

DIGITAL COMPUTER CENSUS

(Figures and information reprinted with permission from "Automatic Data Processing Service News Letter", for January 22, 1962, published by The Diebold Group, Inc., 430 Park Ave., New York 22, N.Y.)

The following figures show over 14,000 installations of digital computers, both general purpose and more limited. The figures apply as of the end of 1961, to computers made by United States manufacturers.

CLASS I. GENERAL PURPOSE DIGITAL COMPUTER SYSTEMS

Vacuum-tube circuitry -- See definition of Class I.

Manufacturer	Computer	Delivered	On Order	Notes
<u>Large-Scale:</u>				
Burroughs	Burroughs 220	53	6	-
International Bus. Mach. Corp.	IBM 701	4	0	N
	IBM 702	5	0	N
	IBM 704	90	3	-
	IBM 705 & 705 III	165	7	-
	IBM 709	30	2	-
Minneapolis-Honeywell Radio Corp. of America	Datamatic 1000	7	0	N
	Bizmac I	1	0	N
	Bizmac II	4	0	N
Remington Rand	Univac Scientific 1100 Series except Univac 1107	41	0	-
	Univac I & II	59	0	N
<u>Medium-Scale:</u>				
Alwac	Alwac III-E with tapes	5	0	-
Bendix	G-15 with tapes	158	-	-
Burroughs	Burroughs 205 with tapes	83	5	-
International Bus. Mach. Corp.	IBM 650 with tapes and/or Ramac	250	4	-
Remington Rand	Univac File Computer	101	2	-
Underwood	Elecom Series	4	0	-
<u>Small-Scale:</u>				
Alwac	Alwac II & III	8	0	N
	Alwac III-E	32	0	-
Bendix	G-15 (no tapes)	194	-	-
Burroughs	Burroughs 205 (no tapes)	19	1	-
Idaho-Maryland	Readix	7	0	N
International Bus. Mach. Corp.	IBM 650 (card)	725	10	-
	IBM 305 Ramac	1,050	50	-
National Cash Register	NCR 102	30	0	N
Royal-McBee	LGP-30	445	20	-
TOTAL CLASS I COMPUTERS		3,570		

N No longer in production.

CLASS II. GENERAL PURPOSE DIGITAL COMPUTER SYSTEMS

Transistorized circuitry -- See definition of Class II.

Manufacturer	Computer	Delivered	On Order
<u>Class IIA (Desk):</u>			
Autonetics	Recomp II	125	0
	Recomp III	24	0
Control Data	CDC 160 & 160A (*1)	120	50
International Bus. Mach. Corp.	IBM 1620	410	500
Monroe	Monrobot XI	70	125
National Cash Register	NCR 390	60	200
	NCR 310	15	20
Packard Bell	PB 250	51	38
Royal McBee	RPC 4000	39	18
<u>Class IIB (Small):</u>			
Burroughs	B250, B260, B270, B280	6	120
General Electric	GE 210	45	25
	GE 225	38	69
International Bus. Mach. Corp.	IBM 1401	1,750	5,200
Minneapolis Honeywell	Honeywell 400	8	-
National Cash Register	NCR 315	0	70
Radio Corp. of America	RCA 301	47	60
Remington Rand	Univac Solid State 80 & 90	430	174
Royal McBee	RPC 9000	2	10
<u>Class IIC (Medium):</u>			
Bendix	Bendix G-20	10	-
Burroughs	B5000	0	8
Minneapolis Honeywell	Honeywell 800	33	-
International Bus. Mach. Corp.	IBM 7070, 7072, & 7074	190	250
	IBM 1410	3	475
National Cash Register	NCR 304	21	9
Radio Corp. of America	RCA 501	68	17
<u>Class IID (Large):</u>			
Control Data	CDC 1604	27	12
International Bus. Mach. Corp.	IBM 7080	0	50
	IBM 7090	125	100
Philco	Philco 2000 (models 210 & 211)	17	23
	Philco 2000 (model 212)	0	5
Radio Corp. of America	RCA 601	0	6
Remington Rand	Univac 1107	0	4
	Univac III	0	42
	Univac 490	2	12
Sylvania	Sylvania 9400	2(*2)	0
<u>Class IIE (Extra Large):</u>			
International Bus. Mach. Corp.	Stretch	2	5
Remington Rand	Larc	2	0
TOTAL CLASS II COMPUTERS		3,742	

*1 Machines are being supplied National Cash as a component of the NCR 310 system

*2 For in-company installations

MISCELLANEOUS DIGITAL COMPUTERS

Manufacturer	Computer	Delivered	On Order	Notes
Burroughs	E-101 & E-103	140	35	-
Clary	DE 60	48	10	-
International Bus. Mach. Corp.	IBM 604	4,800	350	-
	IBM 607	450	-	N
	IBM 608	50	-	N
	IBM 609 & 609B-1	250	210	-
	IBM 610	225	25	-
Monroe	Monrobot IX	124	23	-
Remington Rand	Univac 40, 60 & 120	1,050	30	-
Underwood	100	4	-	N
TOTAL MISCELLANEOUS COMPUTERS		7,141		

N No longer in production

Definitions

Class I consists of systems with vacuum tube circuitry and which can be classified into large-scale, medium-scale, and small-scale, based on the computer and its associated peripheral equipment as defined below. There is no implied evaluation of machine capabilities in terms of large, medium and small. Minimum requirements for each group follow: Large-scale: The system uses magnetic tapes and the computer operates at microsecond arithmetic speeds. Price in general is in the order of magnitude of one million dollars or more. Medium-scale: The system uses magnetic tapes and the computer operates at millisecond arithmetic speeds. In general, the price range is from \$500,000 to \$1,000,000. Small-scale: The system does not use magnetic tapes but the computer is internally programmed.

Class II consists of systems with transistorized circuitry, generally known as "second generation" computers. Many of these systems are characterized by expandability or modular design. The criteria used for subdividing Class II are shown below:

	Monthly Rental	Number of Magnetic Tapes	Average Storage (in bits)	Overlap of Reading, Writing, Computing	Notes
A. Desk (does not refer to physical size)	Under \$2,000	None	20,000	None	Input-output normally paper tape or keyboard. No high speed printer.
B. Small	Under \$12,000	0-6	100,000	None	All input-output on line.
C. Medium	\$12-25,000	6-12	500,000	Yes	Magnetic tape oriented.
D. Large	\$25-75,000	More than 12	1,000,000	Yes	Magnetic tape oriented.
E. Extra Large	Over \$75,000	More than 12	Over 1,000,000	Yes	Speeds and capacities outside range of normal business data processing

For most Class II systems, expansion to the next higher level is possible without serious imbalance.

Miscellaneous computers are card calculators and other machines which do not fall into one of the above systems classifications.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed, or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users -- others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of American-made general purpose computers installed or on order as of the preceding month. We update this computer census monthly, so that it will serve as a

"box-score" of progress for readers interested in following the growth of the American computer industry.

Most of the figures are verified by the respective manufacturers. In cases where this is not so, estimates are made based upon information in the reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF DECEMBER 20, 1962

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$ 7500	2/61	9	11
Advanced Scientific Instruments	ASI 210	Y	\$ 2850	4/62	5	4
	ASI 420	Y	\$12,500	12/62	1	1
Autonetics	RECOMP II	Y	\$ 2495	11/58	132	7
	RECOMP III	Y	\$1495	6/61	28	18
Bendix	G-15	N	\$ 1700	7/55	348	5
	G-20	Y	\$15,500	4/61	20	6
Burroughs	205	N	\$ 4600	1/54	87	X
	220	N	\$14,000	10/58	58	X
	E101-103	N	\$ 875	1/56	170	X
	B250	Y	\$ 4200	11/61	40	34
	B260	Y	\$ 3750	11/62	15	42
	B270	Y	\$ 7000	7/62	10	30
	B280	Y	\$ 6500	7/62	5	16
	B5000	Y	\$16,200	-	0	10
Clary	DE-60/DE-60M	Y	\$ 675	2/60	73	8
Computer Control Co.	DDP-19	Y	\$ 3500	6/61	1	2
	DDP-24	Y	\$ 3000	-	0	1
	SPEC	Y	\$ 800	5/60	8	2
Control Data Corporation	160/160A	Y	\$ 2000/\$ 3500	5/60 & 7/61	215	55
	1604	Y	\$ 35,000	1/60	40	15
	3600	Y	\$ 52,000	4/63	0	2
	6600	Y	\$120,000	-	0	1
Digital Equipment Corp.	PDP-1	Y	Sold only about \$175,000	12/59	34	10
	PDP-4	Y	Sold only about \$75,000	8/62	5	5
El-tronics, Inc.	ALWAC IIIIE	N	\$ 2500	2/54	32	X
General Electric	210	Y	\$16,000	7/59	59	20
	225	Y	\$ 7000	1/61	65	95
General Precision	LGP-21	Y	\$ 725	12/62	3	30
	LGP-30	semi	\$1300	9/56	400	20
	RPC-4000	Y	\$1875	1/61	64	20
Honeywell Electronic Data Processing	H-290	Y	\$ 3000	6/60	11	3
	H-400	Y	\$ 5000	12/60	34	52

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS	
Honeywell EDP (cont'd.)	H-800	Y	\$22,000	12/60	49	5	
	H-1800	Y	\$30,000 up	-/63	0	2	
	DATAmatic 1000	N	-	12/57	6	X	
H-W Electronics, Inc.	HW-15K	Y	\$500	3/63	0	1	
HRB-Singer, Inc.	SEMA 2000	Y	\$700	1/62	17	18	
IBM	305	N	\$3600	3/62	925	X	
	650-card	N	\$4000	11/54	735	X	
	650-RAMAC	N	\$9000	11/54	262	X	
	1401	Y	\$2500	9/60	3850	4380	
	1410	Y	\$10,000	11/61	78	430	
	1440	Y	\$1800	4/64	0	480	
	1620	Y	\$2000	9/60	1350	320	
	701	N	\$5000	4/53	4	X	
	702	N	\$6900	2/55	5	X	
	7030	Y	\$300,000	5/61	3	X	
	704	N	\$32,000	12/55	89	X	
	7040	Y	\$14,000	6/63	0	35	
	7044	Y	\$26,000	6/63	0	5	
	705	N	\$30,000	11/55	160	X	
	7070, 2, 4	Y	\$24,000	3/60	245	260	
	7080	Y	\$55,000	8/61	38	28	
709	N	\$40,000	8/58	45	X		
7090	Y	\$64,000	11/59	213	144		
7094	Y	\$70,000	12/62	1	4		
Information Systems, Inc.	ISI-609	Y	\$4000	2/58	20	3	
ITT	7300 ADX	Y	\$35,000	7/62	6	4	
Monroe Calculating Machine Co.	Monrobot IX	N Sold only	-\$5800	3/58	160	7	
	Monrobot XI	Y	\$700	6/60	210	150	
National Cash Register Co.	NCR - 102	N	-	-	30	X	
	- 304	Y	\$14,000	1/60	30	0	
	- 310	Y	\$2000	5/61	20	40	
	- 315	Y	\$8500	5/62	32	130	
	- 390	Y	\$1850	5/61	275	230	
Packard Bell	PB 250	Y	\$1200	12/60	130	25	
Philco	2000-212	Y	\$68,000	-/63	0	6	
	-210, 211	Y	\$40,000	10/58	21	27	
	1000	Y	\$7010	-/63	0	12	
Radio Corp. of America	Bizmac	N	-	-/56	4	X	
	RCA 301	Y	\$6000	2/61	159	330	
	RCA 501	Y	\$15,000	6/59	83	11	
	RCA 601	Y	\$35,000	11/62	1	6	
Scientific Data Systems Inc.	SDS-910	Y	\$2190	8/62	8	12	
	SDS-920	Y	\$2690	9/62	2	5	
TRW Computer Co.	RW530	Y	\$2500	8/61	14	7	
UNIVAC	Solid-state 80,						
	90, & Step	Y	\$8000	8/58	528	152	
	Solid-state II	Y	\$8500	9/62	2	34	
	490	Y	\$26,000	12/61	4	12	
	1107	Y	\$45,000	10/62	1	16	
	III	Y	\$20,000	8/62	2	65	
	LARC	Y	\$135,000	5/60	2	X	
	1100 Series (ex-						
	cept 1107)	N	\$35,000	12/50	32	X	
	I & II	N	\$25,000	3/51 & 11/57	62	X	
	File Computers	N	\$15,000	8/56	77	1	
60 & 120	N	\$1200	-/53	912	27		
1004	Y	\$1500	2/63	0	950		
X -- no longer in production					TOTALS	12,882	8,899

MONTHLY COMPUTER CENSUS

The number of electronic computers installed, or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users -- others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of American-made general purpose computers installed or on order as of the preceding month. We update this computer census monthly, so that it will serve as a

"box-score" of progress for readers interested in following the growth of the American computer industry.

Most of the figures are verified by the respective manufacturers. In cases where this is not so, estimates are made based upon information in the reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF JANUARY 20, 1963

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	10	12
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	5	4
	ASI 420	Y	\$12,500	1/63	1	1
Autonetics	RECOMP II	Y	\$2495	11/58	135	8
	RECOMP III	Y	\$1495	6/61	30	20
Bendix	G-15	N	\$1700	7/55	360	5
	G-20	Y	\$15,500	4/61	18	6
Burroughs	205	N	\$4600	1/54	83	X
	220	N	\$14,000	10/58	58	X
	E101-103	N	\$875	1/56	170	X
	B250	Y	\$4200	11/61	40	35
	B260	Y	\$3750	11/62	15	45
	B270	Y	\$7000	7/62	10	28
	B280	Y	\$6500	7/62	6	16
	B5000	Y	\$16,200	2/63	0	9
Clary	DE-60/DE-60M	Y	\$675	2/60	82	3
Computer Control Co.	DDP-19	Y	\$3500	6/61	1	2
	DDP-24	Y	\$3000	-	0	1
	SPEC	Y	\$800	5/60	10	2
Control Data Corporation	160/160A	Y	\$2000/\$3500	5/60 & 7/61	215	55
	924	Y	\$10,000	9/61	4	3
	1604	Y	\$35,000	1/60	40	15
	3600	Y	\$52,000	4/63	0	2
	6600	Y	\$120,000	-	0	1
Digital Equipment Corp.	PDP-1	Y	Sold only about \$175,000	12/59	35	10
	PDP-4	Y	Sold only about \$75,000	8/62	6	7
El-tronics, Inc.	ALWAC IIIIE	N	\$2500	2/54	32	X
General Electric	210	Y	\$16,000	7/59	65	10
	225	Y	\$7000	1/61	104	88
General Precision	LGP-21	Y	\$725	12/62	4	32
	LGP-30	semi	\$1300	9/56	400	20
	RPC-4000	Y	\$1875	1/61	67	18
Honeywell Electronic Data Processing	H-290	Y	\$3000	6/60	11	3
	H-400	Y	\$5000	12/60	34	65

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILED ORDERS	
Honeywell EDP (cont'd.)	H-800	Y	\$22,000	12/60	49	9	
	H-1800	Y	\$30,000 up	-/63	0	2	
	DATAmatic 1000	N	-	12/57	5	X	
H-W Electronics, Inc.	HW-15K	Y	\$500	3/63	0	2	
HRB Singer, Inc.	SEMA 2000	Y	\$700	1/62	18	20	
IBM	305	N	\$3600	3/62	925	X	
	650-card	N	\$4000	11/54	735	X	
	650-RAMAC	N	\$9000	11/54	262	X	
	1401	Y	\$2500	9/60	4390	4200	
	1410	Y	\$10,000	11/61	140	400	
	1440	Y	\$1800	4/64	0	550	
	1620	Y	\$2000	9/60	1350	320	
	701	N	\$5000	4/53	4	X	
	702	N	\$6900	2/55	5	X	
	7030	Y	\$300,000	5/61	8	1	
	704	N	\$32,000	12/55	89	X	
	7040	Y	\$14,000	6/63	0	37	
	7044	Y	\$26,000	6/63	0	8	
	705	N	\$30,000	11/55	160	X	
	7070, 2, 4	Y	\$24,000	3/60	320	250	
	7080	Y	\$55,000	8/61	38	28	
	709	N	\$40,000	8/58	45	X	
7090	Y	\$64,000	11/59	213	144		
7094	Y	\$70,000	12/62	1	5		
Information Systems, Inc.	ISI-609	Y	\$4000	2/58	22	1	
ITT	7300 ADX	Y	\$35,000	7/62	6	4	
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only-\$5800	3/58	165	7	
	Monrobot XI	Y	\$700	6/60	210	150	
National Cash Register Co.	NCR - 102	N	-	-	30	X	
	- 304	Y	\$14,000	1/60	30	0	
	- 310	Y	\$2000	5/61	32	42	
	- 315	Y	\$8500	5/62	40	128	
	- 390	Y	\$1850	5/61	295	225	
Packard Bell	PB 250	Y	\$1200	12/60	133	24	
Philco	1000	Y	\$7010	-/63	0	12	
	2000-212	Y	\$68,000	1/63	1	12	
	-210, 211	Y	\$40,000	10/58	23	25	
	4000	Y	\$6000	-/63	0	10	
Radio Corp. of America	Bizmac	N	-	-/56	4	X	
	RCA 301	Y	\$6000	2/61	180	320	
	RCA 501	Y	\$15,000	6/59	90	12	
	RCA 601	Y	\$35,000	11/62	1	7	
Scientific Data Systems Inc.	SDS-910	Y	\$2190	8/62	10	11	
	SDS-920	Y	\$2690	9/62	3	5	
TRW Computer Co.	RW530	Y	\$2500	8/61	15	7	
UNIVAC	Solid-state 80, 90, & Step	Y	\$8000	8/58	529	154	
	Solid-state II	Y	\$8500	9/62	2	34	
	490	Y	\$26,000	12/61	4	12	
	1107	Y	\$45,000	10/62	1	16	
	III	Y	\$20,000	8/62	4	68	
	LARC	Y	\$135,000	5/60	2	X	
	1100 Series (except 1107)	N	\$35,000	12/50	32	X	
	I & II	N	\$25,000	3/51 & 11/57	62	X	
	File Computers	N	\$15,000	8/56	77	1	
	60 & 120	N	\$1200	-/53	907	19	
	1004	Y	\$1500	2/63	0	1200	
X -- no longer in production					TOTALS	13,718	9,008

MONTHLY COMPUTER CENSUS

The number of electronic computers installed, or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users -- others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of American-made general purpose computers installed or on order as of the preceding month. We update this computer census monthly, so that it will serve as a

"box-score" of progress for readers interested in following the growth of the American computer industry.

Most of the figures are verified by the respective manufacturers. In cases where this is not so, estimates are made based upon information in the reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF FEBRUARY 20, 1963

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$ 7500	2/61	10	12
Advanced Scientific Instruments	ASI 210	Y	\$ 2850	4/62	6	3
	ASI 420	Y	\$ 12,500	2/63	1	0
Autonetics	RECOMP II	Y	\$ 2495	11/58	130	7
	RECOMP III	Y	\$ 1495	6/61	28	19
Bendix	G-15	N	\$ 1000	7/55	352	2
	G-20	Y	\$ 15,500	4/61	19	6
Burroughs	205	N	\$ 4600	1/54	78	X
	220	N	\$ 14,000	10/58	58	X
	E101-103	N	\$ 875	1/56	170	X
	B250	Y	\$ 4200	11/61	44	38
	B260	Y	\$ 3750	11/62	25	47
	B270	Y	\$ 7000	7/62	12	26
	B280	Y	\$ 6500	7/62	9	17
	B5000	Y	\$ 16,200	2/63	0	12
Clary	DE-60/DE-60M	Y	\$ 675	2/60	88	1
Computer Control Co.	DDP-19	Y	\$ 3500	6/61	1	2
	DDP-24	Y	\$ 3000	-	0	1
	SPEC	Y	\$ 800	5/60	10	2
Control Data Corporation	160/160A	Y	\$ 2000/\$ 3500	5/60 & 7/61	267	55
	924/924A	Y	\$ 11,000	4/62	5	11
	1604/1604A	Y	\$ 35,000	1/60	42	10
	3600	Y	\$ 52,000	4/63	0	5
	6600	Y	\$ 120,000	2/64	0	1
Digital Equipment Corp.	PDP-1	Y	Sold only about \$175,000	12/59	37	10
	PDP-4	Y	Sold only about \$75,000	8/62	8	9
El-tronics, Inc.	ALWAC IIIIE	N	\$ 2500	2/54	32	X
General Electric	210	Y	\$ 16,000	7/59	69	8
	215	Y	\$ 4000	-/63	0	3
	225	Y	\$ 7000	1/61	110	86
General Precision	LGP-21	Y	\$ 725	12/62	4	32
	LGP-30	semi	\$ 1300	9/56	410	15
	L-3000	Y	\$ 4500	-/63	0	2
	RPC-4000	Y	\$ 1875	1/61	67	18
Honeywell Electronic Data Processing	H-290	Y	\$ 3000	6/60	11	3
	H-400	Y	\$ 5000	12/60	37	68
	H-800	Y	\$ 22,000	12/60	50	8
	H-1400	Y	\$ 14,000	-/63	0	1
	H-1800	Y	\$ 30,000 up	-/63	0	2
	DATAmatic 1000	N	-	12/57	5	X
H-W Electronics, Inc.	HW-15K	Y	\$ 500	3/63	0	2
HRB Singer, Inc.	SEMA 2000	Y	\$ 700	1/62	21	19

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
IBM	305	N	\$3600	3/62	850	X
	650-card	N	\$4000	11/54	700	X
	650-RAMAC	N	\$9000	11/54	210	X
	1401	Y	\$2500	9/60	4850	3900
	1410	Y	\$10,000	11/61	156	385
	1440	Y	\$1800	4/64	0	580
	1460	Y	\$9800	10/63	0	5
	1620	Y	\$2000	9/60	1300	300
	701	N	\$5000	4/53	4	X
	7010	Y	\$19,175	2/64	0	30
	702	N	\$6900	2/55	4	X
	7030	Y	\$300,000	5/61	4	1
	704	N	\$32,000	12/55	79	X
	7040	Y	\$14,000	6/63	0	42
	7044	Y	\$26,000	6/63	0	11
	705	N	\$30,000	11/55	151	X
	7070, 2, 4	Y	\$24,000	3/60	320	240
	7080	Y	\$55,000	8/61	43	28
	709	N	\$40,000	8/58	40	X
	7090	Y	\$64,000	11/59	240	125
7094	Y	\$70,000	12/62	2	6	
Information Systems, Inc.	ISI-609	Y	\$4000	2/58	20	1
ITT	7300 ADX	Y	\$35,000	7/62	6	4
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only-\$5800	3/58	165	5
	Monrobot XI	Y	\$700	12/60	230	140
National Cash Register Co.	NCR - 102	N	-	-	30	X
	- 304	Y	\$14,000	1/60	30	0
	- 310	Y	\$2000	5/61	33	45
	- 315	Y	\$8500	5/62	45	135
	- 390	Y	\$1850	5/61	315	224
Packard Bell	PB 250	Y	\$1200	12/60	133	24
	PB 440	Y	\$3500	9/63	0	10
Philco	1000	Y	\$7010	-/63	0	27
	2000-212	Y	\$68,000	1/63	1	14
	-210, 211	Y	\$40,000	10/58	23	10
	4000	Y	\$6000	-/63	0	10
Radio Corp. of America	Bizmac	N	-	-/56	4	X
	RCA 301	Y	\$6000	2/61	201	300
	RCA 501	Y	\$15,000	6/59	90	12
	RCA 601	Y	\$35,000	11/62	2	7
Scientific Data Systems Inc.	SDS-910	Y	\$2190	8/62	11	11
	SDS-920	Y	\$2690	9/62	4	5
TRW Computer Co.	TRW-230	Y	\$1800	9/63	0	8
	RW-300	Y	\$6000	3/59	32	2
	TRW-330	Y	\$8000	12/60	6	19
	TRW-340	Y	\$10,000	-/63	0	4
	TRW-530	Y	\$2500	8/61	16	6
UNIVAC	Solid-state 80, 90, & Step	Y	\$8000	8/58	532	155
	Solid-state II	Y	\$8500	9/62	2	33
	490	Y	\$26,000	12/61	4	13
	1107	Y	\$45,000	10/62	2	16
	III	Y	\$20,000	8/62	4	67
	LARC	Y	\$135,000	5/60	2	X
	1100 Series (except 1107)	N	\$35,000	12/50	32	X
	I & II	N	\$25,000	3/51 & 11/57	60	X
	File Computers	N	\$15,000	8/56	72	1
	60 & 120	N	\$1200	-/53	890	17
	1004	Y	\$1500	2/63	0	1250
X -- no longer in production				TOTALS	14,166	8791

MONTHLY COMPUTER CENSUS

The number of electronic computers installed, or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users -- others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of American-made general purpose computers installed or on order as of the preceding month. We update this computer census monthly, so that it will serve as a

"box-score" of progress for readers interested in following the growth of the American computer industry.

Most of the figures are verified by the respective manufacturers. In cases where this is not so, estimates are made based upon information in the reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF MARCH 20, 1963

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$ 7500	2/61	11	11
Advanced Scientific Instruments	ASI 210	Y	\$ 2850	4/62	6	3
	ASI 420	Y	\$ 12,500	2/63	1	0
Autonetics	RECOMP II	Y	\$ 2495	11/58	130	7
	RECOMP III	Y	\$ 1495	6/61	30	17
Bendix	G-15	N	\$ 1000	7/55	352	2
	G-20	Y	\$ 15,500	4/61	20	6
Burroughs	205	N	\$ 4600	1/54	78	X
	220	N	\$ 14,000	10/58	58	X
	E101-103	N	\$ 875	1/56	170	X
	B250	Y	\$ 4200	11/61	50	42
	B260	Y	\$ 3750	11/62	30	48
	B270	Y	\$ 7000	7/62	14	27
	B280	Y	\$ 6500	7/62	15	21
	B5000	Y	\$ 16,200	4/63	1	20
Clary	DE-60/DE-60M	Y	\$ 675	2/60	92	4
Computer Control Co.	DDP-19	Y	\$ 3500	6/61	1	2
	DDP-24	Y	\$ 3000	-	0	1
	SPEC	Y	\$ 800	5/60	10	2
Control Data Corporation	160/160A	Y	\$ 2000/\$ 3500	5/60 & 7/61	272	56
	924/924A	Y	\$ 11,000	4/62	6	11
	1604/1604A	Y	\$ 35,000	1/60	44	9
	3600	Y	\$ 52,000	4/63	0	5
	6600	Y	\$ 120,000	2/64	0	1
Digital Equipment Corp.	PDP-1	Y	Sold only about \$175,000	12/59	41	9
	PDP-4	Y	Sold only about \$75,000	8/62	11	10
El-tronics, Inc.	ALWAC IIIE	N	\$ 2500	2/54	32	X
General Electric	210	Y	\$ 16,000	7/59	72	10
	215	Y	\$ 5500	-/63	0	12
	225	Y	\$ 7000	1/61	115	88
General Precision	LGP-21	Y	\$ 725	12/62	6	31
	LGP-30	semi	\$ 1300	9/56	405	14
	L-3000	Y	\$ 4500	-/63	0	2
	RPC-4000	Y	\$ 1875	1/61	68	17
Honeywell Electronic Data Processing	H-290	Y	\$ 3000	6/60	12	3
	H-400	Y	\$ 5000	12/60	40	66
	H-800	Y	\$ 22,000	12/60	52	8
	H-1400	Y	\$ 14,000	-/63	0	2
	H-1800	Y	\$ 30,000 up	-/63	0	2
	DATAmatic 1000	N	-	12/57	5	X
H-W Electronics, Inc.	HW-15K	Y	\$ 500	3/63	0	2

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
IBM	305	N	\$3600	12/57	850	X
	650-card	N	\$4000	11/54	700	X
	650-RAMAC	N	\$9000	11/54	210	X
	1401	Y	\$2500	9/60	5100	3600
	1410	Y	\$10,000	11/61	162	385
	1440	Y	\$1800	4/64	0	700
	1460	Y	\$9800	10/63	0	15
	1620	Y	\$2000	9/60	1320	280
	701	N	\$5000	4/53	4	X
	7010	Y	\$19,175	2/64	0	30
	702	N	\$6900	2/55	4	X
	7030	Y	\$300,000	5/61	4	1
	704	N	\$32,000	12/55	77	X
	7040	Y	\$14,000	6/63	0	42
	7044	Y	\$26,000	6/63	0	11
	705	N	\$30,000	11/55	151	X
	7070, 2, 4	Y	\$24,000	3/60	330	235
	7080	Y	\$55,000	8/61	45	28
	709	N	\$40,000	8/58	39	X
	7090	Y	\$64,000	11/59	240	120
7094	Y	\$70,000	12/62	6	10	
Information Systems, Inc.	ISI-609	Y	\$4000	2/58	20	1
ITT	7300 ADX	Y	\$35,000	7/62	6	4
Monroe Calculating Machine Co.	Monrobot IX	N Sold only	\$5800	3/58	163	3
	Monrobot XI	Y	\$700	12/60	245	180
National Cash Register Co.	NCR - 102	N	-	-	30	X
	- 304	Y	\$14,000	1/60	30	0
	- 310	Y	\$2000	5/61	35	48
	- 315	Y	\$8500	5/62	50	138
	- 390	Y	\$1850	5/61	325	226
Packard Bell	PB 250	Y	\$1200	12/60	133	24
	PB 440	Y	\$3500	9/63	0	10
Philco	1000	Y	\$7010	-/63	0	27
	2000-212	Y	\$68,000	1/63	1	14
	-210, 211	Y	\$40,000	10/58	23	10
	4000	Y	\$6000	-/63	0	10
Radio Corp. of America	Bizmac	N	-	-/56	4	X
	RCA 301	Y	\$6000	2/61	214	290
	RCA 501	Y	\$15,000	6/59	90	15
	RCA 601	Y	\$35,000	11/62	2	8
Scientific Data Systems Inc.	SDS-910	Y	\$2190	8/62	12	39
	SDS-920	Y	\$2690	9/62	6	9
TRW Computer Co.	TRW-230	Y	\$1800	9/63	0	8
	RW-300	Y	\$6000	3/59	32	2
	TRW-330	Y	\$8000	12/60	8	18
	TRW-340	Y	\$10,000	-/63	0	4
	TRW-530	Y	\$2500	8/61	17	6
UNIVAC	Solid-state 80, 90, & Step	Y	\$8000	8/58	538	150
	Solid-state II	Y	\$8500	9/62	5	30
	490	Y	\$26,000	12/61	5	12
	1107	Y	\$45,000	10/62	2	16
	III	Y	\$20,000	8/62	4	65
	LARC	Y	\$135,000	5/60	2	X
	1100 Series (except 1107)	N	\$35,000	12/50	30	X
	I & II	N	\$25,000	3/51 & 11/57	58	X
	File Computers	N	\$15,000	8/56	72	1
	60 & 120	N	\$1200	-/53	890	17
1004	Y	\$1500	2/63	5	1300	
X -- no longer in production				TOTALS	14,549	8713

MONTHLY COMPUTER CENSUS

The number of electronic computers installed, or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users -- others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of American-made general purpose computers installed or on order as of the preceding month. We update this computer census monthly, so that it will serve as a

"box-score" of progress for readers interested in following the growth of the American computer industry.

Most of the figures are verified by the respective manufacturers. In cases where this is not so, estimates are made based upon information in the reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF APRIL 20, 1963

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	11	11
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	8	1
	ASI 420	Y	\$12,500	2/63	1	0
Autonetics	RECOMP II	Y	\$2495	11/58	125	5
	RECOMP III	Y	\$1495	6/61	32	18
Burroughs	205	N	\$4600	1/54	72	X
	220	N	\$14,000	10/58	58	X
	E101-103	N	\$875	1/56	170	X
	B250	Y	\$4200	11/61	52	43
	B260	Y	\$3750	11/62	31	45
	B270	Y	\$7000	7/62	15	25
	B280	Y	\$6500	7/62	18	22
	B5000	Y	\$16,200	4/63	1	20
Clary	DE-60/DE-60M	Y	\$675	2/60	98	1
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2750	-/63	0	3
	SPEC	Y	\$800	5/60	10	0
Control Data Corporation	G-15	N	\$1000	7/55	350	2
	G-20	Y	\$15,500	4/61	21	4
	160/160A	Y	\$1750/\$3000	5/60 & 7/61	280	53
	924/924A	Y	\$11,000	8/61	7	10
	1604/1604A	Y	\$35,000	1/60	45	9
	3600	Y	\$52,000	4/63	0	5
	6600	Y	\$120,000	2/64	0	1
Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	42	9
	PDP-4	Y	Sold only about \$60,000	8/62	13	14
El-tronics, Inc.	ALWAC IIIE	N	\$1820	2/54	33	X
General Electric	210	Y	\$16,000	7/59	73	10
	215	Y	\$5500	-/63	0	15
	225	Y	\$7000	1/61	118	88
	235	Y	\$10,900	-/64	0	1
General Precision	LGP-21	Y	\$725	12/62	5	33
	LGP-30	semi	\$1300	9/56	400	12
	L-3000	Y	\$45,000	1/60	1	0
	RPC-4000	Y	\$1875	1/61	68	17
Honeywell Electronic Data Processing	H-290	Y	\$3000	6/60	9	3
	H-400	Y	\$5000	12/61	42	67
	H-800	Y	\$22,000	12/60	49	7
	H-1400	Y	\$14,000	5/64	0	2
	H-1800	Y	\$30,000 up	-/63	0	2
	DATAmatic 1000	N	-	12/57	5	X
H-W Electronics, Inc.	HW-15K	Y	\$490	3/63	0	2

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS	
IBM	305	N	\$3600	12/57	830	X	
	650-card	N	\$4000	11/54	690	X	
	650-RAMAC	N	\$9000	11/54	205	X	
	1401	Y	\$3500	9/60	5400	3400	
	1410	Y	\$12,000	11/61	170	380	
	1440	Y	\$1800	4/64	0	800	
	1460	Y	\$9800	10/63	0	18	
	1620	Y	\$2000	9/60	1400	260	
	701	N	\$5000	4/53	4	X	
	7010	Y	\$19,175	2/64	0	32	
	702	N	\$6900	2/55	4	X	
	7030	Y	\$160,000	5/61	4	1	
	704	N	\$32,000	12/55	75	X	
	7040	Y	\$14,000	6/63	0	45	
	7044	Y	\$26,000	6/63	0	12	
	705	N	\$30,000	11/55	145	X	
	7070, 2, 4	Y	\$24,000	3/60	340	235	
	7080	Y	\$55,000	8/61	47	27	
	709	N	\$40,000	8/58	37	X	
	7090	Y	\$64,000	11/59	245	120	
7094	Y	\$70,000	9/62	7	12		
Information Systems, Inc.	ISI-609	Y	\$4000	2/58	20	1	
ITT	7300 ADX	Y	\$35,000	7/62	6	2	
Monroe Calculating Machine Co.	Monrobot IX	N Sold only	\$5800	3/58	165	2	
	Monrobot XI	Y	\$700	12/60	250	190	
National Cash Register Co.	NCR - 102	N	-	-	30	X	
	- 304	Y	\$14,000	1/60	30	0	
	- 310	Y	\$2000	5/61	38	45	
	- 315	Y	\$8500	5/62	55	140	
	- 390	Y	\$1850	5/61	333	230	
Packard Bell	PB 250	Y	\$1200	12/60	145	20	
	PB 440	Y	\$3500	9/63	0	10	
Philco	1000	Y	\$7010	-/63	0	27	
	2000-212	Y	\$52,000	1/63	2	14	
	-210, 211	Y	\$40,000	10/58	24	10	
	4000	Y	\$6000	-/63	0	10	
Radio Corp. of America	Bizmac	N	-	-/56	4	X	
	RCA 301	Y	\$6000	2/61	233	288	
	RCA 501	Y	\$15,000	6/59	92	14	
	RCA 601	Y	\$35,000	11/62	5	9	
Scientific Data Systems Inc.	SDS-910	Y	\$1700	8/62	12	41	
	SDS-920	Y	\$2690	9/62	8	10	
TRW Computer Co.	TRW-230	Y	\$1800	9/63	0	8	
	RW-300	Y	\$5000	3/59	32	3	
	TRW-330	Y	\$6000	12/60	6	20	
	TRW-340	Y	\$8000	-/63	0	4	
	TRW-530	Y	\$2500	8/61	17	6	
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	55	X	
	Solid-State II	Y	\$8500	9/62	7	30	
	III	Y	\$20,000	8/62	6	64	
	File Computers	N	\$15,000	8/56	70	1	
	60 & 120	N	\$1200	-/53	888	15	
	Solid-state 80, 90, & Step	Y	\$8000	8/58	545	140	
	490	Y	\$26,000	12/61	6	10	
	1004	Y	\$1500	2/63	50	1500	
	1050	Y	\$7200	9/63	0	2	
	1100 Series (except 1107)	N	\$35,000	12/50	28	X	
	1107	Y	\$45,000	10/62	2	16	
	LARC	Y	\$135,000	5/60	2	X	
X -- no longer in production					TOTALS	15,036	8770

MONTHLY COMPUTER CENSUS

The number of electronic computers installed, or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users -- others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of American-made general purpose computers installed or on order as of the preceding month. We update this computer census monthly, so that it will serve as a

"box-score" of progress for readers interested in following the growth of the American computer industry.

Most of the figures are verified by the respective manufacturers. In cases where this is not so, estimates are made based upon information in the reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF JUNE 10, 1963

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	12	10
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	8	3
	ASI 420	Y	\$12,500	2/63	1	0
Autonetics	RECOMP II	Y	\$2495	11/58	125	X
	RECOMP III	Y	\$1495	6/61	32	X
Burroughs	205	N	\$4600	1/54	70	X
	220	N	\$14,000	10/58	55	X
	E101-103	N	\$875	1/56	160	X
	B250	Y	\$4200	11/61	54	40
	B260	Y	\$3750	11/62	33	46
	B270	Y	\$7000	7/62	16	24
	B280	Y	\$6500	7/62	20	21
	B5000	Y	\$16,200	4/63	5	22
Clary	DE-60/DE-60M	Y	\$675	2/60	105	3
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2750	-/63	0	3
	SPEC	Y	\$800	5/60	10	0
Control Data Corporation	G-15	N	\$1000	7/55	345	1
	G-20	Y	\$15,500	4/61	22	3
	160/160A	Y	\$1750/\$3000	5/60 & 7/61	285	51
	924/924A	Y	\$11,000	8/61	10	9
	1604/1604A	Y	\$35,000	1/60	51	8
	3600	Y	\$52,000	6/63	0	5
	6600	Y	\$120,000	2/64	0	1
Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	42	9
	PDP-4	Y	Sold only about \$60,000	8/62	13	14
	PDP-5	Y	Sold only about \$25,000	11/63	0	1
El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	32	X
General Electric	210	Y	\$16,000	7/59	74	6
	215	Y	\$5500	-/63	0	17
	225	Y	\$7000	1/61	120	80
	235	Y	\$10,900	-/64	0	3
General Precision	LGP-21	Y	\$725	12/62	17	33
	LGP-30	semi	\$1300	9/56	395	5
	L-3000	Y	\$45,000	1/60	1	0
	RPC-4000	Y	\$1875	1/61	68	17
Honeywell Electronic Data Processing	H-290	Y	\$3000	6/60	10	3
	H-400	Y	\$5000	12/61	53	64
	H-800	Y	\$22,000	12/60	52	7
	H-1400	Y	\$14,000	5/64	0	2
	H-1800	Y	\$30,000 up	-/63	0	2
	DATAmatic 1000	N	-	12/57	5	X
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	1	2

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS	
IBM	305	N	\$3600	12/57	810	X	
	650-card	N	\$4000	11/54	675	X	
	650-RAMAC	N	\$9000	11/54	195	X	
	1401	Y	\$3500	9/60	5950	3000	
	1410	Y	\$12,000	11/61	195	368	
	1440	Y	\$1800	4/64	0	950	
	1460	Y	\$9800	10/63	0	22	
	1620	Y	\$2000	9/60	1390	250	
	701	N	\$5000	4/53	4	X	
	7010	Y	\$19,175	2/64	0	32	
	702	N	\$6900	2/55	4	X	
	7030	Y	\$160,000	5/61	6	X	
	704	N	\$32,000	12/55	71	X	
	7040	Y	\$14,000	6/63	0	44	
	7044	Y	\$26,000	6/63	0	12	
	705	N	\$30,000	11/55	142	X	
	7070, 2, 4	Y	\$24,000	3/60	375	205	
	7080	Y	\$55,000	8/61	52	24	
	709	N	\$40,000	8/58	34	X	
	7090	Y	\$64,000	11/59	26	90	
7094	Y	\$70,000	9/62	10	15		
7094 II	Y	\$76,000	4/64	0	1		
Information Systems, Inc.	ISI-609	Y	\$4000	2/58	19	1	
ITT	7300 ADX	Y	\$35,000	7/62	6	2	
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	160	1	
	Monrobot XI	Y	\$700	12/60	250	170	
National Cash Register Co.	NCR - 102	N	-	-	28	X	
	- 304	Y	\$14,000	1/60	30	0	
	- 310	Y	\$2000	5/61	40	42	
	- 315	Y	\$8500	5/62	70	135	
	- 390	Y	\$1850	5/61	360	220	
Packard Bell	PB 250	Y	\$1200	12/60	150	15	
	PB 440	Y	\$3500	9/63	0	10	
Philco	1000	Y	\$7010	-/63	0	27	
	2000-212	Y	\$52,000	1/63	2	12	
	-210, 211	Y	\$40,000	10/58	25	9	
Radio Corp. of America	Bizmac	N	-	-/56	4	X	
	RCA 301	Y	\$6000	2/61	262	250	
	RCA 501	Y	\$15,000	6/59	94	12	
	RCA 601	Y	\$35,000	11/62	6	9	
Scientific Data Systems Inc.	SDS-910	Y	\$1700	8/62	16	38	
	SDS-920	Y	\$2690	9/62	9	7	
Thompson Ramo Wooldridge, Inc.	TRW-230	Y	\$2680	7/63	0	8	
	RW-300	Y	\$6000	3/59	37	2	
	TRW-330	Y	\$5000	12/60	10	18	
	TRW-340	Y	\$6000	12/63	0	4	
	TRW-530	Y	\$6000	8/61	17	6	
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	53	X	
	Solid-State II	Y	\$8500	9/62	12	25	
	III	Y	\$20,000	8/62	12	59	
	File Computers	N	\$15,000	8/56	65	0	
	60 & 120	N	\$1200	-/53	865	10	
	Solid-state 80, 90, & Step	Y	\$8000	8/58	550	130	
	490	Y	\$26,000	12/61	6	10	
	1004	Y	\$1500	2/63	100	1475	
	1050	Y	\$7200	9/63	0	2	
	1100 Series (ex- cept 1107)	N	\$35,000	12/50	25	X	
1107	Y	\$45,000	10/62	3	15		
LARC	Y	\$135,000	5/60	2	X		
X -- no longer in production					TOTALS	15,766	8252

MONTHLY COMPUTER CENSUS

The number of electronic computers installed, or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users -- others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of American-made general purpose computers installed or on order as of the preceding month. We update this computer census monthly, so that it will serve as a

"box-score" of progress for readers interested in following the growth of the American computer industry.

Most of the figures are verified by the respective manufacturers. In cases where this is not so, estimates are made based upon information in the reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF JULY 20, 1963

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	12	10
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	9	3
	ASI 420	Y	\$12,500	2/63	1	X
Autonetics	RECOMP II	Y	\$2495	11/58	125	X
	RECOMP III	Y	\$1495	6/61	32	X
Burroughs	205	N	\$4600	1/54	70	X
	220	N	\$14,000	10/58	48	X
	E101-103	N	\$875	1/56	154	X
	B250	Y	\$4200	11/61	60	35
	B260	Y	\$3750	11/62	40	44
	B270	Y	\$7000	7/62	24	26
	B280	Y	\$6500	7/62	25	22
	B5000	Y	\$16,200	3/63	8	20
Clary	DE-60/DE-60M	Y	\$525	2/60	131	4
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2750	5/63	1	10
	SPEC	Y	\$800	5/60	10	0
Control Data Corporation	G-15	N	\$1000	7/55	300	1
	G-20	Y	\$15,500	4/61	22	2
	160/160A	Y	\$1750/\$3000	5/60 & 7/61	310	25
	924/924A	Y	\$11,000	8/61	10	14
	1604/1604A	Y	\$35,000	1/60	52	8
	3600	Y	\$52,000	6/63	2	5
Digital Equipment Corp.	6600	Y	\$120,000	2/64	0	1
	PDP-1	Y	Sold only about \$120,000	11/60	42	9
	PDP-4	Y	Sold only about \$60,000	8/62	16	10
	PDP-5	Y	Sold only about \$25,000	11/63	0	2
El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	32	X
General Electric	210	Y	\$16,000	7/59	75	5
	215	Y	\$5500	-/63	0	22
	225	Y	\$7000	1/61	125	73
	235	Y	\$10,900	-/64	0	5
General Precision	LGP-21	Y	\$725	12/62	20	41
	LGP-30	semi	\$1300	9/56	395	5
	L-3000	Y	\$45,000	1/60	1	0
	RPC-4000	Y	\$1875	1/61	90	18
Honeywell Electronic Data Processing	H-290	Y	\$3000	6/60	10	1
	H-400	Y	\$5000	12/61	56	76
	H-800	Y	\$22,000	12/60	50	11
	H-1400	Y	\$14,000	5/64	0	4
	H-1800	Y	\$30,000 up	11/63	0	2
	DATAmatic 1000	N	-	12/57	5	X
	H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	1

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS	
IBM	305	N	\$3600	12/57	790	X	
	650-card	N	\$4000	11/54	670	X	
	650-RAMAC	N	\$9000	11/54	190	X	
	1401	Y	\$3500	9/60	6100	2700	
	1410	Y	\$12,000	11/61	210	365	
	1440	Y	\$1800	9/63	0	1050	
	1460	Y	\$9800	10/63	0	56	
	1620	Y	\$2000	9/60	1390	250	
	701	N	\$5000	4/53	4	X	
	7010	Y	\$19,175	2/64	0	32	
	702	N	\$6900	2/55	4	X	
	7030	Y	\$160,000	5/61	6	X	
	704	N	\$32,000	12/55	71	X	
	7040	Y	\$14,000	6/63	10	42	
	7044	Y	\$26,000	6/63	3	14	
	705	N	\$30,000	11/55	140	X	
	7070, 2, 4	Y	\$24,000	3/60	430	215	
	7080	Y	\$55,000	8/61	50	24	
	709	N	\$40,000	8/58	33	X	
	7090	Y	\$64,000	11/59	270	87	
	7094	Y	\$70,000	9/62	12	16	
7094 II	Y	\$76,000	4/64	0	2		
Information Systems, Inc.	ISI-609	Y	\$4000	2/58	19	1	
ITT	7300 ADX	Y	\$35,000	7/62	6	2	
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	175	2	
	Monrobot XI	Y	\$700	12/60	265	207	
National Cash Register Co.	NCR - 102	N	-	-	28	X	
	- 304	Y	\$14,000	1/60	29	0	
	- 310	Y	\$2000	5/61	41	42	
	- 315	Y	\$8500	5/62	82	130	
	- 390	Y	\$1850	5/61	389	320	
Packard Bell	PB 250	Y	\$1200	12/60	150	15	
	PB 440	Y	\$3500	9/63	0	10	
Philco	1000	Y	\$7010	6/63	1	23	
	2000-212	Y	\$52,000	1/63	2	7	
	-210, 211	Y	\$40,000	10/58	21	8	
Radio Corp. of America	Bizmac	N	-	-/56	4	X	
	RCA 301	Y	\$6000	2/61	256	245	
	RCA 501	Y	\$15,000	6/59	81	14	
	RCA 601	Y	\$35,000	11/62	2	6	
Scientific Data Systems Inc.	SDS-910	Y	\$1700	8/62	17	41	
	SDS-920	Y	\$2690	9/62	13	15	
Thompson Ramo Wooldridge, Inc.	TRW-230	Y	\$2680	7/63	0	8	
	RW-300	Y	\$6000	3/59	37	2	
	TRW-330	Y	\$5000	12/60	11	18	
	TRW-340	Y	\$6000	12/63	0	4	
	TRW-530	Y	\$6000	8/61	18	6	
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	52	X	
	Solid-State II	Y	\$8500	9/62	14	23	
	III	Y	\$20,000	8/62	6	59	
	File Computers	N	\$15,000	8/56	65	0	
	60 & 120	N	\$1200	-/53	860	8	
	Solid-state 80, 90, & Step	Y	\$8000	8/58	538	120	
	490	Y	\$26,000	12/61	7	9	
	1004	Y	\$1500	2/63	100	1475	
	1050	Y	\$7200	9/63	0	2	
	1100 Series (ex- cept 1107)	N	\$35,000	12/50	25	X	
	1107	Y	\$45,000	10/62	4	12	
LARC	Y	\$135,000	5/60	2	X		
X -- no longer in production					TOTALS	16,070	8,203

MONTHLY COMPUTER CENSUS

The number of electronic computers installed, or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users -- others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of American-made general purpose computers installed or on order as of the preceding month. We update this

computer census monthly, so that it will serve as a "box-score" of progress for readers interested in following the growth of the American computer industry.

Most of the figures are verified by the respective manufacturers. In cases where this is not so, estimates are made based upon information in the reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF AUGUST 20, 1963

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	18	10
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	9	3
	ASI 420	Y	\$12,500	2/63	1	X
Autonetics	RECOMP II	Y	\$2495	11/58	115	X
	RECOMP III	Y	\$1495	6/61	28	X
Burroughs	205	N	\$4600	1/54	62	X
	220	N	\$14,000	10/58	48	X
	E101-103	N	\$875	1/56	154	X
	B250	Y	\$4200	11/61	58	30
	B260	Y	\$3750	11/62	43	42
	B270	Y	\$7000	7/62	28	25
	B280	Y	\$6500	7/62	27	23
	B5000	Y	\$16,200	3/63	9	20
Clary	DE-60/DE-60M	Y	\$525	2/60	131	4
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2750	5/63	1	10
	SPEC	Y	\$800	5/60	10	0
Control Data Corporation	G-15	N	\$1000	7/55	300	1
	G-20	Y	\$15,500	4/61	23	2
	160/160A	Y	\$1750/\$3000	5/60 & 7/61	310	30
	924/924A	Y	\$11,000	8/61	12	10
	1604/1604A	Y	\$35,000	1/60	53	8
	3600	Y	\$52,000	6/63	2	9
	6600	Y	\$120,000	2/64	0	1
Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	42	9
	PDP-4	Y	Sold only about \$60,000	8/62	16	10
	PDP-5	Y	Sold only about \$25,000	11/63	0	2
El-tronics, Inc.	AlWAC IIIIE	N	\$1820	2/54	32	X
General Electric	210	Y	\$16,000	7/59	75	5
	215	Y	\$5500	-/63	0	22
	225	Y	\$7000	1/61	140	60
	235	Y	\$10,900	-/64	0	5
General Precision	LGP-21	Y	\$725	12/62	42	38
	LGP-30	semi	\$1300	9/56	405	5
	L-3000	Y	\$45,000	1/60	1	0
	RPC-4000	Y	\$1875	1/61	101	10
Honeywell Electronic Data Processing	H-290	Y	\$3000	6/60	10	1
	H-400	Y	\$5000	12/61	59	42
	H-800	Y	\$22,000	12/60	52	9
	H-1400	Y	\$14,000	5/64	0	5
	H-1800	Y	\$30,000 up	11/63	0	2
	DATAmatic 1000	N	-	12/57	5	X

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	1	2
IBM	305	N	\$3600	12/57	685	X
	650-card	N	\$4000	11/54	590	X
	650-RAMAC	N	\$9000	11/54	150	X
	1401	Y	\$3500	9/60	5900	2700
	1410	Y	\$12,000	11/61	220	300
	1440	Y	\$1800	4/63	50	1050
	1460	Y	\$9800	10/63	0	105
	1620	Y	\$2000	9/60	1310	220
	701	N	\$5000	4/53	2	X
	7010	Y	\$19,175	2/64	0	36
	702	N	\$6900	2/55	2	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	71	X
	7040	Y	\$14,000	6/63	10	42
	7044	Y	\$26,000	6/63	3	14
	705	N	\$30,000	11/55	130	X
	7070, 2, 4	Y	\$24,000	3/60	430	130
	7080	Y	\$55,000	8/61	52	24
	709	N	\$40,000	8/58	22	X
	7090	Y	\$64,000	11/59	280	77
	7094	Y	\$70,000	9/62	12	16
	7094 II	Y	\$76,000	4/64	0	2
Information Systems, Inc.	ISI-609	Y	\$4000	2/58	19	1
ITT	7300 ADX	Y	\$35,000	7/62	6	3
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	175	2
	Monrobot XI	Y	\$700	12/60	265	207
National Cash Register Co.	NCR - 102	N	-	-	24	X
	- 304	Y	\$14,000	1/60	29	0
	- 310	Y	\$2000	5/61	41	35
	- 315	Y	\$8500	5/62	82	130
	- 390	Y	\$1850	5/61	300	310
Packard Bell	PB 250	Y	\$1200	12/60	145	15
	PB 440	Y	\$3500	11/63	0	10
Philco	1000	Y	\$7010	6/63	3	18
	2000-212	Y	\$52,000	1/63	2	7
	-210, 211	Y	\$40,000	10/58	21	8
Radio Corp. of America	Bizmac	N	-	-/56	4	X
	RCA 301	Y	\$6000	2/61	295	200
	RCA 501	Y	\$15,000	6/59	72	10
	RCA 601	Y	\$35,000	11/62	2	3
Scientific Data Systems Inc.	SDS-910	Y	\$1700	8/62	17	41
	SDS-920	Y	\$2690	9/62	13	15
	SDS-9300	Y	\$8000	1/64	0	1
Thompson Ramo Wooldridge, Inc.	TRW-230	Y	\$2680	7/63	0	8
	RW-300	Y	\$6000	3/59	37	2
	TRW-330	Y	\$5000	12/60	11	18
	TRW-340	Y	\$6000	12/63	0	4
	TRW-530	Y	\$6000	8/61	18	6
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	51	X
	Solid-State II	Y	\$8500	9/62	25	9
	III	Y	\$20,000	8/62	27	24
	File Computers	N	\$15,000	8/56	60	0
	60 & 120	N	\$1200	-/53	860	8
	Solid-state 80, 90, & Step	Y	\$8000	8/58	400	20
	490	Y	\$26,000	12/61	14	27
	1004	Y	\$1500	2/63	100	1475
	1050	Y	\$7200	9/63	0	10
	1100 Series (ex- cept 1107)	N	\$35,000	12/50	25	X
	1107	Y	\$45,000	10/62	6	12
	LARC	Y	\$135,000	5/60	2	X
X -- no longer in production				TOTALS	15,502	7810

MONTHLY COMPUTER CENSUS

The number of electronic computers installed, or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users -- others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of American-made general purpose computers installed or on order as of the preceding month. We update this

computer census monthly, so that it will serve as a "box-score" of progress for readers interested in following the growth of the American computer industry.

Most of the figures are verified by the respective manufacturers. In cases where this is not so, estimates are made based upon information in the reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF SEPTEMBER 20, 1963

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	18	10
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	11	3
	ASI 2100	Y	\$3000	12/63	0	3
	ASI 420	Y	\$12,500	2/63	1	X
Autonetics	RECOMP II	Y	\$2495	11/58	115	X
	RECOMP III	Y	\$1495	6/61	28	X
Burroughs	205	N	\$4600	1/54	60	X
	220	N	\$14,000	10/58	46	X
	E101-103	N	\$875	1/56	148	X
	B250	Y	\$4200	11/61	56	28
	B260	Y	\$3750	11/62	44	40
	B270	Y	\$7000	7/62	31	22
	B280	Y	\$6500	7/62	30	22
	B5000	Y	\$16,200	3/63	9	20
Clary	DE-60/DE-60M	Y	\$525	2/60	129	1
Computer Control Co.	DDP-19	Y	-	6/61	3	X
	DDP-24	Y	\$2750	5/63	1	16
	SPEC	Y	\$800	5/60	10	0
Control Data Corporation	G-15	N	\$1000	7/55	300	1
	G-20	Y	\$15,500	4/61	23	2
	160/160A	Y	\$1750/\$3000	5/60 & 7/61	320	27
	924/924A	Y	\$11,000	8/61	14	16
	1604/1604A	Y	\$35,000	1/60	53	8
	3600	Y	\$52,000	6/63	3	9
	6600	Y	\$150,000	2/64	0	1
Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	42	9
	PDP-4	Y	Sold only about \$60,000	8/62	16	10
	PDP-5	Y	Sold only about \$25,000	9/63	2	1
	PDP-6	Y	Sold only about \$50,000	-/64	0	0
El-tronics, Inc.	Ai.WAC IIIE	N	\$1820	2/54	32	X
General Electric	210	Y	\$16,000	7/59	78	5
	215	Y	\$5500	-/63	0	23
	225	Y	\$7000	1/61	143	55
	235	Y	\$10,900	-/64	0	7
General Precision	LGP-21	Y	\$725	12/62	42	27
	LGP-30	semi	\$1300	9/56	476	5
	L-3000	Y	\$45,000	1/60	1	0
	RPC-4000	Y	\$1875	1/61	103	3
Honeywell Electronic Data Processing	H-290	Y	\$3000	6/60	10	1
	H-400	Y	\$5000	12/61	61	41
	H-800	Y	\$22,000	12/60	53	9
	H-1400	Y	\$14,000	5/64	0	7
	H-1800	Y	\$30,000 up	11/63	0	8
	DATAmatic 1000	N	-	12/57	5	X

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	1	2
IBM	305	N	\$3600	12/57	660	X
	650-card	N	\$4000	11/54	570	X
	650-RAMAC	N	\$9000	11/54	140	X
	1401	Y	\$3500	9/60	6000	2500
	1410	Y	\$12,000	11/61	230	280
	1440	Y	\$1800	4/63	70	1310
	1460	Y	\$9800	10/63	0	125
	1620	Y	\$2000	9/60	1351	190
	701	N	\$5000	4/53	2	X
	7010	Y	\$19,175	2/64	0	30
	702	N	\$6900	2/55	2	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	71	X
	7040	Y	\$14,000	6/63	12	41
	7044	Y	\$26,000	6/63	8	14
	705	N	\$30,000	11/55	125	X
	7070, 2, 4	Y	\$24,000	3/60	450	125
	7080	Y	\$55,000	8/61	54	24
	709	N	\$40,000	8/58	20	X
	7090	Y	\$64,000	11/59	270	35
	7094	Y	\$70,000	9/62	24	45
	7094 II	Y	\$76,000	4/64	0	12
Information Systems, Inc.	ISI-609	Y	\$4000	2/58	19	1
ITT	7300 ADX	Y	\$35,000	7/62	6	3
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	176	4
	Monrobot XI	Y	\$700	12/60	270	213
National Cash Register Co.	NCR - 102	N	-	-	22	X
	- 304	Y	\$14,000	1/60	29	0
	- 310	Y	\$2000	5/61	43	35
	- 315	Y	\$8500	5/62	89	125
	- 390	Y	\$1850	5/61	320	300
Packard Bell	PB 250	Y	\$1200	12/60	148	14
	PB 440	Y	\$3500	11/63	0	10
Philco	1000	Y	\$7010	6/63	3	18
	2000-212	Y	\$52,000	1/63	2	7
	-210, 211	Y	\$40,000	10/58	22	7
Radio Corp. of America	Bizmac	N	-	-/56	4	X
	RCA 301	Y	\$6000	2/61	310	200
	RCA 3301	Y	\$15,000	7/64	0	2
	RCA 501	Y	\$15,000	6/59	70	8
	RCA 601	Y	\$35,000	11/62	2	3
Scientific Data Systems Inc.	SDS-910	Y	\$1700	8/62	20	39
	SDS-920	Y	\$2690	9/62	15	15
	SDS-9300	Y	\$8000	1/64	0	1
Thompson Ramo Wooldridge, Inc.	TRW-230	Y	\$2680	8/63	6	6
	RW-300	Y	\$6000	3/59	37	2
	TRW-330	Y	\$5000	12/60	11	18
	TRW-340	Y	\$6000	12/63	0	4
	TRW-530	Y	\$6000	8/61	18	6
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	49	X
	Solid-State II	Y	\$8500	9/62	27	9
	III	Y	\$20,000	8/62	28	20
	File Computers	N	\$15,000	8/56	58	0
	60 & 120	N	\$1200	-/53	840	5
	Solid-state 80, 90, & Step	Y	\$8000	8/58	390	20
	490	Y	\$26,000	12/61	16	25
	1004	Y	\$1500	2/63	300	1880
	1050	Y	\$7200	9/63	1	12
	1100 Series (ex- cept 1107)	N	\$35,000	12/50	23	X
	1107	Y	\$45,000	10/62	8	11
	LARC	Y	\$135,000	5/60	2	X
X -- no longer in production				TOTALS	15,966	8194

MONTHLY COMPUTER CENSUS

The number of electronic computers installed, or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users -- others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of American-made general purpose computers installed or on order as of the preceding month. We update this

computer census monthly, so that it will serve as a "box-score" of progress for readers interested in following the growth of the American computer industry.

Most of the figures are verified by the respective manufacturers. In cases where this is not so, estimates are made based upon information in the reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF OCTOBER 20, 1963

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	18	10
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	11	3
	ASI 2100	Y	\$3000	12/63	0	3
	ASI 420	Y	\$12,500	2/63	1	X
Autonetics	RECOMP II	Y	\$2495	11/58	110	X
	RECOMP III	Y	\$1495	6/61	28	X
Burroughs	205	N	\$4600	1/54	58	X
	220	N	\$14,000	10/58	44	X
	E101-103	N	\$875	1/56	144	X
	B250	Y	\$4200	11/61	58	29
	B260	Y	\$3750	11/62	47	39
	B270	Y	\$7000	7/62	33	23
	B280	Y	\$6500	7/62	32	21
	B5000	Y	\$16,200	3/63	10	20
Clary	DE-60/DE-60M	Y	\$525	2/60	125	1
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2750	5/63	1	16
	SPEC	Y	\$800	5/60	10	0
Control Data Corporation	G-15	N	\$1000	7/55	283	1
	G-20	Y	\$15,500	4/61	26	2
	160/160A	Y	\$1750/\$3000	5/60 & 7/61	327	35
	924/924A	Y	\$11,000	8/61	18	19
	1604/1604A	Y	\$35,000	1/60	53	9
	3600	Y	\$52,000	6/63	4	6
	6600	Y	\$150,000	2/64	0	1
Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	44	8
	PDP-4	Y	Sold only about \$60,000	8/62	18	9
	PDP-5	Y	Sold only about \$25,000	9/63	3	11
	PDP-6	Y	Sold only about \$300,000	7/64	0	1
El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	32	X
General Electric	210	Y	\$16,000	7/59	79	4
	215	Y	\$5500	-/63	0	23
	225	Y	\$7000	1/61	144	52
	235	Y	\$10,900	2/64	0	16
General Precision	LGP-21	Y	\$725	12/62	54	32
	LGP-30	semi	\$1300	9/56	465	6
	L-3000	Y	\$45,000	1/60	1	0
	RPC-4000	Y	\$1875	1/61	103	3
Honeywell Electronic Data Processing	H-290	Y	\$3000	8/61	8	X
	H-610	Y	\$3500	9/63	1	6
	H-400	Y	\$5000	12/61	65	40
	H-800	Y	\$22,000	12/60	54	9
	H-1400	Y	\$14,000	3/64	0	10
	H-1800	Y	\$30,000 up	12/63	0	8
	DATAmatic 1000	N		12/57	5	X

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	1	2
IBM	305	N	\$3600	12/57	650	X
	650-card	N	\$4000	11/54	520	X
	650-RAMAC	N	\$9000	11/54	130	X
	1401	Y	\$3500	9/60	6300	2200
	1410	Y	\$12,000	11/61	235	276
	1440	Y	\$1800	4/63	78	1330
	1460	Y	\$9800	10/63	0	280
	1620	Y	\$2000	9/60	1370	150
	701	N	\$5000	4/53	2	X
	7010	Y	\$19,175	2/64	0	31
	702	N	\$6900	2/55	2	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	65	X
	7040	Y	\$14,000	6/63	15	40
	7044	Y	\$26,000	6/63	10	13
	705	N	\$30,000	11/55	120	X
	7070, 2, 4	Y	\$24,000	3/69	465	120
	7080	Y	\$55,000	8/61	58	25
	709	N	\$40,000	8/58	18	X
	7090	Y	\$64,000	11/59	260	30
	7094	Y	\$70,000	9/62	47	57
	7094 II	Y	\$76,000	4/64	0	12
Information Systems, Inc.	ISI-609	Y	\$4000	2/58	19	1
ITT	7300 ADX	Y	\$35,000	7/62	6	3
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	176	4
	Monrobot XI	Y	\$700	12/60	270	213
National Cash Register Co.	- 304	Y	\$14,000	1/60	29	0
	- 310	Y	\$2000	5/61	45	33
	- 315	Y	\$8500	5/62	105	135
	- 390	Y	\$1850	5/61	410	280
Packard Bell	PB 250	Y	\$1200	12/60	148	14
	PB 440	Y	\$3500	11/63	0	12
Philco	1000	Y	\$7010	6/63	5	15
	2000-212	Y	\$52,000	1/63	2	7
	-210, 211	Y	\$40,000	10/58	22	7
Radio Corp. of America	Bizmac	N	-	-/56	4	X
	RCA 301	Y	\$6000	2/61	320	195
	RCA 3301	Y	\$15,000	7/61	0	3
	RCA 501	Y	\$15,000	6/59	68	11
	RCA 601	Y	\$35,000	11/62	2	2
Scientific Data Systems Inc.	SDS-910	Y	\$1700	8/62	22	40
	SDS-920	Y	\$2690	9/62	17	14
	SDS-9300	Y	\$8000	1/61	0	1
Thompson Ramo Wooldridge, Inc.	TRW-230	Y	\$2680	8/63	8	7
	RW-300	Y	\$6000	3/59	37	2
	TRW-330	Y	\$5000	12/60	12	17
	TRW-340	Y	\$6000	12/63	0	4
	TRW-530	Y	\$6000	8/61	19	6
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	49	X
	Solid-State II	Y	\$8500	9/62	27	9
	III	Y	\$20,000	8/62	30	100
	File Computers	N	\$15,000	8/56	58	0
	60 & 120	N	\$1200	-/53	830	4
	Solid-state 80, 90, & Step	Y	\$8000	8/58	393	18
	490	Y	\$26,000	12/61	17	22
	1004	Y	\$1500	2/63	300	1750
	1050	Y	\$7200	9/63	3	11
	1100 Series (ex- cept 1107)	N	\$35,000	12/50	23	X
	1107	Y	\$45,000	10/62	10	10
	LARC	Y	\$135,000	5/60	2	X
X -- no longer in production				TOTALS	16,359	7992

MONTHLY COMPUTER CENSUS

The number of electronic computers installed, or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users -- others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of American-made general purpose computers installed or on order as of the preceding month. We update this

computer census monthly, so that it will serve as a "box-score" of progress for readers interested in following the growth of the American computer industry.

Most of the figures are verified by the respective manufacturers. In cases where this is not so, estimates are made based upon information in the reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF NOVEMBER 20, 1963

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	19	10
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	11	2
	ASI 2100	Y	\$3000	12/63	0	3
Autonetics	RECOMP II	Y	\$2495	11/58	102	X
	RECOMP III	Y	\$1495	6/61	28	X
Burroughs	205	N	\$4600	1/54	55	X
	220	N	\$14,000	10/58	42	X
	E101-103	N	\$875	1/56	140	X
	B250	Y	\$4200	11/61	59	28
	B260	Y	\$3750	11/62	50	38
	B270	Y	\$7000	7/62	35	24
	B280	Y	\$6500	7/62	36	20
	B5000	Y	\$16,200	3/63	11	22
Clary	DE-60/DE-60M	Y	\$525	2/60	125	1
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2750	5/63	2	16
	SPEC	Y	\$800	5/60	10	0
Control Data Corporation	G-15	N	\$1000	7/55	280	X
	G-20	Y	\$15,500	4/61	26	1
	160/160A	Y	\$1750/\$3000	5/60 & 7/61	330	30
	924/924A	Y	\$11,000	8/61	20	18
	1604/1604A	Y	\$35,000	1/60	52	8
	3600	Y	\$52,000	6/63	6	12
	3200	Y	\$9,000	5/64	0	14
	6600	Y	\$150,000	2/64	0	1
Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	45	7
	PDP-4	Y	Sold only about \$60,000	8/62	19	10
	PDP-5	Y	Sold only about \$25,000	9/63	4	12
	PDP-6	Y	Sold only about \$300,000	7/64	0	1
El-tronics, Inc.	ALWAC IIIE	N	\$1820	2/54	32	X
General Electric	210	Y	\$16,000	7/59	79	4
	215	Y	\$5500	11/63	2	22
	225	Y	\$7000	1/61		38
	235	Y	\$10,900	12/63	0	16
General Precision	LGP-21	Y	\$725	12/62	64	30
	LGP-30	semi	\$1300	9/56	472	6
	L-3000	Y	\$45,000	1/60	1	0
	RPC-4000	Y	\$1875	1/61	103	3
Honeywell Electronic Data Processing	H-290	Y	\$3000	8/61	8	X
	H-610	Y	\$3500	9/63	1	6
	H-400	Y	\$5000	12/61	66	40
	H-800	Y	\$22,000	12/60	55	8
	H-1400	Y	\$14,000	3/64	0	10
	H-1800	Y	\$30,000 up	1/64	0	8
	DATAmatic 1000	N		12/57	5	X

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	1	3
IBM	305	N	\$3600	12/57	630	X
	650-card	N	\$4000	11/54	500	X
	650-RAMAC	N	\$9000	11/54	120	X
	1401	Y	\$3500	9/60	6100	1900
	1410	Y	\$12,000	11/61	238	260
	1440	Y	\$1800	4/63	220	2800
	1460	Y	\$9800	10/63	60	320
	1620	Y	\$2000	9/60	1380	130
	701	N	\$5000	4/53	2	X
	7010	Y	\$19,175	10/63	4	30
	702	N	\$6900	2/55	2	X
	7030	Y	\$160,000	5/61	7	1
	704	N	\$32,000	12/55	63	X
	7040	Y	\$14,000	6/63	16	72
	7044	Y	\$26,000	6/63	8	11
	705	N	\$30,000	11/55	115	X
	7070, 2, 4	Y	\$24,000	3/60	450	130
	7080	Y	\$55,000	8/61	60	25
	709	N	\$40,000	8/58	17	X
	7090	Y	\$64,000	11/59	265	25
	7094	Y	\$70,000	9/62	74	55
	7094 II	Y	\$76,000	4/64	0	55
Information Systems, Inc.	ISI-609	Y	\$4000	2/58	19	1
ITT	7300 ADX	Y	\$25,000	7/62	6	3
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	177	2
	Monrobot XI	Y	\$700	12/60	280	209
National Cash Register Co.	- 304	Y	\$14,000	1/60	29	0
	- 310	Y	\$2000	5/61	46	36
	- 315	Y	\$8500	5/62	110	135
	- 390	Y	\$1850	1/64	422	275
Packard Bell	PB 250	Y	\$1200	12/60	151	11
	PB 410	Y	\$3500	11/63	0	12
Philco	1000	Y	\$7010	6/63	7	13
	2000-212	Y	\$52,000	1/63	5	6
	-210, 211	Y	\$40,000	10/58	18	8
Radio Corp. of America	Bizmac	N		-/56	4	X
	RCA 301	Y	\$6000	2/61	335	205
	RCA 3301	Y	\$15,000	7/64	0	5
	RCA 501	Y	\$15,000	6/59	68	11
	RCA 601	Y	\$35,000	11/62	2	2
Scientific Data Systems Inc.	SDS-910	Y	\$2000	8/62	32	15
	SDS-920	Y	\$2700	9/62	24	10
	SDS-930	Y	\$4000	4/64	0	2
	SDS-9300	Y	\$7000	1/64	0	1
Thompson Ramo Wooldridge, Inc.	TRW-230	Y	\$2680	8/63	8	7
	RW-300	Y	\$6000	3/59	37	2
	TRW-330	Y	\$5000	12/60	12	17
	TRW-340	Y	\$6000	12/63	0	4
	TRW-530	Y	\$6000	8/61	20	5
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	44	X
	Solid-State II	Y	\$8500	9/62	30	8
	III	Y	\$20,000	8/62	31	98
	File Computers	N	\$15,000	8/56	53	X
	Solid-state 80, 90, & Step	Y	\$8000	8/58	390	15
	490	Y	\$26,000	12/61	20	20
	1004	Y	\$1500	2/63	460	1820
	1050	Y	\$7200	9/63	5	17
	1100 Series (ex- cept 1107)	N	\$35,000	12/50	21	X
	1107	Y	\$45,000	10/62	11	10
	LARC	Y	\$135,000	5/60	2	X
X -- no longer in production				TOTALS	15,609	9271

NOTE: The UNIVAC 60 and 120 plugboard programmed calculators have been deleted from the Computer Census.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed, or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users -- others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of American-made general purpose computers installed or on order as of the preceding month. We update this

computer census monthly, so that it will serve as a "box-score" of progress for readers interested in following the growth of the American computer industry.

Most of the figures are verified by the respective manufacturers. In cases where this is not so, estimates are made based upon information in the reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF DECEMBER 20, 1963

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	20	9
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	11	2
	ASI 2100	Y	\$3000	12/63	1	3
Autonetics	RECOMP II	Y	\$2495	11/58	98	X
	RECOMP III	Y	\$1495	6/61	26	X
Burroughs	205	N	\$4600	1/54	67	X
	220	N	\$14,000	10/58	47	X
	E101-103	N	\$875	1/56	135	X
	B250	Y	\$4200	11/61	36	10
	B260	Y	\$3750	11/62	60	60
	B270	Y	\$7000	7/62	54	45
	B280	Y	\$6500	7/62	78	55
	B5000	Y	\$16,200	3/63	22	11
Clary	DE-60/DE-60M	Y	\$525	2/60	131	6
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2750	5/63	4	35
	SPEC	Y	\$800	5/60	10	0
Control Data Corporation	G-15	N	\$1000	7/55	280	X
	G-20	Y	\$15,500	4/61	26	1
	160/160A	Y	\$1750/\$3000	5/60 & 7/61	330	14
	924/924A	Y	\$11,000	8/61	20	9
	1604/1604A	Y	\$35,000	1/60	52	2
	3600	Y	\$52,000	6/63	9	4
	3200	Y	\$9000	5/64	0	8
	6600	Y	\$150,000	2/64	0	2
Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	45	7
	PDP-4	Y	Sold only about \$60,000	8/62	19	10
	PDP-5	Y	Sold only about \$25,000	9/63	4	12
	PDP-6	Y	Sold only about \$300,000	7/64	0	1
El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	30	X
Friden	6010	Y	\$650	6/63	11	35
General Electric	210	Y	\$16,000	7/59	71	5
	215	Y	\$5500	11/63	8	20
	225	Y	\$7000	1/61	170	55
	235	Y	\$10,900	12/63	1	10
	425	Y	\$6500	7/64	0	12
	435	Y	\$12,000	11/64	0	2
	455	Y	\$18,000	6/65	0	0
	465	Y	\$24,000	6/65	0	0
General Precision	LGP-21	Y	\$725	12/62	68	40
	LGP-30	semi	\$1300	9/56	460	6
	L-3000	Y	\$45,000	1/60	1	0
	RPC-4000	Y	\$1875	1/61	100	3

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	
Honeywell Electronic Data Processing	H-200	Y	\$3500	7/64	0	210	
	H-290	Y	\$3000	8/61	8	X	
	H-610	Y	\$3500	9/63	2	6	
	H-400	Y	\$5000	12/61	78	41	
	H-800	Y	\$22,000	12/60	55	8	
	H-1400	Y	\$14,000	3/64	0	10	
	H-1800	Y	\$30,000 up	1/64	0	8	
	DATAmatic 1000	N		12/57	5	X	
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	1	3	
IBM	305	N	\$3600	12/57	610	X	
	650-card	N	\$4000	11/54	470	X	
	650-RAMAC	N	\$9000	11/54	110	X	
	1401	Y	\$3500	9/60	6200	1400	
	1410	Y	\$12,000	11/61	252	245	
	1440	Y	\$1800	4/63	360	2900	
	1460	Y	\$9800	10/63	110	340	
	1620	Y	\$2000	9/60	1350	110	
	701	N	\$5000	4/53	2	X	
	7010	Y	\$19,175	10/63	6	28	
	702	N	\$6900	2/55	2	X	
	7030	Y	\$160,000	5/61	7	1	
	704	N	\$32,000	12/55	61	X	
	7040	Y	\$14,000	6/63	19	70	
	7044	Y	\$26,000	6/63	12	15	
	705	N	\$30,000	11/55	112	X	
	7070, 2, 4	Y	\$24,000	3/60	450	120	
7080	Y	\$55,000	8/61	64	24		
709	N	\$40,000	8/58	15	X		
7090	Y	\$64,000	11/59	250	20		
7094	Y	\$70,000	9/62	86	120		
7094 II	Y	\$76,000	4/64	0	80		
Information Systems, Inc.	ISI-609	Y	\$4000	2/58	19	1	
ITT	7300 ADX	Y	\$25,000	7/62	7	3	
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/50	100	2	
	Monrobot XI	Y	\$700	12/60	329	184	
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	27	0	
	- 310	Y	\$2000	5/61	42	35	
	- 315	Y	\$8500	5/62	132	120	
	- 390	Y	\$1850	5/61	485	220	
Packard Bell	PB 250	Y	\$1200	12/60	148	9	
	PB 440	Y	\$3500	1/64	0	10	
Philco	1000	Y	\$7010	6/63	9	13	
	2000-212	Y	\$52,000	1/63	6	7	
	-210, 211	Y	\$40,000	10/58	18	8	
Radio Corp. of America	Bizmac	N		-/56	4	X	
	RCA 301	Y	\$6000	2/61	370	166	
	RCA 3301	Y	\$15,000	7/64	0	6	
	RCA 501	Y	\$15,000	6/59	90	10	
	RCA 601	Y	\$35,000	11/62	3	3	
Scientific Data Systems Inc.	SDS-910	Y	\$2000	8/62	36	17	
	SDS-920	Y	\$2700	9/62	28	13	
	SDS-930	Y	\$4000	4/64	0	3	
	SDS-9300	Y	\$7000	4/64	0	2	
Thompson Ramo Wooldridge, Inc	TRW-230	Y	\$2680	8/63	10	8	
	RW-300	Y	\$6000	3/59	36	2	
	TRW-330	Y	\$5000	12/60	12	17	
	TRW-340	Y	\$6000	12/63	1	4	
	TRW-530	Y	\$6000	8/61	21	5	
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	40	X	
	Solid-State II	Y	\$8500	9/62	33	9	
	III	Y	\$20,000	8/62	38	90	
	File Computers	N	\$15,000	8/56	52	X	
	Solid-State 80, 90, & Step	Y	\$8000	8/58	388	12	
	490	Y	\$26,000	12/61	21	21	
	1004	Y	\$1500	2/63	650	1820	
	1050	Y	\$7200	9/63	8	180	
	1100 Series (ex- cept 1107)	N	\$35,000	12/50	20	X	
	1107	Y	\$45,000	10/62	12	11	
LARC	Y	\$135,000	5/60	2	X		
X -- no longer in production					TOTALS	16,482	9264

MONTHLY COMPUTER CENSUS

The number of electronic computers installed, or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users -- others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of American-made general purpose computers installed or on order as of the preceding month. We update this

computer census monthly, so that it will serve as a "box-score" of progress for readers interested in following the growth of the American computer industry.

Most of the figures are verified by the respective manufacturers. In cases where this is not so, estimates are made based upon information in the reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF FEBRUARY 15, 1964

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	19	8
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	15	2
	ASI 2100	Y	\$3000	12/63	2	3
Autonetics	RECOMP II	Y	\$2495	11/58	88	X
	RECOMP III	Y	\$1495	6/61	23	X
Bunker-Ramo Corp.	TRW-230	Y	\$2680	8/63	10	X
	RW-300	Y	\$6000	3/59	35	X
	TRW-330	Y	\$5000	12/60	26	5
	TRW-340	Y	\$6000	12/63	2	7
	TRW-530	Y	\$6000	8/61	20	X
Burroughs	205	N	\$4600	1/54	62	X
	220	N	\$14,000	10/58	45	X
	E101-103	N	\$875	1/56	125	X
	E2100	Y	\$535	8/64	0	25
	B250	Y	\$4200	11/61	40	10
	B260	Y	\$3750	11/62	68	57
	B270	Y	\$7000	7/62	58	44
	B280	Y	\$6500	7/62	84	55
	B5000	Y	\$16,200	3/63	24	13
Clary	DE-60/DE-60M	Y	\$525	2/60	160	3
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2750	5/63	4	41
	SPEC	Y	\$800	5/60	10	X
Control Data Corporation	G-15	N	\$1000	7/55	306	X
	G-20	Y	\$15,500	4/61	26	1
	160/160A	Y	\$1750/\$3000	5/60 & 7/61	340	25
	924/924A	Y	\$11,000	8/61	22	9
	1604/1604A	Y	\$35,000	1/60	55	12
	3600	Y	\$52,000	6/63	11	17
	3400	Y	\$32,000	11/64	0	2
	3200	Y	\$9000	5/64	0	28
	6600	Y	\$150,000	2/64	0	3
Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	48	8
	PDP-4	Y	Sold only about \$60,000	8/62	23	13
	PDP-5	Y	Sold only about \$25,000	9/63	7	21
	PDP-6	Y	Sold only about \$300,000	7/64	0	1
El-tronics, Inc.	ALWAC IIIE	N	\$1820	2/54	28	X
Friden	6010	Y	\$650	6/63	72	73
General Electric	210	Y	\$16,000	7/59	72	4
	215	Y	\$5500	11/63	12	18
	225	Y	\$7000	1/61	160	40
	235	Y	\$10,900	12/63	2	10
	425	Y	\$6500	7/64	0	19
	435	Y	\$12,000	10/64	0	7
	455	Y	\$18,000	6/65	0	1
	465	Y	\$24,000	6/65	0	0

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	
General Precision	LGP-21	Y	\$725	12/52	82	40	
	LGP-30	semi	\$1300	9/56	445	3	
	RPC-4000	Y	\$1875	1/61	100	3	
Honeywell Electronic Data Processing	H-200	Y	\$4200	3/64	0	340	
	H-290	Y	\$3000	8/61	9	X	
	H-400	Y	\$5000	12/61	88	33	
	H-610	Y	\$3500	9/63	2	9	
	H-800	Y	\$22,000	12/60	59	5	
	H-1400	Y	\$14,000	1/64	1	11	
	H-1800	Y	\$30,000	1/64	2	7	
	DATAmatic 1000	N	--	12/57	5	X	
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	2	3	
IBM	305	N	\$3600	12/57	590	X	
	650-card	N	\$4000	11/54	440	X	
	650-RAMAC	N	\$9000	11/54	95	X	
	1401	Y	\$3500	9/60	6500	800	
	1401-G	Y	\$1900	5/64	0	700	
	1410	Y	\$12,000	11/61	275	220	
	1440	Y	\$1800	4/63	530	2700	
	1460	Y	\$9800	10/63	130	350	
	1620	Y	\$2000	9/60	1440	70	
	701	N	\$5000	4/53	1	X	
	7010	Y	\$19,175	10/63	7	25	
	702	N	\$6900	2/55	2	X	
	7030	Y	\$160,000	5/61	7	1	
	704	N	\$32,000	12/55	50	X	
	7040	Y	\$14,000	6/63	28	60	
	7044	Y	\$26,000	6/63	16	16	
	705	N	\$30,000	11/55	102	X	
	7070, 2, 4	Y	\$24,000	3/60	448	105	
	7080	Y	\$55,000	8/61	62	20	
	709	N	\$40,000	8/58	12	X	
7090	Y	\$61,000	11/59	77	10		
7094	Y	\$70,000	9/62	225	70		
7094 II	Y	\$76,000	4/64	0	140		
ITT	7300 ADX	Y	\$25,000	7/62	8	2	
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	169	X	
	Monrobot XI	Y	\$700	12/60	351	189	
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	0	
	- 310	Y	\$2000	5/61	44	5	
	- 315	Y	\$8500	5/62	149	105	
	- 390	Y	\$1850	5/61	525	210	
Packard Bell	PB 250	Y	\$1200	12/60	150	10	
	PB 440	Y	\$3500	2/64	0	10	
Philco	1000	Y	\$7010	6/63	14	10	
	2000-212	Y	\$52,000	1/63	6	6	
	-210, 211	Y	\$40,000	10/58	19	6	
Radio Corp. of America	Bizmac	N		-/56	4	X	
	RCA 301	Y	\$6000	2/61	394	152	
	RCA 3301	Y	\$20,000	7/64	0	7	
	RCA 501	Y	\$15,000	6/59	94	5	
	RCA 601	Y	\$35,000	11/62	3	3	
Scientific Data Systems Inc.	SDS-910	Y	\$2000	8/62	43	42	
	SDS-920	Y	\$2700	9/62	31	15	
	SDS-930	Y	\$4000	4/64	0	5	
	SDS-9300	Y	\$7000	4/64	0	2	
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	37	X	
	Solid-State II	Y	\$8500	9/62	37	8	
	III	Y	\$20,000	8/62	50	85	
	File Computers	N	\$15,000	8/56	48	X	
	Solid-State 80, 90, & Step	Y	\$8000	8/58	365	8	
	418	Y	\$11,000	6/63	2	6	
	490	Y	\$26,000	12/61	26	22	
	1004	Y	\$1500	2/63	900	1500	
	1050	Y	\$7200	9/63	17	178	
	1100 Series (ex- cept 1107)	N	\$35,000	12/50	18	X	
	1107	Y	\$45,000	10/62	15	13	
	LARC	Y	\$135,000	5/60	2	X	
	X = no longer in production					TOTALS	17,486

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so

that it will serve as a "box-score" of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

Most of the installation figures, and some of the unfilled order figures, are verified by the respective manufacturers. In cases where this is not so, estimates are based on information in the market research reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF MARCH 20, 1964

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	18	7
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	15	2
	ASI 2100	Y	\$3000	12/63	2	3
Autonetics	RECOMP II	Y	\$2495	11/58	78	X
	RECOMP III	Y	\$1495	6/61	21	X
Bunker-Ramo Corp.	TRW-230	Y	\$2680	8/63	10	X
	RW-300	Y	\$6000	3/59	35	X
	TRW-330	Y	\$5000	12/60	27	6
	TRW-340	Y	\$6000	12/63	3	6
	TRW-530	Y	\$6000	8/61	20	X
Burroughs	205	N	\$4600	1/54	68	X
	220	N	\$14,000	10/58	46	X
	E101-103	N	\$875	1/56	135	X
	E2100	Y	\$535	8/64	0	160
	B250	Y	\$4200	11/61	41	12
	B260	Y	\$3750	11/62	68	60
	B270	Y	\$7000	7/62	60	45
	B280	Y	\$6500	7/62	83	58
	B5000	Y	\$16,200	3/63	25	15
Clary	DE-60/DE-60M	Y	\$525	2/60	160	3
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$3080	5/63	11	28
	SPEC	Y	\$800	5/60	10	X
Control Data Corporation	G-15	N	\$1000	7/55	306	X
	G-20	Y	\$15,500	4/61	27	X
	160/160A*	Y	\$1750/\$3000	5/60 & 7/61	345	22
	924/924A	Y	\$11,000	8/61	23	8
	1604/1604A	Y	\$35,000	1/60	56	15
	3600	Y	\$52,000	6/63	12	18
	3400	Y	\$32,000	11/64	0	10
	3200	Y	\$9000	5/64	0	30
	6600	Y	\$150,000	3/64	1	2
Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	54	7
	PDP-4	Y	Sold only about \$60,000	8/62	32	12
	PDP-5	Y	Sold only about \$25,000	9/63	12	26
	PDP-6	Y	Sold only about \$300,000	7/64	0	1
El-tronics, Inc.	ALWAC IIIE	N	\$1820	2/54	25	X
Friden	6010	Y	Sold only about \$22,000	6/63	77	88
General Electric	210	Y	\$16,000	7/59	72	4
	215	Y	\$5500	11/63	14	15
	225	Y	\$7000	1/61	160	30
	235	Y	\$10,900	12/63	5	10
	425	Y	\$6500	7/64	0	22
	435	Y	\$12,000	10/64	0	8
	455	Y	\$18,000	6/65	0	2
	465	Y	\$24,000	6/65	0	1

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
General Precision	LGP-21	Y	\$725	12/52	90	45
	LGP-30	semi	\$1300	9/56	440	3
	RPC-4000	Y	\$1875	1/61	98	3
Honeywell Electronic Data Processing	H-200	Y	\$4200	3/64	0	375
	H-400	Y	\$5000	12/61	92	34
	H-800	Y	\$22,000	12/60	60	5
	H-1400	Y	\$14,000	1/64	4	12
	H-1800	Y	\$30,000	1/64	3	6
	DATAmatic 1000	N	--	12/57	5	X
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	3	3
IBM	305	N	\$3600	12/57	580	X
	650-card	N	\$4000	11/54	435	X
	650-RAMAC	N	\$9000	11/54	90	X
	1401	Y	\$3500	9/60	6550	750
	1401-G	Y	\$1900	5/64	0	750
	1410	Y	\$12,000	11/61	285	205
	1440	Y	\$1800	4/63	630	2650
	1460	Y	\$9800	10/63	150	350
	1620	Y	\$2000	9/60	1450	60
	701	N	\$5000	4/53	1	X
	7010	Y	\$19,175	10/63	8	24
	702	N	\$6900	2/55	2	X
	7030	Y	\$160,000	5/61	7	X
	704	N	\$32,000	12/55	48	X
	7040	Y	\$14,000	6/63	30	55
	7044	Y	\$26,000	6/63	18	17
	705	N	\$30,000	11/55	100	X
	7070, 2, 4	Y	\$24,000	3/60	450	100
	7080	Y	\$55,000	8/61	63	19
	709	N	\$40,000	8/58	12	X
7090	Y	\$61,000	11/59	72	5	
7094	Y	\$70,000	9/62	235	70	
7094 II	Y	\$76,000	4/64	0	145	
ITT	7300 ADX	Y	\$25,000	7/62	8	2
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	169	X
	Monrobot XI	Y	\$700	12/60	355	185
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	0
	- 310*	Y	\$2000	5/61	45	4
	- 315	Y	\$8500	5/62	155	102
	- 390	Y	\$1850	5/61	535	205
Packard Bell	PB 250	Y	\$1200	12/60	150	10
	PB 440	Y	\$3500	3/64	1	9
Philco	1000	Y	\$7010	6/63	14	10
	2000-212	Y	\$52,000	1/63	6	6
	-210, 211	Y	\$40,000	10/58	19	6
Radio Corp. of America	Bizmac	N		-/56	4	X
	RCA 301	Y	\$6000	2/61	396	150
	RCA 3301	Y	\$20,000	7/64	0	9
	RCA 501	Y	\$15,000	6/59	94	5
	RCA 601	Y	\$35,000	11/62	3	2
Scientific Data Systems Inc.	SDS-910	Y	\$2000	8/62	44	42
	SDS-920	Y	\$2700	9/62	31	15
	SDS-930	Y	\$4000	4/64	0	6
	SDS-9300	Y	\$7000	4/64	0	2
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	36	X
	Solid-State II	Y	\$8500	9/62	38	7
	III	Y	\$20,000	8/62	53	82
	File Computers	N	\$15,000	8/56	45	X
	Solid-State 80, 90, & Step	Y	\$8000	8/58	360	5
	418	Y	\$11,000	6/63	3	5
	490	Y	\$26,000	12/61	27	21
	1004	Y	\$1500	2/63	990	1430
	1050	Y	\$7200	9/63	22	176
	1100 Series (ex- cept 1107)	N	\$35,000	12/50	18	X
	1107	Y	\$45,000	10/62	16	13
	LARC	Y	\$135,000	5/60	2	X
	TOTALS					17,836

X = no longer in production.

*To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so

that it will serve as a "box-score" of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

Most of the installation figures, and some of the unfilled order figures, are verified by the respective manufacturers. In cases where this is not so, estimates are based on information in the market research reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF APRIL 6, 1964

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	18	7
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	16	2
	ASI 2100	Y	\$3000	12/63	3	3
Autonetics	RECOMP II	Y	\$2495	11/58	72	X
	RECOMP III	Y	\$1495	6/61	20	X
Bunker-Ramo Corp.	TRW-230	Y	\$2680	8/63	10	X
	RW-300	Y	\$6000	3/59	35	X
	TRW-330	Y	\$5000	12/60	27	6
	TRW-340	Y	\$6000	12/63	3	8
	TRW-530	Y	\$6000	8/61	20	X
Burroughs	205	N	\$4600	1/54	67	X
	220	N	\$14,000	10/58	46	X
	E101-103	N	\$875	1/56	134	X
	E2100	Y	\$535	8/64	0	160
	B100	Y	\$2800	5/64	0	11
	B250	Y	\$4200	11/61	43	11
	B260	Y	\$3750	11/62	69	58
	B270	Y	\$7000	7/62	62	48
	B280	Y	\$6500	7/62	83	55
	B5000	Y	\$16,200	3/63	28	18
Clary	DE-60/DE-60M	Y	\$525	2/60	206	6
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$3080	5/63	13	33
	SPEC	Y	\$800	5/60	10	X
Control Data Corporation	G-15	N	\$1000	7/55	306	X
	G-20	Y	\$15,500	4/61	27	X
	160/160A*	Y	\$1750/\$3000	5/60 & 7/61	350	25
	924/924A	Y	\$11,000	8/61	25	7
	1604/1604A	Y	\$35,000	1/60	57	14
	3600	Y	\$52,000	6/63	13	19
	3400	Y	\$32,000	11/64	0	12
	3200	Y	\$9000	5/64	0	38
	6600	Y	\$150,000	4/64	1	2
Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	50	6
	PDP-4	Y	Sold only about \$60,000	8/62	26	13
	PDP-5	Y	Sold only about \$25,000	9/63	23	30
	PDP-6	Y	Sold only about \$300,000	7/64	0	1
El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	25	X
Friden	6010	Y	Sold only about \$22,000	6/63	77	88
General Electric	210	Y	\$16,000	7/59	72	4
	215	Y	\$5500	11/63	16	10
	225	Y	\$7000	1/61	162	22
	235	Y	\$10,900	12/63	6	10
	415	Y	\$5500	10/64	0	60
	425	Y	\$6500	7/64	0	28
	435	Y	\$12,000	10/64	0	10

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
General Electric (Cont'd)	455	Y	\$18,000	6/65	0	6
	465	Y	\$24,000	6/65	0	3
General Precision	LGP-21	Y	\$725	12/62	95	48
	LGP-30	semi	\$1300	9/56	435	2
	RPC-4000	Y	\$1875	1/61	98	3
Honeywell Electronic Data Processing	H-200	Y	\$4200	3/64	4	490
	H-400	Y	\$5000	12/61	94	32
	H-800	Y	\$22,000	12/60	61	4
	H-1400	Y	\$14,000	1/64	5	12
	H-1800	Y	\$30,000	1/64	3	5
	DATAmatic 1000	N	--	12/57	5	X
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	3	3
IBM	305	N	\$3600	12/57	570	X
	650-card	N	\$4000	11/54	430	X
	650-RAMAC	N	\$9000	11/54	88	X
	1401	Y	\$3500	9/60	6650	740
	1401-G	Y	\$1900	5/64	0	780
	1410	Y	\$12,000	11/61	295	210
	1440	Y	\$1800	4/63	760	2550
	1460	Y	\$9800	10/63	190	450
	1620	Y	\$2000	9/60	1475	55
	701	N	\$5000	4/53	1	X
	7010	Y	\$19,175	10/63	30	35
	702	N	\$6900	2/55	2	X
	7030	Y	\$160,000	5/61	7	X
	704	N	\$32,000	12/55	47	X
	7040	Y	\$14,000	6/63	32	50
	7044	Y	\$26,000	6/63	21	16
	705	N	\$30,000	11/55	98	X
	7070, 2, 4	Y	\$24,000	3/60	460	100
	7080	Y	\$55,000	8/61	64	17
	709	N	\$40,000	8/58	12	X
	7090	Y	\$64,000	11/59	70	6
7094	Y	\$70,000	9/62	245	60	
7094 II	Y	\$76,000	4/64	3	148	
ITT	7300 ADX	Y	\$18,000	7/62	8	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	169	X
	Monrobot XI	Y	\$700	12/60	364	185
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	0
	- 310*	Y	\$2000	5/61	46	2
	- 315	Y	\$8500	5/62	160	100
	- 390	Y	\$1850	5/61	555	195
Packard Bell	PB 250	Y	\$1200	12/60	150	10
	PB 440	Y	\$3500	3/64	2	10
Philco	1000	Y	\$7010	6/63	15	8
	2000-212	Y	\$52,000	1/63	6	5
	-210, 211	Y	\$40,000	10/58	18	5
Radio Corp. of America	Bizmac	N	-/56	-/56	4	X
	RCA 301	Y	\$6000	2/61	400	152
	RCA 3301	Y	\$20,000	7/64	0	9
	RCA 501	Y	\$15,000	6/59	94	5
Scientific Data Systems Inc.	RCA 601	Y	\$35,000	11/62	3	2
	SDS-910	Y	\$2000	8/62	49	42
	SDS-920	Y	\$2700	9/62	38	14
	SDS-930	Y	\$4000	4/64	0	12
UNIVAC	SDS-9300	Y	\$7000	4/64	0	2
	I & II	N	\$25,000	3/51 & 11/57	35	X
	Solid-State II	Y	\$8500	9/62	38	7
	III	Y	\$20,000	8/62	60	80
	File Computers	N	\$15,000	8/56	43	X
	Solid-State 80, 90, & Step	Y	\$8000	8/58	350	3
	418	Y	\$11,000	6/63	4	5
	490	Y	\$26,000	12/61	29	20
	1004	Y	\$1900	2/63	1100	1050
	1050	Y	\$8000	9/63	30	200
	1100 Series (except 1107)	N	\$35,000	12/50	17	X
	1107	Y	\$45,000	10/62	17	14
	LARC	Y	\$135,000	5/60	2	X
	TOTALS					18,409

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070, and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so

that it will serve as a "box-score" of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

Most of the installation figures, and some of the unfilled order figures, are verified by the respective manufacturers. In cases where this is not so, estimates are based on information in the market research reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF JUNE 10, 1964

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS**
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	16	7
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	18	2
	ASI 2100	Y	\$3000	12/63	4	2
Autonetics	RECOMP II	Y	\$2495	11/58	60	X
	RECOMP III	Y	\$1495	6/61	18	X
Bunker-Ramo Corp.	TRW-230	Y	\$2680	8/63	11	2
	RW-300	Y	\$5000	3/59	40	X
	TRW-330	Y	\$5000	12/60	30	X
	TRW-340	Y	\$7000	12/63	4	14
	TRW-530	Y	\$6000	8/61	22	4
Burroughs	205	N	\$4600	1/54	64	X
	220	N	\$14,000	10/58	44	X
	E101-103	N	\$875	1/56	130	X
	E2100	Y	\$535	8/64	0	625
	B100	Y	\$2800	5/64	2	33
	B250	Y	\$4200	11/61	47	13
	B260	Y	\$3750	11/62	74	56
	B270	Y	\$7000	7/62	65	46
	B280	Y	\$6500	7/62	88	51
	B5000	Y	\$16,200	3/63	32	24
Clary	DE-60/DE-60M	Y	\$525	2/60	216	5
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2500	5/63	23	16
	DDP-224	Y	\$3300	12/64	0	5
Control Data Corporation	G-15	N	\$1000	7/55	304	X
	G-20	Y	\$15,500	4/61	27	X
	160/160A*	Y	\$1750/\$3000	5/60 & 7/61	362	14
	924/924A	Y	\$11,000	8/61	28	6
	1604/1604A	Y	\$35,000	1/60	57	2
	3600	Y	\$52,000	6/63	16	25
	3400	Y	\$32,000	11/64	0	17
	3200	Y	\$9000	5/64	1	52
	6600	Y	\$150,000	5/64	1	2
	Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	52
PDP-4		Y	Sold only about \$60,000	8/62	28	10
PDP-5		Y	Sold only about \$25,000	9/63	34	28
PDP-6		Y	Sold only about \$300,000	7/64	0	4
PDP-7		Y	Sold only about \$72,000	10/64	0	2
El-tronics, Inc.	ALWAC IIIE	N	\$1820	2/54	24	X
Friden	6010	Y	Sold only	6/63	115	100
			about \$20,000			
General Electric	210	Y	\$16,000	7/59	73	1
	215	Y	\$5500	11/63	19	4
	225	Y	\$7000	1/61	166	6
	235	Y	\$10,900	12/63	10	8
	415	Y	\$5500	10/64	0	105
	425	Y	\$7500	7/64	0	36
	435	Y	\$12,000	10/64	0	19
	455	Y	\$18,000	6/65	0	10
	465	Y	\$24,000	6/65	0	5

NAME OF MANUFACTURER	NAME OF COMPUTER	STATE STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS**
General Precision	LGP-21	Y	\$725	12/62	107	55
	LGP-30	semi	\$1300	9/56	445	4
	RPC-4000	Y	\$1875	1/61	101	2
Honeywell Electronic Data Processing	H-200	Y	\$4200	3/64	7	490
	H-300	Y	\$3900	7/65	0	8
	H-400	Y	\$5000	12/61	95	18
	H-800	Y	\$22,000	12/60	61	3
	H-1400	Y	\$14,000	1/64	6	10
	H-1800	Y	\$30,000	1/64	3	7
	DATAmatic 1000	N	---	12/57	5	X
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	3	3
IBM	305	N	\$3600	12/57	540	X
	360/30	Y	\$4200	7/65	0	550
	360/40	Y	\$9600	7/65	0	210
	360/50	Y	\$18,000	9/65	0	170
	360/60	Y	\$35,000	10/65	0	85
	360/62	Y	\$50,000	11/65	0	18
	360/70	Y	\$80,000	10/65	0	90
	650-card	N	\$4000	11/54	410	X
	650-RAMAC	N	\$9000	11/54	82	X
	1401	Y	\$4500	9/60	6950	750
	1401-G	Y	\$1900	5/64	20	900
	1410	Y	\$12,000	11/61	310	170
	1440	Y	\$1800	4/63	900	1600
	1460	Y	\$9800	10/63	255	480
	1620	Y	\$2000	9/60	1480	30
	701	N	\$5000	4/53	1	X
	7010	Y	\$19,175	10/63	35	31
	702	N	\$6900	2/55	2	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	44	X
	7040	Y	\$14,000	6/63	42	50
	7044	Y	\$26,000	6/63	32	18
	705	N	\$30,000	11/55	88	X
7070, 2, 4	Y	\$24,000	3/60	480	60	
7080	Y	\$55,000	8/61	68	10	
709	N	\$40,000	8/58	11	X	
7090	Y	\$64,000	11/59	60	4	
7094	Y	\$70,000	9/62	250	30	
7094 II	Y	\$76,000	4/64	25	85	
ITT	7300 ADX	Y	\$18,000	7/62	8	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/59	160	X
	Monrobot XI	Y	\$700	12/60	380	180
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	0
	- 310	Y	\$2000	5/61	46	1
	- 315	Y	\$8500	5/62	174	100
	- 390	Y	\$1850	5/61	580	175
Packard Bell	PB 250	Y	\$1200	12/60	153	10
	PB 440	Y	\$3500	3/64	2	8
Philco	1000	Y	\$7010	6/63	16	7
	2000-212	Y	\$52,000	1/63	6	5
	-210, 211	Y	\$40,000	10/58	19	4
Radio Corp. of America	Bizmac	N		-/56	4	X
	RCA 301	Y	\$6000	2/61	414	155
	RCA 3301	Y	\$20,000	4/64	1	16
	RCA 501	Y	\$15,000	6/59	96	4
	RCA 601	Y	\$35,000	11/62	4	1
Scientific Data Systems Inc.	SDS-910	Y	\$2000	8/62	59	38
	SDS-920	Y	\$2700	9/62	45	8
	SDS-930	Y	\$4000	5/64	1	14
	SDS-9300	Y	\$7000	8/64	0	2
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	33	X
	Solid-State II	Y	\$8500	9/62	41	4
	III	Y	\$20,000	8/62	68	65
	File Computers	N	\$15,000	8/56	40	X
	Solid-State 80, 90, & Step	Y	\$8000	8/58	344	1
	418	Y	\$11,000	6/63	5	8
	490	Y	\$26,000	12/61	32	24
	1004	Y	\$1900	2/63	1250	1075
	1050	Y	\$8000	9/63	47	260
	1100 Series (ex- cept 1107)	N	\$35,000	12/50	15	X
	1107	Y	\$45,000	10/62	18	14
	LARC	Y	\$135,000	5/60	2	X
TOTALS					19,349	9491

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070, and 7090 computers respectively.

** Some of the unfilled order figures are verified by the respective manufacturers; others are estimated and then reviewed by a group of computer industry authorities.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

Most of the installation figures, and some of the unfilled order figures, are verified by the respective manufacturers. In cases where this is not so, estimates are based on information in the market research reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF JULY 10, 1964

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS**
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	11	1
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	20	2
	ASI 2100	Y	\$3000	12/63	5	2
Autonetics	RECOMP II	Y	\$2495	11/58	66	X
	RECOMP III	Y	\$1495	6/61	17	X
Bunker-Ramo Corp.	TRW-230	Y	\$2680	8/63	11	3
	RW-300	Y	\$5000	3/59	40	X
	TRW-330	Y	\$5000	12/60	30	X
	TRW-340	Y	\$7000	12/63	6	15
	TRW-530	Y	\$6000	8/61	22	4
Burroughs	205	N	\$4600	1/54	63	X
	220	N	\$14,000	10/58	43	X
	E101-103	N	\$875	1/56	128	X
	E2100	Y	\$535	8/64	0	620
	B100	Y	\$2800	11/64	0	29
	B250	Y	\$4200	11/61	85	18
	B260	Y	\$3750	11/62	58	26
	B270	Y	\$7000	7/62	80	38
	B280	Y	\$6500	7/62	88	45
	B370	Y	\$8400	7/65	0	13
	B5000	Y	\$16,200	3/63	33	25
Clary	DE-60/DE-60M	Y	\$525	2/60	216	5
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2500	5/63	34	17
	DDP-224	Y	\$3300	12/64	0	5
Control Data Corporation	G-15	N	\$1000	7/55	321	X
	G-20	Y	\$15,500	4/61	26	X
	160*/160A/160G	Y	\$1750/\$3000/\$4800	5/60;7/61;3/64	376	25
	924/924A	Y	\$11,000	8/61	26	5
	1604/1604A	Y	\$35,000	1/60	60	X
	3200	Y	\$9000	5/64	6	65
	3400	Y	\$32,000	11/64	0	18
	3600	Y	\$52,000	6/63	21	30
Digital Equipment Corp.	6600	Y	\$110,000	6/64	1	3
	PDP-1	Y	Sold only about \$120,000	11/60	52	2
	PDP-4	Y	Sold only about \$60,000	8/62	39	15
	PDP-5	Y	Sold only about \$25,000	9/63	40	40
	PDP-6	Y	Sold only about \$300,000	8/64	0	5
	PDP-7	Y	Sold only about \$72,000	10/64	0	6
El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	24	X
Friden	6010	Y	Sold only about \$20,000	6/63	137	96
General Electric	205	Y	\$2900	9/64	0	10
	210	Y	\$16,000	7/59	60	X
	215	Y	\$5500	11/63	20	8
	225	Y	\$7000	1/61	120	2
	235	Y	\$10,900	12/63	15	20
	415	Y	\$5500	5/64	3	100
	425	Y	\$7500	7/64	0	40
	435	Y	\$12,000	10/64	0	21
	455	Y	\$18,000	6/65	0	10
	465	Y	\$24,000	6/65	0	6
General Precision	LGP-21	Y	\$725	12/62	115	59
	LGP-30	semi	\$1300	9/56	440	5
	RPC-4000	Y	\$1875	1/61	101	2
Honeywell Electronic Data Processing	H-200	Y	\$4200	3/64	13	595
	H-300	Y	\$3900	7/65	0	4
	H-400	Y	\$5000	12/61	97	15
	H-800	Y	\$22,000	12/60	62	8
	H-1400	Y	\$14,000	1/64	6	6

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS**
	H-1800	Y	\$30,000	1/64	3	8
	H-2200	Y	\$11,000	10/65	0	9
	DATAmatic 1000	N	---	12/57	5	X
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	3	3
IBM	305	N	\$3600	12/57	535	X
	360/30	Y	\$4200	7/65	0	660
	360/40	Y	\$9600	7/65	0	285
	360/50	Y	\$18,000	9/65	0	205
	360/60	Y	\$35,000	10/65	0	100
	360/62	Y	\$50,000	11/65	0	22
	360/70	Y	\$80,000	10/65	0	115
	650-card	N	\$4000	11/54	400	X
	650-RAMAC	N	\$9000	11/54	80	X
	1401	Y	\$4500	9/60	7200	900
	1401-G	Y	\$1900	5/64	100	850
	1410	Y	\$12,000	11/61	345	170
	1440	Y	\$1800	4/63	945	1100
	1460	Y	\$9800	10/63	310	620
	1620	Y	\$2000	9/60	1500	40
	701	N	\$5000	4/53	1	X
	7010	Y	\$19,175	10/63	40	45
	702	N	\$6900	2/55	3	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	43	X
	7040	Y	\$14,000	6/63	47	48
	7044	Y	\$26,000	6/63	35	18
	705	N	\$30,000	11/55	86	X
	7070, 2, 4	Y	\$24,000	3/60	500	55
	7080	Y	\$55,000	8/61	69	8
	709	N	\$40,000	8/53	11	X
	7090	Y	\$64,000	11/59	55	4
	7094	Y	\$70,000	9/62	248	25
	7094 II	Y	\$76,000	4/64	35	75
ITT	7300 ADX	Y	\$18,000	7/62	8	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5900	3/53	158	X
	Monrobot XI	Y	\$700	12/60	392	175
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	188	125
	NCR - 390	Y	\$1850	5/61	604	165
	NCR - 395	Y	\$650	5/64	20	130
Packard Bell	PB 250	Y	\$1200	12/60	155	8
	PB 440	Y	\$3500	3/64	4	8
Philco	1000	Y	\$7010	6/63	15	0
	2000-212	Y	\$52,000	1/63	5	2
	-210, 211	Y	\$40,000	10/58	19	2
Radio Corp. of America	Bizmac	N		-/56	4	X
	RCA 301	Y	\$6000	2/61	495	145
	RCA 3301	Y	\$20,000	7/64	0	20
	RCA 501	Y	\$15,000	6/59	96	4
	RCA 601	Y	\$35,000	11/62	4	1
Scientific Data Systems Inc.	SDS-92	Y	\$900	12/64	0	1
	SDS-910	Y	\$2000	8/62	72	35
	SDS-920	Y	\$2700	9/62	55	10
	SDS-925	Y	\$2500	12/64	0	0
	SDS-930	Y	\$4000	6/64	2	13
	SDS-9300	Y	\$7000	10/64	0	2
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	33	X
	III	Y	\$20,000	8/62	70	50
	File Computers	N	\$15,000	8/56	40	X
	Solid-State 80, 90, & Step	Y	\$8000	8/58	342	1
	Solid-State II	Y	\$8500	9/62	41	4
	418	Y	\$11,000	6/63	6	7
	490	Y	\$26,000	12/61	33	21
	1004	Y	\$1900	2/63	1420	925
	1050	Y	\$8000	9/63	52	260
	1100 Series (ex- cept 1107)	N	\$35,000	12/50	15	X
	1107	Y	\$45,000	10/62	18	13
	LARC	Y	\$135,000	5/60	2	X
TOTALS					20,285	9,588

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070, and 7090 computers respectively.

** Some of the unfilled order figures are verified by the respective manufacturers; others are estimated and then reviewed by a group of computer industry authorities.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

Most of the installation figures, and some of the unfilled order figures, are verified by the respective manufacturers. In cases where this is not so, estimates are based on information in the market research reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF AUGUST 10, 1964

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILED ORDERS**
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	11	1
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	20	2
	ASI 2100	Y	\$3000	12/63	5	2
Autonetics	RECOMP II	Y	\$2495	11/58	66	X
	RECOMP III	Y	\$1495	6/61	21	X
Bunker-Ramo Corp.	TRW-230	Y	\$2680	8/63	11	3
	RW-300	Y	\$5000	3/59	40	X
	TRW-330	Y	\$5000	12/60	30	X
	TRW-340	Y	\$7000	12/63	8	16
	TRW-530	Y	\$6000	8/61	22	4
Burroughs	205	N	\$4600	1/54	63	X
	220	N	\$14,000	10/58	43	X
	E101-103	N	\$875	1/56	128	X
	E2100	Y	\$535	8/64	0	980
	B100	Y	\$2800	11/64	0	30
	B250	Y	\$4200	11/61	88	19
	B260	Y	\$3750	11/62	60	26
	B270	Y	\$7000	7/62	80	36
	B280	Y	\$6500	7/62	89	43
	B370	Y	\$8400	7/65	0	13
	B5000	Y	\$16,200	3/63	34	24
Clary	DE-60/DE-60M	Y	\$525	2/60	235	5
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2500	5/63	36	18
	DDP-224	Y	\$3300	12/64	0	5
Control Data Corporation	G-15	N	\$1000	7/55	321	X
	G-20	Y	\$15,500	4/61	26	X
	160*/160A/160G	Y	\$1750/\$3500/\$12,000	5/60;7/61;3/64	375	26
	924/924A	Y	\$11,000	8/61	27	4
	1604/1604A	Y	\$38,000	1/60	60	X
	3200	Y	\$12,000	5/64	9	62
	3400	Y	\$25,000	11/64	0	19
	3600	Y	\$58,000	6/63	22	32
	6600	Y	\$110,000	8/64	1	3
Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	54	2
	PDP-4	Y	Sold only about \$60,000	8/62	39	11
	PDP-5	Y	Sold only about \$25,000	9/63	52	10
	PDP-6	Y	Sold only about \$300,000	8/64	0	5
	PDP-7	Y	Sold only about \$72,000	10/64	0	8
El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	24	X
Friden	6010	Y	Sold only about \$20,000	6/63	145	95
General Electric	205	Y	\$2900	9/64	0	10
	210	Y	\$16,000	7/59	60	X
	215	Y	\$5500	11/63	23	10
	225	Y	\$7000	1/61	120	2
	235	Y	\$10,900	12/63	16	19
	415	Y	\$5500	5/64	6	105
	425	Y	\$7500	7/64	1	45
	435	Y	\$12,000	10/64	0	21
	455	Y	\$18,000	6/65	0	9
	465	Y	\$24,000	6/65	0	6
	625	Y	\$65,000	2/65	0	2
	635	Y	\$50,000	12/64	0	4
	General Precision	LGP-21	Y	\$725	12/62	120
LGP-30		semi	\$1300	9/56	440	5
RPC-4000		Y	\$1875	1/61	101	2
Honeywell Electronic Data Processing	H-200	Y	\$4200	3/64	22	620
	H-300	Y	\$3900	7/65	0	5
	H-400	Y	\$5000	12/61	100	10
	H-800	Y	\$22,000	12/60	62	7
	H-1400	Y	\$14,000	1/64	6	6

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS**
	H-1800	Y	\$30,000	1/64	4	7
	H-2200	Y	\$11,000	10/65	0	10
	DATAmatic 1000	N	---	12/57	5	X
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	3	3
IBM	305	N	\$3600	12/57	535	X
	360/30	Y	\$4800	7/65	0	900
	360/40	Y	\$9600	7/65	0	310
	360/50	Y	\$18,000	9/65	0	280
	360/60	Y	\$35,000	10/65	0	110
	360/62	Y	\$50,000	11/65	0	22
	360/70	Y	\$80,000	10/65	0	120
	650-card	N	\$4000	11/54	395	X
	650-RAMAC	N	\$9000	11/54	78	X
	1401	Y	\$4500	9/60	7280	910
	1401-G	Y	\$1900	5/64	160	860
	1410	Y	\$12,000	11/61	355	165
	1440	Y	\$1800	4/63	980	1050
	1460	Y	\$9800	10/63	360	600
	1620	Y	\$2000	9/60	1490	35
	701	N	\$5000	4/53	1	X
	7010	Y	\$19,175	10/63	48	40
	702	N	\$6900	2/55	3	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	43	X
	7040	Y	\$14,000	6/63	50	43
	7044	Y	\$26,000	6/63	38	16
	705	N	\$30,000	11/55	85	X
	7070, 2, 4	Y	\$24,000	3/60	510	50
	7080	Y	\$55,000	8/61	69	8
	709	N	\$40,000	8/58	11	X
	7090	Y	\$64,000	11/59	52	4
	7094	Y	\$70,000	9/62	250	25
	7094 II	Y	\$76,000	4/64	38	60
ITT	7300 ADX	Y	\$18,000	7/62	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only -	3/58	158	X
			\$5900			
	Monrobot XI	Y	\$700	12/60	400	170
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	191	124
	NCR - 390	Y	\$1850	5/61	615	195
	NCR - 395	Y	\$650	5/64	33	200
Packard Bell	PB 250	Y	\$1200	12/60	155	8
	PB 440	Y	\$3500	3/64	4	8
Philco	1000	Y	\$7010	6/63	15	0
	2000-212	Y	\$52,000	1/63	5	2
	-210, 211	Y	\$40,000	10/58	19	2
Radio Corp. of America	Bizmac	N		-/56	4	X
	RCA 301	Y	\$6000	2/61	502	130
	RCA 3301	Y	\$16,000	7/64	2	28
	RCA 501	Y	\$15,000	6/59	96	4
	RCA 601	Y	\$35,000	11/62	4	1
Scientific Data Systems Inc.	SDS-92	Y	\$900	12/64	0	1
	SDS-910	Y	\$2000	8/62	74	36
	SDS-920	Y	\$2700	9/62	60	10
	SDS-925	Y	\$2500	12/64	0	5
	SDS-930	Y	\$4000	6/64	3	13
	SDS-9300	Y	\$7000	10/64	0	2
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	33	X
	III	Y	\$20,000	8/62	72	42
	File Computers	N	\$15,000	8/56	24	X
	Solid-State 80,					
	90, & Step	Y	\$8000	8/58	340	1
	Solid-State II	Y	\$8500	9/62	42	4
	418	Y	\$11,000	6/63	6	8
	490	Y	\$26,000	12/61	33	20
	1004	Y	\$1900	2/63	1500	720
	1050	Y	\$8000	9/63	60	262
	1100 Series (ex-					
	cept 1107)	N	\$35,000	12/50	15	X
	1107	Y	\$45,000	10/62	19	11
	LARC	Y	\$135,000	5/60	2	X
	1108	Y	\$50,000	7/65	0	5
TOTALS					20,741	10,097

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070, and 7090 computers respectively.

** Some of the unfilled order figures are verified by the respective manufacturers; others are estimated and then reviewed by a group of computer industry authorities.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

Most of the installation figures, and some of the unfilled order figures, are verified by the respective manufacturers. In cases where this is not so, estimates are based on information in the market research reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF SEPTEMBER 10, 1964

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS**	
Addressograph-Multiograph Corporation	EDP 900 system	Y	\$7500	2/61	11	1	
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	20	2	
	ASI 2100	Y	\$3000	12/63	5	2	
Autonetics	RECOMP II	Y	\$2495	11/58	66	X	
	RECOMP III	Y	\$1495	6/61	21	X	
Bunker-Ramo Corp.	TRW-230	Y	\$2680	8/63	11	3	
	RW-300	Y	\$5000	3/59	40	X	
	TRW-330	Y	\$5000	12/60	30	X	
	TRW-340	Y	\$7000	12/63	9	17	
	TRW-530	Y	\$6000	8/61	22	4	
Burroughs	205	N	\$4600	1/54	62	X	
	220	N	\$14,000	10/58	42	X	
	E101-103	N	\$875	1/56	125	X	
	E2100	Y	\$535	8/64	6	1010	
	B100	Y	\$2800	8/64	6	32	
	B250	Y	\$4200	11/61	93	18	
	B260	Y	\$3750	11/62	65	172	
	B270	Y	\$7000	7/62	83	30	
	B280	Y	\$6500	7/62	91	42	
	B370	Y	\$8400	7/65	0	16	
	B5000	Y	\$16,200	3/63	35	23	
	B5500	Y	\$35,000	3/65	0	1	
Clary	DE-60/DE-60M	Y	\$525	2/60	235	5	
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X	
	DDP-24	Y	\$2500	5/63	36	20	
	DDP-116	Y	\$900	2/65	0	0	
	DDP-224	Y	\$3300	12/64	0	5	
Control Data Corporation	G-15	N	\$1000	7/55	320	X	
	G-20	Y	\$15,500	4/61	26	X	
	160*/160A/160G	Y	\$1750/\$3500/\$12,000	5/60;7/61;3/64	379	25	
	924/924A	Y	\$11,000	8/61	28	3	
	1604/1604A	Y	\$38,000	1/60	60	X	
	3200	Y	\$12,000	5/64	11	61	
	3400	Y	\$25,000	11/64	0	18	
	3600	Y	\$58,000	6/63	24	33	
	6600	Y	\$110,000	8/64	1	3	
Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	54	2	
	PDP-4	Y	Sold only about \$60,000	8/62	43	11	
	PDP-5	Y	Sold only about \$25,000	9/63	55	10	
	PDP-6	Y	Sold only about \$300,000	8/64	1	8	
	PDP-7	Y	Sold only about \$72,000	10/64	0	10	
	El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	24	X
	Friden	6010	Y	\$600	6/63	152	171
General Electric	205	Y	\$2900	9/64	0	10	
	210	Y	\$16,000	7/59	60	X	
	215	Y	\$5500	11/63	26	14	
	225	Y	\$7000	1/61	122	3	
	235	Y	\$10,900	12/63	18	18	
	415	Y	\$5500	5/64	10	110	
	425	Y	\$7500	7/64	3	46	
	435	Y	\$12,000	10/64	0	22	
	455	Y	\$18,000	6/65	0	9	
	465	Y	\$24,000	6/65	0	6	
	625	Y	\$65,000	2/65	0	7	
	635	Y	\$50,000	12/64	0	7	
	General Precision	LGP-21	Y	\$725	12/62	125	55
LGP-30		semi	\$1300	9/56	435	5	
RPC-4000		Y	\$1875	1/61	100	2	
Honeywell Electronic Data Processing	H-200	Y	\$4200	3/64	45	620	
	H-300	Y	\$3900	7/65	0	5	
	H-400	Y	\$5000	12/61	100	10	
	H-800	Y	\$22,000	12/60	62	7	
	H-1400	Y	\$14,000	1/64	8	6	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS**
	H-1800	Y	\$30,000	1/64	4	7
	H-2200	Y	\$11,000	10/65	0	11
	DATAmatic 1000	N	---	12/57	5	X
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	3	3
IBM	305	N	\$3600	12/57	510	X
	360/30	Y	\$4800	7/65	0	1500
	360/40	Y	\$9600	7/65	0	450
	360/50	Y	\$18,000	9/65	0	350
	360/60	Y	\$35,000	10/65	0	300
	360/62	Y	\$50,000	11/65	0	75
	360/70	Y	\$80,000	10/65	0	175
	650-card	N	\$4000	11/54	390	X
	650-RAMAC	N	\$9000	11/54	76	X
	1401	Y	\$4500	9/60	7400	820
	1401-G	Y	\$1900	5/64	200	800
	1410	Y	\$12,000	11/61	430	150
	1440	Y	\$1800	4/63	1100	700
	1460	Y	\$9800	10/63	410	610
	1620 I, II	Y	\$2500	9/60	1505	30
	701	N	\$5000	4/53	1	X
	7010	Y	\$19,175	10/63	49	39
	702	N	\$6900	2/55	3	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	42	X
	7040	Y	\$14,000	6/63	52	40
	7044	Y	\$26,000	6/63	40	15
	705	N	\$30,000	11/55	84	X
	7070, 2, 4	Y	\$24,000	3/60	520	45
	7080	Y	\$55,000	8/61	70	3
	709	N	\$40,000	8/58	11	X
	7090	Y	\$64,000	11/59	48	4
	7094	Y	\$70,000	9/62	256	23
	7094 II	Y	\$76,000	4/64	42	56
ITT	7300 ADX	Y	\$18,000	7/62	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only -	3/58	158	X
			\$5800			
	Monrobot XI	Y	\$700	12/60	411	186
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	225	125
	NCR - 390	Y	\$1850	5/61	668	185
Packard Bell	PB 250	Y	\$1200	12/60	155	8
	PB 440	Y	\$3500	3/64	4	8
Philco	1000	Y	\$7010	6/63	15	0
	2000-212	Y	\$52,000	1/63	5	2
	-210, 211	Y	\$40,000	10/58	19	2
Radio Corp. of America	Bizmac	N		-/56	3	X
	RCA 301	Y	\$6000	2/61	510	135
	RCA 3301	Y	\$11,500	7/64	2	32
	RCA 501	Y	\$14,000	6/59	96	4
	RCA 601	Y	\$35,000	11/62	4	1
Scientific Data Systems Inc.	SDS-92	Y	\$900	12/64	0	1
	SDS-910	Y	\$2000	8/62	77	56
	SDS-920	Y	\$2700	9/62	60	8
	SDS-925	Y	\$2500	12/64	0	1
	SDS-930	Y	\$4000	6/64	4	23
	SDS-9300	Y	\$7000	10/64	0	5
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	32	X
	III	Y	\$20,000	8/62	75	37
	File Computers	N	\$15,000	8/56	24	X
	Solid-State 80, 90, & Step	Y	\$8000	8/58	335	1
	Solid-State II	Y	\$8500	9/62	43	3
	418	Y	\$11,000	6/63	6	8
	490	Y	\$26,000	12/61	35	21
	1004	Y	\$1900	2/63	1850	750
	1050	Y	\$8000	9/63	68	254
	1100 Series (except 1107)	N	\$35,000	12/50	14	X
	1107	Y	\$45,000	10/62	20	7
	LARC	Y	\$135,000	5/60	2	X
	1108	Y	\$50,000	7/65	0	8
TOTALS					21,667	10,804

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070 and 7090 computers respectively.

** Some of the unfilled order figures are verified by the respective manufacturers; others are estimated and then reviewed by a group of computer industry authorities.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

Most of the installation figures, and some of the unfilled order figures, are verified by the respective manufacturers. In cases where this is not so, estimates are based on information in the market research reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF OCTOBER 10, 1964

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS**
Addressograph-Multiograph Corporation	EDP 900 system	Y	\$7500	2/61	11	1
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	21	1
	ASI 2100	Y	\$3000	12/63	5	2
	ASI 6020	Y	\$2200	4/65	0	0
	ASI 6040	Y	\$2800	7/65	0	0
Autonetics	RECOMP II	Y	\$2495	11/58	64	X
	RECOMP III	Y	\$1495	6/61	20	X
Bunker-Ramo Corp.	TRW-230	Y	\$2680	8/63	11	3
	RW-300	Y	\$5000	3/59	40	X
	TRW-330	Y	\$5000	12/60	30	X
	TRW-340	Y	\$7000	12/63	10	18
	TRW-530	Y	\$6000	8/61	23	3
Burroughs	205	N	\$4600	1/54	62	X
	220	N	\$14,000	10/58	42	X
	E101-103	N	\$875	1/56	125	X
	E2100	Y	\$535	8/64	30	990
	B100	Y	\$2800	8/64	8	30
	B250	Y	\$4200	11/61	94	17
	B260	Y	\$3750	11/62	66	170
	B270	Y	\$7000	7/62	84	30
	B280	Y	\$6500	7/62	93	41
	B370	Y	\$8400	7/65	0	16
	B5000	Y	\$16,200	3/63	36	22
	B5500	Y	\$35,000	3/65	0	3
Clary	DE-60/DE-60M	Y	\$525	2/60	255	0
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2500	5/63	37	22
	DDP-116	Y	\$900	2/65	0	2
	DDP-224	Y	\$3300	12/64	0	5
	Control Data Corporation	G-15	N	\$1000	7/55	320
	G-20	Y	\$15,500	4/61	26	X
	160*/160A/160G	Y	\$1750/\$3500/\$12,000	5/60;7/61;3/64	381	23
	924/924A	Y	\$11,000	8/61	28	3
	1604/1604A	Y	\$38,000	1/60	60	X
	3200	Y	\$12,000	5/64	13	60
	3400	Y	\$25,000	11/64	0	18
	3600	Y	\$58,000	6/63	25	32
	6600	Y	\$110,000	8/64	1	4
Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	54	2
	PDP-4	Y	Sold only about \$60,000	8/62	45	10
	PDP-5	Y	Sold only about \$25,000	9/63	61	8
	PDP-6	Y	Sold only about \$300,000	10/64	1	8
	PDP-7	Y	Sold only about \$88,000	11/64	0	10
	El-tronics, Inc.	ALWAC IIIE	N	\$1820	2/54	24
Friden	6010	Y	\$600	6/63	197	110
General Electric	205	Y	\$2900	10/64	1	14
	210	Y	\$16,000	7/59	60	X
	215	Y	\$5500	11/63	28	15
	225	Y	\$7000	1/61	122	3
	235	Y	\$10,900	12/63	20	16
	415	Y	\$5500	5/64	12	110
	425	Y	\$7500	7/64	5	45
	435	Y	\$12,000	10/64	0	22
	455	Y	\$18,000	6/65	0	9
	465	Y	\$24,000	6/65	0	6
	625	Y	\$50,000	2/65	0	7
	635	Y	\$65,000	12/64	0	9
	General Precision	LGP-21	Y	\$725	12/62	130
LGP-30		semi	\$1300	9/56	435	5
RPC-4000		Y	\$1875	1/61	98	1
Honeywell Electronic Data Processing	H-200	Y	\$4200	3/64	75	590
	H-300	Y	\$3900	7/65	0	6
	H-400	Y	\$5000	12/61	101	8
	H-800	Y	\$22,000	12/60	62	7
	H-1400	Y	\$14,000	1/64	9	5

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS**
	H-1800	Y	\$30,000	1/64	4	7
	H-2200	Y	\$11,000	10/65	0	11
	DATAmatic 1000	N	---	12/57	4	X
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	3	4
IBM	305	N	\$3600	12/57	505	X
	360/30	Y	\$4800	7/65	0	1600
	360/40	Y	\$9600	7/65	0	460
	360/50	Y	\$18,000	9/65	0	370
	360/60	Y	\$35,000	10/65	0	320
	360/62	Y	\$50,000	11/65	0	80
	360/70	Y	\$80,000	10/65	0	180
	650-card	N	\$4000	11/54	385	X
	650-RAMAC	N	\$9000	11/54	72	X
	1401	Y	\$4500	9/60	7450	750
	1401-G	Y	\$1900	5/64	250	780
	1410	Y	\$12,000	11/61	440	145
	1440	Y	\$1800	4/63	1125	650
	1460	Y	\$9800	10/63	425	600
	1620 I, II	Y	\$2500	9/60	1510	25
	701	N	\$5000	4/53	1	X
	7010	Y	\$19,175	10/63	50	38
	702	N	\$6900	2/55	3	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	41	X
	7040	Y	\$14,000	6/63	50	38
	7044	Y	\$26,000	6/63	43	14
	705	N	\$30,000	11/55	84	X
	7070, 2, 4	Y	\$24,000	3/60	525	40
	7080	Y	\$55,000	8/61	70	3
	709	N	\$40,000	8/58	11	X
	7090	Y	\$64,000	11/59	45	3
	7094	Y	\$70,000	9/62	255	18
	7094 II	Y	\$76,000	4/64	50	52
ITT	7300 ADX	Y	\$18,000	7/62	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	158	X
	Monrobot XI	Y	\$700	12/60	430	170
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	230	125
	NCR - 390	Y	\$1850	5/61	680	180
Philco	1000	Y	\$7010	6/63	15	0
	2000-212	Y	\$52,000	1/63	5	2
	-210, 211	Y	\$40,000	10/58	19	2
Radio Corp. of America	Bizmac	N		-/56	3	X
	RCA 301	Y	\$6000	2/61	515	130
	RCA 3301	Y	\$11,500	7/64	4	33
	RCA 501	Y	\$14,000	6/59	96	4
	RCA 601	Y	\$35,000	11/62	4	1
Raytheon ***	PB 250	Y	\$1200	12/60	154	8
	PB 440	Y	\$3500	3/64	5	8
Scientific Data Systems Inc.	SDS-92	Y	\$900	12/64	0	10
	SDS-910	Y	\$2000	8/62	80	55
	SDS-920	Y	\$2700	9/62	62	7
	SDS-925	Y	\$2500	12/64	0	4
	SDS-930	Y	\$4000	6/64	6	24
	SDS-9300	Y	\$7000	10/64	0	5
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	32	X
	III	Y	\$20,000	8/62	76	32
	File Computers	N	\$15,000	8/56	24	X
	Solid-State 80, 90, & Step	Y	\$8000	8/58	332	X
	Solid-State II	Y	\$8500	9/62	43	3
	418	Y	\$11,000	6/63	6	8
	490	Y	\$26,000	12/61	36	20
	1004	Y	\$1900	2/63	2000	650
	1050	Y	\$8000	9/63	74	250
	1100 Series (except 1107)	N	\$35,000	12/50	14	X
	1107	Y	\$45,000	10/62	20	7
	1108	Y	\$50,000	7/65	0	8
	LARC	Y	\$135,000	5/60	2	X
TOTALS					22,177	10,541

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070 and 7090 computers respectively.

** Some of the unfilled order figures are verified by the respective manufacturers; others are estimated and then reviewed by a group of computer industry authorities.

*** Formerly Packard-Bell Computer Division

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

Most of the installation figures, and some of the unfilled order figures, are verified by the respective manufacturers. In cases where this is not so, estimates are based on information in the market research reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF NOVEMBER 10, 1964

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS**	
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	11	1	
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	21	1	
	ASI 2100	Y	\$3000	12/63	5	2	
	ASI 6020	Y	\$2200	4/65	0	1	
	ASI 6040	Y	\$2800	7/65	0	1	
Autonetics	RECOMP II	Y	\$2495	11/58	64	X	
	RECOMP III	Y	\$1495	6/61	20	X	
Bunker-Ramo Corp.	TRW-230	Y	\$2680	8/63	11	3	
	RW-300	Y	\$5000	3/59	40	X	
	TRW-330	Y	\$5000	12/60	30	X	
	TRW-340	Y	\$7000	12/63	11	18	
Burroughs	TRW-530	Y	\$6000	8/61	23	3	
	205	N	\$4600	1/54	62	X	
	220	N	\$14,000	10/58	42	X	
	E101-103	N	\$875	1/56	122	X	
	E2100	Y	\$535	8/64	55	985	
	B100	Y	\$2800	8/64	10	28	
	B250	Y	\$4200	11/61	95	16	
	B260	Y	\$3750	11/62	70	170	
	B270	Y	\$7000	7/62	87	27	
	B280	Y	\$6500	7/62	96	40	
	B370	Y	\$8400	7/65	0	16	
	B5000	Y	\$16,200	3/63	37	20	
	B5500	Y	\$35,000	3/65	0	3	
Clary	DE-60/DE-60M	Y	\$525	2/60	255	0	
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X	
	DDP-24	Y	\$2500	5/63	38	22	
	DDP-116	Y	\$900	2/65	0	2	
	DDP-224	Y	\$3300	12/64	0	5	
Control Data Corporation	G-15	N	\$1000	7/55	320	X	
	G-20	Y	\$15,500	4/61	26	X	
	160*/160A/160G	Y	\$1750/\$3500/\$12,000	5/60;7/61;3/64	383	21	
	924/924A	Y	\$11,000	8/61	28	3	
	1604/1604A	Y	\$38,000	1/60	60	X	
	3100	Y	\$7350	12/64	0	12	
	3200	Y	\$12,000	5/64	13	60	
	3300	Y	\$15,000	7/65	0	6	
	3400	Y	\$25,000	11/64	0	18	
	3600	Y	\$58,000	6/63	25	20	
	3800	Y	\$60,000	5/65	0	12	
	6600	Y	\$110,000	8/64	1	4	
Digital Equipment Corp.	PDP-1	Y	Sold only about \$120,000	11/60	54	2	
	PDP-4	Y	Sold only about \$60,000	8/62	48	7	
	PDP-5	Y	Sold only about \$25,000	9/63	75	5	
	PDP-6	Y	Sold only about \$300,000	10/64	1	8	
	PDP-7	Y	Sold only about \$45,000	11/64	1	10	
	PDP-8	Y	Sold only about \$18,000	4/64	0	14	
	El-tronics, Inc.	ALWAC IITE	N	\$1820	2/54	24	X
	Friden	6010	Y	\$600	6/63	180	110
General Electric	205	Y	\$2900	10/64	2	15	
	210	Y	\$16,000	7/59	60	X	
	215	Y	\$5500	11/63	30	15	
	225	Y	\$7000	1/61	120	2	
	235	Y	\$10,900	12/63	25	18	
	415	Y	\$5500	5/64	18	105	
	425	Y	\$7500	7/64	7	43	
	435	Y	\$12,000	10/64	1	22	
	455	Y	\$18,000	6/65	0	8	
	465	Y	\$24,000	6/65	0	4	
	625	Y	\$50,000	2/65	0	10	
	635	Y	\$65,000	12/64	0	12	
General Precision	LGP-21	Y	\$725	12/62	135	50	
	LGP-30	semi	\$1300	9/56	430	3	
	RPC-4000	Y	\$1875	1/61	98	1	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS**
Honeywell Electronic Data Processing	H-200	Y	\$4200	3/64	135	580
	H-300	Y	\$3900	7/65	0	7
	H-400	Y	\$5000	12/61	103	7
	H-800	Y	\$22,000	12/60	62	17
	H-1400	Y	\$14,000	1/64	9	5
	H-1800	Y	\$30,000	1/64	4	7
	H-2200	Y	\$11,000	10/65	0	20
	DATAmatic 1000	N	---	12/57	4	X
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	3	4
IBM	305	N	\$3600	12/57	500	X
	360/30	Y	\$4800	7/65	0	2000
	360/40	Y	\$9600	7/65	0	650
	360/50	Y	\$18,000	9/65	0	350
	360/60	Y	\$35,000	10/65	0	100
	360/62	Y	\$50,000	11/65	0	40
	360/70	Y	\$80,000	10/65	0	180
	650-card	N	\$4000	11/54	380	X
	650-RAMAC	N	\$9000	11/54	70	X
	1401	Y	\$4500	9/60	7500	700
	1401-G	Y	\$1900	5/64	320	750
	1410	Y	\$12,000	11/61	440	145
	1440	Y	\$1800	4/63	1125	400
	1460	Y	\$9800	10/63	800	700
	1620 I, II	Y	\$2500	9/60	1520	20
	701	N	\$5000	4/53	1	X
	7010	Y	\$19,175	10/63	53	38
	702	N	\$6900	2/55	3	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	40	X
	7040	Y	\$14,000	6/63	52	32
	7044	Y	\$26,000	6/63	45	12
	705	N	\$30,000	11/55	82	X
	7070, 2, 4	Y	\$24,000	3/60	525	35
	7080	Y	\$55,000	8/61	70	2
	709	N	\$40,000	8/58	11	X
	7090	Y	\$64,000	11/59	45	2
7094	Y	\$70,000	9/62	250	15	
7094 II	Y	\$76,000	4/64	55	48	
ITT	7300 ADX	Y	\$18,000	7/62	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	155	X
	Monrobot XI	Y	\$700	12/60	435	165
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	240	120
	NCR - 390	Y	\$1850	5/61	700	170
Philco	1000	Y	\$7010	6/63	15	0
	2000-210, 211	Y	\$40,000	10/58	19	2
	2000-212	Y	\$52,000	1/63	5	2
	2000-213	Y	\$68,000	6/65	0	0
Radio Corp. of America	Bizmac	N	-	-/56	3	X
	RCA 301	Y	\$6000	2/61	525	100
	RCA 3301	Y	\$11,500	7/64	8	28
	RCA 501	Y	\$14,000	6/59	27	3
	RCA 601	Y	\$35,000	11/62	4	1
Raytheon	250	Y	\$1200	12/60	160	14
	440	Y	\$3500	3/64	6	8
Scientific Data Systems Inc.	SDS-92	Y	\$900	12/64	0	20
	SDS-910	Y	\$2000	8/62	85	55
	SDS-920	Y	\$2700	9/62	65	5
	SDS-925	Y	\$2500	12/64	0	8
	SDS-930	Y	\$4000	6/64	8	24
	SDS-9300	Y	\$7000	10/64	1	6
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	32	X
	III	Y	\$20,000	8/62	78	25
	File Computers	N	\$15,000	8/56	23	X
	Solid-State 80, 90, & Step	Y	\$8000	8/58	328	X
	Solid-State II	Y	\$8500	9/62	42	2
	418	Y	\$11,000	6/63	7	8
	490	Y	\$26,000	12/61	37	18
	1004	Y	\$1900	2/63	2080	600
	1050	Y	\$8000	9/63	95	235
	1100 Series (except 1107)	N	\$35,000	12/50	14	X
	1107	Y	\$45,000	10/62	21	5
	1108	Y	\$50,000	7/65	0	12
	LARC	Y	\$135,000	5/60	2	X
TOTALS					22,887	10,493

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070 and 7090 computers respectively.

** Some of the unfilled order figures are verified by the respective manufacturers; others are estimated and then reviewed by a group of computer industry authorities.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

Most of the installation figures, and some of the unfilled order figures, are verified by the respective manufacturers. In cases where this is not so, estimates are based on information in the market research reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF DECEMBER 10, 1964

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS**	
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	11	1	
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	21	1	
	ASI 2100	Y	\$3000	12/63	6	1	
	ASI 6020	Y	\$2200	4/65	0	3	
	ASI 6040	Y	\$2800	7/65	0	2	
Autonetics	RECOMP II	Y	\$2495	11/58	64	X	
	RECOMP III	Y	\$1495	6/61	20	X	
Bunker-Ramo Corp.	TRW-230	Y	\$2680	8/63	11	3	
	RW-300	Y	\$5000	3/59	40	X	
	TRW-330	Y	\$5000	12/60	30	X	
	TRW-340	Y	\$7000	12/63	12	16	
	TRW-530	Y	\$6000	8/61	24	3	
Burroughs	205	N	\$4600	1/54	61	X	
	220	N	\$14,000	10/58	41	X	
	E101-103	N	\$875	1/56	120	X	
	E2100	Y	\$535	8/64	100	1200	
	B100	Y	\$2800	8/64	14	25	
	B250	Y	\$4200	11/61	95	12	
	B260	Y	\$3750	11/62	90	150	
	B270	Y	\$7000	7/62	90	25	
	B280	Y	\$6500	7/62	99	40	
	B370	Y	\$8400	7/65	0	20	
	B5000	Y	\$16,200	3/63	24	14	
Clary	B5500	Y	\$35,000	10/64	13	6	
	DE-60/DE-60M	Y	\$525	2/60	255	0	
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X	
	DDP-24	Y	\$2500	5/63	48	61	
	DDP-116	Y	\$900	2/65	0	22	
	DDP-224	Y	\$3300	12/64	0	12	
Control Data Corporation	G-15	N	\$1000	7/55	320	X	
	G-20	Y	\$15,500	4/61	26	X	
	160*/160A/160G	Y	\$1750/\$3500/\$12,000	5/60;7/61;3/64	385	19	
	924/924A	Y	\$11,000	8/61	28	3	
	1604/1604A	Y	\$39,000	1/60	60	X	
	3100	Y	\$7350	12/64	0	12	
	3200	Y	\$12,000	5/64	15	52	
	3300	Y	\$15,000	7/65	0	15	
	3400	Y	\$25,000	11/64	2	15	
	3600	Y	\$58,000	6/63	27	18	
	3800	Y	\$60,000	5/65	0	14	
	6600	Y	\$110,000	8/64	1	6	
	Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	55	2
PDP-4		Y	\$1700	8/62	50	6	
PDP-5		Y	\$900	9/63	80	5	
PDP-6		Y	\$10,000	10/64	1	8	
PDP-7		Y	\$1300	11/64	2	12	
PDP-8		Y	\$525	4/65	0	16	
El-tronics, Inc.	ALWAC IIIE	N	\$1820	2/54	24	X	
Friden	6010	Y	\$600	6/63	190	105	
General Electric	205	Y	\$2900	10/64	5	18	
	210	Y	\$16,000	7/59	58	X	
	215	Y	\$5500	11/63	32	12	
	225	Y	\$7000	1/61	120	2	
	235	Y	\$10,900	12/63	28	16	
	415	Y	\$5500	5/64	22	102	
	425	Y	\$7500	7/64	10	45	
	435	Y	\$12,000	10/64	2	22	
	455	Y	\$18,000	6/65	0	6	
	465	Y	\$24,000	6/65	0	3	
	625	Y	\$50,000	2/65	0	10	
	635	Y	\$65,000	12/64	0	14	
	General Precision	LGP-21	Y	\$725	12/62	140	45
		LGP-30	semi	\$1300	9/56	430	3
RPC-4000		Y	\$1875	1/61	98	1	
Honeywell Electronic Data Processing	H-200	Y	\$4200	3/64	190	570	
	H-300	Y	\$3900	7/65	0	9	
	H-400	Y	\$5000	12/61	105	5	
	H-800	Y	\$22,000	12/60	63	17	
	H-1400	Y	\$14,000	1/64	8	5	
	H-1800	Y	\$30,000	1/64	5	8	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS**
Honeywell (cont'd.)	H-2200	Y	\$11,000	10/65	0	25
	DATAmatic 1000	N	\$40,000	12/57	4	X
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	3	4
IBM	305	N	\$3600	12/57	420	X
	360/20	Y	\$1800	12/65	0	600
	360/30	Y	\$4800	5/65	0	2100
	360/40	Y	\$9600	5/65	0	700
	360/50	Y	\$18,000	7/65	0	380
	360/60	Y	\$35,000	10/65	0	110
	360/62	Y	\$50,000	11/65	0	42
	360/70	Y	\$80,000	10/65	0	150
	650-card	N	\$4000	11/54	300	X
	650-RAMAC	N	\$9000	11/54	60	X
	1401	Y	\$4500	9/60	7575	725
	1401-G	Y	\$1900	5/64	400	550
	1410	Y	\$12,000	11/61	470	140
	1440	Y	\$3500	4/63	1250	320
	1460	Y	\$9800	10/63	850	680
	1620 I, II	Y	\$2500	9/60	1520	20
	701	N	\$5000	4/53	1	X
	7010	Y	\$19,175	10/63	55	38
	702	N	\$6900	2/55	3	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	40	X
	7040	Y	\$14,000	6/63	62	25
	7044	Y	\$26,000	6/63	45	12
	705	N	\$30,000	11/55	78	X
	7070, 2, 4	Y	\$24,000	3/60	515	10
	7080	Y	\$55,000	8/61	71	2
	709	N	\$40,000	8/58	11	X
	7090	Y	\$64,000	11/59	46	2
	7094	Y	\$70,000	9/62	240	15
	7094 II	Y	\$76,000	4/64	58	45
ITT	7300 ADX	Y	\$18,000	7/62	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	155	X
	Monrobot XI	Y	\$700	12/60	440	160
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	250	115
	NCR - 390	Y	\$1850	5/61	735	160
Philco	1000	Y	\$7010	6/63	15	0
	2000-210, 211	Y	\$40,000	10/58	19	2
	2000-212	Y	\$52,000	1/63	5	2
	2000-213	Y	\$68,000	6/65	0	0
Radio Corp. of America	Bizmac	N	\$100,000	-/56	3	X
	RCA 301	Y	\$6000	2/61	530	90
	RCA 3301	Y	\$11,500	7/64	10	22
	RCA 501	Y	\$14,000	6/59	98	3
	RCA 601	Y	\$35,000	11/62	4	1
	Spectra 70/15	Y	\$2300	11/65	0	8
	Spectra 70/25	Y	\$5000	11/65	0	5
	Spectra 70/45	Y	\$9000	3/66	0	10
	Spectra 70/55	Y	\$15,000	5/66	0	4
Raytheon	250	Y	\$1200	12/60	160	15
	440	Y	\$3500	3/64	7	7
Scientific Data Systems Inc.	SDS-92	Y	\$900	2/65	0	20
	SDS-910	Y	\$2000	8/62	103	34
	SDS-920	Y	\$2700	9/62	69	6
	SDS-925	Y	\$2500	12/64	0	4
	SDS-930	Y	\$4000	6/64	10	21
	SDS-9300	Y	\$7000	11/64	1	7
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	30	X
	III	Y	\$20,000	8/62	78	20
	File Computers	N	\$15,000	8/56	23	X
	Solid-State 80, 90, & Step	Y	\$8000	8/58	325	X
	Solid-State II	Y	\$8500	9/62	42	2
	418	Y	\$11,000	6/63	8	7
	490	Y	\$26,000	12/61	37	18
	1004	Y	\$1900	2/63	2150	500
	1050	Y	\$8000	9/63	115	225
	1100 Series (except 1107)	N	\$35,000	12/50	14	X
	1107	Y	\$45,000	10/62	21	5
	1108	Y	\$50,000	7/65	0	12
	LARC	Y	\$135,000	5/60	2	X
TOTALS					23,497	20,020

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070 and 7090 computers respectively.

** Some of the unfilled order figures are verified by the respective manufacturers; others are estimated and then reviewed by a group of computer industry authorities.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

Most of the installation figures, and some of the unfilled order figures, are verified by the respective manufacturers. In cases where this is not so, estimates are based on information in the market research reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF JANUARY 10, 1965

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	11	1
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	21	1
	ASI 2100	Y	\$3000	12/63	7	1
	ASI 6020	Y	\$2200	4/65	0	3
	ASI 6040	Y	\$2800	7/65	0	2
Autonetics	RECOMP II	Y	\$2495	11/58	60	X
	RECOMP III	Y	\$1495	6/61	19	X
Bunker-Ramo Corp.	TRW-230	Y	\$2680	8/63	11	3
	RW-300	Y	\$5000	3/59	40	X
	TRW-330	Y	\$5000	12/60	30	X
	TRW-340	Y	\$7000	12/63	13	16
	TRW-530	Y	\$6000	8/61	24	3
Burroughs	205	N	\$4600	1/54	61	X
	220	N	\$14,000	10/58	41	X
	E101-103	N	\$875	1/56	118	X
	E2100	Y	\$535	8/64	130	1250
	B100	Y	\$2800	8/64	17	28
	B250	Y	\$4200	11/61	96	11
	B260	Y	\$3750	11/62	107	135
	B270	Y	\$7000	7/62	92	24
	B280	Y	\$6500	7/62	100	38
	B370	Y	\$8400	7/65	0	22
	B5000	Y	\$16,200	3/63	24	14
	B5500	Y	\$35,000	10/64	13	6
Clary	DE-60/DE-60M	Y	\$525	2/60	281	3
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2500	5/63	50	61
	DDP-116	Y	\$900	2/65	0	22
	DDP-224	Y	\$3300	1/65	0	14
Control Data Corporation	G-15	N	\$1000	7/55	328	X
	G-20	Y	\$15,500	4/61	28	X
	160*/160A/160G	Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	414	10
	924/924A	Y	\$11,000	8/61	28	2
	1604/1604A	Y	\$38,000	1/60	60	X
	3100	Y	\$7350	12/64	1	13
	3200	Y	\$12,000	5/64	32	48
	3300	Y	\$15,000	7/65	0	17
	3400	Y	\$25,000	11/64	3	15
	3600	Y	\$58,000	6/63	32	16
	3800	Y	\$60,000	5/65	0	15
	6400	Y	\$40,000	12/65	0	1
	6600	Y	\$110,000	8/64	2	6
6800	Y	\$140,000	4/67	0	0	
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	57	2
	PDP-4	Y	\$1700	8/62	54	6
	PDP-5	Y	\$900	9/63	85	7
	PDP-6	Y	\$10,000	10/64	2	8
	PDP-7	Y	\$1300	11/64	3	14
	PDP-8	Y	\$525	4/65	0	21
	ALWAC IIIIE	N	\$1820	2/54	24	X
	Friden	6010	Y	\$600	6/63	195
General Electric	205	Y	\$2900	10/64	9	21
	210	Y	\$16,000	7/59	57	X
	215	Y	\$5500	11/63	34	9
	225	Y	\$7000	1/61	120	2
	235	Y	\$10,900	12/63	30	14
	415	Y	\$5500	5/64	23	103
	425	Y	\$7500	7/64	12	46
	435	Y	\$12,000	10/64	3	23
	455	Y	\$18,000	6/65	0	6
	465	Y	\$24,000	6/65	0	3
	625	Y	\$50,000	2/65	0	11
	635	Y	\$65,000	12/64	1	15
	General Precision	LGP-21	Y	\$725	12/62	143
LGP-30		semi	\$1300	9/56	430	3
RPC-4000		Y	\$1875	1/61	98	1
Honeywell Electronic Data Processing	H-200	Y	\$6000	3/64	230	560
	H-300	Y	\$3900	7/65	0	11
	H-400	Y	\$8500	12/61	105	5
	H-800	Y	\$22,000	12/60	64	16

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Honeywell (cont'd.)	H-1400	Y	\$14,000	1/64	9	4
	H-1800	Y	\$30,000	1/64	5	8
	H-2200	Y	\$12,000	10/65	0	26
	DATAmatic 1000	N	\$40,000	12/57	4	X
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	3	1
IBM	305	N	\$3600	12/57	400	X
	360/20	Y	\$1800	12/65	0	1000
	360/30	Y	\$4800	5/65	0	2100
	360/40	Y	\$9600	5/65	0	800
	360/50	Y	\$18,000	7/65	0	390
	360/60	Y	\$35,000	8/65	0	115
	360/62	Y	\$50,000	9/65	0	45
	360/70	Y	\$80,000	10/65	0	145
	650-card	N	\$4000	11/54	280	X
	650-RAMAC	N	\$9000	11/54	55	X
	1401	Y	\$4500	9/60	7650	750
	1401-G	Y	\$1900	5/64	500	300
	1410	Y	\$12,000	11/61	550	110
	1440	Y	\$3500	4/63	1350	280
	1460	Y	\$9800	10/63	925	600
	1620 I, II	Y	\$2500	9/60	1510	18
	701	N	\$5000	4/53	1	X
	7010	Y	\$19,175	10/63	57	36
	702	N	\$6900	2/55	8	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	39	X
	7040	Y	\$14,000	6/63	70	22
	7044	Y	\$26,000	6/63	45	12
	705	N	\$30,000	11/55	70	X
	7070, 2, 4	Y	\$24,000	3/60	500	5
	7080	Y	\$55,000	8/61	71	2
	709	N	\$40,000	8/58	11	X
7090	Y	\$64,000	11/59	45	2	
7094	Y	\$70,000	9/62	235	10	
7094 II	Y	\$76,000	4/64	60	40	
ITT	7300 ADX	Y	\$18,000	7/62	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	155	X
	Monrobot XI	Y	\$700	12/60	450	155
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	265	115
	NCR - 390	Y	\$1850	5/61	775	160
Philco	1000	Y	\$7010	6/63	15	0
	2000-210, 211	Y	\$40,000	10/58	19	2
	2000-212	Y	\$52,000	1/63	5	2
	2000-213	Y	\$68,000	6/65	0	1
Radio Corp. of America	Bizmac	N	\$100,000	-/56	3	X
	RCA 301	Y	\$6000	2/61	540	75
	RCA 3301	Y	\$11,500	7/64	17	35
	RCA 501	Y	\$14,000	6/59	99	2
	RCA 601	Y	\$35,000	11/62	4	1
	Spectra 70/15	Y	\$2600	11/65	0	40
	Spectra 70/25	Y	\$5000	11/65	0	15
	Spectra 70/45	Y	\$9000	3/66	0	25
	Spectra 70/55	Y	\$14,000	5/66	0	10
Raytheon	250	Y	\$1200	12/60	160	15
	440	Y	\$3500	3/64	8	10
Scientific Data Systems Inc.	SDS-92	Y	\$900	2/65	0	20
	SDS-910	Y	\$2000	8/62	107	30
	SDS-920	Y	\$2700	9/62	70	6
	SDS-925	Y	\$2500	12/64	1	8
	SDS-930	Y	\$4000	6/64	12	22
	SDS-9300	Y	\$7000	11/64	1	7
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	29	X
	III	Y	\$20,000	8/62	78	15
	File Computers	N	\$15,000	8/56	22	X
	Solid-State 80, 90, & Step	Y	\$8000	8/58	320	X
	Solid-State II	Y	\$8500	9/62	42	2
	418	Y	\$11,000	6/63	9	7
	490	Y	\$26,000	12/61	37	17
	1004	Y	\$1900	2/63	2200	450
	1050	Y	\$8000	9/63	125	220
	1100 Series (except 1107)	N	\$35,000	12/50	13	X
	1107	Y	\$45,000	10/62	21	5
	1108	Y	\$50,000	7/65	0	12
	LARC	Y	\$135,000	5/60	2	X
	TOTALS					24,220

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070 and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

Most of the installation figures, and some of the unfilled order figures, are verified by the respective manufacturers. In cases where this is not so, estimates are based on information in the market research reference files of COMPUTERS AND AUTOMATION. The figures are then reviewed by a group of computer industry cognoscenti.

Any additions, or corrections, from informed readers will be welcomed.

AS OF FEBRUARY 10, 1965

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	11	1
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	22	0
	ASI 2100	Y	\$3000	12/63	6	0
	ASI 6020	Y	\$2200	4/65	0	3
	ASI 6040	Y	\$2800	7/65	0	3
Autonetics	RECOMP II	Y	\$2495	11/58	60	X
	RECOMP III	Y	\$1495	6/61	15	X
Bunker-Ramo Corp.	BR-230	Y	\$2680	8/63	7	2
	BR-300	Y	\$5000	3/59	40	X
	BR-330	Y	\$5000	12/60	30	X
	BR-340	Y	\$7000	12/63	13	7
	BR-530	Y	\$6000	8/61	12	X
Burroughs	205	N	\$4600	1/54	61	X
	220	N	\$14,000	10/58	40	X
	E101-103	N	\$875	1/56	100	X
	B100	Y	\$2800	8/64	23	27
	B250	Y	\$4200	11/61	96	5
	B260	Y	\$3750	11/62	125	115
	B270	Y	\$7000	7/62	122	24
	B280	Y	\$6500	7/62	60	30
	B370	Y	\$8400	7/65	0	22
	B5000/B5500	Y	\$20,000	3/63	35	3
Clary	DE-60/DE-60M	Y	\$525	2/60	281	3
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2500	5/63	51	12
	DDP-116	Y	\$900	2/65	0	24
	DDP-224	Y	\$3300	2/65	0	14
Control Data Corporation	G-15	N	\$1000	7/55	325	X
	G-20	Y	\$15,500	4/61	28	X
	160*/160A/160G	Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	416	8
	924/924A	Y	\$11,000	8/61	28	1
	1604/1604A	Y	\$38,000	1/60	60	X
	3100	Y	\$7350	12/64	2	14
	3200	Y	\$12,000	5/64	33	35
	3300	Y	\$15,000	7/65	0	25
	3400	Y	\$25,000	11/64	3	15
	3600	Y	\$58,000	6/63	34	17
	3800	Y	\$60,000	5/65	0	16
	6400	Y	\$40,000	12/65	0	1
	6600	Y	\$110,000	8/64	2	6
	6800	Y	\$140,000	4/67	0	0
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	57	2
	PDP-4	Y	\$1700	8/62	54	6
	PDP-5	Y	\$900	9/63	98	12
	PDP-6	Y	\$10,000	10/64	3	8
	PDP-7	Y	\$1300	11/64	5	14
	PDP-8	Y	\$525	4/65	0	45
El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	24	X
Friden	6010	Y	\$600	6/63	180	165
General Electric	205	Y	\$2900	10/64	11	16
	210	Y	\$16,000	7/59	57	X
	215	Y	\$5500	11/63	38	6
	225	Y	\$7000	1/61	135	5
	235	Y	\$10,900	12/63	32	12
	415	Y	\$5500	5/64	30	75
	425	Y	\$7500	7/64	13	40
	435	Y	\$12,000	10/64	4	20
	455	Y	\$18,000	6/65	0	2
	465	Y	\$24,000	6/65	0	1
	625	Y	\$50,000	12/64	1	11
	635	Y	\$65,000	12/64	1	16
General Precision	LGP-21	Y	\$725	12/62	143	X
	LGP-30	semi	\$1300	9/56	430	X
	RPC-4000	Y	\$1875	1/61	98	X
Honeywell Electronic Data Processing	H-200	Y	\$6000	3/64	260	545
	H-300	Y	\$3900	7/65	0	10
	H-400	Y	\$8500	12/61	108	5
	H-800	Y	\$22,000	12/60	70	15

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Honeywell (cont'd.)	H-1400	Y	\$14,000	1/64	9	2
	H-1800	Y	\$30,000	1/64	5	8
	H-2200	Y	\$12,000	10/65	0	26
	DATAmatic 1000	N	\$40,000	12/57	4	X
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	3	X
IBM	305	N	\$3600	12/57	200	X
	360/20	Y	\$1800	12/65	0	1300
	360/30	Y	\$4800	5/65	0	2220
	360/40	Y	\$9600	5/65	0	555
	360/50	Y	\$18,000	7/65	0	280
	360/60	Y	\$35,000	8/65	0	45
	360/62	Y	\$50,000	9/65	0	20
	360/70	Y	\$80,000	10/65	0	60
	650-card	N	\$4000	11/54	280	X
	650-RAMAC	N	\$9000	11/54	55	X
	1401	Y	\$4500	9/60	8050	675
	1401-G	Y	\$1900	5/64	625	150
	1410	Y	\$12,000	11/61	760	110
	1440	Y	\$3500	4/63	1400	780
	1460	Y	\$9800	10/63	1000	200
	1620 I, II	Y	\$2500	9/60	1700	30
	701	N	\$5000	4/53	1	X
	7010	Y	\$19,175	10/63	64	25
	702	N	\$6900	2/55	8	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	48	X
	7040	Y	\$14,000	6/63	88	50
	7044	Y	\$26,000	6/63	40	12
705	N	\$30,000	11/55	65	X	
7070, 2, 4	Y	\$24,000	3/60	360	20	
7080	Y	\$55,000	8/61	71	2	
709	N	\$40,000	8/58	11	X	
7090	Y	\$64,000	11/59	80	8	
7094	Y	\$70,000	9/62	150	20	
7094 II	Y	\$76,000	4/64	40	30	
ITT	7300 ADX	Y	\$18,000	7/62	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	155	X
	Monrobot XI	Y	\$700	12/60	510	155
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	270	115
	NCR - 390	Y	\$1850	5/61	785	120
	NCR - 500	Y	\$1500	9/65	0	130
Philco	1000	Y	\$7010	6/63	15	0
	2000-210, 211	Y	\$40,000	10/58	19	3
	2000-212	Y	\$52,000	1/63	5	2
	2000-213	Y	\$68,000	6/65	0	1
Radio Corp. of America	Bizmac	N	\$100,000	-/56	3	X
	RCA 301	Y	\$6000	2/61	556	40
	RCA 3301	Y	\$11,500	7/64	15	33
	RCA 501	Y	\$14,000	6/59	97	2
	RCA 601	Y	\$35,000	11/62	4	1
	Spectra 70/15	Y	\$2600	11/65	0	45
	Spectra 70/25	Y	\$5000	11/65	0	25
	Spectra 70/45	Y	\$9000	3/66	0	30
	Spectra 70/55	Y	\$14,000	5/66	0	12
Raytheon	250	Y	\$1200	12/60	160	15
	440	Y	\$3500	3/64	9	11
Scientific Data Systems Inc.	SDS-92	Y	\$900	2/65	0	22
	SDS-910	Y	\$2000	8/62	110	30
	SDS-920	Y	\$2700	9/62	70	8
	SDS-925	Y	\$2500	12/64	1	10
	SDS-930	Y	\$4000	6/64	13	20
	SDS-9300	Y	\$7000	11/64	1	6
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	30	X
	III	Y	\$20,000	8/62	85	10
	File Computers	N	\$15,000	8/56	22	X
	Solid-State 80, 90, & Step	Y	\$8000	8/58	320	X
	Solid-State II	Y	\$8500	9/62	40	2
	418	Y	\$11,000	6/63	10	7
	490	Y	\$26,000	12/61	39	16
	1004	Y	\$1900	2/63	2100	350
	1050	Y	\$8000	9/63	130	210
	1100 Series (except 1107)	N	\$35,000	12/50	13	X
	1107	Y	\$45,000	10/62	24	5
	1108	Y	\$50,000	7/65	0	14
	LARC	Y	\$135,000	5/60	2	X
TOTALS					24,813	9549

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070 and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops a documented data file which now covers over 80% of the computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF MARCH 10, 1965

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	11	1
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	22	0
	ASI 2100	Y	\$3000	12/63	6	0
	ASI 6020	Y	\$2200	4/65	0	4
	ASI 6040	Y	\$2800	7/65	0	3
Autonetics	RECOMP II	Y	\$2495	11/58	58	X
	RECOMP III	Y	\$1495	6/61	15	X
Bunker-Ramo Corp.	BR-230	Y	\$2680	8/63	7	2
	BR-300	Y	\$3000	3/59	40	X
	BR-330	Y	\$4000	12/60	35	X
	BR-340	Y	\$7000	12/63	25	10
	BR-530	Y	\$6000	8/61	15	X
Burroughs	205	N	\$4600	1/54	60	X
	220	N	\$14,000	10/58	39	X
	E101-103	N	\$875	1/56	100	X
	B100	Y	\$2800	8/64	26	28
	B250	Y	\$4200	11/61	96	5
	B260	Y	\$3750	11/62	130	110
	B270	Y	\$7000	7/62	125	20
	B280	Y	\$6500	7/62	62	28
	B370	Y	\$8400	7/65	0	25
	B5000/B5500	Y	\$20,000	3/63	35	3
	Clary	DE-60/DE-60M	Y	\$525	2/60	303
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2500	5/63	53	11
	DDP-116	Y	\$900	3/65	0	24
	DDP-224	Y	\$3300	3/65	1	13
Control Data Corporation	G-15	N	\$1000	7/55	325	X
	G-20	Y	\$15,500	4/61	28	X
	160*/160A/160G	Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	418	7
	924/924A	Y	\$11,000	8/61	28	1
	1604/1604A	Y	\$38,000	1/60	60	X
	3100	Y	\$7350	12/64	5	20
	3200	Y	\$12,000	5/64	35	30
	3300	Y	\$15,000	7/65	0	32
	3400	Y	\$25,000	11/64	4	16
	3600	Y	\$58,000	6/63	36	15
	3800	Y	\$60,000	5/65	0	16
	6400	Y	\$40,000	12/65	0	1
	6600	Y	\$110,000	8/64	2	6
	6800	Y	\$140,000	4/67	0	1
	Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60
PDP-4		Y	\$1700	8/62	54	6
PDP-5		Y	\$900	9/63	100	8
PDP-6		Y	\$10,000	10/64	4	8
PDP-7		Y	\$1300	11/64	6	18
PDP-8		Y	\$525	4/65	0	90
ALWAC IIIIE		N	\$1820	2/54	24	X
Friden	6010	Y	\$600	6/63	185	150
General Electric	115	Y	\$1700	12/65	0	10
	205	Y	\$2900	10/64	13	15
	210	Y	\$16,000	7/59	56	X
	215	Y	\$5500	11/63	40	6
	225	Y	\$7000	1/61	136	4
	235	Y	\$10,900	12/63	34	11
	415	Y	\$5500	5/64	34	80
	425	Y	\$7500	7/64	15	45
	435	Y	\$12,000	10/64	6	22
	455	Y	\$18,000	6/65	0	2
	465	Y	\$24,000	6/65	0	1
	625	Y	\$50,000	12/64	1	15
	635	Y	\$65,000	12/64	1	18
	General Precision	LGP-21	Y	\$725	12/62	143
LGP-30		semi	\$1300	9/56	430	X
RPC-4000		Y	\$1875	1/61	98	X
Honeywell Electronic Data Processing	H-120	Y	\$2600	12/65	0	80
	H-200	Y	\$4500	3/64	290	480
	H-300	Y	\$3900	7/65	0	8
	H-400	Y	\$8500	12/61	108	5
	H-800	Y	\$22,000	12/60	72	14
	H-1200	Y	\$6500	2/66	0	15

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Honeywell (cont'd.)	H-1400	Y	\$14,000	1/64	9	2
	H-1800	Y	\$30,000	1/64	5	8
	H-2200	Y	\$11,000	10/65	0	25
	H-4200	Y	\$16,800	2/66	0	3
	DATAmatic 1000	N	\$40,000	12/57	3	X
H-W Electronics, Inc.	HW-15K	Y	\$490	6/63	3	X
IBM	305	N	\$3600	12/57	190	X
	360/20	Y	\$1800	12/65	0	1500
	360/30	Y	\$4800	4/65	0	2200
	360/40	Y	\$9600	4/65	0	575
	360/50	Y	\$18,000	7/65	0	260
	360/60	Y	\$35,000	8/65	0	50
	360/62	Y	\$50,000	9/65	0	22
	360/70	Y	\$80,000	10/65	0	62
	650-card	N	\$4000	11/54	275	X
	650-RAMAC	N	\$9000	11/54	50	X
	1130	Y	\$900	11/65	0	350
	1401	Y	\$4500	9/60	8100	650
	1401-G	Y	\$1900	5/64	700	140
	1410	Y	\$12,000	11/61	770	105
	1440	Y	\$3500	4/63	1450	750
	1460	Y	\$9800	10/63	1025	190
	1620 I, II	Y	\$2500	9/60	1700	30
	1800	Y	\$6500	2/66	0	45
	701	N	\$5000	4/53	1	X
	7010	Y	\$19,175	10/63	65	25
	702	N	\$6900	2/55	8	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	47	X
	7040	Y	\$14,000	6/63	90	48
	7044	Y	\$26,000	6/63	41	10
	705	N	\$30,000	11/55	64	X
	7070, 2, 4	Y	\$24,000	3/60	365	15
7080	Y	\$55,000	8/61	71	2	
709	N	\$40,000	8/58	11	X	
7090	Y	\$64,000	11/59	80	8	
7094	Y	\$70,000	9/62	145	15	
7094 II	Y	\$76,000	4/64	45	25	
ITT	7300 ADX	Y	\$18,000	9/61	9	5
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	155	X
	Monrobot XI	Y	\$700	12/60	520	150
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	280	110
	NCR - 390	Y	\$1850	5/61	800	90
	NCR -- 500	Y	\$1500	9/65	0	150
Philco	1000	Y	\$7010	6/63	15	0
	2000-210, 211	Y	\$40,000	10/58	19	3
	2000-212	Y	\$52,000	1/63	5	2
	2000-213	Y	\$68,000	6/65	0	1
Radio Corp. of America	Bizmac	N	\$100,000	-/56	3	X
	RCA 301	Y	\$6000	2/61	565	35
	RCA 3301	Y	\$11,500	7/64	18	30
	RCA 501	Y	\$14,000	6/59	98	2
	RCA 601	Y	\$35,000	11/62	4	1
	Spectra 70/15	Y	\$2600	11/65	0	50
	Spectra 70/25	Y	\$5000	11/65	0	30
	Spectra 70/45	Y	\$9000	3/66	0	40
	Spectra 70/55	Y	\$14,000	5/66	0	12
Raytheon	250	Y	\$1200	12/60	165	10
	440	Y	\$3500	3/64	9	13
Scientific Data Systems Inc.	SDS-92	Y	\$900	3/65	0	25
	SDS-910	Y	\$2000	8/62	113	25
	SDS-920	Y	\$2700	9/62	73	8
	SDS-925	Y	\$2500	12/64	1	15
	SDS-930	Y	\$4000	6/64	20	20
	SDS-9300	Y	\$7000	11/64	3	7
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	30	X
	III	Y	\$20,000	8/62	86	8
	File Computers	N	\$15,000	8/56	22	X
	Solid-State 80, 90, & Step	Y	\$8000	8/58	310	X
	Solid-State II	Y	\$8500	9/62	40	2
	418	Y	\$11,000	6/63	13	8
	490	Y	\$26,000	12/61	40	15
	1004	Y	\$1900	2/63	2125	300
	1050	Y	\$8000	9/63	135	205
	1100 Series (except 1107)	N	\$35,000	12/50	13	X
	1107	Y	\$45,000	10/62	24	4
	1108	Y	\$50,000	7/65	0	15
	LARC	Y	\$135,000	5/60	2	X
	TOTALS					25,224

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IEM 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070 and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops a documented data file which now covers over 80% of the computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF APRIL 10, 1965

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	11	1
Advanced Scientific Instruments	AST 210	Y	\$2850	4/62	22	2
	ASI 2100	Y	\$3000	12/63	6	0
	ASI 6020	Y	\$2200	4/65	0	4
	ASI 6040	Y	\$2800	7/65	0	4
	ASI 6050	Y	\$3000	10/65	0	0
	ASI 6070	Y	\$3500	10/65	0	0
	ASI 6080	Y	\$4000	1/66	0	0
Autonetics	RECOMP II	Y	\$2495	11/58	57	X
	RECOMP III	Y	\$1495	6/61	15	X
Bunker-Ramo Corp.	BR-230	Y	\$2680	8/63	13	1
	BR-300	Y	\$3000	3/59	40	X
	BR-330	Y	\$4000	12/60	35	X
	BR-340	Y	\$7000	12/63	18	5
	BR-530	Y	\$6000	8/61	15	X
Burroughs	205	N	\$4600	1/54	58	X
	220	N	\$14,000	10/58	44	X
	E101-103	N	\$875	1/56	169	X
	B100	Y	\$2800	8/64	33	35
	B250	Y	\$4200	11/61	96	10
	B260	Y	\$3750	11/62	145	120
	B270	Y	\$7000	7/62	130	25
	B280	Y	\$6500	7/62	65	25
	B370	Y	\$8400	7/65	0	18
	B5000/B5500	Y	\$20,000	3/63	35	13
Clary	DE-60/DE-60M	Y	\$525	2/60	305	3
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2500	5/63	55	18
	DDP-116	Y	\$900	4/65	1	32
	DDP-224	Y	\$3300	3/65	2	30
Control Data Corporation	G-15	N	\$1000	7/55	325	X
	G-20	Y	\$15,500	4/61	28	X
	160*/160A/160G	Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	422	5
	924/924A	Y	\$11,000	8/61	28	1
	1604/1604A	Y	\$38,000	1/60	60	X
	3100	Y	\$7350	12/64	10	25
	3200	Y	\$12,000	5/64	37	25
	3300	Y	\$15,000	7/65	0	33
	3400	Y	\$25,000	11/64	5	17
	3600	Y	\$58,000	6/63	38	15
	3800	Y	\$60,000	5/65	0	17
	6400	Y	\$40,000	12/65	0	2
	6600	Y	\$110,000	8/64	4	5
	6800	Y	\$140,000	4/67	0	1
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	2
	PDP-4	Y	\$1700	8/62	55	6
	PDP-5	Y	\$900	9/63	103	5
	PDP-6	Y	\$10,000	10/64	5	8
	PDP-7	Y	\$1300	11/64	10	30
	PDP-8	Y	\$525	4/65	0	120
El-tronics, Inc.	ALWAC IIIE	N	\$1820	2/54	24	X
Electronic Associates, Inc.	8400	Y	\$9000	6/65	0	6
Friden	6010	Y	\$600	6/63	200	140
General Electric	115	Y	\$1375	12/65	0	45
	205	Y	\$2900	6/64	16	15
	210	Y	\$16,000	7/59	56	X
	215	Y	\$6000	9/63	44	5
	225	Y	\$8000	4/61	138	4
	235	Y	\$10,900	4/64	38	12
	415	Y	\$7300	5/64	40	85
	425	Y	\$9600	6/64	20	50
	435	Y	\$14,000	10/64	7	22
	625	Y	\$41,000	12/64	2	16
	635	Y	\$45,000	12/64	2	18
General Precision	LGP-21	Y	\$725	12/62	143	X
	LGP-30	semi	\$1300	9/56	430	X
	RPC-4000	Y	\$1875	1/61	98	X
Honeywell Electronic Data Processing	H-120	Y	\$2600	12/65	0	150
	H-200	Y	\$4500	3/64	370	380

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTALS	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Honeywell (cont'd.)	H-400	Y	\$8500	12/61	110	3
	H-800	Y	\$22,000	12/60	75	11
	H-1200	Y	\$6500	2/66	0	18
	H-1400	Y	\$14,000	1/64	9	2
	H-1800	Y	\$30,000	1/64	5	8
	H-2200	Y	\$11,000	10/65	0	30
	H-4200	Y	\$16,800	2/66	0	4
	DATAmatic 1000	N	\$40,000	12/57	3	X
IBM	305	N	\$3600	12/57	185	X
	360/20	Y	\$1800	12/65	0	2000
	360/30	Y	\$4800	4/65	0	2300
	360/40	Y	\$9600	4/65	0	590
	360/50	Y	\$18,000	7/65	0	270
	360/60	Y	\$35,000	8/65	0	55
	360/62	Y	\$50,000	9/65	0	22
	360/70	Y	\$80,000	10/65	0	65
	650-card	N	\$4000	11/54	270	X
	650-RAMAC	N	\$9000	11/54	50	X
	1130	Y	\$900	11/65	0	440
	1401	Y	\$4500	9/60	8250	550
	1401-G	Y	\$1900	5/64	800	100
	1410	Y	\$12,000	11/61	780	100
	1440	Y	\$3500	4/63	1500	700
	1460	Y	\$9800	10/63	1100	150
	1620 I, II	Y	\$2500	9/60	1700	30
	1800	Y	\$6500	2/66	0	55
	701	N	\$5000	4/53	1	X
	7010	Y	\$19,175	10/63	68	25
	702	N	\$6900	2/55	8	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	47	X
	7040	Y	\$14,000	6/63	93	45
	7044	Y	\$26,000	6/63	45	10
	705	N	\$30,000	11/55	64	X
	7070, 2, 4	Y	\$24,000	3/60	365	12
	7080	Y	\$55,000	8/61	71	2
	709	N	\$40,000	8/58	11	X
	7090	Y	\$64,000	11/59	75	5
	7094	Y	\$70,000	9/62	140	20
	7094 II	Y	\$76,000	4/64	55	30
	ITT	7300 ADX	Y	\$18,000	9/61	9
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	155	X
	Monrobot XI	Y	\$700	12/60	520	150
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	300	60
	NCR - 315-RMC	Y	\$12,000	9/65	0	50
	NCR - 390	Y	\$1850	5/61	850	90
	NCR - 500	Y	\$1500	9/65	0	150
Philco	1000	Y	\$7010	6/63	16	2
	2000-210, 211	Y	\$40,000	10/58	21	2
	2000-212	Y	\$52,000	1/63	8	3
	2000-213	Y	\$68,000	6/65	0	1
Radio Corp. of America	Bizmac	N	\$100,000	-/56	3	X
	RCA 301	Y	\$6000	2/61	575	30
	RCA 3301	Y	\$11,500	7/64	21	26
	RCA 501	Y	\$14,000	6/59	98	2
	RCA 601	Y	\$35,000	11/62	4	1
	Spectra 70/15	Y	\$2600	11/65	0	60
	Spectra 70/25	Y	\$5000	11/65	0	40
	Spectra 70/45	Y	\$9000	3/66	0	50
	Spectra 70/55	Y	\$14,000	5/66	0	15
Raytheon	250	Y	\$1200	12/60	170	10
	440	Y	\$3500	3/64	10	10
Scientific Data Systems Inc.	SDS-92	Y	\$900	4/65	1	35
	SDS-910	Y	\$2000	8/62	120	20
	SDS-920	Y	\$2700	9/62	78	8
	SDS-925	Y	\$2500	12/64	1	25
	SDS-930	Y	\$4000	6/64	31	20
	SDS-9300	Y	\$7000	11/64	9	7
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	30	X
	III	Y	\$20,000	8/62	88	5
	File Computers	N	\$15,000	8/56	22	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	340	X
	418	Y	\$11,000	6/63	15	10
	490	Y	\$26,000	12/61	42	15
	1004	Y	\$1900	2/63	2200	250
	1050	Y	\$8000	9/63	145	195
	1100 Series (except 1107)	N	\$35,000	12/50	13	X
	1107	Y	\$45,000	10/62	25	3
	1108	Y	\$50,000	7/65	0	17
	LARC	Y	\$135,000	5/60	2	X
	TOTALS					26,071

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070 and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops a documented data file which now covers over 80% of the computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF JUNE 10, 1965

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTALS	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	11	1	
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	22	2	
	ASI 2100	Y	\$3000	12/63	6	0	
	ASI 6020	Y	\$2200	4/65	1	4	
	ASI 6040	Y	\$2800	7/65	0	4	
	ASI 6050	Y	\$3000	10/65	0	1	
	ASI 6070	Y	\$3500	10/65	0	0	
	ASI 6080	Y	\$4000	1/66	0	0	
Autonetics	RECOMP II	Y	\$2495	11/58	57	X	
	RECOMP III	Y	\$1495	6/61	15	X	
Bunker-Ramo Corp	BR-230	Y	\$2680	8/63	14	1	
	BR-300	Y	\$3000	3/59	40	X	
	BR-330	Y	\$4000	12/60	35	X	
	BR-340	Y	\$7000	12/63	18	3	
	BR-530	Y	\$6000	8/61	15	X	
Burroughs	205	N	\$4600	1/54	57	X	
	220	N	\$14,000	10/58	44	X	
	E101-103	N	\$875	1/56	167	X	
	B100	Y	\$2800	8/64	44	30	
	B250	Y	\$4200	11/61	100	7	
	B260	Y	\$3750	11/62	170	100	
	B270	Y	\$7000	7/62	138	26	
	B280	Y	\$6500	7/62	75	24	
	B370	Y	\$8400	7/65	0	30	
	B5000/B5500	Y	\$20,000	3/63	37	12	
Clary	DE-60/DE-60M	Y	\$525	2/60	324	3	
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X	
	DDP-24	Y	\$2500	5/63	58	15	
	DDP-116	Y	\$900	4/65	4	25	
	DDP-224	Y	\$3300	3/65	4	35	
Control Data Corporation	G-15	N	\$1000	7/55	328	X	
	G-20	Y	\$15,500	4/61	28	X	
	160*/160A/160G	Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	410	4	
	924/924A	Y	\$11,000	8/61	28	1	
	1604/1604A	Y	\$38,000	1/60	60	X	
	3100	Y	\$7350	12/64	10	35	
	3200	Y	\$12,000	5/64	31	23	
	3300	Y	\$15,000	7/65	0	37	
	3400	Y	\$25,000	11/64	3	16	
	3600	Y	\$58,000	6/63	31	14	
	3800	Y	\$60,000	5/65	0	18	
	6400	Y	\$40,000	12/65	0	2	
	6600	Y	\$110,000	8/64	4	8	
	6800	Y	\$140,000	4/67	0	1	
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	2	
	PDP-4	Y	\$1700	8/62	55	2	
	PDP-5	Y	\$900	9/63	110	5	
	PDP-6	Y	\$10,000	10/64	8	10	
	PDP-7	Y	\$1300	11/64	11	50	
	PDP-8	Y	\$525	4/65	9	160	
El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	24	X	
Electronic Associates, Inc.	8400	Y	\$7000	6/65	0	5	
Friden	6010	Y	\$600	6/63	211	201	
General Electric	115	Y	\$1375	12/65	0	85	
	205	Y	\$2900	6/64	22	18	
	210	Y	\$16,000	7/59	56	X	
	215	Y	\$6000	9/63	49	6	
	225	Y	\$8000	4/61	140	4	
	235	Y	\$10,900	4/64	44	9	
	415	Y	\$7300	5/64	54	90	
	425	Y	\$9600	6/64	30	52	
	435	Y	\$14,000	10/64	10	25	
	625	Y	\$41,000	12/64	3	18	
	635	Y	\$45,000	12/64	3	20	
	General Precision	LGP-21	Y	\$725	12/62	143	X
		LGP-30	semi	\$1300	9/56	425	X
		RPC-4000	Y	\$1875	1/61	98	X
Honeywell Electronic Data Processing	H-120	Y	\$2600	12/65	0	150	
	H-200	Y	\$4500	3/64	475	360	
	H-400	Y	\$8500	12/61	120	10	
	H-800	Y	\$22,000	12/60	80	11	
	H-1200	Y	\$6500	2/66	0	30	
	H-1400	Y	\$14,000	1/64	11	3	
	H-1800	Y	\$30,000	1/64	9	11	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTALS	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Honeywell (cont'd.)	H-2200	Y	\$11,000	10/65	0	40
	H-4200	Y	\$16,800	2/66	0	5
	DATAmatic 1000	N	\$40,000	12/57	3	X
IBM	305	N	\$3600	12/57	185	X
	360/20	Y	\$1800	12/65	0	2500
	360/30	Y	\$7500	4/65	40	2250
	360/40	Y	\$16,000	4/65	45	650
	360/50	Y	\$30,000	7/65	0	280
	360/60	Y	\$48,000	8/65	0	20
	360/62	Y	\$55,000	9/65	0	6
	360/65	Y	\$49,000	1/66	0	75
	360/75	Y	\$78,000	11/65	0	85
	650-card	N	\$4000	11/54	255	X
	650-RAMAC	N	\$9000	11/54	46	X
	1130	Y	\$900	11/65	0	700
	1401	Y	\$4500	9/60	8300	450
	1401-G	Y	\$1900	5/64	850	100
	1410	Y	\$12,000	11/61	800	80
	1440	Y	\$3500	4/63	1600	500
	1460	Y	\$9800	10/63	1200	130
	1620 I, II	Y	\$2500	9/60	1700	30
	1800	Y	\$3500	2/66	0	65
	701	N	\$5000	4/53	1	X
	7010	Y	\$19,175	10/63	75	20
	702	N	\$6900	2/55	8	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	45	X
	7040	Y	\$14,000	6/63	100	30
	7044	Y	\$26,000	6/63	50	12
	705	N	\$30,000	11/55	64	X
7070, 2, 4	Y	\$24,000	3/60	360	8	
7080	Y	\$55,000	8/61	71	1	
709	N	\$40,000	8/58	11	X	
7090	Y	\$64,000	11/59	68	4	
7094	Y	\$70,000	9/62	135	15	
7094 II	Y	\$76,000	4/64	65	30	
ITT	7300 ADX	Y	\$18,000	9/61	9	5
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	155	X
	Monrobot XI	Y	\$700	12/60	550	140
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	310	50
	NCR - 315-RMC	Y	\$12,000	9/65	0	60
	NCR - 390	Y	\$1850	5/61	910	80
	NCR - 500	Y	\$1500	9/65	0	170
Philco	1000	Y	\$7010	6/63	16	2
	2000-210, 211	Y	\$40,000	10/58	21	2
	2000-212	Y	\$52,000	1/63	9	3
	2000-213	Y	\$68,000	6/65	0	1
Radio Corp. of America	Bizmac	N	\$100,000	-/56	3	X
	RCA 301	Y	\$6000	2/61	590	18
	RCA 3301	Y	\$11,500	7/64	27	20
	RCA 501	Y	\$14,000	6/59	98	2
	RCA 601	Y	\$35,000	11/62	4	1
	Spectra 70/15	Y	\$2600	11/65	0	65
	Spectra 70/25	Y	\$5000	11/65	0	55
	Spectra 70/45	Y	\$9000	3/66	0	65
	Spectra 70/55	Y	\$14,000	5/66	0	20
Raytheon	250	Y	\$1200	12/60	170	10
	440	Y	\$3500	3/64	11	6
	520	Y	\$3200	10/64	0	4
Scientific Data Systems Inc.	SDS-92	Y	\$900	4/65	6	38
	SDS-910	Y	\$2000	8/62	127	20
	SDS-920	Y	\$2700	9/62	82	8
	SDS-925	Y	\$2500	12/64	8	25
	SDS-930	Y	\$4000	6/64	36	23
	SDS-9300	Y	\$7000	11/64	10	7
Systems Engineering Labs	SEL-810	Y	\$750	8/65	0	8
	SEL-840	Y	\$4000	10/65	0	2
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	30	X
	III	Y	\$20,000	8/62	88	5
	File Computers	N	\$15,000	8/56	22	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	320	X
	418	Y	\$11,000	6/63	24	12
	490	Y	\$26,000	12/61	45	17
	1004	Y	\$1900	2/63	2750	300
	1050	Y	\$8000	9/63	165	180
	1100 Series (except 1107)	N	\$35,000	12/50	13	X
	1107	Y	\$45,000	10/62	27	2
	1108	Y	\$50,000	7/65	0	19
	LARC	Y	\$135,000	5/60	2	X
	TOTALS					27,445

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also; many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070 and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops a documented data file which now covers over 80% of the computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF JULY 10, 1965

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTALS	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	11	1
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	23	2
	ASI 2100	Y	\$3000	12/63	6	0
	ASI 6020	Y	\$2200	4/65	2	4
	ASI 6040	Y	\$2800	7/65	0	4
	ASI 6050	Y	\$3000	10/65	0	1
	ASI 6070	Y	\$3500	10/65	0	0
	ASI 6080	Y	\$4000	1/66	0	0
Autonetics	RECOMP II	Y	\$2495	11/58	55	X
	RECOMP III	Y	\$1495	6/61	14	X
Bunker-Ramo Corp.	BR-230	Y	\$2680	8/63	14	1
	BR-300	Y	\$3000	3/59	40	X
	BR-330	Y	\$4000	12/60	35	X
	BR-340	Y	\$7000	12/63	19	2
	BR-530	Y	\$6000	8/61	15	X
Burroughs	205	N	\$4600	1/54	57	X
	220	N	\$14,000	10/58	44	X
	E101-103	N	\$875	1/56	165	X
	B100	Y	\$2800	8/64	50	32
	B250	Y	\$4200	11/61	105	7
	B260	Y	\$3750	11/62	190	80
	B270	Y	\$7000	7/62	145	25
	B280	Y	\$6500	7/62	80	25
	B370	Y	\$8400	7/65	0	40
	B5000/B5500	Y	\$20,000	3/63	38	11
Clary	DE-60/DE-60M	Y	\$525	2/60	324	3
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2500	5/63	65	4
	DDP-116	Y	\$900	4/65	5	45
	DDP-224	Y	\$3300	3/65	5	20
Control Data Corporation	G-15	N	\$1000	7/55	328	X
	G-20	Y	\$15,500	4/61	26	X
	160*/160A/160G	Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	426	4
	924/924A	Y	\$11,000	8/61	28	1
	1604/1604A	Y	\$38,000	1/60	60	X
	3100	Y	\$7350	12/64	21	35
	3200	Y	\$12,000	5/64	73	27
	3300	Y	\$15,000	7/65	0	35
	3400	Y	\$25,000	11/64	11	20
	3600	Y	\$58,000	6/63	40	12
	3800	Y	\$60,000	11/65	0	18
	6400	Y	\$40,000	1/66	0	2
	6600	Y	\$110,000	8/64	4	9
	6800	Y	\$140,000	4/67	0	1
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	2
	PDP-4	Y	\$1700	8/62	110	2
	PDP-5	Y	\$900	9/63	55	4
	PDP-6	Y	\$10,000	10/64	9	11
	PDP-7	Y	\$1300	11/64	11	50
	PDP-8	Y	\$525	4/65	30	155
El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	24	X
Electronic Associates, Inc.	8400	Y	\$7000	6/65	0	6
Friden	6010	Y	\$600	6/63	197	191
General Electric	115	Y	\$1375	12/65	0	95
	205	Y	\$2900	6/64	25	15
	210	Y	\$16,000	7/59	56	X
	215	Y	\$6000	9/63	50	5
	225	Y	\$8000	4/61	145	3
	235	Y	\$10,900	4/64	48	6
	415	Y	\$7300	5/64	58	80
	425	Y	\$9600	6/64	30	50
	435	Y	\$14,000	10/64	10	20
	625	Y	\$41,000	12/64	4	21
	635	Y	\$45,000	12/64	4	24
General Precision	LGP-21	Y	\$725	12/62	135	X
	LGP-30	semi	\$1300	9/56	410	X
	RPC-4000	Y	\$1875	1/61	90	X
Honeywell Electronic Data Processing	H-120	Y	\$2600	12/65	0	155
	H-200	Y	\$5700	3/64	510	340
	H-400	Y	\$8500	12/61	122	8
	H-800	Y	\$22,000	12/60	81	10
	H-1200	Y	\$6500	2/66	0	30
	H-1400	Y	\$14,000	1/64	11	3
	H-1800	Y	\$30,000	1/64	10	10

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTALS	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Honeywell (cont'd)	H-2200	Y	\$11,000	10/65	0	40
	H-4200	Y	\$16,800	2/66	0	5
	H-8200	Y	\$35,000	3/67	0	1
	DATAmatic 1000	N	\$40,000	12/57	4	X
IBM	305	N	\$3600	12/57	185	X
	360/20	Y	\$1800	12/65	0	2600
	360/30	Y	\$7500	4/65	45	2300
	360/40	Y	\$16,000	4/65	60	650
	360/50	Y	\$30,000	7/65	0	290
	360/60	Y	\$48,000	8/65	0	18
	360/62	Y	\$55,000	9/65	0	5
	360/65	Y	\$49,000	1/66	0	80
	360/66	Y	\$49,000	10/66	0	5
	360/75	Y	\$78,000	11/65	0	85
	650	N	\$4800	11/54	275	X
	1130	Y	\$850	11/65	0	900
	1401	Y	\$4500	9/60	7300	350
	1401-G	Y	\$2000	5/64	900	100
	1410	Y	\$14,200	11/61	780	60
	1440	Y	\$3500	4/63	1900	500
	1460	Y	\$9000	10/63	1800	300
	1620 I, II	Y	\$2500	9/60	1750	30
	1800	Y	\$3500	12/65	0	70
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	120	40
	702	N	\$6900	2/55	8	X
	7030	Y	\$160,000	5/61	7	X
	704	N	\$32,000	12/55	44	X
	7040	Y	\$18,000	6/63	105	25
	7044	Y	\$35,200	6/63	50	10
	705	N	\$30,000	11/55	62	X
	7070, 2, 4	Y	\$27,000	3/60	355	8
	7080	Y	\$55,000	8/61	73	1
	709	N	\$40,000	8/58	11	X
7090	Y	\$63,500	11/59	58	4	
7094	Y	\$72,500	9/62	140	15	
7094 II	Y	\$78,500	4/64	70	30	
ITT	7300 ADX	Y	\$18,000	9/61	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	155	X
	Monrobot XI	Y	\$700	12/60	550	140
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	318	45
	NCR - 315-RMC	Y	\$12,000	9/65	0	65
	NCR - 390	Y	\$1850	5/61	930	60
	NCR - 500	Y	\$1500	9/65	0	170
Philco	1000	Y	\$7010	6/63	16	2
	2000-210, 211	Y	\$40,000	10/58	21	2
	2000-212	Y	\$52,000	1/63	9	2
	2000-213	Y	\$68,000	6/65	0	1
Radio Corp. of America	Bizmac	N	\$100,000	-/56	3	X
	RCA 301	Y	\$6000	2/61	597	15
	RCA 3301	Y	\$11,500	7/64	29	20
	RCA 501	Y	\$14,000	6/59	98	2
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$2600	11/65	0	55
	Spectra 70/25	Y	\$5000	11/65	0	45
	Spectra 70/45	Y	\$9000	3/66	0	55
Spectra 70/55	Y	\$14,000	5/66	0	13	
Raytheon	250	Y	\$1200	12/60	170	10
	440	Y	\$3500	3/64	11	6
	520	Y	\$3200	10/64	0	6
Scientific Data Systems Inc.	SDS-92	Y	\$900	4/65	10	40
	SDS-910	Y	\$2000	8/62	137	18
	SDS-920	Y	\$2700	9/62	86	8
	SDS-925	Y	\$2500	12/64	3	25
	SDS-930	Y	\$4000	6/64	50	25
	SDS-9300	Y	\$7000	11/64	11	7
Systems Engineering Labs	SEL-810	Y	\$750	8/65	0	8
	SEL-840	Y	\$4000	10/65	0	2
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	30	X
	III	Y	\$20,000	8/62	88	5
	File Computers	N	\$15,000	8/56	21	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	315	X
	418	Y	\$11,000	6/63	24	12
	490 Series	Y	\$26,000	12/61	53	22
	1004	Y	\$1900	2/63	2850	250
	1050	Y	\$8000	9/63	175	165
	1100 Series (except 1107)	N	\$35,000	12/50	13	X
	1107	Y	\$45,000	10/62	28	1
	1108	Y	\$50,000	7/65	0	15
LARC	Y	\$135,000	5/60	2	X	
TOTALS					27,814	11,613

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070 and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops a documented data file which now covers over 80% of the computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF AUGUST 10, 1965

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTALS	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	11	1
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	23	2
	ASI 2100	Y	\$3000	12/63	6	0
	ASI 6020	Y	\$2200	4/65	3	4
	ASI 6040	Y	\$2800	7/65	1	4
	ASI 6050	Y	\$3000	10/65	0	1
	ASI 6070	Y	\$3500	10/65	0	0
Autonetics	ASI 6080	Y	\$4000	1/66	0	0
	RECOMP II	Y	\$2495	11/58	55	X
	RECOMP III	Y	\$1495	6/61	14	X
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	170	10
	BR-230	Y	\$2680	8/63	14	1
	BR-300	Y	\$3000	3/59	40	X
	BR-330	Y	\$4000	12/60	35	X
	BR-340	Y	\$7000	12/63	19	2
	BR-530	Y	\$6000	8/61	15	X
Burroughs	205	N	\$4600	1/54	56	X
	220	N	\$14,000	10/58	44	X
	E101-103	N	\$875	1/56	163	X
	B100	Y	\$2800	8/64	60	35
	B250	Y	\$4200	11/61	104	7
	B260	Y	\$3750	11/62	205	65
	B270	Y	\$7000	7/62	148	25
	B280	Y	\$6500	7/62	85	25
	B300	Y	\$8400	7/65	2	45
	B5000/B5500	Y	\$20,000	3/63	39	11
Clary	DE-60/DE-60M	Y	\$525	7/60	325	3
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
	DDP-24	Y	\$2500	5/63	66	4
	DDP-116	Y	\$900	4/65	6	45
	DDP-224	Y	\$3300	3/65	8	22
Control Data Corporation	G-15	N	\$1000	7/55	328	X
	G-20	Y	\$15,500	4/61	26	X
	160*/160A/160G	Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	426	4
	924/924A	Y	\$11,000	8/61	28	1
	1604/1604A	Y	\$38,000	1/60	60	X
	3100	Y	\$7350	12/64	24	35
	3200	Y	\$12,000	5/64	76	30
	3300	Y	\$15,000	8/65	0	35
	3400	Y	\$25,000	11/64	12	20
	3600	Y	\$58,000	6/63	42	11
	3800	Y	\$60,000	11/65	0	20
	6400	Y	\$40,000	1/66	0	3
	6600	Y	\$110,000	8/64	4	10
6800	Y	\$140,000	4/67	0	1	
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	2
	PDP-4	Y	\$1700	8/62	55	2
	PDP-5	Y	\$900	9/63	112	4
	PDP-6	Y	\$10,000	10/64	10	11
	PDP-7	Y	\$1300	11/64	14	55
	PDP-8	Y	\$525	4/65	45	160
El-tronics, Inc	ALWAC IIIIE	N	\$1820	2/54	24	X
Electronic Associates, Inc.	8400	Y	\$7000	6/65	1	6
Friden	6010	Y	\$600	6/63	200	188
General Electric	115	Y	\$1375	12/65	0	100
	205	Y	\$2900	6/64	28	15
	210	Y	\$16,000	7/59	56	X
	215	Y	\$6000	9/63	50	5
	225	Y	\$8000	4/61	145	3
	235	Y	\$10,900	4/64	51	6
	415	Y	\$7300	5/64	62	75
	425	Y	\$9600	6/64	35	55
	435	Y	\$14,000	10/64	11	20
	625	Y	\$41,000	12/64	5	22
	635	Y	\$45,000	12/64	5	26
General Precision	LGP-21	Y	\$725	12/62	130	X
	LGP-30	semi	\$1300	9/56	400	X
	RPC-4000	Y	\$1875	1/61	80	X
Honeywell Electronic Data Processing	H-120	Y	\$2600	12/65	0	160
	H-200	Y	\$5700	3/64	555	310
	H-400	Y	\$8500	12/61	122	8
	H-800	Y	\$22,000	12/60	83	8
	H-1200	Y	\$6500	2/66	0	33
	H-1400	Y	\$14,000	1/64	12	2

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTALS	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILED ORDERS
Honeywell (cont'd)	H-1800	Y	\$30,000	1/64	11	9
	H-2200	Y	\$11,000	10/65	0	42
	H-4200	Y	\$16,800	2/66	0	6
	H-8200	Y	\$35,000	3/67	0	1
	DATAmatic 1000	N	\$40,000	12/57	4	X
IBM	305	N	\$3600	12/57	180	X
	360/20	Y	\$1800	12/65	0	2700
	360/30	Y	\$7500	5/65	55	2350
	360/40	Y	\$16,000	4/65	70	650
	360/50	Y	\$30,000	8/65	0	300
	360/60	Y	\$48,000	8/65	0	16
	360/62	Y	\$55,000	9/65	0	5
	360/65	Y	\$49,000	1/66	0	85
	360/67	Y	\$49,000	9/66	0	7
	360/75	Y	\$78,000	11/65	0	85
	650	N	\$4800	11/54	270	X
	1130	Y	\$850	11/65	0	1050
	1401	Y	\$4500	9/60	7100	300
	1401-G	Y	\$2000	5/64	1000	100
	1410	Y	\$14,200	11/61	760	50
	1440	Y	\$3500	4/63	2000	450
	1460	Y	\$9000	10/63	2000	350
	1620 I, II	Y	\$2500	9/60	1750	30
	1800	Y	\$3500	12/65	0	75
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	140	60
	702	N	\$6900	2/55	8	X
	7030	Y	\$160,000	5/61	7	X
	704	N	\$32,000	12/55	43	X
	7040	Y	\$18,000	6/63	108	22
	7044	Y	\$35,200	6/63	55	8
	705	N	\$30,000	11/55	61	X
	7070, 2, 4	Y	\$27,000	3/60	352	8
	7080	Y	\$55,000	8/61	73	1
	709	N	\$40,000	8/58	11	X
7090	Y	\$63,500	11/59	56	4	
7094	Y	\$72,500	9/62	135	15	
7094 II	Y	\$78,500	4/64	77	30	
ITT	7300 ADX	Y	\$18,000	9/61	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	155	X
	Monrobot XI	Y	\$700	12/60	560	130
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	330	35
	NCR - 315-RMC	Y	\$12,000	9/65	0	75
	NCR - 390	Y	\$1850	5/61	960	60
	NCR - 500	Y	\$1500	9/65	0	200
Philco	1000	Y	\$7010	6/63	16	2
	2000-210, 211	Y	\$40,000	10/58	21	2
	2000-212	Y	\$52,000	1/63	9	2
	2000-213	Y	\$68,000	6/65	0	1
Radio Corporation of America	Bizmac	N	\$100,000	-/56	3	X
	RCA 301	Y	\$6000	2/61	600	12
	RCA 3301	Y	\$11,500	7/64	33	22
	RCA 501	Y	\$14,000	6/59	98	2
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$2600	11/65	0	60
	Spectra 70/25	Y	\$5000	11/65	0	50
	Spectra 70/45	Y	\$9000	3/66	0	60
	Spectra 70/55	Y	\$14,000	5/66	0	13
Raytheon	250	Y	\$1200	12/60	170	10
	440	Y	\$3500	3/64	12	5
	520	Y	\$3200	10/65	0	8
Scientific Data Systems Inc.	SDS-92	Y	\$900	4/65	15	40
	SDS-910	Y	\$2000	8/62	140	25
	SDS-920	Y	\$2700	9/62	88	15
	SDS-925	Y	\$2500	12/64	4	22
	SDS-930	Y	\$4000	6/64	54	25
	SDS-9300	Y	\$7000	11/64	11	8
Systems Engineering Labs	SEL-810	Y	\$750	8/65	0	8
	SEL-840	Y	\$4000	10/65	0	3
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	29	X
	III	Y	\$20,000	8/62	88	5
	File Computers	N	\$15,000	8/56	20	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	310	X
	418	Y	\$11,000	6/63	26	12
	490 Series	Y	\$26,000	12/61	55	27
	1004	Y	\$1900	2/63	2900	250
	1050	Y	\$8000	9/63	180	160
	1100 Series (except 1107)	N	\$35,000	12/50	13	X
	1107	Y	\$45,000	10/62	28	1
	1108	Y	\$50,000	7/65	0	15
LARC	Y	\$135,000	5/60	2	X	
TOTALS					28,440	11,939

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070 and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it well serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops a documented data file which now covers over 85% of the computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF SEPTEMBER 10, 1965

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTALS	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	
Addressograph-Multigraph Corporation	EDP 900 system	Y	\$7500	2/61	11	1	
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	23	2	
	ASI 2100	Y	\$3000	12/63	6	0	
	ASI 6020	Y	\$2200	4/65	3	4	
	ASI 6040	Y	\$2800	7/65	1	4	
	ASI 6050	Y	\$3000	10/65	0	1	
	ASI 6070	Y	\$3500	10/65	0	7	
	ASI 6080	Y	\$4000	1/66	0	0	
Autonetics	RECOMP II	Y	\$2495	11/58	52	X	
	RECOMP III	Y	\$1495	6/61	13	X	
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	160	6	
	BR-133	Y	\$2400	5/65	8	7	
	BR-230	Y	\$2680	8/63	14	1	
	BR-300	Y	\$3000	3/59	40	X	
	BR-330	Y	\$4000	12/60	35	X	
	BR-340	Y	\$7000	12/63	19	1	
Burroughs	BR-530	Y	\$6000	8/61	15	X	
	205	N	\$4600	1/54	55	X	
	220	N	\$14,000	10/58	44	X	
	E101-103	N	\$875	1/56	162	X	
	B100	Y	\$2800	8/64	70	33	
	B250	Y	\$4200	11/61	105	5	
	B260	Y	\$3750	11/62	215	55	
	B270	Y	\$7000	7/62	150	20	
	B280	Y	\$6500	7/62	88	22	
	B300	Y	\$8400	7/65	4	50	
	B5000/B5500	Y	\$20,000	3/63	40	10	
Clary	DE-60/DE-60M	Y	\$525	7/60	330	3	
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X	
	DDP-24	Y	\$2500	5/63	66	5	
	DDP-116	Y	\$900	4/65	12	45	
	DDP-124	Y	\$2050	2/65	0	2	
	DDP-224	Y	\$3300	3/65	8	22	
	Control Data Corporation	G-15	N	\$1000	7/55	328	X
G-20		Y	\$15,500	4/61	26	X	
160*/160A/160G		Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	428	3	
924/924A		Y	\$11,000	8/61	28	1	
1604/1604A		Y	\$38,000	1/60	60	X	
3100		Y	\$7350	12/64	29	36	
3200		Y	\$12,000	5/64	80	32	
3300		Y	\$15,000	9/65	0	35	
3400		Y	\$25,000	11/64	14	20	
3600		Y	\$58,000	6/63	43	10	
3800		Y	\$60,000	11/65	0	23	
6400		Y	\$40,000	1/66	0	7	
6600		Y	\$110,000	8/64	5	10	
6800		Y	\$140,000	4/67	0	3	
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	2	
	PDP-4	Y	\$1700	8/62	55	2	
	PDP-5	Y	\$900	9/63	113	3	
	PDP-6	Y	\$10,000	10/64	11	10	
	PDP-7	Y	\$1300	11/64	24	50	
	PDP-8	Y	\$525	4/65	50	202	
	El-tronics, Inc.	ALWAC IIIE	N	\$1820	2/54	23	X
		8400	Y	\$7000	6/65	2	6
Friden	6010	Y	\$600	6/63	200	188	
General Electric	115	Y	\$1375	12/65	0	100	
	205	Y	\$2900	6/64	31	14	
	210	Y	\$16,000	7/59	55	X	
	215	Y	\$6000	9/63	50	4	
	225	Y	\$8000	4/61	142	2	
	235	Y	\$10,900	4/64	54	5	
	415	Y	\$7300	5/64	65	72	
	425	Y	\$9600	6/64	36	52	
	435	Y	\$14,000	10/64	12	20	
	625	Y	\$41,000	12/64	6	24	
	635	Y	\$45,000	12/64	7	28	
General Precision	LGP-21	Y	\$725	12/62	110	X	
	LGP-30	semi	\$1300	9/56	340	X	
	RPC-4000	Y	\$1875	1/61	70	X	
Honeywell Electronic Data Processing	H-120	Y	\$2600	12/65	0	170	
	H-200	Y	\$5700	3/64	595	280	
	H-400	Y	\$8500	12/61	124	6	
	H-800	Y	\$22,000	12/60	85	6	
	H-1200	Y	\$6500	2/66	0	35	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTALS	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	
Honeywell (cont'd)	H-1400	Y	\$14,000	1/64	12	2	
	H-1800	Y	30,000	1/64	12	8	
	H-2200	Y	11,000	10/65	0	44	
	H-4200	Y	16,800	2/66	0	6	
	H-8200	Y	35,000	3/67	0	1	
	DATAmatic 1000	N	40,000	12/57	4	X	
IBM	305	N	\$3600	12/57	180	X	
	360/20	Y	\$1800	12/65	0	2800	
	360/30	Y	\$7500	5/65	120	2400	
	360/40	Y	\$16,000	4/65	130	650	
	360/44	Y	\$12,000	9/66	0	45	
	360/50	Y	\$30,000	8/65	3	310	
	360/60	Y	\$48,000	9/65	0	14	
	360/62	Y	\$55,000	9/65	0	5	
	360/65	Y	\$49,000	1/66	0	100	
	360/67	Y	\$49,000	9/66	0	8	
	360/75	Y	\$78,000	11/65	0	90	
	650	N	\$4800	11/54	265	X	
	1130	Y	\$850	11/65	0	1150	
	1401	Y	\$4500	9/60	7000	260	
	1401-G	Y	\$2000	5/64	1050	100	
	1410	Y	\$14,200	11/61	755	45	
	1440	Y	\$3500	4/63	2200	400	
	1460	Y	\$9000	10/63	2000	300	
	1620 I, II	Y	\$2500	9/60	1740	25	
	1800	Y	\$3700	12/65	0	90	
	701	N	\$5000	4/53	1	X	
	7010	Y	\$22,600	10/63	145	55	
	702	N	\$6900	2/55	8	X	
	7030	Y	\$160,000	5/61	7	X	
	704	N	\$32,000	12/55	42	X	
	7040	Y	\$18,000	6/63	110	15	
	7044	Y	\$35,200	6/63	60	12	
	705	N	\$30,000	11/55	61	X	
	7070, 2, 4	Y	\$27,000	3/60	350	8	
	7080	Y	\$55,000	8/61	75	X	
	709	N	\$40,000	8/58	11	X	
	7090	Y	\$63,500	11/59	52	2	
7094	Y	\$72,500	9/62	136	12		
7094 II	Y	\$78,500	4/64	81	30		
ITT	7300 ADX	Y	\$18,000	9/61	9	6	
	Monrobot IX	N	Sold only - \$5800	3/58	150	X	
Monroe Calculating Machine Co.	Monrobot XI	Y	\$700	12/60	570	120	
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X	
	NCR - 310	Y	\$2000	5/61	46	1	
	NCR - 315	Y	\$8500	5/62	350	55	
	NCR - 315-RMC	Y	\$12,000	9/65	0	50	
	NCR - 390	Y	\$1850	5/61	990	45	
	NCR - 500	Y	\$1500	9/65	0	220	
Philco	1000	Y	\$7010	6/63	20	0	
	2000-210, 211	Y	\$40,000	10/58	19	0	
	2000-212	Y	\$52,000	1/63	9	0	
	2000-213	Y	\$68,000	9/66	0	1	
Radio Corporation of America	Bizmac	N	\$100,000	-/56	3	X	
	RCA 301	Y	\$6000	2/61	620	8	
	RCA 3301	Y	\$11,500	7/64	36	22	
	RCA 501	Y	\$14,000	6/59	99	2	
	RCA 601	Y	\$35,000	11/62	5	X	
	Spectra 70/15	Y	\$2600	11/65	0	66	
	Spectra 70/25	Y	\$5000	11/65	0	60	
	Spectra 70/35	Y	\$7000	4/66	0	5	
	Spectra 70/45	Y	\$9000	3/66	0	65	
	Spectra 70/55	Y	\$14,000	5/66	0	14	
Raytheon	250	Y	\$1200	12/60	170	10	
	440	Y	\$3500	3/64	12	5	
	520	Y	\$3200	10/65	0	10	
Scientific Data Systems Inc.	SDS-92	Y	\$900	4/65	18	42	
	SDS-910	Y	\$2000	8/62	142	20	
	SDS-920	Y	\$2700	9/62	92	14	
	SDS-925	Y	\$2500	12/64	7	25	
	SDS-930	Y	\$4000	6/64	55	27	
	SDS-9300	Y	\$7000	11/64	12	8	
Systems Engineering Labs	SEL-810	Y	\$750	9/65	1	8	
	SEL-840	Y	\$4000	10/65	0	3	
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	29	X	
	III	Y	\$20,000	8/62	87	4	
	File Computers	N	\$15,000	8/56	19	X	
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	305	X	
	418	Y	\$11,000	6/63	33	15	
	490 Series	Y	\$26,000	12/61	60	34	
	1004	Y	\$1900	2/63	3000	220	
	1050	Y	\$8000	9/63	200	145	
	1100 Series (except 1107)	N	\$35,000	12/50	12	X	
	1107	Y	\$45,000	10/62	28	1	
	1108	Y	\$50,000	9/65	1	15	
	LARC	Y	\$135,000	5/60	2	X	
	TOTALS					28,960	12.100

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070 and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops a documented data file which now covers over 85% of the computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF OCTOBER 10, 1965

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILED ORDERS	
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	24	1	
	ASI 2100	Y	\$3000	12/63	6	1	
	ADVANCE 6020	Y	\$2200	4/65	4	5	
	ADVANCE 6040	Y	\$2800	7/65	1	5	
	ADVANCE 6050	Y	\$5000	10/65	0	2	
	ADVANCE 6070	Y	\$10,500	10/65	0	7	
	ADVANCE 6080	Y	\$7000	1/66	0	0	
Autonetics	RECOMP II	Y	\$2495	11/58	51	X	
	RECOMP III	Y	\$1495	6/61	12	X	
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	160	6	
	BR-133	Y	\$2400	5/65	8	7	
	BR-230	Y	\$2680	8/63	14	1	
	BR-300	Y	\$3000	3/59	39	X	
	BR-330	Y	\$4000	12/60	35	X	
	BR-340	Y	\$7000	12/63	19	1	
	BR-530	Y	\$6000	8/61	14	X	
Burroughs	205	N	\$4600	1/54	54	X	
	220	N	\$14,000	10/58	44	X	
	E101-103	N	\$875	1/56	160	X	
	B100	Y	\$2800	8/64	80	30	
	B250	Y	\$4200	11/61	105	5	
	B260	Y	\$3750	11/62	220	40	
	B270	Y	\$7000	7/62	152	16	
	B280	Y	\$6500	7/62	92	20	
	B300	Y	\$8400	7/65	7	70	
	B5000/B5500	Y	\$20,000	3/63	42	11	
	Clary	DE-60/DE-60M	Y	\$525	7/60	330	3
Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X	
	DDP-24	Y	\$2500	5/63	66	8	
	DDP-116	Y	\$900	4/65	12	45	
	DDP-124	Y	\$2050	2/66	0	2	
	DDP-224	Y	\$3300	3/65	12	17	
	Control Data Corporation	G-15	N	\$1000	7/55	328	X
G-20		Y	\$15,500	4/61	26	X	
160*/160A/160G		Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	438	2	
924/924A		Y	\$11,000	8/61	28	1	
1604/1604A		Y	\$38,000	1/60	60	X	
3100		Y	\$7350	12/64	33	38	
3200		Y	\$12,000	5/64	84	32	
3300		Y	\$15,000	9/65	2	34	
3400		Y	\$25,000	11/64	16	20	
3600		Y	\$58,000	6/63	44	11	
3800		Y	\$60,000	11/65	0	23	
6400		Y	\$40,000	1/66	0	8	
6600		Y	\$110,000	8/64	6	9	
6800		Y	\$140,000	4/67	0	3	
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	2	
	PDP-4	Y	\$1700	8/62	55	2	
	PDP-5	Y	\$900	9/63	112	3	
	PDP-6	Y	\$10,000	10/64	8	6	
	PDP-7	Y	\$1300	11/64	28	44	
	PDP-8	Y	\$525	4/65	53	302	
	El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	22	X
	Electronic Associates, Inc.	8400	Y	\$7000	6/65	2	6
Friden	6010	Y	\$600	6/63	210	180	
General Electric	115	Y	\$1375	12/65	0	140	
	205	Y	\$2900	6/64	35	12	
	210	Y	\$16,000	7/59	55	X	
	215	Y	\$6000	9/63	52	3	
	225	Y	\$8000	4/61	141	2	
	235	Y	\$10,900	4/64	55	6	
	415	Y	\$7300	5/64	75	70	
	425	Y	\$9600	6/64	38	55	
	435	Y	\$14,000	10/64	14	22	
	625	Y	\$41,000	12/64	8	35	
	635	Y	\$45,000	12/64	9	38	
	General Precision	LGP-21	Y	\$725	12/62	100	X
		LGP-30	semi	\$1300	9/56	310	X
RPC-4000		Y	\$1875	1/61	65	X	
Honeywell Electronic Data Processing	H-120	Y	\$2600	12/65	0	180	
	H-200	Y	\$5700	3/64	630	250	
	H-400	Y	\$8500	12/61	124	6	
	H-800	Y	\$22,000	12/60	86	5	
	H-1200	Y	\$6500	2/66	0	38	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Honeywell (cont'd)	H-1400	Y	\$14,000	1/64	12	2
	H-1800	Y	\$30,000	1/64	13	7
	H-2200	Y	\$11,000	10/65	0	45
	H-4200	Y	\$16,800	2/66	0	8
	H-8200	Y	\$35,000	3/67	0	1
	DATAmatic 1000	N	\$40,000	12/57	4	X
IBM	305	N	\$3600	12/57	175	X
	360/20	Y	\$1800	12/65	0	3600
	360/30	Y	\$7500	5/65	240	3100
	360/40	Y	\$16,000	4/65	200	800
	360/44	Y	\$12,000	9/66	0	250
	360/50	Y	\$30,000	8/65	5	350
	360/60	Y	\$48,000	10/65	0	13
	360/62	Y	\$55,000	10/65	0	5
	360/65	Y	\$49,000	1/66	0	105
	360/67	Y	\$49,000	9/66	0	18
	360/75	Y	\$78,000	11/65	0	75
	650	N	\$4800	11/54	260	X
	1130	Y	\$850	11/65	0	1400
	1401	Y	\$4500	9/66	6800	240
	1401-G	Y	\$2000	5/64	1100	100
	1410	Y	\$14,200	11/61	750	40
	1440	Y	\$3500	4/63	2350	350
	1460	Y	\$9000	10/63	2100	275
	1620 I, II	Y	\$2500	9/60	1720	20
	1800	Y	\$3700	12/65	0	105
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	148	50
	702	N	\$6900	2/55	8	X
	7030	Y	\$160,000	5/61	7	X
	704	N	\$32,000	12/55	42	X
	7040	Y	\$18,000	6/63	110	12
	7044	Y	\$35,200	6/63	64	12
705	N	\$30,000	11/55	61	X	
7070, 2, 4	Y	\$27,000	3/60	345	7	
7080	Y	\$55,000	8/61	75	X	
709	N	\$40,000	8/58	11	X	
7090	Y	\$63,500	11/59	51	2	
7094	Y	\$72,500	9/62	138	10	
7094 II	Y	\$78,500	4/64	82	28	
ITT	7300 ADX	Y	\$18,000	9/61	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	150	X
	Monrobot XI	Y	\$700	12/60	570	120
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	360	50
	NCR - 315-RMC	Y	\$12,000	9/65	3	50
	NCR - 390	Y	\$1850	5/61	1030	45
	NCR - 500	Y	\$1500	10/65	0	510
Philco	1000	Y	\$7910	6/63	20	0
	2000-210, 211	Y	\$40,000	10/58	18	1
	2000-212	Y	\$52,000	1/63	9	1
	2000-213	Y	\$68,000	9/66	0	1
Radio Corporation of America	Bizmac	N	\$100,000	-/56	3	X
	RCA 301	Y	\$6000	2/61	620	8
	RCA 3301	Y	\$11,500	7/64	40	20
	RCA 501	Y	\$14,000	6/59	99	2
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$2600	11/65	0	70
	Spectra 70/25	Y	\$5000	11/65	0	65
	Spectra 70/35	Y	\$7000	4/66	0	12
	Spectra 70/45	Y	\$9000	3/66	0	75
	Spectra 70/55	Y	\$14,000	5/66	0	20
Raytheon	250	Y	\$1200	12/60	170	7
	440	Y	\$3500	3/64	13	5
	520	Y	\$3200	10/65	0	10
Scientific Data Systems Inc.	SDS-92	Y	\$900	4/65	21	40
	SDS-910	Y	\$2000	8/62	147	18
	SDS-920	Y	\$2700	9/62	94	13
	SDS-925	Y	\$2500	12/64	9	28
	SDS-930	Y	\$4000	6/64	70	30
	SDS-9300	Y	\$7000	11/64	15	8
Systems Engineering Labs	SEL-810	Y	\$750	9/65	2	12
	SEL-840	Y	\$4000	10/65	0	3
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	29	X
	111	Y	\$20,000	8/62	88	2
	File Computers	N	\$15,000	8/56	19	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	300	X
	418	Y	\$11,000	6/63	37	25
	490 Series	Y	\$26,000	12/61	64	48
	1004	Y	\$1900	2/63	3100	250
	1050	Y	\$8000	9/63	220	135
	1100 Series (except 1107)	N	\$35,000	12/50	12	X
	1107	Y	\$45,000	10/62	29	1
	1108	Y	\$50,000	9/65	2	16
	LARC	Y	\$135,000	5/60	2	X
	TOTALS					29,501

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversions from existing 7040, 7070 and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops a documented data file which now covers over 85% of the computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF NOVEMBER 10, 1965

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS	
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	24	1	
	ASI 2100	Y	\$3000	12/63	6	1	
	ADVANCE 6020	Y	\$2200	4/65	5	4	
	ADVANCE 6040	Y	\$2800	7/65	1	7	
	ADVANCE 6050	Y	\$5000	10/65	0	3	
	ADVANCE 6070	Y	\$10,500	10/65	1	6	
	ADVANCE 6080	Y	\$7000	1/66	0	0	
Autonetics	RECOMP II	Y	\$2495	11/58	49	X	
	RECOMP III	Y	\$1495	6/61	11	X	
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	158	6	
	BR-133	Y	\$2400	5/64	8	7	
	BR-230	Y	\$2680	8/63	15	X	
	BR-300	Y	\$3000	3/59	38	X	
	BR-330	Y	\$4000	12/60	34	X	
	BR-340	Y	\$7000	12/63	20	X	
	BR-530	Y	\$6000	8/61	14	X	
Burroughs	205	N	\$4600	1/54	53	X	
	220	N	\$14,000	10/58	44	X	
	E101-103	N	\$875	1/56	155	X	
	B100	Y	\$2800	8/64	90	28	
	B250	Y	\$4200	11/61	106	5	
	B260	Y	\$3750	11/62	235	25	
	B270	Y	\$7000	7/62	155	15	
	B280	Y	\$6500	7/62	94	18	
	B300	Y	\$8400	7/65	22	75	
	B5000/B5500	Y	\$20,000	3/63	46	9	
	B8500	Y	\$200,000	2/67	0	1	
	Clary	DE-60/DE-60M	Y	\$525	7/60	344	4
	Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
DDP-24		Y	\$2500	5/63	68	8	
DDP-116		Y	\$900	4/65	30	40	
DDP-124		Y	\$2050	2/66	0	4	
DDP-224		Y	\$3300	3/65	13	15	
Control Data Corporation	G-15	N	\$1000	7/55	326	X	
	G-20	Y	\$15,500	4/61	26	X	
	160*/160A/160G	Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	439	1	
	924/924A	Y	\$11,000	8/61	29	X	
	1604/1604A	Y	\$38,000	1/60	60	X	
	1700	Y	\$2200	5/66	0	18	
	3100	Y	\$7350	12/64	38	36	
	3200	Y	\$12,000	5/64	87	18	
	3300	Y	\$15,000	9/65	4	60	
	3400	Y	\$25,000	11/64	20	22	
	3500	Y	\$30,000	6/66	0	3	
	3600	Y	\$58,000	6/63	46	10	
	3800	Y	\$60,000	11/65	0	27	
	6400	Y	\$40,000	1/66	0	8	
	6600	Y	\$110,000	8/64	7	9	
6800	Y	\$140,000	4/67	0	4		
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	2	
	PDP-4	Y	\$1700	8/62	55	2	
	PDP-5	Y	\$900	9/63	112	3	
	PDP-6	Y	\$10,000	10/64	9	6	
	PDP-7	Y	\$1300	11/64	32	44	
	PDP-8	Y	\$525	4/65	75	302	
	ALWAC IIIE	N	\$1820	2/54	21	X	
	Electronic Associates, Inc.	8400	Y	\$7000	6/65	2	6
Friden	6010	Y	\$600	6/63	289	180	
General Electric	115	Y	\$1375	12/65	0	400	
	205	Y	\$2900	6/64	40	12	
	210	Y	\$16,000	7/59	54	X	
	215	Y	\$6000	9/63	53	3	
	225	Y	\$8000	4/61	140	2	
	235	Y	\$10,900	4/64	58	8	
	415	Y	\$7300	5/64	80	65	
	425	Y	\$9600	6/64	42	52	
	435	Y	\$14,000	10/64	19	24	
	625	Y	\$41,000	12/64	10	35	
	635	Y	\$45,000	12/64	11	39	
	General Precision	LGP-21	Y	\$725	12/62	100	X
		LGP-30	semi	\$1300	9/56	305	X
RPC-4000		Y	\$1875	1/61	65	X	
Honeywell Electronic Data Processing	H-120	Y	\$2600	12/65	0	190	
	H-200	Y	\$5700	3/64	670	210	
	H-400	Y	\$8500	12/61	125	5	
	H-800	Y	\$22,000	12/60	87	4	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Honeywell (cont'd)	H-1200	Y	\$6500	2/66	0	40
	H-1400	Y	\$14,000	1/64	12	2
	H-1800	Y	\$30,000	1/64	14	6
	H-2200	Y	\$11,000	11/65	0	48
	H-4200	Y	\$16,800	2/66	0	8
	H-8200	Y	\$35,000	3/67	0	1
	DATAmatic 1000	N	\$40,000	12/57	4	X
IBM	305	N	\$3600	12/57	172	X
	360/20	Y	\$1800	12/65	0	3700
	360/30	Y	\$7200	5/65	300	3100
	360/40	Y	\$14,500	4/65	250	850
	360/44	Y	\$12,000	9/66	0	350
	360/50	Y	\$28,000	8/65	7	360
	360/60	Y	\$48,000	11/65	0	12
	360/62	Y	\$55,000	11/65	0	5
	360/65	Y	\$46,000	1/66	0	110
	360/67	Y	\$49,000	9/66	0	22
	360/75	Y	\$78,000	11/65	0	78
	650	N	\$4800	11/54	255	X
	1130	Y	\$850	11/65	0	1500
	1401	Y	\$4500	9/60	6800	220
	1401-G	Y	\$2000	5/64	1150	75
	1410	Y	\$14,200	11/61	740	35
	1440	Y	\$3300	4/63	2450	300
	1460	Y	\$9000	10/63	2100	250
	1620 I, II	Y	\$2500	9/60	1700	20
	1800	Y	\$3700	12/65	0	115
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	160	40
	702	N	\$6900	2/55	8	X
	7030	Y	\$160,000	5/61	7	X
	704	N	\$32,000	12/55	41	X
	7040	Y	\$18,000	6/63	112	8
	7044	Y	\$35,200	6/63	75	18
	705	N	\$30,000	11/55	61	X
	7070, 2, 4	Y	\$27,000	3/60	342	7
	7080	Y	\$55,000	8/61	75	X
	709	N	\$40,000	8/58	11	X
	7090	Y	\$63,500	11/59	46	1
	7094	Y	\$72,500	9/62	135	8
7094 II	Y	\$78,500	4/64	90	30	
ITT	7300 ADX	Y	\$18,000	9/61	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	150	X
	Monrobot XI	Y	\$700	12/60	580	120
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	46	1
	NCR - 315	Y	\$8500	5/62	370	50
	NCR - 315-RMC	Y	\$12,000	9/65	10	50
	NCR - 390	Y	\$1850	5/61	1075	45
	NCR - 500	Y	\$1500	10/65	15	560
Philco	1000	Y	\$7010	6/63	20	0
	2000-210, 211	Y	\$40,000	10/58	18	1
	2000-212	Y	\$52,000	1/63	9	1
	2000-213	Y	\$68,000	9/66	0	1
Radio Corporation of America	Bizmac	N	\$100,000	-/56	3	X
	RCA 301	Y	\$6000	2/61	620	7
	RCA 3301	Y	\$11,500	7/64	44	18
	RCA 501	Y	\$14,000	6/59	99	2
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$2600	11/65	0	80
	Spectra 70/25	Y	\$5000	11/65	0	70
	Spectra 70/35	Y	\$7000	4/66	0	16
	Spectra 70/45	Y	\$9000	3/66	0	80
	Spectra 70/55	Y	\$14,000	5/66	0	22
Raytheon	250	Y	\$1200	12/60	175	5
	440	Y	\$3500	3/64	13	4
	520	Y	\$3200	10/65	1	5
Scientific Data Systems Inc.	SDS-92	Y	\$900	4/65	25	40
	SDS-910	Y	\$2000	8/62	150	18
	SDS-920	Y	\$2700	9/62	96	13
	SDS-925	Y	\$2500	12/64	11	28
	SDS-930	Y	\$4000	6/64	73	30
	SDS-9300	Y	\$7000	11/64	17	8
Systems Engineering Labs	SEL-810	Y	\$750	9/65	2	12
	SEL-840	Y	\$4000	11/65	0	3
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	29	X
	III	Y	\$20,000	8/62	88	1
	File Computers	N	\$15,000	8/56	19	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	295	X
	418	Y	\$11,000	6/63	50	30
	490 Series	Y	\$26,000	12/61	75	51
	1004	Y	\$1900	2/63	3150	200
	1005	Y	\$2400	2/66	0	80
	1050	Y	\$8000	9/63	245	125
	1100 Series (except 1107)	N	\$35,000	12/50	12	X
	1107	Y	\$45,000	10/62	29	1
	1108	Y	\$50,000	9/65	3	19
	LARC	Y	\$135,000	5/60	2	X
TOTALS					30,215	15,214

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversion from existing 7040, 7070 and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops a documented data file which now covers over 85% of the computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF DECEMBER 10, 1965

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILED ORDERS	
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	24	1	
	ASI 2100	Y	\$3000	12/63	6	1	
	ADVANCE 6020	Y	\$2200	4/65	5	4	
	ADVANCE 6040	Y	\$2800	7/65	2	7	
	ADVANCE 6050	Y	\$5000	10/65	0	3	
	ADVANCE 6070	Y	\$10,500	10/65	1	6	
	ADVANCE 6080	Y	\$7000	1/66	0	0	
Autonetics	RECOMP II	Y	\$2495	11/58	48	X	
	RECOMP III	Y	\$1495	6/61	10	X	
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	158	5	
	BR-133	Y	\$2400	5/64	9	7	
	BR-230	Y	\$2680	8/63	15	X	
	BR-300	Y	\$3000	3/59	38	X	
	BR-330	Y	\$4000	12/60	34	X	
	BR-340	Y	\$7000	12/63	20	X	
Burroughs	205	N	\$4600	1/54	52	X	
	220	N	\$14,000	10/58	44	X	
	E101-103	N	\$875	1/56	152	X	
	B100	Y	\$2800	8/64	100	30	
	B250	Y	\$4200	11/61	103	5	
	B260	Y	\$3750	11/62	248	16	
	B270	Y	\$7000	7/62	160	17	
	B280	Y	\$6500	7/62	97	17	
	B300	Y	\$8400	7/65	25	80	
	B5000/B5500	Y	\$20,000	3/63	48	10	
	B8500	Y	\$200,000	2/67	0	1	
	Clary	DE-60/DE-60M	Y	\$525	7/60	344	4
	Computer Control Co.	DDP-19	Y	\$2800	6/61	3	X
DDP-24		Y	\$2500	5/63	70	8	
DDP-116		Y	\$900	4/65	34	42	
DDP-124		Y	\$2050	2/66	0	6	
DDP-224		Y	\$3300	3/65	15	15	
Control Data Corporation	G-15	N	\$1000	7/55	325	X	
	G-20	Y	\$15,500	4/61	26	X	
	160*/160A/160G	Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	440	1	
	924/924A	Y	\$11,000	8/61	29	X	
	1604/1604A	Y	\$45,000	1/60	60	X	
	1700	Y	\$2200	5/66	0	24	
	3100	Y	\$7350	12/64	40	35	
	3200	Y	\$12,000	5/64	88	17	
	3300	Y	\$15,000	9/65	6	55	
	3400	Y	\$25,000	11/64	20	18	
	3500	Y	\$30,000	6/66	0	3	
	3600	Y	\$58,000	6/63	48	10	
	3800	Y	\$60,000	12/65	0	15	
	6400	Y	\$40,000	1/66	0	8	
	6600	Y	\$110,000	8/64	7	9	
	6800	Y	\$140,000	4/67	0	4	
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	X	
	PDP-4	Y	\$1700	8/62	55	2	
	PDP-5	Y	\$900	9/63	112	1	
	PDP-6	Y	\$10,000	10/64	9	6	
	PDP-7	Y	\$1300	11/64	36	44	
	PDP-8	Y	\$525	4/65	95	302	
	El-tronics, Inc.	ALWAC IITE	N	\$1820	2/54	21	X
	Electronic Associates, Inc.	8400	Y	\$7000	6/65	2	6
Friden	6010	Y	\$600	6/63	295	170	
General Electric	115	Y	\$1375	12/65	0	410	
	205	Y	\$2900	6/64	42	10	
	210	Y	\$16,000	7/59	53	X	
	215	Y	\$6000	9/63	53	3	
	225	Y	\$8000	4/61	139	2	
	235	Y	\$10,900	4/64	60	8	
	415	Y	\$7300	5/64	87	62	
	425	Y	\$9600	6/64	48	50	
	435	Y	\$14,000	10/64	20	25	
	625	Y	\$41,000	12/64	10	25	
	635/645	Y	\$45,000	12/64	4	28	
	General Precision	LGP-21	Y	\$725	12/62	95	X
LGP-30		semi	\$1300	9/56	255	X	
RPC-4000		Y	\$1875	1/61	62	X	
Honeywell Electronic Data Processing	H-120	Y	\$2600	12/65	0	260	
	H-200	Y	\$5700	3/64	680	160	
	H-400	Y	\$8500	12/61	125	5	
	H-800	Y	\$22,000	12/60	86	3	
	H-1200	Y	\$6500	2/66	0	42	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Honeywell (cont'd)	H-1400	Y	\$14,000	1/64	12	2
	H-1800	Y	\$30,000	1/64	15	6
	H-2200	Y	\$11,000	12/65	0	46
	H-4200	Y	\$16,800	2/66	0	8
	H-8200	Y	\$35,000	3/67	0	1
	DATAmatic 1000	N	\$40,000	12/57	4	X
IBM	305	N	\$3600	12/57	170	X
	360/20	Y	\$1800	12/65	2	4000
	360/30	Y	\$7200	5/65	400	3200
	360/40	Y	\$14,500	4/65	350	900
	360/44	Y	\$12,000	9/66	0	400
	360/50	Y	\$28,000	8/65	12	360
	360/60	Y	\$48,000	12/65	0	10
	360/62	Y	\$55,000	12/65	0	5
	360/65	Y	\$46,000	11/65	1	110
	360/67	Y	\$49,000	9/66	0	22
	360/75	Y	\$78,000	2/66	0	70
	650	N	\$4800	11/54	255	X
	1130	Y	\$850	11/65	2	1700
	1401	Y	\$4500	9/60	6750	200
	1401-G	Y	\$2000	5/64	1175	60
	1410	Y	\$14,200	11/61	735	30
	1440	Y	\$3300	4/63	2550	275
	1460	Y	\$9000	10/63	2150	225
	1620 I, II	Y	\$2500	9/60	1700	20
	1800	Y	\$3700	12/65	0	125
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	170	35
	702	N	\$6900	2/55	8	X
	7030	Y	\$160,000	5/61	7	X
	704	N	\$32,000	12/55	40	X
	7040	Y	\$18,000	6/63	110	8
	7044	Y	\$35,200	6/63	95	22
705	N	\$30,000	11/55	61	X	
7070, 2, 4	Y	\$27,000	3/60	340	7	
7080	Y	\$55,000	8/61	75	X	
709	N	\$40,000	8/58	11	X	
7090	Y	\$63,500	11/59	45	1	
7094	Y	\$72,500	9/62	130	6	
7094 II	Y	\$78,500	4/64	97	25	
ITT	7300 ADX	Y	\$18,000	9/61	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	150	X
	Monrobot XI	Y	\$700	12/60	580	100
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	42	X
	NCR - 315	Y	\$8500	5/62	380	60
	NCR - 315-RMC	Y	\$12,000	9/65	10	30
	NCR - 390	Y	\$1850	5/61	1050	40
	NCR - 500	Y	\$1500	10/65	70	600
Philco	1000	Y	\$7010	6/63	20	0
	2000-210, 211	Y	\$40,000	10/58	18	1
	2000-212	Y	\$52,000	1/63	9	1
Radio Corporation of America	Bizmac	N	\$100,000	-/56	3	X
	RCA 301	Y	\$6000	2/61	620	7
	RCA 3301	Y	\$11,500	7/64	47	20
	RCA 501	Y	\$14,000	6/59	99	2
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$2600	11/65	5	80
	Spectra 70/25	Y	\$5000	11/65	6	70
	Spectra 70/35	Y	\$7000	4/66	0	25
	Spectra 70/45	Y	\$9000	3/66	0	80
	Spectra 70/55	Y	\$14,000	5/66	0	22
Raytheon	250	Y	\$1200	12/60	175	5
	440	Y	\$3500	3/64	13	4
	520	Y	\$3200	10/65	2	5
Scientific Control Dystems	660	Y	\$2000	10/65	2	1
	670	Y	\$2600	12/65	0	2
Scientific Data Systems Inc.	SDS-92	Y	\$900	4/65	30	40
	SDS-910	Y	\$2000	8/62	155	15
	SDS-920	Y	\$2700	9/62	100	15
	SDS-925	Y	\$2500	12/64	13	29
	SDS-930	Y	\$4000	6/64	78	32
	SDS-9300	Y	\$7000	11/64	18	7
Systems Engineering Labs	SEL-810	Y	\$750	9/65	3	12
	SEL-840	Y	\$4000	11/65	1	3
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	28	X
	III	Y	\$20,000	8/62	87	1
	File Computers	N	\$15,000	8/56	19	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	290	X
	418	Y	\$11,000	6/63	53	28
	490 Series	Y	\$26,000	12/61	80	58
	1004	Y	\$1900	2/63	3200	190
	1005	Y	\$2400	2/66	0	90
	1050	Y	\$8000	9/63	255	115
	1100 Series (except 1107)	N	\$35,000	12/50	12	X
	1107	Y	\$45,000	10/62	29	2
	1108	Y	\$50,000	9/65	4	20
	LARC	Y	\$135,000	5/60	2	X
TOTALS					30,729	15,805

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversion from existing 7040, 7070 and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops a documented data file which now covers over 85% of the computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF JANUARY 10, 1966

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS	
Advanced Scientific Instruments	ASI 210	Y	\$2650	4/62	24	1	
	ASI 2100	Y	\$3000	12/63	6	1	
	ADVANCE 6020	Y	\$2200	4/65	5	4	
	ADVANCE 6040	Y	\$2800	7/65	3	6	
	ADVANCE 6050	Y	\$5000	10/65	0	3	
	ADVANCE 6070	Y	\$10,500	10/65	1	6	
	ADVANCE 6080	Y	\$7000	1/66	0	0	
Autonetics	RECOMP II	Y	\$2495	11/58	48	X	
	RECOMP III	Y	\$1495	6/61	10	X	
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	158	5	
	BR-133	Y	\$2400	5/64	13	4	
	BR-230	Y	\$2680	8/63	15	X	
	BR-300	Y	\$3000	3/59	38	X	
	BR-330	Y	\$4000	12/60	34	X	
	BR-340	Y	\$7000	12/63	20	X	
Burroughs	205	N	\$4600	1/54	52	X	
	220	N	\$14,000	10/58	43	X	
	E101-103	N	\$875	1/56	150	X	
	B100	Y	\$2800	8/64	110	28	
	B250	Y	\$4200	11/61	95	4	
	B260	Y	\$3750	11/62	215	16	
	B270	Y	\$7000	7/62	150	13	
	B280	Y	\$6500	7/62	110	17	
	B300	Y	\$8400	7/65	60	100	
	B5000/B5500	Y	\$20,000	3/63	48	10	
	B8500	Y	\$200,000	2/67	0	1	
Clary	DE-60/DE-60M	Y	\$525	7/60	347	4	
Computer Control Co.	DDP-24	Y	\$2500	5/63	70	8	
	DDP-116	Y	\$900	4/65	36	45	
	DDP-124	Y	\$2050	2/66	0	9	
	DDP-224	Y	\$3300	3/65	16	15	
Control Data Corporation	G-15	N	\$1000	7/55	311	X	
	G-20	Y	\$15,500	4/61	23	X	
	LGP-21	Y	\$725	12/62	100	X	
	LGP-30	semi	\$1300	9/56	300	X	
	RPC-4000	Y	\$1875	1/61	50	X	
	160*/160A/160G	Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	450	1	
	924/924A	Y	\$11,000	8/61	30	X	
	1604/1604A	Y	\$45,000	1/60	58	X	
	1700	Y	\$2200	5/66	0	27	
	3100	Y	\$7350	12/64	58	35	
	3200	Y	\$12,000	5/64	90	18	
	3300	Y	\$15,000	9/65	2	35	
	3400	Y	\$25,000	11/64	16	18	
	3500	Y	\$30,000	6/66	0	4	
	3600	Y	\$58,000	6/63	49	10	
	3800	Y	\$60,000	1/66	0	16	
	6400	Y	\$40,000	1/66	0	11	
6600	Y	\$110,000	8/64	6	9		
6800	Y	\$140,000	4/67	0	4		
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	X	
	PDP-4	Y	\$1700	8/62	55	2	
	PDP-5	Y	\$900	9/63	112	1	
	PDP-6	Y	\$10,000	10/64	10	6	
	PDP-7	Y	\$1300	11/64	36	44	
	PDP-8	Y	\$525	4/65	92	302	
	ALWAC IIIIE	N	\$1820	2/54	21	X	
	8400	Y	\$7000	6/65	2	6	
Friden	6010	Y	\$600	6/63	319	179	
General Electric	115	Y	\$1375	12/65	5	410	
	205	Y	\$2900	6/64	42	8	
	210	Y	\$16,000	7/59	52	X	
	215	Y	\$6000	9/63	54	2	
	225	Y	\$8000	4/61	138	2	
	235	Y	\$10,900	4/64	61	8	
	415	Y	\$7300	5/64	90	60	
	425	Y	\$9600	6/64	50	50	
	435	Y	\$14,000	10/64	20	25	
	625	Y	\$41,000	12/64	11	25	
	635/645	Y	\$45,000	12/64	4	28	
	Honeywell Electronic Data Processing	H-120	Y	\$2600	1/66	2	270
		H-200	Y	\$5700	3/64	710	130
H-400		Y	\$8500	12/61	122	5	
H-800		Y	\$22,000	12/60	86	3	
H-1200		Y	\$6500	2/66	0	42	
H-1400		Y	\$14,000	1/64	12	1	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Honeywell (cont'd)	H-1800	Y	\$30,000	1/64	16	6
	H-2200	Y	\$11,000	1/66	0	44
	H-4200	Y	\$16,800	2/66	0	8
	H-8200	Y	\$35,000	3/67	0	1
	DATAmatic 1000	N	\$40,000	12/57	4	X
IBM	305	N	\$3600	12/57	168	X
	360/20	Y	\$1800	12/65	15	4000
	360/30	Y	\$7200	5/65	600	3200
	360/40	Y	\$14,500	4/65	450	900
	360/44	Y	\$12,000	9/66	0	400
	360/50	Y	\$28,000	8/65	20	360
	360/60	Y	\$48,000	1/66	0	9
	360/62	Y	\$55,000	1/66	0	5
	360/65	Y	\$46,000	11/65	2	110
	360/67	Y	\$49,000	9/66	0	22
	360/75	Y	\$78,000	2/66	0	70
	360/90 Series	Y	\$140,000	6/67	0	6
	650	N	\$4800	11/54	250	X
	1130	Y	\$850	11/65	25	1900
	1401	Y	\$4500	9/60	6650	180
	1401-G	Y	\$2000	5/64	1220	60
	1410	Y	\$14,200	11/61	735	25
	1440	Y	\$3300	4/63	2600	250
	1460	Y	\$9000	10/63	2200	200
	1620 I, II	Y	\$2500	9/60	1700	20
	1800	Y	\$3700	1/66	0	140
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	180	30
	702	N	\$6900	2/55	8	X
	7030	Y	\$160,000	5/61	7	X
	704	N	\$32,000	12/55	39	X
	7040	Y	\$18,000	6/63	115	8
	7044	Y	\$35,200	6/63	115	20
	705	N	\$30,000	11/55	61	X
	7070, 2, 4	Y	\$27,000	3/60	340	7
7080	Y	\$55,000	8/61	75	X	
709	N	\$40,000	8/58	11	X	
7090	Y	\$63,500	11/59	44	1	
7094	Y	\$72,500	9/62	125	6	
7094 II	Y	\$78,500	4/64	105	20	
ITT	7300 ADX	Y	\$18,000	9/61	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	150	X
	Monrobot XI	Y	\$700	12/60	580	100
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	42	X
	NCR - 315	Y	\$8500	5/62	385	60
	NCR - 315-RMC	Y	\$12,000	9/65	12	25
	NCR - 390	Y	\$1850	5/61	1060	40
	NCR - 500	Y	\$1500	10/65	100	750
Philco	1000	Y	\$7010	6/63	20	0
	2000-210, 211	Y	\$40,000	10/58	18	1
	2000-212	Y	\$52,000	1/63	10	1
Radio Corporation of America	Bizmac	N	\$100,000	-/56	3	X
	RCA 301	Y	\$6000	2/61	622	5
	RCA 3301	Y	\$11,500	7/64	49	18
	RCA 501	Y	\$14,000	6/59	99	2
	RCA 601	Y	\$35,000	11/62	4	X
	Spectra 70/15	Y	\$2600	11/65	10	80
	Spectra 70/25	Y	\$5000	11/65	4	40
	Spectra 70/35	Y	\$7000	4/66	0	35
	Spectra 70/45	Y	\$9000	11/65	3	120
	Spectra 70/55	Y	\$14,000	5/66	0	12
	Raytheon	250	Y	\$1200	12/60	172
440		Y	\$3500	3/64	14	3
520		Y	\$3200	10/65	3	5
Scientific Control Systems	650	Y	\$1600	12/65	0	2
	660	Y	\$2000	10/65	2	1
	670	Y	\$2600	12/65	0	2
Scientific Data Systems Inc.	SDS-92	Y	\$900	4/65	30	42
	SDS-910	Y	\$2000	8/62	155	13
	SDS-920	Y	\$2700	9/62	100	12
	SDS-925	Y	\$2500	12/64	16	35
	SDS-930	Y	\$4000	6/64	78	32
	SDS-9300	Y	\$7000	11/64	18	7
Systems Engineering Labs	SEL-810	Y	\$750	9/65	4	13
	SEL-840	Y	\$4000	11/65	2	3
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	28	X
	III	Y	\$20,000	8/62	86	1
	File Computers	N	\$15,000	8/56	19	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	285	X
	418	Y	\$11,000	6/63	56	30
	490 Series	Y	\$26,000	12/61	83	60
	1004	Y	\$1900	2/63	3250	180
	1005	Y	\$2400	2/66	0	120
	1050	Y	\$8000	9/63	270	90
	1100 Series (except 1107)	N	\$35,000	12/50	12	X
	1107	Y	\$45,000	10/62	29	2
	1108	Y	\$50,000	9/65	4	18
	LARC	Y	\$135,000	5/60	2	X
	TOTALS					31,391

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 701-I, 7074, and 7094 I and II's are not for new machines but for conversion from existing 7040, 7070 and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops a documented data file which now covers over 85% of the computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF FEBRUARY 10, 1966

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS	
Advanced Scientific Instruments	ASI 210	Y	\$2850	4/62	24	0	
	ASI 2100	Y	\$3000	12/63	6	1	
	ADVANCE 6020	Y	\$2200	4/65	5	5	
	ADVANCE 6040	Y	\$2800	7/65	3	6	
	ADVANCE 6050	Y	\$5000	10/65	0	4	
	ADVANCE 6070	Y	\$10,500	10/65	1	6	
	ADVANCE 6080	Y	\$7000	1/66	0	0	
Autonetics	RECOMP II	Y	\$2495	11/58	46	X	
	RECOMP III	Y	\$1495	6/61	10	X	
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	158	5	
	BR-133	Y	\$2400	5/64	13	4	
	BR-230	Y	\$2680	8/63	15	X	
	BR-300	Y	\$3000	3/59	38	X	
	BR-330	Y	\$4000	12/60	34	X	
	BR-340	Y	\$7000	12/63	20	X	
Burroughs	205	N	\$4600	1/54	51	X	
	220	N	\$14,000	10/58	42	X	
	E101-103	N	\$875	1/56	148	X	
	B100	Y	\$2800	8/64	120	20	
	B250	Y	\$4200	11/61	95	4	
	B260	Y	\$3750	11/62	220	14	
	B270	Y	\$7000	7/62	145	13	
	B280	Y	\$6500	7/62	118	17	
	B300	Y	\$8400	7/65	64	105	
	B5000/B5500	Y	\$20,000	3/63	49	10	
	B8500	Y	\$200,000	2/67	0	1	
Clary	DE-60/DE-60M	Y	\$525	7/60	347	4	
Computer Control Co.	DDP-24	Y	\$2500	5/63	70	8	
	DDP-116	Y	\$900	4/65	40	45	
	DDP-124	Y	\$2050	2/66	0	9	
	DDP-224	Y	\$3300	3/65	18	15	
Control Data Corporation	G-15	N	\$1000	7/55	311	X	
	G-20	Y	\$15,500	4/61	23	X	
	LGP-21	Y	\$725	12/62	100	X	
	LGP-30	semi	\$1300	9/56	300	X	
	RPC-4000	Y	\$1875	1/61	50	X	
	160*/160A/160G	Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	450	1	
	92A/924A	Y	\$11,000	8/61	30	X	
	1604/1604A	Y	\$45,000	1/60	58	X	
	1700	Y	\$2200	5/66	0	30	
	3100	Y	\$7350	12/64	60	36	
	3200	Y	\$12,000	5/64	94	18	
	3300	Y	\$15,000	9/65	3	35	
	3400	Y	\$25,000	11/64	18	18	
	3500	Y	\$30,000	6/66	0	4	
	3600	Y	\$58,000	6/63	49	10	
	3800	Y	\$60,000	2/66	0	16	
	6400	Y	\$40,000	1/66	0	11	
6600	Y	\$110,000	8/64	8	5		
6800	Y	\$140,000	4/67	0	2		
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	X	
	PDP-4	Y	\$1700	8/62	55	2	
	PDP-5	Y	\$900	9/63	112	1	
	PDP-6	Y	\$10,000	10/64	14	7	
	PDP-7	Y	\$1300	11/64	51	50	
	PDP-8	Y	\$525	4/65	130	275	
	ALWAC IIIIE	N	\$1820	2/54	21	X	
	8400	Y	\$7000	6/65	4	6	
Friden	6010	Y	\$600	6/63	325	179	
General Electric	115	Y	\$1375	12/65	15	410	
	205	Y	\$2900	6/64	42	8	
	210	Y	\$16,000	7/59	52	X	
	215	Y	\$6000	9/63	54	2	
	225	Y	\$8000	4/61	136	2	
	235	Y	\$10,900	4/64	64	8	
	415	Y	\$7300	5/64	93	61	
	425	Y	\$9600	6/64	54	50	
	435	Y	\$14,000	10/64	22	25	
	625	Y	\$14,000	12/64	12	26	
	635/645	Y	\$45,000	12/64	4	28	
	Honeywell Electronic Data Processing	H-120	Y	\$2600	1/66	15	270
		H-200	Y	\$5700	3/64	750	100
		H-400	Y	\$8500	12/61	122	5
H-800		Y	\$22,000	12/60	86	3	
H-1200		Y	\$6500	2/66	0	42	
H-1400		Y	\$14,000	1/64	12	1	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Honeywell (cont'd)	H-1800	Y	\$30,000	1/64	16	6
	H-2200	Y	\$11,000	1/66	1	44
	H-4200	Y	\$16,800	2/66	0	8
	H-8200	Y	\$35,000	3/67	0	3
	DATAmatic 1000	N	\$40,000	12/57	4	X
IBM	305	N	\$3600	12/57	168	X
	360/20	Y	\$1800	12/65	30	4100
	360/30	Y	\$7200	5/65	650	3200
	360/40	Y	\$14,500	4/65	475	900
	360/44	Y	\$12,000	9/66	0	400
	360/50	Y	\$28,000	8/65	21	360
	360/62	Y	\$55,000	11/65	1	X
	360/65	Y	\$46,000	11/65	2	110
	360/67	Y	\$49,000	9/66	0	24
	360/75	Y	\$78,000	2/66	0	68
	360/90 Series	Y	\$140,000	6/67	0	6
	650	N	\$4800	11/54	250	X
	1130	Y	\$850	11/65	30	2000
	1401	Y	\$4500	9/60	6600	180
	1401-G	Y	\$2000	5/64	1350	60
	1410	Y	\$14,200	11/61	740	20
	1440	Y	\$3300	4/63	2800	220
	1460	Y	\$9000	10/63	2250	160
	1620 I, II	Y	\$2500	9/60	1700	20
	1800	Y	\$3700	1/66	0	140
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	185	25
	702	N	\$6900	2/55	8	X
	7030	Y	\$160,000	5/61	7	X
	704	N	\$32,000	12/55	38	X
	7040	Y	\$18,000	6/63	115	8
	7044	Y	\$35,200	6/63	120	20
	705	N	\$30,000	11/55	61	X
	7070, 2, 4	Y	\$27,000	3/60	335	5
	7080	Y	\$55,000	8/61	75	X
	709	N	\$40,000	8/58	11	X
7090	Y	\$63,500	11/59	43	1	
7094	Y	\$72,500	9/62	122	5	
7094 II	Y	\$78,500	4/64	109	20	
ITT	7300 ADX	Y	\$18,000	9/61	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	150	X
	Monrobot XI	Y	\$700	12/60	580	100
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	21	X
	NCR - 315	Y	\$8500	5/62	385	60
	NCR - 315-RMC	Y	\$12,000	9/65	8	25
	NCR - 390	Y	\$1850	5/61	1070	35
	NCR - 500	Y	\$1500	10/65	150	750
Philco	1000	Y	\$7010	6/63	20	0
	2000-210, 211	Y	\$40,000	10/58	18	1
	2000-212	Y	\$52,000	1/63	10	1
Radio Corporation of America	Bizmac	N	\$100,000	-/56	3	X
	RCA 301	Y	\$6000	2/61	643	5
	RCA 3301	Y	\$11,500	7/64	49	18
	RCA 501	Y	\$14,000	6/59	99	2
	RCA 601	Y	\$35,000	11/62	4	X
	Spectra 70/15	Y	\$2600	11/65	14	80
	Spectra 70/25	Y	\$5000	11/65	6	40
	Spectra 70/35	Y	\$7000	4/66	0	35
	Spectra 70/45	Y	\$9000	11/65	3	120
	Spectra 70/55	Y	\$14,000	5/66	0	12
	Raytheon	250	Y	\$1200	12/60	172
440		Y	\$3500	3/64	14	3
520		Y	\$3200	10/65	3	5
Scientific Control Systems	650	Y	\$500	12/65	0	2
	660	Y	\$2000	10/65	2	1
	670	Y	\$2600	12/65	0	2
Scientific Data Systems Inc.	SDS-92	Y	\$775	4/65	32	40
	SDS-910	Y	\$2000	8/62	160	13
	SDS-920	Y	\$2700	9/62	104	12
	SDS-925	Y	\$2500	12/64	15	33
	SDS-930	Y	\$4000	6/64	83	30
	SDS-9300	Y	\$7000	11/64	24	10
Systems Engineering Labs	SEL-810	Y	\$750	9/65	4	13
	SEL-840	Y	\$4000	11/65	2	3
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	28	X
	III	Y	\$20,000	8/62	85	1
	File Computers	N	\$15,000	8/56	18	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	280	X
	418	Y	\$11,000	6/63	60	28
	490 Series	Y	\$35,000	12/61	85	60
	1004	Y	\$1900	2/63	3300	160
	1005	Y	\$2400	2/66	0	150
	1050	Y	\$8000	9/63	280	80
	1100 Series (except 1107)	N	\$35,000	12/50	12	X
	1107	Y	\$60,000	10/62	29	2
	1108	Y	\$65,000	9/65	5	16
	LARC	Y	\$135,000	5/60	2	X
TOTALS					32,142	16,112

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversion from existing 7040, 7070 and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops and maintains a data bank describing current computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF MARCH 10, 1966

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Advanced Scientific Instruments	ASI 210	Y	\$3850	4/62	24	0
	ASI 2100	Y	\$4200	12/63	7	1
	ADVANCE 6020	Y	\$4400	4/65	7	6
	ADVANCE 6040	Y	\$5600	7/65	3	6
	ADVANCE 6050	Y	\$9000	2/66	1	4
	ADVANCE 6070	Y	\$15,000	10/65	1	6
	ADVANCE 6080	Y	\$13,000	4/66	0	0
Autonetics	RECOMP II	Y	\$2495	11/58	45	X
	RECOMP III	Y	\$1495	6/61	10	X
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	159	5
	BR-133	Y	\$2400	5/64	19	4
	BR-230	Y	\$2680	8/63	15	X
	BR-300	Y	\$3000	3/59	37	X
	BR-330	Y	\$4000	12/60	34	X
	BR-340	Y	\$7000	12/63	20	X
Burroughs	205	N	\$4600	1/54	50	X
	220	N	\$14,000	10/58	41	X
	E101-103	N	\$875	1/56	145	X
	B100	Y	\$2800	8/64	125	16
	B250	Y	\$4200	11/61	95	4
	B260	Y	\$3750	11/62	225	10
	B270	Y	\$7000	7/62	148	12
	B280	Y	\$6500	7/62	120	16
	B300	Y	\$8400	7/65	68	90
	B5500	Y	\$20,000	3/63	49	10
	B8500	Y	\$200,000	2/67	0	1
	Clary	DE-60/DE-60M	Y	\$525	7/60	355
Computer Control Co.	DDP-24	Y	\$2500	5/63	70	8
	DDP-116	Y	\$900	4/65	45	48
	DDP-124	Y	\$2050	3/66	2	12
	DDP-224	Y	\$3300	3/65	20	22
Control Data Corporation	G-15	N	\$1600	7/55	310	X
	G-20	Y	\$15,500	4/61	23	X
	LGP-21	Y	\$725	12/62	98	X
	LGP-30	semi	\$1300	9/56	295	X
	RPC-4000	Y	\$1875	1/61	50	X
	160*/160A/160G	Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	450	1
	924/924A	Y	\$11,000	8/61	30	X
	1604/1604A	Y	\$45,000	1/60	58	X
	1700	Y	\$2200	5/66	0	32
	3100	Y	\$7350	12/64	63	32
	3200	Y	\$12,000	5/64	97	10
	3300	Y	\$15,000	9/65	4	35
	3400	Y	\$25,000	11/64	19	6
	3500	Y	\$30,000	9/66	0	4
	3600	Y	\$58,000	6/63	50	10
	3800	Y	\$60,000	2/66	1	16
	6400	Y	\$40,000	3/66	0	11
6600	Y	\$110,000	8/64	9	5	
6800	Y	\$140,000	4/67	0	2	
Data Machines, Inc.	620	Y	\$900	11/65	6	32
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	X
	PDP-4	Y	\$1700	8/62	55	2
	PDP-5	Y	\$900	9/63	112	1
	PDP-6	Y	\$10,000	10/64	14	7
	PDP-7	Y	\$1300	11/64	54	48
	PDP-8	Y	\$525	4/65	180	275
	ALWAC IIIIE	N	\$1820	2/54	21	X
Electronic Associates, Inc.	8400	Y	\$7000	6/65	4	6
Friden	6010	Y	\$600	6/63	540	85
General Electric	115	Y	\$1375	12/65	30	420
	205	Y	\$2900	6/64	44	8
	210	Y	\$16,000	7/59	50	X
	215	Y	\$6000	9/63	55	2
	225	Y	\$8000	4/61	155	10
	235	Y	\$10,900	4/64	60	8
	415	Y	\$7300	5/64	100	65
	425	Y	\$9600	6/64	54	40
	435	Y	\$14,000	10/64	22	18
	625	Y	\$14,000	12/64	12	26
	635/645	Y	\$45,000	12/64	5	28
	Honeywell Electronic Data Processing	H-120	Y	\$2600	1/66	25
H-200		Y	\$5700	3/64	600	110
H-400		Y	\$8500	12/61	122	5
H-800		Y	\$22,000	12/60	86	3
H-1200		Y	\$6500	2/66	1	42

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILED ORDERS
Honeywell (cont'd)	H-1400	Y	\$14,000	1/64	12	1
	H-1800	Y	\$30,000	1/64	17	6
	H-2200	Y	\$11,000	1/66	2	44
	H-4200	Y	\$16,800	3/66	0	8
	H-8200	Y	\$35,000	3/67	0	3
	DATAmatic 1000	N	\$40,000	12/57	4	X
IBM	305	N	\$3600	12/57	165	X
	360/20	Y	\$1800	12/65	45	4100
	360/30	Y	\$7500	5/65	800	3200
	360/40	Y	\$15,000	4/65	525	1000
	360/44	Y	\$10,000	9/66	0	380
	360/50	Y	\$26,000	8/65	25	360
	360/62	Y	\$55,000	11/65	1	X
	360/65	Y	\$50,000	11/65	2	110
	360/67	Y	\$54,000	9/66	0	50
	360/75	Y	\$78,000	2/66	1	55
	360/90 Series	Y	\$140,000	6/67	0	8
	650	N	\$4800	11/54	240	X
	1130	Y	\$1000	11/65	50	2000
	1401	Y	\$6000	9/60	6650	250
	1401-G	Y	\$1900	5/64	1325	60
	1410	Y	\$14,200	11/61	745	40
	1440	Y	\$3300	4/63	2850	220
	1460	Y	\$9000	10/63	2000	150
	1620 I, II	Y	\$2500	9/60	1700	30
	1800	Y	\$3700	1/66	1	150
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	185	25
	702	N	\$6900	2/55	8	X
	7030	Y	\$160,000	5/61	7	X
	704	N	\$32,000	12/55	37	X
	7040	Y	\$18,000	6/63	118	8
7044	Y	\$35,200	6/63	122	20	
705	N	\$30,000	11/55	60	X	
7070, 2, 4	Y	\$27,000	3/60	335	5	
7080	Y	\$55,000	8/61	80	X	
709	N	\$40,000	8/58	11	X	
7090	Y	\$63,500	11/59	45	1	
7094	Y	\$72,500	9/62	130	5	
7094 II	Y	\$78,500	4/64	115	15	
ITT	7300 ADX	Y	\$18,000	9/61	9	6
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	150	X
	Monrobot XI	Y	\$700	12/60	580	100
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	20	X
	NCR - 315	Y	\$8500	5/62	385	50
	NCR - 315-RMC	Y	\$12,000	9/65	10	25
	NCR - 390	Y	\$1850	5/61	1070	35
	NCR - 500	Y	\$1500	10/65	180	800
Philco	1000	Y	\$7010	6/63	20	0
	2000-210, 211	Y	\$40,000	10/58	18	1
	2000-212	Y	\$52,000	1/63	11	1
Radio Corporation of America	Bizmac	N	\$100,000	-/56	3	X
	RCA 301	Y	\$6000	2/61	645	5
	RCA 3301	Y	\$11,500	7/64	47	16
	RCA 501	Y	\$14,000	6/59	99	2
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$2600	11/65	15	90
	Spectra 70/25	Y	\$5000	11/65	7	55
	Spectra 70/35	Y	\$7000	4/66	0	45
	Spectra 70/45	Y	\$9000	11/65	3	125
	Spectra 70/55	Y	\$14,000	5/66	0	12
Raytheon	250	Y	\$1200	12/60	172	2
	440	Y	\$3500	3/64	14	3
	520	Y	\$3200	10/65	5	5
Scientific Control Systems	650	Y	\$500	12/65	0	2
	660	Y	\$2000	10/65	2	1
	670	Y	\$2600	12/65	0	2
Scientific Data Systems Inc.	SDS-92	Y	\$775	4/65	35	45
	SDS-910	Y	\$2000	8/62	167	13
	SDS-920	Y	\$2700	9/62	112	10
	SDS-925	Y	\$2500	12/64	15	33
	SDS-930	Y	\$4000	6/64	84	30
	SDS-9300	Y	\$7000	11/64	20	9
Systems Engineering Labs	SEL-810	Y	\$750	9/65	4	13
	SEL-840	Y	\$4000	11/65	2	3
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	30	X
	III	Y	\$20,000	8/62	84	1
	File Computers	N	\$15,000	8/56	18	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	275	X
	418	Y	\$11,000	6/63	62	28
	490 Series	Y	\$35,000	12/61	88	60
	1004	Y	\$1900	2/63	3300	160
	1005	Y	\$2400	3/66	0	155
	1050	Y	\$8000	9/63	285	80
	1100 Series (except 1107)	N	\$35,000	12/50	12	X
	1107	Y	\$60,000	10/62	30	2
	1108	Y	\$65,000	9/65	5	16
	LARC	Y	\$135,000	5/60	2	X
TOTALS					32,504	16,325

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversion from existing 7040, 7070, and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops and maintains a data bank describing current computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF APRIL 10, 1966

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Advanced Scientific Instruments	ASI 210	Y	\$3850	4/62	24	0
	ASI 2100	Y	\$4200	12/63	7	1
	ADVANCE 6020	Y	\$4400	4/65	8	6
	ADVANCE 6040	Y	\$5600	7/65	3	6
	ADVANCE 6050	Y	\$9000	2/66	1	4
	ADVANCE 6070	Y	\$15,000	10/65	2	6
	ADVANCE 6080	Y	\$13,000	4/66	0	0
Autonetics	RECOMP II	Y	\$2495	11/58	44	X
	RECOMP III	Y	\$1495	6/61	10	X
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	159	5
	BR-133	Y	\$2400	5/64	19	4
	BR-230	Y	\$2680	8/63	15	X
	BR-300	Y	\$3000	3/59	37	X
	BR-330	Y	\$4000	12/60	34	X
	BR-340	Y	\$7000	12/63	20	X
Burroughs	205	N	\$4600	1/54	49	X
	220	N	\$14,000	10/58	40	X
	E101-103	N	\$875	1/56	145	X
	B100	Y	\$2800	8/64	135	15
	B250	Y	\$4200	11/61	95	4
	B260	Y	\$3750	11/62	227	8
	B270	Y	\$7000	7/62	148	12
	B280	Y	\$6500	7/62	122	16
	B300	Y	\$8400	7/65	72	85
	B5500	Y	\$20,000	3/63	50	10
	B8500	Y	\$200,000	2/67	0	1
Clary	DE-60/DE-60M	Y	\$525	7/60	355	4
Computer Control Co.	DDP-24	Y	\$2500	5/63	70	8
	DDP-116	Y	\$900	4/65	50	45
	DDP-124	Y	\$2050	3/66	4	12
	DDP-224	Y	\$3300	3/65	22	22
Control Data Corporation	G-15	N	\$1600	7/55	310	X
	G-20	Y	\$15,500	4/61	23	X
	LGP-21	Y	\$725	12/62	98	X
	LGP-30	semi	\$1300	9/56	295	X
	RPC-4000	Y	\$1875	1/61	50	X
	160*/160A/160G	Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	450	1
	924/924A	Y	\$11,000	8/61	30	X
	1604/1604A	Y	\$45,000	1/60	58	X
	1700	Y	\$2200	5/66	0	38
	3100	Y	\$7350	12/64	66	33
	3200	Y	\$12,000	5/64	99	9
	3300	Y	\$15,000	9/65	6	32
	3400	Y	\$25,000	11/64	19	2
	3500	Y	\$30,000	9/66	0	5
	3600	Y	\$58,000	6/63	50	7
	3800	Y	\$60,000	2/66	1	18
	6400	Y	\$40,000	5/66	0	11
6600	Y	\$110,000	8/64	9	8	
6800	Y	\$140,000	4/67	0	2	
Data Machines, Inc.	620	Y	\$900	11/65	6	32
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	X
	PDP-4	Y	\$1700	8/62	55	2
	PDP-5	Y	\$900	9/63	112	1
	PDP-6	Y	\$10,000	10/64	17	6
	PDP-7	Y	\$1300	11/64	59	45
	PDP-8	Y	\$525	4/65	210	280
El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	21	X
Electronic Associates, Inc.	8400	Y	\$7000	6/65	4	6
Friden	6010	Y	\$600	6/63	540	85
General Electric	115	Y	\$1375	12/65	45	420
	205	Y	\$2900	6/64	45	7
	210	Y	\$16,000	7/59	50	X
	215	Y	\$6000	9/63	56	2
	225	Y	\$8000	4/61	155	10
	235	Y	\$10,900	4/64	62	8
	415	Y	\$7300	5/64	105	66
	425	Y	\$9600	6/64	56	42
	435	Y	\$14,000	10/64	24	18
	625	Y	\$14,000	12/64	13	26
	635/645	Y	\$45,000	12/64	7	30
Honeywell Electronic Data Processing	H-120	Y	\$2600	1/66	40	300
	H-200	Y	\$5700	3/64	625	95
	H-400	Y	\$8500	12/61	122	5
	H-800	Y	\$22,000	12/60	86	3
	H-1200	Y	\$6500	2/66	3	42

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS	
Honeywell (cont'd)	H-1400	Y	\$14,000	1/64	12	1	
	H-1800	Y	\$30,000	1/64	18	6	
	H-2200	Y	\$11,000	1/66	4	45	
	H-4200	Y	\$16,800	3/66	0	8	
	H-8200	Y	\$35,000	3/67	0	3	
	DATAmatic 1000	N	\$40,000	12/57	4	X	
IBM	305	N	\$3600	12/57	164	X	
	360/20	Y	\$1800	12/65	100	4200	
	360/30	Y	\$7500	5/66	1100	3200	
	360/40	Y	\$15,000	4/65	700	1000	
	360/44	Y	\$10,000	9/66	0	400	
	360/50	Y	\$26,000	8/65	40	360	
	360/62	Y	\$55,000	11/65	1	X	
	360/65	Y	\$50,000	11/65	5	110	
	360/67	Y	\$54,000	9/66	0	55	
	360/75	Y	\$78,000	2/66	1	55	
	360/90 Series	Y	\$140,000	6/67	0	9	
	650	N	\$4800	11/54	235	X	
	1130	Y	\$1000	11/65	150	2200	
	1401	Y	\$6000	9/60	6600	250	
	1401-G	Y	\$1900	5/64	1450	50	
	1410	Y	\$14,200	11/61	750	35	
	1440	Y	\$3300	4/63	3000	220	
	1460	Y	\$9000	10/63	2000	150	
	1620 I, II	Y	\$2500	9/60	1700	30	
	1800	Y	\$3700	1/66	5	150	
	701	N	\$5000	4/53	1	X	
	7010	Y	\$22,600	10/63	192	25	
	702	N	\$6900	2/55	8	X	
	7030	Y	\$160,000	5/61	7	X	
	704	N	\$32,000	12/55	37	X	
	7040	Y	\$18,000	6/63	118	8	
	7044	Y	\$35,200	6/63	125	20	
	705	N	\$30,000	11/55	60	X	
	7070, 2, 4	Y	\$27,000	3/60	335	5	
	7080	Y	\$55,000	8/61	80	X	
	709	N	\$40,000	8/58	11	X	
	7090	Y	\$63,500	11/59	45	1	
	7094	Y	\$72,500	9/62	126	5	
7094 II	Y	\$78,500	4/64	120	15		
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	150	X	
	Monrobot XI	Y	\$700	12/60	580	100	
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X	
	NCR - 310	Y	\$2000	5/61	20	X	
	NCR - 315	Y	\$8500	5/62	388	45	
	NCR - 315-RMC	Y	\$12,000	9/65	13	25	
	NCR - 390	Y	\$1850	5/61	1100	35	
	NCR - 500	Y	\$1500	10/65	250	850	
Philco	1000	Y	\$7010	6/63	20	0	
	2000-210, 211	Y	\$40,000	10/58	18	1	
	2000-212	Y	\$52,000	1/63	11	1	
Radio Corporation of America	Bizmac	N	\$100,000	-/56	3	X	
	RCA 301	Y	\$6000	2/61	645	5	
	RCA 3301	Y	\$11,500	7/64	50	14	
	RCA 501	Y	\$14,000	6/59	99	2	
	RCA 601	Y	\$35,000	11/62	5	X	
	Spectra 70/15	Y	\$2600	11/65	23	95	
	Spectra 70/25	Y	\$5000	11/65	12	60	
	Spectra 70/35	Y	\$7000	4/66	0	60	
	Spectra 70/45	Y	\$9000	11/65	5	125	
	Spectra 70/55	Y	\$14,000	5/66	0	12	
	Raytheon	250	Y	\$1200	12/60	172	2
440		Y	\$3500	3/64	14	3	
520		Y	\$3200	10/65	8	7	
Scientific Control Systems	650	Y	\$500	12/65	0	2	
	660	Y	\$2000	10/65	2	1	
	670	Y	\$2600	12/65	0	2	
Scientific Data Systems Inc.	SDS-92	Y	\$775	4/65	39	44	
	SDS-910	Y	\$2000	8/62	172	13	
	SDS-920	Y	\$2700	9/62	116	10	
	SDS-925	Y	\$2500	12/64	15	22	
	SDS-930	Y	\$4000	6/64	110	30	
	SDS-9300	Y	\$7000	11/64	41	12	
	SIGMA 7	Y	\$10,000	12/66	0	14	
Systems Engineering Labs	SEL-810	Y	\$750	9/65	4	13	
	SEL-840	Y	\$4000	11/65	2	3	
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	29	X	
	III	Y	\$20,000	8/62	83	1	
	File Computers	N	\$15,000	8/56	18	X	
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	275	X	
	418	Y	\$11,000	6/63	70	38	
	490 Series	Y	\$35,000	12/61	90	62	
	1004	Y	\$1900	2/63	3350	160	
	1005	Y	\$2400	3/66	0	155	
	1050	Y	\$8000	9/63	290	70	
	1100 Series (except 1107)	N	\$35,000	12/50	12	X	
	1107	Y	\$60,000	10/62	30	2	
	1108	Y	\$65,000	9/65	7	16	
	LARC	Y	\$135,000	5/60	2	X	
	TOTALS					33,792	16,699

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversion from existing 7040, 7070, and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops and maintains a data bank describing current computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF MAY 10, 1966

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS	
Advanced Scientific Instruments	ASI 210	Y	\$3850	4/62	25	0	
	ASI 2100	Y	\$4200	12/63	7	0	
	ADVANCE 6020	Y	\$4400	4/65	9	5	
	ADVANCE 6040	Y	\$5600	7/65	3	6	
	ADVANCE 6050	Y	\$9000	2/66	2	6	
	ADVANCE 6070	Y	\$15,000	10/65	2	6	
	ADVANCE 6130	Y	\$1000	11/66	0	3	
Autonetics	RECOMP II	Y	\$2495	11/58	44	X	
	RECOMP III	Y	\$1495	6/61	10	X	
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	159	5	
	BR-133	Y	\$2400	5/64	20	3	
	BR-230	Y	\$2680	8/63	15	X	
	BR-300	Y	\$3000	3/59	36	X	
	BR-330	Y	\$4000	12/60	34	X	
	BR-340	Y	\$7000	12/63	20	X	
Burroughs	205	N	\$4600	1/54	49	X	
	220	N	\$14,000	10/58	40	X	
	E101-103	N	\$875	1/56	143	X	
	B100	Y	\$2800	8/64	140	12	
	B250	Y	\$4200	11/61	95	4	
	B260	Y	\$3750	11/62	225	8	
	B270	Y	\$7000	7/62	151	12	
	B280	Y	\$6500	7/62	125	15	
	B300	Y	\$8400	7/65	75	88	
	B2500	Y	\$5000	1/67	0	22	
	B3500	Y	\$14,000	5/67	0	18	
	B5500	Y	\$20,000	3/63	50	10	
	B8500	Y	\$200,000	2/67	0	1	
Clary	DE-60/DE-60M	Y	\$525	7/60	355	4	
Computer Control Co.	DDP-24	Y	\$2500	5/63	70	8	
	DDP-116	Y	\$900	4/65	55	30	
	DDP-124	Y	\$2050	3/66	14	18	
	DDP-224	Y	\$3300	3/65	22	22	
	Control Data Corporation	G-15	N	\$1600	7/55	310	X
G-20		Y	\$15,500	4/61	23	X	
LGP-21		Y	\$725	12/62	125	X	
LGP-30		semi	\$1300	9/56	120	X	
RPC-4000		Y	\$1875	1/61	55	X	
160*/160A/160G		Y	\$1750/\$3400/\$12,000	5/60;7/61;3/64	450	5	
924/924A		Y	\$11,000	8/61	29	X	
1604/1604A		Y	\$45,000	1/60	58	X	
1700		Y	\$4000	5/66	0	38	
3100		Y	\$7350	12/64	70	35	
3200		Y	\$12,000	5/64	90	X	
3300		Y	\$15,000	9/65	8	38	
3400		Y	\$25,000	11/64	21	X	
3500		Y	\$30,000	9/66	0	6	
3600		Y	\$58,000	6/63	51	2	
3800		Y	\$60,000	2/66	2	12	
6400		Y	\$40,000	5/66	1	14	
6600	Y	\$110,000	8/64	13	9		
6800	Y	\$140,000	4/67	0	4		
Data Machines, Inc.	620	Y	\$900	11/65	6	32	
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	X	
	PDP-4	Y	\$1700	8/62	55	2	
	PDP-5	Y	\$900	9/63	112	1	
	PDP-6	Y	\$10,000	10/64	18	5	
	PDP-7	Y	\$1300	11/64	64	48	
	PDP-8	Y	\$525	4/65	250	280	
	El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	21	X
		8400	Y	\$7000	6/65	4	6
Friden	6010	Y	\$600	6/63	400	85	
General Electric	115	Y	\$1375	12/65	65	500	
	205	Y	\$2900	6/64	45	7	
	210	Y	\$16,000	7/59	50	X	
	215	Y	\$6000	9/63	56	X	
	225	Y	\$8000	4/61	214	X	
	235	Y	\$10,900	4/64	62	2	
	415	Y	\$7300	5/64	150	70	
	425	Y	\$9600	6/64	60	45	
	435	Y	\$14,000	10/64	25	18	
	625	Y	\$45,000	12/64	13	25	
	635/645	Y	\$55,000	12/64	8	30	
Honeywell Electronic Data Processing	H-120	Y	\$2600	1/66	60	300	
	H-200	Y	\$5700	3/64	730	100	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Honeywell (cont'd)	H-400	Y	\$8500	12/61	120	X
	H-800	Y	\$22,000	12/60	86	3
	H-1200	Y	\$6500	2/66	5	49
	H-1400	Y	\$14,000	1/64	12	1
	H-1800	Y	\$30,000	1/64	18	6
	H-2200	Y	\$11,000	1/66	5	45
	H-4200	Y	\$16,800	6/66	0	8
	H-8200	Y	\$35,000	3/67	0	3
	DATAmatic 1000	N	\$40,000	12/57	4	X
IBM	305	N	\$3600	12/57	162	X
	360/20	Y	\$1800	12/65	130	6400
	360/30	Y	\$7500	5/65	1150	4150
	360/40	Y	\$15,000	4/65	725	1700
	360/44	Y	\$10,000	9/66	0	535
	360/50	Y	\$26,000	8/65	40	640
	360/62	Y	\$55,000	11/65	1	X
	360/65	Y	\$50,000	11/65	5	105
	360/67	Y	\$75,000	9/66	0	55
	360/75	Y	\$78,000	2/66	3	44
	360/90 Series	Y	\$140,000	6/67	0	9
	650	N	\$4800	11/54	225	X
	1130	Y	\$1200	11/65	200	3700
	1401	Y	\$6600	9/60	6600	300
	1401-G	Y	\$1900	5/64	1500	65
	1410	Y	\$14,200	11/61	755	110
	1440	Y	\$4800	4/63	3100	450
	1460	Y	\$9000	10/63	2000	135
	1620 I, II	Y	\$4000	9/60	1700	50
	1800	Y	\$7600	1/66	10	270
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	192	35
	702	N	\$6900	2/55	7	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	37	X
	7040	Y	\$22,000	6/63	118	14
	7044	Y	\$32,000	6/63	128	20
705	N	\$38,000	11/55	60	X	
7070, 2, 4	Y	\$27,000	3/60	336	X	
7080	Y	\$55,000	8/61	80	X	
709	N	\$40,000	8/58	11	X	
7090	Y	\$63,500	11/59	45	1	
7094	Y	\$72,500	9/62	126	5	
7094 II	Y	\$78,500	4/64	120	12	
Monroe Calculating Machine Co.	Monrobot IX	N	Sold only - \$5800	3/58	145	X
	Monrobot XI	Y	\$700	12/60	500	100
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2000	5/61	20	X
	NCR - 315	Y	\$8500	5/62	400	40
	NCR - 315-RMC	Y	\$12,000	9/65	25	25
	NCR - 390	Y	\$1850	5/61	1120	25
	NCR - 500	Y	\$1500	10/65	350	800
Philco	1000	Y	\$7010	6/63	20	X
	2000-210, 211	Y	\$40,000	10/58	18	X
	2000-212	Y	\$52,000	1/63	11	X
Radio Corporation of America	Bizmac	N	\$100,000	-/56	2	X
	RCA 301	Y	\$7000	2/61	647	5
	RCA 3301	Y	\$17,000	7/64	50	14
	RCA 501	Y	\$14,000	6/59	99	2
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$3500	9/65	35	100
	Spectra 70/25	Y	\$5000	9/65	14	65
	Spectra 70/35	Y	\$9000	11/66	0	65
	Spectra 70/45	Y	\$15,000	11/65	6	125
	Spectra 70/55	Y	\$30,000	7/66	0	14
Raytheon	250	Y	\$1200	12/60	170	X
	440	Y	\$3500	3/64	14	3
	520	Y	\$3200	10/65	9	7
Scientific Control Systems	650	Y	\$500	5/66	0	3
	660	Y	\$2000	10/65	3	2
	670	Y	\$2600	5/66	0	2
Scientific Data Systems Inc.	SDS-92	Y	\$1100	4/65	42	40
	SDS-910	Y	\$2000	8/62	173	12
	SDS-920	Y	\$2900	9/62	116	10
	SDS-925	Y	\$3000	12/64	16	20
	SDS-930	Y	\$3400	6/64	110	30
	SDS-940	Y	\$10,000	4/66	2	15
	SDS-9300	Y	\$7000	11/64	25	8
	Sigma 7	Y	\$10,000	12/66	0	16
Systems Engineering Labs	SEL-810A	Y	\$1000	9/65	19	11
	SEL-840A	Y	\$1400	11/65	4	2
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	29	X
	III	Y	\$20,000	8/62	82	1
	File Computers	N	\$15,000	8/56	18	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	270	X
	418	Y	\$11,000	6/63	75	40
	490 Series	Y	\$35,000	12/61	94	63
	1004	Y	\$1900	2/63	3350	160
	1005	Y	\$2400	4/66	50	200
	1050	Y	\$8000	9/63	290	60
	1100 Series (except 1170)	N	\$35,000	12/50	12	X
	1107	Y	\$60,000	10/62	30	2
	1108	Y	\$65,000	9/65	8	20
	LARC	Y	\$135,000	5/60	2	X
	TOTALS					34278

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversion from existing 7040, 7070, and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops and maintains a databank describing current computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF JUNE 10, 1966

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Advanced Scientific Instruments	ASI 210	Y	\$3850	4/62	25	0
	ASI 2100	Y	\$4200	12/63	7	0
	ADVANCE 6020	Y	\$4400	4/65	9	5
	ADVANCE 6040	Y	\$5600	7/65	4	5
	ADVANCE 6050	Y	\$9000	2/66	2	6
	ADVANCE 6070	Y	\$15,000	10/65	2	6
Autonetics	ADVANCE 6130	Y	\$1000	11/66	0	3
	RECOMP II	Y	\$2495	11/58	42	X
Bunker-Ramo Corp.	RECOMP III	Y	\$1495	6/61	10	X
	BR-130	Y	\$2000	10/61	160	4
Burroughs	BR-133	Y	\$2400	5/64	20	3
	BR-230	Y	\$2680	8/63	15	X
	BR-300	Y	\$3000	3/59	36	X
	BR-330	Y	\$4000	12/60	34	X
	BR-340	Y	\$7000	12/63	20	X
	205	N	\$4600	1/54	49	X
Computer Control Co.	220	N	\$14,000	10/58	40	X
	E101-103	N	\$875	1/54	142	X
	B100	Y	\$2800	8/64	145	20
	B250	Y	\$4200	11/61	95	4
	B260	Y	\$3750	11/62	224	8
	B270	Y	\$7000	7/62	153	12
	B280	Y	\$6500	7/62	128	15
	B300	Y	\$8400	7/65	79	90
	B2500	Y	\$5000	1/67	0	26
	B3500	Y	\$14,000	5/67	0	20
	B5500	Y	\$22,000	3/63	51	10
	B6500	Y	\$33,000	2/68	0	2
	B8500	Y	\$200,000	2/67	0	1
	Control Data Corporation	DDP-24	Y	\$2500	5/63	70
DDP-116		Y	\$900	4/65	58	30
DDP-124		Y	\$2050	3/66	16	18
DDP-224		Y	\$3300	3/65	25	20
Data Machines, Inc.	G-15	N	\$1600	7/55	310	X
	G-20	Y	\$15,500	4/61	23	X
	LGP-21	Y	\$725	12/62	120	X
	LGP-30	semi	\$1300	9/56	125	X
	RPC-4000	Y	\$1875	1/61	55	X
	160*/160A/160G	Y	\$1750/\$4000/\$12,000	5/60;7/61;3/64	450	5
	924/924A	Y	\$11,000	8/61	29	X
	1604/1604A	Y	\$45,000	1/60	59	X
	1700	Y	\$4000	5/66	6	80
	3100	Y	\$7500	12/64	74	35
	3200	Y	\$12,000	5/64	90	X
	3300	Y	\$15,000	9/65	12	40
	3400	Y	\$25,000	11/64	19	X
	3500	Y	\$30,000	9/66	0	10
	3600	Y	\$58,000	6/63	50	2
	3800	Y	\$60,000	2/66	3	12
	6400	Y	\$50,000	5/66	2	14
6600	Y	\$85,000	8/64	14	9	
6800	Y	\$130,000	4/67	0	4	
Digital Equipment Corp.	620	Y	\$900	11/65	6	32
El-tronics, Inc.	PDP-1	Y	\$3400	11/60	60	X
	PDP-4	Y	\$1700	8/62	55	2
	PDP-5	Y	\$900	9/63	112	1
	PDP-6	Y	\$10,000	10/64	19	4
	PDP-7	Y	\$1300	11/64	69	50
	PDP-8	Y	\$525	4/65	290	275
Electronic Associates, Inc.	ALWAC IIIIE	N	\$1820	2/54	20	X
Friden	8400	Y	\$7000	6/65	4	6
General Electric	6010	Y	\$600	6/63	420	80
	115	Y	\$1375	12/65	90	520
	205	Y	\$2900	6/64	46	X
	210	Y	\$16,000	7/59	50	X
	215	Y	\$6000	9/63	56	X
	225	Y	\$8000	4/61	214	X
	235	Y	\$10,900	4/64	62	5
	415	Y	\$7300	5/64	155	72
	425	Y	\$9600	6/64	63	46
	435	Y	\$14,000	10/64	27	18
	625	Y	\$45,000	12/64	15	28
	635/645	Y	\$55,000	12/64	9	31
	Honeywell Electronic Data Processing	H-120	Y	\$2600	1/66	90
H-200	Y	\$5700	3/64	770	110	
H-400	Y	\$8500	12/61	120	X	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	
Honeywell (cont'd)	H-800	Y	\$22,000	12/60	86	3	
	H-1200	Y	\$7300	2/66	8	50	
	H-1400	Y	\$14,000	1/64	12	1	
	H-1800	Y	\$35,000	1/64	19	4	
	H-2200	Y	\$13,000	1/66	6	46	
	H-4200	Y	\$20,500	6/66	0	9	
	H-8200	Y	\$35,000	3/67	0	3	
	DATAmatic 1000	N	\$40,000	12/57	4	X	
IBM	305	N	\$3600	12/57	160	X	
	360/20	Y	\$1800	12/65	200	6500	
	360/30	Y	\$7500	5/65	1200	4200	
	360/40	Y	\$15,000	4/65	740	1700	
	360/44	Y	\$10,000	9/66	0	500	
	360/50	Y	\$26,000	8/65	44	650	
	360/52	Y	\$55,000	11/65	1	X	
	360/65	Y	\$50,000	11/65	10	110	
	360/67	Y	\$75,000	9/66	0	55	
	360/75	Y	\$78,000	2/66	5	45	
	360/90 Series	Y	\$140,000	6/67	0	9	
	650	N	\$4800	11/54	220	X	
	1130	Y	\$1200	11/65	275	3700	
	1401	Y	\$6600	9/60	6600	300	
	1401-G	Y	\$1900	5/64	1550	60	
	1410	Y	\$14,200	11/61	775	110	
	1440	Y	\$4800	4/63	3050	425	
	1460	Y	\$9000	10/63	2000	130	
	1620 I, II	Y	\$4000	9/60	1700	50	
	1800	Y	\$7600	1/66	15	275	
	701	N	\$5000	4/53	1	X	
	7010	Y	\$22,600	10/63	195	30	
	702	N	\$6900	2/55	7	X	
	7030	Y	\$160,000	5/61	6	X	
	704	N	\$32,000	12/55	36	X	
	7040	Y	\$22,000	6/63	118	12	
	7044	Y	\$32,000	6/63	130	18	
	705	N	\$38,000	11/55	58	X	
	7070, 2, 4	Y	\$27,000	3/60	335	X	
	7080	Y	\$55,000	8/61	80	X	
709	N	\$40,000	8/58	11	X		
7090	Y	\$63,500	11/59	45	1		
7094	Y	\$72,500	9/62	122	4		
7094 II	Y	\$78,500	4/64	124	10		
Monroe Calculating Machine Co.	Monrobot XI	Y	\$700	12/60	500	100	
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X	
	NCR - 310	Y	\$2500	5/61	20	X	
	NCR - 315	Y	\$8500	5/62	410	30	
	NCR - 315-RMC	Y	\$12,000	9/65	35	25	
	NCR - 390	Y	\$1850	5/61	1130	25	
	NCR - 500	Y	\$1500	10/65	425	850	
Philco	1000	Y	\$7010	6/63	20	X	
	2000-210, 211	Y	\$40,000	10/58	18	X	
	2000-212	Y	\$52,000	1/63	11	X	
Radio Corporation of America	Bizmac	N	\$100,000	-/56	2	X	
	RCA 301	Y	\$7000	2/61	647	4	
	RCA 3301	Y	\$17,000	7/64	50	14	
	RCA 501	Y	\$14,000	6/59	99	X	
	RCA 601	Y	\$35,000	11/62	5	X	
	Spectra 70/15	Y	\$3500	9/65	45	110	
	Spectra 70/25	Y	\$5000	9/65	25	70	
	Spectra 70/35	Y	\$9000	11/66	0	70	
	Spectra 70/45	Y	\$15,000	11/65	8	130	
	Spectra 70/55	Y	\$30,000	7/66	0	15	
	Raytheon	250	Y	\$1200	12/60	175	2
		440	Y	\$3500	3/64	14	3
520		Y	\$3200	10/65	10	6	
Scientific Control Systems	650	Y	\$500	4/66	0	3	
	660	Y	\$2000	10/65	3	2	
	670	Y	\$2600	5/66	1	2	
Scientific Data Systems Inc.	SDS-92	Y	\$1500	4/65	45	40	
	SDS-910	Y	\$2000	8/62	175	12	
	SDS-920	Y	\$2900	9/62	118	10	
	SDS-925	Y	\$3000	12/64	17	20	
	SDS-930	Y	\$3400	6/64	112	30	
	SDS-940	Y	\$10,000	4/66	3	14	
	SDS-9300	Y	\$7000	11/64	25	8	
	Sigma 7	Y	\$12,000	12/66	0	20	
Systems Engineering Labs	SEL-810	Y	\$1000	9/65	20	9	
	SEL-840	Y	\$1400	11/65	3	4	
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	28	X	
	III	Y	\$20,000	8/62	82	1	
	File Computers	N	\$15,000	8/56	18	X	
	Solid-State 80I, II, 90 I, II & Step	Y	\$8000	8/58	270	X	
	418	Y	\$11,000	6/63	80	40	
	490 Series	Y	\$35,000	12/61	98	65	
	1004	Y	\$1900	2/63	3350	120	
	1005	Y	\$2400	4/66	25	200	
	1050	Y	\$8000	9/63	290	50	
	1100 Series (except 1107)	N	\$35,000	12/50	11	X	
	1107	Y	\$55,000	10/62	30	2	
	1108	Y	\$65,000	9/65	9	28	
	LARC	Y	\$135,000	5/60	2	X	
	TOTALS					34,362	23,251

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversion from existing 7040, 7070, and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops and maintains a data bank describing current computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF AUGUST 10, 1966

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Advanced Scientific Instruments	ASI 210	Y	\$3850	4/62	25	0
	ASI 2100	Y	\$4200	12/63	7	0
	ADVANCE 6020	Y	\$4400	4/65	11	5
	ADVANCE 6040	Y	\$5600	7/65	6	4
	ADVANCE 6050	Y	\$9000	2/66	2	6
	ADVANCE 6070	Y	\$15,000	10/65	4	5
	ADVANCE 6130	Y	\$1000	11/66	0	4
Autonetics	RECOMP II	Y	\$2495	11/58	40	X
	RECOMP III	Y	\$1495	6/61	8	X
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	162	2
	BR-133	Y	\$2400	5/64	22	2
	BR-230	Y	\$2680	8/63	15	X
	BR-300	Y	\$3000	3/59	36	X
	BR-330	Y	\$4000	12/60	34	X
	BR-340	Y	\$7000	12/63	20	X
Burroughs	205	N	\$4600	1/54	46	X
	220	N	\$14,000	10/58	36	X
	E101-103	N	\$875	1/56	135	X
	B100	Y	\$2800	8/64	150	20
	B250	Y	\$4200	11/61	85	1
	B260	Y	\$3750	11/62	225	5
	B270	Y	\$7000	7/62	155	12
	B280	Y	\$6500	7/62	128	10
	B300	Y	\$10,000	7/65	100	90
	B2500	Y	\$5000	1/67	0	30
	B3500	Y	\$14,000	5/67	0	21
	B5500	Y	\$22,000	3/63	55	14
	B6500	Y	\$33,000	2/68	0	3
Computer Control Co.	DDP-24	Y	\$2500	5/63	80	5
	DDP-116	Y	\$900	4/65	100	35
	DDP-124	Y	\$2050	3/66	12	40
	DDP-224	Y	\$3300	3/65	35	5
	Control Data Corporation	G-15	N	\$1600	7/55	310
G-20		Y	\$15,500	4/61	23	X
LGP-21		Y	\$725	12/62	118	X
LGP-30		semi	\$1300	9/56	124	X
RPC-4000		Y	\$1875	1/61	55	X
160*/160A/160G		Y	\$2100/\$4000/\$12,000	5/60;7/61;3/64	453	2
924/924A		Y	\$11,000	8/61	26	X
1604/1604A		Y	\$45,000	1/60	59	X
1700		Y	\$4000	5/66	10	85
3100		Y	\$11,000	12/64	84	30
3200		Y	\$14,000	5/64	90	X
3300		Y	\$15,000	9/65	20	40
3400		Y	\$25,000	11/64	19	X
3500		Y	\$30,000	9/66	0	10
3600		Y	\$58,000	6/63	50	X
3800		Y	\$60,000	2/66	4	12
6400		Y	\$50,000	5/66	4	14
6600	Y	\$85,000	8/64	16	10	
6800	Y	\$130,000	4/67	0	4	
Data Machines, Inc.	620	Y	\$900	11/65	18	30
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	X
	PDP-4	Y	\$1700	8/62	57	X
	PDP-5	Y	\$900	9/63	114	1
	PDP-6	Y	\$10,000	10/64	19	4
	PDP-7	Y	\$1300	11/64	70	50
	PDP-8	Y	\$525	4/65	350	250
	El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	18
Electronic Associates, Inc.	8400	Y	\$10,000	6/65	6	7
Friden	6010	Y	\$600	6/63	440	80
General Electric	115	Y	\$2200	12/65	110	500
	205	Y	\$2900	6/64	44	X
	210	Y	\$16,000	7/59	50	X
	215	Y	\$6000	9/63	54	X
	225	Y	\$8000	4/61	205	X
	235	Y	\$10,900	4/64	64	4
	415	Y	\$7600	5/64	175	65
	425	Y	\$9600	6/64	65	40
	435	Y	\$14,000	9/65	25	18
	625/635	Y	\$55,800	5/65	28	30
	645	Y	\$150,000	7/66	0	10
Honeywell Electronic Data Processing	H-120	Y	\$3500	1/66	150	280
	H-200	Y	\$5700	3/64	820	140
	H-400	Y	\$8500	12/61	119	X
	H-800	Y	\$26,000	12/60	88	3

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILED ORDERS
Honeywell (cont'd)	H-1200	Y	\$7300	2/66	12	65
	H-1400	Y	\$14,000	1/64	12	1
	H-1800	Y	\$35,000	1/64	17	2
	H-2200	Y	\$13,000	1/66	10	50
	H-4200	Y	\$20,500	6/66	0	6
	H-8200	Y	\$35,000	3/67	0	2
	DATAmatic 1000	N	\$40,000	12/57	3	X
IBM	305	N	\$3600	12/57	150	X
	360/20	Y	\$2000	12/65	350	6400
	360/30	Y	\$7500	5/65	1600	4500
	360/40	Y	\$15,000	4/65	790	1500
	360/44	Y	\$10,000	7/66	1	120
	360/50	Y	\$26,000	8/65	100	560
	360/52	Y	\$55,000	11/65	1	X
	360/65	Y	\$50,000	11/65	14	200
	360/67	Y	\$75,000	9/66	0	60
	360/75	Y	\$78,000	2/66	6	30
	360/90 Series	Y	\$140,000	6/67	0	9
	650	N	\$4800	11/54	180	X
	1130	Y	\$1200	11/65	325	3600
	1401	Y	\$6600	9/60	6700	250
	1401-G	Y	\$2300	5/64	1575	50
	1410	Y	\$14,200	11/61	780	100
	1440	Y	\$4800	4/63	3100	300
	1460	Y	\$11,500	10/63	1800	100
	1620 I, II	Y	\$4000	9/60	1700	30
	1800	Y	\$7600	1/66	25	275
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	205	5
	702	N	\$6900	2/55	6	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	33	X
	7040	Y	\$22,000	6/63	120	4
	7044	Y	\$32,000	6/63	120	5
	705	N	\$38,000	11/55	54	X
	7070, 2, 4	Y	\$27,000	3/60	330	X
	7080	Y	\$55,000	8/61	85	X
	709	N	\$40,000	8/58	9	X
	7090	Y	\$63,500	11/59	46	X
7094	Y	\$72,500	9/62	124	2	
7094 II	Y	\$78,500	4/61	120	8	
Monroe Calculating Machine Co.	Monrobot XI	Y	\$700	12/60	480	100
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2500	5/61	20	X
	NCR - 315	Y	\$8500	5/62	340	30
	NCR - 315-RMC	Y	\$12,000	9/65	42	70
	NCR - 390	Y	\$1850	5/61	1000	70
	NCR - 500	Y	\$1500	10/65	400	800
Philco	1000	Y	\$7010	6/63	20	X
	2000-210, 211	Y	\$40,000	10/58	18	X
	2000-212	Y	\$52,000	1/63	11	X
Radio Corporation of America	RCA 301	Y	\$7000	2/61	647	4
	RCA 3301	Y	\$17,000	7/64	54	12
	RCA 501	Y	\$14,000	6/59	99	X
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$3500	9/65	50	110
	Spectra 70/25	Y	\$5700	9/65	28	60
	Spectra 70/35	Y	\$9000	11/66	0	75
	Spectra 70/45	Y	\$15,000	11/65	10	120
	Spectra 70/55	Y	\$30,000	7/66	0	12
Raytheon	250	Y	\$1200	12/60	175	X
	440	Y	\$3500	3/64	15	3
	520	Y	\$3200	10/65	14	6
Scientific Control Systems	650	Y	\$500	5/66	1	8
	655	Y	\$1800	10/66	0	2
	660	Y	\$2000	10/65	3	3
	670	Y	\$2600	5/66	1	2
Scientific Data Systems Inc.	SDS-92	Y	\$1500	4/65	53	35
	SDS-910	Y	\$2000	8/62	180	5
	SDS-920	Y	\$2900	9/62	126	11
	SDS-925	Y	\$3000	12/64	24	17
	SDS-930	Y	\$3400	6/64	120	25
	SDS-940	Y	\$10,000	4/66	4	13
	SDS-9300	Y	\$7000	11/64	27	7
	Sigma 2	Y	\$1000	2/67	0	9
	Sigma 7	Y	\$12,000	12/66	0	20
Systems Engineering Labs	SEL-810/810A	Y	\$1000	9/65	23	8
	SEL-840/840A	Y	\$1400	11/65	3	5
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	28	X
	III	Y	\$20,000	8/62	80	X
	File Computers	N	\$15,000	8/56	18	X
	Solid-State 80 I,II, 90 I, II & Step	Y	\$8000	8/58	265	X
	418	Y	\$11,000	6/63	85	38
	490 Series	Y	\$35,000	12/61	102	60
	1004	Y	\$1900	2/63	3300	100
	1005	Y	\$2400	4/66	80	200
	1050	Y	\$8000	9/63	280	50
	1100 Series (except 1107)	N	\$35,000	12/50	11	X
	1107	Y	\$55,000	10/62	29	X
	1108	Y	\$65,000	9/65	16	40
	9200	Y	\$1500	6/67	0	100
	9300	Y	\$3400	6/67	0	40
	LARC	Y	\$135,000	5/60	2	X
	TOTALS					35,173

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversion from existing 7040, 7070, and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops and maintains a data bank describing current computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF SEPTEMBER 10, 1966

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Advanced Scientific Instruments	ASI 210	Y	\$3850	4/62	25	0
	ASI 2100	Y	\$4200	12/63	7	0
	ADVANCE 6020	Y	\$4400	4/65	12	4
	ADVANCE 6040	Y	\$5600	7/65	6	4
	ADVANCE 6050	Y	\$9000	2/66	3	6
	ADVANCE 6070	Y	\$15,000	10/65	4	5
	ADVANCE 6130	Y	\$1000	11/66	0	4
Autonetics	RECOMP II	Y	\$2495	11/58	39	X
	RECOMP III	Y	\$1495	6/61	8	X
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	162	2
	BR-133	Y	\$2400	5/64	22	20
	BR-230	Y	\$2680	8/63	15	X
	BR-300	Y	\$3000	3/59	36	X
	BR-330	Y	\$4000	12/60	34	X
	BR-340	Y	\$7000	12/63	20	X
Burroughs	205	N	\$4600	1/54	45	X
	220	N	\$14,000	10/58	35	X
	E101-103	N	\$875	1/56	133	X
	B100	Y	\$2800	8/64	155	18
	B250	Y	\$4200	11/61	85	1
	B260	Y	\$3750	11/62	228	5
	B270	Y	\$7000	7/62	160	8
	B280	Y	\$6500	7/62	130	8
	B300	Y	\$10,000	7/65	105	90
	B2500	Y	\$5000	1/67	0	34
	B3500	Y	\$14,000	5/67	0	23
	B5500	Y	\$22,000	3/63	57	14
	B6500	Y	\$33,000	2/68	0	5
	B8500	Y	\$200,000	2/67	0	1
Control Data Corporation	G-15	N	\$1600	7/55	310	X
	G-20	Y	\$15,500	4/61	23	X
	LGP-21	Y	\$725	12/62	118	X
	LGP-30	semi	\$1300	9/56	124	X
	RPC-4000	Y	\$1875	1/61	55	X
	160*/160A/160G	Y	\$2100/\$5000/\$12,000	5/60;7/61;3/64	455	8
	924/924A	Y	\$11,000	8/61	26	X
	1604/1604A	Y	\$45,000	1/60	59	X
	1700	Y	\$4000	5/66	13	90
	3100	Y	\$11,000	12/64	88	30
	3200	Y	\$14,000	5/64	90	X
	3300	Y	\$15,000	9/65	23	40
	3400	Y	\$25,000	11/64	19	X
	3500	Y	\$30,000	9/66	0	11
	3600	Y	\$58,000	6/63	50	X
	3800	Y	\$60,000	2/66	5	14
	6400	Y	\$50,000	5/66	6	15
6600	Y	\$85,000	8/64	18	11	
6800	Y	\$130,000	4/67	0	4	
Data Machines, Inc.	620	Y	\$900	11/65	20	30
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	X
	PDP-4	Y	\$1700	8/62	57	X
	PDP-5	Y	\$900	9/63	114	1
	PDP-6	Y	\$10,000	10/64	20	4
	PDP-7	Y	\$1300	11/64	80	50
	PDP-8	Y	\$525	4/65	400	250
	PDP-9	Y	\$1000	12/66	0	20
El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	17	X
Electronic Associates, Inc.	8400	Y	\$10,000	6/65	7	7
Friden	6010	Y	\$600	6/63	440	80
General Electric	115	Y	\$2000	12/65	125	550
	205	Y	\$2900	6/64	44	X
	210	Y	\$16,000	7/59	50	X
	215	Y	\$6000	9/63	54	X
	225	Y	\$8000	4/61	205	X
	235	Y	\$10,900	4/64	66	3
	415	Y	\$9600	5/64	179	64
	425	Y	\$18,000	6/64	68	42
	435	Y	\$25,000	9/65	28	18
	625/635	Y	\$55,800	5/65	33	32
	645	Y	\$90,000	7/66	1	10
	Honeywell Electronic Data Processing	DDP-24	Y	\$2500	5/63	80
DDP-116		Y	\$900	4/65	100	40
DDP-124		Y	\$2050	3/66	12	40
DDP-224		Y	\$3300	3/65	35	10
H-120		Y	\$3500	1/66	190	280
H-200		Y	\$5700	3/64	855	140
H-400		Y	\$8500	12/61	118	X

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Honeywell (cont'd)	H-800	Y	\$26,000	12/60	89	3
	H-1200	Y	\$7300	2/66	16	68
	H-1400	Y	\$14,000	1/64	12	1
	H-1800	Y	\$35,000	1/64	17	2
	H-2200	Y	\$13,000	1/66	12	52
	H-4200	Y	\$20,500	6/66	0	6
	H-8200	Y	\$35,000	3/67	0	2
	DATAmatic 1000	N	\$40,000	12/57	3	X
IBM	305	N	\$3600	12/57	148	X
	360/20	Y	\$2000	12/65	500	6300
	360/30	Y	\$7500	5/65	1800	4600
	360/40	Y	\$15,000	4/65	900	1500
	360/44	Y	\$10,000	7/66	2	125
	360/50	Y	\$26,000	8/65	106	560
	360/62	Y	\$55,000	11/65	1	X
	360/65	Y	\$50,000	11/65	17	205
	360/67	Y	\$75,000	9/66	0	60
	360/75	Y	\$78,000	2/66	8	30
	360/90 Series	Y	\$140,000	6/67	0	9
	650	N	\$4800	11/54	178	X
	1130	Y	\$1200	11/65	350	3700
	1401	Y	\$6600	9/60	7650	X
	1401-G	Y	\$2300	5/64	1560	50
	1410	Y	\$14,200	11/61	790	90
	1440	Y	\$4800	4/63	3100	300
	1460	Y	\$11,500	10/63	1775	80
	1620 I, II	Y	\$4000	9/60	1680	20
	1800	Y	\$7600	1/66	30	275
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	208	6
	702	N	\$6900	2/55	6	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	32	X
	7040	Y	\$22,000	6/63	120	4
	7044	Y	\$32,000	6/63	121	5
705	N	\$38,000	11/55	52	X	
7070, 2, 4	Y	\$27,000	3/60	328	X	
7080	Y	\$55,000	8/61	85	X	
709	N	\$40,000	8/58	9	X	
7090	Y	\$63,500	11/59	45	X	
7094	Y	\$72,500	9/62	120	2	
7094 II	Y	\$70,500	4/64	124	8	
Monroe Calculating Machine Co.	Monrobot XI	Y	\$700	12/60	480	100
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X
	NCR - 310	Y	\$2500	5/61	20	X
	NCR - 315	Y	\$8500	5/62	345	35
	NCR - 315-RMC	Y	\$12,000	9/65	45	75
	NCR - 390	Y	\$1850	5/61	1030	50
	NCR - 500	Y	\$1500	10/65	430	850
Philco	1000	Y	\$7010	6/63	18	X
	2000-210, 211	Y	\$40,000	10/58	16	X
	2000-212	Y	\$52,000	1/63	10	X
Radio Corporation of America	RCA 301	Y	\$7000	2/61	645	2
	RCA 3301	Y	\$17,000	7/64	60	10
	RCA 501	Y	\$14,000	6/59	97	X
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$3500	9/65	55	105
	Spectra 70/25	Y	\$5700	9/65	30	55
	Spectra 70/35	Y	\$9000	7/66	3	80
	Spectra 70/45	Y	\$15,000	11/65	11	110
Spectra 70/55	Y	\$30,000	7/66	0	12	
Raytheon	250	Y	\$1200	12/60	175	X
	440	Y	\$3500	3/64	16	3
	520	Y	\$3200	10/65	15	6
Scientific Control Corporation	650	Y	\$500	5/66	1	8
	655	Y	\$1800	10/66	0	2
	660	Y	\$2000	10/65	4	3
	670	Y	\$2600	5/66	1	2
Scientific Data Systems Inc.	SDS-92	Y	\$1500	4/65	58	33
	SDS-910	Y	\$2000	8/62	182	6
	SDS-920	Y	\$2900	9/62	130	12
	SDS-925	Y	\$3000	12/64	25	10
	SDS-930	Y	\$3400	6/64	120	20
	SDS-940	Y	\$10,000	4/66	5	12
	SDS-9300	Y	\$7000	11/64	27	7
	Sigma 2	Y	\$1000	2/67	0	35
	Sigma 7	Y	\$12,000	12/66	0	22
Systems Engineering Labs	SEL-B10/B10A	Y	\$1000	9/65	24	8
	SEL-B40/B40A	Y	\$1400	11/65	3	5
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	27	X
	III	Y	\$20,000	8/62	78	X
	File Computers	N	\$15,000	8/56	16	X
	Solid-State 80 I, II,					
	90 I, II & Step	Y	\$8000	8/58	262	X
	418	Y	\$11,000	6/63	88	40
	490 Series	Y	\$35,000	12/61	105	60
	1004	Y	\$1900	2/63	3250	70
	1005	Y	\$2400	4/66	300	280
	1050	Y	\$8000	9/63	280	50
	1100 Series (ex-					
	cept 1107	N	\$35,000	12/50	11	X
	1107	Y	\$55,000	10/62	29	X
	1108	Y	\$65,000	9/65	18	44
	9200	Y	\$1500	6/67	0	250
9300	Y	\$3400	6/67	0	50	
LARC	Y	\$135,000	5/60	2	X	
TOTALS					37,035	22,729

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversion from existing 7040, 7070, and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops and maintains a data bank describing current computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF OCTOBER 10, 1966

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	
ASI Computer	ASI 210	Y	\$3850	4/62	25	0	
	ASI 2100	Y	\$4200	12/63	7	0	
	ADVANCE 6020	Y	\$4400	4/65	12	4	
	ADVANCE 6040	Y	\$5600	7/65	6	5	
	ADVANCE 6050	Y	\$9000	2/66	4	6	
	ADVANCE 6070	Y	\$15,000	10/65	5	6	
	ADVANCE 6130	Y	\$1000	11/66	0	7	
Autonetics	RECOMP II	Y	\$2495	11/58	38	X	
	RECOMP III	Y	\$1495	6/61	8	X	
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	160	2	
	BR-133	Y	\$2400	5/64	24	45	
	BR-230	Y	\$2680	8/63	15	X	
	BR-300	Y	\$3000	3/59	36	X	
	BR-330	Y	\$4000	12/60	32	X	
	BR-340	Y	\$7000	12/63	20	X	
Burroughs	205	N	\$4600	1/54	44	X	
	220	N	\$14,000	10/58	35	X	
	E101-103	N	\$875	1/56	130	X	
	B100	Y	\$2800	8/64	158	17	
	B250	Y	\$4200	11/61	85	1	
	B260	Y	\$3750	11/62	230	5	
	B270	Y	\$7000	7/62	162	6	
	B280	Y	\$6500	7/62	129	8	
	B300	Y	\$10,000	7/65	110	88	
	B2500	Y	\$5000	1/67	0	36	
	B3500	Y	\$14,000	5/67	0	24	
	B5500	Y	\$22,000	3/63	58	14	
	B6500	Y	\$33,000	2/68	0	7	
	B8500	Y	\$200,000	2/67	0	1	
Control Data Corporation	G-15	N	\$1600	7/55	310	X	
	G-20	Y	\$15,500	4/61	23	X	
	LGP-21	Y	\$725	12/62	118	X	
	LGP-30	semi	\$1300	9/56	122	X	
	RPC-4000	Y	\$1875	1/61	55	X	
	160*/160A/160G	Y	\$2100/\$5000/\$12,000	5/60;7/61;3/64	456	7	
	924/924A	Y	\$11,000	8/61	26	X	
	1604/1604A	Y	\$45,000	1/60	59	X	
	1700	Y	\$4000	5/66	18	105	
	3100	Y	\$11,000	12/64	95	35	
	3200	Y	\$14,000	5/64	90	X	
	3300	Y	\$15,000	9/65	27	45	
	3400	Y	\$25,000	11/64	19	X	
	3500	Y	\$30,000	10/66	0	16	
	3600	Y	\$58,000	6/63	50	X	
	3800	Y	\$60,000	2/66	8	15	
	6400	Y	\$50,000	5/66	7	17	
6600	Y	\$85,000	8/64	19	12		
6800	Y	\$130,000	4/67	0	4		
Data Machines, Inc.	620	Y	\$900	11/65	22	30	
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	X	
	PDP-4	Y	\$1700	8/62	57	X	
	PDP-5	Y	\$900	9/63	115	1	
	PDP-6	Y	\$10,000	10/64	22	3	
	PDP-7	Y	\$1300	11/64	88	48	
	PDP-8	Y	\$525	4/65	450	280	
	PDP-9	Y	\$1000	12/66	0	35	
	El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	17	X
	Electronic Associates, Inc.	8400	Y	\$10,000	6/65	9	9
Friden	6010	Y	\$600	6/63	450	80	
General Electric	115	Y	\$2000	12/65	160	575	
	205	Y	\$2900	6/64	44	X	
	210	Y	\$16,000	7/59	50	X	
	215	Y	\$6000	9/63	54	X	
	225	Y	\$8000	4/61	205	X	
	235	Y	\$10,900	4/64	67	3	
	415	Y	\$9600	5/64	185	65	
	425	Y	\$18,000	6/64	75	45	
	435	Y	\$25,000	9/65	29	18	
	625/635	Y	\$55,800	5/65	35	33	
	645	Y	\$90,000	7/66	2	10	
	Honeywell	DDP-24	Y	\$2500	5/63	80	5
		DDP-116	Y	\$900	4/65	115	45
DDP-124		Y	\$2050	3/66	15	45	
DDP-224		Y	\$3300	3/65	38	10	
H-120		Y	\$3500	1/66	240	270	
H-200		Y	\$5700	3/64	885	135	
H-400		Y	\$8500	12/61	117	X	

31

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	
Honeywell (cont'd)	H-800	Y	\$26,000	12/60	89	3	
	H-1200	Y	\$7300	2/66	22	72	
	H-1400	Y	\$14,000	1/64	12	1	
	H-1800	Y	\$35,000	1/64	17	2	
	H-2200	Y	\$13,000	1/66	14	52	
	H-4200	Y	\$20,500	3/67	0	6	
	H-8200	Y	\$35,000	3/68	0	2	
	DATAmatic 1000	N	\$40,000	12/57	3	X	
IBM	305	N	\$3600	12/57	146	X	
	360/20	Y	\$2000	12/65	725	6300	
	360/30	Y	\$7500	5/65	1950	1550	
	360/40	Y	\$15,000	4/65	1000	1550	
	360/44	Y	\$10,000	7/66	10	125	
	360/50	Y	\$26,000	8/65	120	550	
	360/62	Y	\$55,000	11/65	1	X	
	360/65	Y	\$50,000	11/65	20	205	
	360/67	Y	\$75,000	10/66	0	60	
	360/75	Y	\$78,000	2/66	10	30	
	360/90 Series	Y	\$140,000	6/67	0	9	9
	650	N	\$4800	11/54	175	X	
	1130	Y	\$1200	11/65	400	3800	
	1401	Y	\$6600	9/60	7700	250	
	1401-G	Y	\$2300	5/64	1580	50	
	1410	Y	\$14,200	11/61	800	75	
	1440	Y	\$4800	4/63	3200	200	
	1460	Y	\$11,500	10/63	1750	75	
	1620 I, II	Y	\$4000	9/60	1680	20	
	1800	Y	\$7600	1/66	45	275	
	701	N	\$5000	4/53	1	X	
	7010	Y	\$22,600	10/63	210	6	
	702	N	\$6900	2/55	6	X	
	7030	Y	\$160,000	5/61	6	X	
	704	N	\$32,000	12/55	32	X	
	7040	Y	\$22,000	6/63	120	4	
	7044	Y	\$32,000	6/63	121	5	
705	N	\$38,000	11/55	52	X		
7070, 2, 4	Y	\$27,000	3/60	328	X		
7080	Y	\$55,000	8/61	85	X		
709	N	\$40,000	8/58	9	X		
7090	Y	\$63,500	11/59	45	X		
7094	Y	\$72,500	9/62	118	2		
7094 II	Y	\$78,500	4/64	126	6		
Monroe Calculating Machine Co.	Monrobot XI	Y	\$700	12/60	480	100	
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	26	X	
	NCR - 310	Y	\$2500	5/61	20	X	
	NCR - 315	Y	\$8500	5/62	350	100	
	NCR - 315-RMC	Y	\$12,000	9/65	52	75	
	NCR - 390	Y	\$1850	5/61	1025	40	
	NCR - 500	Y	\$1500	10/65	510	830	
Philco	1000	Y	\$7010	6/63	16	X	
	2000-210, 211	Y	\$40,000	10/58	16	X	
	2000-212	Y	\$52,000	1/63	10	X	
Radio Corporation of America	RCA 301	Y	\$7000	2/61	645	2	
	RCA 3301	Y	\$17,000	7/64	64	9	
	RCA 501	Y	\$14,000	6/59	97	X	
	RCA 601	Y	\$35,000	11/62	5	X	
	Spectra 70/15	Y	\$4100	9/65	62	105	
	Spectra 70/25	Y	\$6700	9/65	34	58	
	Spectra 70/35	Y	\$10,400	7/66	5	85	
	Spectra 70/45	Y	\$17,400	11/65	15	105	
Spectra 70/55	Y	\$40,500	11/66	0	12		
Raytheon	250	Y	\$1200	12/60	175	X	
	440	Y	\$3500	3/64	16	3	
	520	Y	\$3200	10/65	17	8	
Scientific Control Corporation	650	Y	\$500	5/66	1	8	
	655	Y	\$1800	10/66	0	2	
	660	Y	\$2000	10/65	5	3	
	670	Y	\$2600	5/66	1	2	
Scientific Data Systems Inc.	SDS-92	Y	\$1500	4/65	64	30	
	SDS-910	Y	\$2000	8/62	182	6	
	SDS-920	Y	\$2900	9/62	133	12	
	SDS-925	Y	\$3000	12/64	27	10	
	SDS-930	Y	\$3400	6/64	125	20	
	SDS-940	Y	\$10,000	4/66	5	12	
	SDS-9300	Y	\$7000	11/64	28	8	
	Sigma 2	Y	\$1000	1/67	0	50	
	Sigma 7	Y	\$12,000	12/66	0	24	
	Systems Engineering Labs	SEL-810/810A	Y	\$1000	9/65	24	8
	SEL-840/840A	Y	\$1400	11/65	4	4	
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	26	X	
	III	Y	\$20,000	8/62	77	X	
	File Computers	N	\$15,000	8/56	16	X	
	Solid-State 80 I, II						
	90 I, II & Step	Y	\$8000	8/58	260	X	
	418	Y	\$11,000	6/63	90	40	
	490 Series	Y	\$35,000	12/61	108	55	
	1004	Y	\$1900	2/63	3200	50	
	1005	Y	\$2400	4/66	375	300	
	1050	Y	\$8000	9/63	290	45	
	1100 Series (except 1107)	N	\$35,000	12/50	11	X	
	1107	Y	\$55,000	10/62	29	X	
	1108	Y	\$65,000	9/65	22	50	
	9200	Y	\$1500	6/67	0	500	
	9300	Y	\$3400	6/67	0	125	
	LARC	Y	\$135,000	5/60	2	X	
TOTALS					31,488	21,181	

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversion from existing 7040, 7070, and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops and maintains a data bank describing current computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF NOVEMBER 10, 1966

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	
ASI Computer	AST 210	Y	\$3850	4/62	25	0	
	AST 2100	Y	\$4200	12/63	7	0	
	ADVANCE 6020	Y	\$4400	4/65	12	5	
	ADVANCE 6040	Y	\$5600	7/65	6	5	
	ADVANCE 6050	Y	\$9000	2/66	5	6	
	ADVANCE 6070	Y	\$15,000	10/65	5	6	
	ADVANCE 6130	Y	\$1000	11/66	0	15	
Autonetics	RECOMP II	Y	\$2495	11/58	37	X	
	RECOMP III	Y	\$1495	6/61	8	X	
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	160	2	
	BR-133	Y	\$2400	5/64	25	44	
	BR-230	Y	\$2680	8/63	15	X	
	BR-300	Y	\$3000	3/59	36	X	
	BR-330	Y	\$4000	12/60	31	X	
	BR-340	Y	\$7000	12/63	20	X	
Burroughs	205	N	\$4600	1/54	43	X	
	220	N	\$14,000	10/58	34	X	
	E101-103	N	\$875	1/56	128	X	
	B100	Y	\$2800	8/64	164	15	
	B250	Y	\$4200	11/61	04	1	
	B260	Y	\$3750	11/62	230	4	
	B270	Y	\$7000	7/62	165	5	
	B280	Y	\$6500	7/62	130	7	
	B300	Y	\$10,000	7/65	118	85	
	B2500	Y	\$5000	1/67	0	40	
	B3500	Y	\$14,000	5/67	0	30	
	B5500	Y	\$22,000	3/63	59	13	
	B6500	Y	\$33,000	2/68	0	8	
	B8500	Y	\$200,000	2/67	0	1	
Control Data Corporation	G-15	N	\$1600	7/55	310	X	
	G-20	Y	\$15,500	4/61	23	X	
	LGP-21	Y	\$725	12/62	118	X	
	LGP-30	semi	\$1300	9/56	122	X	
	RPC-4000	Y	\$1875	1/61	55	X	
	160*/160A/160G	Y	\$2100/\$5000/\$12,000	5/60;7/61;3/64	458	5	
	924/924A	Y	\$11,000	8/61	26	X	
	1604/1604A	Y	\$45,000	1/60	59	X	
	1700	Y	\$4000	5/66	30	120	
	3100	Y	\$11,000	12/64	102	40	
	3200	Y	\$14,000	5/64	87	X	
	3300	Y	\$15,000	9/65	55	50	
	3400	Y	\$25,000	11/64	19	X	
	3500	Y	\$30,000	9/67	0	10	
	3600	Y	\$58,000	6/63	50	X	
	3800	Y	\$60,000	2/66	12	16	
	6400	Y	\$50,000	5/66	9	18	
6600	Y	\$85,000	8/64	20	15		
6800	Y	\$130,000	4/67	0	4		
Data Machines, Inc.	620	Y	\$900	11/65	23	30	
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	X	
	PDP-4	Y	\$1700	8/62	57	X	
	PDP-5	Y	\$900	9/63	115	1	
	PDP-6	Y	\$10,000	10/64	23	2	
	PDP-7	Y	\$1300	11/64	95	40	
	PDP-8	Y	\$525	4/65	490	270	
	PDP-9	Y	\$1000	12/66	0	60	
	El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	16	X
	Electronic Associates, Inc.	8400	Y	\$12,000	6/65	12	8
Friden	6010	Y	\$600	6/63	470	70	
General Electric	115	Y	\$1800.	12/65	200	575	
	205	Y	\$2900	6/64	44	X	
	210	Y	\$16,000	7/59	50	X	
	215	Y	\$6000	9/63	54	X	
	225	Y	\$8000	4/61	205	X	
	235	Y	\$10,900	4/64	69	2	
	415	Y	\$9600	5/64	195	60	
	425	Y	\$18,000	6/64	82	44	
	435	Y	\$25,000	9/65	30	18	
	625	Y	\$50,000	4/65	20	18	
	635	Y	\$56,000	5/65	18	22	
	645	Y	\$90,000	7/66	2	10	
	Honeywell	DDP-24	Y	\$2500	5/63	82	3
		DDP-116	Y	\$900	4/65	130	40
DDP-124		Y	\$2050	3/66	20	40	
DDP-224		Y	\$3300	3/65	42	11	
H-120		Y	\$3800	1/66	270	300	
H-200		Y	\$7500	3/64	910	130	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Honeywell (cont'd)	H-400	Y	\$8500	12/61	116	X
	H-800	Y	\$30,000	12/60	90	2
	H-1200	Y	\$8000	2/66	25	80
	H-1400	Y	\$14,000	1/64	12	1
	H-1800	Y	\$42,000	1/64	18	1
	H-2200	Y	\$13,000	1/66	15	55
	H-4200	Y	\$20,500	3/67	0	6
	H-8200	Y	\$35,000	3/68	0	2
	DATAmatic 1000	N	\$40,000	12/57	2	X
IBM	305	N	\$3600	12/57	145	X
	360/20	Y	\$2000	12/65	925	6300
	360/30	Y	\$7500	5/65	2200	4500
	360/40	Y	\$15,000	4/65	1100	1500
	360/44	Y	\$10,000	7/66	15	150
	360/50	Y	\$26,000	8/65	130	550
	360/62	Y	\$55,000	11/65	1	X
	360/65	Y	\$50,000	11/65	24	210
	360/67	Y	\$75,000	10/66	2	65
	360/75	Y	\$78,000	2/66	14	30
	360/90 Series	Y	\$140,000	6/67	0	10
	650	N	\$4800	11/54	172	X
	1130	Y	\$1200	11/65	500	3800
	1401	Y	\$6600	9/60	7700	200
	1401-G	Y	\$2300	5/64	1600	50
	1410	Y	\$14,200	11/61	805	70
	1440	Y	\$4800	4/63	3300	150
	1460	Y	\$11,500	10/63	1800	60
	1620 I, II	Y	\$4000	9/60	1680	20
	1800	Y	\$7600	1/66	60	300
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	212	6
	702	N	\$6900	2/55	6	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	32	X
	7040	Y	\$22,000	6/63	120	4
	7044	Y	\$32,000	6/63	125	5
	705	N	\$38,000	11/55	52	X
	7070, 2, 4	Y	\$27,000	3/60	325	X
7080	Y	\$55,000	8/61	85	X	
709	N	\$40,000	8/58	9	X	
7090	Y	\$63,500	11/59	45	X	
7094	Y	\$72,500	9/62	117	2	
7094 II	Y	\$78,500	4/64	127	5	
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	25	X
	NCR - 310	Y	\$2500	5/61	20	X
	NCR - 315	Y	\$8500	5/62	365	90
	NCR - 315-RMC	Y	\$12,000	9/65	64	70
	NCR - 390	Y	\$1850	5/61	1030	40
	NCR - 500	Y	\$1500	10/65	620	780
Philco	1000	Y	\$7010	6/63	16	X
	2000-210, 211	Y	\$40,000	10/58	16	X
	2000-212	Y	\$52,000	1/63	12	X
Radio Corporation of America	RCA 301	Y	\$7000	2/61	644	2
	RCA 3301	Y	\$17,000	7/64	67	7
	RCA 501	Y	\$14,000	6/59	96	X
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$4100	9/65	70	110
	Spectra 70/25	Y	\$6700	9/65	40	65
	Spectra 70/35	Y	\$10,400	7/66	10	90
	Spectra 70/45	Y	\$17,400	11/65	20	100
	Spectra 70/55	Y	\$40,500	11/66	0	12
Raytheon	250	Y	\$1200	12/60	175	X
	440	Y	\$3500	3/64	16	3
	520	Y	\$3200	10/65	19	6
Scientific Control Corporation	650	Y	\$500	5/66	3	7
	655	Y	\$1800	10/66	0	2
	660	Y	\$2000	10/65	5	3
	670	Y	\$2600	5/66	1	2
Scientific Data Systems Inc.	SDS-92	Y	\$1500	4/65	64	30
	SDS-910	Y	\$2000	8/62	186	6
	SDS-920	Y	\$2900	9/62	135	10
	SDS-925	Y	\$3000	12/64	28	10
	SDS-930	Y	\$3400	6/64	132	18
	SDS-940	Y	\$10,000	4/66	7	11
	SDS-9300	Y	\$7000	11/64	32	8
	Sigma 2	Y	\$1000	12/66	0	140
Sigma 7	Y	\$12,000	12/66	0	25	
Systems Engineering Labs	SEL-810/810A	Y	\$1000	9/65	28	8
	SEL-840/840A	Y	\$1400	11/65	3	6
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	26	X
	III	Y	\$20,000	8/62	77	X
	File Computers	N	\$15,000	8/56	16	X
	Solid-State 80 I,II					
	90 I,II & Step	Y	\$8000	8/58	250	X
	418	Y	\$11,000	6/63	95	38
	490 Series	Y	\$35,000	12/61	110	54
	1004	Y	\$1900	2/63	3200	50
	1005	Y	\$2400	4/66	425	275
	1050	Y	\$8000	9/63	290	40
	1100 Series (except 1107)	N	\$35,000	12/50	10	X
	1107	Y	\$55,000	10/62	29	X
	1108	Y	\$65,000	9/65	25	52
	9200	Y	\$1500	6/67	0	550
	9300	Y	\$3400	6/67	0	150
	LARC	Y	\$135,000	5/60	2	X

TOTALS 39,108 23,328

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, many of the orders for the IBM 7044, 7074, and 7094 I and II's are not for new machines but for conversion from existing 7040, 7070, and 7090 computers respectively.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops and maintains a data bank describing current computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF DECEMBER 10, 1966

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILED ORDERS	
ASI Computer	ASI 210	Y	\$3850	4/62	25	0	
	ASI 2100	Y	\$4200	12/63	7	0	
	ADVANCE 6020	Y	\$4400	4/65	13	5	
	ADVANCE 6040	Y	\$5600	7/65	7	6	
	ADVANCE 6050	Y	\$9000	2/66	6	6	
	ADVANCE 6070	Y	\$15,000	10/65	5	6	
	ADVANCE 6130	Y	\$1000	11/66	2	18	
Autonetics	RECOMP II	Y	\$2495	11/58	36	X	
	RECOMP III	Y	\$1495	6/61	7	X	
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	160	2	
	BR-133	Y	\$2400	5/64	27	42	
	BR-230	Y	\$2680	8/63	15	X	
	BR-300	Y	\$3000	3/59	35	X	
	BR-330	Y	\$4000	12/60	30	X	
	BR-340	Y	\$7000	12/63	20	X	
Burroughs	205	N	\$4600	1/54	42	X	
	220	N	\$14,000	10/58	34	X	
	E101-103	N	\$875	1/56	125	X	
	B100	Y	\$2800	8/64	168	14	
	B250	Y	\$4200	11/61	84	1	
	B260	Y	\$3750	11/62	232	2	
	B270	Y	\$7000	7/62	164	4	
	B280	Y	\$6500	7/62	128	5	
	B300	Y	\$10,000	7/65	130	81	
	B2500	Y	\$5000	1/67	0	42	
	B3500	Y	\$14,000	5/67	0	30	
	B5500	Y	\$22,000	3/63	60	12	
	B6500	Y	\$33,000	2/68	0	10	
		B8500	Y	\$200,000	2/67	0	1
Control Data Corporation	G-15	N	\$1600	7/55	310	X	
	G-20	Y	\$15,500	4/61	23	X	
	LGP-21	Y	\$725	12/62	118	X	
	LGP-30	semi	\$1300	9/56	122	X	
	RPC-4000	Y	\$1875	1/61	55	X	
	160*/160A/160G	Y	\$2100/\$5000/\$12,000	5/60;7/61;3/64	460	3	
	924/924A	Y	\$11,000	8/61	26	X	
	1604/1604A	Y	\$45,000	1/60	58	X	
	1700	Y	\$4000	5/66	35	125	
	3100	Y	\$11,000	12/64	105	38	
	3200	Y	\$14,000	5/64	86	X	
	3300	Y	\$15,000	9/65	60	50	
	3400	Y	\$25,000	11/64	19	X	
	3500	Y	\$30,000	9/67	0	6	
	3600	Y	\$58,000	6/63	50	X	
	3800	Y	\$60,000	2/66	16	14	
	6400	Y	\$50,000	5/66	12	18	
6600	Y	\$85,000	8/64	21	16		
6800	Y	\$130,000	4/67	0	4		
Data Machines, Inc.	620	Y	\$900	11/65	35	25	
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	X	
	PDP-4	Y	\$1700	8/62	57	X	
	PDP-5	Y	\$900	9/63	115	1	
	PDP-6	Y	\$10,000	10/64	23	2	
	PDP-7	Y	\$1300	11/64	105	35	
	PDP-8; 8/S	Y	\$525; \$300	4/65	550	560	
	PDP-9	Y	\$1000	12/66	0	60	
	PDP-10	Y	\$9000	7/67	0	2	
	EL-tronics, Inc.	ALWAC IIIE	N	\$1820	2/54	15	X
	Electronic Associates, Inc.	8400	Y	\$12,000	6/65	12	8
General Electric	115	Y	\$1800	12/65	240	560	
	205	Y	\$2900	6/64	44	X	
	210	Y	\$16,000	7/59	49	X	
	215	Y	\$6000	9/63	54	X	
	225	Y	\$8000	4/61	205	X	
	235	Y	\$10,900	4/64	69	2	
	415	Y	\$9600	5/64	200	55	
	425	Y	\$18,000	6/64	84	44	
	435	Y	\$25,000	9/65	30	18	
	625	Y	\$50,000	4/65	22	18	
	635	Y	\$56,000	5/65	19	22	
	645	Y	\$90,000	7/66	2	10	
	Honeywell	DDP-24	Y	\$2500	5/63	85	3
DDP-116		Y	\$900	4/65	138	35	
DDP-124		Y	\$2050	3/66	24	36	
DDP-224		Y	\$3300	3/65	46	10	
DDP-516		Y	\$700	2/67	0	40	
H-120		Y	\$3900	1/66	330	290	
H-200		Y	\$8400	3/64	960	140	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Honeywell (cont'd)	H-400	Y	\$8500	12/61	115	X
	H-800	Y	\$28,000	12/60	90	2
	H-1200	Y	\$8000	2/66	50	95
	H-1400	Y	\$14,000	1/64	12	1
	H-1800	Y	\$42,000	1/64	20	1
	H-2200	Y	\$12,000	1/66	18	58
	H-4200	Y	\$20,500	3/67	0	6
	H-8200	Y	\$35,000	3/68	0	2
	DATAmatic 1000	N	\$40,000	12/57	2	X
IBM	305	N	\$3600	12/57	140	X
	360/20	Y	\$2000	12/65	1200	6400
	360/30	Y	\$7500	5/65	2500	4400
	360/40	Y	\$15,000	4/65	1350	1500
	360/44	Y	\$10,000	7/66	20	150
	360/50	Y	\$26,000	8/65	140	600
	360/62	Y	\$55,000	11/65	1	X
	360/65	Y	\$50,000	11/65	28	215
	360/67	Y	\$75,000	10/66	6	66
	360/75	Y	\$78,000	2/66	16	32
	360/90 Series	Y	\$140,000	6/67	0	10
	650	N	\$4800	11/54	170	X
	1130	Y	\$1200	11/65	700	3800
	1401	Y	\$6600	9/60	7680	X
	1401-G	Y	\$2300	5/64	1620	X
	1410	Y	\$14,200	11/61	805	65
	1440	Y	\$4800	4/63	3350	120
	1460	Y	\$11,500	10/63	1780	X
	1620 I, II	Y	\$4000	9/60	1670	20
	1800	Y	\$7600	1/66	100	320
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	214	6
	702	N	\$6900	2/55	6	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	32	X
	7040	Y	\$22,000	6/63	120	4
	7044	Y	\$32,000	6/63	125	5
705	N	\$38,000	11/55	52	X	
7070, 2, 4	Y	\$27,000	3/60	322	X	
7080	Y	\$55,000	8/61	85	X	
709	N	\$40,000	8/58	9	X	
7090	Y	\$63,500	11/59	45	X	
7094	Y	\$72,500	9/62	117	2	
7094 II	Y	\$78,500	4/64	128	4	
National Cash Register Co	NCR - 304	Y	\$14,000	1/60	25	X
	NCR - 310	Y	\$2500	5/61	10	X
	NCR - 315	Y	\$8500	5/62	380	150
	NCR - 315-RMC	Y	\$12,000	9/65	26	45
	NCR - 390	Y	\$1850	5/61	720	30
	NCR - 500	Y	\$1500	10/65	810	810
Philco	1000	Y	\$7010	6/63	16	X
	2000-210, 211	Y	\$40,000	10/58	16	X
	2000-212	Y	\$52,000	1/63	12	X
Radio Corporation of America	RCA 301	Y	\$7000	2/61	644	2
	RCA 3301	Y	\$17,000	7/64	68	6
	RCA 501	Y	\$14,000	6/59	96	X
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$4100	9/65	75	110
	Spectra 70/25	Y	\$6700	9/65	43	60
	Spectra 70/35	Y	\$10,400	7/66	14	94
	Spectra 70/45	Y	\$17,400	11/65	22	98
Spectra 70/55	Y	\$40,500	12/66	0	12	
Raytheon	250	Y	\$1200	12/60	175	X
	440	Y	\$3500	3/64	16	3
	520	Y	\$3200	10/65	20	6
Scientific Control Corporation	650	Y	\$500	5/66	3	7
	655	Y	\$1800	10/66	0	2
	660	Y	\$2000	10/65	5	3
	670	Y	\$2600	5/66	1	2
Scientific Data Systems Inc.	SDS-92	Y	\$1500	4/65	70	28
	SDS-910	Y	\$2000	8/62	188	6
	SDS-920	Y	\$2900	9/62	138	10
	SDS-925	Y	\$3000	12/64	30	10
	SDS-930	Y	\$3400	6/64	135	15
	SDS-940	Y	\$10,000	4/66	8	10
	SDS-9300	Y	\$7000	11/64	33	7
	Sigma 2	Y	\$1000	12/66	0	180
	Sigma 7	Y	\$12,000	12/66	0	25
	Systems Engineering Labs	SEL-810/810A	Y	\$1000	9/65	28
SEL-840/840A		Y	\$1400	11/65	3	6
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	25	X
	III	Y	\$20,000	8/62	76	X
	File Computers	N	\$15,000	8/56	16	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	240	X
	418	Y	\$11,000	6/63	98	38
	490 Series	Y	\$35,000	12/61	112	54
	1004	Y	\$1900	2/63	3200	50
	1005	Y	\$2400	4/66	460	240
	1050	Y	\$8000	9/63	295	35
	1100 Series (except 1107)	N	\$35,000	12/50	10	X
	1107	Y	\$55,000	10/62	29	X
	1108	Y	\$65,000	9/65	29	60
	9200	Y	\$1500	6/67	0	600
	9300	Y	\$3400	6/67	0	200
	LARC	Y	\$135,000	5/60	2	X
TOTALS					39,983	23,443

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, customers ordering a new computer model intended to replace a computer model in the same product line may continue to use their current peripheral equipment, which can account for 30-70% of the value of the total computer system.

TABLE 1
World Computer Census
As of December, 1966

Location	Number of Digital Computer Systems Installed
North America	
United States	28,500
Canada	1,000
Mexico	200
Central America	150
South America	400
Western Europe	
Austria	175
Belgium	300
Denmark	175
Finland	90
France	1,550
Great Britain	1,700
Greece	85
Ireland	65
Italy	1,150
Netherlands	410
Norway	150
Portugal	50
Spain	70
Sweden	350
Switzerland	380
West Germany	2,750
Eastern Europe and Siberia	
U. S. S. R.	1,000
Elsewhere	300
Asia	
Japan	2,100
India	140
Hong Kong	50
Elsewhere	270
Africa	
South Africa	175
Elsewhere	200
Oceania	
Australia	450
New Zealand	50
Elsewhere	20
TOTAL	44,455

The Computer Industry's Cycles

To fully understand the significance and implications of the System/360, let's take a brief look at the historical background of the computer industry. In early 1964 the "second generation" computer cycle was coming to an end and signs indicating the start of the "third generation" appeared in a few, unrelated computer systems. According to the cycle theory of the computer industry, significant economic and technological transitions occur in the industry approximately every five years, resulting in the appearance of a "new generation" of computer systems, and the beginning of a new cycle.

This theory has a certain amount of historical justification since such a turning point appeared previously in the industry in 1959-1960. This was when the transition from the "first generation" systems to the "second generation" systems occurred. According to this theory, new product development in the computer industry is regulated by the fact that over 75% of computers are leased rather than purchased. It takes approximately 60 months or five years before the manufacturer recovers his costs for research and development, manufacturing, sales, service, and interest, and attains a satisfactory profit.

The Reason for the Cycles

The major reason why this fact creates a stable, regular pattern in the computer industry is that one manufacturer, IBM, controls 70-75% of the computer market, and has 80% of its equipment on a rental basis. Technical differences between generations of computers, although present, have represented more of an evolution than a revolution.

The First Generation

Broadly, the computers of the first generation were built with vacuum tubes operating at slow speeds and had limited memory capacity (2-4 thousand words) consisting of magnetic drums and slow cores. The computer lines of different manufacturers were isolated, unrelated machines and were applied primarily to scientific applications.

The Second Generation

The second generation of systems (1959-1964) saw the introduction of solid-state components on a large scale, increasing the speed of the computers to the microsecond range and extending memory capacities to 32 thousand words. The computers of various manufacturers tended to be separated between business and scientific machines. This period saw a rapid increase in business data processing, accounting and payroll applications, due primarily to the moderate cost and widespread popularity of the IBM 1401 system. Costs of computer systems came steadily down and were brought within the reach of medium-size business establishments. The size of the market increased rapidly. By the end of 1963, just prior to the announcement of the IBM System/360, the cumulative value of American-made computers installed in the world market reached close to \$5 billion. This market was shared by various manufacturers as shown in Table 2.

The status of the EDP industry toward the end of the second generation computer industry cycle was as follows. During the ten year period 1954-1964 IBM rose from a second position in the industry behind UNIVAC in 1954 to a position of overwhelming dominance. IBM managed to steadily increase its share of the market during the entire 1954-1964 period. UNIVAC's lead in the early '50's, although supported by technical skills second to none at that time, was quickly overtaken by IBM's superior marketing

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or in production at any one time has been increasing at a bewildering pace in the past several years. New vendors have come into the computer market, and familiar machines have gone out of production. Some new machines have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this mushrooming activity, the editors of COMPUTERS AND AUTOMATION present this monthly report on the number of general purpose electronic computers of American-based companies which are installed or on order as of the preceding month. These figures included installations and orders outside the United States. We update this computer census monthly, so that it will serve as a "box-score"

of progress for readers interested in following the growth of the American computer industry, and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by associates of our magazine. This market research program develops and maintains a data bank describing current computer installations in the United States. A similar program is conducted for overseas installations.

Any additions, or corrections, from informed readers will be welcomed.

AS OF JANUARY 10, 1967

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
ASI Computer	ASI 210	Y	\$3850	4/62	25	0
	ASI 2100	Y	\$4200	12/63	7	0
	ADVANCE 6020	Y	\$4400	4/65	13	5
	ADVANCE 6040	Y	\$5600	7/65	8	6
	ADVANCE 6050	Y	\$9000	2/66	6	6
	ADVANCE 6070	Y	\$15,000	10/65	5	6
	ADVANCE 6130	Y	\$1000	11/66	3	21
Autonetics	RECOMP II	Y	\$2495	11/58	35	X
	RECOMP III	Y	\$1495	6/61	7	X
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	160	2
	BR-133	Y	\$2400	5/64	29	40
	BR-230	Y	\$2680	8/63	15	X
	BR-300	Y	\$3000	3/59	35	X
	BR-330	Y	\$4000	12/60	30	X
	BR-340	Y	\$7000	12/63	20	X
Burroughs	205	N	\$4600	1/54	42	X
	220	N	\$14,000	10/58	34	X
	E101-103	N	\$875	1/56	122	X
	B100	Y	\$2800	8/64	172	12
	B250	Y	\$4200	11/61	84	1
	B260	Y	\$3750	11/62	231	2
	B270	Y	\$7000	7/62	165	3
	B280	Y	\$6500	7/62	128	5
	B300	Y	\$10,000	7/65	135	78
	B2500	Y	\$5000	1/67	0	45
	B3500	Y	\$14,000	5/67	0	30
	B5500	Y	\$22,000	3/63	61	11
Control Data Corporation	B6500	Y	\$33,000	2/68	0	11
	B8500	Y	\$200,000	2/67	0	2
	G-15	N	\$1600	7/55	295	X
	G-20	Y	\$15,500	4/61	25	X
	LGP-21	Y	\$725	12/62	160	X
	LGP-30	semi	\$1300	9/56	136	X
	RPC-4000	Y	\$1875	1/61	65	X
	160*/160A/160G	Y	\$2100/\$5000/\$12,000	5/60;7/61;3/64	461	2
	924/924A	Y	\$11,000	8/61	29	X
	1604/1604A	Y	\$45,000	1/60	59	X
	1700	Y	\$4000	5/66	23	105
	3100	Y	\$11,000	12/64	85	36
	3200	Y	\$14,000	5/64	66	X
	3300	Y	\$15,000	9/65	50	52
	3400	Y	\$25,000	11/64	19	X
	3500	Y	\$30,000	9/67	0	7
	3600	Y	\$58,000	6/63	45	X
3800	Y	\$60,000	2/66	15	13	
6400	Y	\$50,000	5/66	12	20	
6600	Y	\$85,000	8/64	21	18	
6800	Y	\$130,000	4/67	0	4	
Data Machines, Inc.	620	Y	\$900	11/65	38	25
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	60	X
	PDP-4	Y	\$1700	8/62	57	X
	PDP-5	Y	\$900	9/63	116	X
	PDP-6	Y	\$10,000	10/64	23	2
	PDP-7	Y	\$1300	11/64	110	30
	PDP-8; 8/S	Y	\$525; \$300	4/65	610	520
	PDP-9	Y	\$1000	12/66	1	60
	PDP-10	Y	\$9000	7/67	0	7
	El-tronics, Inc.	ALWAC IIIE	N	\$1820	2/54	14
Electronic Associates, Inc.	8400	Y	\$12,000	6/65	13	9
General Electric	115	Y	\$1800	12/65	260	540
	205	Y	\$2900	6/64	44	X
	210	Y	\$16,000	7/59	48	X
	215	Y	\$6000	9/63	54	X
	225	Y	\$8000	4/61	203	X
	235	Y	\$10,900	4/64	70	2
	415	Y	\$9600	5/64	205	55
	425	Y	\$18,000	6/64	85	44
	435	Y	\$25,000	9/65	32	17
	625	Y	\$50,000	4/65	20	16
	635	Y	\$56,000	5/65	18	17
	645	Y	\$90,000	7/66	2	10
	Honeywell	DDP-24	Y	\$2500	5/63	88
DDP-116		Y	\$900	4/65	148	30
DDP-124		Y	\$2050	3/66	27	38
DDP-224		Y	\$3300	3/65	50	9
DDP-516		Y	\$700	9/66	10	90
H-120		Y	\$3900	1/66	360	300
H-200		Y	\$8400	3/64	1020	150

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Honeywell (cont'd)	H-400	Y	\$8,500	12/61	115	X
	H-800	Y	\$28,000	12/60	89	1
	H-1200	Y	\$8000	2/66	68	100
	H-1400	Y	\$14,000	1/64	12	X
	H-1800	Y	\$42,000	1/64	21	1
	H-2200	Y	\$12,000	1/66	22	64
	H-4200	Y	\$20,500	3/67	0	10
	H-8200	Y	\$35,000	3/68	0	3
	DATA-matic 1000	N	\$40,000	12/57	2	X
IBM	305	N	\$3600	12/57	138	X
	360/20	Y	\$2000	12/65	1300	6400
	360/30	Y	\$7500	5/65	2750	4450
	360/40	Y	\$15,000	4/65	1450	1500
	360/44	Y	\$10,000	7/66	24	150
	360/50	Y	\$26,000	8/65	150	590
	360/62	Y	\$55,000	11/65	1	X
	360/65	Y	\$50,000	11/65	32	220
	360/67	Y	\$75,000	10/66	6	56
	360/75	Y	\$78,000	2/66	17	35
	360/90 Series	Y	\$140,000	6/67	0	10
	650	N	\$4800	11/54	170	X
	1130	Y	\$1200	11/65	1000	4500
	1401	Y	\$6600	9/60	7650	X
	1401-G	Y	\$2300	5/64	1620	X
	1410	Y	\$14,200	11/61	805	65
	1440	Y	\$4800	4/63	3100	90
	1460	Y	\$11,500	10/63	1760	X
	1620 I, II	Y	\$4000	9/60	1670	20
	1800	Y	\$7600	1/66	120	320
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	215	6
	702	N	\$6900	2/55	6	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	31	X
	7040	Y	\$22,000	6/63	120	4
	7044	Y	\$32,000	6/63	127	5
	705	N	\$38,000	11/55	52	X
	7070, 2, 4	Y	\$27,000	3/60	322	X
	7080	Y	\$55,000	8/61	85	X
	709	N	\$40,000	8/58	9	X
	7090	Y	\$63,500	11/59	45	X
	7094	Y	\$72,500	9/62	115	2
	7094 II	Y	\$78,500	4/64	130	4
	National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	25
NCR - 310		Y	\$2500	5/61	10	X
NCR - 315		Y	\$8500	5/62	390	145
NCR - 315-RMC		Y	\$12,000	9/65	36	43
NCR - 390		Y	\$1850	5/61	725	25
NCR - 500		Y	\$1500	10/65	900	850
Philco	1000	Y	\$7010	6/63	16	X
	2000-210, 211	Y	\$40,000	10/58	16	X
	2000-212	Y	\$52,000	1/63	12	X
Radio Corporation of America	RCA 301	Y	\$7000	2/61	644	2
	RCA 3301	Y	\$17,000	7/64	69	5
	RCA 501	Y	\$14,000	6/59	96	X
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$4100	9/65	78	100
	Spectra 70/25	Y	\$6700	9/65	45	55
	Spectra 70/35	Y	\$10,400	7/66	18	100
	Spectra 70/45	Y	\$17,400	11/65	24	95
Spectra 70/55	Y	\$40,500	1/67	0	12	
Raytheon	250	Y	\$1200	12/60	175	X
	440	Y	\$3500	3/64	16	3
	520	Y	\$3200	10/65	22	6
Scientific Control Corporation	650	Y	\$500	5/66	3	7
	655	Y	\$1800	10/66	0	2
	660	Y	\$2000	10/65	6	2
	670	Y	\$2600	5/66	1	2
Scientific Data Systems Inc.	SDS-92	Y	\$1500	4/65	73	20
	SDS-910	Y	\$2000	8/62	188	6
	SDS-920	Y	\$2900	9/62	140	8
	SDS-925	Y	\$3000	12/64	32	8
	SDS-930	Y	\$3400	6/64	137	12
	SDS-940	Y	\$10,000	4/66	9	9
	SDS-9300	Y	\$7000	11/64	33	5
	Sigma 2	Y	\$1000	12/66	2	190
Sigma 7	Y	\$12,000	12/66	2	25	
Systems Engineering Labs	SEL-810/810A	Y	\$1000	9/65	30	8
	SEL-840/840A	Y	\$1400	11/65	4	8
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	24	X
	III	Y	\$20,000	8/62	75	X
	File Computers	N	\$15,000	8/56	16	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	238	X
	418	Y	\$11,000	6/63	100	35
	490 Series	Y	\$35,000	12/61	115	52
	1004	Y	\$1900	2/63	3200	50
	1005	Y	\$2400	4/66	490	200
	1050	Y	\$8000	9/63	295	35
	1100 Series (except 1107)	N	\$35,000	12/50	10	X
	1107	Y	\$55,000	10/62	35	X
	1108	Y	\$65,000	9/65	34	68
	9200	Y	\$1500	6/67	0	800
	9300	Y	\$3400	6/67	0	250
	LARC	Y	\$135,000	5/60	2	X
	TOTALS					41,196

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, customers ordering a new computer model intended to replace a computer model in the same product line may continue to use their current peripheral equipment, which can account for 30-70% of the value of the total computer system.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or on order at any one time has been increasing rapidly during the past several years. New models have been offered in the computer market, and familiar machines have gone out-of-production and subsequently been retired from active use and dismantled. Some new computers have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this rapidly changing profile of computer use, COMPUTERS AND AUTOMATION presents this monthly report on the number of general purpose electronic digital computers made by U.S.-based companies which are installed or on order as of the preceding month. These census figures include installations and orders outside the United States. The figures are compiled and updated each month by the International

Data Corporation, Newton, Mass., a market research firm specializing in the computer industry. We hope they will serve as a useful "box-score" of progress for readers interested in following the growth of the American Computer Industry and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by the International Data Corporation. This market research program compiles and maintains a worldwide computer installation locator file which identifies, by customer, the installation sites of electronic computers. The resulting census counts are submitted to the individual computer manufacturers for their review and voluntary confirmation.

AS OF FEBRUARY 10, 1967

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER UNFILLED ORDERS	
ASI Computer	ASI 210	Y	\$3850	4/62	25	0	
	ASI 2100	Y	\$4200	12/63	7	0	
	ADVANCE 6020	Y	\$4400	4/65	13	5	
	ADVANCE 6040	Y	\$5600	7/65	8	6	
	ADVANCE 6050	Y	\$9000	2/66	6	6	
	ADVANCE 6070	Y	\$15,000	10/65	5	6	
Autonetics	ADVANCE 6130	Y	\$1000	11/66	5	20	
	RECOMP II	Y	\$2495	11/58	35	X	
Bunker-Ramo Corp.	RECOMP III	Y	\$1495	6/61	7	X	
	BR-130	Y	\$2000	10/61	160	2	
	BR-133	Y	\$2400	5/64	30	38	
	BR-230	Y	\$2680	8/63	15	X	
	BR-300	Y	\$3000	3/59	35	X	
	BR-330	Y	\$4000	12/60	30	X	
Burroughs	BR-340	Y	\$7000	12/63	20	X	
	205	N	\$4600	1/54	41	X	
	220	N	\$14,000	10/58	33	X	
	E101-103	N	\$875	1/56	121	X	
	B100	Y	\$2800	8/64	174	10	
	B250	Y	\$4200	11/61	84	1	
	B260, 263	Y	\$3750	11/62	230	2	
	B270, 273	Y	\$7000	7/62	165	2	
	B280, 283	Y	\$6500	7/62	129	4	
	B300	Y	\$10,000	7/65	135	75	
	B2500	Y	\$5000	2/67	1	50	
	B3500	Y	\$14,000	5/67	0	35	
	B5500	Y	\$22,000	3/63	61	10	
	B6500	Y	\$33,000	2/68	0	11	
Control Data Corporation	B8500	Y	\$200,000	2/67	0	3	
	G-15	N	\$1600	7/55	294	X	
	G-20	Y	\$15,500	4/61	25	X	
	LGP-21	Y	\$725	12/62	160	X	
	LGP-30	semi	\$1300	9/56	136	X	
	RPC-4000	Y	\$1875	1/61	64	X	
	160*/160A/160G	Y	\$2100/\$5000/\$12,000	5/60;7/61;3/64	462	1	
	924/924A	Y	\$11,000	8/61	29	X	
	1604/1604A	Y	\$45,000	1/60	59	X	
	1700	Y	\$3500	5/66	28	100	
	3100	Y	\$10,000	12/64	88	35	
	3200	Y	\$14,000	5/64	66	X	
	3300	Y	\$19,500	9/65	54	50	
	3400	Y	\$18,000	11/64	19	X	
	3500	Y	\$30,000	9/67	0	7	
	3600	Y	\$48,000	6/63	45	X	
	3800	Y	\$49,300	2/66	16	14	
	6400	Y	\$52,100	5/66	12	19	
	6600	Y	\$117,000	8/64	22	17	
6800	Y	\$130,000	4/67	0	4		
Data Machines, Inc.	620	Y	\$900	11/65	40	22	
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	59	X	
	PDP-4	Y	\$1700	8/62	56	X	
	PDP-5	Y	\$900	9/63	116	X	
	PDP-6	Y	\$10,000	10/64	24	1	
	PDP-7	Y	\$1300	11/64	120	28	
	PDP-8; 8/S	Y	\$525; \$300	4/65	700	500	
	PDP-9	Y	\$1000	12/66	3	60	
	PDP-10	Y	\$9000	7/67	0	9	
	El-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	14	X
	Electronic Associates, Inc.	8400	Y	\$12,000	6/65	13	9
General Electric	115	Y	\$1800	12/65	265	540	
	205	Y	\$2900	6/64	44	X	
	210	Y	\$16,000	7/59	48	X	
	215	Y	\$6000	9/63	54	X	
	225	Y	\$8000	4/61	203	X	
	235	Y	\$10,900	4/64	70	2	
	415	Y	\$9600	5/64	209	53	
	425	Y	\$18,000	6/64	86	43	
	435	Y	\$25,000	9/65	33	17	
	625	Y	\$50,000	4/65	21	15	
	635	Y	\$56,000	5/65	18	15	
	645	Y	\$90,000	7/66	2	10	
	Honeywell	DDP-24	Y	\$2500	5/63	88	X
		DDP-116	Y	\$900	4/65	152	50
DDP-124		Y	\$2050	3/66	29	36	
DDP-224		Y	\$3300	3/65	50	9	
DDP-516		Y	\$700	9/66	15	90	
H-120		Y	\$3900	1/66	370	290	
H-200		Y	\$8400	3/64	1040	140	
H-400		Y	\$8500	12/61	108	X	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILED ORDERS
Honeywell (cont'd)	H-800	Y	\$28,000	12/60	89	1
	H-1200	Y	\$8000	2/66	75	100
	H-1400	Y	\$14,000	1/64	12	X
	H-1800	Y	\$42,000	1/64	21	1
	H-2200	Y	\$12,000	1/66	28	64
	H-4200	Y	\$20,500	3/67	0	10
	H-8200	Y	\$35,000	3/68	0	5
	DATA-matic 1000	N	\$40,000	12/57	2	X
IBM	305	N	\$3600	12/57	135	X
	360/20	Y	\$2000	12/65	1675	6200
	360/30	Y	\$7500	5/65	3125	4300
	360/40	Y	\$15,000	4/65	1700	1600
	360/44	Y	\$10,000	7/66	40	200
	360/50	Y	\$26,000	8/65	200	600
	360/65	Y	\$50,000	11/65	40	200
	360/67	Y	\$75,000	10/66	6	50
	360/75	Y	\$78,000	2/66	19	35
	360/90 Series	Y	\$140,000	6/67	0	10
	650	N	\$4800	11/54	168	X
	1130	Y	\$1200	6/66'	1200	4800
	1401	Y	\$6600	9/60	7650	X
	1401-G	Y	\$2300	5/64	1615	X
	1410	Y	\$14,200	11/61	808	60
	1440	Y	\$4800	4/63	3440	60
	1460	Y	\$11,500	10/63	1750	X
	1620 I, II	Y	\$4000	9/60	1670	20
	1800	Y	\$7600	1/66	140	315
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	216	6
	702	N	\$6900	2/55	6	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	29	X
	7040	Y	\$22,000	6/63	120	3
	7044	Y	\$32,000	6/63	130	4
	705	N	\$38,000	11/55	50	X
7070, 2, 4	Y	\$27,000	3/60	320	X	
7080	Y	\$55,000	8/61	85	X	
709	N	\$40,000	8/58	8	X	
7090	Y	\$63,500	11/59	44	X	
7094	Y	\$72,500	9/62	114	2	
7094 II	Y	\$78,500	4/64	132	4	
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	25	X
	NCR - 310	Y	\$2500	5/61	10	X
	NCR - 315	Y	\$8500	5/62	400	120
	NCR - 315-RMC	Y	\$12,000	9/65	55	50
	NCR - 390	Y	\$1850	5/61	725	25
	NCR - 500	Y	\$1500	10/65	925	850
Philco	1000	Y	\$7010	6/63	16	X
	2000-210, 211	Y	\$40,000	10/58	16	X
	2000-212	Y	\$52,000	1/63	12	X
Radio Corporation of America	RCA 301	Y	\$7000	2/61	643	1
	RCA 3301	Y	\$17,000	7/64	69	4
	RCA 501	Y	\$14,000	6/59	96	X
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$4100	9/65	90	110
	Spectra 70/25	Y	\$6700	9/65	47	60
	Spectra 70/35	Y	\$10,400	1/67	18	115
	Spectra 70/45	Y	\$17,400	11/65	24	90
Spectra 70/55	Y	\$40,500	11/66	2	14	
Raytheon	250	Y	\$1260	12/60	175	X
	440	Y	\$3500	3/64	16	3
	520	Y	\$3200	10/65	22	6
Scientific Control Corporation	650	Y	\$500	5/66	3	7
	655	Y	\$1800	10/66	1	2
	660	Y	\$2000	10/65	6	2
	670	Y	\$2600	5/66	1	2
Scientific Data Systems Inc.	SDS-92	Y	\$1500	4/65	80	19
	SDS-910	Y	\$2000	8/62	190	6
	SDS-920	Y	\$2900	9/62	144	8
	SDS-925	Y	\$3000	12/64	35	12
	SDS-930	Y	\$3400	6/64	145	20
	SDS-940	Y	\$10,000	4/66	9	9
	SDS-9300	Y	\$7000	11/64	33	6
	Sigma 2	Y	\$1000	12/66	3	200
	Sigma 5	Y	\$6000	8/67	0	10
	Sigma 7	Y	\$12,000	12/66	4	25
Systems Engineering Labs	810	Y	\$1000	9/65	24	X
	810A	Y	\$900	8/66	10	9
	840	Y	\$1400	11/65	4	X
	840A	Y	\$1400	8/66	2	15
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	24	X
	III	Y	\$20,000	8/62	74	X
	File Computers	N	\$15,000	8/56	15	X
	Solid-State 801, II, 90 I, II & Step	Y	\$8000	8/58	236	X
	418	Y	\$11,000	6/63	105	35
	490 Series	Y	\$35,000	12/61	135	50
	1004	Y	\$1900	2/63	3150	40
	1005	Y	\$2400	4/66	580	200
	1050	Y	\$8000	9/63	300	30
	1100 Series (except 1107)	N	\$35,000	12/50	9	X
	1107	Y	\$55,000	10/62	35	X
	1108	Y	\$65,000	9/65	38	70
	9200	Y	\$1500	6/67	0	900
	9300	Y	\$3400	6/67	0	325
	LARC	Y	\$135,000	5/60	2	X
	TOTALS					42,861

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, customers ordering a new computer model intended to replace a computer model in the same product line may continue to use their current peripheral equipment, which can account for 30-70% of the value of the total computer system.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or on order at any one time has been increasing rapidly during the past several years. New models have been offered in the computer market, and familiar machines have gone out-of-production and subsequently been retired from active use and dismantled. Some new computers have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this rapidly changing profile of computer use, COMPUTERS AND AUTOMATION presents this monthly report on the number of general purpose electronic digital computers made by U.S.-based companies which are installed or on order as of the preceding month. These census figures include installations and orders outside the United States. The figures are compiled and updated each month by the International

Data Corporation, Newton, Mass. 02160, a market research firm specializing in the computer industry. We hope they will serve as a useful "box-score" of progress for readers interested in following the growth of the American Computer Industry and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by the International Data Corporation. This market research program compiles and maintains a worldwide computer installation locator file which identifies, by customer, the installation sites of electronic computers. The resulting census counts are submitted to the individual computer manufacturers for their review and voluntary confirmation.

AS OF MARCH 10, 1967

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS	
ASI Computer	ASI 210	Y	\$3850	4/62	26	0	
	ASI 2100	Y	\$4200	12/63	7	0	
	ADVANCE 6020	Y	\$4400	4/65	13	14	
	ADVANCE 6040	Y	\$5600	7/65	8	12	
	ADVANCE 6050	Y	\$9000	2/66	6	8	
	ADVANCE 6070	Y	\$15,000	10/65	5	6	
	ADVANCE 6130	Y	\$1000	2/67	5	20	
Autonetics	RECOMP II	Y	\$2495	11/58	34	X	
	RECOMP III	Y	\$1495	6/61	7	X	
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	160	X	
	BR-133	Y	\$2400	5/64	33	33	
	BR-230	Y	\$2680	8/63	15	X	
	BR-300	Y	\$3000	3/59	33	X	
	BR-330	Y	\$4000	12/60	29	X	
	BR-340	Y	\$7000	12/63	20	X	
Burroughs	205	N	\$4600	1/54	40	X	
	220	N	\$14,000	10/58	33	X	
	B100	Y	\$2800	8/64	178	10	
	B250	Y	\$4200	11/61	84	1	
	B260, 263	Y	\$3750	11/62	225	2	
	B270, 273	Y	\$7000	7/62	166	2	
	B280, 283	Y	\$6500	7/62	130	3	
	B300	Y	\$10,000	7/65	144	72	
	B2500	Y	\$5000	2/67	1	48	
	B3500	Y	\$14,000	5/67	0	50	
	B5500	Y	\$22,000	3/63	62	9	
	B6500	Y	\$33,000	2/68	0	12	
	B8500	Y	\$200,000	2/67	0	3	
	Control Data Corporation	G-15	N	\$1600	7/55	280	X
		G-20	Y	\$15,500	4/61	25	X
LGP-21		Y	\$725	12/62	160	X	
LGP-30		semi	\$1300	9/56	134	X	
RPC-4000		Y	\$1875	1/61	64	X	
160*/160A/160G		Y	\$2100/\$5000/\$12,000	5/60;7/61;3/64	463	X	
924/924A		Y	\$11,000	8/61	28	X	
1604/1604A		Y	\$45,000	1/60	59	X	
1700		Y	\$3500	5/66	54	175	
3100		Y	\$10,000	12/64	92	34	
3200		Y	\$14,000	5/64	66	X	
3300		Y	\$19,500	9/65	55	52	
3400		Y	\$18,000	11/64	19	X	
3500		Y	\$30,000	9/67	0	9	
3600		Y	\$48,000	6/63	45	X	
3800		Y	\$49,300	2/66	16	13	
6400		Y	\$52,100	5/66	12	20	
6600		Y	\$117,000	8/64	24	18	
6800		Y	\$130,000	4/67	0	4	
Data Machines, Inc.		620	Y	\$900	11/65	42	20
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	59	X	
	PDP-4	Y	\$1700	8/62	56	X	
	PDP-5	Y	\$900	9/63	115	X	
	PDP-6	Y	\$10,000	10/64	24	1	
	PDP-7	Y	\$1300	11/64	124	28	
	PDP-8	Y	\$525	4/65	650	180	
	PDP-9	Y	\$1000	12/66	3	60	
	PDP-10	Y	\$7500	7/67	0	11	
	EL-tronics, Inc.	ALWAC IIIIE	N	\$1820	2/54	14	X
	Electronic Associates, Inc.	8400	Y	\$12,000	6/65	15	9
General Electric	115	Y	\$1800	12/65	285	560	
	205	Y	\$2900	6/64	42	X	
	210	Y	\$16,000	7/59	48	X	
	215	Y	\$6000	9/63	54	X	
	225	Y	\$8000	4/61	203	X	
	235	Y	\$10,900	4/64	72	1	
	415	Y	\$9600	5/64	209	53	
	425	Y	\$18,000	6/64	80	40	
	435	Y	\$25,000	9/65	25	16	
	625	Y	\$50,000	4/65	21	15	
	635	Y	\$56,000	5/65	20	18	
	645	Y	\$90,000	7/66	2	9	
	Honeywell	DDP-24	Y	\$2500	5/63	87	X
DDP-116		Y	\$900	4/65	165	40	
DDP-124		Y	\$2050	3/66	32	35	
DDP-224		Y	\$3300	3/65	52	8	
DDP-516		Y	\$700	9/66	30	125	
H-120		Y	\$3900	1/66	400	310	
H-200		Y	\$8400	3/64	1040	150	
H-400		Y	\$8500	12/61	101	X	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS
Honeywell (cont'd)	H-800	Y	\$28,000	12/60	90	1
	H-1200	Y	\$8000	2/66	85	95
	H-1400	Y	\$14,000	1/64	12	X
	H-1800	Y	\$42,000	1/64	20	1
	H-2200	Y	\$12,000	1/66	33	60
	H-4200	Y	\$20,500	3/67	0	9
	H-8200	Y	\$35,000	3/68	0	5
IBM	305	N	\$3600	12/57	132	X
	360/20	Y	\$2000	12/65	2025	6100
	360/30	Y	\$7500	5/65	3400	4250
	360/40	Y	\$15,000	4/65	1850	1350
	360/44	Y	\$10,000	7/66	44	180
	360/50	Y	\$26,000	8/65	260	680
	360/65	Y	\$50,000	11/65	55	260
	360/67	Y	\$75,000	10/66	7	50
	360/75	Y	\$78,000	2/66	20	40
	360/90 Series	Y	\$140,000	6/67	0	10
	650	N	\$4800	11/54	160	X
	1130	Y	\$1200	2/66	1350	4700
	1401	Y	\$6600	9/60	7645	X
	1401-G	Y	\$2300	5/64	1615	X
	1410	Y	\$14,200	11/61	812	55
	1440	Y	\$4800	4/63	3440	100
	1460	Y	\$11,500	10/63	1730	X
	1620 I, II	Y	\$4000	9/60	1665	15
	1800	Y	\$7600	1/66	155	315
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	216	6
	702	N	\$6900	2/55	7	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	28	X
	7040	Y	\$22,000	6/63	118	2
	7044	Y	\$32,000	6/63	130	4
	705	N	\$38,000	11/55	49	X
	7070, 2, 4	Y	\$27,000	3/60	316	X
	7080	Y	\$55,000	8/61	85	X
	709	N	\$40,000	8/58	8	X
7090	Y	\$63,500	11/59	44	X	
7094	Y	\$72,500	9/62	116	2	
7094 II	Y	\$78,500	4/64	128	2	
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	25	X
	NCR - 310	Y	\$2500	5/61	15	X
	NCR - 315	Y	\$8500	5/62	425	125
	NCR - 315-RMC	Y	\$12,000	9/65	60	45
	NCR - 390	Y	\$1850	5/61	690	25
	NCR - 500	Y	\$1500	10/65	1000	800
Philco	1000	Y	\$7010	6/63	16	X
	2000-210,211	Y	\$40,000	10/58	16	X
	2000-212	Y	\$52,000	1/63	12	X
Radio Corporation of America	RCA 301	Y	\$7000	2/61	643	1
	RCA 3301	Y	\$17,000	7/64	72	4
	RCA 501	Y	\$14,000	6/59	96	X
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$4100	9/65	94	130
	Spectra 70/25	Y	\$6700	9/65	60	55
	Spectra 70/35	Y	\$10,400	1/67	18	135
	Spectra 70/45	Y	\$17,400	11/65	60	105
	Spectra 70/55	Y	\$40,500	11/66	2	14
Raytheon	250	Y	\$1200	12/60	175	X
	440	Y	\$3500	3/64	16	2
	520	Y	\$3200	10/65	22	5
Scientific Control Corporation	650	Y	\$500	5/66	9	6
	655	Y	\$1800	2/67	1	4
	660	Y	\$2000	10/65	6	3
	670	Y	\$2600	5/66	2	2
	6700	Y	\$45,000	10/67	0	1
Scientific Data Systems Inc.	SDS-92	Y	\$1500	4/65	88	40
	SDS-910	Y	\$2000	8/62	200	16
	SDS-920	Y	\$2900	9/62	150	25
	SDS-925	Y	\$3000	12/64	37	30
	SDS-930	Y	\$3400	6/64	200	48
	SDS-940	Y	\$10,000	4/66	11	28
	SDS-9300	Y	\$7000	11/64	31	14
	Sigma 2	Y	\$1000	12/66	8	200
	Sigma 5	Y	\$6000	8/67	0	18
	Sigma 7	Y	\$12,000	12/66	5	26
Systems Engineering Labs	810	Y	\$1000	9/65	24	X
	810A	Y	\$900	8/66	15	14
	840	Y	\$1400	11/65	3	X
	840A	Y	\$1400	8/66	6	20
UNIVAC	I & II	N	\$25,000	3/51 & 11/57	24	X
	III	Y	\$20,000	8/62	70	X
	File Computers	N	\$15,000	8/56	15	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	230	X
	418	Y	\$11,000	6/63	110	35
	490 Series	Y	\$35,000	12/61	144	55
	1004	Y	\$1900	2/63	3200	60
	1005	Y	\$2400	4/66	600	220
	1050	Y	\$8000	9/63	290	26
	1100 Series (except 1107)	N	\$35,000	12/50	9	X
	1107	Y	\$55,000	10/62	35	X
	1108	Y	\$65,000	9/65	44	70
	9200	Y	\$1500	6/67	0	900
	9300	Y	\$3400	6/67	0	500
	LARC	Y	\$135,000	5/60	2	X
TOTALS					44,078	24,638

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, customers ordering a new computer model intended to replace a computer model in the same product line may continue to use their current peripheral equipment, which can account for 30-70% of the value of the total computer system.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or on order at any one time has been increasing rapidly during the past several years. New models have been offered in the computer market, and familiar machines have gone out-of-production and subsequently been retired from active use and dismantled. Some new computers have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this rapidly changing profile of computer use, COMPUTERS AND AUTOMATION presents this monthly report on the number of general purpose electronic digital computers made by U.S.-based companies which are installed or on order as of the preceding month. These census figures include installations and orders outside the United States. The figures are compiled and updated each month by the International

Data Corporation, Newton, Mass. 02160, a market research firm specializing in the computer industry. We hope they will serve as a useful "box-score" of progress for readers interested in following the growth of the American computer industry and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by the International Data Corporation. This market research program compiles and maintains a worldwide computer installation locator file which identifies, by customer, the installation sites of electronic computers. The resulting census counts are submitted to the individual computer manufacturers for their review and voluntary confirmation.

AS OF APRIL 10, 1967

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILLED ORDERS	
ASI Computer	ASI 210	Y	\$3850	4/62	26	X	
	ASI 2100	Y	\$4200	12/63	7	X	
	ADVANCE 6020	Y	\$4400	4/65	14	13	
	ADVANCE 6040	Y	\$5600	7/65	8	12	
	ADVANCE 6050	Y	\$9000	2/66	7	9	
	ADVANCE 6070	Y	\$15,000	10/65	5	6	
	ADVANCE 6130	Y	\$1000	2/67	8	22	
Autonetics	RECOMP II	Y	\$2495	11/58	33	X	
	RECOMP III	Y	\$1495	6/61	7	X	
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	160	X	
	BR-133	Y	\$2400	5/64	36	32	
	BR-230	Y	\$2680	8/63	15	X	
	BR-300	Y	\$3000	3/59	33	X	
	BR-330	Y	\$4000	12/60	29	X	
	BR-340	Y	\$7000	12/63	20	X	
Burroughs	205	N	\$4600	1/54	40	X	
	220	N	\$14,000	10/58	32	X	
	B100	Y	\$2800	8/64	180	9	
	B200 Series	Y	\$5400	11/61	600	8	
	B300 Series	Y	\$10,000	7/65	148	73	
	B2500	Y	\$5000	2/67	3	55	
	B3500	Y	\$14,000	5/67	0	52	
	B5500	Y	\$22,000	3/63	67	9	
	B6500	Y	\$33,000	2/68	0	14	
	B8500	Y	\$200,000	2/67	0	4	
Control Data Corporation	G-15	N	\$1600	7/55	280	X	
	G-20	Y	\$15,500	4/61	25	X	
	LGP-21	Y	\$725	12/62	160	X	
	LGP-30	semi	\$1300	9/56	133	X	
	RPC-4000	Y	\$1875	1/61	64	X	
	160*/160A/160G	Y	\$2100/\$5000/\$12,000	5/60;7/61;3/64	462	X	
	924/924A	Y	\$11,000	8/61	28	X	
	1604/1604A	Y	\$45,000	1/60	59	X	
	1700	Y	\$3500	5/66	60	178	
	3100	Y	\$10,000	12/64	98	25	
	3200	Y	\$14,000	5/64	66	X	
	3300	Y	\$19,500	9/65	60	50	
	3400	Y	\$18,000	11/64	19	X	
	3500	Y	\$30,000	9/67	0	10	
	3600	Y	\$48,000	6/63	45	X	
	3800	Y	\$49,300	2/66	18	13	
	6400	Y	\$52,000	5/66	13	22	
6600	Y	\$117,000	8/64	24	17		
6800	Y	\$130,000	4/67	0	2		
Data Machines, Inc.	620	Y	\$900	11/65	54	12	
	620 I	Y	\$500	6/67	0	38	
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	59	X	
	PDP-4	Y	\$1700	8/62	55	X	
	PDP-5	Y	\$900	9/63	115	X	
	PDP-6	Y	\$10,000	10/64	24	1	
	PDP-7	Y	\$1300	11/64	128	26	
	PDP-8	Y	\$525	4/65	700	170	
	PDP-9	Y	\$1000	12/66	6	64	
	PDP-10	Y	\$7500	7/67	0	14	
	Electronic Associates, Inc.	8400	Y	\$12,000	6/65	16	9
	General Electric	115	Y	\$1800	12/65	310	600
205		Y	\$2900	6/64	42	X	
210		Y	\$16,000	7/59	47	X	
215		Y	\$6000	9/63	54	X	
225		Y	\$8000	4/61	202	X	
235		Y	\$10,900	4/64	73	5	
415		Y	\$9600	5/64	215	55	
425		Y	\$18,000	6/64	82	42	
435		Y	\$25,000	9/65	25	15	
625		Y	\$50,000	4/65	22	16	
635		Y	\$56,000	5/65	21	17	
645		Y	\$90,000	7/66	2	9	
Honeywell		DDP-24	Y	\$2500	5/63	87	X
		DDP-116	Y	\$900	4/65	180	44
		DDP-124	Y	\$2050	3/66	36	34
	DDP-224	Y	\$3300	3/65	56	8	
	DDP-516	Y	\$700	9/66	45	160	
	H-120	Y	\$3900	1/66	430	300	
	H-200	Y	\$8400	3/64	1060	140	
	H-400	Y	\$8500	12/61	101	X	
	H-800	Y	\$28,000	12/60	90	1	
	H-1200	Y	\$8000	2/66	92	100	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Honeywell (cont'd)	H-1400	Y	\$14,000	1/64	12	X
	H-1800	Y	\$42,000	1/64	20	1
	H-2200	Y	\$12,000	1/66	36	62
	H-4200	Y	\$20,500	4/67	0	9
	H-8200	Y	\$35,000	4/68	0	5
IBM	305	N	\$3600	12/57	125	X
	360/20	Y	\$2000	12/65	2550	6800
	360/30	Y	\$7500	5/65	3900	4400
	360/40	Y	\$15,000	4/65	2000	1800
	360/44	Y	\$10,000	7/66	50	200
	360/50	Y	\$26,000	8/65	300	700
	360/65	Y	\$50,000	11/65	60	260
	360/67	Y	\$75,000	10/66	7	50
	360/75	Y	\$78,000	2/66	20	38
	360/90 Series	Y	\$140,000	6/67	0	10
	650	N	\$4800	11/54	152	X
	1130	Y	\$1200	2/66	1400	4600
	1401	Y	\$6600	9/60	7650	X
	1401-G	Y	\$2300	5/64	1610	X
	1410	Y	\$14,200	11/61	815	50
	1440	Y	\$4800	4/63	3500	190
	1460	Y	\$11,500	10/63	1700	X
	1620 I, II	Y	\$4000	9/60	1660	90
	1800	Y	\$7600	1/66	160	350
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	216	5
	702	N	\$6900	2/55	7	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	27	X
7040	Y	\$22,000	6/63	120	6	
7044	Y	\$32,000	6/63	130	8	
705	N	\$38,000	11/55	48	X	
7070, 2, 4	Y	\$27,000	3/60	315	X	
7080	Y	\$55,000	8/61	85	X	
709	N	\$40,000	8/58	8	X	
7090	Y	\$63,500	11/59	44	X	
7094	Y	\$72,500	9/62	105	1	
7094 II	Y	\$78,500	4/64	138	4	
National Cash Register Co.	NCR - 304	Y	\$14,000	1/60	24	X
	NCR - 310	Y	\$2500	5/61	15	X
	NCR - 315	Y	\$8500	5/62	435	122
	NCR - 315-RMC	Y	\$12,000	9/65	63	44
	NCR - 390	Y	\$1850	5/61	500	25
	NCR - 500	Y	\$1500	10/65	1200	850
Philco	1000	Y	\$7010	6/63	16	X
	2000-210, 211	Y	\$40,000	10/58	16	X
	2000-212	Y	\$52,000	1/63	12	X
Radio Corporation of America	RCA 301	Y	\$7000	2/61	642	1
	RCA 3301	Y	\$17,000	7/64	73	3
	RCA 501	Y	\$14,000	6/59	96	X
	RCA 601	Y	\$35,000	11/62	5	X
	Spectra 70/15	Y	\$4100	9/65	100	130
	Spectra 70/25	Y	\$6700	9/65	62	54
	Spectra 70/35	Y	\$10,400	1/67	22	140
	Spectra 70/45	Y	\$17,400	11/65	64	110
	Spectra 70/55	Y	\$40,500	11/66	3	15
Raytheon	250	Y	\$1200	12/60	175	X
	440	Y	\$3500	3/64	17	1
	520	Y	\$3200	10/65	23	5
Scientific Control Corporation	650	Y	\$500	5/66	11	7
	655	Y	\$1800	10/66	1	2
	660	Y	\$2000	10/65	2	1
	670	Y	\$2600	5/66	1	2
	6700	Y	\$30,000	10/67	0	1
Scientific Data Systems Inc.	SDS-92	Y	\$1500	4/65	95	65
	SDS-910	Y	\$2000	8/62	210	50
	SDS-920	Y	\$2900	9/62	155	40
	SDS-925	Y	\$3000	12/64	40	35
	SDS-930	Y	\$3400	6/64	210	50
	SDS-940	Y	\$10,000	4/66	13	28
	SDS-9300	Y	\$7000	11/64	32	13
	Sigma 2	Y	\$1000	12/66	12	200
	Sigma 5	Y	\$6000	8/67	0	22
	Sigma 7	Y	\$12,000	12/66	7	27
Systems Engineering Labs	810	Y	\$1000	9/65	24	X
	810A	Y	\$900	8/66	22	14
	840	Y	\$1400	11/65	4	X
	840A	Y	\$1400	8/66	6	34
	UNIVAC	I & II	N	\$25,000	3/51 & 11/57	24
III		Y	\$20,000	8/62	69	X
File Computers		N	\$15,000	8/56	14	X
Solid-State 80 I, II, 90 I, II & Step		Y	\$8000	8/58	228	X
418		Y	\$11,000	6/63	114	36
490 Series		Y	\$35,000	12/61	150	56
1004		Y	\$1900	2/63	3200	50
1005		Y	\$2400	4/66	650	200
1050		Y	\$8000	9/63	285	20
1100 Series (except 1107)		N	\$35,000	12/50	9	X
1107		Y	\$55,000	10/62	35	X
1108		Y	\$65,000	9/65	48	74
9200		Y	\$1500	6/67	0	950
9300		Y	\$3400	6/67	0	550
LARC		Y	\$135,000	5/60	2	X

TOTALS 45,734 26,181

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, customers ordering a new computer model intended to replace a computer model in the same product line may continue to use much of their current peripheral equipment, which can account for 30-70% of the value of the total computer system.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or on order at any one time has been increasing rapidly during the past several years. New models have been offered in the computer market, and familiar machines have gone out-of-production and subsequently been retired from active use and dismantled. Some new computers have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this rapidly changing profile of computer use, COMPUTERS AND AUTOMATION presents this monthly report on the number of general purpose electronic digital computers made by U.S.-based companies which are installed or on order as of the preceding month. These census figures include installations and orders outside the United States. The figures are compiled and updated each month by the International

Data Corporation, Newton, Mass., a market research firm specializing in the computer industry. We hope they will serve as a useful "box-score" of progress for readers interested in following the growth of the American Computer Industry and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by the International Data Corporation. This market research program compiles and maintains a worldwide computer installation locator file which identifies, by customer, the installation sites of electronic computers. The resulting census counts are submitted to the individual computer manufacturers for their review and voluntary confirmation.

AS OF MAY 10, 1967

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	
Autonetics	RECOMP II	Y	\$2495	11/58	32	X	
	RECOMP III	Y	\$1495	6/61	6	X	
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	160	X	
	BR-133	Y	\$2400	5/64	40	28	
	BR-230	Y	\$2680	8/63	15	X	
	BR-300	Y	\$3000	3/59	33	X	
	BR-330	Y	\$4000	12/60	28	X	
	BR-340	Y	\$7000	12/63	20	X	
Burroughs	205	N	\$4600	1/54	39	X	
	220	N	\$14,000	10/58	31	X	
	B100	Y	\$2800	8/64	184	8	
	B200 Series	Y	\$5400	11/61	590	6	
	B300 Series	Y	\$9000	7/65	155	70	
	B2500	Y	\$5000	2/67	7	65	
	B3500	Y	\$14,000	5/67	1	60	
	B5500	Y	\$22,000	3/63	68	8	
	B6500	Y	\$33,000	2/68	0	15	
	B8500	Y	\$200,000	8/67	0	4	
Control Data Corporation	G-15	N	\$1600	7/55	275	X	
	G-20	Y	\$15,500	4/61	25	X	
	LGP-21		\$725	12/62	160	X	
	LGP-30	semi	\$1300	9/56	132	X	
	RPC-4000	Y	\$1875	1/61	63	X	
	160*/160A/160G	Y	\$2100/\$5000/\$12,000	5/60;7/61;3/64	462	X	
	924/924A	Y	\$11,000	8/61	28	X	
	1604/1604A	Y	\$45,000	1/60	59	X	
	1700	Y	\$3500	5/66	75	180	
	3100/3150	Y	\$10,000	12/64	105	30	
	3200	Y	\$14,000	5/64	66	X	
	3300	Y	\$19,500	9/65	68	55	
	3400	Y	\$18,000	11/64	19	X	
	3500	Y	\$30,000	9/67	0	10	
	3600	Y	\$48,000	6/63	45	X	
	3800	Y	\$49,300	2/66	19	12	
	6400/6500	Y	\$52,000	5/66	15	24	
6600	Y	\$117,000	8/64	25	18		
6800	Y	\$130,000	6/67	0	2		
Data Machines, Inc.	620	Y	\$900	11/65	59	10	
	620I	Y	\$500	5/67	0	44	
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	59	X	
	PDP-4	Y	\$1700	8/62	55	X	
	PDP-5	Y	\$900	9/63	115	X	
	PDP-6	Y	\$10,000	10/64	20	1	
	PDP-7	Y	\$1300	11/64	150	26	
	PDP-8	Y	\$525	4/65	760	150	
	PDP-9	Y	\$1000	12/66	15	64	
	PDP-10	Y	\$7500	7/67	0	14	
	Electronic Associates, Inc.	8400	Y	\$12,000	6/65	18	9
		ASI 210	Y	\$3850	4/62	26	X
ASI 2100		Y	\$4200	12/63	7	X	
ADVANCE 6020		Y	\$4400	4/65	15	12	
ADVANCE 6040		Y	\$5600	7/65	8	12	
ADVANCE 6050		Y	\$9000	2/66	8	9	
ADVANCE 6070		Y	\$15,000	10/65	5	6	
ADVANCE 6130		Y	\$1000	2/67	12	24	
General Electric	115	Y	\$1800	12/65	340	650	
	205	Y	\$2900	6/64	42	X	
	210	Y	\$16,000	7/59	46	X	
	215	Y	\$6000	9/63	54	X	
	225	Y	\$8000	4/61	202	X	
	235	Y	\$10,900	4/64	78	4	
	415	Y	\$9600	5/64	255	60	
	425	Y	\$18,000	6/64	92	45	
	435	Y	\$25,000	9/65	30	16	
	625	Y	\$50,000	4/65	23	16	
	635	Y	\$56,000	5/65	22	17	
	645	Y	\$90,000	7/66	2	9	
	Honeywell	DDP-24	Y	\$2500	5/63	86	X
		DDP-116	Y	\$900	4/65	170	44
DDP-124		Y	\$2050	3/66	36	34	
DDP-224		Y	\$3300	3/65	52	8	
DDP-516		Y	\$700	9/66	45	160	
H-120		Y	\$3900	1/66	520	250	
H-200		Y	\$8400	3/64	1090	100	
H-400		Y	\$8500	12/61	100	X	
H-800		Y	\$28,000	12/60	90	1	
H-1200		Y	\$8800	2/66	118	90	
H-1400		Y	\$14,000	1/64	12	X	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS
Honeywell (cont'd)	H-1800	Y	\$42,000	1/64	20	1
	H-2200	Y	\$12,000	1/66	40	65
	H-4200	Y	\$20,500	5/67	0	10
	H-8200	Y	\$35,000	4/68	0	5
IBM	305	N	\$3600	12/57	120	X
	360/20	Y	\$2000	12/65	2900	6700
	360/30	Y	\$7500	5/65	4300	4300
	360/40	Y	\$15,000	4/65	2250	1850
	360/44	Y	\$10,000	7/66	65	190
	360/50	Y	\$26,000	8/65	375	900
	360/65	Y	\$50,000	11/65	90	300
	360/67	Y	\$75,000	10/66	9	52
	360/75	Y	\$78,000	2/66	22	38
	360/90 Series	Y	\$140,000	6/67	0	18
	650	N	\$4800	11/54	150	X
	1130	Y	\$1200	2/66	1550	4700
	1401	Y	\$6600	9/60	7650	X
	1401-G	Y	\$2300	5/64	1610	X
	1401-H	Y	\$1300	5/67	1	60
	1410	Y	\$14,200	11/61	818	46
	1440	Y	\$4800	4/63	3600	180
	1460	Y	\$11,500	10/63	1700	X
	1620 I, II	Y	\$4000	9/60	1650	90
	1800	Y	\$7600	1/66	180	360
	701	N	\$5000	4/53	1	X
	7010	Y	\$22,600	10/63	218	5
	702	N	\$6900	2/55	7	X
	7030	Y	\$160,000	5/61	6	X
	704	N	\$32,000	12/55	27	X
	7040	Y	\$22,000	6/63	121	5
	7044	Y	\$32,000	6/63	133	8
	705	N	\$38,000	11/55	46	X
	7070, 2, 4	Y	\$27,000	3/60	314	X
7080	Y	\$55,000	8/61	85	X	
709	N	\$40,000	8/58	8	X	
7090	Y	\$63,500	11/59	40	X	
7094	Y	\$72,500	9/62	106	X	
7094 II	Y	\$78,500	4/64	140	2	
National Cash Register Co.	NCR-304	Y	\$14,000	1/60	24	X
	NCR-310	Y	\$2500	5/61	15	X
	NCR-315	Y	\$8500	5/62	500	125
	NCR-315-RMC	Y	\$12,000	9/65	50	45
	NCR-390	Y	\$1850	5/61	300	15
	NCR-500	Y	\$1500	10/65	1300	800
Philco	1000	Y	\$7010	6/63	16	X
	2000-210, 211	Y	\$40,000	10/58	16	X
	200-212	Y	\$52,000	1/63	12	X
Radio Corporation of America	RCA 301	Y	\$7000	2/61	640	X
	RCA 3301	Y	\$17,000	7/64	74	2
	RCA 501	Y	\$14,000	6/59	96	X
	RCA 601	Y	\$35,000	11/62	4	X
	Spectra 70/15	Y	\$4100	9/65	110	125
	Spectra 70/25	Y	\$6700	9/65	65	56
	Spectra 70/35	Y	\$10,400	1/67	25	142
	Spectra 70/45	Y	\$17,400	11/65	65	110
	Spectra 70/55	Y	\$40,500	11/66	4	15
	Raytheon	250	Y	\$1200	12/60	175
440		Y	\$3500	3/64	20	0
520		Y	\$3200	10/65	27	1
Scientific Control Corporation	650	Y	\$500	5/66	13	13
	655	Y	\$1800	10/66	1	2
	660	Y	\$2000	10/65	2	1
	670	Y	\$2600	5/66	1	2
	6700	Y	\$30,000	10/67	0	1
Scientific Data Systems, Inc.	SDS-92	Y	\$1500	4/65	100	75
	SDS-910	Y	\$2000	8/62	215	46
	SDS-920	Y	\$2900	9/62	158	38
	SDS-925	Y	\$3000	12/64	42	33
	SDS-930	Y	\$3400	6/64	210	48
	SDS-940	Y	\$10,000	4/66	15	27
	SDS-9300	Y	\$7000	11/64	32	12
	Sigma 2	Y	\$1000	12/66	13	195
	Sigma 5	Y	\$6000	8/67	0	24
	Sigma 7	Y	\$12,000	12/66	7	26
	Systems Engineering Labs	810	Y	\$1000	9/65	24
810A		Y	\$900	8/66	24	18
840		Y	\$1400	11/65	4	X
840A		Y	\$1400	8/66	8	24
UNIVAC		I & II	N	\$25,000	3/51 & 11/57	23
	III	Y	\$20,000	8/62	68	X
	File Computers	N	\$15,000	8/56	14	X
	Solid-State 80 I, II, 90 I, II & Step	Y	\$8000	8/58	225	X
	418	Y	\$11,000	6/63	116	35
	490 Series	Y	\$35,000	12/61	154	60
	1004	Y	\$1900	2/63	3180	40
	1005	Y	\$2400	4/66	680	220
	1050	Y	\$8000	9/63	285	18
	1100 Series (except 1107)	N	\$35,000	12/50	9	X
	1107	Y	\$55,000	10/62	35	X
	1108	Y	\$65,000	9/65	50	76
	9200	Y	\$1500	6/67	0	1050
	9300	Y	\$3400	6/67	0	600
	LARC	Y	\$135,000	5/60	2	X

TOTALS

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, customers ordering a new computer model intended to replace a computer model in the same product line may continue to use much of their current peripheral equipment, which can account for 30-70% of the value of the total computer system.

MONTHLY COMPUTER CENSUS

The number of electronic computers installed or on order at any one time has been increasing rapidly during the past several years. New models have been offered in the computer market, and familiar machines have gone out-of-production and subsequently been retired from active use and dismantled. Some new computers have been received with open arms by users — others have been given the cold shoulder.

To aid our readers in keeping up with this rapidly changing profile of computer use, COMPUTERS AND AUTOMATION presents this monthly report on the number of general purpose electronic digital computers made by U.S.-based companies which are installed or on order as of the preceding month. These census figures include installations and orders outside the United States. The figures are compiled and updated each month by the International

Data Corporation, Newton, Mass., a market research firm specializing in the computer industry. We hope they will serve as a useful "box-score" of progress for readers interested in following the growth of the American Computer Industry and of the computing power it builds.

In general, manufacturers in the computer field do not officially release installation and on order figures. The figures in this census are developed through a continuing market survey conducted by the International Data Corporation. This market research program compiles and maintains a worldwide computer installation locator file which identifies, by customer, the installation sites of electronic computers. The resulting census counts are submitted to the individual computer manufacturers for their review and voluntary confirmation.

AS OF JUNE 10, 1967

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	
Autonetics	RECOMP II	Y	\$2495	11/58	30	X	
	RECOMP III	Y	\$1495	6/61	6	X	
Bunker-Ramo Corp.	BR-130	Y	\$2000	10/61	160	X	
	BR-133	Y	\$2400	5/64	42	26	
	BR-230	Y	\$2680	8/63	15	X	
	BR-300	Y	\$3000	3/59	33	X	
	BR-330	Y	\$4000	12/60	28	X	
	BR-340	Y	\$7000	12/63	20	X	
Burroughs	205	N	\$4600	1/54	38	X	
	220	N	\$14,000	10/58	31	X	
	B100	Y	\$2800	8/64	194	13	
	B200 Series	Y	\$5400	11/61	608	18	
	B300 Series	Y	\$9000	7/65	290	150	
	B2500	Y	\$5000	2/67	7	45	
	B3500	Y	\$14,000	5/67	2	50	
	B5500	Y	\$22,000	3/63	70	20	
	B6500	Y	\$33,000	2/68	0	6	
	B8500	Y	\$200,000	8/67	0	4	
Control Data Corporation	G-15	N	\$1600	7/55	273	X	
	G-20	Y	\$15,500	4/61	25	X	
	LGP-21	Y	\$725	12/62	160	X	
	LGP-30	semi	\$1300	9/56	132	X	
	RPC-4000	Y	\$1875	1/61	63	X	
	160*/160A/160G	Y	\$2100/\$5000/\$12,000	5/60;7/61;3/64	462	X	
	924/924A	Y	\$11,000	8/61	28	X	
	1604/1604A	Y	\$45,000	1/60	58	X	
	1700	Y	\$3500	5/66	85	185	
	3100/3150	Y	\$10,000	12/64	115	30	
	3200	Y	\$14,000	5/64	66	X	
	3300	Y	\$19,500	9/65	75	50	
	3400	Y	\$18,000	11/64	19	X	
	3600	Y	\$48,000	6/63	45	X	
	3800	Y	\$49,300	2/66	21	10	
6400/6500	Y	\$52,000	5/66	16	22		
6600	Y	\$117,000	8/64	26	17		
6800	Y	\$130,000	6/67	0	2		
Data Machines, Inc.	620	Y	\$900	11/65	62	10	
	620I	Y	\$500	5/67	3	44	
Digital Equipment Corp.	PDP-1	Y	\$3400	11/60	59	X	
	PDP-4	Y	\$1700	8/62	55	X	
	PDP-5	Y	\$900	9/63	114	X	
	PDP-6	Y	\$10,000	10/64	22	X	
	PDP-7	Y	\$1300	11/64	165	20	
	PDP-8	Y	\$525	4/65	795	130	
	PDP-9	Y	\$1000	12/66	24	70	
	PDP-10	Y	\$7500	7/67	0	16	
	8400	Y	\$12,000	6/65	18	9	
	Electronic Associates, Inc. EMR Computer Div.	ASI 210	Y	\$3850	4/62	26	X
ASI 2100		Y	\$4200	12/63	7	X	
ADVANCE 6020		Y	\$4400	4/65	15	12	
ADVANCE 6040		Y	\$5600	7/65	9	12	
ADVANCE 6050		Y	\$9000	2/66	11	12	
ADVANCE 6070		Y	\$15,000	10/65	7	8	
ADVANCE 6130		Y	\$1000	2/67	18	24	
General Electric	115	Y	\$1800	12/65	380	650	
	205	Y	\$2900	6/64	42	X	
	210	Y	\$16,000	7/59	45	X	
	215	Y	\$6000	9/63	54	X	
	225	Y	\$8000	4/61	202	X	
	235	Y	\$10,900	4/64	85	10	
	415	Y	\$9600	5/64	275	70	
	425	Y	\$18,000	6/64	98	46	
	435	Y	\$25,000	9/65	32	16	
	625	Y	\$50,000	4/65	25	17	
	635	Y	\$56,000	5/65	24	16	
	645	Y	\$90,000	7/66	2	7	
	Honeywell	DDP-24	Y	\$2500	5/63	86	X
		DDP-116	Y	\$900	4/65	170	42
DDP-124		Y	\$2050	3/66	36	34	
DDP-224		Y	\$3300	3/65	52	8	
DDP-516		Y	\$700	9/66	47	155	
H-120		Y	\$3900	1/66	540	240	
H-200		Y	\$8400	3/64	1110	92	
H-400		Y	\$8500	12/61	99	X	
H-800		Y	\$28,000	12/60	90	X	
H-1200		Y	\$3800	2/66	128	91	
H-1400		Y	\$14,000	1/64	12	X	
H-1800		Y	\$42,000	1/64	20	1	

NAME OF MANUFACTURER	NAME OF COMPUTER	SOLID STATE?	AVERAGE MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	NUMBER OF UNFILED ORDERS	
Honeywell (cont'd)	H-2200	Y	\$12,000	1/66	44	62	
	H-4200	Y	\$20,500	6/67	0	12	
	H-8200	Y	\$35,000	4/68	0	6	
IBM	305	N	\$3600	12/57	118	X	
	360/20	Y	\$2000	12/65	3600	6600	
	360/30	Y	\$7500	5/65	4400	4200	
	360/40	Y	\$15,000	4/65	2350	1800	
	360/44	Y	\$10,000	7/66	70	190	
	360/50	Y	\$26,000	8/65	410	880	
	360/65	Y	\$50,000	11/65	100	300	
	360/67	Y	\$75,000	10/66	10	51	
	360/75	Y	\$78,000	2/66	24	39	
	360/90 Series	Y	\$140,000	6/67	0	19	
	650	N	\$4800	11/54	148	X	
	1130	Y	\$1200	2/66	1700	4800	
	1401	Y	\$6600	9/60	7650	X	
	1401-G	Y	\$2300	5/64	1610	X	
	1401-H	Y	\$1300	5/67	12	85	
	1410	Y	\$14,200	11/61	822	44	
	1440	Y	\$4800	4/63	3600	175	
	1460	Y	\$11,500	10/63	1695	X	
	1620 I, II	Y	\$4000	9/60	1670	80	
	1800	Y	\$7600	1/66	220	350	
	701	N	\$5000	4/53	1	X	
	7010	Y	\$22,600	10/63	220	4	
	702	N	\$6900	2/55	7	X	
	7030	Y	\$160,000	5/61	6	X	
	704	N	\$32,000	12/55	27	X	
	7040	Y	\$22,000	6/63	122	4	
	7044	Y	\$32,000	6/63	133	8	
	705	N	\$38,000	11/55	46	X	
	7070, 2, 4	Y	\$27,000	3/60	313	X	
	7080	Y	\$55,000	8/61	85	X	
709	N	\$40,000	8/58	8	X		
7090	Y	\$63,500	11/59	37	X		
7094	Y	\$72,500	9/62	105	X		
7094 II	Y	\$78,500	4/64	144	2		
National Cash Register Co.	NCR-304	Y	\$14,000	1/60	24	X	
	NCR-310	Y	\$2500	5/61	14	X	
	NCR-315	Y	\$8500	5/62	512	115	
	NCR-315-RMC	Y	\$12,000	9/65	52	41	
	NCR-390	Y	\$1850	5/61	300	12	
	NCR-500	Y	\$1500	10/65	1370	780	
Philco	1000	Y	\$7010	6/63	16	X	
	2000-210, 211	Y	\$40,000	10/58	16	X	
	2000-212	Y	\$52,000	1/63	12	X	
Radio Corporation of America	RCA 301	Y	\$7000	2/61	635	X	
	RCA 3301	Y	\$17,000	7/64	75	X	
	RCA 501	Y	\$14,000	6/59	96	X	
	RCA 601	Y	\$35,000	11/62	3	X	
	Spectra 70/15	Y	\$4100	9/65	120	120	
	Spectra 70/25	Y	\$6700	9/65	70	58	
	Spectra 70/35	Y	\$10,400	1/67	33	140	
	Spectra 70/45	Y	\$17,400	11/65	67	105	
	Spectra 70/55	Y	\$40,500	11/66	5	14	
	Raytheon	250	Y	\$1200	12/60	175	X
440		Y	\$3500	3/64	20	0	
520		Y	\$3200	10/65	27	1	
Scientific Control Corporation	650	Y	\$500	5/66	15	13	
	655	Y	\$1800	10/66	1	2	
	660	Y	\$2000	10/65	2	1	
	670	Y	\$2600	5/66	1	2	
	6700	Y	\$30,000	10/67	0	1	
Scientific Data Systems, Inc.	SDS-92	Y	\$1500	4/65	110	65	
	SDS-910	Y	\$2000	8/62	210	40	
	SDS-920	Y	\$2900	9/62	170	30	
	SDS-925	Y	\$3000	12/64	45	30	
	SDS-930	Y	\$3400	6/64	220	45	
	SDS-940	Y	\$10,000	4/66	21	30	
	SDS-9300	Y	\$7000	11/64	32	10	
	Sigma 2	Y	\$1000	12/66	17	200	
	Sigma 5	Y	\$6000	8/67	0	28	
	Sigma 7	Y	\$12,000	12/66	7	25	
Systems Engineering Labs	810	Y	\$1000	9/65	24	X	
	810A	Y	\$900	8/66	26	17	
	840	Y	\$1400	11/65	4	X	
	840A	Y	\$1400	8/66	11	22	
	UNIVAC	I & II	N	\$25,000	3/51 & 11/57	23	X
III		Y	\$20,000	8/62	67	X	
File Computers		N	\$15,000	8/56	13	X	
Solid-State 80 I, II, 90 I, II & Step		Y	\$8000	8/58	222	X	
418		Y	\$11,000	6/63	118	33	
490 Series		Y	\$35,000	12/61	160	58	
1004		Y	\$1900	2/63	3195	40	
1005		Y	\$2400	4/66	740	200	
1050		Y	\$8000	9/63	285	16	
1100 Series (except 1107 & 1108)		N	\$35,000	12/50	9	X	
1107		Y	\$55,000	10/62	33	X	
1108		Y	\$65,000	9/65	58	75	
9200		Y	\$1500	6/67	2	1100	
9300		Y	\$3400	7/67	0	650	
LARC		Y	\$135,000	5/60	2	X	
TOTALS					49,299	26,340	

X = no longer in production.

* To avoid double counting, note that the Control Data 160 serves as the central processor of the NCR 310. Also, customers ordering a new computer model intended to replace a computer model in the same product line may continue to use much of their current peripheral equipment, which can account for 30-70% of the value of the total computer system.

MONTHLY COMPUTER CENSUS

The number of electronic computer systems installed or on order changes rapidly. The following is a summary made by "Computers and Automation" of reports and estimates of the number of general purpose electronic digital computers manufactured by companies based in the United States. These figures include installations and unfilled orders inside and outside of the United States. These figures are mailed to the individual computer manufacturers from time to time for their information and review and for any updating or comments they may care to make. Our readers are also invited to submit information that would help make these figures as accurate and complete as possible.

From the start of our magazine in 1951, our policy has been to publish "factual, useful, and understandable" information -- with emphasis on "factual". It has become increasingly difficult to substantiate the research performed by "Computers and Automation" to confirm

figures we desire to publish in our Monthly Computer Census. As soon as we have the necessary cooperation from certain manufacturers, we hope to return to publishing additional data on computer installations by type of computer.

The following abbreviations apply:

- (R) - figures derived in part from information released directly or indirectly by the manufacturer or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures, and refuses to comment in any way on the figures stated here beyond saying that they are not correct
- X - no longer in production
- C - figure is combined in a total -- see below
- E - figure estimated by "Computers and Automation"

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MANUFACTURER'S TOTAL INSTALLATIONS	NUMBER OF UNFILLED ORDERS	MANUFACTURER'S TOTAL ORDERS
Autonetics (R)	RECOMP II	11/58	30		X	
	RECOMP III	6/61	6	36	X	0
Bunker-Ramo Corp. (R)	BR-130	10/61	160		X	
	BR-133	5/64	62		X	
	BR-230	8/63	15		X	
	BR-300	3/59	18		X	
	BR-330	12/60	23		X	
	BR-340	12/63	19	297	X	X
Burroughs (R)	205	1/54	38		X	
	220	10/58	31		X	
	B200 Series, B100	11/61	790		31	
	B300 Series	7/65	292		150	
	B2500	2/67	7		45	
	B3500	5/67	2		50	
	B5500	3/63	71		19	
	B6500	2/68	0		6	
	B8500	8/67	0	1230 E	4	310 E
	Control Data Corp. (R)	G-15	7/55	285		X
G-20		4/61	23		X	
LGP-21		12/62	159		X	
LGP-30		9/56	322		X	
RPC-4000		1/61	73		X	
046/136/636		-	28		C	
160*/8090 Series		5/60	594		X	
924/924A		8/61	30		X	
1604/A/B		1/60	59		X	
1700		5/66	48		C	
3100/3150		12/64	87		C	
3200/3300		5/64	132		X	
3400		11/64	20		C	
3600/3800		6/63	57		X	
6400/6500/6600		8/64	49		X	
6800	6/67	0	1938 (as of June 30)	C	320 E	
Digital Equipment Corp. (R)	PDP-1	11/60	59		X	
	PDP-4	8/62	55		X	
	PDP-5	9/63	114		X	
	PDP-6	10/64	22		X	
	PDP-7	11/64	165		C	
	PDP-8	4/65	795		C	
	PDP-8S	9/66	300		C	
	PDP-9	12/66	24		C	
	PDP-10	7/67	0	1534	C	600 E
	8400	6/65	21	21	7	7
EMR Computer Div. (R)	AST 210	4/62	26		X	
	AST 2100	12/63	7		X	
	ADVANCE 6020	4/65	14		11	
	ADVANCE 6040	7/65	7		3	
	ADVANCE 6050	2/66	18		8	
	ADVANCE 6070	10/66	7		2	
	ADVANCE 6130	8/67	5		32	56
	84			84		
General Electric (N)	All			1330 E		850 E
Honeywell (R)	DDP-24	5/63	85		X	
	DDP-116	4/65	172		41	
	DDP-124	3/66	38		33	
	DDP-224	3/65	50		8	
	DDP-516	9/66	49		154	
	H-120	1/66	535		242	
	H-200	3/64	1115		87	
	H-400	12/61	120		X	
	H-800	12/60	89		X	
	H-1200	2/66	132		94	
	H-1400	1/64	12		X	
	H-1800	1/64	21		1	
	H-2200	1/66	45		64	
	H-4200	6/67	0		15	
	H-8200	4/68	0	2460 E	5	740 E
IBM (N)	All			31500 E		19500 E
National Cash Register Co. (R)	NCR-304	1/60	24		X	
	NCR-310	5/61	14		X	
	NCR-315	5/62	563		150	
	NCR-315-RMC	9/65	52		50	
	NCR-390	5/61	600		6	
	NCR-500	10/65	1400	2650 E	580	790 E
	1000	6/63	16		X	
Philco (R)	2000-210,211	10/58	16		X	
	2000-212	1/63	12	44	X	X

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MANUFACTURER'S TOTAL INSTALLATIONS	NUMBER OF UNFILLED ORDERS	MANUFACTURER'S TOTAL ORDERS
Radio Corp. of America (R)	RCA 301	2/61	635		X	
	RCA 3301	7/64	75		X	
	RCA 501	6/59	96		X	
	RCA 601	11/62	3		X	
	Spectra 70/15	9/65	122		125	
	Spectra 70/25	9/65	72		57	
	Spectra 70/35	1/67	34		135	
	Spectra 70/45	11/65	68		107	
	Spectra 70/55	11/66	5	1110 E	14	420 E
Raytheon (R)	250	12/60	175		X	
	440	3/64	20		0	
	520	10/65	27		1	
	703	10/67	0	222	20	21
Remington-Rand UNIVAC (R)	I & II	3/51 & 11/57	23		X	
	III	8/62	67		X	
	File Computers	8/56	13		X	
	Solid-State 80 I, II, 90 I, II & Step	8/58	222		X	
	418	6/63	118		33	
	490 Series	12/61	160		58	
	1004	2/63	3195		40	
	1005	4/66	740		200	
	1050	9/63	285		16	
	1100 Series (except 1107 & 1108)	12/50	9		X	
	1107	10/62	33		X	
	1108	9/65	58		75	
	9200	6/67	2		1100	
	9300	7/67	0		650	
	LARC	5/60	2	4930 E	X	2170 E
	Scientific Control Corp. (R)	650	5/66	15		13
655		10/66	1		2	
660		10/65	2		1	
670		5/66	1		2	
6700		10/67	0	19	1	19
Scientific Data Systems (N)	All			830 E		500 E
Systems Engineering Labs (R)	810	9/65	24		X	
	810A	8/66	28		21	
	840	11/65	4		X	
	840A	8/66	14		25	
	840 MP	-	0	70	5	51
Varian Data Machines (R)	620	11/65	70		5	
	620I	6/67	8	78	67	72
TOTALS				50,400 E		26,400 E

MONTHLY COMPUTER CENSUS

The number of electronic computer systems installed or on order changes rapidly. The following is a summary made by "Computers and Automation" of reports and estimates of the number of general purpose electronic digital computers manufactured by companies based in the United States. These figures include installations and unfilled orders inside and outside of the United States.

These figures are mailed to the individual computer manufacturers from time to time for their information and review and for any updating or comments they may care to make.

Our readers are also invited to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (R) - figures derived all or in part from information released directly or indirectly by the manufacturer, or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- X - no longer in production
- C - figure is combined in a total (see adjacent column)
- E - figure estimated by "Computers and Automation"
- ? - information not received at press time

AS OF OCTOBER 15, 1967

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTAL-LATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL ORDERS
Autonetics (R)	RECOMP II	\$2495	11/58	30		X	
	RECOMP III	\$1495	6/61	6	36	X	0
Bunker-Ramo Corp. (R)	BR-130	\$2000	10/61	160		X	
	BR-133	\$2400	5/64	62		X	
	BR-230	\$2680	8/63	15		X	
	BR-300	\$3000	3/59	18		X	
	BR-330	\$4000	12/60	23		X	
	BR-340	\$7000	12/63	19	297	X	X
Burroughs (R)	205	\$4600	1/54	38		X	
	220	\$14,000	10/58	31		X	
	B200 Series, B100	\$5400	11/61	790		31	
	B300 Series	\$9000	7/65	292		150	
	B2500	\$5000	2/67	7		45	
	B3500	\$14,000	5/67	2		50	
	B5500	\$22,000	3/63	71		19	
	B6500	\$33,000	2/68	0		6	
	B8500	\$200,000	8/67	0	1230 E	3	310 E
Control Data Corp. (R)	G-15	\$1600	7/55	285		X	
	G-20	\$15,500	4/61	23		X	
	LGP-21	\$725	12/62	159		X	
	LGP-30	\$1300	9/56	322		X	
	RPC-4000	\$1875	1/61	73		X	
	046/136/636	?	-	28		C	
	160*/8090 Series	\$2100-\$12,000	5/60	594		X	
	924/924A	\$11,000	8/61	30		X	
	1604/A/B	\$45,000	1/60	59		X	
	1700	\$3500	5/66	48		C	
	3100/3150	\$10,000	12/64	87		C	
	3200/3300	\$16,250	5/64	132		X	
	3400	\$18,000	11/64	20		C	
	3600/3800	\$48,750	6/63	57		X	
	6400/6500/6600	\$52,000-\$117,000	8/64	49		(as of June 30)	
	6800	\$130,000	6/67	0	1938	X	320 E
Digital Equipment Corp. (R)	PDP-1	\$3400	11/60	59		X	
	PDP-4	\$1700	8/62	55		X	
	PDP-5	\$900	9/63	114		X	
	PDP-6	\$10,000	10/64	22		X	
	PDP-7	\$1300	11/64	165		C	
	PDP-8	\$525	4/65	1010		C	
	PDP-8S	\$300	9/66	520		C	
	PDP-9	\$1000	12/66	57		C	
	PDP-10	\$7500	7/67	0	2002	C	400 E
Electronic Assoc., Inc. (R)	640	?	8/67	5		28	
	8400	\$12,000	6/65	21	26	7	35
EMR Computer Div. (R)	ASI 210	\$3850	4/62	26		X	
	ASI 2100	\$4200	12/63	7		X	
	ADVANCE 6020	\$4400	4/65	14		11	
	ADVANCE 6040	\$5600	7/65	7		3	
	ADVANCE 6050	\$9000	2/66	18		8	
	ADVANCE 6070	\$15,000	10/66	7		2	
	ADVANCE 6130	\$1000	8/67	5	84	36	60
General Electric (N)	115	\$1340-\$4800	12/65	400 E		600 E	
	205	\$2500-\$10,000	6/64	C		X	
	210	\$16,000-\$22,000	7/59	C		X	
	215	\$2500-\$10,000	9/63	200 E		X	
	225	\$2500-\$26,000	4/61	C		X	
	235	\$6000-\$28,000	4/64	C		C	
	405	\$5120-\$10,000	11/67	C		C	
	415	\$4800-\$13,500	5/64	300 E		70 E	
	425	\$6000-\$20,000	6/64	C		C	
	435	\$8000-\$25,000	9/65	C		C	
	625	\$31,000-\$135,000	4/65	C		C	
	635	\$35,000-\$165,000	5/65	C		C	
	645	\$40,000-\$250,000	7/66	C	1330 E	C	850 E
Hewlett-Packard (R)	2116A	\$600	11/66	56		C	
	2115A	\$412	2/68	0	56	C	20 E
Honeywell (R)	DDP-24	\$2500	5/63	85		X	
	DDP-116	\$900	4/65	172		41	
	DDP-124	\$2050	3/66	38		33	
	DDP-224	\$3300	3/65	50		8	
	DDP-516	\$700	9/66	49		154	
	H-120	\$3900	1/66	535		242	
	H-200	\$8400	3/64	1115		87	
	H-400	\$8500	12/61	120		X	
	H-800	\$28,000	12/60	89		X	
	H-1200	\$3800	2/66	132		94	
	H-1400	\$14,000	1/64	12		X	
	H-1800	\$42,000	1/64	21		1	
	H-2200	\$12,000	1/66	45		64	
	H-4200	\$20,500	6/67	0		15	
	H-8200	\$35,000	4/68	0	2460 E	5	740 E

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL ORDERS	
IBM (N)	305	\$3600	12/57	C		X		
	360/20	\$2000	12/65	4000 E		6000 E		
	360/30	\$7500	5/65	5000 E		4000 E		
	360/40	\$15,000	4/65	3000 E		2000 E		
	360/44	\$10,000	7/66	C		C		
	360/50	\$26,000	8/65	C		C		
	360/65	\$50,000	11/65	C		C		
	360/67	\$75,000	10/66	C		C		
	360/75	\$78,000	2/66	C		C		
	360/90 Series	\$140,000	10/67	C		C		
	650	\$4800	11/54	C		X		
	1130	\$1200	2/66	1900 E		4500 E		
	1401	\$6600	9/60	7650 E		X		
	1401-G	\$2300	5/64	C		X		
	1401-H	\$1300	5/67	C		C		
	1410	\$14,200	11/61	C		C		
	1440	\$4800	4/63	3600 E		C		
	1460	\$11,500	10/63	C		X		
	1620 I, II	\$4000	9/60	C		C		
	1800	\$7600	1/66	C		C		
	701	\$5000	4/53	C		X		
	7010	\$22,600	10/63	C		C		
	702	\$6900	2/55	C		X		
	7030	\$160,000	5/61	C		X		
	704	\$32,000	12/55	C		X		
	7040	\$22,000	6/63	C		C		
	7044	\$32,000	6/63	C		C		
	705	\$38,000	11/55	C		X		
	7070, 2,4	\$27,000	3/60	C		X		
	7080	\$55,000	8/61	C		X		
709	\$40,000	8/58	C		X			
7090	\$63,500	11/59	C		X			
7094	\$72,500	9/62	C		X			
7094 II	\$78,500	4/64	C		C	19,500 E		
National Cash Register Co. (R)	NCR-304	\$14,000	1/60	24		X		
	NCR-310	\$2500	5/61	14		X		
	NCR-315	\$8500	5/62	563		150		
	NCR-315-RMC	\$12,000	9/65	52		50		
	NCR-390	\$1850	5/61	600		6		
	NCR-500	\$1500	10/65	1400	2650 E	580	790 E	
Philco (R)	1000	\$7010	6/63	16		X		
	2000-210,211	\$40,000	10/58	16		X		
	2000-212	\$52,000	1/63	12	44	X	X	
Radio Corp. of America (R)	RCA 301	\$7000	2/61	635		C		
	RCA 3301	\$17,000	7/64	75		C		
	RCA 501	\$14,000	6/59	96		X		
	RCA 601	\$35,000	11/62	3		X		
	Spectra 70/15	\$4500	9/65	122		125		
	Spectra 70/25	\$6500	9/65	72		57		
	Spectra 70/35	\$10,400	1/67	34		135		
	Spectra 70/45	\$22,000	11/65	68		107		
	Spectra 70/46	\$34,400	-	0		C		
	Spectra 70/55	\$34,300	11/66	5	1110 E	14	420 E	
	Raytheon (R)	250	\$1200	12/60	175		X	
440		\$3500	3/64	20		X		
520		\$3200	10/65	27		0		
703		?	10/67	2	224	20	20	
I & II		\$25,000	3/51 & 11/57	23		X		
Remington-Rand UNIVAC (R)	III	\$20,000	8/62	67		X		
	File Computers	\$15,000	8/56	13		X		
	Solid-State 80 I, II, 90, I, II & Step	\$8000	8/58	222		X		
	418	\$11,000	6/63	118		33		
	490 Series	\$35,000	12/61	160		58		
	1004	\$1900	2/63	3195		40		
	1005	\$2400	4/66	740		200		
	1050	\$8000	9/63	285		16		
	1100 Series (except 1107 & 1108)	\$35,000	12/50	9		X		
	1107	\$55,000	10/62	33		X		
	1108	\$65,000	9/65	58		75		
	9200	\$1500	6/67	2		1100		
	9300	\$3400	7/67	0		650		
	LARC	\$135,000	5/60	2	4930 E	X	2170 E	
	Scientific Control Corp. (R)	650	\$500	5/66	20		33	
		655	\$1800	10/66	2		12	
		660	\$2000	10/65	2		2	
670		\$2600	5/66	1		1		
6700		\$30,000	10/67	0	25	1	49	
Scientific Data Syst., Inc. (N)		SDS-92	\$1500	4/65	100 E		30	
SDS-910	\$2000	8/62	200 E		30			
SDS-920	\$2900	9/62	200 E		20			
SDS-925	\$3000	12/64	C		C			
SDS-930	\$3400	6/64	200 E		40			
SDS-940	\$10,000	4/66	C		C			
SDS-9300	\$7000	11/64	C		C			
Sigma 2	\$1000	12/66	30		200			
Sigma 5	\$6000	8/67	C		C			
Sigma 7	\$12,000	12/66	C	830 E	C	500 E		
Standard Computer Corp. (N)	IC6000	\$10,000-\$22,000	5/67	6	6	10 E	10 E	
Systems Engineering Labs (R)	810	\$1000	9/65	24		X		
	810A	\$900	8/66	29		23		
	810B	?	-	0		5		
	840	\$1400	11/65	4		X		
	840A	\$1400	8/66	14		25		
	840 MP	?	-	0	71	5	58	
Varian Data Machines (R)	620	\$900	11/65	75		0		
	6201	\$500	6/67	22		80	80	

TOTALS

50,946

26,332

MONTHLY COMPUTER CENSUS

The number of electronic computer systems installed or on order changes rapidly. The following is a summary made by "Computers and Automation" of reports and estimates of the number of general purpose electronic digital computers manufactured by companies based in the United States. These figures include installations and unfilled orders inside and outside of the United States.

These figures are mailed to the individual computer manufacturers from time to time for their information and review and for any updating or comments they may care to make.

Our readers are also invited to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (R) - figures derived all or in part from information released directly or indirectly by the manufacturer, or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- X - no longer in production
- C - figure is combined in a total (see adjacent column)
- E - figure estimated by "Computers and Automation"
- ? - information not received at press time

AS OF NOVEMBER 15, 1967

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL ORDERS	
Autonetics (R)	RECOMP II	\$2495	11/58	30		X		
	RECOMP III	\$1495	6/61	6	36	X	0	
Bunker-Ramo Corp. (R)	BR-130	\$2000	10/61	160		X		
	BR-133	\$2400	5/64	62		X		
	BR-230	\$2680	8/63	15		X		
	BR-300	\$3000	3/59	18		X		
	BR-330	\$4000	12/60	23		X		
	BR-340	\$7000	12/63	19	297	X	X	
Burroughs (R)	205	\$4600	1/54	38		X		
	220	\$14,000	10/58	31		X		
	B200 Series, B100	\$5400	11/61	790		31		
	B300 Series	\$9000	7/65	300		150		
	B2500	\$5000	2/67	7		45		
	B3500	\$14,000	5/67	2		50		
	B5500	\$22,000	3/63	71		19		
	B6500	\$33,000	2/68	0		6		
	B8500	\$200,000	8/67	0	1240 E	3	310 E	
	Control Data Corp. (R)	G-15	\$1600	7/55	285		X	
G-20		\$15,500	4/61	23		X		
LGP-21		\$725	12/62	159		X		
LGP-30		\$1300	9/56	322		X		
RPC-4000		\$1875	1/61	73		X		
046/136/636		?	-	28		C		
160*/8090 Series		\$2100-\$12,000	5/60	594		X		
924/924A		\$11,000	8/61	30		X		
1604/A/B		\$45,000	1/60	59		X		
1700		\$3500	5/66	48		C		
3100/3150		\$10,000	12/64	87		C		
3200/3300		\$16,250	5/64	132		X		
3400		\$18,000	11/64	20		C		
3600/3800		\$48,750	6/63	57		X		
6400/6500/6600		\$52,000-\$117,000	8/64	49		X		
6800	\$130,000	6/67	0	1938 (as of June 30)	C	320 E		
Digital Equipment Corp. (R)	PDP-1	\$3400	11/60	59		X		
	PDP-4	\$1700	8/62	55		X		
	PDP-5	\$900	9/63	114		X		
	PDP-6	\$10,000	10/64	22		X		
	PDP-7	\$1300	11/64	165		C		
	PDP-8	\$525	4/65	1010		C		
	PDP-8S	\$300	9/66	520		C		
	PDP-9	\$1000	12/66	57		C		
	PDP-10	\$7500	7/67	0	2002	C	400 E	
	Electronic Assoc., Inc. (R)	640	\$1200	4/67	13		23	
8400		\$12,000	7/65	19	32	4	27	
EMR Computer Div. (R)	ASI 210	\$3850	4/62	26		X		
	ASI 2100	\$4200	12/63	7		X		
	ADVANCE 6020	\$4400	4/65	14		11		
	ADVANCE 6040	\$5600	7/65	7		3		
	ADVANCE 6050	\$9000	2/66	18		8		
	ADVANCE 6070	\$15,000	10/66	7		2		
	ADVANCE 6130	\$1000	8/67	5	84	36	60	
General Electric (N)	115	\$1340-\$4800	12/65	400 E		600 E		
	205	\$2500-\$10,000	6/64	C		X		
	210	\$16,000-\$22,000	7/59	C		X		
	215	\$2500-\$10,000	9/63	200 E		X		
	225	\$2500-\$26,000	4/61	C		X		
	235	\$6000-\$28,000	4/64	C		C		
	405	\$5120-\$10,000	11/67	C		C		
	415	\$4800-\$13,500	5/64	300 E		70 E		
	425	\$6000-\$20,000	6/64	C		C		
	435	\$8000-\$25,000	9/65	C		C		
	625	\$31,000-\$135,000	4/65	C		C		
	635	\$35,000-\$167,000	5/65	C		C		
	645	\$40,000-\$250,000	7/66	C	1330 E	C	850 E	
	Hewlett-Packard (R)	2116A	\$600	11/66	56		C	
		2115A	\$412	2/68	0	56	C	20 E
Honeywell (R)	DDP-24	\$2500	5/63	85		X		
	DDP-116	\$900	4/65	172		41		
	DDP-124	\$2050	3/66	38		33		
	DDP-224	\$3300	3/65	50		8		
	DDP-516	\$700	9/66	49		154		
	H-120	\$3900	1/66	535		242		
	H-200	\$8400	3/64	1115		87		
	H-400	\$8500	12/61	120		X		
	H-800	\$28,000	12/60	89		X		
	H-1200	\$3800	2/66	132		94		
	H-1400	\$14,000	1/64	12		X		
	H-1800	\$42,000	1/64	21		1		
	H-2200	\$12,000	1/66	45		64		
	H-4200	\$20,500	6/67	0		15		
	H-8200	\$35,000	4/68	0	2460 E	5	740 E	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL ORDERS
IBM (N)	305	\$3600	12/57	C		X	
	360/20	\$3000	12/65	4000 E		6000 E	
	360/30	\$9340	5/65	5000 E		4000 E	
	360/40	\$19,550	4/65	3000 E		2000 E	
	360/44	\$12,180	7/66	C		C	
	360/50	\$32,960	8/65	C		C	
	360/65	\$56,650	11/65	C		C	
	360/67	\$138,000	10/66	C		C	
	360/75	\$81,400	2/66	C		C	
	360/90 Series	-	10/67	C		C	
	650	\$4800	11/54	C		X	
	1130	\$1545	2/66	1900 E		4500 E	
	1401	\$6480	9/60	7650 E		X	
	1401-G	\$2300	5/64	C		X	
	1401-H	\$1300	5/67	C		C	
	1410	\$17,000	11/61	C		C	
	1440	\$4300	4/63	3600 E		C	
	1460	\$10,925	10/63	C		X	
	1620 I, II	\$4000	9/60	C		C	
	1800	\$4800	1/66	C		C	
	701	\$5000	4/53	C		X	
	7010	\$26,000	10/63	C		C	
	702	\$6900	2/55	C		X	
	7030	\$160,000	5/61	C		X	
	704	\$32,000	12/55	C		X	
	7040	\$25,000	6/63	C		C	
	7044	\$36,500	6/63	C		C	
	705	\$38,000	11/55	C		X	
	7070, 2, 4	\$27,000	3/60	C		X	
	7080	\$60,000	8/61	C		X	
	709	\$40,000	8/58	C		X	
	7090	\$63,500	11/59	C		X	
	7094	\$75,500	9/62	C		X	
	7094 II	\$82,500	4/64	C		31,500 E	19,500 E
	Interdata (R)	Model 2	\$200-\$300	-	0		3
Model 3		\$300-\$500	3/67	24		75	
Model 4		\$400-\$800	-	0	24	5	83
National Cash Register Co. (R)	NCR-304	\$14,000	1/60	24		X	
	NCR-310	\$2500	5/61	14		X	
	NCR-315	\$8500	5/62	563		150	
	NCR-315-RMC	\$12,000	9/65	52		50	
	NCR-390	\$1850	5/61	600		6	
	NCR-500	\$1500	10/65	1400	2650 E	580	790 E
Pacific Data Systems Inc. (R)	PDS 1020	\$550-\$900	2/64	130	130	20	20
	1000	\$7010	6/63	16		X	
Philco (R)	2000-210, 211	\$40,000	10/58	16		X	
	2000-212	\$52,000	1/63	12	44	X	X
Radio Corp. of America (R)	RCA 301	\$7000	2/61	635		C	
	RCA 3301	\$17,000	7/64	75		C	
	RCA 501	\$14,000	6/59	96		X	
	RCA 601	\$35,000	11/62	3		X	
	Spectra 70/15	\$4500	9/65	122		125	
	Spectra 70/25	\$6500	9/65	72		57	
	Spectra 70/35	\$10,400	1/67	34		135	
	Spectra 70/45	\$22,000	11/65	68		107	
	Spectra 70/46	\$34,400	-	0		C	
	Spectra 70/55	\$34,300	11/66	5	1110 E	14	420 E
Raytheon (R)	250	\$1200	12/60	175		X	
	440	\$3500	3/64	20		X	
	520	\$3200	10/65	27		0	
	703	sale only	10/67	7	229	22	22
Scientific Control Corp. (R)	650	\$500	5/66	28		0	
	655	\$1800	10/66	3		19	
	660	\$2000	10/65	4		0	
	670	\$2600	5/66	1		0	
	6700	\$30,000	10/67	0	36	1	19
Scientific Data Syst., Inc. (N)	SDS-92	\$1500	4/65	100 E		30	
	SDS-910	\$2000	8/62	200 E		30	
	SDS-920	\$2900	9/62	200 E		20	
	SDS-925	\$3000	12/64	C		C	
	SDS-930	\$3400	6/64	200 E		40	
	SDS-940	\$10,000	4/66	C		C	
	SDS-9300	\$7000	11/64	C		C	
	Sigma 2	\$1000	12/66	30		200	
	Sigma 5	\$6000	8/67	C		C	
	Sigma 7	\$12,000	12/66	C	830 E	C	500 E
Standard Computer Corp. (N)	IC 6000	\$10,000-\$22,000	5/67	6	6	10 E	10 E
Systems Engineering Labs (R)	810	\$1000	9/65	24		X	
	810A	\$900	8/66	29		23	
	810B	?	-	0		5	
	840	\$1400	11/65	4		X	
	840A	\$1400	8/66	14		25	
	840 MP	?	-	0	71	5	58
UNIVAC (R)	I & II	\$25,000	3/51 & 11/57	23		X	
	III	\$20,000	8/62	67		X	
	File Computers	\$15,000	8/56	13		X	
	Solid-State 80 I, II, 90, I, II & Step	\$8000	8/58	222		X	
	418	\$11,000	6/63	118		33	
	490 Series	\$35,000	12/61	160		58	
	1004	\$1900	2/63	3195		40	
	1005	\$2400	4/66	740		200	
	1050	\$8000	9/63	285		16	
	1100 Series (except 1107 & 1108)	\$35,000	12/50	9		X	
	1107	\$55,000	10/62	33		X	
	1108	\$65,000	9/65	58		75	
	9200	\$1500	6/67	2		1100	
	9300	\$3400	7/67	0		650	
	LARC	\$135,000	5/60	2	4930 E	X	2170 E
	Varian Data Machines (R)	620	\$900	11/65	75		0
620i		\$500	6/67	34	109	267	267
TOTALS —					51,144 E	26,586 E	

MONTHLY COMPUTER CENSUS

The number of electronic computer systems installed or on order changes rapidly. The following is a summary made by "Computers and Automation" of reports and estimates of the number of general purpose electronic digital computers manufactured by companies based in the United States. These figures include installations and unfilled orders inside and outside of the United States.

These figures are mailed to the individual computer manufacturers from time to time for their information and review and for any updating or comments they may care to make.

Our readers are also invited to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (R) - figures derived all or in part from information released directly or indirectly by the manufacturer, or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- X - no longer in production
- C - figure is combined in a total (see adjacent column)
- E - figure estimated by "Computers and Automation"
- ? - information not received at press time

AS OF DECEMBER 15, 1967

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL (S: SALE ONLY)	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL ORDERS
Autonetics (R)	RECOMP II	\$2495	11/58	30		X	
	RECOMP III	\$1495	6/61	6	36	X	0
Bunker-Ramo Corp. (R)	BR-130	\$2000	10/61	160		X	
	BR-133	\$2400	5/64	62		X	
	BR-230	\$2680	8/63	15		X	
	BR-300	\$3000	3/59	18		X	
	BR-330	\$4000	12/60	23		X	
	BR-340	\$7000	12/63	19	297	X	X
Burroughs (R)	205	\$4600	1/54	38		X	
	220	\$14,000	10/58	31		X	
	B200 Series, B100	\$5400	11/61	800		31	
	B300 Series	\$9000	7/65	340		150	
	B2500	\$5000	2/67	20		60	
	B3500	\$14,000	5/67	16		50	
	B5500	\$22,000	3/63	71		19	
	B6500	\$33,000	2/68	0		6	
	B7500	\$44,000	4/69	0		4	
	B8500	\$200,000	8/67	0	1310 E	3	320 E
	Control Data Corp. (R)	G-15	\$1600	7/55	285		X
G-20		\$15,500	4/61	23		X	
LGP-21		\$725	12/62	159		X	
LGP-30		\$1300	9/56	322		X	
RPC-4000		\$1875	1/61	73		X	
046/136/636		?	-	28		C	
160*/8090 Series		\$2100-\$12,000	5/60	594		X	
924/924A		\$11,000	8/61	30		X	
1604/A/B		\$45,000	1/60	59		X	
1700		\$3500	5/66	48		C	
3100/3150		\$10,000	12/64	87		C	
3200/3300		\$16,250	5/64	132		C	
3400		\$18,000	11/64	20		C	
3600/3800		\$48,750	6/63	57		X	
6400/6500/6600		\$52,000-\$117,000	8/64	49		C	
6800	\$130,000	6/67	0	(as of 1938 June 30)	C	320 E	
Digiac Electronics, Inc. (R)	DIGIAC 3080	\$19,500 (S)	12/64	10	10	1	1
Digital Equipment Corp. (R)	PDP-1	\$3400	11/60	59		X	
	PDP-4	\$1700	8/62	55		X	
	PDP-5	\$900	9/63	114		X	
	PDP-6	\$10,000	10/64	22		X	
	PDP-7	\$1300	11/64	165		C	
	PDP-8	\$525	4/65	1050		C	
	PDP-8S	\$300	9/66	549		C	
	PDP-9	\$1000	12/66	80		C	
	PDP-10	\$7500	2/67	2	2096	C	450 E
	Electronic Assoc., Inc. (R)	640	\$1200	4/67	13		23
8400		\$12,000	7/65	19	32	4	27
EMR Computer Div. (R)	ASI 210	\$3850	4/62	26		X	
	ASI 2100	\$4200	12/63	7		X	
	ADVANCE 6020	\$4400	4/65	14		11	
	ADVANCE 6040	\$5600	7/65	7		3	
	ADVANCE 6050	\$9000	2/66	18		8	
	ADVANCE 6070	\$15,000	10/66	7		2	
	ADVANCE 6130	\$1000	8/67	5	84	36	60
General Electric (N)	115	\$1340-\$8000	12/65	500 E		600 E	
	205	\$2500-\$10,000	6/64	C		X	
	210	\$16,000-\$22,000	7/59	C		X	
	215	\$2500-\$10,000	9/63	C		X	
	225	\$2500-\$26,000	4/61	200 E		X	
	235	\$6000-\$28,000	4/64	100 E		C	
	255	\$15,000-\$26,000	10/67	C		C	
	265	\$17,000-\$28,000	7/64	C		C	
	405	\$5120-\$10,000	11/67	C		C	
	415	\$4800-\$13,500	5/64	300 E		70 E	
	420	\$18,000-\$28,000	7/67	C		C	
	425	\$6000-\$20,000	6/64	100 E		C	
	435	\$8000-\$25,000	9/65	C		C	
	625	\$31,000-\$135,000	4/65	C		C	
	635	\$35,000-\$167,000	5/65	C		C	
	645	\$40,000-\$250,000	7/66	C	1490 E	C	850 E
	Hewlett-Packard (R)	2116A	\$600	11/66	64		C
2115A		\$412	11/67	9	73	C	24 E
Honeywell (R)	DDP-24	\$2500	5/63	85		X	
	DDP-116	\$900	4/65	190		30	
	DDP-124	\$2050	3/66	46		33	
	DDP-224	\$3300	3/65	50		8	
	DDP-516	\$700	9/66	70		154	
	H-120	\$3900	1/66	650		240	
	H-200	\$8400	3/64	1130		87	
	H-400	\$8500	12/61	120		X	
	H-800	\$28,000	12/60	89		X	
	H-1200	\$3800	2/66	160		130	
	H-1400	\$14,000	1/64	12		X	
	H-1800	\$42,000	1/64	21		1	
	H-2200	\$12,000	1/66	65		71	
	H-4200	\$20,500	6/67	0		20	
	H-8200	\$35,000	4/68	0	2700 E	5	700 E

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL (S: SALE ONLY)	DATE OF FIRST INSTALLATION	NUMBER OF INSTAL-LATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL ORDERS	
IBM (N)	305	\$3600	12/57	C		X		
	360/20	\$3000	12/65	5000 E		6000 E		
	360/30	\$9340	5/65	5000 E		4000 E		
	360/40	\$19,550	4/65	3000 E		2000 E		
	360/44	\$12,180	7/66	C		C		
	360/50	\$32,960	8/65	C		C		
	360/65	\$56,650	11/65	C		C		
	360/67	\$138,000	10/66	C		C		
	360/75	\$81,400	2/66	C		C		
	360/90 Series	-	10/67	C		C		
	650	\$4800	11/54	C		X		
	1130	\$1545	2/66	2100 E		4500 E		
	1401	\$6480	9/60	7650 E		X		
	1401-G	\$2300	5/64	C		X		
	1401-H	\$1300	6/67	C		C		
	1410	\$17,000	11/61	C		C		
	1440	\$4300	4/63	3600 E		C		
	1460	\$10,925	10/63	1400 E		X		
	1620 I, II	\$4000	9/60	1500 E		C		
	1800	\$4800	1/66	C		C		
	701	\$5000	4/53	C		X		
	7010	\$26,000	10/63	C		C		
	702	\$6900	2/55	C		X		
	7030	\$160,000	5/61	C		X		
	704	\$32,000	12/55	C		X		
	7040	\$25,000	6/63	C		C		
	7044	\$36,500	6/63	C		C		
	705	\$38,000	11/55	C		X		
	7070, 2, 4	\$27,000	3/60	C		X		
	7080	\$60,000	8/61	C		X		
	709	\$40,000	8/58	C		X		
	7090	\$63,500	11/59	C		X		
	7094	\$75,500	9/62	C		X		
7094 II	\$82,500	4/64	C	36,000 E	C	18,000 E		
Interdata (R)	Model 2	\$200-\$300	-	0		3		
	Model 3	\$300-\$500	3/67	24		75		
	Model 4	\$400-\$800	-	0	24	5	83	
National Cash Register Co. (R)	NCR-304	\$14,000	1/60	24		X		
	NCR-310	\$2500	5/61	14		X		
	NCR-315	\$8500	5/62	575		150		
	NCR-315-RMC	\$12,000	9/65	65		50		
	NCR-390	\$1850	5/61	600		6		
	NCR-500	\$1500	10/65	1436	2710 E	580	790 E	
Pacific Data Systems Inc. (R)	PDS 1020	\$550-\$900	2/64	135	135	20	20	
	1000	\$7010	6/63	16		X		
Philco (R)	2000-210, 211	\$40,000	10/58	16		X		
	2000-212	\$52,000	1/63	12	44	X	X	
Radio Corp. of America (R)	RCA 301	\$7000	2/61	635		C		
	RCA 3301	\$17,000	7/64	75		C		
	RCA 501	\$14,000	6/59	96		X		
	RCA 601	\$35,000	11/62	3		X		
	Spectra 70/15	\$4500	9/65	160		125		
	Spectra 70/25	\$6500	9/65	85		57		
	Spectra 70/35	\$10,400	1/67	52		135		
	Spectra 70/45	\$22,000	11/65	80		107		
	Spectra 70/46	\$34,400	-	0		C		
	Spectra 70/55	\$34,300	11/66	5	1190 E	14	420 E	
Raytheon (R)	250	\$1200	12/60	175		X		
	440	\$3500	3/64	20		X		
	520	\$3200	10/65	27		0		
	703	S	10/67	7	229	22	22	
Scientific Control Corp. (R)	650	\$500	5/66	23		1		
	655	\$1800	10/66	3		19		
	660	\$2000	10/65	4		0		
	670	\$2600	5/66	1		0		
	6700	\$30,000	10/67	0	31	1	21	
Scientific Data Syst., Inc. (N)	SDS-92	\$1500	4/65	100 E		20		
	SDS-910	\$2000	8/62	200 E		30		
	SDS-920	\$2900	9/62	200 E		20		
	SDS-925	\$3000	12/64	C		C		
	SDS-930	\$3400	6/64	200 E		30		
	SDS-940	\$10,000	4/66	C		C		
	SDS-9300	\$7000	11/64	C		C		
	Sigma 2	\$1000	12/66	30		160		
	Sigma 3	\$6000	8/67	C		C		
	Sigma 7	\$12,000	12/66	C	920 E	C	360 E	
Standard Computer Corp. (N)	IC 6000	\$10,000-\$22,000	5/67	6	6	10 E	10 E	
Systems Engineering Labs (R)	SEL 810	\$1000	9/65	24		X		
	SEL 810A	\$900	8/66	30		26		
	SEL 810B	?	-	0		7		
	SEL 840	\$1400	11/65	4		X		
	SEL 840A	\$1400	8/66	16		26		
	SEL 840 MP	?	-	0	74	6	65	
UNIVAC, Div. of Sperry Rand (R)	I & II	\$25,000	3/51 & 11/57	23		X		
	III	\$20,000	8/62	67		X		
	File Computers	\$15,000	8/56	13		X		
	Solid-State 80 I, II, 90, I, II & Step	\$8000	8/58	222		X		
	418	\$11,000	6/63	118		33		
	490 Series	\$35,000	12/61	160		50		
	1004	\$1900	2/63	3200		20		
	1005	\$2400	4/66	900		160		
	1050	\$8000	9/63	285		16		
	1100 Series (except 1107 & 1108)	\$35,000	12/50	9		X		
	1107	\$55,000	10/62	33		X		
	1108	\$65,000	9/65	70		75		
	9200	\$1500	6/67	60		900		
	9300	\$3400	7/67	20		650		
	LARC	\$135,000	5/60	2	5180 E	X	1900 E	
	Varian Data Machines (R)	620	\$900	11/65	75		0	
		6201	\$500	6/67	41	116	277	277
TOTALS —					56,750 E		24,800 E	

MONTHLY COMPUTER CENSUS

The following is a summary made by "Computers and Automation" of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide.

Our census has begun to include computers manufactured by organizations outside the United States. We invite all manufacturers located anywhere to submit information for this census. We also invite our readers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (R) - figures derived all or in part from information released directly or indirectly by the manufacturer, or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (S) - sale only
- X - no longer in production
- C - figure is combined in a total (see adjacent column)
- E - figures estimated by "Computers and Automation"
- ? - information not received at press time

AS OF JANUARY 15, 1968

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL ORDERS
I. United States Manufacturers							
Autonetics (R) Anaheim, Calif.	RECOMP II	\$2495	11/58	30		X	
	RECOMP III	\$1495	6/61	6	36	X	0
Bailey Meter Co. Wickliffe, Ohio	Bailey 756	\$60,000-\$400,000 (S)	2/65	14		5	
	Bailey 855	\$100,000 (S)	4/68	0	14	10	15
Bunker-Ramo Corp. (R) Canoga Park, Calif.	BR-130	\$2000	10/61	160		X	
	BR-133	\$2400	5/64	62		X	
	BR-230	\$2680	8/63	15		X	
	BR-300	\$3000	3/59	18		X	
	BR-330	\$4000	12/60	23		X	
	BR-340	\$7000	12/63	19	297	X	0
Burroughs (R) Detroit, Mich.	205	\$4600	1/54	38		X	
	220	\$14,000	10/58	31		X	
	B200 Series, B100	\$5400	11/61	800		31	
	B300 Series	\$9000	7/65	370		150	
	B2500	\$5000	2/67	35		95	
	B3500	\$14,000	5/67	24		74	
	B5500	\$22,000	3/63	74		12	
	B6500	\$33,000	2/68	0		17	
	B7500	\$44,000	4/69	0		6	
	B8500	\$200,000	8/67	0	1370 E	5	390 E
Control Data Corp. (R) Minneapolis, Minn.	G-15	\$1600	7/55	285		X	
	G-20	\$15,500	4/61	23		X	
	LGP-21	\$725	12/62	159		X	
	LGP-30	\$1300	9/56	322		X	
	RPC-4000	\$1875	1/61	73		X	
	046/136/636	?	-	28		C	
	160*/8090 Series	\$2100-\$12,000	5/60	594		X	
	924/924A	\$11,000	8/61	30		X	
	1604/A/B	\$45,000	1/60	59		X	
	1700	\$3500	5/66	48		C	
	3100/3150	\$10,000	12/64	87		C	
	3200/3300	\$16,250	5/64	132		C	
	3400	\$18,000	11/64	20		C	
	3600/3800	\$48,750	6/63	57		X	
	6400/6500/6600	\$52,000-\$117,000	8/64	49		X	
	6800	\$130,000	6/67	0	1938 (as of 6/30/67)	C	320 E
Digital Electronics Inc. (R) Plainview, N.Y.	DIGIAC 3080	\$19,500 (S)	12/64	10	10	1	1
Digital Equipment Corp. (R) Maynard, Mass.	PDP-1	\$3400	11/60	59		X	
	PDP-4	\$1700	8/62	55		X	
	PDP-5	\$900	9/63	114		X	
	PDP-6	\$10,000	10/64	22		X	
	PDP-7	\$1300	11/64	165		C	
	PDP-8	\$525	4/65	1050		C	
	PDP-8S	\$300	9/66	549		C	
	PDP-9	\$1000	12/66	81		C	
	PDP-10	\$7500	12/67	1		C	
	LINC	?	9/66	90	2186	C	450 E
Electronic Assoc., Inc. (R) Long Branch, N.J.	640	\$1200	4/67	15		27	
	8400	\$12,000	7/65	21	36	4	31
EMR Computer Div. (R) Minneapolis, Minn.	ASI 210	\$3850	4/62	26		X	
	ASI 2100	\$4200	12/63	7		X	
	ADVANCE 6020	\$4400	4/65	16		9	
	ADVANCE 6040	\$5600	7/65	8		2	
	ADVANCE 6050	\$9000	2/66	18		8	
	ADVANCE 6070	\$15,000	10/66	9		0	
	ADVANCE 6130	\$1000	8/67	6	90	36	55
General Electric (N) Phoenix, Ariz.	115	\$1340-\$8000	12/65	500 E		600 E	
	205	\$2500-\$10,000	6/64	C		X	
	210	\$16,000-\$22,000	7/59	C		X	
	215	\$2500-\$10,000	9/63	C		X	
	225	\$2500-\$26,000	4/61	200 E		X	
	235	\$6000-\$28,000	4/64	100 E		C	
	255	\$15,000-\$26,000	10/67	C		C	
	265	\$17,000-\$28,000	7/64	C		C	
	405	\$5120-\$10,000	11/67	C		C	
	415	\$4800-\$13,500	5/64	300 E		70 E	
	420	\$18,000-\$28,000	7/67	C		C	
	425	\$6000-\$20,000	6/64	100 E		C	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL ORDERS
General Electric (con'd)	435	\$8000-\$25,000	9/65	C		C	
	625	\$31,000-\$135,000	4/65	C		C	
	635	\$35,000-\$167,000	5/65	C		C	
	645	\$40,000-\$250,000	7/66	C	1490 E	C	850 E
Hewlett-Packard (R) Palo Alto, Calif.	2116A	\$600	11/66	70		C	
	2115A	\$412	11/67	11	81	C	24 E
Honeywell (R) Wellesley Hills, Mass.	DDP-24	\$2500	5/63	85		X	
	DDP-116	\$900	4/65	200		30	
	DDP-124	\$2050	3/66	46		33	
	DDP-224	\$3300	3/65	50		8	
	DDP-516	\$700	9/66	85		154	
	H-120	\$3900	1/66	650		240	
	H-200	\$8400	3/64	1130		87	
	H-400	\$8500	12/61	120		X	
	H-800	\$28,000	12/60	89		X	
	H-1200	\$3800	2/66	175		130	
	H-1400	\$14,000	1/64	12		X	
	H-1800	\$42,000	1/64	21		X	
	H-2200	\$12,000	1/66	78		71	
	H-4200	\$20,500	6/67	0		20	
H-8200	\$35,000	4/68	0		2740 E	5	780 E
IBM (N) White Plains, N.Y.	305	\$3600	12/57	C		X	
	360/20	\$3000	12/65	6000 E		6000 E	
	360/25	\$5530	1/68	C		C	
	360/30	\$9340	5/65	6000 E		3500 E	
	360/40	\$19,550	4/65	3000 E		2000 E	
	360/44	\$12,180	7/66	C		C	
	360/50	\$32,960	8/65	C		C	
	360/65	\$56,650	11/65	C		C	
	360/67	\$138,000	10/66	C		C	
	360/75	\$81,400	2/66	C		C	
	360/90 Series	-	10/67	C		C	
	650	\$4800	11/54	C		X	
	1130	\$1545	2/66	2700 E		4500 E	
	1401	\$6480	9/60	7650 E		X	
	1401-G	\$2300	5/64	1700 E		X	
	1401-H	\$1300	6/67	C		C	
	1410	\$17,000	11/61	C		C	
	1440	\$4300	4/63	3600 E		C	
	1460	\$10,925	10/63	1400 E		X	
	1620 I, II	\$4000	9/60	1500 E		C	
	1800	\$4800	1/66	C		C	
	701	\$5000	4/53	C		X	
	7010	\$26,000	10/63	C		C	
	702	\$6900	2/55	C		X	
	7030	\$160,000	5/61	C		X	
	704	\$32,000	12/55	C		X	
	7040	\$25,000	6/63	C		C	
	7044	\$36,500	6/63	C		C	
	705	\$38,000	11/55	C		X	
	7070, 2, 4	\$27,000	3/60	C		X	
	7080	\$60,000	8/61	C		X	
	709	\$40,000	8/58	C		X	
	7090	\$63,500	11/59	C		X	
7094	\$75,500	9/62	C		X		
7094 II	\$82,500	4/64	C		37,700 E	C	18,300 E
Interdata (R) Oceanport, N.J.	Model 2	\$200-\$300	-	0		3	
	Model 3	\$300-\$500	3/67	24		75	
	Model 4	\$400-\$800	-	0	24	5	83
National Cash Register Co. (R) Dayton, Ohio	NCR-304	\$14,000	1/60	24		X	
	NCR-310	\$2500	5/61	14		X	
	NCR-315	\$8500	5/62	625		150	
	NCR-315-RMC	\$12,000	9/65	80		50	
	NCR-390	\$1850	5/61	600		6	
	NCR-500	\$1500	10/65	1550		2893	580
Pacific Data Systems Inc. (R) Santa Ana, Calif.	PDS 1020	\$550-\$900	2/64	135	135	20	20
Philco (R) Willow Grove, Pa.	1000	\$7010	6/63	16		X	
	2000-210, 211	\$40,000	10/58	16		X	
	2000-212	\$52,000	1/63	12	44	X	0
Radio Corp. of America (R) Cherry Hill, N.J.	RCA 301	\$7000	2/61	635		C	
	RCA 3301	\$17,000	7/64	75		C	
	RCA 501	\$14,000	6/59	96		X	
	RCA 601	\$35,000	11/62	3		X	
	Spectra 70/15	\$4500	9/65	160		125	
	Spectra 70/25	\$6500	9/65	85		57	
	Spectra 70/35	\$10,400	1/67	52		135	
	Spectra 70/45	\$22,000	11/65	80		107	
	Spectra 70/46	\$34,400	-	0		C	
	Spectra 70/55	\$34,300	11/66	5		1190 E	14
Raytheon (R) Santa Ana, Calif.	250	\$1200	12/60	175		X	
	440	\$3500	3/64	20		X	
	520	\$3200	10/65	27		0	
	703	(S)	10/67	11		233	23
Scientific Control Corp. (R) Dallas, Tex.	650	\$500	5/66	24		0	
	655	\$1800	10/66	7		26	
	660	\$2000	10/65	4		0	
	670	\$2600	5/66	1		0	
	6700	\$30,000	10/67	0		36	1

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL ORDERS
Scientific Data Syst., Inc. (N) Santa Monica, Calif.	SDS-92	\$1500	4/65	100 E		20	
	SDS-910	\$2000	8/62	200 E		30	
	SDS-920	\$2900	9/62	200 E		20	
	SDS-925	\$3000	12/64	C		C	
	SDS-930	\$3400	6/64	200 E		30	
	SDS-940	\$10,000	4/66	C		C	
	SDS-9300	\$7000	11/64	C		C	
	Sigma 2	\$1000	12/66	30		160	
	Sigma 5	\$6000	8/67	C		C	
	Sigma 7	\$12,000	12/66	C	920 E	C	360 E
Standard Computer Corp. (N) Los Angeles, Calif.	IC 6000	\$10,000-\$22,000	5/67	7	7	12 E	12 E
Systems Engineering Labs (R) Ft. Lauderdale, Fla.	SEL 810	\$1000	9/65	24		X	
	SEL 810A	\$900	8/66	33		29	
	SEL 810B	?	-	0		7	
	SEL 840	\$1400	11/65	4		X	
	SEL 840A	\$1400	8/66	17		28	
	SEL 840 MP	?	-	1		6	70
UNIVAC, Div. of Sperry Rand (R) New York, N.Y.	I & II	\$25,000	3/51 & 11/57	23		X	
	III	\$20,000	8/62	67		X	
	File Computers	\$15,000	8/56	13		X	
	Solid-State 80 I, II, 90, I, II & Step	\$8000	8/58	222		X	
	418	\$11,000	6/63	118		33	
	490 Series	\$35,000	12/61	190		30	
	1004	\$1900	2/63	3200		20	
	1005	\$2400	4/66	960		140	
	1050	\$8000	9/63	285		16	
	1100 Series (except 1107 & 1108)	\$35,000	12/50	9		X	
	1107	\$55,000	10/62	33		X	
	1108	\$65,000	9/65	80		75	
	9200	\$1500	6/67	110		900	
	9300	\$3400	7/67	30		650	
	LARC	\$135,000	5/60	2	5340 E	X	1860 E
	Varian Data Machines (R) Newport Beach, Calif.	620	\$900	11/65	75		0
6201		\$500	6/67	53	128	292	292
I. U. S. Manufacturers, TOTAL						59,000 E	25,200 E
II. Non-United States Manufacturers							
AS Regne Centralen (R) Copenhagen, Denmark	GIER	\$2600-\$9200	12/60	36		2	
	RC 4000	\$3000-\$20,000	6/67	1	37	1	3
Elbit Computers Ltd. (R) Haifa, Israel	Elbit-100	\$4900 (S)	10/67	4	4	31	31
G.E.C. Computers & Autom- ation Ltd. (R) Wembley, Middlesex, England	90-2	-	10/65	5		C	
	90-10	-	8/66	1		C	
	90-20	-	-	0		C	
	90-25	-	7/66	2		1	
	90-30	-	10/65	1		1	
	90-40	-	-	0		C	
	90-300	-	11/66	1		1	
	S-2	-	1/68	0		1	
	S-5	-	-	0		C	
	S-7	-	-	0		C	
	GEC-TRW130	-	12/64	2		X	
GEC-TRW330	-	9/63	7	23	X	5 E	
International Computers and Tabulators Ltd. (R) London, England	1901 to 1909	\$4000-\$27,000	12/64-12/66	543		390	
	1200/1/2	-	-/55	60		0	
	1300/1/2	\$3500	-/62	192		9	
	1300	\$5200	7/62	112		3	
	1100/1	-	-/60	20		0	
	2400	-	12/61	4		0	
	Atlas 1 & 2	\$70,000	-/62	5		1	
	Orion 1 & 2	\$40,000	1/63	16		1	
	Sirius	-	-/61	22		0	
	Mercury	-	-/57	13		0	
Pegasus 1 & 2	-	-/56	36	1023	0	404	
Saab Aktiebolag (R) Linköping, Sweden	DATASAAB D21	\$5000-\$14,000	12/62	30		0	
	DATASAAB D22	\$8000-\$60,000	5/68	3	33	8	8
Union of Soviet Socialist Republics	BESM 4	-	-	C		C	
	BESM 6	-	-	C		C	
	MINSK 2	-	-	C		C	
	MINSK 22	-	-	C		C	
	MIR	-	-	C		C	
	NAIRI	-	-	C		C	
	ONEGA 1	-	-	C		C	
	ONEGA 2	-	-	C		C	
	URAL 11/14/16 and others	-	-	C		C	
	II. Non-U.S. Manufacturers, TOTAL						2000 E
Combined, TOTAL						62,000 E	26,000 E

MONTHLY COMPUTER CENSUS

The following is a summary made by "Computers and Automation" of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide.

Our census has begun to include computers manufactured by organizations outside the United States. We invite all manufacturers located anywhere to submit information for this census. We also invite our readers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (R) - figures derived all or in part from information released directly or indirectly by the manufacturer, or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (S) - sale only
- X - no longer in production
- C - figure is combined in a total (see column to the right)
- E - figures estimated by "Computers and Automation"
- ? - information not received at press time

AS OF FEBRUARY 15, 1968

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL ORDERS
I. United States Manufacturers							
Autonetics (R) Anaheim, Calif.	RECOMP II	\$2495	11/58	30		X	
	RECOMP III	\$1495	6/61	6	36	X	0
Bailey Meter Co.	Bailey 756	\$60,000-\$400,000 (S)	2/65	14		5	
Wickliffe, Ohio	Bailey 855	\$100,000 (S)	4/68	0	14	10	15
Bunker-Ramo Corp. (R) Canoga Park, Calif.	BR-130	\$2000	10/61	160		X	
	BR-133	\$2400	5/64	62		X	
	BR-230	\$2680	8/63	15		X	
	BR-300	\$3000	3/59	18		X	
	BR-330	\$4000	12/60	23		X	
	BR-340	\$7000	12/63	19	297	X	0
Burroughs (R) Detroit, Mich.	205	\$4600	1/54	38		X	
	220	\$14,000	10/58	31		X	
	B200 Series, B100	\$5400	11/61	800		31	
	B300 Series	\$9000	7/65	370		150	
	B2500	\$5000	2/67	35		95	
	B3500	\$14,000	5/67	24		74	
	B5500	\$22,000	3/63	74		12	
	B6500	\$33,000	2/68	0		17	
	B7500	\$44,000	4/69	0		6	
	B8500	\$200,000	8/67	0	1370 E	5	390 E
Control Data Corp. (R) Minneapolis, Minn.	G-15	\$1600	7/55	295		X	
	G-20	\$15,500	4/61	20		X	
	LGP-21	\$725	12/62	165		X	
	LGP-30	\$1300	9/56	322		X	
	RPC-4000	\$1875	1/61	75		X	
	636/136/046 Series	?	-	29		C	
	160*/8090 Series	\$2100-\$12,000	5/60	610		X	
	924/924A	\$11,000	8/61	29		X	
	1604/A/B	\$45,000	1/60	59		X	
	1700	\$3500	5/66	100		C	
	3100/3200/3300	\$10,000-\$16,250	5/64	261		C	
	3400/3600/3800	\$18,000-\$48,750	6/63	79		C	
	6400/6500/6600	\$52,000-\$117,000	8/64	63		(as of C	
	6800	\$130,000	6/67	0	2107	12/30/67) C	360 E
Digital Electronics Inc. (R) Plainview, N.Y.	DIGIAC 3080	\$19,500 (S)	12/64	10	10	1	1
Digital Equipment Corp. (R) Maynard, Mass.	PDP-1	\$3400	11/60	59		X	
	PDP-4	\$1700	8/62	55		X	
	PDP-5	\$900	9/63	114		X	
	PDP-6	\$10,000	10/64	22		X	
	PDP-7	\$1300	11/64	165		C	
	PDP-8	\$525	4/65	1050		C	
	PDP-8/S	\$300	9/66	549		C	
	PDP-9	\$1000	12/66	81		C	
	PDP-10	\$7500	12/67	1		C	
	LINC	?	9/66	90	2186	C	450 E
Electronic Assoc., Inc. (R) Long Branch, N.J.	640	\$1200	4/67	15		27	
	8400	\$12,000	7/65	21	36	4	31
EMR Computer Div. (R) Minneapolis, Minn.	ASI 210	\$3850	4/62	26		X	
	ASI 2100	\$4200	12/63	7		X	
	ADVANCE 6020	\$4400	4/65	18		C	
	ADVANCE 6040	\$5600	7/65	8		C	
	ADVANCE 6050	\$9000	2/66	18		C	
	ADVANCE 6070	\$15,000	10/66	9		0	
	ADVANCE 6130	\$1000	8/67	8	94	C	25
General Electric (N) Phoenix, Ariz.	115	\$1340-\$8000	12/65	560 E		600 E	
	205	\$2500-\$10,000	6/64	C		X	
	210	\$16,000-\$22,000	7/59	C		X	
	215	\$2500-\$10,000	9/63	C		X	
	225	\$2500-\$26,000	4/61	200 E		X	
	235	\$6000-\$28,000	4/64	130 E		C	
	255	\$15,000-\$26,000	10/67	C		C	
	265	\$17,000-\$28,000	7/64	C		C	
	405	\$5120-\$10,000	11/67	C		C	
	415	\$4800-\$13,500	5/64	350 E		70 E	
	420	\$18,000-\$28,000	7/67	C		C	
	425	\$6000-\$20,000	6/64	120 E		C	
	435	\$8000-\$25,000	9/65	C		C	
	625	\$31,000-\$135,000	4/65	C		C	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL ORDERS
General Electric (cont'd)	635	\$35,000-\$167,000	5/65	C		C	
	645	\$40,000-\$250,000	7/66	C	1600 E		850 E
Hewlett-Packard (R)	2116A	\$600	11/66	75		C	
Palo Alto, Calif.	2115A	\$412	11/67	18	93	C	24 E
Honeywell (R)	DDP-24	\$2500	5/63	85		X	
Wellesley Hills, Mass.	DDP-116	\$900	4/65	200		30	
	DDP-124	\$2050	3/66	46		33	
	DDP-224	\$3300	3/65	50		8	
	DDP-516	\$700	9/66	85		154	
	H-120	\$3900	1/66	650		240	
	H-200	\$8400	3/64	1130		87	
	H-400	\$8500	12/61	120		X	
	H-800	\$28,000	12/60	89		X	
	H-1200	\$3800	2/66	175		130	
	H-1400	\$14,000	1/64	12		X	
	H-1800	\$42,000	1/64	21		X	
	H-2200	\$12,000	1/66	78		71	
	H-4200	\$20,500	6/67	0		20	
	H-8200	\$35,000	4/68	0	2740 E	5	780 E
IBM (N)	305	\$3600	12/57	C		X	
White Plains, N.Y.	360/20	\$3000	12/65	6000 E		6000 E	
	360/25	\$5530	1/68	C		C	
	360/30	\$9340	5/65	6000 E		3500 E	
	360/40	\$19,550	4/65	3000 E		2000 E	
	360/44	\$12,180	7/66	C		C	
	360/50	\$32,960	8/65	C		C	
	360/65	\$56,650	11/65	C		C	
	360/67	\$138,000	10/66	C		C	
	360/75	\$81,400	2/66	C		C	
	360/85	\$158,000	-	0		C	
	360/90 Series	-	10/67	C		C	
	650	\$4800	11/54	C		X	
	1130	\$1545	2/66	2700 E		4500 E	
	1401	\$6480	9/60	7650 E		X	
	1401-G	\$2300	5/64	1700 E		X	
	1401-H	\$1300	6/67	C		C	
	1410	\$17,000	11/61	C		C	
	1440	\$4300	4/63	3600 E		C	
	1460	\$10,925	10/63	1400 E		X	
	1620 I, II	\$4000	9/60	1500 E		C	
	1800	\$4800	1/66	C		C	
	701	\$5000	4/53	C		X	
	7010	\$26,000	10/63	C		C	
	702	\$6900	2/55	C		X	
	7030	\$160,000	5/61	C		X	
	704	\$32,000	12/55	C		X	
	7040	\$25,000	6/63	C		C	
	7044	\$36,500	6/63	C		C	
	705	\$38,000	11/55	C		X	
	7070, 2, 4	\$27,000	3/60	C		X	
	7080	\$60,000	8/61	C		X	
	709	\$40,000	8/58	C		X	
	7090	\$63,500	11/59	C		X	
	7094	\$75,500	9/62	C		X	
	7094 II	\$82,500	4/64	C	37,700 E	C	18,300 E
Interdata (R)	Model 2	\$200-\$300	-	0		3	
Oceanport, N.J.	Model 3	\$300-\$500	3/67	33		57	
	Model 4	\$400-\$800	-	0	33	5	65
National Cash Register Co. (R)	NCR-304	\$14,000	1/60	24		X	
Dayton, Ohio	NCR-310	\$2500	5/61	14		X	
	NCR-315	\$8500	5/62	625		150	
	NCR-315-RMC	\$12,000	9/65	80		50	
	NCR-390	\$1850	5/61	600		6	
	NCR-500	\$1500	10/65	1550	2893	580	790 E
Pacific Data Systems Inc. (R)	PDS 1020	\$550-\$900	2/64	135	135	20	20
Santa Ana, Calif.							
Philco (R)	1000	\$7010	6/63	16		X	
Willow Grove, Pa.	2000-210, 211	\$40,000	10/58	16		X	
	2000-212	\$52,000	1/63	12	44	X	0
Potter Instrument Co., Inc.	PC-9600	\$12,000 (S)	-	-	-	-	-
Plainview, N.Y.							
Radio Corp. of America (R)	RCA 301	\$7000	2/61	635		C	
Cherry Hill, N.J.	RCA 3301	\$17,000	7/64	75		C	
	RCA 501	\$14,000	6/59	96		X	
	RCA 601	\$35,000	11/62	3		X	
	Spectra 70/15	\$4500	9/65	160		125	
	Spectra 70/25	\$6500	9/65	85		57	
	Spectra 70/35	\$10,400	1/67	52		135	
	Spectra 70/45	\$22,000	11/65	80		107	
	Spectra 70/46	\$34,400	-	0		C	
	Spectra 70/55	\$34,300	11/66	5	1190 E	14	420 E
Raytheon (R)	250	\$1200	12/60	175		X	
Santa Ana, Calif.	440	\$3500	3/64	20		X	
	520	\$3200	10/65	27		0	
	703	(S)	10/67	12	234	32	32
Scientific Control Corp. (R)	650	\$500	5/66	24		6	
Dallas, Tex.	655	\$1800	10/66	9		27	
	660	\$2000	10/65	4		0	
	670	\$2600	5/66	1		0	
	6700	\$30,000	10/67	0	38	1	34

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL ORDERS
Scientific Data Syst., Inc. (N) Santa Monica, Calif.	SDS-92	\$1500	4/65	120 E		10 E	
	SDS-910	\$2000	8/62	225 E		25 E	
	SDS-920	\$2900	9/62	200 E		20	
	SDS-925	\$3000	12/64	C		C	
	SDS-930	\$3400	6/64	225 E		30	
	SDS-940	\$10,000	4-66	C		C	
	SDS 9300	\$7000	11/64	C		C	
	Sigma 2	\$1000	12/66	55 E		160	
	Sigma 5	\$6000	8/67	C		50	
	Sigma 7	\$12,000	12/66	C	980 E	C	360 E
Standard Computer Corp. (N) Los Angeles, Calif.	IC 6000	\$10,000-\$22,000	5/67	7	7	12 E	12 E
Systems Engineering Labs (R) Ft. Lauderdale, Fla.	SEL 810	\$1000	9/65	24		X	
	SEL 810A	\$900	8/66	50		33	
	SEL 810B	?	-	0		7	
	SEL 840	\$1,400	11/65	4		X	
	SEL 840A	\$1,400	8/66	18		29	
	SEL 840 MP	?	-	1		6	70
UNIVAC, Div. of Sperry Rand (R) New York, N.Y.	I & II	\$25,000	3/51 & 11/57	23		X	
	III	\$20,000	8/62	67		X	
	File Computers	\$15,000	8/56	13		X	
	Solid-State 80 I, II, 90, I, II & Step	\$8000	8/58	222		X	
	418	\$11,000	6/63	118		33	
	490 Series	\$35,000	12/61	190		30	
	1004	\$1900	2/63	3200		20	
	1005	\$2,400	4/66	960		140	
	1050	\$8000	9/63	285		16	
	1100 Series (except 1107 & 1108)	\$35,000	12/50	9		X	
	1107	\$55,000	10/62	33		X	
	1108	\$65,000	9/65	80		75	
	9200	\$1500	6/67	110		900	
	9300	\$3400	7/67	30		650	
	LARC	\$135,000	5/60	2	5340 E	X	1860 E
	Varian Data Machines (R) Newport Beach, Calif.	620	\$900	11/65	75		0
620i		\$500	6/67	68	143	298	298
<u>I. U.S. Manufacturers, TOTAL</u>					59,400 E		25,200 E
<u>II. Non-United States Manufacturers</u>							
A/S Regnecentralen (R) Copenhagen, Denmark	GIER	\$2600-\$9200	12/60	36		2	
	RC 4000	\$3000-\$20,000	6/67	1	37	1	3
Elbit Computers Ltd. (R) Haifa, Israel	Elbit-100	\$4900 (S)	10/67	6	6	33	33
G.E.C. Computers & Automata- tion Ltd. (R) Wembley, Middlesex, England	90-2	-	10/65	5		C	
	90-10	-	8/66	1		C	
	90-20	-	-	0		C	
	90-25	-	7/66	2		1	
	90-30	-	10/65	1		1	
	90-40	-	-	0		C	
	90-300	-	11/66	1		1	
	S-2	-	1/68	0		1	
	S-5	-	-	0		C	
	S-7	-	-	0		C	
	GEC-TRW130	-	12/64	2		X	
	GEC-TRW330	-	3/63	7	19	X	4
	International Computers and Tabulators Ltd. (R) London, England	1901 to 1909	\$4000-\$27,000	12/64-12/66	631		369
1200/1/2		-	-/55	60		2	
1300/1/2		\$3500	-/62	192		13	
1300		\$5200	7/62	112		3	
1100/1		-	-/60	20		0	
2400		-	12/61	4		0	
Atlas 1 & 2		\$70,000	-/62	5		1	
Orion 1 & 2		\$40,000	1/63	16		0	
Sirius		-	-/61	22		0	
Mercury		-	-/57	19		0	
Pegasus 1 & 2	-	-/56	30	1023	0	404	
N.V. Philips' Computer Industrie Apeldoorn, Netherlands	P1000	?	6/68	0	0	5 E	5 E
Saab Aktiebolag (R) Linköping, Sweden	DATASAAB D21	\$5000-\$14,000	12/62	30		3	
	DATASAAB D22	\$8000-\$60,000	5/68	0	30	8	11
Union of Soviet Socialist Republics	BESM 4	-	-	C		C	
	BESM 6	-	-	C		C	
	MINSK 2	-	-	C		C	
	MINSK 22	-	-	C		C	
	MIR	-	-	C		C	
	NAIRI	-	-	C		C	
	ONEGA 1	-	-	C		C	
	ONEGA 2	-	-	C		C	
	URAL 11/14/16 and others	-	-	C		C	
					2000 E		500 E
<u>II. Non-U.S. Manufacturers, TOTAL</u>					3100 E		960 E
<u>Combined, TOTAL</u>					62,500 E		26,160 E

MONTHLY COMPUTER CENSUS

The following is a summary made by "Computers and Automation" of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide.

Our census has begun to include computers manufactured by organizations outside the United States. We invite all manufacturers located anywhere to submit information for this census. We also invite our readers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (R) - figures derived all or in part from information released directly or indirectly by the manufacturer, or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (S) - sale only
- X - no longer in production
- C - figure is combined in a total (see column to the right)
- E - figures estimated by "Computers and Automation"
- ? - information not received at press time

AS OF MARCH 15, 1968

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL ORDERS
I. United States Manufacturers							
Autonetics (R) Anaheim, Calif.	RECOMP II RECOMP III	\$2495 \$1495	11/58 6/61	30 6		X X	
Bailey Meter Co. Wickliffe, Ohio	Bailey 756 Bailey 855	\$60,000-\$400,000 (S) \$100,000 (S)	2/65 4/68	14 0	36 14	5 10	0 15
Bunker-Ramo Corp. (R) Canoga Park, Calif.	BR-130 BR-133 BR-230 BR-300 BR-330 BR-340	\$2000 \$2400 \$2680 \$3000 \$4000 \$7000	10/61 5/64 8/63 3/59 12/60 12/63	160 62 15 18 23 19		X X X X X X	0
Burroughs (R) Detroit, Mich.	205 220 B200 Series, B100 B300 Series B2500 B3500 B5500 B6500 B7500 B8500	\$4600 \$14,000 \$5400 \$9000 \$5000 \$14,000 \$22,000 \$33,000 \$44,000 \$200,000	1/54 10/58 11/61 7/65 2/67 5/67 3/63 2/68 4/69 8/67	38 31 800 370 35 24 74 0 0 0		X X X 150 95 74 12 17 6	
Control Data Corp. (R) Minneapolis, Minn.	G-15 G-20 LGP-21 LGP-30 RPC-4000 636/136/046 Series 160*/8090 Series 924/924A 1604/A/B 1700 3100/3200/3300 3400/3600/3800 6400/6500/6600 6800	\$1600 \$15,500 \$725 \$1300 \$1875 ? \$2100-\$12,000 \$11,000 \$45,000 \$3500 \$10,000-\$16,250 \$18,000-\$48,750 \$52,000-\$117,000 \$130,000	7/55 4/61 12/62 9/56 1/61 - 5/60 8/61 1/60 5/66 5/64 6/63 8/64 6/67	295 20 165 322 75 29 610 29 59 100 261 79 63 0		X X X X X C X X X C C C C C	390 E
Digital Electronics Inc. (R) Plainview, N.Y.	DIGIAC 3080 DIGIAC 3080C	\$19,500 (S) \$25,000 (S)	12/64 10/67	10 1		1 1	
Digital Equipment Corp. (R) Maynard, Mass.	PDP-1 PDP-4 PDP-5 PDP-6 PDP-7 PDP-8 PDP-8/S PDP-9 PDP-10 LINC	\$3400 \$1700 \$900 \$10,000 \$1300 \$525 \$300 \$1000 \$7500 ?	11/60 8/62 9/63 10/64 11/64 4/65 9/66 12/66 12/67 9/66	59 55 114 22 165 1050 549 81 1 90		X X X X C C C C C C	450 E
Electronic Assoc., Inc. (R) Long Branch, N.J.	640 8400	\$1200 \$12,000	4/67 7/65	15 21		27 4	
EMR Computer Div. (R) Minneapolis, Minn.	ASI 210 ASI 2100 ADVANCE 6020 ADVANCE 6040 ADVANCE 6050 ADVANCE 6070 ADVANCE 6130	\$3850 \$4200 \$4400 \$5600 \$9000 \$15,000 \$1000	4/62 12/63 4/65 7/65 2/66 10/66 8/67	26 7 19 8 18 9 8		X X C C C C C	25
General Electric (N) Phoenix, Ariz.	115 205 210 215 225 235 255 265 405 415 420 425 435 625 635 645	\$1340-\$8000 \$2500-\$10,000 \$16,000-\$22,000 \$2500-\$10,000 \$2500-\$26,000 \$6000-\$28,000 \$15,000-\$26,000 \$17,000-\$28,000 \$5120-\$10,000 \$4800-\$13,500 \$18,000-\$28,000 \$6000-\$20,000 \$8000-\$25,000 \$31,000-\$135,000 \$35,000-\$167,000 \$40,000-\$250,000	12/65 6/64 7/59 9/63 4/61 4/64 10/67 7/64 11/67 5/64 7/67 6/64 9/65 4/65 5/65 7/66	560 E C C C 200 E 130 E C C C 350 E C 120 E C C C C		600 E X X X X X X X X 70 E C C C C C C	850 E

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL ORDERS
Hewlett-Packard (R)	2116A	\$600	11/66	80		C	
Palo Alto, Calif.	2115A	\$412	11/67	31	111	C	24 E
Honeywell (R)	DDP-24	\$2500	5/63	85		X	
Computer Control Div.	DDP-116	\$900	4/65	200		30	
Framingham, Mass.	DDP-124	\$2050	3/66	46		33	
	DDP-224	\$3300	3/65	50		8	
	DDP-516	\$700	9/66	85		154	239
Honeywell (R)	H-120	\$3900	1/66	650		240	
EDP Division	H-200	\$8400	3/64	1130		87	
Wellesley Hills, Mass.	H-400	\$8500	12/61	120		X	
	H-800	\$28,000	12/60	89		X	
	H-1200	\$3800	2/66	175		130	
	H-1400	\$14,000	1/64	12		X	
	H-1800	\$42,000	1/64	21		X	
	H-2200	\$12,000	1/66	78		71	
	H-4200	\$20,500	6/67	0		20	
	H-8200	\$35,000	4/68	0	2740 E	5	540 E
IBM (N)	305	\$3600	12/57	C		X	
White Plains, N.Y.	360/20	\$3000	12/65	6000 E		6000 E	
	360/25	\$5530	1/68	C		C	
	360/30	\$9340	5/65	6000 E		3500 E	
	360/40	\$19,550	4/65	3000 E		2000 E	
	360/44	\$12,180	7/66	C		C	
	360/50	\$32,960	8/65	C		C	
	360/65	\$56,650	11/65	C		C	
	360/67	\$138,000	10/66	C		C	
	360/75	\$81,400	2/66	C		C	
	360/85	\$158,000	-	0		C	
	360/90 Series	-	10/67	C		C	
	650	\$4800	11/54	C		X	
	1130	\$1545	2/66	2700 E		4500 E	
	1401	\$6480	9/60	7650 E		X	
	1401-G	\$2300	5/64	1700 E		X	
	1401-H	\$1300	6/67	C		C	
	1410	\$17,000	11/61	C		C	
	1440	\$4300	4/63	3600 E		C	
	1460	\$10,925	10/63	1400 E		X	
	1620 I, II	\$4000	9/60	1500 E		C	
	1800	\$4800	1/66	C		C	
	701	\$5000	4/53	C		X	
	7010	\$26,000	10/63	C		C	
	702	\$6900	2/55	C		X	
	7030	\$160,000	5/61	C		X	
	704	\$32,000	12/55	C		X	
	7040	\$25,000	6/63	C		C	
	7044	\$36,500	6/63	C		C	
	705	\$38,000	11/55	C		X	
	7070, 2, 4	\$27,000	3/60	C		X	
	7080	\$60,000	8/61	C		X	
	709	\$40,000	8/58	C		X	
	7090	\$63,500	11/59	C		X	
	7094	\$75,500	9/62	C		X	
	7094 II	\$82,500	4/64	C	37,700 E	C	18,300 E
Interdata (R)	Model 2	\$200-\$300	-	0		3	
Oceanport, N.J.	Model 3	\$300-\$500	3/67	41		97	
	Model 4	\$400-\$800	-	0	41	5	105
National Cash Register Co. (R)	NCR-304	\$14,000	1/60	24		X	
Dayton, Ohio	NCR-310	\$2500	5/61	14		X	
	NCR-315	\$8500	5/62	625		150	
	NCR-315-RMC	\$12,000	9/65	80		50	
	NCR-390	\$1850	5/61	600		6	
	NCR-500	\$1500	10/65	1550	2893	580	790 E
Pacific Data Systems Inc. (R)	PDS 1020	\$550-\$900	2/64	135	135	20	20
Santa Ana, Calif.							
Philco (R)	1000	\$7010	6/63	16		X	
Willow Grove, Pa.	2000-210, 211	\$40,000	10/58	16		X	
	2000-212	\$52,000	1/63	12	44	X	0
Potter Instrument Co., Inc.	PC-9600	\$12,000 (S)	-	-	-	-	-
Plainview, N.Y.							
Radio Corp. of America (R)	RCA 301	\$7000	2/61	635		C	
Cherry Hill, N.J.	RCA 3301	\$17,000	7/64	75		C	
	RCA 501	\$14,000	6/59	96		X	
	RCA 601	\$35,000	11/62	3		X	
	Spectra 70/15	\$4500	9/65	160		125	
	Spectra 70/25	\$6500	9/65	85		57	
	Spectra 70/35	\$10,400	1/67	52		135	
	Spectra 70/45	\$22,000	11/65	80		107	
	Spectra 70/46	\$34,400	-	0		C	
	Spectra 70/55	\$34,300	11/66	5	1190E	14	420 E
Raytheon (R)	250	\$1200	12/60	175		X	
Santa Ana, Calif.	440	\$3500	3/64	20		X	
	520	\$3200	10/65	27		0	
	703	(S)	10/67	15	237	40	40
Scientific Control Corp. (R)	650	\$500	5/66	25		5	
Dallas, Tex.	655	\$1800	10/66	14		26	
	660	\$2000	10/65	4		0	
	670	\$2600	5/66	1		0	
	6700	\$30,000	10/67	0	44	1	32
Scientific Data Syst., Inc. (N)	SDS-92	\$1500	4/65	120 E		10 E	
Santa Monica, Calif.	SDS-910	\$2000	8/62	225 E		25 E	
	SDS-920	\$2900	9/62	200 E		20	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL ORDERS	
Scientific Data Syst. (cont.)	SDS-925	\$3000	12/64	C		C		
	SDS-930	\$3400	6/64	225 E		30		
	SDS-940	\$10,000	4/66	C		C		
	SDS-9300	\$7000	11/64	C		C		
	Sigma 2	\$1000	12/66	55 E		160		
	Sigma 5	\$6000	8/67	C		50		
	Sigma 7	\$12,000	12/66	C		C	360 E	
Standard Computer Corp. (N) Los Angeles, Calif.	IC 4000	\$9000	7/68	0		2 E		
	IC 6000	\$10,000-\$22,000	5/67	7	7	12 E	14 E	
Systems Engineering Labs (R) Ft. Lauderdale, Fla.	SEL 810	\$1000	9/65	24		X		
	SEL 810A	\$900	8/66	52		35		
	SEL 810B	?	-	0		8		
	SEL 840	\$1400	11/65	4		X		
	SEL 840A	\$1400	8/66	20		29		
	SEL 840 MP	?	1/68	1	101	6	78	
UNIVAC, Div. of Sperry Rand (R) New York, N.Y.	I & II	\$25,000	3/51 & 11/57	23		X		
	III	\$20,000	8/62	67		X		
	File Computers	\$15,000	8/56	13		X		
	Solid-State 80 I, II, 90, I, II & Step	\$8000	8/58	222		X		
	418	\$11,000	6/63	118		33		
	490 Series	\$35,000	12/61	190		30		
	1004	\$1900	2/63	3200		20		
	1005	\$2400	4/66	960		140		
	1050	\$8000	9/63	285		16		
	1100 Series (except 1107 & 1108)	\$35,000	12/50	9		X		
	1107	\$55,000	10/62	33		X		
	1108	\$65,000	9/65	80		75		
	9200	\$1500	6/67	110		900		
	9300	\$3400	7/67	30		650		
	LARC	\$135,000	5/60	2	5340 E	X	1860 E	
	Varian Data Machines (R) Newport Beach, Calif.	620	\$900	11/65	75		0	
		620i	\$500	6/67	94	169	384	384
I. U.S. Manufacturers, TOTAL						59,500 E	25,300 E	
II. Non-United States Manufacturers								
A/S Regnecentralen (R) Copenhagen, Denmark	GIER	\$2300-\$7500	12/60	36		2		
	RC 4000	\$3000-\$20,000	6/67	1	37	1	3	
Elbit Computers Ltd. (R) Haifa, Israel	Elbit-100	\$4900 (S)	10/67	6	6	33	33	
G.E.C. Computers & Automa- tion Ltd. (R) Wembley, Middlesex, England	90-2	-	10/65	5		C		
	90-10	-	8/66	1		C		
	90-20	-	-	0		C		
	90-25	-	7/66	2		1		
	90-30	-	10/65	1		1		
	90-40	-	-	0		C		
	90-300	-	11/66	1		1		
	S-2	-	1/68	1		0		
	S-5	-	-	0		C		
	S-7	-	-	0		C		
	GEC-TRW130	-	12/64	2		X		
GEC-TRW330	-	3/63	7	20	X	3		
International Computers and Tabulators Ltd. (R) London, England	1901 to 1909	\$4000-\$27,000	12/64-12/66	631		388		
	1200/1/2	-	-/55	62		3		
	1300/1/2	\$3500	-/62	195		16		
	1300	\$5200	7/62	114		4		
	1100/1	-	-/60	22		1		
	2400	-	12/61	4		0		
	Atlas 1 & 2	\$70,000	-/62	5		1		
	Orion 1 & 2	\$40,000	1/63	17		0		
	Sirius	-	-/61	22		0		
	Mercury	-	-/57	19		0		
Pegasus 1 & 2	-	-/56	33	1124	0	413		
The Marconi Co., Ltd. Chelmsford, Essex, England	Myriad I	£36,000-£66,000	3/66	22		23		
	Myriad II	£22,000-£42,500	10/67	0	22	12	35	
N.V. Philips' Computer Industrie Apeldoorn, Netherlands	P1000	?	6/68	0	0	5 E	5 E	
Saab Aktiebolag (R)	DATASAAB D21	\$5000-\$14,000	12/62	30		3		
Linkoping, Sweden	DATASAAB D22	\$8000-\$60,000	5/68	0	30	8	11	
Union of Soviet Socialist Republics	BESM 4	-	-	C		C		
	BESM 6	-	-	C		C		
	MINSK 2	-	-	C		C		
	MINSK 22	-	-	C		C		
	MIR	-	-	C		C		
	NAIRI	-	-	C		C		
	ONEGA 1	-	-	C		C		
	ONEGA 2	-	-	C		C		
	URAL 11/14/16	-	-	C		C		
	and others					2000 E	500 E	
II. Non-U.S. Manufacturers, TOTAL						3200 E	1000 E	
Combined, TOTAL						62,700 E	26,300 E	

MONTHLY COMPUTER CENSUS

The following is a summary made by "Computers and Automation" of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide.

Our census has begun to include computers manufactured by organizations outside the United States. We invite all manufacturers located anywhere to submit information for this census. We also invite our readers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (R) - figures derived all or in part from information released directly or indirectly by the manufacturer, or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (S) - sale only
- X - no longer in production
- C - figure is combined in a total (see column to the right)
- E - figures estimated by "Computers and Automation"
- ? - information not received at press time

AS OF APRIL 15, 1968

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL UNFULFILLED ORDERS
I. United States Manufacturers							
Autonetics (R) Anaheim, Calif.	RECOMP II	\$2495	11/58	30		X	
	RECOMP III	\$1495	6/61	6	36	X	0
Bailey Meter Co. Wickliffe, Ohio	Bailey 756	\$60,000-\$400,000 (S)	2/65	14		5	
	Bailey 855	\$100,000 (S)	4/68	0	14	10	15
Bunker-Ramo Corp. (R) Canoga Park, Calif.	BR-130	\$2000	10/61	160		X	
	BR-133	\$2400	5/64	62		X	
	BR-230	\$2680	8/63	15		X	
	BR-300	\$3000	3/59	18		X	
	BR-330	\$4000	12/60	23		X	
	BR-340	\$7000	12/63	19	297	X	0
Burroughs (R) Detroit, Mich.	205	\$4600	1/54	38		X	
	220	\$14,000	10/58	31		X	
	B200 Series, B100	\$5400	11/61	800		31	
	B300 Series	\$9000	7/65	370		150	
	B2500	\$5000	2/67	35		95	
	B3500	\$14,000	5/67	24		74	
	B5500	\$22,000	3/63	74		12	
	B6500	\$33,000	2/68	0		17	
	B7500	\$44,000	4/69	0		6	
	B8500	\$200,000	8/67	0	1370 E	5	390 E
Control Data Corp. (R) Minneapolis, Minn.	G-15	\$1600	7/55	295		X	
	G-20	\$15,500	4/61	20		X	
	LGP-21	\$725	12/62	165		X	
	LGP-30	\$1300	9/56	322		X	
	RPC-4000	\$1875	1/61	75		X	
	636/136/046 Series	?	-	29		C	
	160*/8090 Series	\$2100-\$12,000	5/60	610		X	
	924/924A	\$11,000	8/61	29		X	
	1604/A/B	\$45,000	1/60	59		X	
	1700	\$3500	5/66	100		C	
	3100/3200/3300	\$10,000-\$16,250	5/64	261		C	
	3400/3600/3800	\$18,000-\$48,750	6/63	79		C	
6400/6500/6600	\$52,000-\$117,000	8/64	63		C		
	6800	\$130,000	6/67	0	(as of 2107 12/30/67)	C	360 E
Digital Electronics Inc. (R) Plainview, N.Y.	DIGIAC 3080	\$19,500 (S)	12/64	11		1	
	DIGIAC 3080C	\$25,000 (S)	10/67	1	12	1	2
Digital Equipment Corp. (R) Maynard, Mass.	PDP-1	\$3400	11/60	59		X	
	PDP-4	\$1700	8/62	55		X	
	PDP-5	\$900	9/63	114		X	
	PDP-6	\$10,000	10/64	22		X	
	PDP-7	\$1300	11/64	165		C	
	PDP-8	\$525	4/65	1300		C	
	PDP-8/S	\$300	9/66	700		C	
	PDP-9	\$1000	12/66	85		C	
	PDP-10	\$7500	12/67	6		C	
LINC-B	?	9/66	105	2611 E	C	450 E	
Electronic Assoc., Inc. (R) Long Branch, N.J.	640	\$1200	4/67	15		27	
	8400	\$12,000	7/65	21	36	4	31
EMR Computer Div. (R) Minneapolis, Minn.	ASI 210	\$3850	4/62	26		X	
	ASI 2100	\$4200	12/63	7		X	
	ADVANCE 6020	\$4400	4/65	19		C	
	ADVANCE 6040	\$5600	7/65	8		C	
	ADVANCE 6050	\$9000	2/66	18		C	
	ADVANCE 6070	\$15,000	10/66	9		C	
	ADVANCE 6130	\$1000	8/67	8	95	C	25
General Electric (N) Phoenix, Ariz.	115	\$1340-\$8000	12/65	560 E		600 E	
	205	\$2500-\$10,000	6/64	C		X	
	210	\$16,000-\$22,000	7/59	C		X	
	215	\$2500-\$10,000	9/63	C		X	
	225	\$2500-\$26,000	4/61	200 E		X	
	235	\$6000-\$28,000	4/64	130 E		C	
	255	\$15,000-\$26,000	10/67	C		C	
	265	\$17,000-\$28,000	7/64	C		C	
	405	\$5120-\$10,000	11/67	C		C	
	415	\$4800-\$13,500	5/64	350 E		70 E	
	420	\$18,000-\$28,000	7/67	C		C	
	425	\$6000-\$20,000	6/64	120 E		C	
	435	\$8000-\$25,000	9/65	C		C	
	625	\$31,000-\$135,000	4/65	C		C	
	635	\$35,000-\$167,000	5/65	C		C	
	645	\$40,000-\$250,000	7/66	C	1600 E	C	850 E
	Hewlett-Packard (R) Palo Alto, Calif.	2116A	\$600	11/66	88		C
2115A		\$412	11/67	43	131	C	30 E
Honeywell (R) Computer Control Div. Framingham, Mass.	DDP-24	\$2500	5/63	85		X	
	DDP-116	\$900	4/65	200		30	
	DDP-124	\$2050	3/66	46		33	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL UNFULFILLED ORDERS
Honeywell, Computer Control Div. (cont'd)	DDP-224	\$3300	3/65	50		8	
	DDP-516	\$700	9/66	85		154	239
Honeywell (R)	H-110	\$2500	8/68	0		C	
EDP Division	H-120	\$3900	1/66	650		240	
Wellesley Hills, Mass.	H-125	\$3900	12/67	-		C	
	H-200	\$8400	3/64	1130		87	
	H-400	\$8500	12/61	120		X	
	H-800	\$28,000	12/60	89		X	
	H-1200	\$9500	2/66	175		130	
	H-1250	\$9500	7/68	0		C	
	H-1400	\$14,000	1/64	12		X	
	H-1800	\$42,000	1/64	21		X	
	H-2200	\$12,000	1/66	78		71	
	H-4200	\$20,500	6/67	0		20	
	H-8200	\$35,000	4/68	0	2740 E	5	540 E
IBM (N)	305	\$3600	12/57	C		X	
White Plains, N.Y.	360/20	\$3000	12/65	6000 E		6000 E	
	360/25	\$5330	1/68	C		C	
	360/30	\$9340	5/65	6000 E		3500 E	
	360/40	\$19,550	4/65	3000 E		2000 E	
	360/44	\$12,180	7/66	C		C	
	360/50	\$32,960	8/65	C		C	
	360/65	\$56,650	11/65	C		C	
	360/67	\$138,000	10/66	C		C	
	360/75	\$81,400	2/66	C		C	
	360/85	\$158,000	-	0		C	
	360/90 Series	-	10/67	C		C	
	650	\$4800	11/54	C		X	
	1130	\$1545	2/66	2700 E		4500 E	
	1401	\$6480	9/60	7650 E		X	
	1401-G	\$2300	5/64	1700 E		X	
	1401-H	\$1300	6/67	C		C	
	1410	\$17,000	11/61	C		C	
	1440	\$4300	4/63	3600 E		C	
	1460	\$10,925	10/63	1400 E		X	
	1620 I, II	\$4000	9/60	1500 E		C	
	1800	\$4800	1/66	C		C	
	701	\$5000	4/53	C		X	
	7010	\$26,000	10/63	C		C	
	702	\$6900	2/55	C		X	
	7030	\$160,000	5/61	C		X	
	704	\$32,000	12/55	C		X	
	7040	\$25,000	6/63	C		C	
	7044	\$36,500	6/63	C		C	
	705	\$38,000	11/55	C		X	
	7070, 2, 4	\$27,000	3/60	C		X	
	7080	\$60,000	8/61	C		X	
	709	\$40,000	8/58	C		X	
	7090	\$63,500	11/59	C		X	
	7094	\$75,500	9/62	C		X	
	7094 II	\$82,500	4/64	C	37,700 E	C	18,300 E
Interdata (R)	Model 2	\$200-\$300	-	0		3	
Oceanport, N.J.	Model 3	\$300-\$500	3/67	52		110	
	Model 4	\$400-\$800	-	0	52	5	105
National Cash Register Co. (R)	NCR-304	\$14,000	1/60	24		X	
Dayton, Ohio	NCR-310	\$2500	5/61	10		X	
	NCR-315	\$8500	5/62	640		150	
	NCR-315-RMC	\$12,000	9/65	80		50	
	NCR-390	\$1850	5/61	650		6	
	NCR-500	\$1500	10/65	1850		580	
	NCR-Century-100	\$2645	-	-		C	
	NCR-Century-200	\$7500	-	-	3254	C	1050 E
Pacific Data Systems Inc. (R)	PDS 1020	\$550-\$900	2/64	135	135	20	20
Santa Ana, Calif.	1000	\$7010	6/63	16		X	
Philco (R)	2000-210, 211	\$40,000	10/58	16		X	
Willow Grove, Pa.	2000-212	\$52,000	1/63	12	44	X	0
Potter Instrument Co., Inc.	PC-9600	\$12,000 (S)	-	-	-	-	-
Plainview, N.Y.	RCA 301	\$7000	2/61	635		C	
Radio Corp. of America (R)	RCA 3301	\$17,000	7/64	75		C	
Cherry Hill, N.J.	RCA 501	\$14,000	6/59	96		X	
	RCA 601	\$35,000	11/62	3		X	
	Spectra 70/15	\$4500	9/65	160		125	
	Spectra 70/25	\$6500	9/65	85		57	
	Spectra 70/35	\$10,400	1/67	52		135	
	Spectra 70/45	\$22,000	11/65	80		107	
	Spectra 70/46	\$34,400	-	0		C	
	Spectra 70/55	\$34,300	11/66	5	1190 E	14	420 E
Raytheon (R)	250	\$1200	12/60	175		X	
Santa Ana, Calif.	440	\$3500	3/64	20		X	
	520	\$3200	10/65	27		0	
	703	(S)	10/67	20	242	48	48
Scientific Control Corp. (R)	650	\$500	5/66	27		3	
Dallas, Tex.	655	\$1800	10/66	20		48	
	660	\$2000	10/65	4		0	
	670	\$2600	5/66	1		0	
	6700	\$30,000	10/67	0	52	1	52
Scientific Data Syst., Inc. (N)	SDS-92	\$1500	4/65	120 E		10 E	
Santa Monica, Calif.	SDS-910	\$2000	8/62	225 E		25 E	
	SDS-920	\$2900	9/62	200 E		20	
	SDS-925	\$3000	12/64	C		C	
	SDS-930	\$3400	6/64	225 E		30	
	SDS-940	\$10,000	4/66	C		C	
	SDS-9300	\$7000	11/64	C		C	
	Sigma 2	\$1000	12/66	55 E		160	
	Sigma 5	\$6000	8/67	C		50	
	Sigma 7	\$12,000	12/66	C	980 E	C	360 E

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILLED ORDERS
Standard Computer Corp. (N) Los Angeles, Calif.	IC 4000 IC 6000	\$9000 \$10,000-\$22,000	7/68 5/67	0 7	7	2 E 12 E	14 E
Systems Engineering Labs (R) Ft. Lauderdale, Fla.	SEL 810 SEL 810A SEL 810B SEL 840 SEL 840A SEL 840 MP	\$1000 \$900 ? \$1400 \$1400 ?	9/65 8/66 - 11/65 8/66 1/68	24 54 0 4 27 3	112	X 37 8 X 29 6	80
UNIVAC, Div. of Sperry Rand (R) New York, N.Y.	I & II III File Computers Solid-State 80 I, II, 90, I, II & Step 418 490 Series 1004 1005 1050 1100 Series (except 1107 & 1108) 1107 1108 9200 9300 LARC	\$25,000 \$20,000 \$15,000 \$8000 \$11,000 \$35,000 \$1900 \$2400 \$8000 \$35,000 \$55,000 \$65,000 \$1500 \$3400 \$135,000	3/51 & 11/57 8/62 8/56 8/58 6/63 12/61 2/63 4/66 9/63 12/50 10/62 9/65 6/67 7/67 5/60	23 67 13 222 118 190 3200 960 285 9 33 80 110 30 2	5340 E	X X X X 140 16 X X 75 900 650 X	1860 E
Varian Data Machines (R) Newport Beach, Calif.	620 620i	\$900 \$500	11/65 6/67	75 128	203	0 396	396
I. U.S. Manufacturers, TOTAL					59,000 E		25,600 E
II. Non-United States Manufacturers							
A/S Regnecentralen (R) Copenhagen, Denmark	GIER RC 4000	\$2300-\$7500 \$3000-\$20,000	12/60 6/67	36 1	37	2 1	3
Elbit Computers Ltd. (R) Haifa, Israel	Elbit-100	\$4900 (S)	10/67	7	7	36	36
English Electric Computers Ltd. (R) London, England	LEO I LEO II LEO III LEO 360 LEO 326 DEUCE KDF 6 KDF 8-10 KDF 9 KDN 2 KDF 7 SYSTEM 4-30 SYSTEM 4-40 SYSTEM 4-50 SYSTEM 4-70 SYSTEM 4-75 ELLIOTT 903 ELLIOTT 4120 ELLIOTT 4130	- - \$9600-\$24,000 \$9600-\$28,800 \$14,400-\$36,000 - - - \$9600-\$36,000 - - \$1920-\$12,000 \$3600-\$14,400 \$7200-\$24,000 \$8400-\$28,800 \$9600-\$36,000 \$9600-\$40,800 \$640-\$1570 \$1600-\$4400 \$2200-\$9000	-/53 6/57 4/62 2/65 5/65 4/55 12/63 9/61 4/63 4/63 5/66 10/67 5/69 5/67 1/68 9/68 1/66 10/65 6/66	3 11 39 8 11 32 17 12 28 8 8 3 - 9 2 - 52 82 23	348	X X X X X X X X X X X C C C C C C C C	110
G.E.C. Computers & Automa- tion Ltd. (R) Wembley, Middlesex, England	90-2 90-10 90-20 90-25 90-30 90-40 90-300 S-2 S-5 S-7 GEC-TRW130 GEC-TRW330	- - - - - - - - - - - - - -	10/65 8/66 - 7/66 10/65 - 11/66 1/68 - - - 12/64 3/63	5 1 0 2 1 0 1 1 0 0 0 2 7	20	C C C 1 1 C 1 0 C C X X	3
International Computers and Tabulators Ltd. (R) London, England	1901 to 1909 1200/1/2 1300/1/2 1300 1100/1 2400 Atlas 1 & 2 Orion 1 & 2 Sirius Mercury Pegasus 1 & 2	\$4000-\$27,000 - \$3500 \$5200 - - \$70,000 \$40,000 - - -	12/64-12/66 -/55 -/62 7/62 -/60 12/61 -/62 1/63 -/61 -/57 -/56	652 62 195 114 22 4 5 17 22 19 33	1145	396 3 17 5 1 0 1 0 0 0 0	423
The Marconi Co., Ltd. Chelmsford, Essex, England	Myriad I Myriad II	£36,000-£66,000 £22,000-£42,500	3/66 10/67	22 0	22	23 12	35
N.V. Philips' Computer Industrie Apeldoorn, Netherlands	PI000	?	6/68	0	0	5 E	5 E
Saab Aktiebolag (R) Linköping, Sweden	DATASAB D21 DATASAB D22	\$5000-\$14,000 \$8000-\$60,000	12/62 5/68	30 0	30	3 8	11
Siemens Aktiengesellschaft Munich, Germany	2002 3003 4004/15 4004/25 4004/35 4004/45 4004/55 301 302 303 304 305	54,000 (Deutsche Marks) 52,000 19,000 32,000 46,000 75,000 103,000 2000 4000 10,000 12,000 14,000	6/59 12/63 10/65 1/66 2/67 7/66 12/66 - 9/67 4/65 - 11/67	43 33 56 22 36 31 2 - 3 58 - 5	289	23 12 2 2 13 12 18 25	186
USSR	Various models	-	-	C	2000 E	C	500 E
II. Non-U.S. Manufacturers, TOTAL					3,900 E		1,300 E
Combined, TOTAL					63,900 E		26,900 E

MONTHLY COMPUTER CENSUS

The following is a summary made by "Computers and Automation" of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide.

Our census has begun to include computers manufactured by organizations outside the United States. We invite all manufacturers located anywhere to submit information for this census. We also invite our readers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (R) - figures derived all or in part from information released directly or indirectly by the manufacturer, or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (S) - sale only
- X - no longer in production
- C - figure is combined in a total (see column to the right)
- E - figures estimated by "Computers and Automation"
- ? - information not received at press time

AS OF JUNE 15, 1968

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTAL-LATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILLED ORDERS
I. United States Manufacturers							
Autonetics (R) Anaheim, Calif.	RECOMP II	\$2495	11/58	30		X	
	RECOMP III	\$1495	6/61	6	36	X	0
Bailey Meter Co, Wickliffe, Ohio	Bailey 756	\$60,000-\$400,000 (S)	2/65	14		5	
	Bailey 855	\$100,000 (S)	4/68	0	14	10	15
Bunker-Ramo Corp. (R) Canoga Park, Calif.	BR-130	\$2000	10/61	160		X	
	BR-133	\$2400	5/64	62		X	
	BR-230	\$2680	8/63	15		X	
	BR-300	\$3000	3/59	18		X	
	BR-330	\$4000	12/60	23		X	
	BR-340	\$7000	12/63	19	297	X	0
Burroughs (R) Detroit, Mich.	205	\$4600	1/54	38		X	
	220	\$14,000	10/58	31		X	
	B200 Series, B100	\$5400	11/61	800		31	
	B300 Series	\$9000	7/65	370		150	
	B2500	\$5000	2/67	35		95	
	B3500	\$14,000	5/67	24		74	
	B5500	\$22,000	3/63	74		12	
	B6500	\$33,000	2/68	0		17	
	B7500	\$44,000	4/69	0		6	
	B8500	\$200,000	8/67	0	1370 E	5	390 E
Control Data Corp. (R) Minneapolis, Minn.	G-15	\$1600	7/55	295		X	
	G-20	\$15,500	4/61	20		X	
	LGP-21	\$725	12/62	165		X	
	LGP-30	\$1300	9/56	322		X	
	RPC-4000	\$1875	1/61	75		X	
	636/136/046 Series	?	-	29		C	
	160*/8090 Series	\$2100-\$12,000	5/60	610		X	
	924/924A	\$11,000	8/61	29		X	
	1604/A/B	\$45,000	1/60	59		X	
	1700	\$3500	5/66	100		C	
	3100/3200/3300	\$10,000-\$16,250	5/64	261		C	
	3400/3600/3800	\$18,000-\$48,750	6/63	79		C	
	6400/6500/6600	\$52,000-\$117,000	8/64	63		C	
	6800	\$130,000	6/67	0		(as of C	
	7600	\$150,000	12/68	0	2107 12/30/67)	C	360 E
Digital Electronics Inc. (R) Plainview, N.Y.	DIGIAC 3080	\$19,500 (S)	12/64	11		1	
	DIGIAC 3080C	\$25,000 (S)	10/67	1	12	1	2
Digital Equipment Corp. (R) Maynard, Mass.	PDP-1	\$3400	11/60	59		X	
	PDP-4	\$1700	8/62	55		X	
	PDP-5	\$900	9/63	114		X	
	PDP-6	\$10,000	10/64	22		X	
	PDP-7	\$1300	11/64	165		C	
	PDP-8	\$525	4/65	1300		C	
	PDP-8/S	\$300	9/66	700		C	
	PDP-9	\$1000	12/66	85		C	
	PDP-10	\$7500	12/67	6		C	
	LINC-8	?	9/66	105	2611 E	C	450 E
Electronic Assoc., Inc. (R) Long Branch, N.J.	640	\$1200	4/67	36		16	
	8400	\$12,000	7/65	21	57	4	20
EMR Computer Div. (R) Minneapolis, Minn.	AST 210	\$3850	4/62	10		X	
	AST 2100	\$4200	12/63	7		X	
	ADVANCE 6020	\$4400	4/65	21		C	
	ADVANCE 6040	\$5600	7/65	9		C	
	ADVANCE 6050	\$9000	2/66	13		C	
	ADVANCE 6070	\$15,000	10/66	5		C	
	ADVANCE 6130	\$1550	8/67	10	75	C	27 E
General Electric (N) Phoenix, Ariz.	115	\$1370-\$5000	12/65	620 E		600 E	
	130	\$1500-\$10,000	-	0		C	
	205	\$2500-\$10,000	6/64	C		X	
	210	\$16,000-\$22,000	7/59	C		X	
	215	\$2500-\$10,000	9/63	C		X	
	225	\$2500-\$26,000	4/61	200 E		X	
	235	\$6000-\$28,000	4/64	130 E		C	
	255	\$15,000-\$26,000	10/67	C		C	
	265	\$17,000-\$28,000	7/64	C		C	
	405	\$5120-\$10,000	11/67	C		C	
	415	\$4800-\$13,500	5/64	380 E		70 E	
	420	\$18,000-\$28,000	7/67	C		C	
	425	\$6000-\$20,000	6/64	130 E		C	
	435	\$8000-\$25,000	9/65	C		C	
	625	\$31,000-\$135,000	4/65	C		C	
	635	\$35,000-\$167,000	5/65	C		C	
	645	\$40,000-\$250,000	7/66	C	1800 E	C	900 E
Hewlett-Packard (R) Palo Alto, Calif.	2116A	\$600	11/66	96		C	
	2115A	\$412	11/67	79	167	C	32 E
Honeywell(R) Computer Control Div. Framingham, Mass.	DDP-24	\$2500	5/63	93		X	
	DDP-116	\$900	4/65	200		30	
	DDP-124	\$2050	3/66	64		30	
	DDP-224	\$3300	3/65	52		8	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILLED ORDERS
Honeywell, Computer Control Div. (cont'd)	DDP-516	\$700	9/66	155		150	
	H632	\$2700	-	0	564	?	218
Honeywell (R) EDP Division Wellesley Hills, Mass.	H-110	\$2500	8/68	0		C	
	H-120	\$3900	1/66	650		240	
	H-125	\$3900	12/67	20		75	
	H-200	\$8400	3/64	1130		87	
	H-400	\$8500	12/61	120		X	
	H-800	\$28,000	12/60	89		X	
	H-1200	\$9500	2/66	175		130	
	H-1250	\$9500	7/68	0		20	
	H-1400	\$14,000	1/64	12		X	
	H-1800	\$42,000	1/64	21		X	
	H-2200	\$12,000	1/66	78		71	
	H-4200	\$20,500	6/67	0		20	
H-8200	\$35,000	4/68	0		5	650 E	
IBM (N) White Plains, N.Y.	305	\$3600	12/57	C		X	
	360/20	\$3000	12/65	7200 E		5000 E	
	360/25	\$5330	1/68	C		1000 E	
	360/30	\$9340	5/65	6600 E		3000 E	
	360/40	\$19,550	4/65	3200 E		1500 E	
	360/44	\$12,180	7/66	C		C	
	360/50	\$32,960	8/65	C		C	
	360/65	\$56,650	11/65	C		C	
	360/67	\$138,000	10/66	C		C	
	360/75	\$81,400	2/66	C		C	
	360/85	\$158,000	-	0		C	
	360/90 Series	-	10/67	C		C	
	650	\$4800	11/54	C		X	
	1130	\$1545	2/66	3400 E		4500 E	
	1401	\$6480	9/60	7000 E		X	
	1401-G	\$2300	5/64	1600 E		X	
	1401-H	\$1300	6/67	C		C	
	1410	\$17,000	11/61	C		C	
	1440	\$4300	4/63	3600 E		C	
	1460	\$10,925	10/63	1400 E		X	
	1620 I, II	\$4000	9/60	1500 E		C	
	1800	\$4800	1/66	C		C	
	701	\$5000	4/53	C		X	
	7010	\$26,000	10/63	C		C	
	702	\$6900	2/55	C		X	
	7030	\$160,000	5/61	C		X	
	704	\$32,000	12/55	C		X	
	7040	\$25,000	6/63	C		C	
	7044	\$36,500	6/63	C		C	
	705	\$38,000	11/55	C		X	
	7070, 2, 4	\$27,000	3/60	C		X	
	7080	\$60,000	8/61	C		X	
	709	\$40,000	8/58	C		X	
7090	\$63,500	11/59	C		X		
7094	\$75,500	9/62	C		X		
7094 II	\$82,500	4/64	C		39,600 E	16,000 E	
Interdata (R) Oceanport, N.J.	Model 2	\$200-\$300	-	0		3	
	Model 3	\$300-\$500	3/67	52		110	
	Model 4	\$400-\$800	-	0	52	5	105
National Cash Register Co. (R) Dayton, Ohio	NCR-304	\$14,000	1/60	24		X	
	NCR-310	\$2500	5/61	10		X	
	NCR-315	\$8500	5/62	650		150	
	NCR-315-RMC	\$12,000	9/65	80		50	
	NCR-390	\$1850	5/61	660		6	
	NCR-500	\$1500	10/65	1860		580	
	NCR-Century-100	\$2645	-	-		C	
	NCR-Century-200	\$7500	-	-		C	1050 E
Pacific Data Systems Inc. (R) Santa Ana, Calif.	PDS 1020	\$550-\$900	2/64	135	135	20	20
Philco (R) Willow Grove, Pa.	1000	\$7010	6/63	16		X	
	2000-210, 211	\$40,000	10/58	16		X	
	2000-212	\$52,000	1/63	12	44	X	0
Potter Instrument Co., Inc. Plainview, N.Y.	PC-9600	\$12,000 (S)	-	-	-	-	-
Radio Corp. of America (R) Cherry Hill, N.J.	RCA 301	\$7000	2/61	635		C	
	RCA 3301	\$17,000	7/64	75		C	
	RCA 501	\$14,000	6/59	96		X	
	RCA 601	\$35,000	11/62	3		X	
	Spectra 70/15	\$4500	9/65	190		120	
	Spectra 70/25	\$6500	9/65	102		57	
	Spectra 70/35	\$10,400	1/67	60		135	
	Spectra 70/45	\$22,000	11/65	110		85	
	Spectra 70/46	\$34,400	-	0		C	
Spectra 70/55	\$34,300	11/66	7	1270 E	14	420 E	
Raytheon (R) Santa Ana, Calif.	250	\$1200	12/60	175		X	
	440	\$3500	3/64	20		X	
	520	\$3200	10/65	27		0	
	703	(S)	10/67	25	247	47	47
Scientific Control Corp. (R) Dallas, Tex.	650	\$500	5/66	27		3	
	655	\$1800	10/66	22		46	
	660	\$2000	10/65	4		0	
	670	\$2600	5/66	1		0	
	6700	\$30,000	10/67	0	54	1	50
Scientific Data Syst., Inc. (N) Santa Monica, Calif.	SDS-92	\$1500	4/65	120 E		10 E	
	SDS-910	\$2000	8/62	225 E		25 E	
	SDS-920	\$2900	9/62	200 E		20	
	SDS-925	\$3000	12/64	C		C	
	SDS-930	\$3400	6/64	235 E		30	
	SDS-940	\$10,000	4/66	C		C	
	SDS-9300	\$7000	11/64	C		C	
	Sigma 2	\$1000	12/66	80 E		160	
	Sigma 5	\$6000	8/67	C		50	
	Sigma 7	\$12,000	12/66	C	1000 E	C	330 E

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL UNFULFILLED ORDERS
Standard Computer Corp. (B) Los Angeles, Calif.	IC 4000 IC 6000	\$9000 \$10,000-\$22,000	7/68 5/67	0 7		2 E 12 E	
Systems Engineering Labs (R) Ft. Lauderdale, Fla.	SEL 810 SEL 810A SEL 810B SEL 840 SEL 840A SEL 840 MP	\$1000 \$900 ? \$1400 \$1400 ?	9/65 8/66 - 11/65 8/66 1/68	24 65 0 4 35 5		X 30 9 X 28 6	14 E 73
UNIVAC, Div. of Sperry Rand (R) New York, N.Y.	I & II III File Computers Solid-State 80 I, II, 90, I, II & Step 418 490 Series 1004 1005 1050 1100 Series (except 1107 & 1108) 1107 1108 9200 9300 9400 LARC	\$25,000 \$20,000 \$15,000 \$8000 \$11,000 \$35,000 \$1900 \$2400 \$8000 \$35,000 \$55,000 \$65,000 \$1500 \$3400 \$7000 \$135,000	3/51 & 11/57 8/62 8/56 8/58 6/63 12/61 2/63 4/66 9/63 12/50 10/62 9/65 6/67 7/67 5/69 5/60	23 77 13 210 135 190 3100 1090 280 9 33 105 170 85 0 2	133	X X X X 20 35 20 90 10 X X 75 850 550 60 X	
Varian Data Machines (R) Newport Beach, Calif.	620 620i	\$900 \$500	11/65 6/67	75 140	5522 E 215	0 410	1710 E 410
I. U.S. Manufacturers, TOTAL					62,800 E		23,300 E
<u>II. Non-United States Manufacturers</u>							
A/S Regnecentralen (R) Copenhagen, Denmark	GIER RC 4000	\$2300-\$7500 \$3000-\$20,000	12/60 6/67	36 1		2 1	
Elbit Computers Ltd. (R) Haifa, Israel	Elbit-100	\$4900 (S)	10/67	12	37 12	37	37
English Electric Computers Ltd. (R) London, England	LEO I LEO II LEO III LEO 360 LEO 326 DEUCE KDF 6 KDF 8-10 KDF 9 KDN 2 KDF 7 SYSTEM 4-30 SYSTEM 4-40 SYSTEM 4-50 SYSTEM 4-70 SYSTEM 4-75 ELLIOTT 903 ELLIOTT 4120 ELLIOTT 4130	- - \$9600-\$24,000 \$9600-\$28,800 \$14,400-\$36,000 - - - \$9600-\$36,000 - \$1920-\$12,000 \$3600-\$14,400 \$7200-\$24,000 \$8400-\$28,800 \$9600-\$36,000 \$9600-\$40,800 \$640-\$1570 \$1600-\$4400 \$2200-\$9000	-/53 6/57 4/62 2/65 5/65 4/55 12/63 9/61 4/63 4/63 5/66 10/67 5/69 5/67 1/68 9/68 1/66 10/65 6/66	3 11 39 8 11 32 17 12 28 8 8 3 - 9 2 - 52 82 23		X X X X X X X X X X C C C C C C C C C	110
G.E.C. Computers & Automation Ltd. (R) Wembley, Middlesex, England	90-2 90-10 90-20 90-25 90-30 90-40 90-300 S-2 S-5 S-7 GEC-TRW130 GEC-TRW330	- - - - - - - - - - - - -	10/65 8/66 - 7/66 10/65 - 11/66 1/68 - - - 12/64 3/63	5 1 0 2 1 0 1 1 0 0 0 2 7	20	C C C 1 1 C 1 0 C C C X X	3
International Computers and Tabulators Ltd. (R) London, England	1901 to 1909 1200/1/2 1300/1/2 1300 1100/1 2400 Atlas 1 & 2 Orion 1 & 2 Sirius Mercury Pegasus 1 & 2	\$4000-\$27,000 - \$3500 \$5200 - - \$70,000 \$40,000 - - -	12/64-12/66 -/55 -/62 7/62 -/60 12/61 -/62 1/63 -/61 -/57 -/56	708 62 195 114 22 4 5 17 22 19 33		372 3 18 5 1 0 1 0 0 0 0	400
The Marconi Co., Ltd. Chelmsford, Essex, England	Myriad I Myriad II	£36,000-£66,000 £22,000-£42,500	3/66 10/67	26 3		19 9	28
N.V. Philips' Computer Industrie Apeldoorn, Netherlands	P1000	?	6/68	0	0	5 E	5 E
Saab Aktiebolag (R) Linkoping, Sweden	DATASAAB D21 DATASAAB D22	\$5000-\$14,000 \$8000-\$60,000	12/62 5/68	31 1		3 9	12
Siemens Aktiengesellschaft Munich, Germany	2002 3003 4004/15 4004/25 4004/35 4004/45 4004/55 301 302 303 304 305	54,000 (Deutsche 52,000 Marks) 19,000 " 32,000 " 46,000 " 75,000 " 103,000 " 2000 " 4000 " 10,000 " 12,000 " 14,000 "	6/59 12/63 10/65 1/66 2/67 7/66 12/66 - 9/67 4/65 - 11/67	42 33 57 27 43 40 3 - 7 64 - 12		- - 25 6 55 47 3 5 10 10 26 24	205
USSR	Various models	-	-	C	2500 E	C	700 E
II. Non-U.S. Manufacturers, TOTAL					4400 E		1500 E
Combined, TOTAL					67,200 E		24,800 E

MONTHLY COMPUTER CENSUS

The following is a summary made by "Computers and Automation" of reports and estimates of the number of general purpose electronic digital Computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide.

Our census has begun to include computers manufactured by organizations outside the United States. We invite all manufacturers located anywhere to submit information for this census. We also invite our readers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (R) - figures derived all or in part from information released directly or indirectly by the manufacturer, or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (S) - sale only
- X - no longer in production
- C - figure is combined in a total (see column to the right)
- E - figures estimated by "Computers and Automation"
- ? - information not received at press time

AS OF JULY 15, 1968

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILLED ORDERS
I. United States Manufacturers							
Autonetics (R)	RECOMP II	\$2495	11/58	30		X	
Anaheim, Calif.	RECOMP III	\$1495	6/61	6	36	X	0
Bailey Meter Co.	Bailey 756	\$60,000-\$400,000 (S)	2/65	14		5	
Wickliffe, Ohio	Bailey 855	\$100,000 (S)	4/68	0	14	10	15
Bunker-Ramo Corp. (R)	BR-130	\$2000	10/61	160		X	
Canoga Park, Calif.	BR-133	\$2400	5/64	62		X	
	BR-230	\$2680	8/63	15		X	
	BR-300	\$3000	3/59	18		X	
	BR-330	\$4000	12/60	23		X	
	BR-340	\$7000	12/63	19	297	X	0
Burroughs (R)	205	\$4600	1/54	38		X	
Detroit, Mich.	220	\$14,000	10/58	31		X	
	B200 Series, B100	\$5400	11/61	800		31	
	B300 Series	\$9000	7/65	370		150	
	B2500	\$5000	2/67	35		95	
	B3500	\$14,000	5/67	24		74	
	B5500	\$22,000	3/63	74		12	
	B6500	\$33,000	2/68	0		17	
	B7500	\$44,000	4/69	0		6	
	B8500	\$200,000	8/67	0	1370 E	5	390 E
Control Data Corp. (R)	G-15	\$1600	7/55	295		X	
Minneapolis, Minn.	G-20	\$15,500	4/61	20		X	
	LGP-21	\$725	12/62	165		X	
	LGP-30	\$1300	9/56	322		X	
	RPC-4000	\$1875	1/61	75		X	
	636/136/046 Series	?	-	29		C	
	160*/8090 Series	\$2100-\$12,000	5/60	610		X	
	924/924A	\$11,000	8/61	29		X	
	1604/A/B	\$45,000	1/60	59		X	
	1700	\$3500	5/66	100		C	
	3100/3200/3300	\$10,000-\$16,250	5/64	261		C	
	3400/3600/3800	\$18,000-\$48,750	6/63	79		C	
	6400/6500/6600	\$52,000-\$117,000	8/64	63		C	
	6800	\$130,000	6/67	0	(as of	C	
	7600	\$150,000	12/68	0	2107 12/30/67)	C	360 E
Digital Electronics Inc. (R)	DIGIAC 3080	\$19,500 (S)	12/64	11		1	
Plainview, N.Y.	DIGIAC 3080C	\$25,000 (S)	10/67	1	12	1	2
Digital Equipment Corp. (R)	PDP-1	\$3400	11/60	59		X	
Maynard, Mass.	PDP-4	\$1700	8/62	55		X	
	PDP-5	\$900	9/63	114		X	
	PDP-6	\$10,000	10/64	22		X	
	PDP-7	\$1300	11/64	165		C	
	PDP-8	\$525	4/65	1300		C	
	PDP-8/S	\$300	9/66	700		C	
	PDP-9	\$1000	12/66	85		C	
	PDP-10	\$7500	12/67	6		C	
	LINC-8	?	9/66	105	2611 E	C	450 E
Electronic Assoc., Inc. (R)	640	\$1200	4/67	42		18	
Long Branch, N.J.	8400	\$12,000	7/65	21	63	4	22
EMR Computer Div. (R)	ASI 210	\$3850	4/62	C		X	
Minneapolis, Minn.	ASI 2100	\$4200	12/63	C		X	
	ADVANCE 6020	\$4400	4/65	C		C	
	ADVANCE 6040	\$5600	7/65	C		C	
	ADVANCE 6050	\$9000	2/66	C		C	
	ADVANCE 6070	\$15,000	10/66	C		C	
	ADVANCE 6130	\$1550	8/67	19	85	C	18
General Electric (N)	115	\$1370-\$5000	4/66	620 E		600 E	
Phoenix, Ariz.	130	\$4350-\$15,000	-	0		C	
	205	\$2500-\$10,000	6/64	C		X	
	210	\$16,000-\$22,000	7/60	C		X	
	215	\$2500-\$10,000	9/63	C		X	
	225	\$2500-\$16,000	4/61	200 E		X	
	235	\$6000-\$18,000	4/64	130 E		C	
	255	\$15,000-\$19,000	10/67	C		C	
	265	\$17,000-\$20,000	10/65	C		C	
	405	\$5120-\$10,000	2/68	C		C	
	415	\$4800-\$13,500	5/64	380 E		70 E	
	420	\$17,000-\$20,000	6/67	C		C	
	425	\$6000-\$20,000	6/64	130 E		C	
	430	\$15,500-\$19,000	-	0		C	
	435	\$8000-\$25,000	9/65	C		C	
	440	\$22,200-\$27,000	-	0		C	
	625	\$31,000-\$135,000	4/65	C		C	
	635	\$35,000-\$167,000	5/65	C		C	
	645	\$40,000-\$250,000	7/66	C	1800 E	C	900 E
Hewlett-Packard (R)	2116A	\$600	11/66	102		C	
Palo Alto, Calif.	2115A	\$412	11/67	103	205	C	50 E

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL UNFULFILLED ORDERS
Honeywell (R) Computer Control Div. Framingham, Mass.	DDP-24	\$2500	5/63	93		X	
	DDP-116	\$900	4/65	200		30	
	DDP-124	\$2050	3/66	64		30	
	DDP-224	\$3300	3/65	52		8	
	DDP-516	\$700	9/66	155		150	
	H632	\$2700	-	0	564	?	218
Honeywell (R) EDP Division Wellesley Hills, Mass.	H-110	\$2500	8/68	0		C	
	H-120	\$3900	1/66	650		240	
	H-125	\$3900	12/67	20		75	
	H-200	\$8400	3/64	1130		87	
	H-400	\$8500	12/61	120		X	
	H-800	\$28,000	12/60	89		X	
	H-1200	\$9500	2/66	175		130	
	H-1250	\$9500	7/68	0		20	
	H-1400	\$14,000	1/64	12		X	
	H-1800	\$42,000	1/64	21		X	
	H-2200	\$12,000	1/66	78		71	
	H-4200	\$20,500	6/67	0		20	
	H-8200	\$35,000	4/68	0	2200 E	5	650 E
IBM (N) White Plains, N.Y.	305	\$3600	12/57	C		X	
	360/20	\$3000	12/65	7200 E		5000 E	
	360/25	\$5330	1/68	C		1000 E	
	360/30	\$9340	5/65	6600 E		3000 E	
	360/40	\$19,550	4/65	3200 E		1500 E	
	360/44	\$15,000	7/66	C		C	
	360/50	\$32,960	8/65	C		C	
	360/65	\$69,850	11/65	C		C	
	360/67	\$138,000	10/66	C		C	
	360/75	\$81,400	2/66	C		C	
	360/85	\$115,095	-	0		C	
	360/90 Series	-	10/67	C		C	
	650	\$4800	11/54	C		X	
	1130	\$1545	2/66	3400 E		4500 E	
	1401	\$6480	9/60	7000 E		X	
	1401-G	\$2300	5/64	1600 E		X	
	1401-H	\$1300	6/67	C		C	
	1410	\$17,000	11/61	C		C	
	1440	\$4300	4/63	3600 E		C	
	1460	\$10,925	10/63	1400 E		X	
	1620 I, II	\$4000	9/60	1500 E		C	
	1800	\$4800	1/66	C		C	
	701	\$5000	4/53	C		X	
	7010	\$26,000	10/63	C		C	
	702	\$6900	2/55	C		X	
	7030	\$160,000	5/61	C		X	
	704	\$32,000	12/55	C		X	
	7040	\$25,000	6/63	C		C	
	7044	\$36,500	6/63	C		C	
	705	\$38,000	11/55	C		X	
	7070, 2, 4	\$27,000	3/60	C		X	
	7080	\$60,000	8/61	C		X	
709	\$40,000	8/58	C		X		
7090	\$63,500	11/59	C		X		
7094	\$75,500	9/62	C		X		
7094 II	\$82,500	4/64	C		39,600 E	C	16,000 E
Interdata (R) Oceanport, N.J.	Model 2	\$200-\$300	-	0		3	
	Model 3	\$300-\$500	3/67	52		110	
	Model 4	\$400-\$800	-	0	52	5	105
National Cash Register Co. (R) Dayton, Ohio	NCR-304	\$14,000	1/60	24		X	
	NCR-310	\$2500	5/61	10		X	
	NCR-315	\$8500	5/62	650		150	
	NCR-315-RMC	\$12,000	9/65	80		50	
	NCR-390	\$1850	5/61	660		6	
	NCR-500	\$1500	10/65	1860		580	
	NCR-Century-100	\$2645	-	-		C	
NCR-Century-200	\$7500	-	-		3284	C	1050 E
Pacific Data Systems Inc. (R) Santa Ana, Calif.	PDS 1020	\$550-\$900	2/64	145	145	10	10
Philco (R) Willow Grove, Pa.	1000	\$7010	6/63	16		X	
	2000-210, 211	\$40,000	10/58	16		X	
	2000-212	\$52,000	1/63	12	44	X	0
Potter Instrument Co., Inc. Plainview, N.Y.	PC-9600	\$12,000 (S)	-	-	-	-	-
Radio Corp. of America (R) Cherry Hill, N.J.	RCA 301	\$7000	2/61	635		C	
	RCA 3301	\$17,000	7/64	75		C	
	RCA 501	\$14,000	6/59	96		X	
	RCA 601	\$35,000	11/62	3		X	
	Spectra 70/15	\$4500	9/65	190		120	
	Spectra 70/25	\$6500	9/65	102		57	
	Spectra 70/35	\$10,400	1/67	60		135	
	Spectra 70/45	\$22,000	11/65	110		85	
	Spectra 70/46	\$34,400	-	0		C	
	Spectra 70/55	\$34,300	11/66	7		1270 E	14
Raytheon (R) Santa Ana, Calif.	250	\$1200	12/60	175		X	
	440	\$3500	3/64	20		X	
	520	\$3200	10/65	27		0	
	703	(S)	10/67	43	265	37	37
Scientific Control Corp. (R) Dallas, Tex.	650	\$500	5/66	29		1	
	655	\$1800	10/66	25		44	
	660	\$2000	10/65	5		9	
	670	\$2600	5/66	1		0	
	6700	\$30,000	10/67	0	60	1	55
Scientific Data Syst., Inc. (N) Santa Monica, Calif.	SDS-92	\$1500	4/65	120 E		10 E	
	SDS-910	\$2000	8/62	225 E		25 E	
	SDS-920	\$2900	9/62	200 E		20	
	SDS-925	\$3000	12/64	C		C	
	SDS-930	\$3400	6/64	235 E		30	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILLED ORDERS	
Scientific Data Syst., Inc. (cont'd)	SDS-940	\$10,000	4/66	C		C		
	SDS-9300	\$7000	11/64	C		C		
	Sigma 2	\$1000	12/66	80 E		160		
	Sigma 5	\$6000	8/67	C		50		
	Sigma 7	\$12,000	12/66	C	1000 E	C	330 E	
Standard Computer Corp. (N) Los Angeles, Calif.	IC 4000	\$9000	7/68	0		2 E		
	IC 6000	\$10,000-\$22,000	5/67	7	7	12 E	14 E	
Systems Engineering Labs (R) Ft. Lauderdale, Fla.	SEL 810	\$1000	9/65	24		X		
	SEL 810A	\$900	8/66	70		45		
	SEL 810B	?	-	1		9		
	SEL 840	\$1400	11/65	4		X		
	SEL 840A	\$1400	8/66	35		28		
	SEL 840 MP	?	1/68	5	139	7	89	
UNIVAC, Div. of Sperry Rand (R) New York, N.Y.	I & II	\$25,000	3/51 & 11/57	23		X		
	III	\$20,000	8/62	77		X		
	File Computers	\$15,000	8/56	13		X		
	Solid-State 80 I, II, 90, I, II & Step	\$8000	8/58	210		X		
	418	\$11,000	6/63	135		20		
	490 Series	\$35,000	12/61	190		35		
	1004	\$1900	2/63	3100		20		
	1005	\$2400	4/66	1090		90		
	1050	\$8000	9/63	280		10		
	1100 Series (except 1107 & 1108)	\$35,000	12/50	9		X		
	1107	\$55,000	10/62	33		X		
	1108	\$65,000	9/65	105		75		
	9200	\$1500	6/67	170		850		
	9300	\$3400	7/67	85		550		
	9400	\$7000	5/69	0		60		
	LARC	\$135,000	5/60	2	5522 E	X	1710 E	
Varian Data Machines (R) Newport Beach, Calif.	620	\$900	11/65	75		0		
	620i	\$500	6/67	180	255	420	420	
I. U.S. Manufacturers, TOTAL					63,000 E		23,300 E	
II. Non-United States Manufacturers								
A/S Regnecentralen (R) Copenhagen, Denmark	GIER	\$2300-\$7500	12/60	36		2		
	RC 4000	\$3000-\$20,000	6/67	1	37	1	3	
Elbit Computers Ltd. (R) Haifa, Israel	Elbit-100	\$4900 (S)	10/67	19	19	37	37	
English Electric Computers Ltd. (R) London, England	LEO I	-	-/53	3		X		
	LEO II	-	6/57	11		X		
	LEO III	\$9600-\$24,000	4/62	39		X		
	LEO 360	\$9600-\$28,800	2/65	8		X		
	LEO 326	\$14,400-\$36,000	5/65	11		X		
	DEUCE	-	4/55	32		X		
	KDF 6	-	12/63	17		X		
	KDF 8-10	-	9/61	12		X		
	KDF 9	\$9600-\$36,000	4/63	28		X		
	KDN 2	-	4/63	8		X		
	KDF 7	\$1920-\$12,000	5/66	8		X		
	SYSTEM 4-30	\$3600-\$14,400	10/67	3		C		
	SYSTEM 4-40	\$7200-\$24,000	5/69	-		C		
	SYSTEM 4-50	\$8400-\$28,800	5/67	9		C		
	SYSTEM 4-70	\$9600-\$36,000	1/68	2		C		
	SYSTEM 4-75	\$9600-\$40,800	9/68	-		C		
	ELLIOTT 903	\$640-\$1570	1/66	52		C		
ELLIOTT 4120	\$1600-\$4400	10/65	82		C			
ELLIOTT 4130	\$2200-\$9000	6/66	23	348	C	110		
GEC-AEI Automation Ltd. (R) New Parks, Leicester, England	Series 90-2/10/20/25/ 30/40/300	-	3/63-1/68	12		C		
	S-2	-	1/68	1		0		
	S-5	-	-	0		C		
	S-7	-	-	0		C		
	GEC-TRW130	-	12/64	2		X		
	GEC-TRW330	-	3/63	9	25	X	8 E	
	International Computers and Tabulators Ltd. (R) London, England	1901 to 1909	\$4000-\$27,000	12/64-12/66	755		359	
		1200/1/2	-	-/55	54		0	
1300/1/2		\$3500	-/62	199		9		
1500		\$5200	7/62	106		4		
1100/1		-	-/60	21		0		
2400		-	12/61	4		0		
Atlas 1 & 2		\$70,000	-/62	6		0		
Orion 1 & 2		\$40,000	1/63	15		0		
Sirius		-	-/61	21		0		
Mercury		-	-/57	17		0		
Pegasus 1 & 2		-	-/56	25	1223	0	372	
Japanese mfrs.	Various models	-	-	C	2074	C	500 E	
The Marconi Co., Ltd. Chelmsford, Essex, England	Myriad I	£36,000-£66,000	3/66	26		19		
	Myriad II	£22,000-£42,500	10/67	3	29	9	28	
N.V. Philips' Computer Industrie Apeldoorn, Netherlands	PI000	?	6/68	0	0	5 E	5 E	
Saab Aktiebolag (R) Linköping, Sweden	DATASAB D21	\$5000-\$14,000	12/62	31		3		
	DATASAB D22	\$8000-\$60,000	5/68	1	32	10	13	
Siemens Aktiengesellschaft Munich, Germany	2002	54,000 (Deutsche Marks)	6/59	42		-		
	3003	52,000	12/63	34		-		
	4004/15	19,000	10/65	60		23		
	4004/25	32,000	1/66	29		5		
	4004/35	46,000	2/67	57		57		
	4004/45	75,000	7/66	45		40		
	4004/55	103,000	12/66	3		3		
	301	2000	-	-		9		
	302	4000	9/67	8		10		
	303	10,000	4/65	65		8		
	304	12,000	-	1		25		
305	14,000	11/67	17	361	22	202		
USSR	Various models	-	-	C	2500 E	C	700 E	
II. Non-U.S. Manufacturers, TOTAL					6600 E		2000 E	
Combined, TOTAL					69,600 E		25,300 E	

MONTHLY COMPUTER CENSUS

The following is a summary made by "Computers and Automation" of reports and estimates of the number of general purpose electronic digital Computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide.

Our census has begun to include computers manufactured by organizations outside the United States. We invite all manufacturers located anywhere to submit information for this census. We also invite our readers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (R) - figures derived all or in part from information released directly or indirectly by the manufacturer, or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (S) - sale only
- X - no longer in production
- C - figure is combined in a total (see column to the right)
- E - figures estimated by "Computers and Automation"
- ? - information not received at press time

AS OF AUGUST 15, 1968

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTAL-LATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILLED ORDERS
I. United States Manufacturers							
Autonetics (R) Anaheim, Calif.	RECOMP II	\$2495	11/58	30		X	
	RECOMP III	\$1495	6/61	6	36	X	0
Bailey Meter Co. Wickliffe, Ohio	Bailey 756	\$60,000-\$400,000 (S)	2/65	17		3	
	Bailey 855	\$100,000 (S)	4/68	0	17	15	18
Bunker-Ramo Corp. (R) Canoga Park, Calif.	BR-130	\$2000	10/61	160		X	
	BR-133	\$2400	5/64	62		X	
	BR-230	\$2680	8/63	15		X	
	BR-300	\$3000	3/59	18		X	
	BR-330	\$4000	12/60	23		X	
	BR-340	\$7000	12/63	19	297	X	0
Burroughs (R) Detroit, Mich.	205	\$4600	1/54	38		X	
	220	\$14,000	10/58	31		X	
	B200 Series, B100	\$5400	11/61	800		31	
	B300 Series	\$9000	7/65	370		150	
	B2500	\$5000	2/67	35		95	
	B3500	\$14,000	5/67	24		74	
	B5500	\$22,000	3/63	74		12	
	B6500	\$33,000	2/68	0		17	
	B7500	\$44,000	4/69	0		6	
	B8500	\$200,000	8/67	0	1370 E	5	390 E
Control Data Corp. (R) Minneapolis, Minn.	G-15	\$1600	7/55	295		X	
	G-20	\$15,500	4/61	20		X	
	LGP-21	\$725	12/62	165		X	
	LGP-30	\$1300	9/56	322		X	
	RPC-4000	\$1875	1/61	75		X	
	636/136/046 Series	?	-	29		C	
	160*/8090 Series	\$2100-\$12,000	5/60	610		X	
	924/924A	\$11,000	8/61	29		X	
	1604/A/B	\$45,000	1/60	59		X	
	1700	\$3500	5/66	100		C	
	3100/3200/3300	\$10,000-\$16,250	5/64	261		C	
	3400/3600/3800	\$18,000-\$48,750	6/63	79		C	
	6400/6500/6600	\$52,000-\$117,000	8/64	63		C	
	6800	\$130,000	6/67	0		C	
	7600	\$150,000	12/68	0	2107	C	360 E
Digital Electronics Inc. (R) Plainview, N.Y.	DIGIAC 3080	\$19,500 (S)	12/64	11		1	
	DIGIAC 3080C	\$25,000 (S)	10/67	1	12	1	2
Digital Equipment Corp. (R) Maynard, Mass.	PDP-1	\$3400	11/60	59		X	
	PDP-4	\$1700	8/62	55		X	
	PDP-5	\$900	9/63	114		X	
	PDP-6	\$10,000	10/64	22		X	
	PDP-7	\$1300	11/64	165		C	
	PDP-8	\$525	4/65	1300		C	
	PDP-8/S	\$300	9/66	700		C	
	PDP-9	\$1000	12/66	85		C	
	PDP-10	\$7500	12/67	6		C	
	LINC-8	?	9/66	105	2611 E	C	450 E
Electronic Assoc., Inc. (R) Long Branch, N.J.	640	\$1200	4/67	42		18	
	8400	\$12,000	7/65	21	63	4	22
EMR Computer Div. (R) Minneapolis, Minn.	ASI 210	\$3850	4/62	C		X	
	ASI 2100	\$4200	12/63	C		X	
	ADVANCE 6020	\$4400	4/65	C		C	
	ADVANCE 6040	\$5600	7/65	C		C	
	ADVANCE 6050	\$9000	2/66	C		C	
	ADVANCE 6070	\$15,000	10/66	C		C	
	ADVANCE 6130	\$1550	8/67	19	85	C	18
General Electric (N) Phoenix, Ariz.	115	\$1370-\$5000	4/66	620 E		600 E	
	130	\$4350-\$15,000	-	0		C	
	205	\$2500-\$10,000	6/64	C		X	
	210	\$16,000-\$22,000	7/60	C		X	
	215	\$2500-\$10,000	9/63	C		X	
	225	\$2500-\$16,000	4/61	200 E		X	
	235	\$6000-\$18,000	4/64	130 E		C	
	255	\$15,000-\$19,000	10/67	C		C	
	265	\$17,000-\$20,000	10/65	C		C	
	405	\$5120-\$10,000	2/68	C		C	
	415	\$4800-\$13,500	5/64	380 E		70 E	
	420	\$17,000-\$20,000	6/67	C		C	
	425	\$6000-\$20,000	6/64	130 E		C	
	430	\$15,500-\$19,000	-	0		C	
	435	\$8000-\$25,000	9/65	C		C	
	440	\$22,200-\$27,000	-	0		C	
	625	\$31,000-\$135,000	4/65	C		C	
	635	\$35,000-\$167,000	5/65	C		C	
	645	\$40,000-\$250,000	7/66	C	1800 E	C	900 E
Hewlett-Packard (R) Palo Alto, Calif.	2116A	\$600	11/66	102		C	
	2115A	\$412	11/67	103	205	C	50 E

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL UNFULFILLED ORDERS
Honeywell (R) Computer Control Div. Framingham, Mass.	DDP-24	\$2500	5/63	93		X	
	DDP-116	\$900	4/65	200		30	
	DDP-124	\$2050	3/66	64		30	
	DDP-224	\$3300	3/65	52		8	
	DDP-516	\$700	9/66	155		150	
	H632	\$2700	-	0	564	?	218
Honeywell (R) EDP Division Wellesley Hills, Mass.	H-110	\$2500	8/68	0		C	
	H-120	\$3900	1/66	650		240	
	H-125	\$3900	12/67	20		75	
	H-200	\$8400	3/64	1130		87	
	H-400	\$8500	12/61	120		X	
	H-800	\$28,000	12/60	89		X	
	H-1200	\$9500	2/66	175		130	
	H-1250	\$9500	7/68	0		20	
	H-1400	\$14,000	1/64	12		X	
	H-1800	\$42,000	1/64	21		X	
	H-2200	\$12,000	1/66	78		71	
H-4200	\$20,500	6/67	0		20		
H-8200	\$35,000	4/68	0		2200 E	5	650 E
IBM (N) White Plains, N.Y.	305	\$3600	12/57	C		X	
	360/20	\$3000	12/65	7200 E		5000 E	
	360/25	\$5330	1/68	C		1000 E	
	360/30	\$9340	5/65	6600 E		3000 E	
	360/40	\$19,550	4/65	3200 E		1500 E	
	360/44	\$15,000	7/66	C		C	
	360/50	\$32,960	8/65	C		C	
	360/65	\$69,850	11/65	C		C	
	360/67	\$138,000	10/66	C		C	
	360/75	\$81,400	2/66	C		C	
	360/85	\$115,095	-	0		C	
	360/90 Series	-	10/67	C		C	
	650	\$4800	11/54	C		X	
	1130	\$1545	2/66	3400 E		4500 E	
	1401	\$6480	9/60	7000 E		X	
	1401-G	\$2300	5/64	1600 E		X	
	1401-H	\$1300	6/67	C		C	
	1410	\$17,000	11/61	C		C	
	1440	\$4300	4/63	3600 E		C	
	1460	\$10,925	10/63	1400 E		X	
	1620 I, II	\$4000	9/60	1500 E		C	
	1800	\$4800	1/66	C		C	
	701	\$5000	4/53	C		X	
	7010	\$26,000	10/63	C		C	
	702	\$6900	2/55	C		X	
	7030	\$160,000	5/61	C		X	
	704	\$32,000	12/55	C		X	
	7040	\$25,000	6/63	C		C	
	7044	\$36,500	6/63	C		C	
	705	\$38,000	11/55	C		X	
	7070, 2, 4	\$27,000	3/60	C		X	
7080	\$60,000	8/61	C		X		
709	\$40,000	8/58	C		X		
7090	\$63,500	11/59	C		X		
7094	\$75,500	9/62	C		X		
7094 II	\$82,500	4/64	C		39,600 E	C	16,000 E
Interdata (R) Oceanport, N.J.	Model 2	\$200-\$300	-	0		3	
	Model 3	\$300-\$500	3/67	52		110	
	Model 4	\$400-\$800	-	0	52	5	105
National Cash Register Co. (R) Dayton, Ohio	NCR-304	\$14,000	1/60	24		X	
	NCR-310	\$2500	5/61	10		X	
	NCR-315	\$8500	5/62	700		150	
	NCR-315-RMC	\$12,000	9/65	105		50	
	NCR-390	\$1850	5/61	1500		6	
	NCR-500	\$1500	10/65	2000		580	
	NCR-Century-100	\$2645	-	-		C	
NCR-Century-200	\$7500	-	-		C	1050 E	
Pacific Data Systems Inc. (R) Santa Ana, Calif.	PDS 1020	\$550-\$900	2/64	145	145	10	10
Philco (R) Willow Grove, Pa.	1000	\$7010	6/63	16		X	
	2000-210, 211	\$40,000	10/58	16		X	
	2000-212	\$52,000	1/63	12	44	X	0
Potter Instrument Co., Inc. Plainview, N.Y.	PC-9600	\$12,000 (S)	-	-	-	-	-
Radio Corp. of America (R) Cherry Hill, N.J.	RCA 301	\$7000	2/61	635		C	
	RCA 3301	\$17,000	7/64	75		C	
	RCA 501	\$14,000	6/59	96		X	
	RCA 601	\$35,000	11/62	3		X	
	Spectra 70/15	\$4500	9/65	190		120	
	Spectra 70/25	\$6500	9/65	102		57	
	Spectra 70/35	\$10,400	1/67	60		135	
	Spectra 70/45	\$22,000	11/65	110		85	
	Spectra 70/46	\$34,400	-	0		C	
Spectra 70/55	\$34,300	11/66	7		1270 E	14	420 E
Raytheon (R) Santa Ana, Calif.	250	\$1200	12/60	175		X	
	440	\$3500	3/64	20		X	
	520	\$3200	10/65	27		0	
	703	(S)	10/67	43	265	37	37
Scientific Control Corp. (R) Dallas, Tex.	650	\$500	5/66	29		1	
	655	\$1800	10/66	25		44	
	660	\$2000	10/65	5		9	
	670	\$2600	5/66	1		0	
	6700	\$30,000	10/67	0	60	1	55
Scientific Data Syst., Inc. (N) Santa Monica, Calif.	SDS-92	\$1500	4/65	120 E		10 E	
	SDS-910	\$2000	8/62	225 E		25 E	
	SDS-920	\$2900	9/62	200 E		20	
	SDS-925	\$3000	12/64	C		C	
	SDS-930	\$3400	6/64	235 E		30	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILLED ORDERS	
Scientific Data Syst., Inc. (cont'd)	SDS-940	\$10,000	4/66	C		C		
	SDS-9300	\$7000	11/64	C		C		
	Sigma 2	\$1000	12/66	80 E		160		
	Sigma 5	\$6000	8/67	C		50		
	Sigma 7	\$12,000	12/66	C	1000 E	C	330 E	
Standard Computer Corp. (N) Los Angeles, Calif.	IC 4000	\$9000	7/68	0		2 E		
	IC 6000	\$10,000-\$22,000	5/67	7	7	12 E	14 E	
Systems Engineering Labs (R) Ft. Lauderdale, Fla.	SEL 810	\$1000	9/65	24		X		
	SEL 810A	\$900	8/66	70		45		
	SEL 810B	?	-	1		9		
	SEL 840	\$1400	11/65	4		X		
	SEL 840A	\$1400	8/66	35		28		
	SEL 840 MP	?	1/68	5	139	7	89	
	UNIVAC, Div. of Sperry Rand (R) New York, N.Y.	I & II	\$25,000	3/51 & 11/57	23		X	
	III	\$20,000	8/62	77		X		
	File Computers	\$15,000	8/56	13		X		
	Solid-State 80 I, II, 90, I, II & Step	\$8000	8/58	210		X		
	418	\$11,000	6/63	135		20		
	490 Series	\$35,000	12/61	190		35		
	1004	\$1900	2/63	3100		20		
	1005	\$2400	4/66	1090		90		
	1050	\$8000	9/63	280		10		
	1100 Series (except 1107 & 1108)	\$35,000	12/50	9		X		
	1107	\$55,000	10/62	33		X		
	1108	\$65,000	9/65	105		75		
	9200	\$1500	6/67	170		850		
	9300	\$3400	7/67	85		550		
	9400	\$7000	5/69	0		60		
	LARC	\$135,000	5/60	2	5522 E	X	1710 E	
Varian Data Machines (R) Newport Beach, Calif.	620	\$900	11/65	75		0		
	620i	\$500	6/67	180	255	420	420	
I. U.S. Manufacturers, TOTAL						63,000 E	23,300 E	
<u>II. Non-United States Manufacturers</u>								
A/S Regnecentralen (R) Copenhagen, Denmark	GIER	\$2300-\$7500	12/60	37		1		
	RC 4000	\$3000-\$20,000	6/67	1	38	1	2	
Elbit Computers Ltd. (R) Haifa, Israel	Elbit-100	\$4900 (S)	10/67	19	19	37	37	
English Electric Computers Ltd. (R) London, England	LEO I	-	-/53	3		X		
	LEO II	-	6/57	11		X		
	LEO III	\$9600-\$24,000	4/62	39		X		
	LEO 360	\$9600-\$28,800	2/65	8		X		
	LEO 326	\$14,400-\$36,000	5/65	11		X		
	DEUCE	-	4/55	32		X		
	KDF 6	-	12/63	17		X		
	KDF 8-10	-	9/61	12		X		
	KDF 9	\$9600-\$36,000	4/63	28		X		
	KDN 2	-	4/63	8		X		
	KDF 7	\$1920-\$12,000	5/66	8		X		
	SYSTEM 4-30	\$3600-\$14,400	10/67	3		C		
	SYSTEM 4-40	\$7200-\$24,000	5/69	-		C		
	SYSTEM 4-50	\$8400-\$28,800	5/67	9		C		
	SYSTEM 4-70	\$9600-\$36,000	1/68	2		C		
	SYSTEM 4-75	\$9600-\$40,800	9/68	-		C		
	ELLIOTT 903	\$640-\$1570	1/66	52		C		
	ELLIOTT 4120	\$1600-\$4400	10/65	82		C		
	ELLIOTT 4130	\$2200-\$9000	6/66	23	348	C	110	
	GEC-AEI Automation Ltd. (R) New Parks, Leicester, England	Series 90-2/10/20/25/ 30/40/300	-	3/63-1/68	12		C	
S-2		-	1/68	1		0		
S-5		-	-	0		C		
S-7		-	-	0		C		
GEC-TRW130		-	12/64	2		X		
GEC-TRW330		-	3/63	9	25	X	8 E	
International Computers Limited (R) London, England		1200/1/2	\$900	-/55	62		X	
		1300	\$3000	-/63	79		X	
	1301	\$5000	-/61	127		X		
	1500	\$6000	-/62	125		X		
	1100	\$5000	-/60	23		X		
	2400	\$23,000	-/61	4		X		
	Atlas 1 & 2	\$65,000	-	6		X		
	Orion 1 & 2	\$20,000	-/63	17		X		
	Sirius	-	-/61	22		X		
	Mercury	-	-	19		X		
	Pegasus 1 & 2	-	-/56	33		X		
	1901	\$4000	9/66	328		112		
	1902	\$4800	7/65	189		24		
	1903	\$6500	7/65	99		20		
	1904	\$12,200	5/65	58		5		
	1905	\$13,000	12/64	31		3		
	1909	\$5500	8/65	17		1		
	1906	\$28,000	12/66	4		1		
	1907	\$29,000	12/66	9		0		
	1904E	\$16,000	1/68	8		34		
	1905E	\$16,500	1/68	4		15		
	1904F	\$17,000	-	-		9		
	1905F	\$17,500	-	-		12		
	1906E	\$29,300	-	-		2		
	1907E	\$30,300	3/68	1		1		
	1906F	\$31,200	-	-		2		
	1907F	\$32,500	-	-		2		
	1901A	\$3700	3/68	1		102		
	1902A	\$6300	-	-		72		
	1903A	\$10,600	9/67	2		7		
	1904A	\$18,600	-	-		1		
	1906A	\$54,000	-	-		1	426	
Japanese mfrs.	Various models	-	-	C	2074	C	500 E	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILLED ORDERS
The Marconi Co., Ltd.	Myriad I	£36,000-£66,000	3/66	26		19	
Chelmsford, Essex, England	Myriad II	£22,000-£42,500	10/67	3	29	9	28
N.V. Philips' Computer Industrie	P1000	?	6/68	0	0	5 E	5 E
Apeldoorn, Netherlands							
Saab Aktiebolag (R)	DATASAAB D21	\$5000-\$14,000	12/62	31		3	
Linköping, Sweden	DATASAAB D22	\$8000-\$60,000	5/68	1	32	10	13
Siemens Aktiengesellschaft	2002	54,000 (Deutsche	6/59	42		-	
Munich, Germany	3003	52,000 Marks)	12/63	34		-	
	4004/15	19,000 "	10/65	60		23	
	4004/25	32,000 "	1/66	29		5	
	4004/35	46,000 "	2/67	57		57	
	4004/45	75,000 "	7/66	45		40	
	4004/55	103,000 "	12/66	3		3	
	301	2000 "	-	-		-	
	302	4000 "	9/67	8		10	
	303	10,000 "	4/65	65		8	
	304	12,000 "	-	1		25	
	305	14,000 "	11/67	17	361	22	202
USSR	Various models	-	-	C	2500 E	C	700 E
II. Non-U.S. Manufacturers, TOTAL —					6600 E		2000 E
Combined, TOTAL —					<u>70,600 E</u>		<u>25,300 E</u>

MONTHLY COMPUTER CENSUS

The following is a summary made by Computers and Automation of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide.

Our census has begun to include computers manufactured by organizations outside the United States. We invite all manufacturers located anywhere to submit information for this census. We also invite our readers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (R) - figures derived all or in part from information released directly or indirectly by the manufacturer, or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (S) - sale only
- X - no longer in production
- C - figure is combined in a total (see column to the right)
- E - figure estimated by Computers and Automation
- ? - information not received at press time

AS OF SEPTEMBER 15, 1968

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILLED ORDERS
I. United States Manufacturers							
Autonetics (R) Anaheim, Calif.	RECOMP II	\$2495	11/58	30		X	
	RECOMP III	\$1495	6/61	6	36	X	0
Bailey Meter Co. Wickliffe, Ohio	Bailey 756	\$60,000-\$400,000 (S)	2/65	17		3	
	Bailey 855	\$100,000 (S)	4/68	0	17	15	18
Bunker-Ramo Corp. (R) Canoga Park, Calif.	BR-130	\$2000	10/61	160		X	
	BR-133	\$2400	5/64	62		X	
	BR-200	\$2680	8/63	15		X	
	BR-300	\$3000	3/59	18		X	
	BR-330	\$4000	12/60	23		X	
	BR-340	\$7000	12/63	19	297	X	0
Burroughs (R) Detroit, Mich.	205	\$4600	1/54	38		X	
	220	\$14,000	10/58	31		X	
	B200 Series, B100	\$5400	11/61	800		31	
	B300 Series	\$9000	7/65	370		150	
	B500	\$3800	10/68	0		70	
	B2500	\$5000	2/67	57		117	
	B3500	\$14,000	5/67	44		190	
	B5500	\$22,000	3/63	74		8	
	B6500	\$33,000	2/68	4		31	
	B7500	\$44,000	4/69	0		13	
	B8500	\$200,000	8/67	1	1430 E	5	550 E
Control Data Corp. (R) Minneapolis, Minn.	G-15	\$1600	7/55	295		X	
	G-20	\$15,500	4/61	20		X	
	LGP-21	\$725	12/62	165		X	
	LGP-30	\$1300	9/56	322		X	
	RPC-4000	\$1875	1/61	75		X	
	636/136/046 Series	?	-	29		C	
	160*/8090 Series	\$2100-\$12,000	5/60	610		X	
	924/924A	\$11,000	8/61	29		X	
	1604/A/B	\$45,000	1/60	59		X	
	1700	\$3500	5/66	100		C	
	3100/3200/3300	\$10,000-\$16,250	5/64	311		C	
	3400/3600/3800	\$18,000-\$48,750	6/63	79		C	
	6400/6500/6600	\$52,000-\$117,000	8/64	77		C	
	6800	\$130,000	6/67	0		C	
	7600	\$150,000	12/68	0	1900 E	C	300 E
Digital Electronics Inc. (R) Plainview, N.Y.	DIGIAC 3080	\$19,500 (S)	12/64	11		1	
	DIGIAC 3080C	\$25,000 (S)	10/67	1	12	1	2
Digital Equipment Corp. (R) Maynard, Mass.	PDP-1	\$3400	11/60	51 E		X	
	PDP-4	\$1700	8/62	32 E		X	
	PDP-5	\$900	9/63	101 E		X	
	PDP-6	\$10,000	10/64	21 E		X	
	PDP-7	\$1300	11/64	102 E		C	
	PDP-8	\$525	4/65	1275 E		C	
	PDP-8/S	\$300	9/66	900 E		C	
	PDP-8/I	\$425	3/68	450 E		C	
	PDP-9	\$1000	12/66	250 E		C	
	PDP-10	\$7500	12/67	22 E		C	
	LINC-8	?	9/66	150 E	3354 E	C	450 E
Electronic Assoc., Inc. (R) Long Branch, N.J.	640	\$1200	4/67	42		18	
	8400	\$12,000	7/65	21	63	4	22
EMR Computer Div. (R) Minneapolis, Minn.	ASI 210	\$3850	4/62	C		X	
	ASI 2100	\$4200	12/63	C		X	
	ADVANCE 6020	\$4400	4/65	C		C	
	ADVANCE 6040	\$5600	7/65	C		C	
	ADVANCE 6050	\$9000	2/66	C		C	
	ADVANCE 6070	\$15,000	10/66	C		C	
	ADVANCE 6130	\$1550	8/67	23	89	C	37
General Electric (N) Phoenix, Ariz.	115	\$1370-\$5000	4/66	720 E		600 E	
	130	\$4350-\$15,000	-	0		C	
	205	\$2500-\$10,000	6/64	C		X	
	210	\$16,000-\$22,000	7/60	C		X	
	215	\$2500-\$10,000	9/63	C		X	
	225	\$2500-\$16,000	4/61	200 E		X	
	235	\$6000-\$18,000	4/64	130 E		C	
	255 T/S	\$15,000-\$19,000	10/67	C		C	
	265 T/S	\$17,000-\$20,000	10/65	C		C	
	405	\$5120-\$10,000	2/68	C		C	
	415	\$4800-\$13,500	5/64	380 E		70 E	
	420 T/S	\$17,000-\$20,000	6/67	C		C	
	425	\$6000-\$20,000	6/64	130 E		C	
	430 T/S	\$15,500-\$19,000	-	0		C	
	435	\$8000-\$25,000	9/65	C		C	
	440 T/S	\$22,200-\$27,000	-	0		C	
	625 T/S	\$31,000-\$125,000	4/65	C		C	
	635 T/S	\$35,000-\$167,000	5/65	C		C	
	645	\$40,000-\$250,000	7/66	C	1900 E	C	900 E

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL UNFULFILLED ORDERS
Hewlett-Packard (R) Palo Alto, Calif.	2116A	\$600	11/66	106		C	
	2115A	\$412	11/67	140		C	
	2116B	\$650	5/68	34		C	
	2114A	\$250	5/68	55	335	C	50 E
Honeywell (R) Computer Control Div. Framingham, Mass.	DDP-24	\$2500	5/63	93		X	
	DDP-116	\$900	4/65	200		30	
	DDP-124	\$2050	3/66	64		30	
	DDP-224	\$3300	3/65	52		8	
	DDP-516	\$700	9/66	155		150	
	H632	\$2700	-	0	564	?	218
Honeywell (R) EDP Division Wellesley Hills, Mass.	H-110	\$2500	8/68	0		90	
	H-120	\$4000	1/66	650		240	
	H-125	\$5000	12/67	22		75	
	H-200	\$8500	3/64	800		87	
	H-400	\$11,000	12/61	52		X	
	H-800	\$28,000	12/60	59		X	
	H-1200	\$9500	2/66	175		130	
	H-1250	\$12,000	7/68	0		20	
	H-1400	\$14,000	1/64	7		X	
	H-1800	\$50,000	1/64	16		X	
	H-2200	\$26,000	1/66	88		71	
	H-4200	\$26,000	8/68	0		20	
	H-8200	\$50,000	12/68	0		1869 E	5
IBM (N) White Plains, N.Y.	305	\$3600	12/57	C		X	
	360/20	\$3000	12/65	7700 E		4200 E	
	360/25	\$5330	1/68	C		1800 E	
	360/30	\$9340	5/65	7400 E		2300 E	
	360/40	\$19,550	4/65	3500 E		1100 E	
	360/44	\$15,000	7/66	C		C	
	360/50	\$32,960	8/65	C		C	
	360/65	\$69,850	11/65	C		C	
	360/67	\$138,000	10/66	C		C	
	360/75	\$81,400	2/66	C		C	
	360/85	\$115,095	-	0		C	
	360/90 Series	-	10/67	C		C	
	650	\$4800	11/54	C		X	
	1130	\$1545	2/66	4000 E		4300 E	
	1401	\$6480	9/60	6300 E		X	
	1401-G	\$2300	5/64	1460 E		X	
	1401-H	\$1300	6/67	C		C	
	1410	\$17,000	11/61	C		C	
	1440	\$4300	4/63	3360 E		C	
	1460	\$10,925	10/63	1140 E		X	
	1620 I, II	\$4000	9/60	1500 E		C	
	1800	\$4800	1/66	C		C	
	701	\$5000	4/53	C		X	
	7010	\$26,000	10/63	C		C	
	702	\$6900	2/55	C		X	
	7030	\$160,000	5/61	C		X	
	704	\$32,000	12/55	C		X	
	7040	\$25,000	6/63	C		C	
	7044	\$36,500	6/63	C		C	
	705	\$38,000	11/55	C		X	
7070, 2, 4	\$27,000	3/60	C		X		
7080	\$60,000	8/61	C		X		
709	\$40,000	8/58	C		X		
7090	\$63,500	11/59	C		X		
7094	\$75,500	9/62	C		X		
7094 II	\$82,500	4/64	C		42,100 E	C	16,000 E
Interdata (R) Oceanport, N.J.	Model 2	\$200-\$500	-	0		3	
	Model 3	\$300-\$500	3/67	52		110	
	Model 4	\$400-\$800	-	0	52	5	105
National Cash Register Co. (R) Dayton, Ohio	NCR-304	\$14,000	1/60	24		X	
	NCR-310	\$2500	5/61	10		X	
	NCR-315	\$8500	5/62	700		150	
	NCR-315-RMC	\$12,000	9/65	105		50	
	NCR-390	\$1850	5/61	1200		6	
	NCR-500	\$1500	10/65	2000		580	
	NCR-Century-100	\$2645	-	-		C	
NCR-Century-200	\$7500	-	-	4039	C	1050 E	
Pacific Data Systems Inc. (R) Santa Ana, Calif.	PDS 1020	\$550-\$900	2/64	145	145	10	10
Philco (R) Willow Grove, Pa.	1000	\$7010	6/63	16		X	
	2000-210, 211	\$40,000	10/58	16		X	
	2000-212	\$52,000	1/63	12	44	X	0
Potter Instrument Co., Inc. Plainview, N.Y.	PC-9600	\$12,000 (S)	-	-	-	-	-
Radio Corp. of America (R) Cherry Hill, N.J.	RCA 301	\$7000	2/61	635		C	
	RCA 3301	\$17,000	7/64	75		C	
	RCA 501	\$14,000	6/59	96		X	
	RCA 601	\$35,000	11/62	3		X	
	Spectra 70/15	\$4500	9/65	190		120	
	Spectra 70/25	\$6500	9/65	102		57	
	Spectra 70/35	\$10,400	1/67	60		135	
	Spectra 70/45	\$22,000	11/65	110		85	
	Spectra 70/46	\$34,400	-	0		C	
Spectra 70/55	\$34,300	11/66	7	1270 E	14	420 E	
Raytheon (R) Santa Ana, Calif.	250	\$1200	12/60	175		X	
	440	\$3500	3/64	20		X	
	520	\$3200	10/65	27		0	
	703	(S)	10/67	63	285	26	26
Scientific Control Corp. (R) Dallas, Tex.	650	\$500	5/66	30		1	
	655	\$1800	10/66	50		25	
	660	\$2000	10/65	8		7	
	670	\$2600	5/66	1		0	
	6700	\$30,000	10/67	0	89	1	34

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL UNFULFILLED ORDERS
Scientific Data Syst., Inc. (N) Santa Monica, Calif.	SDS-92	\$1500	4/65	120 E		10 E	
	SDS-910	\$2000	8/62	225 E		25 E	
	SDS-920	\$2900	9/62	200 E		20	
	SDS-925	\$3000	12/64	C		C	
	SDS-930	\$3400	6/64	235 E		30	
	SDS-940	\$10,000	4/66	C		C	
	SDS-9300	\$7000	11/64	C		C	
	Sigma 2	\$1000	12/66	95 E		160	
	Sigma 5	\$6000	8/67	C		50	
	Sigma 7	\$12,000	12/66	C		C	320 E
Standard Computer Corp. (N) Los Angeles, Calif.	IC 4000	\$9000	7/68	0		2 E	
	IC 6000	\$10,000-\$22,000	5/67	7	7	12 E	14 E
Systems Engineering Labs (R) Ft. Lauderdale, Fla.	SEL 810	\$1000	9/65	24		X	
	SEL 810A	\$900	8/66	72		47	
	SEL 810B	?	-	1		11	
	SEL 840	\$1400	11/65	4		X	
	SEL 840A	\$1400	8/66	37		24	
	SEL 840 MP	?	1/68	6		20	102
						144	
UNIVAC, Div. of Sperry Rand (R) New York, N.Y.	I & II	\$25,000	3/51 & 11/57	23		X	
	III	\$20,000	8/62	77		X	
	File Computers	\$15,000	8/56	13		X	
	Solid-State 80 I, II, 90, I, II & Step	\$8000	8/58	210		X	
	418	\$11,000	6/63	135		20	
	490 Series	\$35,000	12/61	200		35	
	1004	\$1900	2/63	3000 E		20	
	1005	\$2400	4/66	1150		90	
	1050	\$8000	9/63	280		10	
	1100 Series (except 1107 & 1108)	\$35,000	12/50	9		X	
	1107	\$55,000	10/62	33		X	
	1108	\$65,000	9/65	105		75	
	9200	\$1500	6/67	230		850	
	9300	\$3400	7/67	125		550	
	9400	\$7000	5/69	0		60	
LARC	\$135,000	5/60	2		X	1670 E	
Varian Data Machines (R) Newport Beach, Calif.	620	\$900	11/65	75	5592 E	0	
	620i	\$500	6/67	208	283	430	430
I. U.S. Manufacturers, TOTAL						67,000 E	23,400 E
<u>II. Non-United States Manufacturers</u>							
A/S Norsk Data-Elektronikk Oslo, Norway	NORD 1	\$1000	8/68	5	5	2 E	2 E
A/S Regnecentralen (R) Copenhagen, Denmark	GIER RC 4000	\$2300-\$7500 \$3000-\$20,000	12/60 6/67	37 1	38	1 1	2
Elbit Computers Ltd. (R) Haifa, Israel	Elbit-100	\$4900 (S)	10/67	24	24	40	40
English Electric Computers Ltd. (R) London, England	LEO I	-	-/53	3		X	
	LEO II	-	6/57	11		X	
	LEO III	\$9600-\$24,000	4/62	39		X	
	LEO 360	\$9600-\$28,800	2/65	8		X	
	LEO 326	\$14,400-\$36,000	5/65	11		X	
	DEUCE	-	4/55	32		X	
	KDF 6	-	12/63	17		X	
	KDF 8-10	-	9/61	12		X	
	KDF 9	\$9600-\$36,000	4/63	28		X	
	KDN 2	-	4/63	8		X	
	KDF 7	\$1920-\$12,000	5/66	8		X	
	SYSTEM 4-30	\$3600-\$14,400	10/67	3		C	
	SYSTEM 4-40	\$7200-\$24,000	5/69	-		C	
	SYSTEM 4-50	\$8400-\$28,800	5/67	9		C	
	SYSTEM 4-70	\$9600-\$36,000	1/68	2		C	
	SYSTEM 4-75	\$9600-\$40,800	9/68	-		C	
	ELLIOTT 903	\$640-\$1570	1/66	52		C	
	ELLIOTT 4120	\$1600-\$4400	10/65	82		C	
	ELLIOTT 4130	\$2200-\$9000	6/66	23		C	110
GEC-AEI Automation Ltd. (R) New Parks, Leicester, England	Series 90-2/10/20/25/ 30/40/300	-	3/63-1/68	12		C	
	S-2	-	1/68	1		0	
	S-5	-	-	0		C	
	S-7	-	-	0		C	
	GEC-TRW130	-	12/64	2		X	
	GEC-TRW330	-	3/63	9		X	8 E
						25	
International Computers Limited (R) London, England	1200/1/2	\$900	-/55	62		X	
	1300	\$3000	-/63	79		X	
	1301	\$5000	-/61	127		X	
	1500	\$6000	-/62	125		X	
	1100	\$5000	-/60	23		X	
	2400	\$23,000	-/61	4		X	
	Atlas 1 & 2	\$65,000	-	6		X	
	Orion 1 & 2	\$20,000	-/63	17		X	
	Sirius	-	-/61	22		X	
	Mercury	-	-	19		X	
	Pegasus 1 & 2	-	-/56	33		X	
	1901	\$4000	9/66	328		112	
	1902	\$4800	7/65	189		24	
	1903	\$6500	7/65	99		20	
	1904	\$12,200	5/65	58		5	
	1905	\$13,000	12/64	31		3	
	1909	\$5500	8/65	17		1	
	1906	\$28,000	12/66	4		1	
	1907	\$29,000	12/66	9		0	
1904E	\$16,000	1/68	8		34		
1905E	\$16,500	1/68	4		15		
1904F	\$17,000	-	-		9		

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL UNFULFILLED ORDERS
International Computers Limited (cont'd)	1905F	\$17,500				12	
	1906E	\$29,300				2	
	1907E	\$30,300	3/68	1		1	
	1906F	\$31,200				2	
	1907F	\$32,500				2	
	1901A	\$3700	3/68	1		102	
	1902A	\$3600				72	
	1903A	\$10,600	9/67	2		7	
	1904A	\$18,600				1	
1906A	\$54,000				1	426	
Japanese mfrs.	Various models	-	-	C	2074 E	C	500 E
The Marconi Co., Ltd.	Myriad I	£36,000-£66,000	3/66	26		19	
Chelmsford, Essex, England	Myriad II	£22,000-£42,500	10/67	3	29	9	28
N.V. Philips' Computer Industrie	P1000	?	6/68	0	0	5 E	5 E
Apeldoorn, Netherlands							
Saab Aktiebolag (R)	DATASAAB D21	\$5000-\$14,000	12/62	32		2	
Linkoping, Sweden	DATASAAB D22	\$8000-\$60,000	5/68	1	33	11	13
Siemens Aktiengesellschaft Munich, Germany	2002	54,000 (Deutsche Marks)	6/59	42		-	
	3003	52,000	12/63	34		2	
	4004/15/16	19,000	10/65	67		18	
	4004/25/26	32,000	1/66	30		9	
	4004/35	46,000	2/67	59		63	
	4004/45	75,000	7/66	53		42	
	4004/55	103,000	12/66	3		3	
	301	2000	"	-	-	8	
	302	4000	"	9/67	10	8	
	303	10,000	"	4/65	65	8	
	304	12,000	"	-	7	22	
	305	14,000	"	11/67	17	387	27
Union of Soviet Socialist Republics	BESM 4	-	-	C		C	
	BESM 6	-	-	C		C	
	MINSK 2	-	-	C		C	
	MINSK 22	-	-	C		C	
	MIR	-	-	C		C	
	NAIRI	-	-	C		C	
	ONEGA 1	-	-	C		C	
	ONEGA 2	-	-	C		C	
	URAL 11/14/16	-	-	C		C	
	and others					2500 E	700 E
II. Non-U.S. Manufacturers, TOTAL					—	6700 E	2000 E
Combined, TOTAL					—	73,700 E	25,400 E

MONTHLY COMPUTER CENSUS

The following is a summary made by Computers and Automation of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide.

Our census has begun to include computers manufactured by organizations outside the United States. We invite all manufacturers located anywhere to submit information for this census. We also invite our readers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (R) - figures derived all or in part from information released directly or indirectly by the manufacturer, or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (S) - sale only
- X - no longer in production
- C - figure is combined in a total (see column to the right)
- E - figure estimated by Computers and Automation
- ? - information not received at press time

AS OF OCTOBER 15, 1968

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTAL-LATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL UNFULFILLED ORDERS
I. United States Manufacturers							
Autonetics (R) Anaheim, Calif.	RECOMP II RECOMP III	\$2495 \$1495	11/58 6/61	30 6		X X	0
Bailey Meter Co. Wickliffe, Ohio	Bailey 756 Bailey 855	\$60,000-\$400,000 (S) \$100,000 (S)	2/65 4/68	17 0	36 17	3 15	0 18
Bunker-Ramo Corp. (R) Canoga Park, Calif.	BR-130 BR-133 BR-230 BR-300 BR-330 BR-340	\$2000 \$2400 \$2680 \$3000 \$4000 \$7000	10/61 5/64 8/63 3/59 12/60 12/63	160 62 15 18 23 19		X X X X X X	0
Burroughs (R) Detroit, Mich.	205 220 B200 Series, B100 B300 Series B500 B2500 B3500 B5500 B6500 B7500 B8500	\$4600 \$14,000 \$5400 \$9000 \$3800 \$5000 \$14,000 \$22,000 \$33,000 \$44,000 \$200,000	1/54 10/58 11/61 7/65 10/68 2/67 5/67 3/63 2/68 4/69 8/67	38 31 800 370 0 57 44 74 4 0 1		X X 31 150 70 117 190 8 31 13 5	550 E
Control Data Corp. (R) Minneapolis, Minn.	G-15 G-20 LGP-21 LGP-30 RPC-4000 636/136/046 Series 160*/8090 Series 924/924A 1604/A/B 1700 3100/3200/3300 3400/3600/3800 6400/6500/6600 6800 7600	\$1600 \$15,500 \$725 \$1300 \$1875 ? \$2100-\$12,000 \$11,000 \$45,000 \$3500 \$10,000-\$16,250 \$18,000-\$48,750 \$52,000-\$117,000 \$130,000 \$150,000	7/55 4/61 12/62 9/56 1/61 - 5/60 8/61 1/60 5/66 5/64 6/63 8/64 6/67 12/68	295 20 165 322 75 29 610 29 59 100 311 79 77 0 0	1430 E	X X X X X C X X X C C C C C C	300 E
Data General Corp. Hudson, Mass.	NOVA	\$7950 (S)	1/68	0	0	0	0
Digital Electronics Inc. (R) Plainview, N.Y.	DIGIAC 3080 DIGIAC 3080C	\$19,500 (S) \$25,000 (S)	12/64 10/67	11 1		1 1	2
Digital Equipment Corp. (R) Maynard, Mass.	PDP-1 PDP-4 PDP-5 PDP-6 PDP-7 PDP-8 PDP-8/S PDP-8/I PDP-8/L PDP-9 PDP-9/L PDP-10 LINC-8	\$3400 \$1700 \$900 \$10,000 \$1300 \$525 \$300 \$425 ? \$1000 ? \$7500 ?	11/60 8/62 9/63 10/64 11/64 4/65 9/66 3/68 11/68 12/66 - 12/67 9/66	48 32 100 21 99 1352 863 398 0 271 0 27 132		X X X X X C C C C C C C C	450 E
Electronic Assoc., Inc. (R) Long Branch, N.J.	640 8400	\$1200 \$12,000	4/67 7/65	42 21	63	18 4	22
EMR Computer Div. (R) Minneapolis, Minn.	ASI 210 ASI 2100 ADVANCE 6020 ADVANCE 6040 ADVANCE 6050 ADVANCE 6070 ADVANCE 6130	\$3850 \$4200 \$4400 \$5600 \$9000 \$15,000 \$1550	4/62 12/63 4/65 7/65 2/66 10/66 8/67	C C C C C C 23		X X C C C C C	37
General Electric (N) Phoenix, Ariz.	115 130 205 210 215 225 235 255 T/S 265 T/S 405 415 420 T/S 425 430 T/S 435	\$1370-\$5000 \$4350-\$15,000 \$2500-\$10,000 \$16,000-\$22,000 \$2500-\$10,000 \$2500-\$16,000 \$6000-\$18,000 \$15,000-\$19,000 \$17,000-\$20,000 \$5120-\$10,000 \$4800-\$13,500 \$17,000-\$20,000 \$6000-\$20,000 \$15,500-\$19,000 \$8000-\$25,000	4/66 - 6/64 7/60 9/63 4/61 4/64 10/67 10/65 2/68 5/64 6/67 6/64 - 9/65	720 E 0 0 C C 200 E 130 E C C C 380 E C 130 E 0 C		600 E C X X X X C C C C 70 E C C C C	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTAL-LATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL UNFULFILLED ORDERS
General Electric (cont'd)	440 T/S	\$22,200-\$27,000	-	0		C	
	625 T/S	\$31,000-\$125,000	4/65	C		C	
	635 T/S	\$35,000-\$167,000	5/65	C		C	
	645	\$40,000-\$250,000	7/66	C	1900 E	C	900 E
Hewlett-Packard (R) Palo Alto, Calif.	2116A	\$600	11/66	106		C	
	2115A	\$412	11/67	140		C	
	2116B	\$650	5/68	34		C	
	2114A	\$250	5/68	55	335	C	50 E
Honeywell (R) Computer Control Div. Framingham, Mass.	DDP-24	\$2500	5/63	93		X	
	DDP-116	\$900	4/65	200		30	
	DDP-124	\$2050	3/66	64		30	
	DDP-224	\$3300	3/65	52		8	
	DDP-516	\$700	9/66	155		150	
	H632	\$2700	-	0	564	?	218
Honeywell (R) EDP Division Wellesley Hills, Mass.	H-110	\$2500	8/68	0		90	
	H-120	\$4000	1/66	650		240	
	H-125	\$5000	12/67	22		75	
	H-200	\$8500	3/64	800		87	
	H-400	\$11,000	12/61	52		X	
	H-800	\$28,000	12/60	59		X	
	H-1200	\$9500	2/66	175		130	
	H-1250	\$12,000	7/68	0		20	
	H-1400	\$14,000	1/64	7		X	
	H-1800	\$50,000	1/64	16		X	
	H-2200	\$26,000	1/66	88		71	
	H-4200	\$26,000	8/68	0		20	
	H-8200	\$50,000	12/68	0		1869 E	5
IBM (N) White Plains, N.Y.	305	\$3600	12/57	C		X	
	360/20	\$3000	12/65	7700 E		4200 E	
	360/25	\$5330	1/68	C		1800 E	
	360/30	\$9340	5/65	7400 E		2300 E	
	360/40	\$19,550	4/65	3500 E		1100 E	
	360/44	\$15,000	7/66	C		C	
	360/50	\$32,960	8/65	C		C	
	360/65	\$69,850	11/65	C		C	
	360/67	\$138,000	10/66	C		C	
	360/75	\$81,400	2/66	C		C	
	360/85	\$115,095	-	0		C	
	360/90 Series	-	10/67	C		C	
	650	\$4800	11/54	C		X	
	1130	\$1545	2/66	4000 E		4300 E	
	1401	\$6480	9/60	6300 E		X	
	1401-G	\$2300	5/64	1460 E		X	
	1401-H	\$1300	6/67	C		C	
	1410	\$17,000	11/61	C		C	
	1440	\$4300	4/63	3360 E		C	
	1460	\$10,925	10/63	1140 E		X	
	1620 I, II	\$4000	9/60	1500 E		C	
	1800	\$4800	1/66	C		C	
	701	\$5000	4/53	C		X	
	7010	\$26,000	10/63	C		C	
	702	\$6900	2/55	C		X	
	7030	\$160,000	5/61	C		X	
	704	\$32,000	12/55	C		X	
	7040	\$25,000	6/63	C		C	
	7044	\$36,500	6/63	C		C	
	705	\$38,000	11/55	C		X	
	7070, 2, 4	\$27,000	3/60	C		X	
	7080	\$60,000	8/61	C		X	
	709	\$40,000	8/58	C		X	
7090	\$63,500	11/59	C		X		
7094	\$75,500	9/62	C		X		
7094 II	\$82,500	4/64	C		42,100 E	C	16,000 E
Interdata (R) Oceanport, N.J.	Model 2	\$200-\$300	7/68	3		1	
	Model 3	\$300-\$500	3/67	105		35	
	Model 4	\$400-\$800	8/68	6	114	22	58
National Cash Register Co. (R) Dayton, Ohio	NCR-304	\$14,000	1/60	24		X	
	NCR-310	\$2500	5/61	10		X	
	NCR-315	\$8500	5/62	700		150	
	NCR-315-RMC	\$12,000	9/65	105		50	
	NCR-390	\$1850	5/61	1200		6	
	NCR-500	\$1500	10/65	2000		580	
	NCR-Century-100	\$2645	-	-		C	
	NCR-Century-200	\$7500	-	-	4039	C	1050 E
Pacific Data Systems Inc. (R) Santa Ana, Calif.	PDS 1020	\$550-\$900	2/64	145	145	10	10
Philco (R) Willow Grove, Pa.	1000	\$7010	6/63	16		X	
	2000-210, 211	\$40,000	10/58	16		X	
	2000-212	\$52,000	1/63	12	44	X	0
Potter Instrument Co., Inc. Plainview, N.Y.	PC-9600	\$12,000 (S)	-	-	-	-	-
Radio Corp. of America (R) Cherry Hill, N.J.	RCA 301	\$7000	2/61	635		C	
	RCA 3301	\$17,000	7/64	75		C	
	RCA 501	\$14,000	6/59	96		X	
	RCA 601	\$35,000	11/62	3		X	
	Spectra 70/15	\$4500	9/65	190		120	
	Spectra 70/25	\$6500	9/65	102		57	
	Spectra 70/35	\$10,400	1/67	60		135	
	Spectra 70/45	\$22,000	11/65	110		85	
	Spectra 70/46	\$34,400	-	0		C	
Spectra 70/55	\$34,300	11/66	7	1270 E	14	420 E	
Raytheon (R) Santa Ana, Calif.	250	\$1200	12/60	175		X	
	440	\$3500	3/64	20		X	
	520	\$3200	10/65	27		0	
	703	(S)	10/67	70	292	20	20
Scientific Control Corp. (R) Dallas, Tex.	650	\$500	5/66	23		0	
	655	\$1800	10/66	63		15	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILLED ORDERS	
Scientific Control Corp. (cont'd)	660	\$2000	10/65	9		6		
	670	\$2600	5/66	1		0		
	6700	\$30,000	10/67	0		1		
	4700	\$700	2/69	0		2		
	6700	\$30,000	10/67	0	96	2	24	
Scientific Data Syst., Inc. (N) Santa Monica, Calif.	SDS-92	\$1500	4/65	120 E		10 E		
	SDS-910	\$2000	8/62	225 E		25 E		
	SDS-920	\$2900	9/62	200 E		20		
	SDS-925	\$3000	12/64	C		C		
	SDS-930	\$3400	6/64	235 E		30		
	SDS-940	\$10,000	4/66	C		C		
	SDS-9300	\$7000	11/64	C		C		
	Sigma 2	\$1000	12/66	95 E		160		
	Sigma 5	\$6000	8/67	C		50		
	Sigma 7	\$12,000	12/66	C	1045 E	C	320 E	
Standard Computer Corp. (N) Los Angeles, Calif.	IC 4000	\$9000	7/68	0		2 E		
	IC 6000	\$10,000-\$22,000	5/67	7	7	12 E	14 E	
Systems Engineering Labs (R) Ft. Lauderdale, Fla.	SEL 810	\$1000	9/65	24		X		
	SEL 810A	\$900	8/66	74		48		
	SEL 810B	?	-	2		13		
	SEL 840	\$1400	11/65	4		X		
	SEL 840A	\$1400	8/66	37		24		
	SEL 840 MP	?	1/68	7	148	22	107	
UNIVAC, Div. of Sperry Rand (R) New York, N.Y.	I & II	\$25,000	3/51 & 11/57	23		X		
	III	\$20,000	8/62	77		X		
	File Computers	\$15,000	8/56	13		X		
	Solid-State 80 I, II, 90, I, II & Step	\$8000	8/58	210		X		
	418	\$11,000	6/63	135		20		
	490 Series	\$35,000	12/61	200		35		
	1004	\$1900	2/63	3000 E		20		
	1005	\$2400	4/66	1150		90		
	1050	\$8000	9/63	280		10		
	1100 Series (except 1107 & 1108)	\$35,000	12/50	9		X		
	1107	\$55,000	10/62	33		X		
	1108	\$65,000	9/65	105		75		
	9200	\$1500	6/67	230		850		
	9300	\$3400	7/67	125		550		
	9400	\$7000	5/69	0		60		
	LARC	\$135,000	5/60	2	5592 E	X	1670 E	
	Varian Data Machines (R) Newport Beach, Calif.	620	\$900	11/65	75		0	
		620i	\$500	6/67	238		430	
		520i	-	10/68	2	315	-	430
	I. U.S. Manufacturers, TOTAL						67,100 E	23,400 E
<u>II. Non-United States Manufacturers</u>								
A/S Norsk Data-Elektronikk Oslo, Norway	NORD 1	\$1000	8/68	5	5	2 E	2 E	
A/S Regnecentralen (R) Copenhagen, Denmark	GIER RC 4000	\$2300-\$7500 \$3000-\$20,000	12/60 6/67	37 1	38	1 1	2	
Elbit Computers Ltd. (R) Haifa, Israel	Elbit-100	\$4900 (S)	10/67	35	35	15	15	
English Electric Computers Ltd. (R) London, England	LEO I	-	-/53	3		X		
	LEO II	-	6/57	11		X		
	LEO III	\$9600-\$24,000	4/62	39		X		
	LEO 360	\$9600-\$28,800	2/65	8		X		
	LEO 326	\$14,400-\$36,000	5/65	11		X		
	DEUCE	-	4/55	32		X		
	KDF 6	-	12/63	17		X		
	KDF 8-10	-	9/61	12		X		
	KDF 9	\$9600-\$36,000	4/63	28		X		
	KDN 2	-	4/63	8		X		
	KDF 7	\$1920-\$12,000	5/66	8		X		
	SYSTEM 4-30	\$3600-\$14,400	10/67	3		C		
	SYSTEM 4-40	\$7200-\$24,000	5/69	-		C		
	SYSTEM 4-50	\$8400-\$28,800	5/67	9		C		
	SYSTEM 4-70	\$9600-\$36,000	1/68	2		C		
	SYSTEM 4-75	\$9600-\$40,800	9/68	-		C		
	ELLIOTT 903	\$640-\$1570	1/66	52		C		
	ELLIOTT 4120	\$1600-\$4400	10/65	82		C		
	ELLIOTT 4130	\$2200-\$9000	6/66	23	348	C	110	
	GEC-AEI Automation Ltd. (R) New Parks, Leicester, England	Series 90-2/10/20/25/ 30/40/300	-	3/63-1/68	12		C	
S-2		-	1/68	1		0		
S-5		-	-	0		C		
S-7		-	-	0		C		
GEC-TRW130		-	12/64	2		X		
GEC-TRW330		-	3/63	9		X		
CON/PAK 4000 Range		-	10/65	321	346	?	8 E	
International Computers Limited (R) London, England		1200/1/2	\$900	-/55	62		X	
		1300	\$3000	-/63	79		X	
		1301	\$5000	-/61	127		X	
	1500	\$6000	-/62	125		X		
	1100	\$5000	-/60	23		X		
	2400	\$23,000	-/61	4		X		
	Atlas 1 & 2	\$65,000	-	6		X		
	Orion 1 & 2	\$20,000	-/63	17		X		
	Sirius	-	-/61	22		X		
	Mercury	-	-	19		X		
	Pegasus 1 & 2	-	-/56	33		X		
	1901	\$4000	9/66	328		112		
	1902	\$4800	7/65	189		24		
1903	\$6500	7/65	99		20			
1904	\$12,200	5/65	58		5			
1905	\$13,000	12/64	31		3			

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTAL-LATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILLED ORDERS
International Computers Limited (cont'd)	1909	\$5500	8/65	17		1	
	1906	\$28,000	12/66	4		1	
	1907	\$29,000	12/66	9		0	
	1904E	\$16,000	1/68	8		34	
	1905E	\$16,500	1/68	4		15	
	1904F	\$17,000				9	
	1905F	\$17,500				12	
	1906E	\$29,300				2	
	1907E	\$30,300		3/68	1	1	
	1906F	\$31,200				2	
	1907F	\$32,500				2	
	1901A	\$3700		3/68	1	102	
	1902A	\$3600				72	
	1903A	\$10,600		9/67	2	7	
	1904A	\$18,600				1	
1906A	\$54,000				1	426	
Japanese mfrs.	Various models	-	-	C	1268	C	500 E
The Marconi Co., Ltd.	Myriad I	±36,000-±66,000	3/66	26	2074 E	19	
Chelmsford, Essex, England	Myriad II	±22,000-±42,500	10/67	8	34	10	29
N.V. Philips' Computer Industrie Apeldoorn, Netherlands	P1000	?	6/68	0	0	5 E	5 E
Saab Aktiebolag (R) Linköping, Sweden	DATASAAB D21	\$5000-\$14,000	12/62	32		2	
	DATASAAB D22	\$8000-\$60,000	5/68	1	33	11	13
Siemens Aktiengesellschaft Munich, Germany	2002	54,000 (Deutsche Marks)	6/59	42		-	
	3003	52,000	12/63	34		2	
	4004/15/16	19,000	10/65	67		18	
	4004/25/26	32,000	1/66	30		9	
	4004/35	46,000	2/67	59		63	
	4004/45	75,000	7/66	53		42	
	4004/55	103,000	12/66	3		3	
	301	2000	-	-		8	
	302	4000	9/67	10		8	
	303	10,000	4/65	65		8	
	304	12,000	-	7		22	
	305	14,000	11/67	17	387	27	210
Union of Soviet Socialist Republics	BESM 4	-	-	C		C	
	BESM 6	-	-	C		C	
	MINSK 2	-	-	C		C	
	MINSK 22	-	-	C		C	
	MIR	-	-	C		C	
	NAIRI	-	-	C		C	
	ONEGA 1	-	-	C		C	
	ONEGA 2	-	-	C		C	
	URAL 11/14/16 and others	-	-	C		C	
					2500 E		700 E
II. Non-U.S. Manufacturers, TOTAL					7100 E		2000 E
Combined, TOTAL					74,200 E		25,400 E

MONTHLY COMPUTER CENSUS

The following is a summary made by "Computers and Automation" of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide.

Our census has begun to include computers manufactured by organizations outside the United States. We invite all manufacturers located anywhere to submit information for this census. We also invite our readers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (R) - figures derived all or in part from information released directly or indirectly by the manufacturer, or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (S) - sale only
- X - no longer in production
- C - figure is combined in a total (see column to the right)
- E - figures estimated by Computers and Automation
- ? - information not received at press time

AS OF NOVEMBER 15, 1968

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILED ORDERS
I. United States Manufacturers							
Autonetics (R) Anaheim, Calif.	RECOMP II	\$2495	11/58	30		X	
	RECOMP III	\$1495	6/61	6	36	X	0
Bailey Meter Co. Wickliffe, Ohio	Bailey 756	\$60,000-\$400,000 (S)	2/65	17		3	
	Bailey 855	\$100,000 (S)	4/68	0	17	15	18
Bunker-Ramo Corp. (R) Canoga Park, Calif.	BR-130	\$2000	10/61	160		X	
	BR-133	\$2400	5/64	62		X	
	BR-230	\$2680	8/63	15		X	
	BR-300	\$3000	3/59	18		X	
	BR-330	\$4000	12/60	23		X	
	BR-340	\$7000	12/63	19	297	X	0
Burroughs (R) Detroit, Mich.	205	\$4600	1/54	38		X	
	220	\$14,000	10/58	31		X	
	B200 Series, B100	\$5400	11/61	800		31	
	B300 Series	\$9000	7/65	370		150	
	B500	\$3800	10/68	0		70	
	B2500	\$5000	2/67	57		117	
	B3500	\$14,000	5/67	44		190	
	B5500	\$22,000	3/63	74		8	
	B6500	\$33,000	2/68	4		31	
	B7500	\$44,000	4/69	0		13	
	B8500	\$200,000*	8/67	1	1430 E	5	550 E
Control Data Corp. (R) Minneapolis, Minn.	G-15	\$1600	7/55	295		X	
	G-20	\$15,500	4/61	20		X	
	LGP-21	\$725	12/62	165		X	
	LGP-30	\$1300	9/56	322		X	
	RPC-4000	\$1875	1/61	75		X	
	636/136/046 Series	?	-	29		C	
	160*/8090 Series	\$2100-\$14,000	5/60	610		X	
	924/924A	\$11,000	8/61	29		X	
	1604/A/B	\$45,000	1/60	59		X	
	1700	\$3500	5/66	100		C	
	3100/3200/3300	\$10,000-\$16,250	5/64	311		C	
	3400/3600/3800	\$18,000-\$48,750	6/63	79		C	
	6400/6500/6600	\$52,000-\$117,000	8/64	77		C	
	6800	\$130,000	6/67	0		C	
	7600	\$150,000	12/68	0	1900 E	C	300 E
Datacraft Corp. Ft. Lauderdale, Fla.	DC6024	\$1300	1/69	0	0	3	3
Data General Corp. Hudson, Mass.	NOVA	\$7950 (S)	1/68	0	0	0	0
Digital Electronics Inc. (R) Plainview, N.Y.	DIGIAC 3080	\$19,500 (S)	12/64	11		1	
	DIGIAC 3080C	\$25,000 (S)	10/67	1	12	1	2
Digital Equipment Corp. (R) Maynard, Mass.	PDP-1	\$3400	11/60	48		X	
	PDP-4	\$1700	8/62	32		X	
	PDP-5	\$900	9/63	100		X	
	PDP-6	\$10,000	10/64	21		X	
	PDP-7	\$1300	11/64	99		X	
	PDP-8	\$525	4/65	1372		C	
	PDP-8/S	\$300	9/66	872		C	
	PDP-8/I	\$425	3/68	473		C	
	PDP-8/L	?	11/68	4		C	
	PDP-9	\$1000	12/66	300		C	
	PDP-9/L	?	-	0		C	
	PDP-10	\$7500	12/67	27		C	
	LINC-8	?	9/66	135	3483	C	450 E
Electronic Assoc., Inc. (R) Long Branch, N.J.	640	\$1200	4/67	42		18	
	8400	\$12,000	7/65	21	63	4	22
EMR Computer Div. (R) Minneapolis, Minn.	ASI 210	\$3850	4/62	C		X	
	ASI 2100	\$4200	12/63	C		X	
	ADVANCE 6020	\$4400	4/65	C		C	
	ADVANCE 6040	\$5600	7/65	C		C	
	ADVANCE 6050	\$9000	2/66	C		C	
	ADVANCE 6070	\$15,000	10/66	C		C	
	ADVANCE 6130	\$1550	8/67	23	89	C	37
General Electric (N) Phoenix, Ariz.	115	\$1370-\$5000	4/66	720 E		600 E	
	130	\$4350-\$15,000	-	0		C	
	205	\$2500-\$10,000	6/64	C		X	
	210	\$16,000-\$22,000	7/60	C		X	
	215	\$2500-\$10,000	9/63	C		X	
	225	\$2500-\$16,000	4/61	200 E		X	
	235	\$6000-\$18,000	4/64	130 E		C	
	255 T/S	\$15,000-\$19,000	10/67	C		C	
	265 T/S	\$17,000-\$20,000	10/65	C		C	
	405	\$5120-\$10,000	2/68	C		C	
	415	\$4800-\$13,500	5/64	380 E		70 E	
	420 T/S	\$17,000-\$20,000	6/67	C		C	
	425	\$6000-\$20,000	6/64	130 E		C	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL UNFULFILLED ORDERS
General Electric (cont'd)	430 T/S	\$15,500-\$19,000	-	0		C	
	435	\$8000-\$25,000	9/65	C		C	
	440 T/S	\$22,200-\$27,000	-	0		C	
	625 T/S	\$31,000-\$125,000	4/65	C		C	
	635 T/S	\$35,000-\$167,000	5/65	C		C	
	645	\$40,000-\$250,000	7/66	C	1900 E	C	900 E
Hewlett-Packard (R) Palo Alto, Calif.	2116A	\$600	11/66	106		C	
	2115A	\$412	11/67	140		C	
	2116B	\$650	5/68	34		C	
	2114A	\$250	5/68	55	335	C	50 E
Honeywell (R) Computer Control Div. Framingham, Mass.	DDP-24	\$2500	5/63	93		X	
	DDP-116	\$900	4/65	200		30	
	DDP-124	\$2050	3/66	64		30	
	DDP-224	\$3300	3/65	52		8	
	DDP-516	\$700	9/66	155		150	
	H632	\$2700	-	0	564	?	218
Honeywell (R) EDP Division Wellesley Hills, Mass.	H-110	\$2500	8/68	0		90	
	H-120	\$4000	1/66	650		240	
	H-125	\$5000	12/67	22		75	
	H-200	\$8500	3/64	800		87	
	H-400	\$11,000	12/61	52		X	
	H-800	\$28,000	12/60	59		X	
	H-1200	\$9500	2/66	175		130	
	H-1250	\$12,000	7/68	0		20	
	H-1400	\$14,000	1/64	7		X	
	H-1800	\$50,000	1/64	16		X	
	H-2200	\$26,000	1/66	88		71	
	H-4200	\$26,000	8/68	0		20	
		H-8200	\$50,000	12/68	0	1869 E	5
IBM (N) White Plains, N.Y.	305	\$3600	12/57	C		X	
	360/20	\$3000	12/65	7700 E		4200 E	
	360/25	\$5330	1/68	C		1800 E	
	360/30	\$9340	5/65	7400 E		2300 E	
	360/40	\$19,550	4/65	3500 E		1100 E	
	360/44	\$15,000	7/66	C		C	
	360/50	\$32,960	8/65	C		C	
	360/65	\$69,850	11/65	C		C	
	360/67	\$138,000	10/66	C		C	
	360/75	\$81,400	2/66	C		C	
	360/85	\$115,095	-	0		C	
	360/90 Series	-	10/67	C		C	
	650	\$4800	11/54	C		X	
	1130	\$1545	2/66	4000 E		4300 E	
	1401	\$6480	9/60	6300 E		X	
	1401-G	\$2300	5/64	1460 E		X	
	1401-H	\$1300	6/67	C		C	
	1410	\$17,000	11/61	C		C	
	1440	\$4300	4/63	3360 E		C	
	1460	\$10,925	10/63	1140 E		X	
	1620 I, II	\$4000	9/60	1500 E		C	
	1800	\$4800	1/66	C		C	
	701	\$5000	4/53	C		X	
	7010	\$26,000	10/63	C		C	
	702	\$6900	2/55	C		X	
	7030	\$160,000	5/61	C		X	
	704	\$32,000	12/55	C		X	
	7040	\$25,000	6/63	C		C	
	7044	\$36,500	6/63	C		C	
	705	\$38,000	11/55	C		X	
	7070, 2, 4	\$27,000	3/60	C		X	
	7080	\$60,000	8/61	C		X	
	709	\$40,000	8/58	C		X	
7090	\$63,500	11/59	C		X		
7094	\$75,500	9/62	C		X		
7094 II	\$82,500	4/64	C		42,100 E	C	16,000 E
Interdata (R) Oceanport, N.J.	Model 2	\$200-\$300	7/68	3		1	
	Model 3	\$300-\$500	3/67	105		35	
	Model 4	\$400-\$800	8/68	6	114	22	58
National Cash Register Co. (R) Dayton, Ohio	NCR-304	\$14,000	1/60	24		X	
	NCR-310	\$2500	5/61	10		X	
	NCR-315	\$8500	5/62	700		150	
	NCR-315-RMC	\$12,000	9/65	105		50	
	NCR-390	\$1850	5/61	1200		6	
	NCR-500	\$1500	10/65	2000		580	
	NCR-Century-100	\$2645	-	-		C	
	NCR-Century-200	\$7500	-	-	4039	C	1050 E
Pacific Data Systems Inc. (R) Santa Ana, Calif.	PDS 1020	\$550-\$900	2/64	145	145	10	10
Philco (R) Willow Grove, Pa.	1000	\$7010	6/63	16		X	
	2000-210, 211	\$40,000	10/58	16		X	
	200-212	\$52,000	1/63	12	44	X	0
Potter Instrument Co., Inc. Plainview, N.Y.	PC-9600	\$12,000 (S)	-	-	-	-	-
Radio Corp. of America (R) Cherry Hill, N.J.	RCA 301	\$7000	2/61	635		C	
	RCA 3301	\$17,000	7/64	75		C	
	RCA 501	\$14,000	6/59	96		X	
	RCA 601	\$35,000	11/62	3		X	
	Spectra 70/15	\$4500	9/65	190		120	
	Spectra 70/25	\$6500	9/65	102		57	
	Spectra 70/35	\$10,400	1/67	60		135	
	Spectra 70/45	\$22,000	11/65	110		85	
	Spectra 70/46	\$34,400	-	0		C	
	Spectra 70/55	\$34,300	11/66	7	1270 E	14	420 E
Raytheon (R) Santa Ana, Calif.	250	\$1200	12/60	175		X	
	440	\$3500	3/64	20		X	
	520	\$3200	10/65	27		0	
	703	(S)	10/67	70	292	20	20
Scientific Control Corp. (R) Dallas, Tex.	650	\$500	5/66	23		0	
	655	\$1800	10/66	63		15	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL UNFULFILLED ORDERS
Scientific Control Corp. (cont'd)	660	\$2000	10/65	9		6	
	670	\$2600	5/66	1		0	
	6700	\$30,000	10/67	0		1	
	4700	\$500	2/69	0		14	
	6700	\$30,000	10/67	0	96	2	32
Scientific Data Syst., Inc. (N) Santa Monica, Calif.	SDS-92	\$1500	4/65	120 E		10 E	
	SDS-910	\$2000	8/62	225 E		25 E	
	SDS-920	\$2900	9/62	200 E		20	
	SDS-925	\$3000	12/64	C		C	
	SDS-930	\$3400	6/64	235 E		30	
	SDS-940	\$10,000	4/66	C		C	
	SDS-9300	\$7000	11/64	C		C	
	Sigma 2	\$1000	12/66	95 E		160	
Standard Computer Corp. (N) Los Angeles, Calif.	Sigma 5	\$6000	8/67	C		50	
	Sigma 7	\$12,000	12/66	C	1045 E	C	320 E
Systems Engineering Labs (R) Ft. Lauderdale, Fla.	IC 4000	\$9000	7/68	0		2 E	
	IC 6000	\$10,000-\$22,000	5/67	7	7	12 E	14 E
UNIVAC, Div. of Sperry Rand (R) New York, N.Y.	SEL 810	\$1000	9/65	24		X	
	SEL 810A	\$900	8/66	91		34	
	SEL 810B	\$1200	9/68	4		18	
	SEL 840	\$1400	11/65	4		X	
	SEL 840A	\$1400	8/66	33		X	
	SEL 840 MP	\$2000	1/68	7	163	20	72
	I & II	\$25,000	3/51 & 11/57	23		X	
	III	\$20,000	8/62	77		X	
	File Computers	\$15,000	8/56	13		X	
	Solid-State 80 I, II, 90, I, II & Step	\$8000	8/58	210		X	
Varian Data Machines (R) Newport Beach, Calif.	418	\$11,000	6/63	135		20	
	490 Series	\$35,000	12/61	200		35	
	1044	\$1900	2/63	3000 E		20	
	1005	\$2400	4/66	1150		90	
	1050	\$8000	9/63	280		10	
	1100 Series (except 1107 & 1108)	\$35,000	12/50	9		X	
	1107	\$55,000	10/62	33		X	
	1108	\$65,000	9/65	105		75	
	9200	\$1500	6/67	230		850	
	9300	\$3400	7/67	125		550	
	9400	\$7000	5/69	0		60	
	LARC	\$135,000	5/60	2	5592 E	X	1670 E
	620	\$900	11/65	75		0	
	620i	\$500	6/67	255		430	
	520i	-	10/68	8	338	-	430
I. U.S. Manufacturers, TOTAL —					67,200 E		23,300 E
<u>II. Non-United States Manufacturers</u>							
A/S Norsk Data-Elektronikk Oslo, Norway	NORD 1	\$1000	8/68	5		3	
	NORD 2	\$200	8/69	0	5	0	3
A/S Regnecentralen (R) Copenhagen, Denmark	GIER	\$2300-\$7500	12/60	37		1	
	RC 4000	\$3000-\$20,000	6/67	1	38	1	2
Elbit Computers Ltd. (R) Haifa, Israel	Elbit-100	\$4900 (S)	10/67	35	35	15	15
English Electric Computers Ltd. (R) London, England	LEO I	-	-/53	3		X	
	LEO II	-	6/57	11		X	
	LEO III	\$9600-\$24,000	4/62	39		X	
	LEO 360	\$9600-\$28,800	2/65	8		X	
	LEO 326	\$14,400-\$36,000	5/65	11		X	
	DEUCE	-	4/55	32		X	
	KDF 6	-	12/63	17		X	
	KDF 8-10	-	9/61	12		X	
	KDF 9	\$9600-\$36,000	4/63	28		X	
	KDN 2	-	4/63	8		X	
	KDF 7	\$1920-\$12,000	5/66	8		X	
	SYSTEM 4-30	\$3600-\$14,400	10/67	3		C	
	SYSTEM 4-40	\$7200-\$24,000	5/69	-		C	
	SYSTEM 4-50	\$8400-\$28,800	5/67	9		C	
	SYSTEM 4-70	\$9600-\$36,000	1/68	2		C	
	SYSTEM 4-75	\$9600-\$40,800	9/68	-		C	
	ELLIOTT 903	\$640-\$1570	1/66	52		C	
ELLIOTT 4120	\$1600-\$4400	10/65	82		C		
ELLIOTT 4130	\$2200-\$9000	6/66	23	348	C	110	
GEC-AEI Automation Ltd. (R) New Parks, Leicester, England	Series 90-2/10/20/25/ 30/40/300	-	1/66	13		X	
	S-Two	-	3/68	1		X	
	130	-	12/64	2		X	
	330	-	3/64	9		X	
	959	-	-/65	1		X	
	1010	-	12/61	8		X	
	1040	-	7/63	1		X	
	CON/PAC 4020	-	-	0		C	
	CON/PAC 4040	-	5/66	9		C	
	CON/PAC 4060	-	12/66	5	49	C	8
	International Computers Limited (R) London, England	1200/1/2	\$900	-/55	62		X
1300		\$3000	-/63	79		X	
1301		\$5000	-/61	127		X	
1500		\$6000	-/62	125		X	
1100		\$5000	-/60	23		X	
2400		\$23,000	-/61	4		X	
Atlas 1 & 2		\$65,000	-	6		X	
Orion 1 & 2		\$20,000	-/63	17		X	
Sirius		-	-/61	22		X	
Mercury		-	-	19		X	
Pegasus 1 & 2		-	-/56	33		X	
1901		\$4000	9/66	328		112	
1902		\$4800	7/65	189		24	
1903	\$6500	7/65	99		20		

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTAL-LATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILLED ORDERS
International Computers Limited (cont'd)	1904	\$12,200	5/65	58		5	
	1905	\$13,000	12/64	31		3	
	1909	\$5500	8/65	17		1	
	1906	\$28,000	12/66	4		1	
	1907	\$29,000	12/66	9		0	
	1904E	\$16,000	1/68	8		34	
	1905E	\$16,500	1/68	4		15	
	1904F	\$17,000	-	-		9	
	1905F	\$17,500	-	-		12	
	1906E	\$29,300	-	-		2	
	1907E	\$30,300	3/68	1		1	
	1906F	\$31,200	-	-		2	
	1907F	\$32,500	-	-		2	
	1901A	\$3700	3/68	1		102	
1902A	\$3600	-	-		72		
1903A	\$10,600	9/67	2		7		
1904A	\$18,600	-	-		1		
1906A	\$54,000	-	-		1	426	
Japanese mfrs.	Various models	-	-	C	1268	1	
The Marconi Co., Ltd. Chelmsford, Essex, England	Myriad I	£36,000-£66,000	3/66	26	2074 E	C	500 E
N.V. Philips' Computer Industrie	Myriad II	£22,000-£42,500	10/67	8	34	10	29
	P1000	?	6/68	0	0	5 E	5 E
Aneeldoorn, Netherlands							
Saab Aktiebolag (R) Linköping, Sweden	DATASAAB D21	\$5000-\$14,000	12/62	32		2	
	DATASAAB D22	\$8000-\$60,000	5/68	1	33	11	13
Siemens Aktiengesellschaft Munich, Germany	2002	54,000 (Deutsche Marks)	6/59	42		-	
	3003	52,000	12/63	34		1	
	4004/15/16	19,000	10/65	70		15	
	4004/25/26	32,000	1/66	31		8	
	4004/35	46,000	2/67	69		61	
	4004/45	75,000	7/66	59		40	
	4004/55	103,000	12/66	4		2	
	301	2000	-	1		14	
	302	4000	9/67	13		8	
	303	10,000	4/65	67		8	
	304	12,000	-	14		20	
	305	14,000	11/67	21	425	26	203
Union of Soviet Socialist Republics	BESM 4	-	-	C		C	
	BESM 6	-	-	C		C	
	MINSK 2	-	-	C		C	
	MINSK 22	-	-	C		C	
	MIR	-	-	C		C	
	NAIRI	-	-	C		C	
	ONEGA 1	-	-	C		C	
	ONEGA 2	-	-	C		C	
	URAL 11/14/16 and others	-	-	C		C	
					2500 E		700 E
II. Non-U.S. Manufacturers, TOTAL					—	6000 E	2000 E
Combined, TOTAL					—	74,000 E	25,300 E

MONTHLY COMPUTER CENSUS

The following is a summary made by "Computers and Automation" of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide.

Our census has begun to include computers manufactured by organizations outside the United States. We invite all manufacturers located anywhere to submit information for this census. We also invite our readers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (R) - figures derived all or in part from information released directly or indirectly by the manufacturer, or from reports by other sources likely to be informed
- (N) - manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (S) - sale only
- X - no longer in production
- C - figure is combined in a total (see column to the right)
- E - figures estimated by Computers and Automation
- ? - information not received at press time

AS OF DECEMBER 15, 1968

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL UNFULFILLED ORDERS
I. United States Manufacturers							
Autonetics (R) Anaheim, Calif.	RECOMP II	\$2495	11/58	30		X	
	RECOMP III	\$1495	6/61	6	36	X	0
Bailey Meter Co. Wickliffe, Ohio	Bailey 756	\$60,000-\$400,000 (S)	2/65	17		3	
	Bailey 855	\$100,000 (S)	4/68	0	17	15	18
Bunker-Ramo Corp. (R) Canoga Park, Calif.	BR-130	\$2000	10/61	160		X	
	BR-133	\$2400	5/64	62		X	
	BR-230	\$2680	8/63	15		X	
	BR-300	\$3000	3/59	18		X	
	BR-330	\$4000	12/60	23		X	
	BR-340	\$7000	12/63	19	297	X	0
Burroughs (R) Detroit, Mich.	205	\$4600	1/54	38		X	
	220	\$14,000	10/58	31		X	
	B200 Series, B100	\$5400	11/61	800		31	
	B300 Series	\$9000	7/65	370		150	
	B500	\$3800	10/68	0		70	
	B2500	\$5000	2/67	57		117	
	B3500	\$14,000	5/67	44		190	
	B5500	\$22,000	3/63	74		8	
	B6500	\$33,000	2/68	4		31	
	B7500	\$44,000	4/69	0		13	
	B8500	\$200,000	8/67	1	1430 E	5	550 E
Control Data Corp. (R) Minneapolis, Minn.	G-15	\$1600	7/55	295		X	
	G-20	\$15,500	4/61	20		X	
	LGP-21	\$725	12/62	165		X	
	LGP-30	\$1300	9/56	322		X	
	RPC-4000	\$1875	1/61	75		X	
	636/136/046 Series	?	-	29		C	
	160*/8090 Series	\$2100-\$14,000	5/60	610		X	
	924/924A	\$11,000	8/61	29		X	
	1604/A/B	\$45,000	1/60	59		X	
	1700	\$3500	5/66	100		C	
	3100/3200/3300	\$10,000-\$16,250	5/64	311		C	
	3400/3600/3800	\$18,000-\$48,750	6/63	79		C	
	6400/6500/6600	\$52,000-\$117,000	8/64	77		C	
	6800	\$130,000	6/67	0		C	
	7600	\$150,000	12/68	0	1900 E	C	300 E
Datacraft Corp. Ft. Lauderdale, Fla.	DC6024	\$1300	1/69	0	0	3	3
Data General Corp. Hudson, Mass.	NOVA	\$7950 (S)	1/68	0	0	0	0
Digital Electronics Inc. (R) Plainview, N.Y.	DIGIAC 3080	\$19,500 (S)	12/64	11		1	
	DIGIAC 3080C	\$25,000 (S)	10/67	1	12	1	2
Digital Equipment Corp. (R) Maynard, Mass.	PDP-1	\$3400	11/60	48		X	
	PDP-4	\$1700	8/62	32		X	
	PDP-5	\$900	9/63	100		X	
	PDP-6	\$10,000	10/64	21		X	
	PDP-7	\$1300	11/64	99		X	
	PDP-8	\$525	4/65	1381		C	
	PDP-8/S	\$300	9/66	880		C	
	PDP-8/I	\$425	3/68	541		C	
	PDP-8/L	?	11/68	39		C	
	PDP-9	\$1000	12/66	309		C	
	PDP-9/L	?	-	3		C	
	PDP-10	\$7500	12/67	36		C	
	LINC-8	?	9/66	136	3616	C	450 E
Electronic Assoc., Inc. (R) Long Branch, N.J.	640	\$1200	4/67	42		18	
	8400	\$12,000	7/65	21	63	4	22
EMR Computer Div. (R) Minneapolis, Minn.	ASI 210	\$3850	4/62	C		X	
	ASI 2100	\$4200	12/63	C		X	
	ADVANCE 6020	\$4400	4/65	C		C	
	ADVANCE 6040	\$5600	7/65	C		C	
	ADVANCE 6050	\$9000	2/66	C		C	
	ADVANCE 6070	\$15,000	10/66	C		C	
	ADVANCE 6130	\$1550	8/67	23	89	C	37
General Electric (N) Phoenix, Ariz.	115	\$1370-\$5000	4/66	720 E		600 E	
	130	\$4350-\$15,000	-	0		C	
	205	\$2500-\$10,000	6/64	C		X	
	210	\$16,000-\$22,000	7/60	C		X	
	215	\$2500-\$10,000	9/63	C		X	
	225	\$2500-\$16,000	4/61	200 E		X	
	235	\$6000-\$18,000	4/64	130 E		C	
	255 T/S	\$15,000-\$19,000	10/67	C		C	
	265 T/S	\$17,000-\$20,000	10/65	C		C	
	405	\$5120-\$10,000	2/68	C		C	
	415	\$4800-\$13,500	5/64	380 E		70 E	
	420 T/S	\$17,000-\$20,000	6/67	C		C	
	425	\$6000-\$20,000	6/64	130 E		C	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTAL-LATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILLED ORDERS
General Electric (cont'd)	430 T/S	\$15,500-\$19,000	-	0		C	
	435	\$8000-\$25,000	9/65	C		C	
	440 T/S	\$22,200-\$27,000	-	0		C	
	625 T/S	\$31,000-\$125,000	4/65	C		C	
	635 T/S	\$35,000-\$167,000	5/65	C		C	
	645	\$40,000-\$250,000	7/66	C	1900 E	C	900 E
Hewlett-Packard (R) Palo Alto, Calif.	2116A	\$600	11/66	106		C	
	2115A	\$412	11/67	140		C	
	2116B	\$650	5/68	34		C	
	2114A	\$250	5/68	55	335	C	50 E
Honeywell (R) Computer Control Div. Framingham, Mass.	DDP-24	\$2500	5/63	93		X	
	DDP-116	\$900	4/65	200		30	
	DDP-124	\$2050	3/66	64		30	
	DDP-224	\$3300	3/65	52		8	
	DDP-516	\$700	9/66	155		150	
	H632	\$2700	-	0	564	?	218
Honeywell (R) EDP Division Wellesley Hills, Mass.	H-110	\$2500	8/68	0		90	
	H-120	\$4000	1/66	650		240	
	H-125	\$5000	12/67	22		75	
	H-200	\$8500	3/64	800		87	
	H-400	\$11,000	12/61	52		X	
	H-800	\$28,000	12/60	59		X	
	H-1200	\$9500	2/66	175		130	
	H-1250	\$12,000	7/68	0		20	
	H-1400	\$14,000	1/64	7		X	
	H-1800	\$50,000	1/64	16		X	
	H-2200	\$26,000	1/66	88		71	
	H-4200	\$26,000	8/68	0		20	
	H-8200	\$50,000	12/68	0		1869 E	5
IBM (N) White Plains, N.Y.	305	\$3600	12/57	C		X	
	360/20	\$3000	12/65	7700 E		4200 E	
	360/25	\$5330	1/68	C		1800 E	
	360/30	\$9340	5/65	7400 E		2300 E	
	360/40	\$19,550	4/65	3500 E		1100 E	
	360/44	\$15,000	7/66	C		C	
	360/50	\$32,960	8/65	C		C	
	360/65	\$69,850	11/65	C		C	
	360/67	\$138,000	10/66	C		C	
	360/75	\$81,400	2/66	C		C	
	360/85	\$115,095	-	0		C	
	360/90 Series	-	10/67	C		C	
	650	\$4800	11/54	C		X	
	1130	\$1545	2/66	4000 E		4300 E	
	1401	\$6480	9/60	6300 E		X	
	1401-G	\$2300	5/64	1460 E		X	
	1401-H	\$1300	6/67	C		C	
	1410	\$17,000	11/61	C		C	
	1440	\$4300	4/63	3360 E		C	
	1460	\$10,925	10/63	1140 E		X	
	1620 I, II	\$4000	9/60	1500 E		C	
	1800	\$4800	1/66	C		C	
	701	\$5000	4/53	C		X	
	7010	\$26,000	10/63	C		C	
	702	\$6900	2/55	C		X	
	7030	\$160,000	5/61	C		X	
	704	\$32,000	12/55	C		X	
	7040	\$25,000	6/63	C		C	
	7044	\$36,500	6/63	C		C	
	705	\$38,000	11/55	C		X	
	7070, 2, 4	\$27,000	3/60	C		X	
	7080	\$60,000	8/61	C		X	
	709	\$40,000	8/58	C		X	
7090	\$63,500	11/59	C		X		
7094	\$75,500	9/62	C		X		
7094 II	\$82,500	4/64	C		42,100 E	16,000 E	
Interdata (R) Oceanport, N.J.	Model 2	\$200-\$300	7/68	3		1	
	Model 3	\$300-\$500	3/67	105		35	
	Model 4	\$400-\$800	8/68	6	114	22	58
National Cash Register Co. (R) Dayton, Ohio	NCR-304	\$14,000	1/60	24		X	
	NCR-310	\$2500	5/61	10		X	
	NCR-315	\$8500	5/62	700		150	
	NCR-315-RMC	\$12,000	9/65	105		50	
	NCR-390	\$1850	5/61	1200		6	
	NCR-500	\$1500	10/65	2000		580	
	NCR-Century-100	\$2645	-	-		C	
NCR-Century-200	\$7500	-	-		4039	1050 E	
Pacific Data Systems Inc. (R) Santa Ana, Calif.	PDS 1020	\$550-\$900	2/64	145	145	10	10
Philco (R) Willow Grove, Pa.	1000	\$7010	6/63	16		X	
	2000-210, 211	\$40,000	10/58	16		X	
	200-212	\$52,000	1/63	12	44	X	0
Potter Instrument Co., Inc. Plainview, N.Y.	PC-9600	\$12,000 (S)	-	-	-	-	-
Radio Corp. of America (R) Cherry Hill, N.J.	RCA 301	\$7000	2/61	635		C	
	RCA 3301	\$17,000	7/64	75		C	
	RCA 501	\$14,000	6/59	96		X	
	RCA 601	\$35,000	11/62	3		X	
	Spectra 70/15	\$4500	9/65	190		120	
	Spectra 70/25	\$6500	9/65	102		57	
	Spectra 70/35	\$10,400	1/67	60		135	
	Spectra 70/45	\$22,000	11/65	110		85	
	Spectra 70/46	\$34,400	-	0		C	
Spectra 70/55	\$34,300	11/66	7	1270 E	14	420 E	
Raytheon (R) Santa Ana, Calif.	250	\$1200	12/60	175		X	
	440	\$3500	3/64	20		X	
	520	\$3200	10/65	27		0	
	703	(S)	10/67	70	292	20	20
Scientific Control Corp. (R) Dallas, Tex.	650	\$500	5/66	23		0	
	655	\$1800	10/66	63		15	

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTAL-LATIONS	NUMBER OF UNFULFILLED ORDERS	MFR'S TOTAL UNFULFILLED ORDERS	
Scientific Control Corp. (cont'd)	660	\$2000	10/65	9		6		
	670	\$2600	5/66	1		0		
	6700	\$30,000	10/67	0		1		
	4700	\$500	2/69	0		14		
	6700	\$30,000	10/67	0	96	2	32	
Scientific Data Syst., Inc. (N) Santa Monica, Calif.	SDS-92	\$1500	4/65	120 E		10 E		
	SDS-910	\$2000	8/62	225 E		25 E		
	SDS-920	\$2900	9/62	200 E		20		
	SDS-925	\$3000	12/64	C		C		
	SDS-930	\$3400	6/64	235 E		30		
	SDS-940	\$10,000	4/66	C		C		
	SDS-9300	\$7000	11/64	C		C		
	Sigma 2	\$1000	12/66	95 E		160		
	Sigma 5	\$6000	8/67	C		50		
	Sigma 7	\$12,000	12/66	C	1045 E	C	320 E	
Standard Computer Corp. (N) Los Angeles, Calif.	IC 4000	\$9000	7/68	0		2 E		
	IC 6000	\$10,000-\$22,000	5/67	7	7	12 E	14 E	
Systems Engineering Labs (R) Ft. Lauderdale, Fla.	SEL 810	\$1000	9/65	24		X		
	SEL 810A	\$900	8/66	91		34		
	SEL 810B	\$1200	9/68	4		18		
	SEL 840	\$1400	11/65	4		X		
	SEL 840A	\$1400	8/66	33		X		
	SEL 840 MP	\$2000	1/68	7	163	20	72	
UNIVAC, Div. of Sperry Rand (R) New York, N.Y.	I & II	\$25,000	3/51 & 11/57	23		X		
	III	\$20,000	8/62	77		X		
	File Computers	\$15,000	8/56	13		X		
	Solid-State 80 I, II, 90, I, II & Step	\$8000	8/58	210		X		
	418	\$11,000	6/63	135		20		
	490 Series	\$35,000	12/61	200		35		
	1044	\$1900	2/63	3000 E		20		
	1005	\$2400	4/66	1150		90		
	1050	\$8000	9/63	280		10		
	1100 Series (except 1107 & 1108)	\$35,000	12/50	9		X		
	1107	\$55,000	10/62	33		X		
	1108	\$65,000	9/65	105		75		
	9200	\$1500	6/67	230		850		
	9300	\$3400	7/67	125		550		
	9400	\$7000	5/69	0		60		
		LARC	\$135,000	5/60	2	5592 E	X	1670 E
Varian Data Machines (R) Newport Beach, Calif.	620	\$900	11/65	75		0		
	620i	\$500	6/67	255		430		
	520i	-	10/68	8	338	-	430	
I. U.S. Manufacturers, TOTAL —						67,200 E	23,300 E	
<u>II. Non-United States Manufacturers</u>								
A/S Norsk Data-Elektronikk Oslo, Norway	NORD 1	\$1000	8/68	5		3		
	NORD 2	\$200	8/69	0	5	0	3	
A/S Regnecentralen (R) Copenhagen, Denmark	GIER	\$2300-\$7500	12/60	37		1		
	RC 4000	\$3000-\$20,000	6/67	1	38	1	2	
Elbit Computers Ltd. (R) Haifa, Israel	Elbit-100	\$4900 (S)	10/67	35	35	15	15	
English Electric Computers Ltd. (R) London, England	LEO I	-	-/53	3		X		
	LEO II	-	6/57	11		X		
	LEO III	\$9600-\$24,000	4/62	39		X		
	LEO 360	\$9600-\$28,800	2/65	8		X		
	LEO 326	\$14,400-\$36,000	5/65	11		X		
	DEUCE	-	4/55	32		X		
	KDF 6	-	12/63	17		X		
	KDF 8-10	-	9/61	12		X		
	KDF 9	\$9600-\$36,000	4/63	28		X		
	KDN 2	-	4/63	8		X		
	KDF 7	\$1920-\$12,000	5/66	8		X		
	SYSTEM 4-30	\$3600-\$14,400	10/67	3		C		
	SYSTEM 4-40	\$7200-\$24,000	5/69	-		C		
	SYSTEM 4-50	\$8400-\$28,800	5/67	9		C		
	SYSTEM 4-70	\$9600-\$36,000	1/68	2		C		
	SYSTEM 4-75	\$9600-\$40,800	9/63	-		C		
	ELLIOTT 903	\$640-\$1570	1/66	52		C		
	ELLIOTT 4120	\$1600-\$4400	10/65	82		C		
	ELLIOTT 4130	\$2200-\$9000	6/66	23	348	C	110	
GEC-AEI Automation Ltd. (R) New Parks, Leicester, England	Series 90-2/10/20/25/ 30/40/300	-	1/66	13		X		
	S-Two	-	3/68	1		X		
	130	-	12/64	2		X		
	330	-	3/64	9		X		
	959	-	-/65	1		X		
	1010	-	12/61	8		X		
	1040	-	7/63	1		X		
	CON/PAC 4020	-	-	0		C		
	CON/PAC 4040	-	5/66	9		C		
	CON/PAC 4060	-	12/66	5	49	C	8	
	International Computers Limited (R) London, England	1200/1/2	\$900	-/55	62		X	
		1300	\$3000	-/63	79		X	
		1301	\$5000	-/61	127		X	
1500		\$6000	-/62	125		X		
1100		\$5000	-/60	23		X		
2400		\$23,000	-/61	4		X		
Atlas 1 & 2		\$65,000	-	6		X		
Orion 1 & 2		\$20,000	-/63	17		X		
Sirius		-	-/61	22		X		
Mercury		-	-	19		X		
Pegasus 1 & 2		-	-/56	33		X		
1901		\$4000	9/66	328		112		
1902		\$4800	7/65	189		24		
1903		\$6500	7/65	99		20		

NAME OF MANUFACTURER	NAME OF COMPUTER	AVERAGE OR RANGE OF MONTHLY RENTAL	DATE OF FIRST INSTALLATION	NUMBER OF INSTALLATIONS	MFR'S TOTAL INSTALLATIONS	NUMBER OF UNFILLED ORDERS	MFR'S TOTAL UNFILLED ORDERS
International Computers Limited (cont'd)	1904	\$12,200	5/65	58		5	
	1905	\$13,000	12/64	31		3	
	1909	\$5500	8/65	17		1	
	1906	\$28,000	12/66	4		1	
	1907	\$29,000	12/66	9		0	
	1904E	\$16,000	1/68	8		34	
	1905E	\$16,500	1/68	4		15	
	1904F	\$17,000	-	-		9	
	1905F	\$17,500	-	-		12	
	1906E	\$29,300	-	-		2	
	1907E	\$30,300	3/68		1	1	
	1906F	\$31,200	-	-		2	
	1907F	\$32,500	-	-		2	
	1901A	\$3700	3/68		1	102	
	1902A	\$3600	-	-		72	
	1903A	\$10,600	9/67		2	7	
	1904A	\$18,600	-	-		1	
1906A	\$54,000	-	-		1	426	
Japanese mfrs.	Various models	-	-	C	1268	C	500 E
The Marconi Co., Ltd.	Myriad I	£36,000-£66,000	3/66	26	2074 E	19	
Chelmsford, Essex, England	Myriad II	£22,000-£42,500	10/67	8	34	10	29
N.V.Philips' Computer Industrie	P1000	?	6/68	0	0	5 E	5 E
Apeldoorn, Netherlands							
Saab Aktiebolag (R)	DATASAAB D21	\$5000-\$14,000	12/62	32		2	
Linköping, Sweden	DATASAAB D22	\$8000-\$60,000	5/68	1	33	11	13
Siemens Aktiengesellschaft	2002	54,000 (Deutsche Marks)	6/59	42		-	
Munich, Germany	3003	52,000	12/63	34		1	
	4004/15/16	19,000	10/65	70		15	
	4004/25/26	32,000	1/66	31		8	
	4004/35	46,000	2/67	69		61	
	4004/45	75,000	7/66	59		40	
	4004/55	103,000	12/66	4		2	
	301	2000	-	1		14	
	302	4000	9/67	13		8	
	303	10,000	4/65	67		8	
	304	12,000	-	14		20	
	305	14,000	11/67	21	425	26	203
Union of Soviet Socialist Republics	BESM 4	-	-	C		C	
	BESM 6	-	-	C		C	
	MINSK 2	-	-	C		C	
	MINSK 22	-	-	C		C	
	MIR	-	-	C		C	
	NAIRI	-	-	C		C	
	ONEGA 1	-	-	C		C	
	ONEGA 2	-	-	C		C	
	URAL 11/14/16 and others	-	-	C		C	
II. Non-U.S. Manufacturers, TOTAL --					2500 E		700 E
					6800 E		2000 E
Combined, TOTAL --					74,000 E		25,300 E

COMPUTER CENSUS

I. and U. Prakash
 DP Data Corp.
 61 Helen Drive
 Marlboro, Mass. 01752

Introduction:

DP DATA CORPORATION collects information through year-round continuing market surveys. Its market research program includes world-wide files on computer, unit record, and other data processing equipment and software. These files identify by each user installation sites and information regarding digital computers, other data processing equipment, and software.

Part 1, information on leading manufacturers in the U.S. market, is presented in this issue. Part 2, information on other manufacturers in the U.S. market and Part 3, information on all manufacturers in the non-U.S. market will be presented in later issues. As always, we invite and welcome comments, additions, or corrections from informed readers.

COMPUTERS AND AUTOMATION has published a monthly Computer Census for several years. Starting with this issue, an improved Computer Census will be published. Essentially, it will be based on more accurate information and will be in a new format. We have made an arrangement with DP DATA CORPORATION, a leading market research firm specializing in the information processing industry, to provide data from its data base and to supplement the information provided to us by other sources.

PART 1 - THE TOP TEN MANUFACTURERS

Data as of September 30, 1968 (except as noted)

* Data not available at press time

MANUFACTURER	COMPUTER TYPE	DATE OF INITIAL CUSTOMER INSTALLATION	AVERAGE MONTHLY RENTAL \$ (000)	NUMBER OF COMPUTERS INSTALLED IN U. S. LEASED & PURCHASED
Burroughs	205	1/54	4.6	29
	220	10/58	14.0	28
	B100	8/64	2.8	90
	B200	11/61	5.4	372
	B300	7/65	9.0	183
	B500	-	3.8	None
	B2500	2/67	5.0	52
	B3500	5/67	14.0	44
	B5500	3/63	25.0	65
	B6500	-	33.0	None
	B7500	-	44.0	None
	B8500	-	200.0	None
	Control Data	G-15	7/55	1.6
G-20		4/61	15.5	*
LGP-21		12/62	0.7	*
LGP-30		9/56	1.3	*
RPC-4000		1/61	1.9	*
160/160A/160C		5/60;7/61;3/64	2.1;5.0;12.0	*
924/924A		8/61	11.0	*
1604/1604A		1/60	45.0	*
1700		5/66	3.8	65
3100/3150		12/64	10.0	68
3200		5/64	14.0	46
3300		9/65	20.0	38
3400		11/64	18.0	12
3500		8/68	25.0	1
3600		6/63	52.0	30
3800	2/66	53.0	8	
Digital Equipment (Data as of Dec. 31, 1968)	6400/6500	5/66	56.0	23
	6600	8/64	115.0	32
	7600	-	235.0	None
	PDP-1	11/60	3.4	48
PDP-4	PDP-4	8/62	1.7	32
	PDP-5	9/63	0.9	100
	PDP-6	10/64	10.0	21
	PDP-7	11/64	1.3	99
	PDP-8	4/65	0.5	1381
	PDP-9	12/66	1.1	309
	PDP-10	10/67	9.0	36

PART 1 - THE TOP TEN MANUFACTURERS
 Data as of September 30, 1968 (except as noted)
 * Data not available at press time

MANUFACTURER	COMPUTER TYPE	DATE OF INITIAL CUSTOMER INSTALLATION	AVERAGE MONTHLY RENTAL \$ (000)	NUMBER OF COMPUTERS INSTALLED IN U. S. LEASED & PURCHASED
General Electric	115	12/65	2.2	198
	130	-	4.5	None
	205	6/64	2.9	11
	210	7/59	16.0	35
	215	9/63	6.0	15
	225	4/61	8.3	143
	235	4/64	12.5	54
	405	2/68	6.0	8
	415	5/64	11.0	170
	425	6/64	18.0	47
	435	9/65	25.0	6
	625	4/65	50.0	23
	635	5/65	60.0	19
	645	7/66	90.0	4
	4020	2/67	5.0	13
	4040	8/64	3.0	18
	Honeywell	4050	12/66	7.0
4060		6/65	8.5	8
110		-	2.5	None
120		1/66	4.0	260
125		12/67	5.0	16
200		3/64	8.5	448
400		12/61	8.5	32
800		12/60	28.0	42
1200		2/66	10.0	62
1250		-	12.0	None
1400		1/64	14.0	6
1800		1/64	50.0	8
2200		1/66	16.0	32
4200	-	21.0	None	
8200	-	50.0	None	
IBM	1130	2/66	1.7	2580
	1401	9/60	5.4	2210
	1410	11/61	17.0	156
	1440	4/63	4.1	1690
	1460	10/63	9.6	194
	1620	9/60	4.1	285
	1800	1/66	5.0	415
	7010	10/63	26.0	67
	7040	6/63	25.0	35
	7044	6/63	36.5	28
	7070	3/60	27.0	10
	7074	3/60	35.0	44
	7080	8/61	60.0	13
	7090	11/59	63.5	4
	7094-I	9/62	75.0	10
	7094-II	4/64	83.0	6
	3620	12/65	2.8	4690
	3625	-	5.3	None
	3630	5/65	9.3	5076
	3640	4/65	19.0	1261
	3644	7/66	15.0	66
	3650	8/65	33.0	478
	3665	11/65	70.0	175
3667	6/66	138.0	9	
3675	1/66	81.5	14	
3685	-	115.0	None	
3690	11/67	150.0	5	
NCR	304	1/60	14.0	5
	310	5/61	2.5	8
	315	5/62	8.7	265
	315 RMC	9/65	12.0	57
	390	5/61	1.9	81
	500	10/65	1.5	620
	Century 100	9/68	2.7	8
	Century 200	-	7.5	None
RCA	301	2/61	7.0	137
	3301	7/64	18.0	24
	501	6/59	14.0	22
	601	11/62	35.0	2

PART 1 - THE TOP TEN MANUFACTURERS
 Data as of September 30, 1968 (except as noted)
 * Data not available at press time

MANUFACTURER	COMPUTER TYPE	DATE OF INITIAL CUSTOMER INSTALLATION	AVERAGE MONTHLY RENTAL \$ (000)	NUMBER OF COMPUTERS INSTALLED IN U. S. LEASED & PURCHASED
RCA.	70/15	9/65	4.1	90
	70/25	9/65	6.7	68
	70/35	1/67	8.0	65
	70/45	11/65	23.0	84
	70/46	-	33.5	None
	70/55	11/66	33.5	11
Scientific Data	92	4/65	15.0	7
	910	8/62	2.0	153
	920	9/62	2.9	93
	925	12/64	3.0	20
	930	6/64	3.4	159
	940	4/66	14.0	28
	9300	11/64	8.5	21
	Sigma 2	12/66	1.8	56
	Sigma 5	8/67	6.0	15
	Sigma 7	12/66	12.0	24
Sperry Rand	III	8/62	21.0	25
	418	6/63	11.0	76
	490 Series	12/61	30.0	75
	1004	2/63	1.9	1502
	1005	4/66	2.4	637
	1050	9/63	8.5	138
	1107	10/62	57.0	8
	1108	9/65	68.0	38
	9200	6/67	1.5	127
	9300	9/67	3.4	106
	9400	-	7.0	None

COMPUTER CENSUS

I. and U. Prakash
 DP Data Corp.
 61 Helen Drive
 Marlboro, Mass. 01752

This Computer Census is based on files which identify by each user, installation sites and information regarding digital computers, other data processing equipment, and software.

Part 1, information on the ten largest manufacturers in the U.S. market, was published in February. Part 2, information on other manufacturers in the

U.S. market was published in March. Part 3, information on non U.S. controlled companies in the world market is presented here. Any company whose data is not included in our censuses is invited to send us the applicable figures for us to publish. Also, we invite any corrections or additions from informed readers.

PART 3A-NON U.S. CONTROLLED COMPANIES IN THE WORLD MARKET (excluding U.S.)

Data as of December 30, 1968 (except as noted)

*1 Data not available at press time

*2 For sale only

MANUFACTURER	COMPUTER TYPE	DATE OF INITIAL CUSTOMER INSTALLATION	AVERAGE MONTHLY RENTAL \$ (000)	NUMBER OF COMPUTERS INSTALLED LEASED & PURCHASED
Elbit Computers	100	10/67	*2	45
English Electric	4-30	10/67	*1	3
	4-40	-	*1	None
	4-50	5/67	*1	9
	4-70	1/68	*1	2
	4-75	-	*1	None
	ELLIOTT 903	1/66	*1	52
	ELLIOTT 4120	10/65	*1	82
	ELLIOTT 4130	6/66	*1	23
GEC-AEI Automation	CON/PAC 4020	-	*1	None
	CON/PAC 4040	5/66	*1	9
	CON/PAC 4060	12/66	*1	5
ICL	1901	9/66	4.0	328
	1901A	3/68	3.7	1
	1902	7/65	4.8	189
	1902A	-	6.3	None
	1903	7/65	6.5	99
	1903A	9/67	10.6	2
	1904	5/65	12.2	58
	1904A	-	18.6	None
	1904E	1/68	16.0	8
	1904F	-	17.0	None
	1905	12/64	13.0	31
	1905E	1/68	16.5	4
	1905F	-	17.5	None
	1906	12/66	28.0	4
	1906A	-	54.0	None
	1906E	-	29.3	None
	1906F	-	31.2	None
1907	12/66	29.0	9	
1907E	3/68	30.3	1	
	1907F	-	32.5	None
	1909	8/65	5.5	17
Marconi Co.	MYRIAD I	3/66	*1	26
	MYRIAD II	10/67	*1	8
Norsk	NORD 1	8/68	1.0	5
Data-Elektronikk	NORD 2	-	0.2	None
Regnecentralen	GIER	12/60	*2	37
	RC 4000	6/67	*2	1
Saab	DATASAAB D21	12/62	*2	32
	DATASAAB D22	5/68	*2	4
Siemens	301	*1	0.5	1
	302	9/67	1.0	16
	303	4/65	2.5	67
	304	*1	3.0	17
	305	11/67	3.5	27
	2002	6/59	13.5	42
	3003	12/63	13.0	34
	4004/15/16	10/65	4.8	75
	4004/25/26	1/66	8.0	32
	4004/35	2/67	11.5	79
4004/45	7/66	18.8	69	
4004/55	12/66	25.8	4	

CENSUSES OF COMPUTERS INSTALLED

I. From M. L. Melville
Public Relations
NCR (National Cash Register Co.)
Dayton, Ohio 45409

Computers and Automation has compiled an outstanding record of factual and objective reporting on the data processing industry. For this reason it should be pointed out that the "Improved" Computer Census published for the first time in your February issue is grossly erroneous with respect to the installation figures listed for NCR.

We do not know the composition of the data base from which these figures were derived, but we suggest that this be carefully re-examined.

Actually, the census figures previously published by your magazine gave a generally accurate picture of the numbers of systems installed by our company to date, although we are not in a position, of course, to comment on the data listed for other manufacturers.

II. Report of a telephone call from Norman M. Bryden, Honeywell EDP, Wellesley Hills, Mass., to the Editor

Mr. Bryden expressed shock over the figures published in the February issue for Honeywell's computers installed. He said they ranged from 70% to 20% of the correct figures. He was not permitted by company policy to state what were the correct figures, nor could he say for which models the various percents of understatement applied. He regretted that company policy prevented him from giving more information. He was dismayed that *Computers and Automation* referred to the census in the February issue as "an improved" census. He said that figures published in the January and earlier issues of *Computers and Automation* were far closer to the correct figures.

III. From a news report (anonymous) in Computerworld for March 5, 1969, Computerworld, 60 Austin St., Newtonville, Mass. 02160

A new computer census, which *Computers and Automation* states is more accurate than its previous censuses appeared in the February issue last week and indicates that the share

of the computer market held by many of the manufacturers previously had been grossly overstated.

A number of the new figures, however, have been disputed by knowledgeable industry sources.

In the new census, the figures for Honeywell, for instance, showed a dramatic change. The population of 120s in the U.S. was down from 650 to 260, a drop of more than half, while the successful Honeywell 200 line had apparently dropped from 800 installations to 448, a 40% drop. Other Honeywell systems were equally adversely affected.

Burroughs was hit in the figures for the B300 series, dropping from 370 installations to 183.

Some of the reduction was understandable because the new figures included only U.S. installations and apparently were five months old, while the original census had dealt with worldwide figures and the situation in the middle of December.

Even so, Honeywell reacted strongly on hearing of the changes and characterized them as being "completely absurd". A Burroughs spokesman also strongly disagreed with the new B300 figures. . . .

IV. From I. Prakash
D. P. Focus
61 Helen Drive
Marlboro, Mass.

We have received several comments on the figures reported in our Computer Census published in the February issue of *Computers and Automation*.

Our Census is based on hard, factual information, including a listing by name and address for each computer enumerated in the Census.

Most of the companies do not release figures, but we would be prepared to change our Census figures on the basis of hard, factual information — from the companies themselves or other sources — which includes the name and address of each computer installation.

We would much appreciate it if other publishers and reporters would state clearly whether or not they have a listing of the name and address of all (not some) of the installations that they include in a census report.

Our Census is published to assist all our readers and executives in the industry who wish to base their plans, marketing strategies, and other actions on accurate information which can be verified.

We will continue to do our best to prepare and publish accurate reports and figures, even if such reports and figures are not highly regarded by some in the industry.

All comments are welcome.

V. From the Editor

We believe it is desirable to publish the best information we can find in regard to the number of computers installed and the number of computers on order, in order to fulfill our efforts in regard to a census of computers.

For a long time we have been dissatisfied with the figures that we have published in the months through January 1969 in the Computer Census. Our dissatisfaction has shown in some of the published notes attached in the January computer census and earlier.

For example, take the note:

(N) — Manufacturer refuses to give any figures on number of orders and installations, and refuses to comment in any way on those numbers listed here.

To publish a figure marked with a note like (N) attached to it gives a superficial impression of accuracy that may be really false, and we do not like to do that. To add such a figure to a really accurate figure furnished by some other manufacturer who is frankly telling the truth, is to us even more of a sta-

tistical sin, and has become more and more distasteful to us.

On one occasion we were told by the public relations officer of a computer manufacturer in California: "When IBM publishes their number of computers installed and their number on order, then we will, and in the meantime we will give you no information." What does an editor do?

On another occasion I asked one of the heads of the Institute of Computers and Mechanics in Moscow, U.S.S.R. how many computers were installed in the Soviet Union; he said it was his impression that there were about 8000, but that he knew of no figures available anywhere, and no way of collecting them either. Later, I commented on the 8000 to an American market research specialist and he said that the figure should be one third of the 8000. What does an editor do?

We are glad to change over to a basis whereby we have an agreement with a competent computer market research organization who will furnish us with computer census information based on the names and addresses of locations where they know computers are installed, who take the responsibility for the correctness of the figures.

We wish to have as little as possible to do with information from:

- "knowledgeable" industry sources
- "informed circles"
- an unnamed "spokesman"
- somebody who "reacted strongly"

and similar vague, indefinite and faceless informants.

If anybody can give us the names and addresses of U.S. installations where a total of six hundred Honeywell Type 120 computers are installed, we shall be more than delighted to increase the total reported in our census to 600, instead of 260. And similarly in all other cases. □

COMPUTER CENSUS

This Computer Census is based on files which identify by each user, installation sites and information regarding digital computers, other data processing equipment, and software.

Part 1, information on the ten largest manufacturers in the U.S. market; Part 2, information on other manufacturers in the U.S. market; and

Part 3a, information on non-U.S. controlled companies in the world market were published previously. Any company whose data is not included in our censuses is invited to send us the applicable figures for us to publish. Also, we invite any corrections or additions from informed readers.

PART 3B-U.S. CONTROLLED COMPANIES IN THE WORLD MARKET (EXCLUDING U.S.)

Data as of December 30, 1968 (except as noted)

*1 Data not available at press time

MANUFACTURER	COMPUTER TYPE	TYPICAL MONTHLY RENTAL	NUMBER OF COMPUTERS	
		\$ (000)	LEASED & PURCHASED	
Burroughs	205	4.6	2	
	220	14.0	2	
	B100	2.8	13	
	B200	5.4	71	
	B300	9.0	40	
	B500	3.8	None	
	B2500	5.0	12	
	B3500	14.0	18	
	B5500	25.0	7	
	B6500	33.0	None	
	B7500	44.0	None	
	B8500	200.0	None	
	Control Data	G-15	1.6	*1
G-20		15.5	*1	
LGP-21		0.7	*1	
LGP-30		1.3	*1	
RPC-4000		1.9	*1	
160/160A/160C		2.1;5.0;12.0	*1	
924/924A		11.0	*1	
1604/1604A		45.0	*1	
1700		3.8	41	
3100/3150		10.0	15	
3200		14.0	15	
3300		20.0	17	
3400		18.0	4	
3500		25.0	None	
3600		52.0	9	
3800		53.0	2	
6400/6500		56.0	14	
6600	115.0	11		
7600	235.0	None		
Digital Equipment	PDP-1	3.4	1	
	PDP-4	1.7	2	
	PDP-5	0.9	8	
	PDP-6	10.0	2	
	PDP-7	1.3	15	
	PDP-8	0.5	209	
	PDP-9	1.1	71	
	PDP-10	9.0	5	
	General Electric	105	1.4	None
		115	2.2	418
130		4.5	None	
205		2.9	None	
210		16.0	None	
215		6.0	1	
225		8.3	16	
235		12.5	17	
405		6.0	3	
415		11.0	68	
425		18.0	20	
435		25.0	6	
625		50.0	3	
635		60.0	3	
645		90.0	None	
4020		5.0	8	
4040		3.0	8	
4050		7.0	None	
4060		8.5	1	

MANUFACTURER	COMPUTER TYPE	TYPICAL MONTHLY RENTAL \$ (000)	NUMBER OF COMPUTERS INSTALLED LEASED & PURCHASED	
Honeywell	110	2.5	2	
	120	4.0	145	
	125	5.0	9	
	200	8.5	208	
	400	8.5	14	
	800	28.0	10	
	1200	10.0	31	
	1250	12.0	2	
	1400	14.0	None	
	1800	50.0	3	
	2200	16.0	21	
	4200	21.0	None	
	8200	50.0	None	
IBM	1130	1.7	1227	
	1401	5.4	1836	
	1410	17.0	116	
	1440	4.1	1174	
	1460	9.6	63	
	1620	4.1	186	
	1800	5.0	148	
	7010	26.0	14	
	7040	25.0	27	
	7044	36.5	13	
	7070	27.0	7	
	7074	35.0	26	
	7080	60.0	2	
	7090	63.5	4	
	7094-I	75.0	2	
	7094-II	83.0	4	
	3620	2.8	3276	
	3625	5.3	4	
	3630	9.3	3144	
	3640	19.0	498	
	3644	15.0	13	
	3650	33.0	109	
	3665	70.0	31	
	3667	69.0	4	
	3675	81.5	3	
	3685	115.0	None	
	3690	150.0	None	
	NCR	304	14.0	1
		310	2.5	None
		315	8.7	142
315 RMC		12.0	17	
390		1.9	68	
500		1.5	324	
100		2.7	None	
200		7.5	None	
RCA		301	7.0	98
		501	18.0	1
	601	14.0	None	
	3301	35.0	1	
	70/15	4.1	34	
	70/25	6.7	18	
	70/35	8.0	20	
	70/45	23.0	21	
	70/46	33.5	None	
	70/55	33.5	1	
Scientific Data	92	1.5	2	
	910	2.0	7	
	920	2.9	3	
	925	3.0	1	
	930	3.4	14	
	940	14.0	None	
	9300	8.5	1	
	Sigma 2	1.8	9	
	Sigma 5	6.0	6	
Sigma 7	12.0	5		
Sperry Rand	III	21.0	6	
	418	11.0	36	
	490 Series	30.0	11	
	1004	1.9	628	
	1005	2.4	299	
	1050	8.5	62	
	1107	57.0	3	
	1108	68.0	18	
	9200	1.5	48	
	9300	3.4	38	
	9400	7.0	None	

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
Computers and Automation

The following is a summary made by Computers and Automation of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) — authoritative figures, derived essentially from information sent by the manufacturer directly to Computers and Automation
- C — figure is combined in a total
- (D) — acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E — figure estimated by Computers and Automation
- (N) — manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) — figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) — sale only, and sale (not rental) price is stated
- X — no longer in production
- — information not obtained at press time

SUMMARY AS OF AUGUST 15, 1969

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS		NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.		
Part I. United States Manufacturers							
Autonetics Anaheim, Calif. (R) (Jan. 1969)	RECOMP II RECOMP III	11/58 6/61	2.5 1.5	30 6	0 0	30 6	
Bailey Meter Co. Wickliffe, Ohio (R) (Jan. 1969)	Bailey 756 Bailey 855	2/65 4/68	60-400 (S) 100 (S)	17 0	- -	- 15	
Bunker-Ramo Corp. Canoga Park, Calif. (R) (Aug. 1969)	BR-130 BR-133 BR-230 BR-300 BR-330 BR-340	10/61 5/64 8/63 3/59 12/60 12/63	2.0 2.4 2.7 3.0 4.0 7.0	160 79 15 18 29 19	- - - - - -	- - - - - -	
Burroughs Detroit, Mich. (N) (Jan.-May 1969)	205 220 B100 B200 B300 B500 B2500 B3500 B5500 B6500 B7500 B8500	1/54 10/58 8/64 11/61 7/65 10/68 2/67 5/67 3/63 2/68 4/69 8/67	4.6 14.0 2.8 5.4 9.0 3.8 5.0 14.0 23.5 33.0 44.0 200.0	25-38 28-31 90 370-800 180-370 0 52-57 44 65-74 4 0 0 1	2 2 13 70 40 0 12 18 7 0 0 0	27-40 30-33 103 440-870 220-410 0 64-69 62 72-81 4 0 0 1	
Control Data Corp. Minneapolis, Minn. (N) (Feb.-Apr. 1969)	G15 G20 LGP-21 LGP-30 RPC4000 636/136/046 Series 160/8090 Series 924/924A 1604/A/B 1700 3100/3150 3200 3300 3400 3500 3600 3800 6400/6500 6600 6800 7600	7/55 4/61 12/62 9/56 1/61 - 5/60 8/61 1/60 5/66 5/64 5/64 9/65 11/64 8/68 6/63 2/66 8/64 8/64 6/67 12/68	1.6 15.5 0.7 1.3 1.9 - 2.1-14.0 11.0 45.0 3.8 10-16 13.0 20-28 18.0 25.0 52.0 53.0 58.0 115.0 130.0 235.0	- - - - - - - - - 65-130 68-90 40-45 38-100 12 1 30 18 23-50 32-40 1 1	- - - - - - 41-50 15-20 15 17-25 4 0 9 2 14-17 11 0 0 0	295 20 165 322 75 29 610 29 59 106-180 83-110 55-60 55-125 16 1 39 20 37-67 43-51 1 1	
Data General Corp. Boston, Mass. (A) (Aug. 1969)	NOVA	2/69	8.0 (S)	71	6	77	
Datacraft Corp. Ft. Lauderdale, Fla. (A) (Aug. 1969)	DC6024	5/69	30-200 (S)	1	0	1	
Digital Equipment Corp. Maynard, Mass. (A) (July 1969)	PDP-1 PDP-4 PDP-5 PDP-6 PDP-7 PDP-8 PDP-8/I PDP-8/S PDP-8/L PDP-9 PDP-9/L PDP-10	11/60 8/62 9/63 10/64 11/64 4/65 3/68 9/66 11/68 12/66 11/68 12/67	3.4 1.7 0.9 10.0 1.3 0.5 0.4 0.3 ? 1.1 ? 8.0	53 25 76 14 59 945 802 575 463 214 6 72	1 3 17 5 27 378 243 269 159 114 8 19	54 28 93 19 86 1323 1045 844 622 328 14 91	
						Total:	160 E
							800

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Digital Equipment Corp. (cont.)	PDP-12	6/69	?	10	2	12	C
	LINC-8	9/66	?	108	40	148	C
							Total: 1200 E
Digiac Corp. (formerly Digital Electronics Inc.), Plainview, N.Y. (A) (May 1969)	Digiac 3080	12/64	19.5 (S)	12	-	-	1
	Digiac 3080C	10/67	25.0 (S)	4	-	-	1
Electronic Associates Inc. Long Branch, N.J. (A) (May 1969)	640	4/67	1.2	50	-	-	20 E
	8400	7/65	12.0	21	-	-	5 E
EMR Computer Div. Minneapolis, Minn. (N) (May 1969)	ADVANCE 6020	4/65	5.4	C	-	-	C
	ADVANCE 6040	7/65	6.6	C	-	-	C
	ADVANCE 6050	2/66	9.0	C	-	-	C
	ADVANCE 6070	10/66	15.0	C	-	-	C
	ADVANCE 6130	8/67	5.0	C	-	-	C
	ADVANCE 6135	-	2.6	-	-	-	-
	ASI 210	4/62	3.9	C	-	-	X
ASI 2100	12/63	4.2	C	-	-	X	
				Total: 90 E	Total: 30 E		
General Electric Phoenix, Ariz. (N) (Feb.-Apr. 1969)	105A	6/69	1.3	-	-	-	-
	105B	6/69	1.4	-	0	-	-
	105RTS	7/69	1.2	-	-	-	-
	115	4/66	2.2	200-400	420-680	620-1080	-
	120	-	2.9	-	-	-	-
	130	12/68	4.5	0	0	0	-
	205	6/64	2.9	11	0	11	-
	210	7/60	16.0	35	0	35	-
	215	9/63	6.0	15	1	16	-
	225	4/61	8.0	145	15	160	-
	235	4/64	12.0	60-100	17	77-117	-
	245	11/68	13.0	-	-	-	-
	255 T/S	10/67	17.0	-	-	-	-
	265 T/S	10/65	20.0	-	-	-	-
	275 T/S	11/68	23.0	-	-	-	-
	405	2/68	6.8	10-40	5	15-45	-
	410 T/S	11/69	11.0	-	-	-	-
	415	5/64	7.3	170-300	70-100	240-400	-
	420 T/S	6/67	23.0	-	-	-	-
	425	6/64	9.6	50-100	20-30	70-130	-
	430 T/S	6/69	17.0	-	-	-	-
	435	9/65	14.0	20	6	26	-
	440 T/S	7/69	25.0	-	-	-	-
	615	3/68	30.0	-	-	-	-
	625	4/65	41.0	23	3	26	-
	635	5/65	45.0	20-40	3	23-43	-
	645	7/66	90.0	4	0	4	-
Process Control Computers: (A) (Aug 1969)	4020	2/67	5.0	112	35	147	55
	4040	8/64	3.0	45	20	65	-
	4050	12/66	7.0	22	1	23	-
	4060	6/65	8.5	18	2	20	-
Hewlett Packard Cupertino, Calif. (A) (Aug. 1969)	2114A	10/68	0.25	-	-	251	-
	2115A	11/67	0.41	-	-	530	-
	2116A	11/66	0.6	-	-	357	-
	2116B	9/68	0.65	-	-	628	-
Honeywell Computer Control Div. Framingham, Mass. (N) (Jan.-Apr. 1969)	DDP-24	5/63	2.65	-	-	90	X
	DDP-116	4/65	0.9	-	-	230	-
	DDP-124	3/66	2.2	-	-	70	-
	DDP-224	3/65	3.5	-	-	50	-
	DDP-516	9/66	0.8	-	-	280	-
	H632	-	3.2	-	-	2	-
Honeywell EDP Division Wellesley Hills, Mass. (N) (Jan.-Apr. 1969)	H-110	8/68	2.5	10-20	2-5	12-25	0
	H-120	1/66	4.0	260-600	140-180	400-780	-
	H-125	12/67	5.0	20-90	10-15	30-105	-
	H-200	3/64	8.5	450-800	210-300	660-1100	-
	H-400	12/61	6.2	32-40	14-30	46-70	X
	H-800	12/60	28.0	42-50	10-12	52-62	X
	H-1200	2/66	10.0	65-190	31-50	76-240	-
	H-1250	7/68	12.0	2-15	2-5	4-20	-
	H-1400	1/64	14.0	6	1-2	7-8	X
	H-1800	1/64	50.0	8-12	3	11-15	X
	H-2200	1/66	16.0-26.0	32-100	21-25	53-125	-
	H-3200	2/70	18.0	0	0	0	-
	H-4200	8/68	21.0-26.0	1-2	0	1-2	-
	H-8200	12/68	50.0	1	0	1	-
IBM White Plains, N.Y. (N) (D) (Jan.-May 1969)	System/3	-	1.1	0	0	0	-
	305	12/57	3.6	40	15	55	-
	650	10/67	4.8	50	18	68	-
	1130	2/66	1.7	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 I, II	9/60	4.1	285	186	471	-
	1800	1/66	5.0	415	148	563	-
	7010	10/63	26.0	67	14	81	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	2	-
	7044	6/63	36.5	28	13	41	-
705	11/55	38.0	18	3	21	-	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
IBM (cont.)	7070, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-
	7080	8/61	60.0	13	2	15	-
	7090	11/59	63.5	4	2	6	-
	7094-I	9/62	75.0	10	4	14	-
	7094-II	4/64	83.0	6	4	10	-
	360/20	12/65	2.8	4690	3276	7966	-
	360/25	1/68	5.3	0	4	4	-
	360/30	5/65	9.3	5075	3144	8219	-
	360/40	4/65	19.0	1260	498	1758	-
	360/44	7/66	15.0	65	13	78	-
	360/50	8/65	33.0	480	109	589	-
	360/65	11/65	70.0	175	31	206	-
	360/67	10/66	138.0	9	4	13	-
	360/75	2/66	81.5	14	3	17	-
	360/85	-	115.0	0	0	0	-
360/90	11/67	150.0	5	0	5	-	
Interdata	Model 2	7/68	0.25	-	-	13	1
Oceanport, N.J.	Model 3	3/67	0.4	-	-	150	23
(A) (June 1969)	Model 4	8/68	0.6	-	-	55	36
NCR	304	1/60	14.0	15	2	17	X
Dayton, Ohio	310	5/61	2.5	8	0	8	X
(R)	315	5/62	8.7	460	400	860	-
(May 1969)	315 RMC	9/65	12.0	110	35	145	-
	390	5/61	1.9	240	500	740	-
	500	10/65	1.5	1800	950	2750	-
	Century 100	9/68	2.7	110	12	122	-
	Century 200	-	7.5	0	0	0	-
Pacific Data Systems Inc.	PDS 1020	2/64	0.7	145	-	-	10
Santa Ana, Calif.							
(N) (Jan. 1969)							
Philco	1000	6/63	7.0	16	-	-	X
Willow Grove, Pa.	2000-210, 211	10/58	40.0	16	-	-	X
(N) (Jan. 1969)	2000-212	1/63	52.0	12	-	-	X
Potter Instrument Co., Inc.	PC-9600	-	16.0 (S)	-	-	-	-
Plainview, N.Y.							
(A) (May 1969)							
RCA	301	2/61	7.0	140-290	100-130	240-420	-
Cherry Hill, N.J.	501	6/59	14.0-18.0	22-50	1	23-51	-
(N)	601	11/62	14.0-35.0	2	0	2	-
	3301	7/64	17.0-35.0	24-60	1-5	25-65	-
	Spectra 70/15	9/65	4.3	90-110	35-60	125-170	-
	Spectra 70/25	9/65	6.6	68-70	18-25	86-95	-
	Spectra 70/35	1/67	9.2	65-100	20-50	85-150	-
	Spectra 70/45	11/65	22.5	84-180	21-55	105-235	-
	Spectra 70/46	-	33.5	1	0	1	-
	Spectra 70/55	11/66	34.0	11	1	12	-
Raytheon	250	12/60	1.2	155	20	175	X
Santa Ana, Calif.	440	3/64	3.6	20	-	-	X
(A)	520	10/65	3.2	26	1	27	X
(Aug. 1969)	703	10/67	(S)	109	20	129	8
	706	5/69	(S)	4	1	5	23
Scientific Control Corp.	650	5/66	0.5	23	-	-	-
Dallas, Texas	655	10/66	1.9	84	-	-	-
(A)	660	10/65	2.0	40	-	-	-
(May 1969)	670	5/66	2.7	1	-	-	-
	4700	4/69	2.0	1	-	-	-
	6700	-	30.0	0	-	-	-
							Total:
							70 E
Scientific Data Systems, Inc.	SDS-92	4/65	1.5	10-60	2	12-62	-
El Segundo, Calif.	SDS-910	8/62	2.0	150-170	7-10	157-180	-
(N)	SDS-920	9/62	2.9	93-120	5-12	98-132	-
(Feb.-Apr. 1969)	SDS-925	12/64	3.0	20	1	21	-
	SDS-930	6/64	3.4	159	14	173	-
	SDS-940	4/66	14.0	28-35	0	28-35	-
	SDS-9300	11/64	8.5	21-25	1	22-26	-
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-
	Sigma 7	12/66	12.0	24-35	5-9	29-44	-
Standard Computer Corp.	IC 4000	12/68	9.0	6	-	6	8 E
Los Angeles, Calif.	IC 6000	5/67	16.0	9	-	9	-
(N) (Aug. 1969)	IC 7000	6/69	17.0	3	-	3	10 E
Systems Engineering Laboratories	810	9/65	1.1	24	-	-	X
Ft. Lauderdale, Fla.	810A	8/66	0.9	131	-	-	34 E
(A)	810B	9/68	1.2	20	-	-	18 E
(May 1969)	840	11/65	1.5	4	-	-	X
	840A	8/66	1.5	33	-	-	X
	840MP	1/68	2.0	15	-	-	20 E
UNIVAC (Div. of Sperry Rand)	I & II	3/51 + 11/57	25.0	23	-	-	X
New York, N.Y.	III	8/62	21.0	25	6	31	X
(R)	File Computers	8/56	15.0	13	-	-	X
(Jan.-May 1969)	Solid-State 80 I, II, 90, I, II, & Step	8/58	8.0	210	-	-	X
	418	6/63	11.0	76	36	112	20
	490 Series	12/61	30.0	75	11	86	35
	1004	2/63	1.9	1502	628	2130	20
	1005	4/66	2.4	637	299	936	90
	1050	9/63	8.5	138	62	200	10
	1100 Series (except 1107, 1108)	12/50	35.0	9	0	9	X
	1107	10/62	57.0	8	3	11	X
	1108	9/65	68.0	38	18	56	75
	9200	6/67	1.5	127	48	175	850
	9300	9/67	3.4	106	38	144	550

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
UNIVAC (cont.)	9400	5/69	7.0	3 E	0	3 E	60
	LARC	5/60	135.0	2	0	2	-
Varian Data Machines	620	11/65	0.9	-	-	75	0
Newport Beach, Calif.	620i	6/67	0.5	-	-	480	300
(A)	520i	10/68	-	-	-	20	175
(May 1969)							

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
International Computers, Ltd. (ICL) (cont.)	System 4-40	5/69	7-24	0	1	1	C	
	System 4-50	5/67	8-29	0	9	9	C	
	System 4-70	1/68	10-36	0	2	2	C	
	System 4-72	5/67	5-48	0	88	88	C	
	System 4-75	9/68	10-41	0	1	1	C	
							Total: 484	
Japanese Mfrs. (N) (May 1969)	Various models	-	-	-	-	2500 E	800 E	
Marconi Co., Ltd. Chelmsford, Essex, England (A) (Sept. 1969)	Myriad I	3/66	£36.0-£66.0 (S)	0	35	35	10	
	Myriad II	10/67	£22.0-£42.5 (S)	0	14	14	12	
Saab Aktiebolag Linköping, Sweden (A) (Sept. 1969)	D21	12/62	7.6	0	37	37	-	
	D22	5/68	13.4	0	12	12	13	
	D220	4/69	9.8	0	1	1	7	
Siemens Munich, Germany (A) (Sept. 1969)	301	11/68	0.75	-	-	5	C	
	302	9/67	1.3	-	-	18	C	
	303	4/65	2.0	-	-	68	C	
	304	5/68	2.8	-	-	31	C	
	305	11/67	4.5	-	-	33	C	
	306	-	6.5	-	-	-	C	
	2002	6/59	13.5	-	-	41	C	
	3003	12/63	13.0	-	-	37	C	
	4004S	-	4.0	-	-	-	C	
	4004/15/16	10/65	5.0	-	-	83	C	
	4004/25/26	1/66	8.3	-	-	32	C	
	4004/35	2/67	11.8	-	-	108	C	
	4004/45	7/66	19.8	-	-	99	C	
	4004/46	4/69	34.0	-	-	1	C	
4004/55	12/66	25.8	-	-	11	C		
							Total: 234	
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C	
	BESM 6	-	-	-	-	C	C	
	MINSK 2	-	-	-	-	C	C	
	MINSK 22	-	-	-	-	C	C	
	MIR	-	-	-	-	C	C	
	NAIR 1	-	-	-	-	C	C	
	ONEGA 1	-	-	-	-	C	C	
	ONEGA 2	-	-	-	-	C	C	
	URAL 11/14/16	-	-	-	-	C	C	
	and others	-	-	-	-	C	C	
							Total: 6000 E	Total: 2000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF OCTOBER 15, 1969

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part I. United States Manufacturers							
Autonetics	RECOMP II	11/58	2.5	30	0	30	X
Anaheim, Calif. (R) (1/69)	RECOMP III	6/61	1.5	6	0	6	X
Bailey Meter Co.	Bailey 756	2/65	60-400 (S)	17	-	-	3
Wickliffe, Ohio (R) (1/69)	Bailey 855	4/68	100.0 (S)	0	-	-	15
Bunker-Ramo Corp.	BR-130	10/61	2.0	160	-	-	X
Canoga Park, Calif. (A) (10/69)	BR-133	5/64	2.4	79	-	-	X
	BR-230	8/63	2.7	15	-	-	X
	BR-300	3/59	3.0	18	-	-	X
	BR-330	12/60	4.0	19	-	-	X
	BR-340	12/63	7.0	19	-	-	X
Burroughs	205	1/54	4.6	25-38	2	27-40	X
Detroit, Mich. (N) (1/69-5/69)	220	10/58	14.0	28-31	2	30-33	X
	B100	8/64	2.8	90	13	103	X
	B200	11/61	5.4	370-800	70	440-870	31
	B300	7/65	9.0	180-370	40	220-410	150
	B500	10/68	3.8	0	0	0	70
	B2500	2/67	5.0	52-57	12	64-69	117
	B3500	5/67	14.0	44	18	62	190
	B5500	3/63	23.5	65-74	7	72-81	8
	B6500	2/68	33.0	4	0	4	31
	B7500	4/69	44.0	0	0	0	13
	B8500	8/67	200.0	1	0	1	5
Control Data Corp.	G15	7/55	1.6	-	-	295	X
Minneapolis, Minn. (N) (2/69-4/69)	G20	4/61	15.5	-	-	20	X
	LGP-21	12/62	0.7	-	-	165	X
	LGP-30	9/56	1.3	-	-	322	X
	RPC4000	1/61	1.9	-	-	75	X
	636/136/046 Series	-	-	-	-	29	-
	160/8090 Series	5/60	2.1-14.0	-	-	610	X
	924/924A	8/61	11.0	-	-	29	X
	1604/A/B	1/60	45.0	-	-	59	X
	1700	5/66	3.8	65-130	41-50	106-180	C
	3100/3150	5/64	10-16	68-90	15-20	83-110	C
	3200	5/64	13.0	40-45	15	55-60	C
	3300	9/65	20-28	38-100	17-25	55-125	C
	3400	11/64	18.0	12	4	16	C
	3500	8/68	25.0	1	0	1	C
	3600	6/23	52.0	30	9	39	C
	3800	2/66	53.0	18	2	20	C
	6400/6500	8/64	58.0	23-50	14-17	37-67	C
	6600	8/64	115.0	32-40	11	43-51	C
	6800	6/67	130.0	1	0	1	C
	7600	12/68	235.0	1	0	1	C
							Total: 160 E
Data General Corp.	NOVA	2/69	8.0 (S)	71	6	77	800
Boston, Mass. (A) (8/69)							
Datacraft Corp.	DC6024	5/69	30-200 (S)	2	0	2	5
Ft. Lauderdale, Fla. (A) (10/69)							
Digiac Corp.	Digiac 3080	12/64	19.5 (S)	12	-	-	2
Plainview, N.Y. (A) (10/69)	Digiac 3080C	10/67	25.0 (S)	4	-	-	1
Digital Equipment Corp.	PDP-1	11/60	3.4	50	2	52	X
Maynard, Mass. (A) (9/69)	PDP-4	8/62	1.7	40	5	45	X
	PDP-5	9/63	0.9	90	10	100	X
	PDP-6	10/64	10.0	18	3	21	X
	PDP-7	11/64	1.3	124	36	160	X
	PDP-8	4/65	0.5	945	378	1323	C
	PDP-8/I	3/68	0.4	940	293	1233	C
	PDP-8/S	9/66	0.3	575	269	844	C
	PDP-8/L	11/68	-	561	204	765	C
	PDP-9	12/66	1.1	262	115	377	C
	PDP-9/L	11/68	-	6	8	14	C

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS		NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	
Digital Equipment Corp. (cont'd)	PDP-10	12/67	8.0	76	21	97
	PDP-12	6/69	-	20	4	24
	LINC-8	9/66	-	108	40	148
Electronic Associates Inc.	640	4/67	1.2	60	17	77
Long Branch, N.J. (A) (10/69)	8400	7/65	12.0	19	6	25
EMR Computer Minneapolis, Minn. (N) (10/69)	ADVANCE 6020	4/65	5.4	C	-	-
	ADVANCE 6040	7/65	6.6	C	-	-
	ADVANCE 6050	2/66	9.0	C	-	-
	ADVANCE 6070	10/66	15.0	C	-	-
	EMR 6130	8/67	5.0	C	-	-
	EMR 6135	-	2.6	-	-	-
				Total: 90 E		Total: 30 E
General Electric Phoenix, Ariz. (N) (2/69-4/69)	105A	6/69	1.3	-	-	-
	105B	6/69	1.4	-	-	-
	105RTS	7/69	1.2	-	-	-
	115	4/66	2.2	200-400	420-680	620-1080
	120	-	2.9	-	-	-
	130	12/68	4.5	-	-	-
	205	6/64	2.9	11	0	11
	210	7/60	16.0	35	0	35
	215	9/63	6.0	15	1	16
	225	4/61	8.0	145	15	160
	235	4/64	12.0	60-100	17	77-117
	245	11/68	13.0	-	-	-
	255 T/S	10/67	17.0	-	-	-
	265 T/S	10/65	20.0	-	-	-
	275 T/S	11/68	23.0	-	-	-
	405	2/68	6.8	10-40	5	15-45
	410 T/S	11/69	11.0	-	-	-
	415	5/64	7.3	170-300	70-100	240-400
	420 T/S	6/67	23.0	-	-	-
	425	6/64	9.6	50-100	20-30	70-130
	430 T/S	6/69	17.0	-	-	-
	435	9/65	14.0	20	6	26
	440 T/S	7/69	25.0	-	-	-
	615	3/68	30.0	-	-	-
	625	4/65	41.0	23	3	26
	635	5/65	45.0	20-40	3	23-43
	645	7/66	90.0	4	0	4
Process Control Computers: (A) (10/69)	4020	2/67	5.0	113	38	151
	4040	8/64	3.0	45	20	65
	4050	12/66	7.0	22	1	23
	4060	6/65	8.5	18	2	20
Hewlett Packard Cupertino, Calif. (A) (10/69)	2114A	10/68	0.25	-	-	360
	2115A	11/67	0.41	-	-	580
	2116A	11/66	0.6	-	-	359
	2116B	9/68	0.65	-	-	730
Honeywell Computer Control Div. Framingham, Mass. (R) (10/69)	DDP-24	5/63	2.65	-	-	90
	DDP-116	4/65	0.9	-	-	250
	DDP-124	3/66	2.2	-	-	90
	DDP-224	3/65	3.5	-	-	60
	DDP-316	-	-	-	-	-
	DDP-516	9/66	0.8	-	-	320
	H632	-	3.2	-	-	2
H1648	-	-	-	-	-	
Honeywell EDP Div. Wellesley Hills, Mass. (N) (1/69-4/69)	H-110	8/68	2.5	10-20	2-5	12-25
	H-120	1/66	4.0	260-600	140-180	400-780
	H-125	12/67	5.0	20-90	10-15	30-105
	H-200	3/64	8.5	450-800	210-300	660-1100
	H-400	12/61	6.2	32-40	14-30	46-70
	H-800	12/60	28.0	42-50	10-12	52-62
	H-1200	2/66	10.0	65-190	31-50	76-240
	H-1250	7/68	12.0	2-15	2-5	4-20
	H-1400	1/64	14.0	6	1-2	7-8
	H-1800	1/64	50.0	8-12	3	11-15
	H-2200	1/66	16.0-26.0	32-100	21-25	53-125
	H-3200	2/70	18.0	0	0	0
	H-4200	8/68	21.0-26.0	1-2	0	1-2
	H-8200	12/68	50.0	1	0	1
IBM White Plains, N.Y. (N) (D) (1/69-5/69)	System 3	-	1.1	0	0	0
	305	12/57	3.6	40	15	55
	650	10/67	4.8	50	18	68
	1130	2/66	1.5	2580	1227	3807
	1401	9/60	5.4	2210	1836	4046
	1401-G	5/64	2.3	420	450	870
	1401-H	6/67	1.3	180	140	320
	1410	11/61	17.0	156	116	272
	1440	4/63	4.1	1690	1174	2864
	1460	10/63	10.0	194	63	257
	1620 I, II	9/60	4.1	285	186	471
	1800	1/66	5.1	415	148	563
	7010	10/63	26.0	67	14	81
	7030	5/61	160.0	4	1	5
	704	12/55	32.0	12	1	13
	7040	6/63	25.0	35	27	2
	7044	6/63	36.5	28	13	41
	705	11/55	38.0	18	3	21
	7070, 2	3/60	27.0	10	3	13
	7074	3/60	35.0	44	26	70
	7080	8/61	60.0	13	2	15
7090	11/59	63.5	4	2	6	
7094-I	9/62	75.0	10	4	14	
7094-II	4/64	83.0	6	4	10	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
IBM (cont'd)	360/20	12/65	2.7	4690	3276	7966	-
	360/25	1/68	5.1	0	4	4	-
	360/30	5/65	10.3	5075	3144	8219	-
	360/40	4/65	19.0	1260	498	1758	-
	360/44	7/66	11.8	65	13	78	-
	360/50	8/65	29.1	480	109	589	-
	360/65	11/65	57.2	175	31	206	-
	360/67	10/66	133.8	9	4	13	-
	350/75	2/66	66.9	14	3	17	-
	360/85	-	150.3	0	0	0	-
	360/90	11/67	(S)	5	0	5	-
	360/195	-	232.0	-	-	-	-
	Interdata Oceanport, N.J. (A) (10/69)	Model 2	7/68	0.25	-	-	16
Model 3		3/67	0.4	-	-	163	52
Model 4		8/68	0.6	-	-	80	57
NCR Dayton, Ohio (R) (9/69)	304	1/60	14.0	15	2	17	X
	310	5/61	2.5	8	0	8	X
	315	5/62	8.7	460	400	860	-
	315 RMC	9/65	12.0	125	45	170	-
	390	5/61	1.9	240	500	740	-
	500	10/65	1.5	1700	950	2650	-
	Century 100	9/68	2.7	200	30	230	-
Century 200	6/69	7.5	10	0	10	-	
Pacific Data Systems Inc. Santa Ana, Calif. (N) (1/69)	PDS 1020	2/64	0.7	145	-	-	10
Philco Willow Grove, Pa. (N) (1/69)	1000	6/63	7.0	16	-	-	X
	2000-210, 211	10/58	40.0	16	-	-	X
	2000-212	1/63	52.0	12	-	-	X
Potter Instrument Co., Inc. Plainview, N.Y. (A) (10/69)	PC-9600	-	16.0 (S)	-	-	-	-
RCA Cherry Hill, N.J. (N) (5/69)	301	2/61	7.0	140-290	100-130	240-420	-
	501	6/59	14.0-18.0	22-50	1	23-51	-
	601	11/62	14.0-35.0	2	0	2	-
	3301	7/64	17.0-35.0	24-60	1-5	25-65	-
	Spectra 70/15	9/65	4.3	90-110	35-60	125-170	-
	Spectra 70/25	9/65	6.6	68-70	18-25	86-95	-
	Spectra 70/35	1/67	9.2	65-100	20-50	85-150	-
	Spectra 70/45	11/65	22.5	84-180	21-55	105-235	-
	Spectra 70/46	-	33.5	1	0	1	-
	Spectra 70/55	11/66	34.0	11	1	12	-
Raytheon Santa Ana, Calif. (A) (10/69)	250	12/60	1.2	155	20	175	X
	440	3/64	3.6	20	-	-	X
	520	10/65	3.2	26	1	27	X
	703	10/67	(S)	118	20	138	7
	706	5/69	(S)	8	2	10	25
Scientific Control Corp. Dallas, Tex. (A) (10/69)	650	5/66	0.5	23	0	23	0
	655	10/66	2.1	111	0	111	25
	660	10/65	2.1	27	0	27	12
	670	5/66	2.7	1	0	1	0
	4700	4/69	1.8	13	0	13	79
	6700	2/70	90.0	0	0	0	1
	DCT-132	5/69	0.7	23	0	23	509
DCT-32	11/69	0.3	0	0	0	3	
Scientific Data Systems (see Xerox Data Systems)							
Standard Computer Corp. Los Angeles, Calif. (N) (8/69)	IC 4000	12/68	9.0	6	0	6	8 E
	IC 6000	5/67	16.0	9	0	9	-
	IC 7000	6/69	17.0	3	0	3	10 E
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (6/69)	810	9/65	1.1	24	0	24	X
	810A	8/66	0.9	135	2	137	30
	810B	9/68	1.2	34	0	34	26
	840	11/65	1.5	4	0	4	X
	840A	8/66	1.5	33	0	33	4
	840MP	1/68	2.0	20	0	20	11
	UNIVAC (Div. of Sperry Rand) New York, N.Y. (R) (1/69-5/69)	I & II	3/51 & 11/57	25.0	23	-	-
III	8/62	21.0	25	6	31	X	
File Computers	8/56	15.0	13	-	-	X	
Solid-State 80 I, II, 90, I, II, & Step	8/58	8.0	210	-	-	X	
418	6/63	11.0	76	36	112	20 E	
490 Series	12/61	30.0	75	11	86	35 E	
1004	2/63	1.9	1502	628	2130	20 E	
1005	4/66	2.4	637	299	936	90 E	
1050	9/63	8.5	138	.62	200	10 E	
1100 Series (except 1107, 1108)	12/50	35.0	9	0	9	X	
1107	10/62	57.0	8	3	11	X	
1108	9/65	68.0	38	18	56	75 E	
9200	6/67	1.5	127	48	175	850 E	
9300	9/67	3.4	106	38	144	550 E	
9400	5/69	7.0	3	0	3	60 E	
LARC	5/60	135.0	2	0	2	-	
Varian Data Machines Newport Beach, Calif. (A) (10/69)	620	11/65	0.9	-	-	75	0
	6201	6/67	0.5	-	-	750	350
	5201	10/68	-	-	-	60	230
Xerox Data Systems El Segundo, Calif. (N) (2/69-4/69)	SDS-92	4/65	1.5	10-60	2	12-62	-
	SDS-910	8/62	2.0	150-170	7-10	157-180	-
	SDS-920	9/62	2.9	93-120	5-12	98-132	-
	SDS-925	12/64	3.0	20	1	21	-
	SDS-930	6/64	3.4	159	14	173	-
	SDS-940	4/66	14.0	28-35	0	28-35	-
	SDS-9300	11/64	8.5	21-25	1	22-26	-
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-
	Sigma 7	12/66	12.0	24-35	5-9	29-44	-

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating; or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF NOVEMBER 15, 1969

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Part II. Manufacturers Outside United States								
A/S Norsk Data Elektronikk Oslo, Norway (A) (Nov. 1969)	NORD 1 NORD 2	8/68 8/69	2.0 4.0 (S)	0 0	20 2	20 2	10 3	
A/S Regnecentralen Copenhagen, Denmark (A) (Sept. 1969)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	38 4	38 4	2 5	
Elbit Computers Ltd. Haifa, Israel (A) (Nov. 1969)	Elbit-100	10/67	4.9 (S)	-	-	100	50	
CEC-AEI Automation Ltd. New Parks, Leicester, England (R) (Jan. 1969)	Series 90-2/10/20 25/30/40/300 S-Two 130 330 959 1010 1040 CON/PAC 4020 CON/PAC 4040 CON/PAC 4060	1/66 3/68 12/64 3/64 -/65 12/61 7/63 - 5/66 12/66	- - - - - - - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	13 1 2 9 1 8 1 0 9 5	X X X X X X X X - -	
International Computers, Ltd. (ICL) London, England (A) (Nov. 1969)	Atlas 1 & 2 Deuce KDF 6 - 10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 0.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 1233 151 105	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 1233 151 105	X X X X X X X X X X X X X X X C C C C	
Japanese Mfrs. (N) (May 1969)	Various models	-	-	-	-	4900 E	800 E	
Marconi Co., Ltd. Chelmsford, Essex, England (A) (Sept. 1969)	Myriad I Myriad II	3/66 10/67	£36.0-£66.0 (S) £22.0-£42.5 (S)	0 0	37 17	37 17	9 12	
Saab Aktiebolag Linköping, Sweden (A) (Sept. 1969)	D21 D22 D220	12/62 5/68 4/69	7.6 13.4 9.8	0 0 0	37 12 1	37 12 1	- 13 7	
Siemens Munich, Germany (A) (Sept. 1969)	301 302 303 304 305 306 2002 3003 4004S 4004/15/16 4004/25/26 4004/35	11/68 9/67 4/65 5/68 11/67 - 6/59 12/63 - 10/65 1/66 2/67	0.75 1.3 2.0 2.8 4.5 6.5 13.5 13.0 4.0 5.0 8.3 11.8	- - - - - - - - - - - -	- - - - - - - - - - - -	5 18 68 31 33 - 41 37 - 83 32 108	C C C C C C C C C C C C	
							Total:	534

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens (cont'd)	4004/45	7/66	19.8	-	-	99	C
	4004/46	4/69	34.0	-	-	1	C
	4004/55	12/66	25.8	-	-	11	C
						Total:	234
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C
	BESM 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIR	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	ONEGA 2	-	-	-	-	C	C
	URAL 11/14/16	-	-	-	-	C	C
	and others	-	-	-	-	C	C
						Total:	6000 E
						Total:	2000 F

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF DECEMBER 15, 1969

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part I. United States Manufacturers							
Autonetics	RECOMP II	11/58	2.5	30	0	30	X
Anaheim, Calif. (R) (1/69)	RECOMP III	6/61	1.5	6	0	6	X
Bailey Meter Co.	Bailey 756	2/65	60-400 (S)	17	-	-	3
Wickliffe, Ohio (R) (1/69)	Bailey 855	4/68	100.0 (S)	0	-	-	15
Bunker-Ramo Corp.	BR-130	10/61	2.0	160	-	-	X
Canoga Park, Calif. (A) (10/69)	BR-133	5/64	2.4	79	-	-	X
	BR-230	8/63	2.7	15	-	-	X
	BR-300	3/59	3.0	18	-	-	X
	BR-330	12/60	4.0	19	-	-	X
	BR-340	12/63	7.0	19	-	-	X
Burroughs	205	1/54	4.6	25-38	2	27-40	X
Detroit, Mich. (N) (1/69-5/69)	220	10/58	14.0	28-31	2	30-33	X
	B100	8/64	2.8	90	13	103	X
	B200	11/61	5.4	370-800	70	440-870	31
	B300	7/65	9.0	180-370	40	220-410	150
	B500	10/68	3.8	0	0	0	70
	B2500	2/67	5.0	52-57	12	64-69	117
	B3500	5/67	14.0	44	18	62	190
	B5500	3/63	23.5	65-74	7	72-81	8
	B6500	2/68	33.0	4	0	4	60
	B7500	4/69	44.0	0	0	0	13
	B8500	8/67	200.0	1	0	1	5
Control Data Corp.	G15	7/55	1.6	-	-	295	X
Minneapolis, Minn. (N) (2/69-4/69)	G20	4/61	15.5	-	-	20	X
	LGP-21	12/62	0.7	-	-	165	X
	LGP-30	9/56	1.3	-	-	322	X
	RPC4000	1/61	1.9	-	-	75	X
	636/136/046 Series	-	-	-	-	29	-
	160/8090 Series	5/60	2.1-14.0	-	-	610	X
	924/924A	8/61	11.0	-	-	29	X
	1604/A/B	1/60	45.0	-	-	59	X
	1700	5/66	3.8	65-130	41-50	106-180	C
	3100/3150	5/64	10-16	68-90	15-20	83-110	C
	3200	5/64	13.0	40-45	15	55-60	C
	3300	9/65	20-28	38-100	17-25	55-125	C
	3400	11/64	18.0	12	4	16	C
	3500	8/68	25.0	1	0	1	C
	3600	6/23	52.0	30	9	39	C
	3800	2/66	53.0	18	2	20	C
	6400/6500	8/64	58.0	23-50	14-17	37-67	C
	6600	8/64	115.0	32-40	11	43-51	C
	6800	6/67	130.0	1	0	1	C
	7600	12/68	235.0	1	0	1	C
Total:							160 E
Data General Corp.	NOVA	2/69	8.0 (S)	130	6	136	800
Southboro, Mass. (A) (12/69)	SUPERNOVA	4/70	11.7 (S)	0	0	0	0
Datacraft Corp.	DC6024	5/69	54-200 (S)	3	0	3	5
Ft. Lauderdale, Fla. (A) (12/69)	DC6024/3	-	38-200 (S)	0	0	0	0
Digiac Corp.	Digiac 3080	12/64	19.5 (S)	12	-	-	2
Plainview, N.Y. (A) (10/69)	Digiac 3080C	10/67	25.0 (S)	4	-	-	1
Digital Equipment Corp.	PDP-1	11/60	3.4	50	2	52	X
Maynard, Mass. (A) (9/69)	PDP-4	8/62	1.7	40	5	45	X
	PDP-5	9/63	0.9	90	10	100	X
	PDP-6	10/64	10.0	18	3	21	X
	PDP-7	11/64	1.3	124	36	160	X
	PDP-8	4/65	0.5	945	378	1323	C
	PDP-8/I	3/68	0.4	940	293	1233	C
	PDP-8/S	9/66	0.3	575	269	844	C
	PDP-8/L	11/68	-	561	204	765	C
	PDP-9	12/66	1.1	262	115	377	C
	PDP-9/L	11/68	-	6	8	14	C

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Digital Equipment Corp. (cont'd.)	PDP-10	12/67	8.0	76	21	97	C
	PDP-12	6/69	-	20	4	24	C
	LINC-8	9/66	-	108	40	148	C
							Total:
							1200 E
Electronic Associates Inc. Long Branch, N.J. (A) (10/69)	640	4/67	1.2	65	20	85	10
	8400	7/65	12.0	19	6	25	2
EMR Computer Minneapolis, Minn. (N) (10/69)	ADVANCE 6020	4/65	5.4	C	-	-	C
	ADVANCE 6040	7/65	6.6	C	-	-	C
	ADVANCE 6050	2/66	9.0	C	-	-	C
	ADVANCE 6070	10/66	15.0	C	-	-	C
	EMR 6130	8/67	5.0	C	-	-	C
EMR 6135	-	2.6	-	-	-	-	-
							Total:
							90 E
General Electric Phoenix, Ariz. (N) (2/69-4/69)	105A	6/69	1.3	-	-	-	-
	105B	6/69	1.4	-	-	-	-
	105RTS	7/69	1.2	-	-	-	-
	115	4/66	2.2	200-400	420-680	620-1080	-
	120	-	2.9	-	-	-	-
	130	12/68	4.5	-	-	-	-
	205	6/64	2.9	11	0	11	-
	210	7/60	16.0	35	0	35	-
	215	9/63	6.0	15	1	16	-
	225	4/61	8.0	145	15	160	-
	235	4/64	12.0	60-100	17	77-117	-
	245	11/68	13.0	-	-	-	-
	255 T/S	10/67	17.0	-	-	-	-
	265 T/S	10/65	20.0	-	-	-	-
	275 T/S	11/68	23.0	-	-	-	-
	405	2/68	6.8	10-40	5	15-45	-
	410 T/S	11/69	11.0	-	-	-	-
	415	5/64	7.3	170-300	70-100	240-400	-
	420 T/S	6/67	23.0	-	-	-	-
	425	6/64	9.6	50-100	20-30	70-130	-
	430 T/S	6/69	17.0	-	-	-	-
	435	9/65	14.0	20	6	26	-
	440 T/S	7/69	25.0	-	-	-	-
	615	3/68	30.0	-	-	-	-
	625	4/65	41.0	23	3	26	-
	635	5/65	45.0	20-40	3	23-43	-
655	-	80.0	-	-	-	-	
Process Control Computers: (A) (10/69)	4020	2/67	5.0	113	38	151	53
	4040	8/64	3.0	45	20	65	-
	4050	12/66	7.0	22	1	23	-
	4060	6/65	8.5	18	2	20	-
Hewlett Packard Cupertino, Calif. (A) (10/69)	2114A	10/68	0.25	-	-	510	-
	2115A	11/67	0.41	-	-	650	-
	2116A	11/66	0.6	-	-	361	-
	2116B	9/68	0.65	-	-	860	-
Honeywell Computer Control Div. Framingham, Mass. (R) (10/69)	DDP-24	5/63	2.65	-	-	90	X
	DDP-116	4/65	0.9	-	-	250	-
	DDP-124	3/66	2.2	-	-	90	-
	DDP-224	3/65	3.5	-	-	60	-
	DDP-316	-	-	-	-	-	-
	DDP-516	9/66	0.8	-	-	320	-
H632	-	3.2	-	-	2	-	
H1648	-	-	-	-	-	-	
Honeywell EDP Div. Wellesley Hills, Mass. (N) (1/69-4/69)	H-110	8/68	2.5	100	2-5	102-105	0
	H-120	1/66	4.2	750	140-180	890-930	-
	H-125	12/67	6.0	70	10-15	80-85	-
	H-200	3/64	9.2	800	210-300	1010-1100	-
	H-400	12/61	10.0	46	14-30	60-76	X
	H-800	12/60	30.0	58	10-12	68-70	X
	H-1200	2/66	11.6	190	31-50	221-240	-
	H-1250	7/68	12.0	110	2-5	114-130	-
	H-1400	1/64	14.0	4	1-2	4-6	X
	H-1800	1/64	50.0	15	3	18	X
	H-2200	1/66	16.0-26.0	118	21-25	139-143	-
	H-3200	2/70	24.0	0	0	0	-
	H-4200	8/68	32.5	6	0	6	-
H-8200	12/68	50.0	5	0	5	-	
IBM White Plains, N.Y. (N) (D) (1/69-5/69)	System 3	-	1.1	0	0	0	-
	305	12/57	3.6	40	15	55	-
	650	10/67	4.8	50	18	68	-
	1130	2/66	1.5	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 I, II	9/60	4.1	285	186	471	-
	1800	1/66	5.1	415	148	563	-
	7010	10/63	26.0	67	14	81	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	2	-
	7044	6/63	36.5	28	13	41	-
	705	11/55	38.0	18	3	21	-
	7070, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-
	7080	8/61	60.0	13	2	15	-
	7090	11/59	63.5	4	2	6	-
	7094-I	9/62	75.0	10	4	14	-
7094-II	4/64	83.0	6	4	10	-	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
IBM (cont'd)	360/20	12/65	2.7	4690	3276	7966	-
	360/25	1/68	5.1	0	4	4	-
	360/30	5/65	10.3	5075	3144	8219	-
	360/40	4/65	19.0	1260	498	1758	-
	360/44	7/66	11.8	65	13	78	-
	360/50	8/65	29.1	480	109	589	-
	360/65	11/65	57.2	175	31	206	-
	360/67	10/66	133.8	9	4	13	-
	360/75	2/66	66.9	14	3	17	-
	360/85	-	150.3	0	0	0	-
	360/90	11/67	(S)	5	0	5	-
360/195	-	232.0	-	-	-	-	
Interdata	Model 2	7/68	0.25	-	-	16	2
Oceanport, N.J.	Model 3	3/67	0.4	-	-	163	52
(A) (10/69)	Model 4	8/68	0.6	-	-	80	57
NCR	304	1/60	14.0	15	2	17	X
Dayton, Ohio	310	5/61	2.5	8	0	8	X
(R)	315	5/62	8.7	460	400	860	-
(9/69)	315 RMC	9/65	12.0	125	45	170	-
	390	5/61	1.9	240	500	740	-
	500	10/65	1.5	1700	950	2650	-
	Century 100	9/68	2.7	200	30	230	-
	Century 200	6/69	7.5	10	0	10	-
Pacific Data Systems Inc.	PDS 1020	2/64	0.7	145	-	-	10
Santa Ana, Calif. (N) (1/69)							
Philco	1000	6/63	7.0	16	-	-	X
Willow Grove, Pa.	2000-210, 211	10/58	40.0	16	-	-	X
(N) (1/69)	2000-212	1/63	52.0	12	-	-	X
Potter Instrument Co., Inc.	PC-9600	-	16.0 (S)	-	-	-	-
Plainview, N.Y. (A) (10/69)							
RCA	301	2/61	7.0	140-290	100-130	240-420	-
Cherry Hill, N.J.	501	6/59	14.0-18.0	22-50	1	23-51	-
(N)	601	11/62	14.0-35.0	2	0	2	-
(5/69)	3301	7/64	17.0-35.0	24-60	1-5	25-65	-
	Spectra 70/15	9/65	4.3	90-110	35-60	125-170	-
	Spectra 70/25	9/65	6.6	68-70	18-25	86-95	-
	Spectra 70/35	1/67	9.2	65-100	20-50	85-150	-
	Spectra 70/45	11/65	22.5	84-180	21-55	105-235	-
	Spectra 70/46	-	33.5	1	0	1	-
	Spectra 70/55	11/66	34.0	11	1	12	-
Raytheon	250	12/60	1.2	155	20	175	X
Santa Ana, Calif.	440	3/64	3.6	20	-	20	X
(A)	520	10/65	3.2	26	1	27	X
(10/69)	703	10/67	(S)	128	20	148	10
	706	5/69	(S)	13	3	15	19
Scientific Control Corp.	650	5/66	0.5	23	0	23	0
Dallas, Tex.	655	10/66	2.1	111	0	111	25
(A)	660	10/65	2.1	27	0	27	12
(10/69)	670	5/66	2.7	1	0	1	0
	4700	4/69	1.8	13	0	13	79
	6700	2/70	90.0	0	0	0	1
	DCT-132	5/69	0.7	23	0	23	509
	DCT-32	11/69	0.3	0	0	0	3
Standard Computer Corp.	IC 4000	12/68	9.0	6	0	6	8 E
Los Angeles, Calif.	IC 6000	5/67	16.0	9	0	9	-
(N) (8/69)	IC 7000	6/69	17.0	3	0	3	10 E
Systems Engineering Laboratories	810	9/65	1.1	24	0	24	X
Ft. Lauderdale, Fla.	810A	8/66	0.9	135	2	137	30
(A)	810B	9/68	1.2	34	0	34	26
(6/69)	840	11/65	1.5	4	0	4	X
	840A	8/66	1.5	33	0	33	4
	840MP	1/68	2.0	20	0	20	11
UNIVAC (Div. of Sperry Rand)	I & II	3/51 & 11/57	25.0	23	-	-	X
New York, N.Y.	III	8/62	21.0	25	6	31	X
(R)	File Computers	8/56	15.0	13	-	-	X
(1/69-5/69)	Solid-State 80 I, II, 90, I, II, & Step	8/58	8.0	210	-	-	X
	418	6/63	11.0	76	36	112	20 E
	490 Series	12/61	30.0	75	11	86	35 E
	1004	2/63	1.9	1502	628	2130	20 E
	1005	4/66	2.4	637	299	936	90 E
	1050	9/63	8.5	138	62	200	10 E
	1100 Series (except 1107, 1108)	12/50	35.0	9	0	9	X
	1107	10/62	57.0	8	3	11	X
	1108	9/65	68.0	38	18	56	75 E
	9200	6/67	1.5	127	48	175	850 E
	9300	9/67	3.4	106	38	144	550 E
	9400	5/69	7.0	3	0	3	60 E
	LARC	5/60	135.0	2	0	2	-
Varian Data Machines	620	11/65	0.9	-	-	75	0
Newport Beach, Calif.	620i	6/67	0.5	-	-	840	350
(A) (10/69)	520i	10/68	-	-	-	70	230
Xerox Data Systems	SDS-92	4/65	1.5	10-60	2	12-62	-
El Segundo, Calif.	SDS-910	8/62	2.0	150-170	7-10	157-180	-
(N)	SDS-920	9/62	2.9	93-120	5-12	98-132	-
(2/69-4/69)	SDS-925	12/64	3.0	20	1	21	-
	SDS-930	6/64	3.4	159	14	173	-
	SDS-940	4/66	14.0	28-35	0	28-35	-
	SDS-9300	11/64	8.5	21-25	1	22-26	-
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-
	Sigma 7	12/66	12.0	24-35	5-9	29-44	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens (cont'd)	4004/45	7/66	19.8	-	-	130	C
	4004/46	4/69	34.0	-	-	3	C
	4004/55	12/66	25.8	-	-	14	C
							Total: 224
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C
	BESM 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIR	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	ONEGA 2	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C
							Total: 6000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF FEBRUARY 15, 1970

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$ (000))	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part I. United States Manufacturers							
Autonetics	RECOMP II	11/58	2.5	30	0	30	X
Anaheim, Calif. (R) (1/69)	RECOMP III	6/61	1.5	6	0	6	X
Bailey Meter Co.	Bailey 756	2/65	60-400 (S)	17	-	-	3
Wickliffe, Ohio (R) (1/69)	Bailey 855	4/68	100.0 (S)	0	-	-	15
Bunker-Ramo Corp.	BR-130	10/61	2.0	160	-	-	X
Canoga Park, Calif. (A) (10/69)	BR-133	5/64	2.4	79	-	-	X
	BR-230	8/63	2.7	15	-	-	X
	BR-300	3/59	3.0	18	-	-	X
	BR-330	12/60	4.0	19	-	-	X
	BR-340	12/63	7.0	19	-	-	X
Burroughs	205	1/54	4.6	25-38	2	27-40	X
Detroit, Mich. (N) (1/69-5/69)	220	10/58	14.0	28-31	2	30-33	X
	B100	8/64	2.8	90	13	103	X
	B200	11/61	5.4	370-800	70	440-870	31
	B300	7/65	9.0	180-370	40	220-410	150
	B500	10/68	3.8	0	0	0	70
	B2500	2/67	5.0	52-57	12	64-69	117
	B3500	5/67	14.0	44	18	62	190
	B5500	3/63	23.5	65-74	7	72-81	8
	B6500	2/68	33.0	4	0	4	60
	B7500	4/69	44.0	0	0	0	13
	B8500	8/67	200.0	1	0	1	5
Control Data Corp.	G15	7/55	1.6	-	-	295	X
Minneapolis, Minn. (N) (2/69-4/69)	G20	4/61	15.5	-	-	20	X
	LGP-21	12/62	0.7	-	-	165	X
	LGP-30	9/56	1.3	-	-	322	X
	RPC4000	1/61	1.9	-	-	75	X
	636/136/046 Series	-	-	-	-	29	-
	160/8090 Series	5/60	2.1-14.0	-	-	610	X
	924/924A	8/61	11.0	-	-	29	X
	1604/A/B	1/60	45.0	-	-	59	X
	1700	5/66	3.8	65-130	41-50	106-180	C
	3100/3150	5/64	10-16	68-90	15-20	83-110	C
	3200	5/64	13.0	40-45	15	55-60	C
	3300	9/65	20-28	38-100	17-25	55-125	C
	3400	11/64	18.0	12	4	16	C
	3500	3/68	25.0	1	0	1	C
	3600	6/23	52.0	30	9	39	C
	3800	2/66	53.0	18	2	20	C
	6400/6500	8/64	58.0	23-50	14-17	37-67	C
	6600	8/64	115.0	32-40	11	43-51	C
	6800	6/67	130.0	1	0	1	C
	7600	12/68	235.0	1	0	1	C
						Total:	160 E
Data General Corp.	NOVA	2/69	8.0 (S)	130	6	136	800
Southboro, Mass. (A) (12/69)	SUPERNOVA	4/70	11.7 (S)	0	0	0	0
Datcraft Corp.	DC6024	5/69	54-200 (S)	6	0	6	5
Ft. Lauderdale, Fla. (A) (2/70)	DC6024/3	-	33-200 (S)	0	0	0	67
Digiac Corp.	Digiac 3080	12/64	19.5 (S)	14	-	-	2
Plainview, N.Y. (A) (2/70)	Digiac 3080C	10/67	25.0 (S)	5	-	-	1
Digital Equipment Corp.	PDP-1	11/60	3.4	50	2	52	X
Maynard, Mass. (A) (2/70)	PDP-4	8/62	1.7	40	5	45	X
	PDP-5	9/63	0.9	90	10	100	X
	PDP-6	10/64	10.0	C	C	23	X
	PDP-7	11/64	1.3	C	C	160	X
	PDP-8	4/65	0.5	C	C	1440	C
	PDP-8/1	3/68	0.4	C	C	2145	C
	PDP-8/S	9/66	0.3	C	C	1017	C
	PDP-8/L	11/68	-	C	C	2050	C
	PDP-9	12/66	1.1	C	C	415	C
	PDP-9/L	11/68	-	C	C	36	C
	PDP-10	12/67	8.0	C	C	123	C

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Digital Equipment Corp. (Cont'd.)	PDP-12	6/69	-	C	C	233	C
	PDP-15	2/16	17.0	C	C	1	C
	LINC-8	9/66	-	C	C	142	C
							Total:
							1350 E
Electronic Associates Inc.	640	4/67	1.2	70	25	95	15
Long Branch, N.J. (A) (2/70)	8400	7/65	12.0	19	6	25	2
EMR Computer	ADVANCE 6020	4/65	5.4	C	-	-	C
Minneapolis, Minn. (N) (10/69)	ADVANCE 6040	7/65	6.6	C	-	-	C
	ADVANCE 6050	2/66	9.0	C	-	-	C
	ADVANCE 6070	10/66	15.0	C	-	-	C
	EHR 6130	8/67	5.0	C	-	-	C
	EMR 6135	-	2.6	-	-	-	-
				Total:			Total:
				90 E			30 E
General Electric	105A	6/69	1.3	-	-	-	-
Phoenix, Ariz. (N) (2/70)	105B	6/69	1.4	-	-	-	-
	105RTS	7/69	1.2	-	-	-	-
	115	4/66	2.2	200-400	420-680	620-1080	-
	120	3/69	2.9	-	-	-	-
	130	12/68	4.5	-	-	-	-
	205	6/64	2.9	11	0	11	-
	210	7/60	16.0	35	0	35	-
	215	9/63	6.0	15	1	16	-
	225	4/61	8.0	145	15	160	-
	235	4/64	12.0	60-100	17	77-117	-
	245	11/68	13.0	-	-	-	-
	255 T/S	10/67	17.0	-	-	-	-
	265 T/S	10/65	20.0	-	-	-	-
	275 T/S	11/68	23.0	-	-	-	-
	405	2/68	6.8	10-40	5	15-45	-
	410 T/S	11/69	11.0	-	-	-	-
	415	5/64	7.3	170-300	70-100	240-400	-
	420 T/S	6/67	23.0	-	-	-	-
	425	6/64	9.6	50-100	20-30	70-130	-
	430 T/S	6/69	17.0	-	-	-	-
	435	9/65	14.0	20	6	26	-
	440 T/S	7/69	25.0	-	-	-	-
	615	3/68	30.0	-	-	-	-
	625	4/65	41.0	23	3	26	-
	635	5/65	45.0	20-40	3	23-43	-
	655	-	80.0	-	-	-	-
Process Control Computers:	4020	2/67	5.0	113	38	151	53
(A) (10/69)	4040	8/64	3.0	45	20	65	-
	4050	12/66	7.0	22	1	23	-
	4060	6/65	8.5	18	2	20	-
Hewlett Packard	2114A	10/68	0.25	-	-	684	-
Cupertino, Calif. (A) (2/70)	2115A	11/67	0.41	-	-	650	-
	2116A	11/66	0.6	-	-	361	-
	2116B	9/68	0.65	-	-	972	-
Honeywell	DDP-24	5/63	2.65	-	-	90	X
Computer Control Div. Framingham, Mass. (A) (2/70)	DDP-116	4/65	0.9	-	-	250	-
	DDP-124	3/66	2.2	-	-	90	-
	DDP-224	3/65	3.5	-	-	60	-
	DDP-316	6/69	0.6	-	-	150	-
	DDP-516	9/66	1.2	-	-	500	-
	H632	12/68	3.2	-	-	3	-
	H1648	11/68	12.0	-	-	10	-
Honeywell	H-110	8/68	2.5	150	60	210	0
EDP Div. Wellesley Hills, Mass. (A) (2/70)	H-120	1/66	4.2	800	100	900	-
	H-125	12/67	6.0	70	160	230	-
	H-200	3/64	9.2	800	275	1075	-
	H-400	12/61	10.0	46	40	86	-
	H-800	12/60	30.0	58	10-12	70	X
	H-1200	2/66	11.6	225	90	315	-
	H-1250	7/68	12.0	130	40	170	-
	H-1400	1/64	14.0	4	6	10	X
	H-1800	1/64	50.0	15	3	18	X
	H-2200	1/66	16.0-26.0	125	55	180	-
	H-3200	2/70	24.0	0	0	0	-
	H-4200	8/68	32.5	15	2	17	-
	H-8200	12/68	50.0	8	3	11	-
IBM	System 3	-	1.1	0	0	0	-
White Plains, N.Y. (N) (D) (1/69-5/69)	305	12/57	3.6	40	15	55	-
	650	10/67	4.8	50	18	68	-
	1130	2/66	1.5	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 I, II	9/60	4.1	285	186	471	-
	1800	1/66	5.1	415	148	563	-
	7010	10/63	26.0	67	14	81	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	2	-
	7044	6/63	36.5	28	13	41	-
	705	11/55	38.0	18	3	21	-
	7070, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-
	7080	8/61	60.0	13	2	15	-
	7090	11/59	63.5	4	2	6	-
	7094-I	9/62	75.0	10	4	14	-
	7094-II	4/64	83.0	6	4	10	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
IBM (Cont'd.)	360/20	12/65	2.7	4690	3276	7966	-
	360/25	1/68	5.1	0	4	4	-
	360/30	5/65	10.3	5075	3144	8219	-
	360/40	4/65	19.3	1260	498	1758	-
	360/44	7/66	11.8	65	13	78	-
	360/50	8/65	29.1	480	109	589	-
	360/65	11/65	57.2	175	31	206	-
	360/67	10/66	133.8	9	4	13	-
	360/75	2/66	66.9	14	3	17	-
	360/85	-	150.3	0	0	0	-
	360/90	11/67	(S)	5	0	5	-
360/195	-	232.0	-	-	-	-	
Interdata	Model 2	7/68	0.25	-	-	16	2
Oceanport, N.J. (A) (10/69)	Model 3	3/67	0.4	-	-	163	52
	Model 4	8/68	0.6	-	-	80	57
NCR Dayton, Ohio (R) (2/70)	304	1/60	14.0	15	2	17	X
	310	5/61	2.5	8	0	8	X
	315	5/62	8.7	460	400	860	-
	315 RMC	9/65	12.0	125	45	170	-
	390	5/61	1.9	240	500	740	-
	500	10/65	1.5	1700	950	2650	-
	Century 100	9/68	2.7	550	150	700	-
Century 200	6/69	7.5	100	50	150	-	
Pacific Data Systems Inc. Santa Ana, Calif. (N) (1/69)	PDS 1020	2/64	0.7	145	-	-	10
Philco Willow Grove, Pa. (N) (1/69)	1000	6/63	7.0	16	-	-	X
	2000-210, 211	10/58	40.0	16	-	-	X
	2000-212	1/63	52.0	12	-	-	X
Potter Instrument Co., Inc. Plainview, N.Y. (A) (10/69)	PC-9600	-	16.0 (S)	-	-	-	-
RCA Cherry Hill, N.J. (N) (5/69)	301	2/61	7.0	140-290	100-130	240-420	-
	501	6/59	14.0-18.0	22-50	1	23-51	-
	601	11/62	14.0-35.0	2	0	2	-
	3301	7/64	17.0-35.0	24-60	1-5	25-65	-
	Spectra 70/15	9/65	4.3	90-110	35-60	125-170	-
	Spectra 70/25	9/65	6.6	68-70	18-25	86-95	-
	Spectra 70/35	1/67	9.2	65-100	20-50	85-150	-
	Spectra 70/45	11/65	22.5	84-180	21-55	105-235	-
	Spectra 70/46	-	33.5	1	0	1	-
	Spectra 70/55	11/66	34.0	11	1	12	-
	Raytheon Santa Ana, Calif. (A) (2/70)	250	12/60	1.2	155	20	175
440		3/64	3.6	20	-	20	X
520		10/65	3.2	26	1	27	X
703		10/67	(S)	135	20	155	11
704		3/70	(S)	0	0	0	3
706		5/69	(S)	15	3	18	15
Scientific Control Corp. Dallas, Tex. (A) (10/69)	650	5/66	0.5	23	0	23	0
	655	10/66	2.1	111	0	111	25
	660	10/65	2.1	27	0	27	12
	670	5/66	2.7	1	0	1	0
	4700	4/69	1.8	13	0	13	79
	6700	2/70	90.0	0	0	0	1
	DCT-132	5/69	0.7	23	0	23	509
	DCT-32	11/69	0.3	0	0	0	3
Standard Computer Corp. Los Angeles, Calif. (N) (8/69)	IC 4000	12/68	9.0	6	0	6	8 E
	IC 6000	5/67	16.0	9	0	9	-
	IC 7000	6/69	17.0	3	0	3	10 E
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (2/70)	810	9/65	1.1	24	0	24	X
	810A	8/66	0.9	158	4	162	48
	810B	9/68	1.2	58	1	59	17
	840	11/65	1.5	3	0	3	X
	840A	8/66	1.5	36	2	38	X
	840MP	1/68	2.0	26	0	26	5
	Systems 86	-	10.0	0	0	0	2
UNIVAC (Div. of Sperry Rand) New York, N.Y. (R) (1/69-5/69)	I & II	3/51 & 11/57	25.0	23	-	-	X
	111	8/62	21.0	25	6	31	X
	File Computers	8/56	15.0	13	-	-	X
	Solid-State 80 I, II, 90, I, II, & Step	8/58	8.0	210	-	-	X
	418	6/63	11.0	76	36	112	20 E
	490 Series	12/61	30.0	75	11	86	35 E
	1004	2/63	1.9	1502	628	2130	20 E
	1005	4/66	2.4	637	299	936	90 E
	1050	9/63	8.5	138	62	200	10 E
	1100 Series (except 1107, 1108)	12/50	35.0	9	0	9	X
	1107	10/62	57.0	8	3	11	X
	1108	9/65	68.0	38	18	56	75 E
	9200	6/67	1.5	127	48	175	850 E
	9300	9/67	3.4	106	38	144	550 E
	9400	5/69	7.0	3	0	3	60 E
	LARC	5/60	135.0	2	0	2	-
	Varian Data Machines Newport Beach, Calif. (A) (2/70)	620	11/65	0.9	-	-	75
620i		6/67	0.5	-	-	900	380
R-620i		4/69	-	-	-	20	25
520i		10/68	-	-	-	100	320
Xerox Data Systems El Segundo, Calif. (N) (2/69-4/69)	SDS-92	4/65	1.5	10-60	2	12-62	-
	SDS-910	8/62	2.0	150-170	7-10	157-180	-
	SDS-920	9/62	2.9	93-120	5-12	98-132	-
	SDS-925	12/64	3.0	20	1	21	-
	SDS-930	6/64	3.4	159	14	173	-
	SDS-940	4/66	14.0	28-35	0	28-35	-
	SDS-9300	11/64	8.5	21-25	1	22-26	-
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-
	Sigma 7	12/66	12.0	24-35	5-9	29-44	-

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF APRIL 15, 1970

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part I, United States Manufacturers							
Autonetics	RECOMP 11	11/58	2.5	30	0	30	X
Anaheim, Calif. (R) (1/69)	RECOMP 111	6/61	1.5	6	0	6	X
Bailey Meter Co.	Bailey 750	6/60	40-250 (S)	32	3	35	0
Wickliffe, Ohio (R) (4/70)	Bailey 756	2/65	60-400 (S)	13	5	18	1
	Bailey 855	4/68	100-1000 (S)	5	0	5	20
Bunker-Ramo Corp.	BR-130	10/61	2.0	160	-	-	X
Canoga Park, Calif.	BR-133	5/64	2.4	79	-	-	X
(A)	BR-230	8/63	2.7	15	-	-	X
(10/69)	BR-300	3/59	3.0	18	-	-	X
	BR-330	12/60	4.0	19	-	-	X
	BR-340	12/63	7.0	19	-	-	X
Burroughs	205	1/54	4.6	25-38	2	27-40	X
Detroit, Mich.	220	10/58	14.0	28-31	2	30-33	X
(N)	B100	8/64	2.8	90	13	103	X
(1/69-5/69)	B200	11/61	5.4	370-800	70	440-870	31
	B300	7/65	9.0	180-370	40	220-410	150
	B500	10/68	3.8	0	0	0	70
	B2500	2/67	5.0	52-57	12	64-69	117
	B3500	5/67	14.0	44	18	62	190
	B5500	3/63	23.5	65-74	7	72-81	8
	B6500	2/68	33.0	4	0	4	60
	B7500	4/69	44.0	0	0	0	13
	B8500	8/67	200.0	1	0	1	5
Control Data Corp.	G15	7/55	1.6	-	-	295	X
Minneapolis, Minn.	G20	4/61	15.5	-	-	20	X
(N)	LGP-21	12/62	0.7	-	-	165	X
(2/69-4/69)	LGP-30	9/56	1.3	-	-	322	X
	RPC4000	1/61	1.9	-	-	75	X
	636/136/046 Series	-	-	-	-	29	-
	160/8090 Series	5/60	2.1-14.0	-	-	610	X
	924/924A	8/61	11.0	-	-	29	X
	1604/A/B	1/60	45.0	-	-	59	X
	1700	5/66	3.8	65-130	41-50	106-180	C
	3100/3150	5/64	10-16	68-90	15-20	83-110	C
	3200	5/64	13.0	40-45	15	55-60	C
	3300	9/65	20-28	38-100	17-25	55-125	C
	3400	11/64	18.0	12	4	16	C
	3500	8/68	25.0	1	0	1	C
	3600	6/23	52.0	30	9	39	C
	3800	2/66	53.0	18	2	20	C
	6400/6500	8/64	58.0	23-50	14-17	37-67	C
	6600	8/64	115.0	32-40	11	43-51	C
	6800	6/67	130.0	1	0	1	C
	7600	12/68	235.0	1	0	1	C
							Total:
							160 E
Data General Corp.	NOVA	2/69	8.0 (S)	130	6	136	800
Southboro, Mass. (A) (4/70)	SUPERNOVA	4/70	11.7 (S)	0	0	0	0
Datacraft Corp.	DC6024	5/69	54-200 (S)	7	0	7	5
Ft. Lauderdale, Fla. (A) (2/70)	DC6024/3	2/70	33-200 (S)	3	0	3	64
Digiac Corp.	Digiac 3080	12/64	19.5 (S)	14	-	-	2
Plainview, N.Y. (A) (2/70)	Digiac 3080C	10/67	25.0 (S)	5	-	-	1
Digital Equipment Corp.	PDP-1	11/60	3.4	50	2	52	X
Maynard, Mass.	PDP-4	8/62	1.7	40	5	45	X
(A)	PDP-5	9/63	0.9	90	10	100	X
(4/70)	PDP-6	10/64	10.0	C	C	23	X
	PDP-7	11/64	1.3	C	C	160	X
	PDP-8	4/65	0.5	C	C	1450	C
	PDP-8/1	3/68	0.4	C	C	2157	C
	PDP-8/S	9/66	0.3	C	C	1020	C
	PDP-8/L	11/68	-	C	C	2350	C
	PDP-9	12/66	1.1	C	C	425	C
	PDP-9L	11/68	-	C	C	41	C
	PDP-10	12/67	8.0	C	C	144	C
	PDP-12	9/69	-	C	C	275	C
	PDP-15	2/16	17.0	6	C	15	C
	LINC-8	9/66	-	C	C	142	C
							Total:
							1350E

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Electronic Associates Inc. Long Branch, N.J. (A) (2/70)	640	4/67	1.2	75	30	105	15	
	8400	7/65	12.0	19	6	25	2	
	ADVANCE 6020	4/65	5.4	C	-	-	C	
	ADVANCE 6040	7/65	6.6	C	-	-	C	
	ADVANCE 6050	2/66	9.0	C	-	-	C	
	ADVANCE 6070	10/66	15.0	C	-	-	C	
	EMR 6120	-	0.8	-	-	-	-	
EMR 6130	8/67	5.0	C	-	-	C		
EMR 6135	-	2.6	-	-	-	-		
				Total:			Total:	
				90 E			30 E	
General Electric Phoenix, Ariz. (N) (2/70)	105A	6/69	1.3	-	-	-	-	
	105B	6/69	1.4	-	-	-	-	
	105RTS	7/69	1.2	-	-	-	-	
	115	4/66	2.2	200-400	420-680	620-1080	-	
	120	3/69	2.9	-	-	-	-	
	130	12/68	4.5	-	-	-	-	
	205	6/64	2.9	11	0	11	-	
	210	7/60	16.0	35	0	35	-	
	215	9/63	6.0	15	1	16	-	
	225	4/61	8.0	145	15	160	-	
	235	4/64	12.0	60-100	17	77-117	-	
	245	11/68	13.0	-	-	-	-	
	255 T/S	10/67	17.0	-	-	-	-	
	265 T/S	10/65	20.0	-	-	-	-	
	275 T/S	11/68	23.0	-	-	-	-	
	405	2/68	6.8	10-40	5	15-45	-	
	410 T/S	11/69	11.0	-	-	-	-	
	415	5/64	7.3	170-300	70-100	240-400	-	
	420 T/S	6/67	23.0	-	-	-	-	
	425	6/64	9.6	50-100	20-30	70-130	-	
	430 T/S	6/69	17.0	-	-	-	-	
	435	9/65	14.0	20	6	26	-	
	440 T/S	7/69	25.0	-	-	-	-	
	615	3/68	32.0	-	-	-	-	
	625	4/65	43.0	23	3	26	-	
	635	5/65	47.0	20-40	3	23-43	-	
	655	-	80.0	-	-	-	-	
	Process Control Computers: (A) (4/70)	4020	2/67	5.0	142	43	185	70
		4040	8/64	3.0	45	20	65	-
4050		12/66	7.0	22	1	23	1	
4060		6/65	8.5	18	2	20	-	
2114A		10/68	0.25	-	-	812	-	
Hewlett Packard Cupertino, Calif. (A) (4/70)	2115A	11/67	0.41	-	-	661	-	
	2116A	11/66	0.6	-	-	367	-	
	2116B	9/68	0.65	-	-	1051	-	
	DDP-24	5/63	2.65	-	-	90	X	
Honeywell Computer Control Div. Framingham, Mass. (A) (4/70)	DDP-116	4/65	0.9	-	-	250	-	
	DDP-124	3/66	2.2	-	-	110	-	
	DDP-224	3/65	3.5	-	-	60	-	
	DDP-316	6/63	0.6	-	-	150	-	
	DDP-416	-	-	-	-	225	-	
	DDP-516	9/66	1.2	-	-	550	-	
	H632	12/68	3.2	-	-	10	-	
H1648	11/68	12.0	-	-	12	-		
Honeywell EDP Div. Wellesley Hills, Mass. (A) (4/70)	H-110	8/68	2.5	150	60	210	0	
	H-120	1/66	4.2	800	150	900	-	
	H-125	12/67	6.0	75	175	230	-	
	H-200	3/64	9.2	800	275	1075	-	
	H-400	12/61	10.0	46	40	86	X	
	H-800	12/60	30.0	58	10-12	70	X	
	H-1200	2/66	11.6	230	90	315	-	
	H-1250	7/68	12.0	130	40	170	-	
	H-1400	1/64	14.0	4	6	10	X	
	H-1800	1/64	50.0	15	3	18	X	
	H-2200	1/66	16.0-26.0	125	55	180	-	
	H-3200	2/70	24.0	0	0	0	-	
	H-4200	8/68	32.5	15	2	17	-	
	H-8200	12/68	50.0	8	3	11	-	
	IBM White Plains, N.Y. (N) (D) (1/69-5/69)	System 3	1/70	1.1	0	0	-	-
305		12/57	3.6	40	15	55	-	
650		10/67	4.8	50	18	68	-	
1130		2/66	1.5	2580	1227	3807	-	
1401		9/60	5.4	2210	1836	4046	-	
1401-G		5/64	2.3	420	450	870	-	
1401-H		6/67	1.3	180	140	320	-	
1410		11/61	17.0	156	116	272	-	
1440		4/63	4.1	1690	1174	2864	-	
1460		10/63	10.0	194	63	257	-	
1620 I, II		9/60	4.1	285	186	471	-	
1800		1/66	5.1	415	148	563	-	
7010		10/63	26.0	67	14	81	-	
7030		5/61	160.0	-	1	5	-	
704		12/55	32.0	12	1	13	-	
7040		6/63	25.0	35	27	2	-	
7044		6/63	36.5	28	13	41	-	
705		11/55	38.0	18	3	21	-	
7070, 2		3/60	27.0	10	3	13	-	
7074		3/60	35.0	44	26	70	-	
7080		8/61	60.0	13	2	15	-	
7090		11/59	63.5	4	2	6	-	
7094-1		9/62	75.0	10	4	14	-	
7094-11		4/64	83.0	6	4	10	-	
360/20		12/65	2.7	4690	3276	7966	-	
360/25		1/68	5.1	0	4	4	-	
360/30		5/65	10.3	5075	3144	8219	-	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
TBH (Cont'd.)	360/40	4/65	19.3	1260	498	1758	-	
	360/44	7/66	11.8	65	13	78	-	
	360/50	8/65	29.1	480	109	589	-	
	360/65	11/65	57.2	175	31	206	-	
	360/67	10/66	133.8	9	4	13	-	
	360/75	2/66	66.9	14	3	17	-	
	360/85	-	150.3	0	0	0	-	
	360/90	11/67	(S)	5	0	5	-	
360/195	-	232.0	-	-	-	-		
Interdata	Model 2	7/68	0.25	-	-	18	0	
Oceanport, N.J. (A) (4/70)	Model 3	3/67	0.4	-	-	213	74	
	Model 4	8/68	0.6	-	-	147	87	
NCR	304	1/60	14.0	15	2	17	X	
Dayton, Ohio (R) (2/70)	310	5/61	2.5	8	0	8	X	
	315	5/62	8.7	460	400	860	-	
	315 RMC	9/65	12.0	125	45	170	-	
	390	5/61	1.9	240	500	740	-	
	500	10/65	1.5	1700	950	2650	-	
	Century 100	9/68	2.7	550	150	700	-	
	Century 200	6/69	7.5	100	50	150	-	
Pacific Data Systems Inc. Santa Ana, Calif. (N) (1/69)	PDS 1020	Computer manufacturing operation terminated						
Philco Willow Grove, Pa. (N) (1/69)	1000	6/63	7.0	16	-	-	X	
	2000-210, 211	10/58	40.0	16	-	-	X	
	2000-212	1/63	52.0	12	-	-	X	
Potter Instrument Co., Inc. Plainview, N.Y. (A) (10/69)	PC-9600	Product obsolete						
RCA Cherry Hill, N.J. (N) (5/69)	301	2/61	7.0	140-290	100-130	240-420	-	
	501	6/59	14.0-18.0	22-50	1	23-51	-	
	601	11/62	14.0-35.0	2	0	2	-	
	3301	7/64	17.0-35.0	24-60	1-5	25-65	-	
	Spectra 70/15	9/65	4.3	90-110	35-60	125-170	-	
	Spectra 70/25	9/65	6.6	68-70	18-25	86-95	-	
	Spectra 70/35	1/67	9.2	65-100	20-50	85-150	-	
	Spectra 70/45	11/65	22.5	84-180	21-55	105-235	-	
	Spectra 70/46	-	33.5	1	0	1	-	
	Spectra 70/55	11/66	34.0	11	1	12	-	
Raytheon Santa Ana, Calif. (A) (4/70)	250	12/60	1.2	155	20	175	X	
	440	3/64	3.6	20	-	20	X	
	520	10/65	3.2	26	1	27	X	
	703	10/67	(S)	145	20	175	8	
	704	3/70	(S)	1	0	1	8	
	706	5/69	(S)	27	3	30	13	
Scientific Control Corp. Dallas, Tex. (A) (10/69)	650	5/66	0.5	23	0	23	0	
	655	10/66	2.1	111	0	111	25	
	660	10/65	2.1	27	0	27	12	
	670	5/66	2.7	1	0	1	0	
	4700	4/69	1.8	13	0	13	79	
	6700	2/70	90.0	0	0	0	1	
	DCT-132	5/69	0.7	23	0	23	509	
	DCT-32	11/69	0.3	0	0	0	3	
Standard Computer Corp. Los Angeles, Calif. (N) (8/69)	IC 4000	12/68	9.0	6	0	6	8 E	
	IC 6000	5/67	16.0	9	0	9	-	
	IC 7000	6/69	17.0	3	0	3	10 E	
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (2/70)	810	9/65	1.1	24	0	24	X	
	810A	8/66	0.9	158	4	162	48	
	810B	9/68	1.2	58	1	59	17	
	840	11/65	1.5	3	0	3	X	
	840A	8/66	1.5	36	2	38	X	
	840MP	1/68	2.0	26	0	26	5	
	Systems 86	-	10.0	0	0	0	2	
UNIVAC (Div. of Sperry Rand) New York, N.Y. (R) (1/69-5/69)	1 & 11	3/51 & 11/57	25.0	23	-	-	X	
	111	8/62	21.0	25	6	31	X	
	File Computers	8/56	15.0	13	-	-	X	
	Solid-State 80 I, II, 90, I, II, & Step	8/58	8.0	210	-	-	X	
	418	6/63	11.0	76	36	112	20 E	
	490 Series	12/61	30.0	75	11	86	35 E	
	1004	2/63	1.9	1502	628	2130	20 E	
	1005	4/66	2.4	637	299	936	90 E	
	1050	9/63	8.5	138	62	200	10 E	
	1100 Series (except 1107, 1108)	12/50	35.0	9	0	9	X	
	1107	10/62	57.0	8	3	11	X	
	1108	9/65	68.0	38	18	56	75 E	
	9200	6/67	1.5	127	48	175	850 E	
	9300	9/67	3.4	106	38	144	550 E	
9400	5/69	7.0	3	0	3	60 E		
LARC	5/60	135.0	2	0	2	-		
Varian Data Machines Newport Beach, Calif. (A) (4/70)	620	11/65	0.9	-	-	75	0	
	620i	6/67	0.5	-	-	1200	400	
	R-620i	4/69	-	-	-	25	30	
	520i	10/68	-	-	-	110	330	
Xerox Data Systems El Segundo, Calif. (N) (4/70)	SDS-92	4/65	1.5	10-60	2	12-62	-	
	SDS-910	8/62	2.0	150-170	7-10	157-180	-	
	SDS-920	9/62	2.9	93-120	5-12	98-132	-	
	SDS-925	12/64	3.0	20	1	21	-	
	SDS-930	6/64	3.4	159	14	173	-	
	SDS-940	4/66	14.0	28-35	0	28-35	-	
	SDS-9300	11/64	8.5	21-25	1	22-26	-	
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-	
	Sigma 3	12/69	2.0	10	0	10	-	
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-	
	Sigma 7	12/66	12.0	24-35	5-9	29-44	-	

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF MAY 15, 1970

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part II. Manufacturers Outside United States							
A/S Norsk Data Elektronikk Oslo, Norway (A) (Jan. 1970)	NORD 1 NORD 2	8/68 8/69	2.0 4.0 (S)	0 0	20 2	20 2	10 3
A/S Regnecentralen Copenhagen, Denmark (A) (Jan. 1970)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	39 8	39 8	1 6
Elbit Computers Ltd. Haifa, Israel (A) (Jan. 1970)	Elbit-100	10/67	4.9 (S)	-	-	120	75
GEC-AEI Automation Ltd. New Parks, Leicester, England (R) (Jan. 1969)	Series 90-2/10/20 25/30/40/300 S-Two 130 330 959 1010 1040 CON/PAC 4020 CON/PAC 4040 CON/PAC 4060	1/66 3/68 12/64 3/64 -/65 12/61 7/63 - 5/66 12/66	- - - - - - - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	13 1 2 9 1 8 1 0 9 5	X X X X X X X X - - -
International Computers, Ltd. (ICL) London, England (A) (March 1970)	Atlas 1 & 2 Deuce KDF 6 - 10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 0.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 1233 151 105	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 1289 142 115	X X
Japanese Mfrs. (N) (March 1970)-	Various models	-	-	-	-	4136 E	800 E
Marconi Co., Ltd. Chelmsford, Essex, England (A) (Jan. 1970)	Myriad I Myriad II	3/66 10/67	£36.0-£66.0 (S) £22.0-£42.5 (S)	0 0	37 17	37 17	9 12
Saah Aktiebolag Linköping, Sweden (A) (Jan. 1970)	D21 D22 D220	12/62 5/68 4/69	7.6 13.4 9.8	0 0 0	37 15 1	37 15 1	- 10 10
Siemens Munich, Germany (A) (March 1970)	301 302 303 304 305 306 2002 3003 4004S 4004/15/16 4004/25/26 4004/35	11/68 9/67 4/65 5/68 11/67 - 6/59 12/63 - 10/65 1/66 2/67	0.75 1.3 2.0 2.8 4.5 6.5 13.5 13.0 4.0 5.0 8.3 11.8	- - - - - - - - - - - -	- - - - - - - - - - - -	20 24 69 43 51 - 41 38 1 89 34 147	C C C C C C C C C C C C

Total:
564

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens (cont'd)	4004/45	7/66	19.8	-	-	130	C
	4004/46	4/69	34.0	-	-	3	C
	4004/55	12/66	25.8	-	-	14	C
						Total:	230
USSR (N) (May 1969)	BESH 4	-	-	-	-	C	C
	BESH 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIR	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	ONEGA 2	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C
							Total:
						6000 E	2000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF JUNE 15, 1970

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	World		
Part I. United States Manufacturers								
Autonetics	RECOMP 11	11/58	2.5	30	0	30	X	
Anaheim, Calif. (R) (1/69)	RECOMP 111	6/61	1.5	6	0	6	X	
Bailey Meter Co.	Bailey 750	6/60	40-250 (S)	32	3	35	0	
Wickliffe, Ohio (R) (6/70)	Bailey 756	2/65	60-400 (S)	13	5	18	1	
	Bailey 855	4/68	100-1000 (S)	5	0	5	20	
Bunker-Ramo Corp.	BR-130	10/61	2.0	160	-	-	X	
Canoga Park, Calif. (A) (10/69)	BR-133	5/64	2.4	79	-	-	X	
	BR-230	8/63	2.7	15	-	-	X	
	BR-300	3/59	3.0	18	-	-	X	
	BR-330	12/60	4.0	19	-	-	X	
	BR-340	12/63	7.0	19	-	-	X	
Burroughs	205	1/54	4.6	25-38	2	27-40	X	
Detroit, Mich. (N) (1/69-5/69)	220	10/58	14.0	28-31	2	30-33	X	
	B100	8/64	2.8	90	13	103	X	
	B200	11/61	5.4	370-800	70	440-870	31	
	B300	7/65	9.0	180-370	40	220-410	150	
	B500	10/68	3.8	0	0	0	70	
	B2500	2/67	5.0	52-57	12	64-69	117	
	B3500	5/67	14.0	44	18	62	190	
	B5500	3/63	23.5	65-74	7	72-81	8	
	B6500	2/68	33.0	4	0	4	60	
	B7500	4/69	44.0	0	0	0	13	
	B8500	8/67	200.0	1	0	1	5	
Control Data Corp.	G15	7/55	1.6	-	-	295	X	
Minneapolis, Minn. (N) (2/69-4/69)	G20	4/61	15.5	-	-	20	X	
	LGP-21	12/62	0.7	-	-	165	X	
	LGP-30	9/56	1.3	-	-	322	X	
	RPC4000	1/61	1.9	-	-	75	X	
	636/136/046 Series	-	-	-	-	29	-	
	160/8090 Series	5/60	2.1-14.0	-	-	610	X	
	924/924A	8/61	11.0	-	-	29	X	
	1604/A/B	1/60	45.0	-	-	59	X	
	1700	5/66	3.8	65-130	41-50	106-180	C	
	3100/3150	5/64	10-16	68-90	15-20	83-110	C	
	3200	5/64	13.0	40-45	15	55-60	C	
	3300	9/65	20-28	38-100	17-25	55-125	C	
	3400	11/64	18.0	12	4	16	C	
	3500	8/68	25.0	1	0	1	C	
	3600	6/23	52.0	30	9	39	C	
	3800	2/66	53.0	18	2	20	C	
	6400/6500	8/64	58.0	23-50	14-17	37-67	C	
	6600	8/64	115.0	32-40	11	43-51	C	
	6800	6/67	130.0	1	0	1	C	
	7600	12/68	235.0	1	0	1	C	
							Total:	160 E
Data General Corp.	NOVA	2/69	8.0 (S)	445	58	503	1200	
Southboro, Mass. (A) (6/70)	SUPERNOVA	5/70	11.7 (S)	8	1	9	100	
Datacraft Corp.	DC6024	5/69	54-200 (S)	7	0	7	5	
Ft. Lauderdale, Fla. (A) (6/70)	DC6024/3	2/70	33-200 (S)	3	0	3	64	
Digiac Corp.	Digiac 3080	12/64	19.5 (S)	14	-	-	2	
Plainview, N.Y. (A) (2/70)	Digiac 3080C	10/67	25.0 (S)	5	-	-	1	
Digital Equipment Corp.	PDP-1	11/60	3.4	50	2	52	X	
Maynard, Mass. (A) (6/70)	PDP-4	8/62	1.7	40	5	45	X	
	PDP-5	9/63	0.9	90	10	100	X	
	PDP-6	10/64	10.0	C	C	23	X	
	PDP-7	11/64	1.3	C	C	160	X	
	PDP-8	4/65	0.5	C	C	1450	C	
	PDP-8/1	3/68	0.4	C	C	2157	C	
	PDP-8/S	9/66	0.3	C	C	1020	C	
	PDP-8/L	11/68	-	C	C	2350	C	
	PDP-9	12/66	1.1	C	C	425	C	
	PDP-9L	11/68	-	C	C	41	C	
	PDP-10	12/67	8.0	C	C	144	C	
	PDP-11	3/70	10.5 (S)	C	C	27	C	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Digital Equipment Corp. (Cont'd.)	PDP-12	9/69	-	C	C	275	C
	PDP-15	2/16	17.0	6	C	15	C
	LINC-8	9/66	-	C	C	142	C
							Total: 1350 E
Electronic Associates Inc.	640	4/67	1.2	85	35	120	15
Long Branch, N.J. (A) (6/70)	8400	7/65	12.0	19	6	25	2
EMR Computer	EMR 6020	4/65	5.4	C	-	-	C
Minneapolis, Minn.	EMR 6040	7/65	6.6	C	-	-	C
(N)	EMR 6050	2/66	9.0	C	-	-	C
(6/70)	EMR 6070	10/66	15.0	C	-	-	C
	EMR 6120	-	0.8	-	-	-	-
	EMR 6130	8/67	5.0	C	-	-	C
	EMR 6135	-	2.6	-	-	-	-
							Total: 90 E
General Electric	105A	6/69	1.3	-	-	-	-
Phoenix, Ariz.	105B	6/69	1.4	-	-	-	-
(N)	105RTS	7/69	1.2	-	-	-	-
(6/70)	115	4/66	2.2	200-400	420-680	620-1080	-
	120	3/69	2.9	-	-	-	-
	130	12/68	4.5	-	-	-	-
	205	6/64	2.9	11	0	11	-
	210	7/60	16.0	35	0	35	-
	215	9/63	6.0	15	1	16	-
	225	4/61	8.0	145	15	160	-
	235	4/64	12.0	60-100	17	77-117	-
	245	11/68	13.0	-	-	-	-
	255 T/S	10/67	17.0	-	-	-	-
	265 T/S	10/65	20.0	-	-	-	-
	275 T/S	11/68	23.0	-	-	-	-
	405	2/68	6.8	10-40	5	15-45	-
	410 T/S	11/69	11.0	-	-	-	-
	415	5/64	7.3	170-300	70-100	240-400	-
	420 T/S	6/67	23.0	-	-	-	-
	425	6/64	9.6	50-100	20-30	70-130	-
	430 T/S	6/69	17.0	-	-	-	-
	435	9/65	14.0	20	6	26	-
	440 T/S	7/69	25.0	-	-	-	-
	615	3/68	32.0	-	-	-	-
	625	4/65	43.0	23	3	26	-
	635	5/65	47.0	20-40	3	23-43	-
	655	-	80.0	-	-	-	-
Process Control Computers:	4020	2/67	6.0	148	46	194	70
(A)	4040	8/64	3.0	45	20	65	-
(6/70)	4050	12/66	7.0	22	1	23	1
	4060	6/65	2.0	18	2	20	-
Hewlett Packard	2114A	10/68	0.25	-	-	843	-
Cupertino, Calif.	2115A	11/67	0.41	-	-	661	-
(A) (6/70)	2116A, 2116B	11/66	0.6	-	-	1102	-
Honeywell	DDP-24	5/63	2.65	-	-	90	X
Computer Control Div.	DDP-116	4/65	0.9	-	-	250	-
Framingham, Mass.	DDP-124	3/66	2.2	-	-	150	-
(R)	DDP-224	3/65	3.5	-	-	60	-
(6/70)	DDP-316	6/69	0.6	-	-	230	-
	DDP-416	-	-	-	-	225	-
	DDP-516	9/66	1.2	-	-	635	-
	H632	12/68	3.2	-	-	10	-
	H1648	11/68	12.0	-	-	12	-
Honeywell	H-110	8/68	2.7	150	70	220	0
EDP Div.	H-115	6/70	3.5	-	-	-	-
Wellesley Hills, Mass.	H-120	1/66	4.8	800	160	960	-
(A)	H-125	12/67	7.0	120	220	340	-
(6/70)	H-200	3/64	7.5	800	275	1075	-
	H-400	12/61	10.5	46	40	86	X
	H-800	12/60	30.0	58	15	73	X
	H-1200	2/66	9.8	230	90	325	-
	H-1250	7/68	12.0	130	45	175	-
	H-1400	1/64	14.0	4	6	10	X
	H-1800	1/64	50.0	15	5	20	X
	H-2200	1/66	18.0	125	55	180	-
	H-3200	2/70	24.0	0	0	0	-
	H-4200	8/68	32.5	15	2	17	-
	H-8200	12/68	50.0	8	3	11	-
IBM	System 3	1/70	1.1	0	0	-	-
White Plains, N.Y.	305	12/57	3.6	40	15	55	-
(N) (D)	650	10/67	4.8	50	18	68	-
(1/69-5/69)	1130	2/66	1.5	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 1, 11	9/60	4.1	285	186	471	-
	1800	1/66	5.1	415	148	563	-
	7010	10/63	26.0	67	14	81	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	2	-
	7044	6/63	36.5	28	13	41	-
	705	11/55	38.0	18	3	21	-
	7070, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
IBM (Cont'd.)	7080	8/61	60.0	13	2	15	-
	7090	11/59	63.5	4	2	6	-
	7094-1	9/62	75.0	10	4	14	-
	7094-11	4/64	83.0	6	4	10	-
	360/20	12/65	2.7	4690	3276	7966	-
	360/25	1/68	5.1	0	4	4	-
	360/30	5/65	10.3	5075	3144	8219	-
	360/40	4/65	19.3	1260	498	1758	-
	360/44	7/66	11.8	65	13	78	-
	360/50	8/65	29.1	480	109	589	-
	360/65	11/65	57.2	175	31	206	-
	360/67	10/66	133.8	9	4	13	-
	360/75	2/66	66.9	14	3	17	-
	360/85	-	150.3	0	0	0	-
	360/90	11/67	(S)	5	0	5	-
	360/195	-	232.0	-	-	-	-
Interdata	Model 2	7/68	0.25	-	-	18	0
Oceanport, N.J. (A) (6/70)	Model 3	3/67	0.4	-	-	223	77
	Model 4	8/68	0.6	-	-	154	98
NCR Dayton, Ohio (R) (2/70)	304	1/60	14.0	15	2	17	X
	310	5/61	2.5	8	0	8	X
	315	5/62	8.7	460	400	860	-
	315 RMC	9/65	12.0	125	45	170	-
	390	5/61	1.9	240	500	740	-
	500	10/65	1.5	1700	950	2650	-
	Century 100	9/68	2.7	550	150	800	-
Century 200	6/69	7.5	100	50	150	-	
Philco Willow Grove, Pa. (N) (1/69)	1000	6/63	7.0	16	-	-	X
	2000-210, 211	10/58	40.0	16	-	-	X
	2000-212	1/63	52.0	12	-	-	X
RCA Cherry Hill, N.J. (N) (5/69)	301	2/61	7.0	140-290	100-130	240-420	-
	501	6/59	14.0-18.0	22-50	1	23-51	-
	601	11/62	14.0-35.0	2	0	2	-
	3301	7/64	17.0-35.0	24-60	1-5	25-65	-
	Spectra 70/15	9/65	4.3	90-110	35-60	125-170	-
	Spectra 70/25	9/65	6.6	68-70	18-25	86-95	-
	Spectra 70/35	1/67	9.2	65-100	20-50	85-150	-
	Spectra 70/45	11/65	22.5	84-180	21-55	105-235	-
	Spectra 70/46	-	33.5	1	0	1	-
	Spectra 70/55	11/66	34.0	11	1	12	-
	Raytheon Santa Ana, Calif. (A) (6/70)	250	12/60	1.2	155	20	175
440		3/64	3.6	20	-	20	X
520		10/65	3.2	26	1	27	X
703		10/67	(S)	148	20	178	5
704		3/70	(S)	5	2	7	15
706		5/69	(S)	29	4	33	15
Scientific Control Corp. Dallas, Tex. (A) (6/70)	650	5/66	0.5	23	0	23	X
	655	10/66	2.1	137	0	137	0
	660	10/65	2.1	41	0	41	0
	670	5/66	2.7	1	0	1	X
	4700	4/69	1.8	16	0	16	1
	DCT-132	5/69	0.7	40	0	40	24
Standard Computer Corp. Los Angeles, Calif. (N) (6/70)	IC 4000	12/68	9.0	6	0	6	8 E
	IC 6000	5/67	16.0	9	0	9	-
	IC 7000	6/69	17.0	3	0	3	10 E
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (6/70)	810	9/65	1.1	24	0	24	X
	810A	8/66	0.9	211	5	216	32
	810B	9/68	1.2	75	1	76	26
	840	11/65	1.5	3	0	3	X
	840A	8/66	1.5	36	2	38	X
	840MP	1/68	2.0	31	0	31	2
	Systems 86	-	10.0	0	0	0	2
UNIVAC (Div. of Sperry Rand) New York, N.Y. (R) (1/69-5/69)	I & II	3/51 & 11/57	25.0	23	-	-	X
	111	8/62	21.0	25	6	31	X
	File Computers	8/56	15.0	13	-	-	X
	Solid-State 80 I, II, 90, I, II, & Step	8/58	8.0	210	-	-	X
	418	6/63	11.0	76	36	112	20 E
	490 Series	12/61	30.0	75	11	86	35 E
	1004	2/63	1.9	1502	628	2130	20 E
	1005	4/66	2.4	637	299	936	90 E
	1050	9/63	8.5	138	62	200	10 E
	1100 Series (except 1107, 1108)	12/50	35.0	9	0	9	X
	1107	10/62	57.0	8	3	11	X
	1108	9/65	68.0	38	18	56	75 E
	9200	6/67	1.5	127	48	175	850 E
	9300	9/67	3.4	106	38	144	550 E
	9400	5/69	7.0	3	0	3	60 E
LARC	5/60	135.0	2	0	2	-	
Varian Data Machines Newport Beach, Calif. (A) (6/70)	620	11/65	0.9	-	-	75	X
	620i	6/67	0.5	-	-	1200	400
	R-620i	4/69	-	-	-	30	30
	520i	10/68	0.4	-	-	110	330
	620/F	8/70	0.5	-	-	-	125
	520/DC	12/69	1.6	-	-	15	25
Xerox Data Systems El Segundo, Calif. (N) (4/70)	XDS-92	4/65	1.5	10-60	2	12-62	-
	XDS-910	8/62	2.0	150-170	7-10	157-180	-
	XDS-920	9/62	2.9	93-120	5-12	98-132	-
	XDS-925	12/64	3.0	20	1	21	-
	XDS-930	6/64	3.4	159	14	173	-
	XDS-940	4/66	14.0	28-35	0	28-35	-
	XDS-9300	11/64	8.5	21-25	1	22-26	-
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-
	Sigma 3	12/69	2.0	10	0	10	-
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-
Sigma 7	12/66	12.0	24-35	5-9	29-44	-	

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF MAY 15, 1970

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS		NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.		
Part II. Manufacturers Outside United States							
A/S Norsk Data Elektronikk Oslo, Norway (A) (Jan. 1970)	NORD 1 NORD 2	8/68 8/69	2.0 4.0 (S)	0 0	20 2	20 2	
A/S Regnecentralen Copenhagen, Denmark (A) (Jan. 1970)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	39 8	39 8	
Elbit Computers Ltd. Haifa, Israel (A) (Jan. 1970)	Elbit-100	10/67	4.9 (S)	-	-	120	
GEC-AEI Automation Ltd. New Parks, Leicester, England (R) (Jan. 1969)	Series 90-2/10/20 25/30/40/300 S-Two 130 330 959 1010 1040 CON/PAC 4020 CON/PAC 4040 CON/PAC 4060	1/66 3/68 12/64 3/64 -/65 12/61 7/63 - 5/66 12/66	- - - - - - - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	13 1 2 9 1 8 1 0 9 5	X X X X X X X X - -
International Computers, Ltd. (ICL) London, England (A) (March 1970)	Atlas 1 & 2 Deuce KDF 6 - 10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 0.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 1515 160 130	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 1515 160 130	X X X X X X X X X X X X X X X X X X X X
Japanese Mfrs. (N) (March 1970)-	Various models	-	-	-	-	4136 E	800 E
Marconi Co., Ltd. Chelmsford, Essex, England (A) (Jan. 1970)	Myriad I Myriad II	3/66 10/67	£36.0-£66.0 (S) £22.0-£42.5 (S)	0 0	37 17	37 17	9 12
Saah Aktiebolag Linköping, Sweden (A) (Jan. 1970)	D21 D22 D220	12/62 5/68 4/69	7.6 13.4 9.8	0 0 0	37 15 1	37 15 1	- 10 10
Siemens Munich, Germany (A) (March 1970)	301 302 303 304 305 306 2002 3003 4004s 4004/15/16 4004/25/26 4004/35	11/68 9/67 4/65 5/68 11/67 - 6/59 12/63 - 10/65 1/66 2/67	0.75 1.3 2.0 2.8 4.5 6.5 13.5 13.0 4.0 5.0 8.3 11.8	- - - - - - - - - - - -	- - - - - - - - - - - -	33 24 66 50 58 - 40 34 2 103 38 154	C C C C C C C C C C C C

Total:
525

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens (cont'd)	4004/45	7/66	19.8	-	-	167	C
	4004/46	4/69	34.0	-	-	6	C
	4004/55	12/66	25.8	-	-	14	C
						Total:	300
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C
	BESM 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIR	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	ONEGA 2	-	-	-	-	C	C
	URAL 11/14/16	-	-	-	-	C	C
	and others	-	-	-	-	C	C
						Total:	Total:
						6000 E	2000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF AUGUST 15, 1970

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part I. United States Manufacturers							
Autonetics	RECOMP II	11/58	2.5	30	0	30	X
Anaheim, Calif. (R) (1/69)	RECOMP III	6/61	1.5	6	0	6	X
Bailey Meter Co.	Bailey 750	6/60	40-250 (S)	32	3	35	0
Wickliffe, Ohio (R) (6/70)	Bailey 756	2/65	60-400 (S)	13	5	18	1
	Bailey 855	4/68	100-1000 (S)	5	0	5	20
Bunker-Ramo Corp.	BR-130	10/61	2.0	160	-	-	X
Canoga Park, Calif. (A) (10/69)	BR-133	5/64	2.4	79	-	-	X
	BR-230	8/63	2.7	15	-	-	X
	BR-300	3/59	3.0	18	-	-	X
	BR-330	12/60	4.0	19	-	-	X
	BR-340	12/63	7.0	19	-	-	X
Burroughs	205	1/54	4.6	25-38	2	27-40	X
Detroit, Mich. (N) (1/69-5/69)	220	10/58	14.0	28-31	2	30-33	X
	B100/B500	7/65	2.8-9.0	-	-	-	-
	B2500	2/67	5.0	52-57	12	64-69	117
	B3500	5/67	14.0	44	18	62	190
	B5500	3/63	23.5	65-74	7	72-81	8
	B6500	2/68	33.0	4	0	4	60
	B7500	4/69	44.0	0	0	0	13
	B8500	8/67	200.0	1	0	1	5
Control Data Corp.	G15	7/55	1.6	-	-	295	X
Minneapolis, Minn. (R) (9/70)	G20	4/61	15.5	-	-	20	X
	LGP-21	12/62	0.7	-	-	165	X
	LGP-30	9/56	1.3	-	-	322	X
	RPC4000	1/61	1.9	-	-	75	X
	636/136/046 Series	-	-	-	-	29	-
	160/8090 Series	5/60	2.1-14.0	-	-	610	X
	924/924A	8/61	11.0	-	-	29	X
	1604/A/B	1/60	45.0	-	-	59	X
	1700	5/66	3.8	-	-	106-180	C
	3100/3150	5/64	10-16	-	-	83-110	C
	3200	5/64	13.0	-	-	55-60	C
	3300	9/65	20-28	-	-	200	C
	3400	11/64	18.0	-	-	20	C
	3500	8/68	25.0	-	-	15	C
	3600	6/23	52.0	-	-	39	C
	3800	2/66	53.0	-	-	20	C
	6400/6500	8/64	58.0	-	-	85	C
	6600	8/64	115.0	-	-	85	C
	6800	6/67	130.0	-	-	1	C
	7600	12/68	235.0	-	-	1	C
							Total: 160 E
Data General Corp.	NOVA	2/69	8.0 (S)	-	-	650	-
Southboro, Mass. (A) (6/70)	SUPERNOVA	5/70	9.6 (S)	-	-	22	-
Datacraft Corp.	6024/1	5/69	54-200 (S)	9	0	9	4
Ft. Lauderdale, Fla. (A) (9/70)-	6024/3	2/70	33-200 (S)	17	0	17	54
Digiac Corp.	Digiac 3080	12/64	19.5 (S)	14	-	-	2
Plainview, N.Y. (A) (2/70)	Digiac 3080C	10/67	25.0 (S)	5	-	-	1
Digital Equipment Corp.	PDP-1	11/60	3.4	50	2	52	X
Maynard, Mass. (A) (6/70)	PDP-4	8/62	1.7	40	5	45	X
	PDP-5	9/63	0.9	90	10	100	X
	PDP-6	10/64	10.0	C	C	23	X
	PDP-7	11/64	1.3	C	C	160	X
	PDP-8	4/65	0.5	C	C	1450	C
	PDP-8/1	3/68	0.4	C	C	2157	C
	PDP-8/S	9/66	0.3	C	C	1020	C
	PDP-8/L	11/68	-	C	C	2350	C
	PDP-9	12/66	1.1	C	C	425	C
	PDP-9L	11/68	-	C	C	41	C
	PDP-10	12/67	8.0	C	C	144	C
	PDP-11	3/70	10.5 (S)	C	C	27	C
	PDP-12	9/69	-	C	C	275	C
	PDP-15	2/16	17.0	6	C	15	C
	LINC-8	9/66	-	C	C	142	C
							Total: 1350 E

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
IBM (Cont'd.)	7094-11	4/64	83.0	6	4	10	-
	360/20	12/65	2.7	4690	3276	7966	-
	360/25	1/68	5.1	0	4	4	-
	360/30	5/65	10.3	5075	3144	8219	-
	360/40	4/65	19.3	1260	498	1758	-
	360/44	7/66	11.8	65	13	78	-
	360/50	8/65	29.1	480	109	589	-
	360/65	11/65	57.2	175	31	206	-
	360/67	10/66	133.8	9	4	13	-
	360/75	2/66	66.9	14	3	17	-
	360/85	-	150.3	0	0	0	-
	360/90	11/67	(S)	5	0	5	-
	360/195	-	232.0	-	-	-	-
Interdata	Model 2	7/68	0.25	-	-	18	0
Oceanport, N.J.	Model 3	3/67	0.4	-	-	230	70
(A) (9/70)	Model 4	8/68	0.6	-	-	175	95
NCR	304	1/60	14.0	15	2	17	X
Dayton, Ohio	310	5/61	2.5	8	0	8	X
(R)	315	5/62	8.7	400	300	700	-
(9/70)	315 RMC	9/65	12.0	125	45	170	-
	390	5/61	1.9	350	600	950	-
	500	10/65	1.5	1100	1550	2650	-
	Century 100	9/68	2.7	600	200	800	-
	Century 200	6/69	7.5	150	50	200	-
Philco	1000	6/63	7.0	16	-	-	X
Willow Grove, Pa.	2000-210, 211	10/58	40.0	16	-	-	X
(N) (1/69)	2000-212	1/63	52.0	12	-	-	X
RCA	301	2/61	7.0	140-290	100-130	240-420	-
Cherry Hill, N.J.	501	6/59	14.0-18.0	22-50	1	23-51	-
(N)	601	11/62	14.0-35.0	2	0	2	-
(5/69)	3301	7/64	17.0-35.0	24-60	1-5	25-65	-
	Spectra 70/15	9/65	4.3	90-110	35-60	125-170	-
	Spectra 70/25	9/65	6.6	68-70	18-25	86-95	-
	Spectra 70/35	1/67	9.2	65-100	20-50	85-150	-
	Spectra 70/45	11/65	22.5	84-180	21-55	105-235	-
	Spectra 70/46	-	33.5	1	0	1	-
	Spectra 70/55	11/66	34.0	11	1	12	-
Raytheon	250	12/60	1.2	155	20	175	X
Santa Ana, Calif.	440	3/64	3.6	20	-	20	X
(A)	520	10/65	3.2	26	1	27	X
(9/70)	703	10/67	12.8(s)	161	20	181	1
	704	3/70	9.8(s)	12	6	18	12
	706	5/69	19.0(s)	40	4	44	10
Scientific Control Corp.	650	5/66	0.5	23	0	23	X
Dallas, Tex.	655	10/66	2.1	137	0	137	0
(A)	660	10/65	2.1	41	0	41	0
(6/70)	670	5/66	2.7	1	0	1	X
	4700	4/69	1.8	16	0	16	1
	DCT-132	5/69	0.7	40	0	40	24
Standard Computer Corp.	IC 4000	12/68	9.0	6	0	6	8 E
Los Angeles, Calif.	IC 6000	5/67	16.0	9	0	9	-
(N) (6/70)	IC 7000	6/69	17.0	3	0	3	10 E
Systems Engineering Laboratories	810	9/65	1.1	24	0	24	X
Ft. Lauderdale, Fla.	810A	8/66	0.9	211	5	216	32
(A)	810B	9/68	1.2	75	1	76	26
(6/70)	840	11/65	1.5	3	0	3	X
	840A	8/66	1.5	36	2	38	X
	840MP	1/68	2.0	31	0	31	2
	Systems 86	-	10.0	0	0	0	2
UNIVAC (Div. of Sperry Rand)	I & II	3/51 & 11/57	25.0	23	-	-	X
New York, N.Y.	III	8/62	21.0	25	6	31	X
(R)	File Computers	8/56	15.0	13	-	-	X
(1/69-5/69)	Solid-State 80 I, II, 90, I, II, & Step	8/58	8.0	210	-	-	X
	418	6/63	11.0	76	36	112	20 E
	490 Series	12/61	30.0	75	11	86	35 E
	1004	2/63	1.9	1502	628	2130	20 E
	1005	4/66	2.4	637	299	936	90 E
	1050	9/63	8.5	138	62	200	10 E
	1100 Series (except 1107, 1108)	12/50	35.0	9	0	9	X
	1107	10/62	57.0	8	3	11	X
	1108	9/65	68.0	38	18	56	75 E
	9200	6/67	1.5	127	48	175	850 E
	9300	9/67	3.4	106	38	144	550 E
	9400	5/69	7.0	3	0	3	60 E
	LARC	5/60	135.0	2	0	2	-
Varian Data Machines	620	11/65	0.9	-	-	75	X
Newport Beach, Calif.	620i	6/67	0.5	-	-	1200	400
(A) (9/70)	R-620i	4/69	-	-	-	30	30
	520i	10/68	0.4	-	-	125	330
	620	11/70	0.5	-	-	-	125
	520/DC	12/69	1.6	-	-	18	25
Xerox Data Systems	XDS-92	4/65	1.5	10-60	2	12-62	-
El Segundo, Calif.	XDS-910	8/62	2.0	150-170	7-10	157-180	-
(N)	XDS-920	9/62	2.9	93-120	5-12	98-132	-
(4/70)	XDS-925	12/64	3.0	20	1	21	-
	XDS-930	6/64	3.4	159	14	173	-
	XDS-940	4/66	14.0	28-35	0	28-35	-
	XDS-9300	11/64	8.5	21-25	1	22-26	-
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-
	Sigma 3	12/69	2.0	10	0	10	-
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-
	Sigma 7	12/66	12.0	24-35	5-9	29-44	-

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF OCTOBER 15, 1970

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part I. United States Manufacturers							
Autonetics	RECOMP 11	11/58	2.5	30	0	30	X
Anaheim, Calif. (R) (1/69)	RECOMP 111	6/61	1.5	6	0	6	X
Bailey Meter Co.	Bailey 750	6/60	40-250 (S)	32	3	35	0
Wickliffe, Ohio (A) (10/70)	Bailey 755	11/61	200-600 (S)	6	0	6	0
	Bailey 756	2/65	60-400 (S)	13	5	18	6
	Bailey 855	4/68	100-1000 (S)	8	0	8	17
Bunker-Ramo Corp.	BR-130	10/61	2.0	160	-	-	X
Canoga Park, Calif. (A) (10/69)	BR-133	5/64	2.4	79	-	-	X
	BR-230	8/63	2.7	15	-	-	X
	BR-300	3/59	3.0	18	-	-	X
	BR-330	12/60	4.0	19	-	-	X
	BR-340	12/63	7.0	19	-	-	X
Burroughs	205	1/54	4.6	25-38	2	27-40	X
Detroit, Mich. (N) (1/69-5/69)	220	10/58	14.0	28-31	2	30-33	X
	B100/B500	7/65	2.8-9.0	-	-	-	-
	B2500	2/67	5.0	52-57	12	64-69	117
	B3500	5/67	14.0	44	18	62	190
	B5500	3/63	23.5	65-74	7	72-81	8
	B6500	2/68	33.0	4	0	4	60
	B7500	4/69	44.0	0	0	0	13
	B8500	8/67	200.0	1	0	1	5
Control Data Corp.	G15	7/55	1.6	-	-	295	X
Minneapolis, Minn. (R) (9/70)	G20	4/61	15.5	-	-	20	X
	LGP-21	12/62	0.7	-	-	165	X
	LGP-30	9/56	1.3	-	-	322	X
	RPC4000	1/61	1.9	-	-	75	X
	636/136/046 Series	-	-	-	-	29	-
	160/8090 Series	5/60	2.1-14.0	-	-	610	X
	924/924-A	8/61	11.0	-	-	29	X
	1604/A/B	1/60	45.0	-	-	59	X
	1700	5/66	3.8	-	-	106-180	C
	3100/3150	5/64	10-16	-	-	83-110	C
	3200	5/64	13.0	-	-	55-60	C
	3300	9/65	20-28	-	-	200	C
	3400	11/64	18.0	-	-	20	C
	3500	8/68	25.0	-	-	15	C
	3600	6/23	52.0	-	-	39	C
	3800	2/66	53.0	-	-	20	C
	6400/6500	8/64	58.0	-	-	85	C
	6600	8/64	115.0	-	-	85	C
	6800	6/67	130.0	-	-	1	C
	7600	12/68	235.0	-	-	1	C
							Total: 160 E
Data General Corp.	NOVA	2/69	8.0 (S)	-	-	650	-
Southboro, Mass. (A) (6/70)	SUPERNOVA	5/70	9.6 (S)	-	-	22	-
Datacraft Corp.	6024/1	5/69	54-200 (S)	9	0	9	4
Ft. Lauderdale, Fla. (A) (10/70) DC	6024/3	2/70	33-200 (S)	21	0	21	45
Digiac Corp.	Digiac 3080	12/64	19.5 (S)	14	-	-	2
Plainview, N.Y. (A) (2/70)	Digiac 3080C	10/67	25.0 (S)	5	-	-	1
Digital Equipment Corp.	PDP-1	11/60	3.4	50	2	52	X
Maynard, Mass. (A) (6/70)	PDP-4	8/62	1.7	40	5	45	X
	PDP-5	9/63	0.9	90	10	100	X
	PDP-6	10/64	10.0	C	C	23	X
	PDP-7	11/64	1.3	C	C	160	X
	PDP-8	4/65	0.5	C	C	1450	C
	PDP-8/1	3/68	0.4	C	C	2157	C
	PDP-8/S	9/66	0.3	C	C	1020	C
	PDP-8/L	11/68	-	C	C	2350	C
	PDP-9	12/66	1.1	C	C	425	C
	PDP-9L	11/68	-	C	C	41	C
	PDP-10	12/67	8.0	C	C	144	C
	PDP-11	3/70	10.5 (S)	C	C	27	C
	PDP-12	9/69	-	C	C	275	C
	PDP-15	2/16	17.0	6	C	15	C
	LINC-8	9/66	-	C	C	142	C
							Total: 1350 E

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Electronic Associates Inc. Long Branch, N.J. (A) (10/70)	640	4/67	1.2	90	40	130	10
	8400	7/67	12.0	19	6	25	2
	EMR 6020	4/65	5.4	C	-	-	C
	EMR 6040	7/65	6.6	C	-	-	C
	EMR 6050	2/66	9.0	C	-	-	C
	EMR 6070	10/66	15.0	C	-	-	C
Minneapolis, Minn. (N) (10/70)	EMR 6130	8/67	5.0	C	-	-	C
	EMR 6135	-	2.6	-	-	-	-
	EMR 6155	-	-	-	-	-	-
	Total:			93 E	-	-	15 E
	General Electric			58	5/70	1.0	-
Phoenix, Ariz. (N) (9/70)	105A	6/69	1.3	-	-	-	-
	105B	6/69	1.4	-	-	-	-
	105RTS	7/69	1.2	-	-	-	-
	115	4/66	2.2	200-400	420-680	620-1080	-
	120	3/69	2.9	-	-	-	-
	130	12/68	4.5	-	-	-	-
	205	6/64	2.9	11	0	11	-
	210	7/60	16.0	35	0	35	-
	215	9/63	6.0	15	1	16	-
	225	4/61	8.0	145	15	160	-
	235	4/64	12.0	40-60	17	57-77	-
	245	11/68	13.0	3	-	3	-
	255 T/S	10/67	17.0	15-20	-	15-20	-
	265 T/S	10/65	20.0	45-60	15-30	60-90	-
	275 T/S	11/68	23.0	-	-	10	-
	405	2/68	6.8	10-40	5	15-45	-
	410 T/S	11/69	11.0	-	-	-	-
	415	5/64	7.3	170-300	70-100	240-400	-
	420 T/S	6/67	23.0	-	-	-	-
	425	6/64	9.6	50-100	20-30	70-130	-
	430 T/S	6/69	17.0	-	-	-	-
	435	9/65	14.0	20	6	26	-
	440 T/S	7/69	25.0	-	-	-	-
615	3/68	32.0	-	-	-	-	
625	4/65	43.0	23	3	26	-	
635	5/65	47.0	20-40	3	23-43	-	
655	12/70	80.0	-	-	-	-	
Process Control Computers: (A) (10/70)	3010	-	2.0	-	-	-	-
	4010	-	6.0	-	-	-	-
	4020	2/67	6.0	155	45	200	60
	4040	8/64	3.0	45	20	65	X
	4050	12/66	7.0	23	1	24	X
	4060	6/65	2.0	18	2	20	X
Hewlett Packard Cupertino, Calif. (A) (9/70)	2114A	10/68	0.25	-	-	915	-
	2115A	11/67	0.41	-	-	663	-
	2116A, 2116B	11/66	0.6	-	-	1156	-
Honeywell Computer Control Div. Framingham, Mass. (R) (9/70)	DDP-24	5/63	2.65	-	-	90	X
	DDP-116	4/65	0.9	-	-	250	-
	DDP-124	3/66	2.2	-	-	175	-
	DDP-224	3/65	3.5	-	-	60	-
	DDP-316	6/69	0.6	-	-	325	-
	DDP-416	-	-	-	-	250	-
	DDP-516	9/66	1.2	-	-	800	-
	H112	10/69	-	-	-	70	-
	H632	12/68	3.2	-	-	12	-
	H1648	11/68	12.0	-	-	20	-
Honeywell EDP Div. Wellesley Hills, Mass. (R) (6/70)	H-110	8/68	2.7	180	75	255	0
	H-115	6/70	3.5	30	-	30	-
	H-120	1/66	4.8	800	160	960	-
	H-125	12/67	7.0	150	220	370	-
	H-200	3/64	7.5	800	275	1075	-
	H-400	12/61	10.5	46	40	86	X
	H-800	12/60	30.0	58	15	73	X
	H-1200	2/66	9.8	230	90	325	-
	H-1250	7/68	12.0	130	55	185	-
	H-1400	1/64	14.0	4	6	10	X
	H-1800	1/64	50.0	15	5	20	X
	H-2200	1/66	18.0	125	60	185	-
	H-3200	2/70	24.0	20	2	22	-
	H-4200	8/68	32.5	18	2	20	-
H-8200	12/68	50.0	10	3	14	-	
IBM White Plains, N.Y. (H) (D) (1/69-5/69)	System 3	1/70	1.1	0	0	-	-
	305	12/57	3.6	40	15	55	-
	650	10/67	4.8	50	18	68	-
	1130	2/66	1.5	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 1, 11	9/60	4.1	285	186	471	-
	1800	1/66	5.1	415	148	563	-
	7010	10/63	26.0	67	14	81	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	2	-
	7044	6/63	36.5	28	13	41	-
	705	11/55	38.0	18	3	21	-
	7070, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-
	7080	8/61	60.0	13	2	15	-
7090	11/59	63.5	4	2	6	-	
7094-1	9/62	75.0	10	4	14	-	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
IBM (Cont'd.)	7094-11	4/64	83.0	6	4	10	-
	360/20	12/65	2.7	4690	3276	7966	-
	360/25	1/68	5.1	0	4	4	-
	360/30	5/65	10.3	5075	3144	8219	-
	360/40	4/65	19.3	1260	498	1758	-
	360/44	7/66	11.8	65	13	78	-
	360/50	8/65	29.1	480	109	589	-
	360/65	11/65	57.2	175	31	206	-
	360/67	10/66	133.8	9	4	13	-
	360/75	2/66	66.9	14	3	17	-
	360/85	12/69	150.3	0	0	0	-
	360/90	11/67	(S)	5	0	5	-
	360/195	-	232.0	-	-	-	-
	Interdata Oceanport, N.J. (A) (9/70)	Model 2	7/68	0.25	-	-	18
Model 3		3/67	0.4	-	-	240	64
Model 4		8/68	0.6	-	-	184	92
NCR Dayton, Ohio (R) (9/70)	304	1/60	14.0	15	2	17	X
	310	5/61	2.5	8	0	8	X
	315	5/62	8.7	400	300	700	-
	315 RMC	9/65	12.0	125	45	170	-
	390	5/61	1.9	350	500	850	-
	500	10/65	1.5	1100	1550	2650	-
	Century 100	9/68	2.7	700	250	950	-
Century 200	6/69	7.5	200	75	275	-	
Philco Willow Grove, Pa. (N) (1/69)	1000	6/63	7.0	16	-	-	X
	2000-210,211	10/58	40.0	16	-	-	X
	2000-212	1/63	52.0	12	-	-	X
RCA Cherry Hill, N.J. (N) (5/69)	301	2/61	7.0	140-290	100-130	240-420	-
	501	6/59	14.0-18.0	22-50	1	23-51	-
	601	11/62	14.0-35.0	2	0	2	-
	3301	7/64	17.0-35.0	24-60	1-5	25-65	-
	Spectra 70/15	9/65	4.3	90-110	35-60	125-170	-
	Spectra 70/25	9/65	6.6	68-70	18-25	86-95	-
	Spectra 70/35	1/67	9.2	65-100	20-50	85-150	-
	Spectra 70/45	11/65	22.5	84-180	21-55	105-235	-
	Spectra 70/46	-	33.5	1	0	1	-
	Spectra 70/55	11/66	34.0	11	1	12	-
	Raytheon Santa Ana, Calif. (A) (9/70)	250	12/60	1.2	155	20	175
440		3/64	3.6	20	-	20	X
520		10/65	3.2	26	1	27	X
703		10/67	12.8(S)	168	21	188	1
704		3/70	9.8(S)	28	7	35	6
706		5/69	19.0(S)	44	4	48	9
Scientific Control Corp. Dallas, Tex. (A) (6/70)	650	5/66	0.5	23	0	23	X
	655	10/66	2.1	137	0	137	0
	660	10/65	21.	41	0	41	0
	670	5/66	2.7	1	0	1	X
	4700	4/69	1.8	19	0	19	4
	DCT-132	5/69	0.9	45	0	45	23
Standard Computer Corp. Los Angeles, Calif. (N) (6/70)	1C 4000	12/68	9.0	6	0	6	8 E
	1C 6000	5/67	16.0	9	0	9	-
	1C 7000	6/69	17.0	3	0	3	10 E
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (6/70)	810	9/65	1.1	24	0	24	X
	810A	8/66	0.9	211	5	216	32
	810B	9/68	1.2	75	1	76	28
	840	11/65	1.5	3	0	3	X
	840A	8/66	1.5	36	2	38	X
	840MP	1/68	2.0	31	0	31	2
	Systems 86	-	10.0	0	0	0	2
	UNIVAC (Div. of Sperry Rand) New York, N.Y. (R) (1/69-5/69)	1 & 11	3/51 & 11/57	25.0	23	-	-
111	8/62	21.0	25	6	31	X	
File Computers	8/56	15.0	13	-	-	X	
Solid-State 80 I, II, 90, I, II, & Step	8/58	8.0	210	-	-	X	
418	6/63	11.0	76	36	112	20 E	
490 Series	12/61	30.0	75	11	86	35 E	
1004	2/63	1.9	1502	628	2130	20 E	
1005	4/66	2.4	637	299	936	90 E	
1050	9/63	8.5	138	62	200	10 E	
1100 Series (except 1107, 1108)	12/50	35.0	9	0	9	X	
1107	10/62	57.0	8	3	11	X	
1108	9/65	68.0	38	18	56	75 E	
9200	6/67	1.5	127	48	175	850 E	
9300	9/67	3.4	106	38	144	550 E	
9400	5/69	7.0	3	0	3	60 E	
LARC	5/60	135.0	2	0	2	-	
Varian Data Machines Newport Beach, Calif. (A) (10/70)	620	11/65	0.9	-	-	75	X
	620i	6/67	0.5	-	-	1300	400
	R-620i	4/69	-	-	-	50	30
	520i	10/68	0.4	-	-	150	330
	520/DC	12/69	1.6	-	-	25	25
	620/f	11/70	.5	-	-	-	125
Xerox Data Systems El Segundo, Calif. ... (R) (10/70)	XDS-92	4/65	1.5	10-60	2	12-62	-
	XDS-910	8/62	2.0	150-170	7-10	157-180	-
	XDS-920	9/62	2.9	93-120	5-12	98-132	-
	XDS-925	12/64	3.0	20	1	21	-
	XDS-930	6/64	3.4	159	14	173	-
	XDS-940	4/66	14.0	28-35	0	28-35	-
	XDS-9300	11/64	8.5	21-25	1	22-26	-
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-
	Sigma 3	12/69	2.0	10	0	10	-
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-
	Sigma 6	6/70	12.0	-	-	-	-
	Sigma 7	12/66	12.0	24-35	5-9	29-44	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens (Cont'd.)	4004/46	4/69	34.0	-	-	7	C
	4004/55	12/66	31.3	-	-	16	C
	404/3	-	1.1	-	-	-	C
							Total: 274
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C
	BESM 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIR	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	ONEGA 2	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C
						Total: 6000 E	Total: 2000 E

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR MONTHLY RENTAL \$ (000)	RANGE	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
					In U.S.A.	Outside U.S.A.	In World	
IBM (Cont'd.)	7094-1	9/62	75.0		10	4	14	-
	7094-11	4/64	83.0		6	4	10	-
	360/20	12/65	2.7		4690	3276	7966	-
	360/25	1/68	5.1		0	4	4	-
	360/30	5/65	10.3		5075	3144	8219	-
	360/40	4/65	19.3		1260	498	1758	-
	360/44	7/66	11.8		65	13	78	-
	360/50	8/65	29.1		480	109	589	-
	360/65	11/65	57.2		175	31	206	-
	360/67	10/66	133.8		9	4	13	-
	360/75	2/66	66.9		14	3	17	-
	360/85	12/69	150.3		0	0	0	-
	360/90	11/67	(S)		5	0	5	-
360/195	-	-	232.0		-	-	-	-
Interdata Oceanport, N.J. (A) (12/70)	Model 1	11/70	-	(S)	-	-	10	-
	Model 2	7/68	-	-	-	-	18	X
	Model 3	3/67	-	-	-	-	300	X
	Model 4	8/68	-	-	480	20	500	X
	Model 5	8/70	-	(S)	-	-	5	-
NCR Dayton, Ohio (R) (9/70)	304	1/60	14.0		15	2	17	X
	310	5/61	2.5		8	0	8	X
	315	5/62	8.7		400	300	700	-
	315 RMC	9/65	12.0		125	45	170	-
	390	5/61	1.9		350	500	850	-
	500	10/65	1.5		1100	1550	2650	-
	Century 100	9/68	2.7		700	250	950	-
	Century 200	6/69	7.5		200	75	275	-
Philco Willow Grove, Pa. (N) (1/69)	1000	6/63	7.0		16	-	-	X
	200-210,211	10/58	40.0		16	-	-	X
	2000-212	1/63	52.0		12	-	-	X
RCA Cherry Hill, N.J. (N) (5/69)	301	2/61	7.0		140-290	100-130	240-420	-
	501	6/59	14.0-18.0		22-50	1	23-51	-
	601	11/62	14.0-35.0		2	0	2	-
	3301	7/64	17.0-35.0		24-60	1-5	25-65	-
	Spectra 70/15	9/65	4.3		90-110	35-60	125-170	-
	Spectra 70/25	9/65	6.6		68-70	18-25	86-95	-
	Spectra 70/35	1/67	9.2		65-100	20-50	85-150	-
	Spectra 70/45	11/65	22.5		84-180	21-55	105-235	-
	Spectra 70/46	-	33.5		1	0	1	-
	Spectra 70/55	11/66	34.0		11	1	12	-
Raytheon Santa Ana, Calif. (A) (12/70)	250	12/60	1.2		155	20	175	X
	440	3/64	3.6		20	-	20	X
	520	10/65	3.2		26	1	27	X
	703	10/67	12.8	(S)	165	30	195	1
	704	3/70	9.8	(S)	37	10	47	10
	706	5/69	19.0	(S)	36	12	48	7
Scientific Control Corp. Dallas, Tex. (A) (6/70)	650	5/66	0.5		23	0	23	X
	655	10/66	2.1		137	0	137	0
	660	10/65	2.1		41	0	41	0
	670	5/66	2.7		1	0	1	X
	4700	4/69	1.8		19	0	19	4
	DCT-132	5/69	0.9		45	0	45	23
Standard Computer Corp. Los Angeles, Calif. (N) (12/70)	IC 4000	12/68	9.0		8	0	8	6
	IC 6000	5/67	16.0		9	0	9	-
	IC 7000	8/70	17.0		4	0	4	5
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (6/70)	810	9/65	1.1		24	0	24	X
	810A	8/66	0.9		211	5	216	32
	810B	9/68	1.2		75	1	76	26
	840	11/65	1.5		3	0	3	X
	840A	8/66	1.5		36	2	38	X
	840MP	1/68	2.0		31	0	31	2
	Systems 86	-	10.0		0	0	0	2
	UNIVAC Div. of Sperry Rand New York, N.Y. (R) (1/69-5/69)	1 & 11	3/51 & 11/57	25.0		23	-	-
111	8/62	21.0		25	6	31	X	
File Computers	8/56	15.0		13	-	-	X	
Solid-State 80 1,11, 90,1,11,& Step	8/58	8.0		210	-	-	X	
418	6/63	11.0		76	36	112	20 E	
490 Series	12/61	30.0		75	11	86	35 E	
1004	2/63	1.9		1502	628	2130	20 E	
1005	4/66	2.4		637	299	936	90 E	
1050	9/63	8.5		138	62	200	10 E	
1100 Series (except 1107,1108)	12/50	35.0		9	0	9	X	
1107	10/62	57.0		8	3	11	X	
1108	9/65	68.0		38	18	56	75 E	
9200	6/67	1.5		127	48	175	850 E	
9300	9/67	3.4		106	38	144	550 E	
9400	5/69	7.0		3	0	3	60 E	
LARC	5/60	135.0		2	0	2	-	
Varian Data Machines Newport Beach, Calif. (A) (12/70)	620	11/65	0.9		-	-	75	X
	620i	6/67	0.5		-	-	1300	400
	R-620i	4/69	-		-	-	50	30
	520i	10/68	0.4		-	-	150	330
	520/DC	12/69	1.6		-	-	25	25
	620/f	11/70	.5		-	-	7	125
	Xerox Data Systems El Segundo, Calif. (R) (12/70)	XDS-92	4/65	1.5		10-60	2	12-62
XDS-910	8/62	2.0		150-170	7-10	157-180	-	
XDS-920	9/62	2.9		93-120	5-12	98-132	-	
XDS-925	12/64	3.0		20	1	21	-	
XDS-930	6/64	3.4		159	14	173	-	
XDS-940	4/66	14.0		28-35	0	28-35	-	
XDS-9300	11/64	8.5		21-25	1	22-26	-	
Sigma 2	12/66	1.8		60-110	10-15	70-125	-	
Sigma 3	12/69	2.0		10	0	10	-	
Sigma 5	8/67	6.0		15-40	6-18	21-58	-	
Sigma 6	6/70	12.0		-	-	-	-	
Sigma 7	12/66	12.0		24-35	5-9	29-44	-	
Sigma 9	-	35.0		-	-	-	-	

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF JANUARY 15, 1971

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part II. Manufacturers Outside United States							
A/S Norsk Data Elektrikk Oslo, Norway (A) (Dec. 1970)	NORD-1 NORD-2B NORD-5	8/68 8/69 -	2.0 4.0 (S) -	0 0 0	43 4 0	43 4 0	15 10 1
A/S Regnecentralen Copenhagen, Denmark (A) (Sept. 1970)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	40 11	40 11	0 6
Elbit Computers Ltd. Haifa, Israel (A) (Dec. 1970)	Elbit-100	10/67	4.9 (S)	-	-	210	75
GEC-AEI Automation Ltd. New Parks, Leicester, England (R) (Jan. 1969)	Series 90-2/10/20 25/30/40/300 S-Two 130 330 959 1010 1040 CON/PAC 4020 CON/PAC 4040 CON/PAC 4060	1/66 3/68 12/64 3/64 -/65 12/61 7/63 - 5/66 12/66	- - - - - - - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	13 1 2 9 1 8 1 0 9 5	X X X X X X X X - - -
International Computers, Ltd. (ICL) London, England (A) (Sept. 1970)	Atlas 1 & 2 Deuce KDF 6 - 10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 1690 160 138	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 1690 160 138	X X X X X X X X X X X X X X X X C C C
Japanese Mfrs. (N) (Sept. 1970)	(Mfrs. of various models include: Nippon Electric Co., Fujitsu, Hitachi, Ltd., Toshiba, Oki Electric Industry Co., and Mitsubishi Electric Corp.)					Total: 4150 E	Total: 800 E
Marconi Co., Ltd. Chelmsford, Essex, England (A) (Jan. 1970)	Myriad I Myriad II	3/66 10/67	£36.0-£66.0 (S) £22.0-£42.5 (S)	0 0	37 17	37 17	9 12
Saab-Scania Aktiebolag Linköping, Sweden (A) (Dec. 1970)	D21 D22 D220	12/62 11/68 4/69	7.0 15.0 10.0	0 0 0	38 24 10	38 24 10	- 5 5
Selenia S.p.A. Roma, Italy (A) (Jan. 1971)	GF-16 GF-16R	7/69 6/70	13.7 (S) 10.6 (S)	- -	39 1	39 1	21 1
Siemens Munich, Germany (A) (Sept. 1970)	301 302 303 304 305 306 2002 3003 4004S 4004/15/16 4004/25/26 4004/35 4004/45	11/68 9/67 4/65 5/68 11/67 - 6/59 12/63 - 10/65 1/66 2/67 7/66	0.75 1.3 2.0 2.8 4.5 6.5 13.5 13.0 4.0 5.0 8.3 11.8 22.5	- - - - - - - - - - - - -	- - - - - - - - - - - - -	56 27 67 57 73 - 40 35 4 97 47 164 208	C C C 43 C C C C C C C C C

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens (Cont'd.)	4004/46	4/69	34.0	-	-	7	C
	4004/55	12/66	31.3	-	-	16	C
	404/3	-	1.1	-	-	-	C
						Total:	274
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C
	BESM 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIR	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	ONEGA 2	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C
						Total:	Total:
						6000 E	2000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF FEBRUARY 15, 1971

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Part I. United States Manufacturers								
Autonetics	RECOMP II	11/58	2.5	30	0	30	X	
Anaheim, Calif. (R) (1/69)	RECOMP III							
Bailey Meter Co.	Bailey 750	6/60	40-250 (S)	32	3	35	0	
Wickliffe, Ohio (A) (2/71)	Bailey 755	11/61	200-600 (S)	6	0	6	0	
	Bailey 756	2/65	60-400 (S)	13	5	18	6	
	Bailey 855	4/68	100-1000 (S)	8	0	8	17	
Bunker-Ramo Corp.	BR-130	10/61	2.0	160	-	-	X	
Westlake Village, Calif. (A) (12/70)	BR-133	5/64	2.4	79	-	-	X	
	BR-230	8/63	2.7	15	-	-	X	
	BR-300	3/59	3.0	18	-	-	X	
	BR-330	12/60	4.0	19	-	-	X	
	BR-340	12/63	7.0	19	-	-	X	
	BR-1018	6/71	23.0 (S)	-	-	-	-	
Burroughs	205	1/54	4.6	25-38	2	27-40	X	
Detroit, Mich. (N) (1/69-5/69)	220	10/58	14.0	28-31	2	30-33	X	
	B100/B500	7/65	2.8-9.0	-	-	-	-	
	B2500	2/67	5.0	52-57	12	64-69	117	
	B3500	5/67	14.0	44	18	62	190	
	B5500	3/63	23.5	65-74	7	72-81	8	
	B6500	2/68	33.0	4	0	4	60	
	B7500	4/69	44.0	0	0	0	13	
	B8500	8/67	200.0	1	0	1	5	
Computer Automation, Inc.	208/808	6/68	5.0 (S)	143	7	150	130	
Newport Beach, Calif. (12/70) (A)	216/816	3/69	8.0 (S)	157	13	170	215	
Control Data Corp.	G15	7/55	1.6	-	-	295	X	
Minneapolis, Minn. (R) (9/70)	G20	4/61	15.5	-	-	20	X	
	LGP-21	12/62	0.7	-	-	165	X	
	LGP-30	9/56	1.3	-	-	322	X	
	RPC4000	1/61	1.9	-	-	75	X	
	636/136/046 Series	-	-	-	-	29	-	
	160/8090 Series	5/60	2.1-14.0	-	-	610	X	
	924/924-A	8/61	11.0	-	-	29	X	
	1604/A/B	1/60	45.0	-	-	59	X	
	1700	5/66	3.8	-	-	106-180	0	
	3100/3150	5/64	10-16	-	-	83-110	C	
	3200	5/64	13.0	-	-	55-60	C	
	3300	9/65	20-38	-	-	200	C	
	3400	11/64	18.0	-	-	20	C	
	3500	8/68	25.0	-	-	15	C	
	3600	6/23	52.0	-	-	39	C	
	3800	2/66	53.0	-	-	20	C	
	6400/6500	8/64	58.0	-	-	85	C	
	6600	8/64	115.0	-	-	85	C	
	6800	6/67	130.0	-	-	1	C	
	7600	12/68	235.0	-	-	1	C	
							Total:	160 E
Data General Corp.	NOVA	2/69	8.0 (S)	-	-	813	-	
Southboro, Mass. (A) (2/71)	SUPERNOVA	5/70	9.6 (S)	-	-	102	-	
	NOVA 1200	12/70	5.4 (S)	-	-	8	-	
	NOVA 800	4/71	6.9 (S)	-	-	-	-	
	SUPERNOVA SC	6/71	11.9 (S)	-	-	-	-	
Datacraft Corp.	6024/1	5/69	54-200 (S)	9	-	9	4	
Ft. Lauderdale, Fla. (A) (10/70) DC	6024/3	2/70	33-200 (S)	21	0	21	45	
Digiac Corp.	Digiac 3060	1/70	9.0 (S)	25	-	-	5	
Plainview, N.Y. (A) (12/70)	Digiac 3080	12/64	19.5 (S)	16	-	-	0	
	Digiac 3080C	10/67	25.0 (S)	7	-	-	1	
Digital Computer Controls, Inc.	D-112	8/70	10.0 (S)	9	1	10	200	
Fairfield, N.J. (A) (2/71)								
Digital Equipment Corp.	PDP-1	11/60	3.4	48	2	50	X	
Maynard, Mass. (A) (2/71)	PDP-4	8/62	1.7	40	5	45	X	
	PDP-5	9/63	0.9	90	10	100	X	
	PDP-6	10/64	10.0	C	C	23	X	
	PDP-7	11/64	1.3	C	C	160	X	
	PDP-8	4/65	0.5	C	C	1440	C	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Digital Equipment Corp. (Cont'd)	PDP-8/L	3/68	0.4	C	C	3698	C
	PDP-8/S	9/66	0.3	C	C	1024	C
	PDP-8/L	11/68	-	C	C	3902	C
	PDP-9	12/66	1.1	C	C	436	C
	PDP-9L	11/68	-	C	C	48	C
	PDP-10	12/67	8.0	C	C	145	C
	PDP-11	3/70	10.5 (S)	C	C	546	C
	PDP-12	9/69	-	C	C	475	C
	PDP-15	2/16	17.0	6	C	15	C
	LINC-8	9/66	-	C	C	142	C
						Total:	1350 E
Electronic Associates Inc.	640	4/67	1.2	5	5	40	6
Long Branch, N.J. (A) (2/71)	8400	7/67	12.0	19	6	25	0
EMR Computer	EMR 6020	4/65	5.4	C	-	-	C
Minneapolis, Minn.	EMR 6040	7/65	6.6	C	-	-	C
(N)	EMR 6050	2/66	9.0	C	-	-	C
(12/70)	EMR 6070	10/66	15.0	C	-	-	C
	EMR 6130	8/67	5.0	C	-	-	C
	EMR 6135	-	2.6	-	-	-	-
	EMR 6155	-	-	-	-	-	-
				Total:	103 E	11	Total: 15 E
General Automation, Inc.	SPC-12	1/68	-	-	-	-	-
Anaheim, Calif.	SPC-16	5/70	-	-	-	-	-
(R) (6/70)	System 18/30	7/69	-	-	-	-	-
Hewlett Packard	2114A, 2114B	10/68	0.25	-	-	1075	-
Cupertino, Calif.	2115A	11/67	0.41	-	-	663	-
(A) (2/71)	2116A, 2116B, 2116C	11/66	0.6	-	-	1252	-
Honeywell Information Systems	G58	5/70	1.0	-	-	-	-
Wellesley Hills, Mass.	G105A	6/69	1.3	-	-	-	-
(A) (2/71)	G105B	6/69	1.4	-	-	-	-
	G105RTS	7/69	1.2	-	-	-	-
	G115	4/66	2.2	200-400	420-680	620-1080	-
	G120	3/69	2.9	-	-	-	-
	G130	12/68	4.5	-	-	-	-
	G205	6/64	2.9	11	0	11	-
	G210	7/60	16.0	35	0	35	-
	G215	9/63	6.0	15	1	16	-
	G225	4/61	8.0	145	15	160	-
	G235	4/64	12.0	40-60	17	57-77	-
	G245	11/68	13.0	3	-	3	-
	G255 T/S	10/67	17.0	15-20	-	15-20	-
	G265 T/S	10/65	20.0	45-60	15-30	60-90	-
	G275 T/S	11/68	23.0	-	-	10	-
	G405	2/68	6.8	10-40	5	15-45	-
	G410 T/S	11/69	11.0	-	-	-	-
	G415	5/64	7.3	170-300	70-100	240-400	-
	G420 T/S	6/67	23.0	-	-	-	-
	G425	6/64	9.6	50-100	20-30	70-130	-
	G430 T/S	6/69	17.0	-	-	-	-
	G435	9/65	14.0	20	6	26	-
	G440 T/S	7/69	25.0	-	-	-	-
	G615	3/68	32.0	-	-	-	-
	G625	4/65	43.0	23	3	26	-
	G635	5/65	47.0	20-40	3	23-43	-
	G655	12/70	80.0	-	-	-	-
	H-110	8/68	2.7	180	75	255	0
	H-115	6/70	3.5	30	-	30	-
	H-120	1/66	4.8	800	160	960	-
	H-125	12/67	7.0	150	220	370	-
	H-200	3/64	7.5	800	275	1075	-
	H-400	12/61	10.5	46	40	86	X
	H-800	12/60	30.0	58	15	73	X
	H-1200	2/66	9.8	230	90	325	-
	H-1250	7/68	12.0	130	55	185	-
	H-1400	1/64	14.0	4	6	10	X
	H-1800	1/64	50.0	15	5	20	X
	H-2200	1/66	18.0	125	60	185	-
	H-3200	2/70	24.0	20	2	22	-
	H-4200	8/68	32.5	18	2	20	-
	H-8200	12/68	50.0	10	3	14	-
	DDP-24	5/63	2.65	-	-	90	X
	DDP-116	4/65	0.9	-	-	250	-
	DDP-124	3/66	2.2	-	-	250	-
	DDP-224	3/65	3.5	-	-	60	-
	DDP-316	6/69	0.6	-	-	450	-
	DDP-416	-	-	-	-	350	-
	DDP-516	9/66	1.2	-	-	900	-
	H112	10/69	-	-	-	75	-
	H632	12/68	3.2	-	-	12	-
	G3010	-	2.0	-	-	-	-
	G4010	-	6.0	-	-	-	-
	G4020	2/67	6.0	155	45	200	60
	G4040	8/64	3.0	45	20	65	X
	G4050	12/66	7.0	23	1	24	X
	G4060	6/65	2.0	18	2	20	X
	H1602	-	-	-	-	-	-
	H1642	-	-	-	-	-	-
	H1644	-	-	-	-	-	-
	H1646	-	-	-	-	-	-
	H1648	11/68	12.0	-	-	20	-
	H1648A	-	-	-	-	-	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
IBM White Plains, N.Y. (N) (D) (1/69-5/69)	System 3	1/70	1.1	0	0	-	-
	305	12/57	3.6	40	15	55	-
	650	10/67	4.8	50	18	68	-
	1130	2/66	1.5	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 1, 11	9/60	4.1	285	186	471	-
	1800	1/66	5.1	415	148	563	-
	7010	10/63	26.0	67	14	81	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	2	-
	7044	6/63	36.5	28	13	41	-
	705	11/55	38.0	18	3	21	-
	7020, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-
	7080	8/61	60.0	13	2	15	-
	7090	11/59	63.5	4	2	6	-
	7094-1	9/62	75.0	10	4	14	-
	7094-11	4/64	83.0	6	4	10	-
	360/20	12/65	2.7	4690	3276	7966	-
	360/25	1/68	5.1	0	4	4	-
	360/30	5/65	10.3	5075	3144	8219	-
	360/40	4/65	19.3	1260	498	1758	-
	360/44	7/66	11.8	65	13	78	-
	360/50	8/65	29.1	480	109	589	-
	360/65	11/65	57.2	175	31	206	-
	360/67	10/66	133.8	9	4	13	-
	360/75	2/66	66.9	14	3	17	-
	360/85	12/69	150.3	0	0	0	-
	360/90	11/67	(S)	5	0	5	-
	360/195	-	232.0	-	-	-	-
Interdata Oceanport, N.J. (A) (2/71)	Model 1	12/70	11.0	45	1	20	70
	Model 3	5/67	20.0	N/A	-	260	X
	Model 4	8/68	15.0	280	20	300	90
	Model 5	11/70	25.0	9	1	40	30
	Model 15	1/69	35.0	N/A	-	64	13
NCR Dayton, Ohio (R) (2/71)	304	1/60	14.0	15	2	17	X
	310	5/61	2.5	8	0	8	X
	315	5/62	8.7	400	300	700	-
	315 RMC	9/65	12.0	150	45	195	-
	390	5/61	1.9	950	500	1450	-
	500	10/65	1.5	1100	1800	2900	-
	Century 100	9/68	2.7	1100	300	1400	-
	Century 200	6/69	7.5	350	90	440	-
Philco Willow Grove, Pa. (N) (1/69)	1000	6/63	7.0	16	-	-	X
	200-210, 211	10/58	40.0	16	-	-	X
	2000-212	1/63	52.0	12	-	-	X
RCA Cherry Hill, N.J. (N) (5/69)	301	2/61	7.0	140-290	100-130	240-420	-
	501	6/59	14.0-18.0	22-50	1	23-51	-
	601	11/62	14.0-35.0	2	0	2	-
	3301	7/64	17.0-35.0	24-60	1-5	25-65	-
	Spectra 70/15	9/65	4.3	90-110	35-60	125-170	-
	Spectra 70/25	9/65	6.6	68-70	18-25	86-95	-
	Spectra 70/35	1/67	9.2	65-100	20-50	85-150	-
	Spectra 70/45	11/65	22.5	84-180	21-55	105-235	-
	Spectra 70/46	-	33.5	1	0	1	-
	Spectra 70/55	11/66	34.0	11	1	12	-
	Raytheon Santa Ana, Calif. (A) (2/71)	250	12/60	1.2	115	20	175
440		3/64	3.6	20	-	20	X
520		10/65	3.2	26	1	27	X
703		10/67	12.8 (S)	171	31	202	3
704		3/70	9.8 (S)	14	78	49	-
706		5/69	19.0 (S)	54	14	68	11
Scientific Control Corp. Dallas, Tex. (A) (6/70)	650	5/66	0.5	23	0	23	X
	655	10/66	2.1	137	0	137	0
	660	10/65	2.1	41	0	41	0
	670	5/66	2.7	1	0	1	X
	4700	4/69	1.8	19	0	19	4
	DCT-132	5/69	0.9	45	0	45	23
Standard Computer Corp. Los Angeles, Calif. (N) (12/70)	IC 4000	12/68	9.0	8	0	8	6
	IC 6000	5/67	16.0	9	0	9	-
	IC 7000	8/70	17.0	4	0	4	5
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A)] (6/70)	810	9/65	1.1	24	0	24	X
	810A	8/66	0.9	111	5	216	32
	810B	9/68	1.2	75	1	76	26
	840	11/65	1.5	3	0	3	X
	840A	8/66	1.5	36	2	38	X
	840MP	1/68	2.0	31	0	31	2
	Systems 86	-	10.0	0	0	0	2
UNIVAC Div. of Sperry Rand New York, N.Y. (A) (2/71)	I & II	3/51 & 11/57	25.0	23	-	-	X
	III	8/62	21.0	25	6	31	X
	File Computers	8/56	15.0	13	-	-	X
	Solid-State 80 I,II, 90, I, II, & Step	8/58	8.0	210	-	-	X
	418	6/63	11.0	76	36	112	20 E
	490 Series	12/61	30.0	75	11	86	35 E
1004	2/63	1.9	1502	628	2130	20 E	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
UNIVAC (Cont'd.)	1005	4/66	2.4	637	299	936	90 E
	1050	9/63	8.5	138	62	200	10 E
	1100 Series (except 1107,1108)	12/50	35.0	9	0	9	X
	1107	10/62	57.0	8	3	11	X
	1108	9/65	68.0	87	114	56	75 E
	9200	6/67	1.5	1051	822	175	850 E
	9300	9/67	3.4	387	49	144	550 E
	9400	5/69	7.0	8	0	3	60 E
	LARC	5/60	135.0	2	0	2	-
	Varian Data Machines Newport Beach, Calif. (A) (2/71)	620	11/65	0.9	-	-	75
620i		6/67	0.5	-	-	1300	400
R-620i		4/69	-	-	-	50	30
520i		10/68	0.4	-	-	150	330
520/DC		12/69	1.6	-	-	25	25
620/f		11/70	0.5	-	-	7	125
Xerox Data Systems El Segundo, Calif. (R) (2/71)	XDS-92	4/65	1.5	10-60	2	12-62	-
	XDS-910	8/62	2.0	150-170	7-10	157-180	-
	XDS-920	9/62	2.9	93-120	5-12	98-132	-
	XDS-925	12/64	3.0	20	1	21	-
	XDS-930	6/64	3.4	159	14	173	-
	XDS-940	4/66	14.0	28-35	0	28-35	-
	XDS-9300	11/64	8.5	21-25	1	22-26	-
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-
	Sigma 3	12/69	2.0	10	0	10	-
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-
	Sigma 6	6/70	12.0	-	-	-	-
	Sigma 7	12/66	12.0	24-35	5-9	29-44	-
Sigma 9	-	35.0	-	-	-	-	

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF MARCH 15, 1971

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Part II. Manufacturers Outside United States								
A/S Norsk Data Elektronikk Oslo, Norway (A) (Feb. 1971)	NORD-1 NORD-2B NORD-5	8/68 8/69 -	2.0 4.0 (S) -	0 0 0	43 4 0	43 4 0	15 10 1	
A/S Regnecentralen Copenhagen, Denmark (A) (Feb. 1971)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	40 14	40 14	0 3	
Elbit Computers Ltd. Haifa, Israel (A) (Feb. 1971)	Elbit-100	10/67	4.9 (S)	-	-	225	50	
GEC-AEI Automation Ltd. New Parks, Leicester, England (R) (Jan. 1969)	Series 90-2/10/20 25/30/40/300 S-Two 130 330 959 1010 1040 CON/PAC 4020 CON/PAC 4040 CON/PAC 4060	1/66 3/68 12/64 3/64 -/65 12/61 7/63 - 5/66 12/66	- - - - - - - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	13 1 2 9 1 8 1 0 9 5	X X X X X X X X - -	
International Computers, Ltd. (ICL) London, England (A) (Sept. 1970)	Atlas 1 & 2 Deuce KDF 6 - 10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 1690 160 138	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 1690 160 138	X X X X X X X X X X X X X X X C C C	
Japanese Mfrs. (N) (Sept. 1970)	(Mfrs. of various models include: Nippon Electric Co., Fujitsu, Hitachi, Ltd., Toshiba, Oki Electric Industry Co., and Mitsubishi Electric Corp.)						Total: 4150 E	Total: 800 E
Marconi Co., Ltd. Chelmsford, Essex, England (A) (Jan. 1970)	Myriad I Myriad II	3/66 10/67	£36.0-£66.0 (S) £22.0-£42.5 (S)	0 0	37 17	37 17	9 12	
Redifon Limited Crawley, Sussex, England (A) (Feb. 1971)	R2000	7/70	-	0	6	-	6	
Saab-Scania Aktiebolag Linköping, Sweden (A) (Feb. 1971)	D21 D22 D220	12/62 11/68 4/69	7.0 15.0 10.0	0 0 0	38 24 10	38 25 10	- 4 -	
Selenia S.p.A. Roma, Italy (A) (Jan. 1971)	GP-16 BP-16R	7/69 6/70	13.7 (S) 10.6 (S)	- -	39 1	39 1	21 1	
Siemens Munich, Germany (A) (Feb. 1971)	301 302 303 304 305 306 2002 3003 4004/15/16 4004/25/26	11/68 9/67 4/65 5/68 11/67 - 6/59 12/63 10/65 1/66	0.75 1.3 2.0 2.8 4.5 6.5 13.5 13.0 5.0 8.3	- - - - - - - - - -	- - - - - - - - - -	73 27 70 59 84 - 40 31 101 52	C C C C C C C C C C	

Please turn to page 55

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens (Cont'd.)	4004/35	2/67	11.8	-	-	172	C
	4004/45	7/66	22.5	-	-	222	C
	4004/46	4/69	34.0	-	-	9	C
	4004/55	12/66	31.3	-	-	20	C
	404/3	-	1.1	-	-	-	C
	404/6	12/69	2.5	-	-	6	C
						Total:	291
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C
	BESM 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIR	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	ONEGA 2	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C
						Total:	Total:
						6000 E	[2000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF APRIL 15, 1971

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$ (000))	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Part I. United States Manufacturers								
Autonetics	RECOMP II	11/58	2.5	30	0	30	X	
Anaheim, Calif. (R) (1/69)	RECOMP III							
Bailey Meter Co.	Bailey 750	6/60	40-250 (S)	32	3	35	0	
Wickliffe, Ohio (A) (4/71)	Bailey 755	11/61	200-600 (S)	6	0	6	0	
	Bailey 756	2/65	60-400 (S)	13	5	18	6	
	Bailey 855	4/68	100-1000 (S)	8	0	8	17	
Bunker-Ramo Corp.	BR-130	10/61	2.0	160	-	-	X	
Westlake Village, Calif. (A) (3/71)	BR-133	5/64	2.4	79	-	-	X	
	BR-230	8/63	2.7	15	-	-	X	
	BR-300	3/59	3.0	18	-	-	X	
	BR-330	12/60	4.0	19	-	-	X	
	BR-340	12/63	7.0	19	-	-	X	
	BR-1018	6/71	23.0 (S)	-	-	-	-	
Burroughs	205	1/54	4.6	25-38	2	27-40	X	
Detroit, Mich. (N) (1/69-5/69)	220	10/58	14.0	28-31	2	30-33	X	
	B100/B500	7/65	2.8-9.0	-	-	-	-	
	B2500	2/67	5.0	52-57	12	64-69	117	
	B3500	5/67	14.0	44	18	62	190	
	B5500	3/63	23.5	65-74	7	72-81	8	
	B6500	2/68	33.0	4	0	4	60	
	B7500	4/69	44.0	0	0	0	13	
	B8500	8/67	200.0	1	0	1	5	
Computer Automation, Inc.	208/808	6/68	5.0 (S)	143	7	150	130	
Newport Beach, Calif. (12/70) (A)	216/816	3/69	8.0 (S)	157	13	170	215	
Control Data Corp.	G15	7/55	1.6	-	-	295	X	
Minneapolis, Minn. (R) (9/70)	G20	4/61	15.5	-	-	20	X	
	LGP-21	12/62	0.7	-	-	165	X	
	LGP-30	9/56	1.3	-	-	322	X	
	RPC4000	1/61	1.9	-	-	75	X	
	636/136/046 Series	-	-	-	-	29	-	
	160/8090 Series	5/60	2.1-14.0	-	-	610	X	
	924/924-A	8/61	11.0	-	-	29	X	
	1604/A/B	1/60	45.0	-	-	59	X	
	1700	5/66	3.8	-	-	106-180	0	
	3100/3150	5/64	10-16	-	-	83-110	C	
	3200	5/64	13.0	-	-	55-60	C	
	3300	9/65	20-38	-	-	200	C	
	3400	11/64	18.0	-	-	20	C	
	3500	8/68	25.0	-	-	15	C	
	3600	6/23	52.0	-	-	39	C	
	3800	2/66	53.0	-	-	20	C	
	6400/6500	8/64	58.0	-	-	85	C	
	6600	8/64	115.0	-	-	85	C	
	6800	6/67	130.0	-	-	1	C	
	7600	12/68	235.0	-	-	1	C	
							Total:	160 E
Data General Corp.	NOVA	2/69	8.0 (S)	-	-	813	-	
Southboro, Mass. (A) (4/71)	SUPERNOVA	5/70	9.6 (S)	-	-	102	-	
	NOVA 1200	12/71	5.4 (S)	-	-	100	-	
	NOVA 800	3/71	6.9 (S)	-	-	-	-	
	SUPERNOVA SC	6/71	11.9 (S)	-	-	-	-	
Datacraft Corp.	6024/1	5/69	54-200 (S)	11	0	11	3	
Ft. Lauderdale, Fla. (A) (4/71)	6024/3	2/70	33-200 (S)	34	3	37	43	
	6024/5	10/71	16-50 (S)	0	0	0	0	
Digiac Corp.	Digiac 3060	1/70	9.0 (S)	30	-	-	5	
Plainview, N.Y. (A) (3/71)	Digiac 3080	12/64	19.5 (S)	16	-	-	0	
	Digiac 3080C	10/67	25.0 (S)	7	-	-	1	
Digital Computer Controls, Inc.	D-112	8/70	10.0 (S)	45	5	50	300	
Fairfield, N.J. (A) (3/71)								
Digital Equipment Corp.	PDP-1	11/60	3.4	48	2	50	X	
Maynard, Mass. (A) (2/71)	PDP-4	8/62	1.7	40	5	45	X	
	PDP-5	9/63	0.9	90	10	100	X	
	PDP-6	10/64	10.0	C	C	23	X	
	PDP-7	11/64	1.3	C	C	160	X	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Digital Equipment Corp. (Cont'd.)	PDP-8	4/65	0.5	C	C	1440	C
	PDP-8/1	3/68	0.4	C	C	3698	C
	PDP-8/S	9/66	0.3	C	C	1024	C
	PDP-8/L	11/68	-	C	C	3902	C
	PDP-9	12/66	1.1	C	C	436	C
	PDP-9L	11/68	-	C	C	48	C
	PDP-10	12/67	8.0	C	C	145	C
	PDP-11	3/70	10.5 (S)	C	C	546	C
	PDP-12	9/69	-	C	C	475	C
	PDP-15	2/16	17.0	6	C	15	C
	LINC-8	9/66	-	C	C	142	C
							Total: 1350 E
Electronic Associates Inc.	640	4/67	1.2	95	55	140	7
Long Branch, N.J. (A) (4/71)	8400	7/67	12.0	19	6	25	0
EMR Computer	EMR 6020	4/65	5.4	C	-	-	C
Minneapolis, Minn.	EMR 6040	7/65	6.6	C	-	-	C
(A)	EMR 6050	2/66	9.0	C	-	-	C
(2/71)	EMR 6070	10/66	15.0	C	-	-	C
	EMR 6130	8/67	5.0	C	-	-	C
	EMR 6135	-	2.6	-	-	-	-
	EMR 6155	-	-	-	-	-	-
				Total: 107	12		Total: 15 E
General Automation, Inc.	SPC-12	1/68	-	-	-	-	-
Anaheim, Calif.	SPC-16	5/70	-	-	-	-	-
(R) (6/70)	System 18/30	7/69	-	-	-	-	-
General Electric	GE-PAC 3010	5/70	2.0	2	0	2	5
West Lynn, Mass.	GE-PAC 4010	10/70	6.0	2	0	2	16
Process Control Computers	GE-PAC 4020	2/67	6.0	172	49	221	59
(A)	GE-PAC 4040	8/64	3.0	45	20	65	X
(12/70)	GE-PAC 4050	12/66	7.0	23	1	24	X
	GE-PAC 4060	6/65	2.0	18	2	20	X
Hewlett Packard	2114A, 2114B	10/68	0.25	-	-	1060	-
Cupertino, Calif.	2115A	11/67	0.41	-	-	319	-
(A) (4/71)	2116A, 2116B, 2116C	11/66	0.6	-	-	940	-
Honeywell Information Systems	G58	5/70	1.0	-	-	-	-
Wellesley Hills, Mass.	G105A	6/69	1.3	-	-	-	-
(A) (2/71)	G105B	6/69	1.4	-	-	-	-
	G105RTS	7/69	1.2	-	-	-	-
	G115	4/66	2.2	200-400	420-680	620-1080	-
	G120	3/69	2.9	-	-	-	-
	G130	12/68	4.5	-	-	-	-
	G205	6/64	2.9	11	0	11	-
	G210	7/60	16.0	35	0	35	-
	G215	9/63	6.0	15	1	16	-
	G225	4/61	8.0	145	15	160	-
	G235	4/64	12.0	40-60	17	57-77	-
	G245	11/68	13.0	3	-	3	-
	G255 T/S	10/67	17.0	15-20	-	15-20	-
	G265 T/S	10/65	20.0	45-60	15-30	60-90	-
	G275 T/S	11/68	23.0	-	-	10	-
	G405	2/68	6.8	10-40	5	15-45	-
	G410 T/S	11/69	11.0	-	-	-	-
	G415	5/64	7.3	170-300	70-100	240-400	-
	G420 T/S	6/67	23.0	-	-	-	-
	G425	6/64	9.6	50-100	20-30	70-130	-
	G430 T/S	6/69	17.0	-	-	-	-
	G435	9/65	14.0	20	6	26	-
	G440 T/S	7/69	25.0	-	-	-	-
	G615	3/68	32.0	-	-	-	-
	G625	4/65	43.0	23	3	26	-
	G635	5/65	47.0	20-40	3	23-43	-
	G655	12/70	80.0	-	-	-	-
	H-110	8/68	2.7	180	75	255	0
	H-115	6/70	3.5	30	-	30	-
	H-120	1/66	4.8	800	160	960	-
	H-125	12/67	7.0	150	220	370	-
	H-200	3/64	7.5	800	275	1075	-
	H-400	12/61	10.5	46	40	86	X
	H-800	12/60	30.0	58	15	73	X
	H-1200	2/66	9.8	230	90	325	-
	H-1250	7/68	12.0	130	55	185	-
	H-1400	1/64	14.0	4	6	10	X
	H-1800	1/64	50.0	15	5	20	X
	H-2200	1/66	18.0	125	60	185	-
	H-3200	2/70	24.0	20	2	22	-
	H-4200	8/68	32.5	18	2	20	-
	H-8200	12/68	50.0	10	3	14	-
	DDP-24	5/63	2.65	-	-	90	X
	DDP-116	4/65	0.9	-	-	250	-
	DDP-124	3/66	2.2	-	-	250	-
	DDP-224	3/65	3.5	-	-	60	-
	DDP-316	6/69	0.6	-	-	450	-
	DDP-416	-	-	-	-	350	-
	DDP-516	9/66	1.2	-	-	900	-
	H112	10/69	-	-	-	75	-
	H632	12/68	3.2	-	-	12	-
	H1602	-	-	-	-	-	-
	H1642	-	-	-	-	-	-
	H1644	-	-	-	-	-	-
	H1646	-	-	-	-	-	-
	H1648	11/68	12.0	-	-	20	-
	H1648A	-	-	-	-	-	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS		NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	
IBM White Plains, N.Y. (N) (D) (1/69-5/69)	System/3 Model 6	3/71	1.0	-	-	-
	System/3 Model 10	1/70	1.1	-	-	-
	System/7	11/71	0.35 and up	-	-	-
	305	12/57	3.6	40	15	55
	650	10/67	4.8	50	18	68
	1130	2/66	1.5	2580	1227	3807
	1401	9/60	5.4	2210	1836	4046
	1401-G	5/64	2.3	420	450	870
	1401-H	6/67	1.3	180	140	320
	1410	11/61	17.0	156	116	272
	1440	4/63	4.1	1690	1174	2864
	1460	10/63	10.0	194	63	257
	1620 1, 11	9/60	4.1	285	186	471
	1800	1/66	5.1	415	148	563
	7010	10/63	26.0	67	14	81
	7030	5/61	160.0	4	1	5
	704	12/55	32.0	12	1	13
	7040	6/63	25.0	35	27	2
	7044	6/63	36.5	28	13	41
	705	11/55	38.0	18	3	21
	7020, 2	3/60	27.0	10	3	13
	7074	3/60	35.0	44	26	70
	7080	8/61	60.0	13	2	15
	7090	11/59	63.5	4	2	6
	7094-1	9/62	75.0	10	4	14
	7094-11	4/64	83.0	6	4	10
	360/20	12/65	2.7	4690	3276	7966
	360/25	1/68	5.1	0	4	4
	360/30	5/65	10.3	5075	3144	8219
	360/40	4/65	19.3	1260	498	1758
	360/44	7/66	11.8	65	13	78
	360/50	8/65	29.1	480	109	589
	360/65	11/65	57.2	175	31	206
	360/67	10/66	133.8	9	4	13
	360/75	2/66	66.9	14	3	17
360/85	12/69	150.3	0	0	0	
360/90	11/67	(S)	5	0	5	
370/135	5/72	14.4	-	-	-	
370/145	9/71	23.3	-	-	-	
370/155	2/71	48.0	-	-	-	
370/165	5/71	98.7	-	-	-	
360/195	4/71	232.0	-	-	-	
Interdata Oceanport, N.J. (A) (4/71)	Model 1	12/70	3.7	45	10	55
	Model 3	5/67	-	N/A	-	200
	Model 4	8/68	8.5	200	100	300
	Model 5	11/70	10.5	25	5	40
	Model 15	1/69	20.0	40	24	64
NCR Dayton, Ohio (R) (2/71)	304	1/60	14.0	15	2	17
	310	5/61	2.5	8	0	8
	315	5/62	8.7	400	300	700
	315 RMC	9/65	12.0	150	45	195
	390	5/61	1.9	950	500	1450
	500	10/65	1.5	1100	1800	2900
	Century 100	9/68	2.7	1100	300	1400
Century 200	6/69	7.5	350	90	440	
Philco Willow Grove, Pa. (N) (1/69)	1000	6/63	7.0	16	-	-
	200-210,211	10/58	40.0	16	-	-
	2000-212	1/63	52.0	12	-	-
RCA Cherry Hill, N.J. (N) (5/69)	301	2/61	7.0	140-290	100-130	240-420
	501	6/59	14.0-18.0	22-50	1	23-51
	601	11/62	14.0-35.0	2	0	2
	3301	7/64	17.0-35.0	24-60	1-5	25-65
	Spectra 70/15	9/65	4.3	90-110	35-60	125-170
	Spectra 70/25	9/65	6.6	68-70	18-25	86-95
	Spectra 70/35	1/67	9.2	65-100	20-50	85-150
	Spectra 70/45	11/65	22.5	84-180	21-55	105-235
	Spectra 70/46	-	33.5	1	0	1
	Spectra 70/55	11/66	34.0	11	1	12
Raytheon Santa Ana, Calif. (A) (4/71)	250	12/60	1.2	115	20	175
	440	3/64	3.6	20	-	20
	520	10/65	3.2	26	1	27
	703	10/67	12.8 (S)	172	31	203
	704	3/70	9.8 (S)	64	16	80
	706	5/69	19.0 (S)	55	14	69
Scientific Control Corp. Dallas, Tex. (A) (6/70)	650	5/66	0.5	23	0	23
	655	10/66	2.1	137	0	137
	660	10/65	2.1	41	0	41
	670	5/66	2.7	1	0	1
	4700	4/69	1.8	19	0	19
	DCT-132	5/69	0.9	45	0	45
Standard Computer Corp. Los Angeles, Calif. (N) (12/70)	IC 4000	12/68	9.0	8	0	8
	IC 6000	5/67	16.0	9	0	9
	IC 7000	8/70	17.0	4	0	4
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (6/70)	810	9/65	1.1	24	0	24
	810A	8/66	0.9	111	5	216
	810B	9/68	1.2	75	1	76
	840	11/65	1.5	3	0	3
	840A	8/66	1.5	36	2	38
	840MP	1/68	2.0	31	0	31
	Systems 86	-	10.0	0	0	0
UNIVAC Div. of Sperry Rand New York, N.Y.	I & II	3/51 & 11/57	25.0	23	-	-
	III	8/62	21.0	25	6	31

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
UNIVAC (Cont'd.) (2/71) (A)	File Computers	8/56	15.0	13	-	-	X
	Solid-State 80 I,II, 90, I, II, & Step	8/58	8.0	210	-	-	X
	418	6/63	11.0	76	36	112	20 E
	490 Series	12/61	30.0	75	11	86	35 E
	1004	2/63	1.9	1502	628	2130	20 E
	1005	4/66	2.4	637	299	936	90 E
	1050	9/63	8.5	138	62	200	10 E
	1100 Series (except 1107, 1108)	12/50	35.0	9	0	9	X
	1107	10/62	57.0	8	3	11	X
	1108	9/65	68.0	87	114	56	75 E
	9200	6/67	1.5	1051	822	175	850 E
	9300	9/67	3.4	387	49	144	550 E
	9400	5/69	7.0	8	0	3	60 E
	LARC	5/60	135.0	2	0	2	-
	Varian Data Machines Newport Beach, Calif. (A) (4/71)	620	11/65	-	-	-	75
620i		6/67	-	-	-	1300	400
R-620i		4/69	-	-	-	50	30
520i		10/68	0.4	-	-	150	330
520/DC		12/69	1.6	-	-	25	25
620/f		11/70	0.5	-	-	7	125
620/L		6/71	-	-	-	-	65
Xerox Data Systems El Segundo, Calif. (R) (2/71)	XDS-92	4/65	1.5	10-60	2	12-62	-
	XDS-910	8/62	2.0	150-170	7-10	157-180	-
	XDS-920	9/62	2.9	93-120	5-12	98-132	-
	XDS-925	12/64	3.0	20	1	21	-
	XDS-930	6/64	3.4	159	14	173	-
	XDS-940	4/66	14.0	28-35	0	28-35	-
	XDS-9300	11/64	8.5	21-25	1	22-26	-
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-
	Sigma 3	12/69	2.0	10	0	10	-
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-
	Sigma 6	6/70	12.0	-	-	-	-
	Sigma 7	12/66	12.0	24-35	5-9	29-44	-
Sigma 9	-	35.0	-	-	-	-	

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF APRIL 15, 1971

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Part II. Manufacturers Outside United States								
A/S Norsk Data Elektronikk Oslo, Norway (A) (Apr. 1971)	NORD-1 NORD-2B NORD-5	8/68 8/69 -	2.0 4.0 (S) -	0 0 0	43 5 0	43 5 0	15 9 1	
A/S Regnecentralen Copenhagen, Denmark (A) (Apr. 1971)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	40 16	40 16	0 3	
Elbit Computers Ltd. Haifa, Israel (A) (Feb. 1971)	Elbit-100	10/67	4.9 (S)	-	-	225	50	
GEC-AEI Automation Ltd. New Parks, Leicester, England (R) (Jan. 1969)	Series 90-2/10/20 25/30/40/300 S-Two 130 330 959 1010 1040 CON/PAC 4020 CON/PAC 4040 CON/PAC 4060	1/66 3/68 12/64 3/64 -/65 12/61 7/63 - 5/66 12/66	- - - - - - - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	13 1 2 9 1 8 1 0 9 5	X X X X X X X X - - -	
International Computers, Ltd. (ICL) London, England (A) (Apr. 1971)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 1950 160 150	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 1950 160 150	X X X X X X X X X X X X X X X X C C C	
							Total:	400
Japanese Mfrs. (N) (Sept. 1970)	(Mfrs. of various models include: Nippon Electric Co., Fujitsu, Hitachi, Ltd., Toshiba, Oki Electric Industry Co., and Mitsubishi Electric Corp.)					Total:	Total:	
						4150 E	800E	
Marconi Co., Ltd. Chelmsford, Essex, England (A) (Jan. 1970)	Myriad I Myriad II	3/66 10/67	£36.0-£66.0 (S) £22.0-£42.5 (S)	0 0	37 17	37 17	9 12	
N.V. Philips Electrológica Apeldoorn, The Netherlands (A) (Apr. 1971)	P1000 P9200 P9200 t.s. P800 ELX1 ELX2/8 DS714 PR8000	8/68 3/68 3/70 9/70 5/58 3/65 -/67 1/66	7.2-35.8 - - - 12.0 6-21 - -	- - - - - - - -	- - - - - - - -	48 269 4 9 22 27 27 23	70 50 3 55 - - 8 -	
Redifon Limited Crawley, Sussex, England (A) (Apr. 1971)	R2000	7/70	-	0	10	10	6	
Saab-Scania Aktiebolag Linköping, Sweden (A) (Mar. 1971)	D21 D22 D220	12/62 11/68 4/69	7.0 15.0 10.0	0 0 0	38 22 10	38 22 10	- 4 5	
Selenia S.p.A. Roma, Italy (A) (Mar. 1971)	GP-16 GP-16R	7/69 6/70	10.9 (S) 8.0 (S)	0 0	44 1	44 1	20 1	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS		NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	
Siemens	301	11/68	0.75	-	-	82 C
Munich, Germany	302	9/67	1.3	-	-	28 C
(A)	303	4/65	2.0	-	-	70 C
(Apr. 1971)	304	5/68	2.8	-	-	61 C
	305	11/67	4.5	-	-	93 C
	306	-	6.5	-	-	- C
	2002	6/59	13.5	-	-	39 C
	3003	12/63	13.0	-	-	31 C
	4004/15/16	10/65	5.0	-	-	100 C
	4004/25/26	1/66	8.3	-	-	53 C
	4004/35	2/67	11.8	-	-	182 C
	4004/135	-	17.1	-	-	- C
	4004/45	7/66	22.5	-	-	242 C
	4004/46	4/69	34.0	-	-	10 C
	4004/55	12/66	31.3	-	-	22 C
	4004/150	-	41.0	-	-	- C
	4004/151	-	51.5	-	-	- C
	404/3	-	1.9	-	-	- C
	404/6	11/69	4.1	-	-	6 C
						Total: 298
USSR	BESM 4	-	-	-	-	C C
(N)	BESM 6	-	-	-	-	C C
(May 1969)	MINSK 2	-	-	-	-	C C
	MINSK 22	-	-	-	-	C C
	MIR	-	-	-	-	C C
	NAIR 1	-	-	-	-	C C
	ONEGA 1	-	-	-	-	C C
	ONEGA 2	-	-	-	-	C C
	URAL 11/14/16 and others	-	-	-	-	C C
						Total: 6000 E
						Total: 2000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF JUNE 15, 1971

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part I. United States Manufacturers							
Autonetics	RECOMP II	11/58	2.5	30	0	30	X
	RECOMP III	6/61	1.5	6	0	6	X
Bailey Meter Co. Wickliffe, Ohio (A) (6/71)	Bailey 750	6/60	40-250 (S)	32	3	35	0
	Bailey 755	11/61	200-600 (S)	6	0	6	0
	Bailey 756	2/65	60-400 (S)	13	5	18	6
	Bailey 855	4/68	100-1000 (S)	8	0	8	17
Bunker-Ramo Corp. Westlake Village, Calif. (A) (6/71)	BR-130	10/61	2.0	160	-	-	X
	BR-133	5/64	2.4	79	-	-	X
	BR-230	8/63	2.7	15	-	-	X
	BR-300	3/59	3.0	18	-	-	X
	BR-330	12/60	4.0	19	-	-	X
	BR-340	12/63	7.0	19	-	-	X
Burroughs Detroit, Mich. (N) (1/69-5/69)	BR-1018	6/71	23.0 (S)	-	-	-	-
	205	1/54	4.6	25-38	2	27-40	X
	220	10/58	14.0	28-31	2	30-33	X
	B100/B500	7/65	2.8-9.0	-	-	-	-
	B2500	2/67	5.0	52-57	12	64-49	117
	B3500	5/67	14.0	44	18	62	190
	B5500	3/63	23.5	65-74	7	72-81	8
	B6500	2/68	33.0	4	-	4	60
	B7500	4/69	44.0	-	-	-	13
Computer Automation, Inc. Newport Beach, Calif. (A) (6/71)	B8500	8/67	200.0	1	-	1	5
	108/208/808	66/68	5.0 (S)	165	10	175	110
116/216/816	3/69	8.0 (S)	215	20	235	225	
Control Data Corp Minneapolis, Minn. (R) (6/71)	G15	7/55	1.6	-	-	295	X
	G20	4/61	15.5	-	-	20	X
	LGP-21	12/62	0.7	-	-	165	X
	LGP-30	9/56	1.3	-	-	322	X
	RPS4000	1/61	1.9	-	-	75	X
	636/136/046 Series	-	-	-	-	29	-
	160/8090 Series	5/60	2.1-14.0	-	-	610	X
	924/924-A	8/61	11.0	-	-	29	X
	1604/A/B	1/60	45.0	-	-	59	X
	1700/SC	5/66	3.8	-	-	400-450	0
	3100/3150	5/64	10-16	-	-	83-110	C
	3200	5/64	13.0	-	-	55-60	C
	3300	9/65	20-38	-	-	200	C
	3400	11/64	18.0	-	-	20	C
	3500	8/68	25.0	-	-	15	C
	3600	6/23	52.0	-	-	40	C
3800	2/66	53.0	-	-	20	C	
6400/6500	8/64	58.0	-	-	105	C	
6600	8/64	115.0	-	-	85	C	
6700	6/67	130.9	-	-	5	C	
7600	12/68	235.0	-	-	5	C	
							Total: 160 E
Data General Corp. Southboro, Mass. (A) (4/71)	NOVA	2/69	8.0 (S)	-	-	813	-
	SUPERNOVA	5/70	9.6 (S)	-	-	102	-
	NOVA 1200	12/71	5.4 (S)	-	-	100	-
	NOVA 800	3/71	6.9 (S)	-	-	-	-
	SUPERNOVA SC	6/71	11.9 (S)	-	-	-	-
Datacraft Corp. Ft. Lauderdale, Fla. (A) (6/71)	6024/1	5/69	54-300 (S)	12	0	12	3
	6024/3	2/70	33-200 (S)	42	6	48	46
	6024/5	12/71	16-50 (S)	0	0	0	5
Digiatic Corp. Plainview, N.Y. (A) (3/71)	Digiatic 3060	1/70	9.0 (S)	30	-	-	5
	Digiatic 3080	12/64	19.5 (S)	16	-	-	0
	Digiatic 3080C	10/67	25.0 (S)	7	-	-	1
Digital Computer Controls, Inc. Fairfield, N.J. (A) (6/71)	D-112	8/70	10.0 (S)	90	10	100	300
Digital Equipment Corp. Maynard, Mass. (A) (2/71)	PDP-1	11/60	3.4	48	2	50	X
	PDP-4	8/62	1.7	40	5	45	X
	PDP-5	9/63	0.9	90	10	100	X

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Digital Equipment Corp. (cont'd)	PDP-6	10/64	0.5	C	C	23	X
	PDP-7	11/64	0.4	C	C	160	X
	PDP-8	4/65	0.3	C	C	1440	C
	PDP-8/1	3/68	0.4	C	C	3698	C
	PDP-8/S	9/66	0.3	C	C	1024	C
	PDP-8/L	11/68	-	C	C	3902	C
	PDP-9	12/66	1.1	C	C	436	C
	PDP-9L	11/68	-	C	C	48	C
	PDP-10	12/67	8.0	C	C	145	C
	PDP-11	3/70	10.5	(S) C	C	546	C
	PDP-12	9/69	-	C	C	475	C
	PDP-15	-/69	17.0	6	C	15	C
	LINC-8	9/66	-	C	C	142	C
Electronic Associates Inc.	640	4/67	1.2	95	60	155	6
Long Branch, N.J. (A) (6/71)	8400	7/67	12.0	20	6	26	1
EMR Computer	EMR 6020	4/65	5.4	C	-	-	C
Minneapolis, Minn.	EMR 6040	7/65	6.6	C	-	-	C
(A)	EMR 6050	2/66	9.0	C	-	-	C
(2/71)	EMR 6070	10/66	15.0	C	-	-	C
	EMR 6130	8/67	5.0	C	-	-	C
	EMR 6135	-	2.6	-	-	-	-
	EMR 6155	-	-	-	-	-	-
							Total: 1350 E
General Automation, Inc.	SPC-12	1/68	-	-	-	900	-
Anaheim, Calif.	SPC-16	5/70	-	-	-	70	-
(R) (6/71)	System 18/30	7/69	-	-	-	70	-
General Electric	GE-PAC 3010	5/70	2.0	2	0	2	15
West Lynn, Mass.	GE-PAC 4010	10/70	6.0	5	0	5	23
(Process Control Computers)	GE-PAC 4020	2/67	6.0	181	51	232	50
(A)	GE-PAC 4040	8/64	3.0	45	20	65	X
(6/71)	GE-PAC 4050	12/66	7.0	23	2	25	X
	GE-PAC 4060	6/65	2.0	18	2	20	X
Hewlett Packard	2114A, 2114B	10/68	0.25	-	-	1130	-
Cupertino, Calif.	2115A	11/67	0.41	-	-	326	-
(A) (6/71)	2116A, 2116B, 2116C	11/66	0.6	-	-	705	-
Honeywell Information Systems	G58	5/70	1.0	-	-	-	-
Wellesley Hills, Mass.	G105A	6/69	1.3	-	-	-	-
(A) (2/71)	G105B	6/69	1.4	-	-	-	-
	G105RTS	7/69	1.2	-	-	-	-
	G115	4/66	2.2	200-400	420-680	620-1080	-
	G120	3/69	2.9	-	-	-	-
	G130	12/68	4.5	-	-	-	-
	G205	6/64	2.9	11	0	11	-
	G210	7/60	16.0	35	0	35	-
	G215	9/63	6.0	15	1	16	-
	G225	4/61	8.0	145	15	160	-
	G235	4/64	12.0	40-60	17	57-77	-
	G245	11/68	13.0	3	-	3	-
	G255 T/S	10/67	17.0	15-20	-	15-20	-
	G265 T/S	10/65	20.0	45-60	15-30	60-90	-
	G275 T/S	11/68	23.0	-	-	10	-
	G405	2/68	6.8	10-40	5	15-45	-
	G410 T/S	11/69	11.0	-	-	-	-
	G415	5/64	7.3	170-300	70-100	240-400	-
	G420 T/S	6/67	23.0	-	-	-	-
	G425	6/64	9.6	50-100	20-30	70-130	-
	G430 T/S	6/69	17.0	-	-	-	-
	G435	9/65	14.0	20	6	26	-
	G440 T/S	7/69	25.0	-	-	-	-
	G615	3/68	32.0	-	-	-	-
	G625	4/65	43.0	23	3	26	-
	G635	5/65	47.0	20-40	3	23-43	-
	G655	12/70	80.0	-	-	-	-
	H-110	8/68	2.7	180	75	255	0
	H-115	6/70	3.5	30	-	30	-
	H-120	1/66	4.8	800	160	960	-
	H-125	12/67	7.0	150	220	370	-
	H-200	3/64	7.5	800	275	1075	-
	H-400	12/61	10.5	46	40	86	X
	H-800	12/60	30.0	58	15	73	X
	H-1200	2/66	9.8	230	90	325	-
	H-1250	7/68	12.0	130	55	185	-
	H-1400	1/64	14.0	4	6	10	X
	H-1800	1/64	50.0	15	5	20	X
	H-2200	1/66	18.0	125	60	185	-
	H-3200	2/70	24.0	20	2	22	-
	H-4200	8/68	32.5	18	2	20	-
	H-8200	12/68	50.0	10	3	14	-
	DDP-24	5/63	2.65	-	-	90	X
	DDP-116	4/65	0.9	-	-	250	-
	DDP-124	3/66	2.2	-	-	250	-
	DDP-224	3/65	3.5	-	-	60	-
	DDP-316	6/69	0.6	-	-	450	-
	DDP-416	-	-	-	-	350	-
	DDP-516	9/66	1.2	-	-	900	-
	H112	10/69	-	-	-	75	-
	H632	12/68	3.2	-	-	12	-
	H1602	-	-	-	-	-	-
	H1642	-	-	-	-	-	-
	H1644	-	-	-	-	-	-
	H1646	-	-	-	-	-	-
	H1648	11/68	12.0	-	-	20	-
	H1648A	-	-	-	-	-	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
IBM White Plains, N.Y. (N) (D) (1/69-5/69)	System/3 Model 6	3/71	1.0	-	-	-	-
	System/3 Model 10	1/70	1.1	-	-	-	-
	System/7	11/71	0.35 and up	-	-	-	-
	305	12/57	3.6	40	15	55	-
	650	10/67	4.8	50	18	68	-
	1130	2/66	1.5	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 I, II	9/60	4.1	285	186	471	-
	1800	1/66	5.1	415	148	563	-
	7010	10/63	26.0	67	17	81	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	2	-
	7044	6/63	36.5	28	13	41	-
	705	11/55	38.0	18	3	21	-
	7020, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-
	7080	8/61	60.0	13	2	15	-
	7090	11/59	63.5	4	2	6	-
	7094-I	9/62	75.0	10	4	14	-
	7094-II	4/64	83.0	6	4	10	-
	360/20	12/65	2.7	4690	3276	7966	-
	360/25	1/68	5.1	0	4	4	-
	360/30	5/65	10.3	4075	3144	8219	-
	360/40	4/65	19.3	1260	498	1758	-
	360/44	7/66	11.8	65	13	78	-
	360/50	8/65	29.1	480	109	589	-
	360/65	11/65	57.2	175	31	206	-
	360/67	10/65	133.8	9	4	13	-
	360/75	2/66	66.9	14	3	17	-
360/85	12/69	150.3	-	-	-	-	
360/90	11/67	(S)	5	-	5	-	
370/135	5/72	14.4	-	-	-	-	
370/145	9/71	23.3	-	-	-	-	
370/155	2/71	48.0	-	-	-	-	
370/165	5/71	98.7	-	-	-	-	
360/195	4/71	232.0	-	-	-	-	
Interdata	Model	12/70	3.7	45	10	55	70
Oceanport, N.J. (A) (6/71)	Model 3	5/67	-	N/A	-	200	X
	Model 4	8/68	8.5	200	100	300	90
	Model 5	11/70	10.5	25	15	40	50
	Model 15	1/69	20.0	40	24	64	13
NCR	304	1/60	14.0	15	2	17	X
Dayton, Ohio (A) (6/71)	310	5/61	2.5	8	0	8	X
	315	5/62	7.0	425	300	725	-
	315 RMC	9/65	9.0	125	50	175	-
	390	5/61	0.8	325	500	825	-
	500	10/65	1.0	1000	1700	2700	-
	Century 50	3/71	1.6	10	-	10	-
	Century 100	9/68	2.7	1350	425	1775	-
	Century 200	6/69	7.7	400	125	525	-
	Century 300	2/72	20.0	0	0	0	-
Philco	1000	6/63	7.0	16	-	-	X
Willow Grove, Pa. (N) (1/69)	200-210,211	10/58	40.0	16	-	-	X
	2000-212	1/63	52.0	12	-	-	X
RCA	301	2/63	7.0	140-290	100-130	240-420	-
Cherry Hill, N.J. (N) (5/69)	501	6/59	14.0-18.0	22-50	1	23-51	-
	601	11/62	14.0-35.0	2	0	2	-
	3301	7/64	17.0-35.0	24-60	1-5	25-65	-
	Spectra 70/15	9/65	4.3	90-110	35-60	125-170	-
	Spectra 70/25	9/65	6.6	68-70	18-25	86-95	-
	Spectra 70/35	1/67	9.2	65-100	20-50	85-150	-
	Spectra 70/45	11/65	22.5	84-180	21-55	105-235	-
	Spectra 70/46	-	33.5	1	0	1	-
	Spectra 70/55	11/66	34.0	11	1	12	-
Raytheon	250	12/60	1.2	115	20	175	X
Santa Ana, Calif. (A) (6/71)	440	3/64	3.6	20	-	20	X
	520	10/65	3.2	26	1	27	X
	703	10/67	12.5 (S)	172	31	203	2
	704	3/70	8.0 (S)	64	16	80	32
	706	5/69	19.0 (S)	55	14	69	3
Scientific Control Corp. Dallas, Texas (A) (6/70)	650	5/66	0.5	23	0	23	X
	655	10/66	2.1	137	0	137	0
	660	10/65	2.1	41	0	41	0
	670	5/66	2.7	1	0	1	X
	4700	4/69	1.8	19	0	19	4
	DCT-132	5/69	0.9	45	0	45	23
Standard Computer Corp. Los Angeles, Calif. (A) (6/71)	IC 4000	12/68	9.0	9	0	8	4
	IC 6000	5/67	16.0	9	0	9	-
	IC 7000	8/70	17.0	5	0	4	4
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (6/70)	810	9/65	1.1	24	0	24	X
	810A	8/66	0.9	111	5	216	32
	810B	9/68	1.2	75	1	76	26
	840	11/65	1.5	3	0	3	X
	840A	8/66	1.5	36	2	38	X
	840MP	1/68	2.0	31	0	31	2
	Systems 86	-	10.0	0	0	0	2
UNIVAC Div. of Sperry Rand New York, N.Y. (A) (6/71)	I & II	3/51 & 11/57	25.0	23	-	-	X
	III	8/62	21.0	25	6	31	X
	File Computers	8/56	15.0	13	-	-	X

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
UNIVAC (Cont'd.)	Solid-State 80 I,II, 90, I, II, & Step	8/58	8.0	210	-	-	X	
	418	6/63	11.0	76	36	112	20 E	
	490 Series	12/61	30.0	75	11	86	35 E	
	1004	2/63	1.9	150]	628	2130	20 E	
	1005	4/66	2.4	637	299	936	90 E	
	1050	9/63	8.5	138	62	200	10 E	
	1100 Series (except 1107, 1108)	12/50	35.0	9	0	9	X	
	1107	10/62	57.0	8	3	11	X	
	1108	9/65	68.0	87	114	56	75 E	
	9200	6/67	1.5	1051	822	175	850 E	
	9300	9/67	3.4	387	49	144	550 E	
	9400	5/69	7.0	8	0	3	60 E	
	LARC	5/60	135.0	2	0	2	-	
	Varian Data Machines Newport Beach, Calif. (A) (6/71)	620	11/65	-	-	-	75	X
		620i	6/67	-	-	-	1300	400
		R-260i	4/69	-	-	-	50	30
		520i	10/68	0.4	-	-	150	330
520/DC		12/69	1.6	-	-	25	25	
620/f		11/70	0.5	-	-	7	125	
620/L		4/71	-	3	-	-	200	
Xerox Data Systems El Segundo, Calif. (R) (2/71)	XDS-92	4/65	1.5	10-60	2	12-62	-	
	XDS-910	8/62	2.0	150-170	7-10	157-180	-	
	XDS-920	9/62	2.9	93-120	5-12	98-132	-	
	XDS-925	12/64	3.0	20	1	21	-	
	XDS-930	6/64	3.4	159	14	173	-	
	XDS-940	4/66	14.0	28-35	0	28-35	-	
	XDS-9300	11/64	8.5	21-25	1	22-26	-	
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-	
	Sigma 3	12/69	2.0	10	0	10	-	
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-	
	Sigma 6	6/70	12.0	-	-	-	-	
	Sigma 7	12/66	12.0	24-35	5-9	29-44	-	
	Sigma 9	-	35.0	-	-	-	-	

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF JULY 15, 1971

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Part II. Manufacturers Outside United States								
A/S Norsk Data Elektronnikk Oslo, Norway (A) (July 1971)	NORD-1 NORD-2B NORD-5	8/68 8/69 -	2.0 4.0 (S) -	0 0 0	52 5 0	43 5 0	31 10 1	
A/S Regnecentralen Copenhagen, Denmark (A) (Apr. 1971)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	40 16	40 16	0 3	
Elbit Computers Ltd. Haifa, Israel (A) (Feb. 1971)	Elbit-100	10/67	4.9 (S)	-	-	225	50	
GEC-AEI Automation Ltd. New Parks, Leicester, England (R) (Jan. 1969)	Series 90-2/10/20 25/30/40/300 S-Two 130 330 959 1010 1040 CON/PAC 4020 CON/PAC 4040 CON/PAC 4060	1/66 3/68 12/64 3/64 -/65 12/61 7/63 - 5/66 12/66	- - - - - - - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	13 1 2 9 1 8 1 0 9 5	X X X X X X X X - - -	
International Computers, Ltd. (ICL) London, England (A) (July 1971)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 2000 160 160	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 2000 160 160	X X X X X X X X X X X X X X X X X X X X	
							Total:	400
Japanese Mfrs. (N) (Sept. 1970)	(Mfrs. of various models include: Nippon Electric Co., Fujitsu, Hitachi, Ltd., Toshiba, Oki Electric Industry Co., and Mitsubishi Electric Corp.)					Total:	Total:	
						4150 E	800 E	
Marconi Co., Ltd. Chelmsford, Essex, England (A) (Jan. 1970)	Myriad I Myriad II	3/66 10/67	£36.0-£66.0 £22.0-£42.5	(S) (S)	0 17	37 17	9 12	
N.V. Philips Electrologica Apeldoorn, The Netherlands (A) (July 1971)	P1000 P9200 P9200 t.s. P800 ELX1 ELX2/8 DS714 PR8000	8/68 3/68 3/70 9/70 5/58 3/65 -/67 1/66	7.2-35.8 - - - 12.0 6-21 - -	- - - - - - - -	- - - - - - - -	60 300 4 9 22 27 27 23	60 50 3 60 - - 8 -	
Redifon Limited Crawley, Sussex, England (A) (Apr. 1971)	R2000	7/70	-	-	0	10	6	
Saab-Scania Aktiebolag Linköping, Sweden (A) (Mar. 1971)	D21 D22 D220	12/62 11/68 4/69	7.0 15.0 10.0	- - -	0 0 0	38 22 10	- 4 5	
Selenia S.p.A. Roma, Italy (A) (July 1971)	GP-16	7/69	10.9	(S)	0	71	26	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens	301	11/68	0.75	-	-	82	C
Munich, Germany	302	9/67	1.3	-	-	28	C
(A)	303	4/65	2.0	-	-	70	C
(Apr. 1971)	304	5/68	2.8	-	-	61	C
	305	11/67	4.5	-	-	93	C
	306	-	6.5	-	-	-	C
	2002	6/59	13.5	-	-	39	C
	3003	12/63	13.0	-	-	31	C
	4004/15/16	10/65	5.0	-	-	100	C
	4004/25/26	1/66	8.3	-	-	53	C
	4004/35	2/67	11.8	-	-	182	C
	4004/135	-	17.1	-	-	-	C
	4004/45	7/66	22.5	-	-	242	C
	4004/46	4/69	34.0	-	-	10	C
	4004/55	12/66	31.3	-	-	22	C
	4004/150	-	41.0	-	-	-	C
	4004/151	-	51.5	-	-	-	C
	404/3	-	1.9	-	-	-	C
	404/6	11/69	4.1	-	-	6	C
						Total: 298	
USSR	BESM 4	-	-	-	-	C	C
(N)	BESM 6	-	-	-	-	C	C
(May 1969)	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIR	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	ONEGA 2	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C
						Total: 6000 E	Total: 2000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF AUGUST 15, 1971

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL		NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
			\$ (000)		In U.S.A.	Outside U.S.A.	In World	
Part I. United States Manufacturers								
Autonetics	RECOMP II	11/58	2.5		30	0	30	X
Anaheim, Calif. (R) (1/69)	RECOMP III	6/61	1.5		6	0	6	X
Bailey Meter Co.	Bailey 750	6/60	40-250	(S)	32	3	35	0
Wickliffe, Ohio	Bailey 755	11/61	200-600	(S)	6	0	6	0
(A) (8/71)	Bailey 756	2/65	60-400	(S)	16	6	22	2
	Bailey 855/15	-	50-400	(S)	0	0	0	2
	Bailey 855/25	4/68	100-1000	(S)	11	0	11	3
	Bailey 855/50	-	100-1000	(S)	0	0	0	12
Bunker-Ramo Corp.	BR-130	10/61	2.0		160	-	-	X
Westlake Village, Calif.	BR-133	5/64	2.4		79	-	-	X
(A)	BR-230	8/63	2.7		15	-	-	X
(7/71)	BR-300	3/59	3.0		18	-	-	X
	BR-330	12/60	4.0		19	-	-	X
	BR-340	12/63	7.0		19	-	-	X
	BR-1018	6/71	23.0	(S)	-	-	-	-
Burroughs	205	1/54	4.6		25-38	2	27-40	X
Detroit, Mich.	220	10/58	14.0		28-31	2	30-33	X
(N)	B100/B500	7/65	2.8-9.0		-	-	-	-
(1/69-5/69)	B2500	2/67	5.0		52-57	12	64-69	117
	B3500	5/67	14.0		44	18	62	190
	B5500	3/63	23.5		65-74	7	72-81	8
	B6500	2/68	33.0		4	-	4	60
	B7500	4/69	44.0		-	-	-	13
	B8500	8/67	200.0		1	-	1	5
Computer Automation, Inc.	108/208/808	6/68	5.0	(S)	165	10	175	110
Newport Beach, Calif.	116/216/816	3/69	8.0	(S)	215	20	235	225
(A) (6/71)								
Control Data Corp	G15	7/55	1.6		-	-	295	X
Minneapolis, Minn.	G20	4/61	15.5		-	-	20	X
(R)	LGP-21	12/62	0.7		-	-	165	X
(7/71)	LGP-30	9/56	1.3		-	-	322	X
	RPC4000	1/61	1.9		-	-	75	X
	636/136/046 Series	-	-		-	-	29	-
	160/8090 Series	5/60	2.1-14.0		-	-	610	X
	924/924-A	8/61	11.0		-	-	29	X
	1604/A/B	1/60	45.0		-	-	59	X
	1700/SC	5/66	3.8		-	-	425-475	0
	3100/3150	5/64	10-16		-	-	83-110	C
	3200	5/64	13.0		-	-	55-60	C
	3300	9/65	20-38		-	-	205	C
	3400	11/64	18.0		-	-	15	C
	3500	8/68	25.0		-	-	15	C
	3600	6/63	52.0		-	-	40	C
	3800	2/66	53.0		-	-	20	C
	6400/6500	8/64	58.0		-	-	108	C
	6600	8/64	115.0		-	-	85	C
	6700	6/67	130.9		-	-	5	C
	7600	12/68	235.0		-	-	8	C
								Total:
								160 E
Data General Corp.	NOVA	2/69	8.0	(S)	-	-	911	-
Southboro, Mass.	SUPERNOVA	5/70	9.6	(S)	-	-	169	-
(A) (8/71)	NOVA 1200	12/71	5.4	(S)	-	-	502	-
	NOVA 800	3/71	6.9	(S)	-	-	56	-
	SUPERNOVA SC	6/71	11.9	(S)	-	-	15	-
Datacraft Corp.	6024/1	5/69	54-300	(S)	12	0	12	3
Ft. Lauderdale, Fla.	6024/3	2/70	33-200	(S)	42	6	48	46
(A) (6/71)	6024/5	12/71	16-50	(S)	0	0	0	5
Digiac Corp.	Digiac 3060	1/70	9.0	(S)	45	-	-	7
Plainview, N.Y.	Digiac 3080	12/64	19.5	(S)	16	-	-	0
(A) (7/71)	Digiac 3080C	10/67	25.0	(S)	8	-	-	1
Digital Computer Controls, Inc.	D-112	8/70	10.0	(S)	115	15	130	300
Fairfield, N.J. (A) (7/71)								
Digital Equipment Corp.	PDP-1	11/60	3.4		48	2	50	X
Maynard, Mass.	PDP-4	8/62	1.7		40	5	45	X
(A) (2/71)	PDP-5	9/63	0.9		90	10	100	X

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Digital Equipment Corp. (cont'd)	PDP-6	10/64	0.5	C	C	23	X	
	PDP-7	11/64	0.4	C	C	160	X	
	PDP-8	4/65	0.3	C	C	1440	C	
	PDP-8/1	3/68	0.4	C	C	3698	C	
	PDP-8/S	9/66	0.3	C	C	1024	C	
	PDP-8/L	11/68	-	C	C	3902	C	
	PDP-9	12/66	1.1	C	C	436	C	
	PDP-9L	11/68	-	C	C	48	C	
	PDP-10	12/67	8.0	C	C	145	C	
	PDP-11	3/70	10.5	(S)	C	546	C	
	PDP-12	9/69	-	C	C	475	C	
	PDP-15	-/69	17.0	C	C	377	C	
	LINC-8	9/66	-	C	C	134	C	
								Total:
								1350 E
Electronic Associates Inc.	640	4/67	1.2	100	60	160	6	
Long Branch, N.J. (A) (7/71)	8400	7/67	12.0	21	6	27	0	
EMR Computer	EMR 6020	4/65	5.4	C	-	-	C	
Minneapolis, Minn.	EMR 6040	7/65	6.6	C	-	-	C	
(A)	EMR 6050	2/66	9.0	C	-	-	C	
(2/71)	EMR 6070	10/66	15.0	C	-	-	C	
	EMR 6130	8/67	5.0	C	-	-	C	
	EMR 6135	-	2.6	-	-	-	-	
	EMR 6155	-	-	-	-	-	-	
							Total:	
							1350 E	
General Automation, Inc.	SPC-12	1/68	-	-	-	900	-	
Anaheim, Calif.	SPC-16	5/70	-	-	-	70	-	
(R) (7/71)	System 18/30	7/69	-	-	-	70	-	
General Electric	GE-PAC 3010	5/70	2.0	2	0	2	16	
West Lynn, Mass.	GE-PAC 4010	10/70	6.0	7	0	7	30	
(Process Control Computers)	GE-PAC 4020	2/67	6.0	186	52	238	46	
(A)	GE-PAC 4040	8/64	3.0	45	20	65	X	
(8/71)	GE-PAC 4050	12/66	7.0	23	2	25	X	
	GE-PAC 4060	6/65	2.0	18	2	20	X	
Hewlett Packard	2114A, 2114B	10/68	0.25	-	-	1182	-	
Cupertino, Calif.	2115A	11/67	0.41	-	-	333	-	
(A) (8/71)	2116A, 2116B, 2116C	11/66	0.6	-	-	1171	-	
Honeywell Information Systems	G58	5/70	1.0	-	-	-	-	
Wellesley Hills, Mass.	G105A	6/69	1.3	-	-	-	-	
(A) (2/71)	G105B	6/69	1.4	-	-	-	-	
	G105RTS	7/69	1.2	-	-	-	-	
	G115	4/66	2.2	200-400	420-680	620-1080	-	
	G120	3/69	2.9	-	-	-	-	
	G130	12/68	4.5	-	-	-	-	
	G205	6/64	2.9	11	0	11	-	
	G210	7/60	16.0	35	0	35	-	
	G215	9/63	6.0	15	1	16	-	
	G225	4/61	8.0	145	15	160	-	
	G235	4/64	12.0	40-60	17	57-77	-	
	G245	11/68	13.0	3	-	3	-	
	G255 T/S	10/67	17.0	15-20	-	15-20	-	
	G265 T/S	10/65	20.0	45-60	15-30	60-90	-	
	G275 T/S	11/68	23.0	-	-	10	-	
	G405	2/68	6.8	10-40	5	15-45	-	
	G410 T/S	11/69	11.0	-	-	-	-	
	G415	5/64	7.3	170-300	70-100	240-400	-	
	G420 T/S	6/67	23.0	-	-	-	-	
	G425	6/64	9.6	50-100	20-30	70-130	-	
	G430 T/S	6/69	17.0	-	-	-	-	
	G435	9/65	14.0	20	6	26	-	
	G440 T/S	7/69	25.0	-	-	-	-	
	G615	3/68	32.0	-	-	-	-	
	G625	4/65	43.0	23	3	26	-	
	G635	5/65	47.0	20-40	3	23-43	-	
	G655	12/70	80.0	-	-	-	-	
	H-110	8/68	2.7	180	75	255	0	
	H-115	6/70	3.5	30	-	30	-	
	H-120	1/66	4.8	800	160	960	-	
	H-125	12/67	7.0	150	220	370	-	
	H-200	3/64	7.5	800	275	1075	-	
	H-400	12/61	10.5	46	40	86	X	
	H-800	12/60	30.0	58	15	73	X	
	H-1200	2/66	9.8	230	90	320	-	
	H-1250	7/68	12.0	130	55	185	-	
	H-1400	1/64	14.0	4	6	10	X	
	H-1800	1/64	50.0	15	5	20	X	
	H-2200	1/66	18.0	125	60	185	-	
	H-3200	2/70	24.0	20	2	22	-	
	H-4200	8/68	32.5	18	2	20	-	
	H-8200	12/68	50.0	10	3	13	-	
	DDP-24	5/63	2.65	-	-	90	X	
	DDP-116	4/65	0.9	-	-	250	-	
	DDP-124	3/66	2.2	-	-	250	-	
	DDP-224	3/65	3.5	-	-	60	-	
	DDP-316	6/69	0.6	-	-	450	-	
	DDP-416	-	-	-	-	350	-	
	DDP-516	9/66	1.2	-	-	900	-	
	H112	10/69	-	-	-	75	-	
	H632	12/68	3.2	-	-	12	-	
	H1602	-	-	-	-	-	-	
	H1642	-	-	-	-	-	-	
	H1644	-	-	-	-	-	-	
	H1646	-	-	-	-	-	-	
	H1648	11/68	12.0	-	-	20	-	
	H1648A	-	-	-	-	-	-	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$000)	NUMBER OF INSTALLATIONS	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
					In U.S.A.	Outside U.S.A.	In World	
IBM White Plains, N.Y. (N) (D) (1/69-5/69)	System/3 Model 6	3/71	1.0	-	-	-	-	
	System/3 Model 10	1/70	1.1	-	-	-	-	
	System/7	11/71	0.35 and up	-	-	-	-	
	305	12/57	3.6	40	15	55	-	
	650	10/67	4.8	50	18	68	-	
	1130	2/66	1.5	2580	1227	3807	-	
	1401	9/60	5.4	2210	1836	4046	-	
	1401-G	5/64	2.3	420	450	870	-	
	1401-H	6/67	1.3	180	140	320	-	
	1410	11/61	17.0	156	116	272	-	
	1440	4/63	4.1	1690	1174	2864	-	
	1460	10/63	10.0	194	63	257	-	
	1620 I, II	9/60	4.1	285	186	471	-	
	1800	1/66	5.1	415	148	563	-	
	7010	10/63	26.0	67	17	84	-	
	7030	5/61	160.0	4	1	5	-	
	704	12/55	32.0	12	1	13	-	
	7040	6/63	25.0	35	27	62	-	
	7044	6/63	36.5	28	13	41	-	
	705	11/55	38.0	18	3	21	-	
	7020, 2	3/60	27.0	10	3	13	-	
	7074	3/60	35.0	44	26	70	-	
	7080	8/61	60.0	13	2	15	-	
	7090	11/59	63.5	4	2	6	-	
	7094-I	9/62	75.0	10	4	14	-	
	7094-II	4/64	83.0	6	4	10	-	
	360/20	12/65	2.7	4690	3276	7966	-	
	360/25	1/68	5.1	0	4	4	-	
	360/30	5/65	10.3	4075	3144	7219	-	
	360/40	4/65	19.3	1260	498	1758	-	
	360/44	7/66	11.8	65	13	78	-	
	360/50	8/65	29.1	480	109	589	-	
	360/65	11/65	57.2	175	31	206	-	
	360/67	10/65	133.8	9	4	13	-	
	360/75	2/66	66.9	14	3	17	-	
360/85	12/69	150.3	-	-	-	-		
360/90	11/67	(S)	5	-	5	-		
370/135	5/72	14.4	-	-	-	-		
370/145	7/71	23.3	-	-	-	-		
370/155	2/71	48.0	-	-	-	-		
370/165	5/71	98.7	-	-	-	-		
370/195	4/71	232.0	-	-	-	-		
Interdata Oceanport, N.J. (A) (6/71)	Model 1	12/70	3.7	45	10	55	70	
	Model 3	5/67	-	N/A	-	200	X	
	Model 4	8/68	8.5	200	100	300	90	
	Model 5	11/70	10.5	25	15	40	50	
	Model 15	1/69	20.0	40	24	64	13	
NCR Dayton, Ohio (A) (7/71)	304	1/60	10.0	10	2	12	X	
	310	5/61	1.0	8	0	8	X	
	315	5/62	7.0	350	375	725	-	
	315 RMC	9/65	9.0	125	50	175	-	
	390	5/61	0.8	290	440	730	-	
	500	10/65	1.0	1100	1800	2900	-	
	Century 50	2/71	1.6	75	-	75	-	
	Century 100	9/68	2.6	1400	450	1850	-	
	Century 200	6/69	7.5	405	155	560	-	
	Century 300	2/72	20.0	0	0	0	-	
Philco Willow Grove, Pa. (N) (1/69)	1000	6/63	7.0	16	-	-	X	
	200-210, 211	10/58	40.0	16	-	-	X	
	2000-212	1/63	52.0	12	-	-	X	
RCA Cherry Hill, N.J. (N) (5/69)	301	2/61	7.0	140-290	100-130	240-420	-	
	501	6/59	14.0-18.0	22-50	1	23-51	-	
	601	11/62	14.0-35.0	2	0	2	-	
	3301	7/64	17.0-35.0	24-60	1-5	25-65	-	
	Spectra 70/15	9/65	4.3	90-110	35-60	125-170	-	
	Spectra 70/25	9/65	6.6	68-70	18-25	86-95	-	
	Spectra 70/35	1/67	9.2	65-100	20-50	85-150	-	
	Spectra 70/45	11/65	22.5	84-180	21-55	105-235	-	
	Spectra 70/46	-	33.5	1	0	1	-	
	Spectra 70/55	11/66	34.0	11	1	12	-	
Raytheon Santa Ana, Calif. (A) (7/71)	250	12/60	1.2	115	20	135	X	
	440	3/64	3.6	20	-	20	X	
	520	10/65	3.2	26	1	27	X	
	703	10/67	12.5	172	31	203	2	
	704	3/70	8.0	100	35	135	50	
	706	5/69	19.0	60	14	74	0	
Scientific Control Corp. Dallas, Texas (A) (8/71)	650	5/66	0.5	23	0	23	X	
	655	10/66	2.1	137	0	137	0	
	660	10/65	2.1	41	0	41	0	
	4700	4/69	1.8	18	0	18	-	
	DCT-132	5/69	0.9	41	0	41	-	
Standard Computer Corp. Los Angeles, Calif. (A) (6/71)	IC 4000	12/68	9.0	9	0	9	4	
	IC 6000	5/67	16.0	9	0	9	-	
	IC 7000	8/70	17.0	5	0	5	4	
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (6/70)	810	9/65	1.1	24	0	24	X	
	810A	8/66	0.9	111	5	116	32	
	810B	9/68	1.2	75	1	76	26	
	840	11/65	1.5	3	0	3	X	
	840A	8/66	1.5	36	2	38	X	
	840MP	1/68	2.0	31	0	31	2	
	Systems 86	-	10.0	0	0	0	2	
UNIVAC Div. of Sperry Rand New York, N.Y. (A) (2/71)	I & II	3/51 & 11/57	25.0	23	-	-	X	
	III	8/62	21.0	25	6	31	X	
	File Computers	8/56	15.0	13	-	-	X	
	Solid-State 80 I, II, 90, I, II, & Step	8/58	8.0	210	-	-	X	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
UNIVAC (Cont'd)	418	6/63	11.0	76	36	112	20 E	
	490 Series	12/61	30.0	75	11	86	35 E	
	1004	2/63	1.9	1501	628	2129	20 E	
	1005	4/66	2.4	637	299	936	90 E	
	1050	9/63	8.5	138	62	200	10 E	
	1100 Series (except 1107, 1108)	12/50	35.0	9	0	9	X	
	1107	10/62	57.0	8	3	11	X	
	1108	9/65	68.0	87	114	201	75 E	
	9200	6/67	1.5	1051	822	1873	850 E	
	9300	9/67	3.4	387	49	436	550 E	
	9400	5/69	7.0	8	0	8	60 E	
	LARC	5/60	135.0	2	0	2	-	
	Varian Data Machines Newport Beach, Calif. (A) (7/71)	620	11/65	-	-	-	75	X
		620i	6/67	-	-	-	1300	400
		R-260i	4/69	-	-	-	50	30
520i		10/68	-	-	-	150	330	
520/DC		12/69	-	-	-	25	25	
620/f		11/70	-	-	-	60	40	
620/L		4/71	-	-	-	12	250	
Xerox Data Systems El Segundo, Calif. (R) (2/71)		XDS-92	4/65	1.5	10-60	2	12-62	-
	XDS-910	8/62	2.0	150-170	7-10	157-180	-	
	XDS-920	9/62	2.9	93-120	5-12	98-132	-	
	XDS-925	12/64	3.0	20	1	21	-	
	XDS-930	6/64	3.4	159	14	173	-	
	XDS-940	4/66	14.0	28-35	0	28-35	-	
	XDS-9300	11/64	8.5	21-25	1	22-26	-	
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-	
	Sigma 3	12/69	2.0	10	0	10	-	
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-	
	Sigma 6	6/70	12.0	-	-	-	-	
	Sigma 7	12/66	12.0	24-35	5-9	29-44	-	
Sigma 9	-	35.0	-	-	-	-		

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF SEPTEMBER 15, 1971

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)		NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
			In U.S.A.	Outside U.S.A.	In World	In U.S.A.	Outside U.S.A.	
Part II. Manufacturers Outside United States								
A/S Norsk Data Elektronikk Oslo, Norway (A) (Sept. 1971)	NORD-1 NORD-2B NORD-5	8/68 8/69 -	2.0 4.0 -	(S)	0 0 0	56 5 0	56 5 0	31 13 1
A/S Regnecentralen Copenhagen, Denmark (A) (Apr. 1971)	GIER RC 4000	12/60 6/67	2,3-7.5 3,0-20.0		0 0	40 16	40 16	0 3
Elbit Computers Ltd. Haifa, Israel (A) Feb. 1971)	Elbit-100	10/67	4.9	(S)	-	-	225	50
GEC-AEI Automation Ltd. New Parks, Leicester, England (R) (Jan. 1969)	Series 90-2/10/20 25/30/40/300 S-Two 130 330 959 1010 1040 CON/PAC 4020 CON/PAC 4040 CON/PAC 4060	1/66 3/68 12/64 3/64 -/65 12/61 7/63 - 5/66 12/66	- - - - - - - - - - -		- - - - - - - - - - -	- - - - - - - - - - -	13 1 2 9 1 8 1 0 9 5	X X X X X X X X X X X
International Computers, Ltd. (ICL) London, England (A) (July 1971)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1 /2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5,2-54		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 2000 160 160	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 2000 160 160	X X
								Total: 400
Japanese Mfrs. (N) (Sept. 1970)	(Mfrs. of various models include: Nippon Electric Co., Fujitsu, Hitachi, Ltd., Toshiba, Oki Electric Industry Co., and Mitsubishi Electric Corp.)						Total: 4150 E	Total: 800 E
Marconi Co., Ltd. Chelmsford, Essex, England (A) (Jan. 1970)	Myriad I Myriad II	3/66 10/67	£36,0-£66.0 £22.0-£42.5	(S)	0 0	37 17	37 17	9 12
N.V. Philips Electrologica Apeldoorn, The Netherlands (A) (July 1971)	P1000 P9200 P9200 t.s. P800 ELX1 ELX2/8 DS714 PR8000	8/68 3/68 3/70 9/70 5/58 3/65 -/67 1/66	7.2-35.8 - - - 12.0 6-21 - -		- - - - - - - -	- - - - - - - -	60 300 4 9 22 27 27 23	60 50 3 60 - - 8 -
Redifon Limited Crawley, Sussex, England (A) (Sept. 1971)	R2000	7/70	-		0	12	12	6
Saab-Scania Aktiebolag Linköping, Sweden (A) (June 1971)	D21 D22 D220	12/62 11/68 4/69	7.0 15.0 10.0		0 0 0	38 29 11	38 29 11	- 2 6
Selenia S.p.A. Roma, Italy (A) (July 1971)	GP-16	7/69	10.9	(S)	0	71	71	26

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens Munich, Germany (A) C(July. 1971)	301	11/68	0.75	-	-	82	C
	302	9/67	1.3	-	-	28	C
	303	4/65	2.0	-	-	70	C
	304	5/68	2.8	-	-	63	C
	305	11/67	4.5	-	-	93	C
	306	-	6.5	-	-	-	C
	2002	6/59	13.5	-	-	39	C
	3003	12/63	13.0	-	-	32	C
	4004/15/16	10/65	5.0	-	-	99	C
	4004/25/26	1/66	8.3	-	-	54	C
	4004/35	2/67	11.8	-	-	185	C
	4004/135	-	17.1	-	-	-	C
	4004/45	7/66	22.5	-	-	248	C
	4004/46	4/69	34.0	-	-	10	C
	4004/55	12/66	31.3	-	-	22	C
	4004/150	-	41.0	-	-	10	C
	4004/151	-	51.5	-	-	22	C
404/3	-	1.9	-	-	-	C	
404/6	11/69	4.1	-	-	10	C	
						Total:	298
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C
	BESM 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIE	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	ONEGA 2	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C
						Total:	Total:
						6000 E	2000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF NOVEMBER 15, 1971

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Part II. Manufacturers Outside United States								
A/S Norsk Data Elektronikk Oslo, Norway (A) (Nov. 1971)	NORD-1 NORD-2B NORD-5	8/68 8/69 -	2.0 4.0 (S) -	0 0 0	56 5 0	56 5 0	31 13 1	
A/S Regnecentralen Copenhagen, Denmark (A) (Apr. 1971)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	40 16	40 16	0 3	
Elbit Computers Ltd. Haifa, Israel (A) (Feb. 1971)	Elbit-100	10/67	4.9 (S)	-	-	225	50	
GEC-AEI Automation Ltd. New Parks, Leicester, England (R) (Jan. 1969)	Series 90-2/10/20 25/30/40/300 S-Two 130 330 959 1010 1040 CON/PAC 4020 CON/PAC 4040 CON/PAC 4060	1/66 3/68 12/64 3/64 -/65 12/61 7/63 - 5/66 12/66	- - - - - - - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	13 1 2 9 1 8 1 0 9 5	X X X X X X X X - - -	
International Computers, Ltd. (ICL) London, England (A) (July 1971)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1 /2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 2000 160 160	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 2000 160 160	X X X X X X X X X X X X X X X X C C C	
							Total:	400
Japanese Mfrs. (N) (Sept. 1970)	(Mfrs. of various models include: Nippon Electric Co., Fujitsu, Hitachi, Ltd., Toshiba, Oki Electric Industry Co., and Mitsubishi Electric Corp.)			Total:		4150 E	Total: 800 E	
Marconi Co., Ltd. Chelmsford, Essex, England (A) (Jan. 1970)	Myriad I Myriad II	3/66 10/67	£36.0-£66.0 £22.0-£42.5	(S) (S)	0 0	37 17	37 12	
N.V. Philips Electrologica Apeldoorn, The Netherlands (A) (July 1971)	P1000 P9200 P9200 t.s. P800 ELX1 ELX2/8 DS714 PR8000	8/68 3/68 3/70 9/70 5/58 3/65 -/67 1/66	7.2-35.8 - - - 12.0 6-21 - -	- - - - - - - -	- - - - - - - -	60 300 4 9 22 27 27 23	60 50 3 60 - - 8 -	
Redifon Limited Crawley, Sussex, England (A) (Sept. 1971)	R2000	7/70	-	-	0	12	12 6	
Saab-Scania Aktiebolag Linköping, Sweden (A) (Oct. 1971)	D21 D22 D220	12/62 11/68 4/69	7.0 15.0 10.0	- - -	0 0 0	38 31 12	- 0 5	
Selenia S.p.A. Roma, Italy (A) (Nov. 1971)	GP-16 GP-160	7/69 -	10.9 5.6	(S) -	0 -	72 -	72 31 250	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Siemens Munich, Germany (A) (July, 1971)	301	11/68	0.75	-	-	82	C	
	302	9/67	1.3	-	-	28	C	
	303	4/65	2.0	-	-	70	C	
	304	5/68	2.8	-	-	63	C	
	305	11/67	4.5	-	-	93	C	
	306	-	6.5	-	-	-	C	
	2002	6/59	13.5	-	-	39	C	
	3003	12/63	13.0	-	-	32	C	
	4004/15/16	10/65	5.0	-	-	99	C	
	4004/25/26	1/66	8.3	-	-	54	C	
	4004/35	2/67	11.8	-	-	185	C	
	4004/135	-	17.1	-	-	-	C	
	4004/45	7/66	22.5	-	-	248	C	
	4004/46	4/69	34.0	-	-	10	C	
	4004/55	12/66	31.3	-	-	22	C	
	4004/150	-	41.0	-	-	10	C	
	4004/151	-	51.5	-	-	22	C	
	404/3	-	1.9	-	-	-	C	
	404/6	-	-	-	-	10	C	
							Total: 298	
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C	
	BESM 6	-	-	-	-	C	C	
	MINSK 2	-	-	-	-	C	C	
	MINSK 22	-	-	-	-	C	C	
	MIE	-	-	-	-	C	C	
	NAIR 1	-	-	-	-	C	C	
	ONECA 1	-	-	-	-	C	C	
	URAL 11/	-	-	-	-	C	C	
	URAL 11/14/16	-	-	-	-	C	C	
	and others	-	-	-	-	C	C	
							Total: 6000 E	Total: 2000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF DECEMBER 15, 1971

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	World	
Part I. United States Manufacturers							
Autonetics	RECOMP II	11/58	2.5	30	0	30	X
Anaheim, Calif. (R) (1/69)	RECOMP III	6/61	1.5	6	0	6	X
Bailey Meter Co.	Bailey 750	6/60	40-250 (S)	32	3	35	0
Wickliffe, Ohio (A) (8/71)	Bailey 755	11/61	200-600 (S)	6	0	6	0
	Bailey 756	2/65	60-400 (S)	16	6	22	2
	Bailey 855/15	-	50-400 (S)	0	0	0	2
	Bailey 855/25	4/68	100-1000 (S)	11	0	11	3
	Bailey 855/50	-	100-1000 (S)	0	0	0	12
Bunker-Ramo Corp.	BR-130	10/61	2.0	160	-	-	X
Westlake Village, Calif. (A) (12/71)	BR-133	5/64	2.4	79	-	-	X
	BR-230	8/63	2.7	15	-	-	X
	BR-300	3/59	3.0	18	-	-	X
	BR-330	12/60	4.0	19	-	-	X
	BR-340	12/63	7.0	19	-	-	X
	BR-1018	6/71	23.0 (S)	-	-	-	-
Burroughs	205	1/54	4.6	25-38	2	27-40	X
Detroit, Mich. (N) (1/69-5/69)	220	10/58	14.0	28-31	2	30-33	X
	B100/B500	7/65	2.8-9.0	-	-	-	-
	B2500	2/67	4.0	52-57	12	64-49	117
	B3500	5/67	14.0	44	18	62	190
	B5500	3/63	23.5	65-74	7	72-81	8
	B6500	2/68	33.0	4	-	4	60
	B7500	4/69	44.0	-	-	-	13
	B8500	8/67	200.0	1	-	1	5
Computer Automation, Inc.	108/208/808	6/68	5.0 (S)	165	10	175	110
Newport Beach, Calif. (A) (6/71)	116/216/816	3/69	8.0 (S)	215	20	235	225
Control Data Corp.	G15	7/55	1.6	-	-	295	X
Minneapolis, Minn. (R) (7/71)	G20	4/61	15.5	-	-	20	X
	LGP-21	12/62	0.7	-	-	165	X
	LGP-30	9/56	1.3	-	-	322	X
	RPC4000	1/61	1.9	-	-	75	X
	636/136/046 Series	-	-	-	-	29	-
	160/8090 Series	5/60	2.1-14.0	-	-	610	X
	924/924-A	8/61	11.0	-	-	29	X
	1604/A/B	1/60	45.0	-	-	59	X
	1700/SC	5/66	3.8	-	-	400-450	0
	3100/3150	5/64	10-16	-	-	83-110	C
	3200	5/64	13.0	-	-	55-60	C
	3300	9/65	20-38	-	-	200	C
	3400	11/64	18.0	-	-	20	C
	3500	8/68	25.0	-	-	15	C
	3600	6/23	52.0	-	-	40	C
	3800	2/66	53.0	-	-	20	C
	6400/6500	8/64	58.0	-	-	105	C
	6600	8/64	115.0	-	-	85	C
	6700	6/67	130.9	-	-	5	C
	7600	12/68	235.0	-	-	5	C
							Total: 160 E
Data General Corp.	NOVA	2/69	8.0 (S)	-	-	921	-
Southboro, Mass. (A) (10/71)	SUPERNOVA	5/70	9.6 (S)	-	-	173	-
	NOVA 1200	12/71	5.4 (S)	-	-	729	-
	NOVA 800	3/71	6.9 (S)	-	-	91	-
	SUPERNOVA SC	6/71	11.9 (S)	-	-	15	-
Datacraft Corp.	6024/1	5/69	54-300 (S)	12	0	12	3
Ft. Lauderdale, Fla. (A) (6/71)	6024/3	2/70	33-200 (S)	42	6	48	46
	6024/5	12/71	16-50 (S)	0	0	0	5
Digiac Corp.	Digiac 3060	1/70	9.0 (S)	45	-	-	7
Plainview, N.Y. (A) (7/71)	Digiac 3080	12/64	19.5 (S)	16	-	-	0
	Digiac 3080C	10/67	25.0 (S)	8	-	-	1
Digital Computer Controls, Inc.	D-112	8/70	10.0 (S)	260	54	314	420
Fairfield, N.J. (A) (12/71)	D-116	12/71	10.0 (S)	5	0	5	169

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Digital Equipment Corp. Maynard, Mass. (A) (2/71)	PDP-1	11/60	3.4	48	2	50	X
	PDP-4	8/62	1.7	40	5	45	X
	PDP-5	9/63	0.9	90	10	100	X
	PDP-6	10/64	10.0	C	C	23	X
	PDP-7	11/64	0.4	C	C	160	X
	PDP-8	4/65	0.3	C	C	1440	C
	PDP-8/1	3/68	0.4	C	C	3698	C
	PDP-8/S	9/66	0.3	C	C	1024	C
	PDP-8/L	11/68	-	C	C	3902	C
	PDP-9	12/66	1.1	C	C	436	C
	PDP-9L	11/68	-	C	C	48	C
	PDP-10	12/67	8.0	C	C	145	C
	PDP-11	3/70	10.5	(S) C	C	546	C
	PDP-12	9/69	-	C	C	475	C
	PDP-15	2/61	17.0	6	C	15	C
LINC-8	9/66	-	C	C	142	C	
							Total:
							1350 E
Electronic Associates Inc.	640	4/67	1.2	105	60	165	6
Long Branch, N.J. (12/71)	8400	7/67	12.0	21	6	27	2
EMR Computer	EMR 6020	4/65	5.4	C	-	-	C
Minneapolis, Minn.	EMR 6040	7/65	6.6	C	-	-	C
(A)	EMR 6050	2/66	9.0	C	-	-	C
(2/71)	EMR 6070	10/66	15.0	C	-	-	C
	EMR 6130	8/67	5.0	C	-	-	C
	EMR 6135	-	2.6	-	-	-	-
	EMR 6155	-	-	-	-	-	-
							Total:
							1350 E
General Automation, Inc.	SPC-12	1/68	-	-	-	945	-
Anaheim, Calif.	SPC-16	5/70	-	-	-	145	-
(A) (12/71)	System 18/30	7/69	-	-	-	100	-
General Electric	GE-PAC 3010	5/70	2.0	3	0	3	22
West Lynn, Mass.	GE-PAC 4010	10/70	6.0	12	1	13	30
(Process Control Computers)	GE-PAC 4020	2/67	6.0	191	57	248	37
(A)	GE-PAC 4040	8/64	3.0	45	20	65	X
(12/71)	GE-PAC 4050	12/66	7.0	23	2	25	1
	GE-PAC 4060	6/65	2.0	18	2	20	X
Hewlett Packard	2114A, 2114B	10/68	0.25	-	-	1182	-
Cupertino, Calif.	2115A	11/67	0.41	-	-	333	-
(A) (8/71)	2116A, 2116B, 2116C	11/66	0.6	-	-	1171	-
Honeywell Information Systems	G58	5/70	1.0	-	-	-	-
Wellesley Hills, Mass.	G105A	6/69	1.3	-	-	-	-
(A) (2/71)	G105B	6/69	1.4	-	-	-	-
	G105RTS	7/69	1.2	-	-	-	-
	G115	4/66	2.2	200-400	420-680	620-1080	-
	G120	3/69	2.9	-	-	-	-
	G130	12/68	4.5	-	-	-	-
	G205	6/64	2.9	11	0	11	-
	G210	7/60	16.0	35	0	35	-
	G215	9/63	6.0	15	1	16	-
	G225	4/61	8.0	145	15	160	-
	G235	4/64	12.0	40-60	17	57-77	-
	G245	11/68	13.0	3	-	3	-
	G255 T/S	10/67	17.0	15-20	-	15-20	-
	G265 T/S	10/65	20.0	45-60	15-30	60-90	-
	G275 T/S	11/68	23.0	-	-	10	-
	G405	2/68	6.8	10-40	5	15-45	-
	G410 T/S	11/69	1.0	-	-	-	-
	G415	5/64	7.3	70-100	240-400	240-400	-
	G425	6/64	9.6	50-100	20-30	70-130	-
	G430 T/S	6/69	17.0	-	-	-	-
	G435	9/65	14.0	20	6	26	-
	G440 T/S	7/69	25.0	-	-	-	-
	G615	3/68	32.0	-	-	-	-
	G625	4/65	43.0	23	3	26	-
	G635	5/65	47.0	20-40	3	23-43	-
	G655	12/70	80.0	-	-	-	-
	H-110	868	2-7	180	7	255	0
	H-115	6/70	3.5	30	-	30	-
	H-120	1/66	4.8	800	160	960	-
	H-125	12/67	7.0	150	220	370	-
	H-200	3/64	7.5	800	275	1075	-
	H-400	12/61	10.5	46	40	86	X
	H-800	12/60	30.0	58	15	73	X
	H-1200	2/66	9.8	230	90	320	-
	H-1250	7/68	12.0	130	55	185	-
	H-1400	1/64	14.0	4	6	10	X
	H-1800	1/64	50.0	15	5	20	X
	H-2200	1/66	18.0	125	60	185	-
	H-3200	2/70	24.0	20	2	22	-
	H-4200	8/68	32.5	18	2	20	-
	H-8200	12/68	50.0	10	3	13	-
	DDP-24	5/63	2.65	-	-	90	X
	DDP-116	4/65	0.9	-	-	250	-
	DDP-124	3/66	2.2	-	-	250	-
	DDP-224	3/65	3.5	-	-	60	-
	DDP-316	6/69	0.6	-	-	450	-
	DDP-416	-	-	-	-	350	-
	DDP-516	9/66	1.2	-	-	900	-
	H112	10/69	-	-	-	75	-
	H632	12/68	3.2	-	-	12	-
	H1602	-	-	-	-	-	-
	H1642	-	-	-	-	-	-
	H1644	-	-	-	-	-	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS		NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	
Honeywell (cont'd)	H1646	-	-	-	-	-
	H1648	11/68	12.0	-	-	20
	H1648A	-	-	-	-	-
IBM	System/Model 6	3/71	1.0	-	-	-
White Plains, N.Y.	System/3 Model 10	1/70	1.1	-	-	-
(N) (D)	System/7	11/71	0.35 and up	-	-	-
(1/69-5/69)	305	12/57	3.6	40	15	55
	650	10/67	4.8	50	18	68
	1130	2/66	1.5	2580	1227	3807
	1401	9/60	5.4	2210	1836	4046
	1401-G	5/64	2.3	420	450	870
	1401-H	6/67	1.3	180	140	320
	1410	11/61	17.0	156	116	272
	1440	4/63	4.1	1690	1174	2864
	1460	10/63	10.0	194	63	257
	1620 I, II	9/60	4.1	285	186	471
	1800	1/66	5.1	415	148	563
	7010	10/63	26.0	67	17	84
	7030	5/61	160.0	4	1	5
	704	12/55	32.0	12	1	13
	7040	6/63	25.0	35	27	2
	7044	6/63	36.5	28	13	41
	705	11/55	38.0	18	3	21
	7020, 2	3/60	27.0	10	3	13
	7074	3/60	35.0	44	26	70
	7080	8/61	60.0	13	2	15
	7090	11/59	63.5	4	2	6
	7094-I	9/62	75.0	10	4	14
	7094-II	4/64	83.0	6	4	10
	360/20	12/65	2.7	4690	3276	7966
	360/25	1/68	5.1	0	4	4
	360/30	5/65	10.3	4075	3144	7219
	360/40	4/65	19.3	1260	498	1758
	360/44	7/66	11.8	65	13	78
	360/50	8/65	29.1	480	109	589
	360/65	11/65	57.2	175	31	206
	360/67	10/65	133.8	9	4	13
	360/75	2/66	66.9	14	3	17
	360/85	12/69	150.3	-	-	-
	360/90	11/67	(S)	5	-	5
	370/135	5/72	14.4	-	-	-
	370/145	9/71	23.3	-	-	-
	370/155	2/71	48.0	-	-	-
	370/165	5/71	98.7	-	-	-
	360/195	4/71	232.0	-	-	-
	370/195	6/73	190.0-270.0	-	-	-
Interdata	Model 1	12/70	3.7	150	50	200
Oceanport, N.J.	Model 3	5/67	-	N/A	-	200
(A) (10/71)	Model 4	8/68	8.5	260	115	375
	Model 5	11/70	10.5	70	20	90
	Model 15	1/69	20.0	40	24	64
	Model 16	5/71	14.7	1	5	6
	Model 18	6/71	24.7	2	6	8
	Model 70	10/71	6.8	0	0	0
NCR	304	16/60	10.0	10	2	12
Dayton, Ohio	310	5/61	2.5	8	0	8
(A) (6/71)	315	5/62	7.0	425	300	725
	315 RMC	9/65	9.0	125	50	175
	390	5/61	0.8	325	500	825
	500	10/65	1.0	1000	1700	2700
	Century 50	2/71	1.6	10	-	10
	Century 100	9/68	2.6	1400	450	1850
	Century 200	6/69	7.5	405	155	560
	Century 300	2/72	20.0	0	0	0
Philco	1000	6/63	7.0	16	-	-
Willow Grove, Pa.	200-210,211	10/58	40.0	16	-	-
(N) (1/69)	2000-212	1/63	52.0	12	-	-
RCA	301	2/61	7.0	140-290	100-130	240-420
Cherry Hill, N.J.	501	6/59	14.0-18.0	22-50	1	23-51
(N) (5/69)	601	11/62	14.0-35.0	2	0	2
	3301	7/64	17.0-35.0	24-60	1-5	25-65
	Spectra 70/15	9/65	4.3	90-110	35-60	125-170
	Spectra 70/25	9/65	6.6	68-70	18-25	86-95
	Spectra 70/35	1/67	9.2	65-100	20-50	85-150
	Spectra 70/45	11/65	22.5	84-180	21-55	105-235
	Spectra 70/46	-	33.5	1	0	1
	Spectra 70/55	11/66	34.0	11	1	12
Raytheon	250	12/60	1.2	115	20	135
Santa Ana, Calif.	440	3/64	3.6	20	-	20
(A) (7/71)	520	10/65	3.2	26	1	27
	703	10/67	12.5 (S)	172	31	203
	704	3/70	8.0 (S)	100	35	135
	706	5/69	19.0 (S)	60	14	74
Scientific Control Corp.	4700	4/69	1.8	18	0	18
Dallas, Texas	DCT-132	5/69	0.9	24	35	59
(A) (10/71)						
Standard Computer Corp.	IC 4000	12/68	9.0	9	0	9
Los Angeles, Calif.	IC 6000-6000/E	5/67	16.0	3	0	3
(A) (12/71)	IC 7000	8/70	17.0	4	0	4
	IC-9000	5/71	500.0 (S)	1	0	1
Systems Engineering Laboratories	810	9/65	1.1	24	0	24
Ft. Lauderdale, Fla.	810A	8/66	0.9	111	5	216
(A) (6/70)	810B	9/68	1.2	75	1	76
	840	11/65	1.5	3	0	3
	840A	8/66	1.5	36	2	38
	840MP	1/68	2.0	31	0	31
	Systems 86	-	10.0	0	0	0

(Please turn to page 59)

Monthly Computer Census — Continued from page 56

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
UNIVAC Div. of Sperry Rand New York, N.Y. (A) (2/71)	I & II	3/51 & 11/57	25.0	23	-	-	X
	III	8/62	21.0	25	6	31	X
	File Computers	8/56	15.0	13	-	-	X
	Solid-State 80 I,II,						
	90, I, II, & Step	8/58	8.0	210	-	-	X
	418	6/63	11.0	76	36	112	20 E
	490 Series	12/61	30.0	75	11	86	35 E
	1004	2/63	1.9	1501	628	2129	20 E
	1005	4/66	2.4	637	299	936	90 E
	1050	9/63	8.5	138	62	200	10 E
	1100 Series (except						
	1107, 1108)	12/50	35.0	9	0	9	X
	1107	10/62	57.0	8	3	11	X
	1108	9/65	68.0	87	114	201	75 E
	9200	6/67	1.5	1051	822	1873	850 E
	9300	9/67	3.4	387	49	436	550 E
	9400	5/69	7.0	8	0	8	60 E
LARC	5/60	135.0	2	0	2	-	
Varian Data Machines Newport Beach, Calif. (A) (7/71)	620	11/65	-	-	-	75	X
	620i	6/67	-	-	-	1300	400
	R-260i	4/69	-	-	-	50	30
	520i	10/68	-	-	-	150	330
	520/DC	12/69	-	-	-	25	25
	620/f	11/70	-	0	0	7	125
	620/L	4/71	-	-	-	12	250
Xerox Data Systems El Segundo, Calif. (R) (2/71)	XDS-92	4/65	1.5	43	4	47	-
	XDS-910	8/62	2.0	170	7-10	177-180	-
	XDS-920	9/62	2.9	120	5-12	125-132	-
	XDS-925	12/64	3.0	10-20	1	10-21	-
	XDS-930	6/64	3.4	159	14	173	-
	XDS-940	4/66	14.0	28-38	3	28-41	-
	XDS-9300	11/64	8.5	25-30	4	25-34	-
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-
	Sigma 3	12/69	2.0	10	0	10	-
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-
	Sigma 6	6/70	12.0	-	-	-	-
Sigma 7	12/66	12.0	24-35	5-9	29-44	-	
Sigma 9	-	35.0	-	-	-	-	

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF JANUARY 15, 1972

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part II. Manufacturers Outside United States							
A/S Norsk Data Elektronik Oslo, Norway (A) (Jan. 1972)	NORD 1 NORD-2B NORD-5	8/68 8/69 -	2.0 4.0 (S) -	0 0 0	60 11 0	60 11 0	29 11 1
A/S Regnecentralen Copenhagen, Denmark (A) (Jan. 1972)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	40 19	40 19	0 3
Elbit Computers Ltd. Haifa, Israel (A) (Feb. 1971)	Elbit-100	10/67	4.9 (S)	-	-	225	50
GEC-AEI Automation Ltd. New Parks, Leicester, England (R) (Jan. 1969)	Series 90-2/10/20 25/30/40/300 S-Two 130 330 959 1010 1040 CON/PAC 4020 CON/PAC 4040 CON/PAC 4060	1/66 3/68 12/64 3/64 -/65 12/61 7/63 - 5/66 12/66	- - - - - - - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	13 1 2 9 1 8 1 0 9 5	X X X X X X X X - - -
International Computers, Ltd. London, England (A) (Jan. 1972)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1 /2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 2200 160 400	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 2202 160 400	X X X X X X X X X X X X X X X - - -
Japanese Mfrs. (N) (Sept. 1970)	(Mfrs. of various models include: Nippon Electric Co., Fujitsu, Hitachi, Ltd., Toshiba, Oki Electric Industry Co., and Mitsubishi Electric Corp.)					Total: 4150 E	Total: 800 E
Marconi Co., Ltd. Chelmsford, Essex, England (A) (Jan. 1970)	Myriad I Myriad II	3/66 10/67	£36.0-£66.0 (S) £22.0-£42.5 (S)	0 0	37 17	37 17	9 12
N.V. Philips Electrologica Apeldoorn, The Netherlands (A) (Jan. 1972)	P1000 P9200 P9200 t.s. P800 ELX1 ELX2/8 DS714 PR8000	8/68 3/68 3/70 9/70 5/58 3/65 -/67 1/66	7.2-35.8 - - - 12.0 6-21 - -	- - - - - - - -	- - - - - - - -	60 300 4 40 22 27 27 23	40 50 2 45 - - 8 -
Redifon Limited Crawley, Sussex, England (A) (Dec. 1971)	R2000	7/70	-	0	12	12	6
Saab-Scania Aktiebolag Linköping, Sweden (A) (Oct. 1971)	D21 D22 D220	12/62 11/68 4/69	7.0 15.0 10.0	0 0 0	38 31 12	38 31 12	- 0 5
Selenia S.p.A. Roma, Italy (A) (Nov. 1971)	G-16 GP-160	7/69	10.9 (S) 5.6	0 -	72 -	72 -	31 250

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens	301	11/68	0.75	-	-	82	C
Munich, Germany	302	9/67	1.3	-	-	28	C
(A)	303	4/65	2.0	-	-	70	C
(July. 1971)	304	5/68	2.8	-	-	63	C
	305	11/67	4.5	-	-	93	C
	306	-	6.5	-	-	-	C
	2002	6/59	13.5	-	-	39	C
	3003	12/63	13.0	-	-	32	C
	4004/15/16	10/65	5.0	-	-	99	C
	4004/25/26	1/66	8.3	-	-	54	C
	4004/35	2/67	11.8	-	-	185	C
	4004/135	-	17.1	-	-	-	C
	4004/45	7/66	22.5	-	-	248	C
	4004/46	4/69	34.0	-	-	10	C
	4004/55	12/66	31.3	-	-	22	C
	4004/150	-	41.0	-	-	10	C
	4004/151	-	51.5	-	-	22	C
	404/3	-	1.9	-	-	-	C
	404/6	-	-	-	-	10	C
							Total: 298
USSR	BESM 4	-	-	-	-	C	C
(N)	BESM 6	-	-	-	-	C	C
(May 1969)	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIE	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	URAL 11/14/16	-	-	-	-	C	C
	and others						
						Total: 6000 E	Total: 6000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF FEBRUARY 15, 1972

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part I. United States Manufacturers							
Autonetics	RECOMP II	11/58	2.5	30	0	30	X
Anaheim, Calif. (R) (1/69)	RECOMP III	6/61	1.5	6	0	6	X
Bailey Meter Co.	Metrotype	10/57	40-2000 (S)	8	0	8	0
Wickliffe, Ohio (A) (1/72)	Bailey 750	6/60	40-250 (S)	37	15	52	0
	Bailey 755	11/61	200-600 (S)	7	6	7	0
	Bailey 756	2/65	60-400 (S)	15	12	27	2
	Bailey 855/15	12/72	50-400 (S)	0	0	0	2
	Bailey 855/25	4/68	100-1000	16	0	16	0
	Bailey 855/50	3/72	100-1000 (S)	0	0	0	9
Bunker-Ramo Corp.	BR-130	10/61	2.0	160	-	-	X
Westlake Village, Calif. (A) (1/72)	BR-133	5/64	2.4	79	-	-	X
	BR-230	8/63	2.7	15	-	-	X
	BR-300	3/59	3.0	18	-	-	X
	BR-330	12/60	4.0	19	-	-	X
	BR-340	12/63	7.0	19	-	-	X
	BR-1018	6/71	23.0 (S)	-	-	-	-
Burroughs	205	1/54	4.6	25-38	2	27-40	X
Detroit, Mich. (N) (1/69-5/69)	220	10/58	14.0	28-31	2	30-33	X
	B100/B500	7/65	2.8-9.0	-	-	-	-
	B2500	2/67	4.0	52-57	12	64-49	117
	B3500	5/67	14.0	44	18	62	190
	B5500	3/63	23.5	65-74	7	72-81	8
	B6500	2/68	33.0	4	-	4	60
	B7500	4/69	44.0	-	-	-	13
	B8500	8/67	200.0	1	-	1	5
Computer Automation, Inc.	108/208/808	6/68	5.0 (S)	165	10	175	110
Newport Beach, Calif. (A) (6/71)	116/216/816	3/69	8.0 (S)	215	20	235	225
Control Data Corp	G15	7/55	1.6	-	-	295	X
Minneapolis, Minn. (R) (7/71)	G20	4/61	15.5	-	-	20	X
	LGP-21	12/62	0.7	-	-	165	X
	LGP-30	9/56	1.3	-	-	322	X
	RPC4000	1/61	1.9	-	-	75	X
	636/136/046 Series	-	-	-	-	29	-
	160/8090 Series	5/60	2.1-14.0	-	-	610	X
	924/924-A	8/61	11.0	-	-	29	X
	1604/A/B	1/60	45.0	-	-	59	X
	1700/SC	5/66	3.8	-	-	400-450	0
	3100/3150	5/64	10-16	-	-	83-110	C
	3200	5/64	13.0	-	-	55-60	C
	3300	9/65	20-38	-	-	200	C
	3400	11/64	18.0	-	-	20	C
	3500	8/68	25.0	-	-	15	C
	3600	6/23	52.0	-	-	40	C
	3800	2/66	53.0	-	-	20	C
	6400/6500	8/64	58.0	-	-	105	C
	6600	8/64	115.0	-	-	85	C
	6700	6/67	130.9	-	-	5	C
	7600	12/68	235.0	-	-	5	C
							Total: 160 E
Data General Corp.	NOVA	2/69	8.0 (S)	-	-	891	-
Southboro, Mass. (A) (12/71)	SUPERNOVA	5/70	9.6 (S)	-	-	163	-
	NOVA 1200	12/71	5.4 (S)	-	-	950	-
	NOVA 800	3/71	6.9 (S)	-	-	122	-
	SUPERNOVA SC	6/71	11.9 (S)	-	-	15	-
Datacraft Corp.	6024/1	5/69	54-300 (S)	14	0	14	2
Ft. Lauderdale, Fla. (A) (1/72)	6024/3	2/70	33-200 (S)	88	12	100	55
	6024/5	12/71	16-50 (S)	0	0	0	25
Digiac Corp.	Digiac 3060	1/70	9.0 (S)	45	-	-	7
Plainview, N.Y. (A) (7/71)	Digiac 3080	12/64	19.5 (S)	16	-	-	0
	Digiac 3080C	10/67	25.0 (S)	8	-	-	1
Digital Computer Controls, Inc.	D-112	8/70	10.0 (S)	317	74	391	400
Fairfield, N.J. (A) (2/72)	D-116	1/72	10.0 (S)	5	0	5	169

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Digital Equipment Corp. Maynard, Mass. (A) (2/72)	PDP-1	11/60	3.4	48	2	50	X
	PDP-4	8/62	1.7	40	5	45	X
	PDP-5	9/63	0.9	90	10	100	X
	PDP-6	10/64	10.0	C	C	23	X
	PDP-7	11/64	0.4	C	C	160	X
	PDP-8	4/65	0.3	C	C	1440	C
	PDP-8/1	3/68	0.4	C	C	3698	C
	PDP-8/S	9/66	0.3	C	C	1024	C
	PDP-8/L	11/68	-	C	C	3902	C
	PDP-81E	-	-	-	-	3200	-
	PDP-9	12/66	1.1	C	C	436	C
	PDP-9L	11/68	-	C	C	48	C
	DECSys-10	12/67	8.0	C	C	145	C
	PDP-11	3/70	10.5	(S) C	C	2002	C
	PDP-12	9/69	-	C	C	593	C
PDP-15	2/61	17.0	C	C	516	C	
LINC-8	9/66	-	C	C	142	C	
							Total: 1350 E
Electronic Associates Inc. Long Branch, N.J. (A) (12/71)	640 8400	4/67 7/67	1.2 12.0	105 21	60 6	165 27	6 2
EMR Computer Minneapolis, Minn. (A) (2/71)	EMR 6020	4/65	5.4	C	-	-	C
	EMR 6040	7/65	6.6	C	-	-	C
	EMR 6050	2/66	9.0	C	-	-	C
	EMR 6070	10/66	15.0	C	-	-	C
	EMR 6130	8/67	5.0	C	-	-	C
	EMR 6135 EMR 6155	- -	- -	2.6 -	- -	- -	- -
							Total: 1350 E
General Automation, Inc. Anaheim, Calif. (A) (2/72)	SPC-12	1/68	-	-	-	945	-
	SPC-16	5/70	-	-	-	145	-
	System 18/30	7/69	-	-	-	100	-
General Electric West Lynn, Mass. (Process Control Computers) (A) (2/72)	GE-PAC 3010	5/70	2.0	5	0	5	22
	GE-PAC 4010	10/70	6.0	15	3	18	28
	GE-PAC 4020	2/67	6.0	197	59	256	30
	GE-PAC 4040	8/64	3.0	45	20	65	X
	GE-PAC 4050 GE-PAC 4060	12/66 6/65	7.0 2.0	23 18	2 2	25 20	1 X
Hewlett Packard Cupertino, Calif. (A) (8/71)	2114A, 2114B	10/68	0.25	-	-	1182	-
	2115A	11/67	0.41	-	-	333	-
	2116A, 2116B, 2116C	11/66	0.6	-	-	1171	-
Honeywell Information Systems Wellesley Hills, Mass. (A) (2/71)	G58	5/70	1.0	-	-	-	-
	G105A	6/69	1.3	-	-	-	-
	G105B	6/69	1.4	-	-	-	-
	G105RTS	7/69	1.2	-	-	-	-
	G115	4/66	2.2	200-400	420-680	620-1080	-
	G120	3/69	2.9	-	-	-	-
	G130	12/68	4.5	-	-	-	-
	G205	6/64	2.9	11	0	11	-
	G210	7/60	16.0	35	0	35	-
	G215	9/63	6.0	15	1	16	-
	G225	4/61	8.0	145	15	160	-
	G235	4/64	12.0	40-60	17	57-77	-
	G245	11/68	13.0	3	-	3	-
	G255 T/S	10/67	17.0	15-20	-	15-20	-
	G265 T/S	10/65	20.0	45-60	15-30	60-90	-
	G275 T/S	11/68	23.0	-	-	10	-
	G405	2/68	6.8	10-40	5	15-45	-
	G410 T/S	11/69	1.0	-	-	-	-
	G415	5/64	7.3	70-100	240-400	240-400	-
	G425	6/64	9.6	50-100	20-30	70-130	-
	G430 T/S	6/69	17.0	-	-	-	-
	G435	9/65	14.0	20	6	26	-
	G440 T/S	7/69	25.0	-	-	-	-
	G615	3/68	32.0	-	-	-	-
	G625	4/65	43.0	23	3	26	-
	G635	5/65	47.0	20-40	3	23-43	-
	G655	12/70	80.0	-	-	-	-
	H-110	8/68	2-7	180	7	255	0
	H-115	6/70	3.5	30	-	30	-
	H-120	1/66	4.8	800	160	960	-
	H-125	12/67	7.0	150	220	370	-
	H-200	3/64	7.5	800	275	1075	-
	H-400	12/61	10.5	46	40	86	X
	H-800	12/60	30.0	58	15	73	X
	H-1200	2/66	9.8	230	90	320	-
	H-1250	7/68	12.0	130	55	185	-
	H-1400	1/64	14.0	4	6	10	X
	H-1800	1/64	50.0	15	5	20	X
	H-2200	1/66	18.0	125	60	185	-
	H-3200	2/70	24.0	20	2	22	-
H-4200	8/68	32.5	18	2	20	-	
H-8200	12/68	50.0	10	3	13	-	
DDP-24	5/63	2.65	-	-	90	X	
DDP-116	4/65	0.9	-	-	250	-	
DDP-124	3/66	2.2	-	-	250	-	
DDP-224	3/65	3.5	-	-	60	-	
DDP-316	6/69	0.6	-	-	450	-	
DDP-416	-	-	-	-	350	-	
DDP-516	9/66	1.2	-	-	900	-	
H112	10/59	-	-	-	75	-	
H632	12/68	3.2	-	-	12	-	
H1602	-	-	-	-	-	-	
H1642	-	-	-	-	-	-	
H1644	-	-	-	-	-	-	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Honeywell (cont'd)	H1646	-	-	-	-	-	-
	H1648	11/68	12.0	-	-	20	-
	H1648A	-	-	-	-	-	-
IBM	System/Model 6	3/71	1.0	-	-	-	-
White Plains, N.Y.	System/3 Model 10	1/70	1.1	-	-	-	-
(N) (D)	System/7	11/71	0.35 and up	-	-	-	-
(1/69-5/69)	305	12/57	3.6	40	15	55	-
	650	10/67	4.8	50	18	68	-
	1130	2/66	1.5	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 I, II	9/60	4.1	285	186	471	-
	1800	1/66	5.1	415	148	563	-
	7010	10/63	26.0	67	17	84	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	2	-
	7044	6/63	36.5	28	13	41	-
	705	11/55	38.0	18	3	21	-
	7020, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-
	7080	8/61	60.0	13	2	15	-
	7090	11/59	63.5	4	2	6	-
	7094-I	9/62	75.0	10	4	14	-
	7094-II	4/64	83.0	6	4	10	-
	360/20	12/65	2.7	4690	3276	7966	-
	360/25	1/68	5.1	0	4	4	-
	360/30	5/65	10.3	4075	3144	7219	-
	360/40	4/65	19.3	1260	498	1758	-
	360/44	7/66	11.8	65	13	78	-
	360/50	8/65	29.1	480	109	589	-
	360/65	11/65	57.2	175	31	206	-
	360/67	10/65	133.8	9	4	13	-
	360/75	2/66	66.9	14	3	17	-
	360/85	12/69	150.3	-	-	-	-
	360/90	11/67	(S)	5	-	5	-
	370/135	5/72	14.4	-	-	-	-
	370/145	9/71	23.3	-	-	-	-
	370/155	2/71	48.0	-	-	-	-
	370/165	5/71	98.7	-	-	-	-
	360/195	4/71	232.0	-	-	-	-
	360/195	6/73	190.0-270.0	-	-	-	-
Interdata	Model 1	12/70	3.7	150	50	200	50
Oceanport, N.J.	Model 3	5/67	-	N/A	-	200	X
(A) (10/71)	Model 4	8/68	8.5	260	115	375	40
	Model 5	11/70	10.5	70	20	90	10
	Model 15	1/69	20.0	40	24	64	X
	Model 16	5/71	14.7	1	5	6	12
	Model 18	6/71	24.7	2	6	8	8
	Model 70	10/71	6.8	0	0	0	60
Microdata Corp.	Micro 400	12/70	1.8-30	1200	400	1600	-
Santa Ana, Calif.	Micro 800	12/68	1.8-30	1200	400	1600	-
(A) (2/72)	Micro 1600	12/71	1.8-30	1200	400	1600	-
NCR	304	1/60	10.0	5	2	7	X
Dayton, Ohio	310	5/61	2.5	8	0	8	X
(A) (1/72)	315	5/62	7.0	425	300	725	-
	315 RMC	9/65	9.0	125	50	175	-
	390	5/61	0.8	250	375	625	-
	500	10/65	1.0	1000	1700	2700	-
	Century 50	2/71	1.6	200	-	200	-
	Century 100	9/68	2.6	1500	525	2025	-
	Century 200	6/69	7.0	460	215	765	-
	Century 300	2/72	20.0	0	0	0	-
Philco	1000	6/63	7.0	16	-	-	X
Willow Grove, Pa.	200-210,211	10/58	40.0	16	-	-	X
(N) (1/69)	2000-212	1/63	52.0	12	-	-	X
RCA (see UNIVAC - Series 70)							
Raytheon	250	12/60	1.2	115	20	135	X
Santa Ana, Calif.	440	3/64	3.6	20	-	20	X
(A)	520	10/65	3.2	26	1	27	X
(6/71)	703	10/67	12.5 (S)	172	31	203	2
	704	3/70	8.0 (S)	100	35	135	50
	706	5/69	19.0 (S)	60	14	74	0
Scientific Control Corp.	4700	4/69	1.8	18	0	18	-
Dallas, Texas	DCT-132	5/69	0.9	24	35	59	-
(A) (10/71)							
Standard Computer Corp.	IC 4000	12/68	9.0	9	0	9	2
Los Angeles, Calif.	IC 6000-6000/E	5/67	16.0	3	0	3	-
(A) (2/72)	IC 7000	8/70	17.0	3	0	4	1
	IC-9000	5/71	400.0 (S)	1	0	1	-
Systems Engineering Laboratories	SYSTEMS 810B	9/68	2.6	156	7	163	(N)
Ft. Lauderdale, Fla.	SYSTEMS 72	9/71	1.0	12	3	15	(N)
(A)	SYSTEMS 85	7/72	6.0	-	-	-	(N)
(2/72)	SYSTEMS 86	6/70	10.0	23	1	24	(N)
UNIVAC Div. of Sperry Rand	I & II	3/51 & 11/57	25.0	23	-	-	X
New York, N.Y.	III	8/62	21.0	25	6	31	X
(A) (2/71)	File Computers	8/56	15.0	13	-	-	X
	Solid-State 80 I,II,						
	90, I, II, & Step	8/58	8.0	210	-	-	X
	418	6/63	11.0	76	36	112	20 E
	490 Series	12/61	30.0	75	11	86	35 E

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
UNIVAC Div. of Sperry Rand (contd)	1004	2/63	1.9	1501	628	2129	20 E
	1005	4/66	2.4	637	299	936	90 E
	1050	9/63	8.5	138	62	200	10 E
	1100 Series (except 1107, 1108)	12/50	35.0	9	0	9	X
	1107	10/62	57.0	8	3	11	X
	1108	9/65	68.0	87	114	201	75 E
	9200	6/67	1.5	1051	822	1873	850 E
	9300	9/67	3.4	387	49	436	550 E
	9400	5/69	7.0	8	0	8	60 E
	LARC	5/60	135.0	2	0	2	-
	UNIVAC - Series 70 Blue Bell, Pa. (A) (1/1/72)	301	2/61	7.0	184	-	-
501		6/59	14.0-18.0	16	-	-	-
601		11/62	14.0-35.0	3	-	-	-
3301		7/64	17.0-35.0	60	-	-	-
Spectra 70/15, 25		9/65	4.3	17	-	-	-
Spectra 70/35		1/67	9.2	112	-	-	-
Spectra 70/45		11/65	22.5	330	-	-	-
Spectra 70/46		-	33.5	30	-	-	-
Spectra 70/55		11/66	34.0	13	-	-	-
Spectra 70/60		11/70	32.0	12	-	-	-
Spectra 70/61		4/70	42.0	9	-	-	-
70/2		5/71	16.0	51	-	-	-
70/3		9/71	25.0	3	-	-	-
70/6		9/71	25.0	11	-	-	-
70/7		12/71	35.0	1	-	-	-
Varian Data Machines Newport Beach, Calif. (A) (2/72)	620	11/65	-	-	-	75	X
	620i	6/67	-	-	-	1300	-
	R-260i	4/69	-	-	-	80	-
	520/DC, 520i	12/69;10/68	-	-	-	350	-
	620/f	11/70	-	-	-	150	-
	620/L	4/71	-	-	-	330	-
Xerox Data Systems El Segundo, Calif. (N) (2/72)	XDS-92	4/65	1.5	10-60	2	12-62	-
	XDS-910	8/62	2.0	150-170	7-10	157-180	-
	XDS-920	9/62	2.9	93-120	5-12	98-132	-
	XDS-925	12/64	3.0	20	1	21	-
	XDS-930	6/64	3.4	159	14	173	-
	XDS-940	4/66	14.0	28-35	0	28-35	-
	XDS-9300	11/64	8.5	21-25	1	22-26	-
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-
	Sigma 3	12/69	2.0	10	0	10	-
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-
	Sigma 6	6/70	12.0	-	-	-	-
	Sigma 7	12/66	12.0	24-35	5-9	29-44	-
	Sigma 9	-	35.0	-	-	-	-

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF MARCH 15, 1972

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)		NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS	
					In U.S.A.	Outside U.S.A.	In World		
Part II. Manufacturers Outside United States									
A/S Norsk Data Elektronikk Oslo, Norway (A) (Mar. 1972)	NORD-1 NORD-2B NORD-5 NORD-20	8/68 8/69 - 1/72	2.0 4.0 - 3.5	(S) - - (S)	0 0 0 0	75 20 0 7	75 20 0 7	14 X 1 4	
A/S Regnecentralen Copenhagen, Denmark (A) (Jan. 1972)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	- -	0 0	40 19	40 19	0 3	
Elbit Computers Ltd. Haifa, Israel (A) (Jan. 1972)	Elbit-100	10/67	4.9	(S)	-	-	300	20	
GEC-AEI Automation Ltd. New Parks, Leicester, England (R) (Jan. 1969)	Series 90-2/10/20 25/30/40/300 S-Two 130 330 959 1010 1040 CON/PAC 4020 CON/PAC 4040 CON/PAC 4060	1/66 3/68 12/64 3/64 -/65 12/61 7/63 - 5/66 12/66	- - - - - - - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	- - - - - - - - - - -	13 1 2 9 1 8 1 0 9 5	X X X X X X X X - - -	
International Computers, Ltd. (I.C.L.) London, England (A) (Jan. 1972)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	- - - - - - - - - - - - - - - - - -	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 2200 160 400	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 2202 160 400	X X X X X X X X X X X X X X X - - -	
Japanese Mfrs. (N) (Sept. 1970)	(Mfrs. of various models include: Nippon Electric Co., Fujitsu, Hitachi, Ltd., Toshiba, Oki Electric Industry Co., and Mitsubishi Electric Corp.)						Total: 4150 E	Total: 800 E	
Marconi Co., Ltd. Chelmsford, Essex, England (A) (Jan. 1970)	Myriad I Myriad II	3/66 10/67	£36.0-£66.0 £22.0-£42.5	(S) (S)	0 0	37 17	37 17	9 12	
N.V. Philips Electronica The Netherlands (A) (Jan. 1972)	P1000 P9200 P9200 t.s. P-800 ELX1 ELX2/8 DS714 PR8000	8/68 3/68 3/70 9/70 5/58 3/65 -/67 1/66	7.2-35.8 - - - 12.0 6-21 - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	89 300 4 50 20 27 31 23	34 50 0 200 - - 12 -	
Redifon Limited Crawley, Sussex, England (A) (Feb. 1972)	R2000	7/70	-	-	1	14	15	6	
Saab-Scania Aktiebolag Linköping, Sweden (A) (Mar. 1972)	D21 D22 D220	12/62 11/68 4/69	7.0 15.0 10.0	- - -	0 0 0	38 31 16	38 31 16	- 3 1	
Selenia S.p.A. Roma, Italy (A) (Mar. 1972)	G-16 GP-160	7/69 -	10.9 5.6	(S) (S)	0 -	95 -	95 -	38 250	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens	301	11/68	0.75	-	-	82	C
Munich, Germany	302	9/67	1.3	-	-	28	C
(A)	303	4/65	2.0	-	-	70	C
(July, 1971)	304	5/68	2.8	-	-	63	C
	305	11/67	4.5	-	-	93	C
	306	-	6.5	-	-	-	C
	2002	6/59	13.5	-	-	39	C
	3003	12/63	13.0	-	-	32	C
	4004/15/16	10/65	5.0	-	-	99	C
	4004/25/26	1/66	8.3	-	-	54	C
	4004/35	2/67	11.8	-	-	185	C
	4004/135	-	17.1	-	-	-	C
	4004/45	7/66	22.5	-	-	248	C
	4004/46	4/69	34.0	-	-	10	C
	4004/55	12/66	31.3	-	-	22	C
	4004/150	-	41.0	-	-	10	C
	4004/151	-	51.5	-	-	22	C
	404/3	-	1.9	-	-	-	C
	404/6	-	-	-	-	10	C
							Total: 298
USSR	BESM 4	-	-	-	-	C	C
(N)	BESM 6	-	-	-	-	C	C
(May 1969)	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIE	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C
						Total: 6000 E	Total: 6000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF APRIL 15, 1972

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)		NUMBER OF INSTALLATIONS		NUMBER OF UNFILED ORDERS	
					In U.S.A.	Outside U.S.A.		
Part I. United States Manufacturers								
Autonetics	RECOMP II	11/58	2.5		30	0	30	X
Anaheim, Calif. (R) (1/69)	RECOMP III	6/61	1.5		6	0	6	X
Bailey Meter Co.	Metrotype	10/57	40-2000		(S) 8	0	0	8
Wickliffe, Ohio	Bailey 750	6/60	40-250	(S)	37	15	52	0
(A) (1/72)	Bailey 755	11/61	200-600	(S)	7	6	7	0
	Bailey 756	2/65	60-400	(S)	15	12	27	2
	Bailey 855/15	12/72	50-400	(S)	0	0	0	2
	Bailey 855/25	4/68	100-1000		16	0	16	0
	Bailey 855/50	3/72	100-1000	(S)	0	0	0	9
Bunker-Ramo Corp.	BR-130	10/61	2.0		160	-	-	X
Westlake Village, Calif.	BR-133	5/64	2.4		79	-	-	X
(A)	BR-230	8/63	2.7		15	-	-	X
(4/72)	BR-300	3/59	3.0		18	-	-	X
	BR-330	12/60	4.0		19	-	-	X
	BR-340	12/63	7.0		19	-	-	X
	BR-1018	6/71	23.0	(S)	-	-	-	-
Burroughs	205	1/54	4.6		25-38	2	27-40	X
Detroit, Mich.	220	10/58	14.0		28-31	2	30-33	X
(N)	B100/B500	7/65	2.8-9.0		-	-	-	-
(1/69-5/69)	B2500	2/67	4.0		52-57	12	64-49	117
	B3500	5/67	14.0		44	18	62	190
	B5500	3/63	23.5		65-74	7	72-81	8
	B6500	2/68	33.0		4	-	4	60
	B7500	4/69	44.0		-	-	-	13
	B8500	8/67	200.0		1	-	1	5
Computer Automation, Inc.	108/208/808	6/68	5.0	(S)	165	10	175	110
Newport Calif.	116/216/816	3/69	8.0	(S)	215	20	235	225
(A) (6/71)								
Control Data Corp.	G15	7/55	1.6		-	-	295	X
Minneapolis, Minn.	G20	4/61	15.5		-	-	20	X
(R)	LGP-21	12/62	0.7		-	-	165	X
(7/71)	LGP-30	9/56	1.3		-	-	322	X
	RPC4000	1/61	1.9		-	-	75	X
	636/136/046 Series	-	-		-	-	29	-
	160/8090 Series	5/60	2.1-14.0		-	-	610	X
	924/924-A	8/61	11.0		-	-	29	X
	1604/A/B	1/60	45.0		-	-	59	X
	1700/SC	5/66	3.8		-	-	400-450	0
	3100/3150	5/64	10-16		-	-	83-110	C
	3200	5/64	13.0		-	-	55-60	C
	3300	9/65	20-38		-	-	200	C
	3400	11/64	18.0		-	-	20	C
	3500	8/68	25.0		-	-	15	C
	3600	6/23	52.0		-	-	40	C
	3800	2/66	53.0		-	-	20	C
	6400/6500	8/64	58.0		-	-	105	C
	6600	8/64	115.0		-	-	85	C
	6700	6/67	130.9		-	-	5	C
	7600	12/68	235.0		-	-	5	C
Total:								160 E
Data General Corp.	NOVA	2/69	8.0	(S)	-	-	891	-
Southboro, Mass.	SUPERNOVA	5/70	9.6	(S)	-	-	163	-
(A) (2/72)	NOVA 1200	12/71	5.4	(S)	-	-	950	-
	NOVA 800	3/71	6.9	(S)	-	-	122	-
	SUPERNOVA SC	6/71	11.9	(S)	-	-	15	-
Datacraft Corp.	6024/1	5/69	54-300	(S)	15	0	15	3
Ft. Lauderdale, Fla.	6024/3	2/70	33-200	(S)	91	13	104	54
(A) (4/72)	6024/5	12/71	16-50	(S)	0	0	0	31
Digiac Corp.	Digiac 3060	1/70	9.0	(S)	45	-	-	7
Plainview, N.Y.	Digiac 3080	12/64	19.5	(S)	16	-	-	0
(A) (7/71)	Digiac 3080C	10/67	25.0	(S)	8	-	-	1
Digital Computer Controls, Inc.	D-112	8/70	10.0	(S)	401	87	488	-
Fairfield, N.J.	D-116	1/72	10.0	(S)	36	0	36	-
(A) (4/72)								

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Honeywell (cont'd)	H1646	-	-	-	-	-	-
	H1648	11/68	12.0	-	-	20	-
	H1648A	-	-	-	-	-	-
IBM White Plains, N.Y. (N) (D) (6/71) Acknowledgment is given to G. M. Luhowy, GML Corp., Lex- ington, Mass., for help in es- timating many of these figures.	305	12/57	3.6	40	15	55	-
	650	10/67	4.8	50	18	68	-
	1130	2/66	1.5	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 I, II	9/60	4.1	285	186	471	-
	1800	1/66	5.1	415	148	563	-
	7010	10/63	26.0	67	17	84	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	2	-
	7044	6/63	36.5	28	13	41	-
	705	11/55	38.0	18	3	21	-
	7020, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-
	7080	8/61	60.0	13	2	15	-
	7090	11/59	63.5	4	2	6	-
	7094-I	9/62	75.0	10	4	14	-
	7094-II	4/64	83.0	6	4	10	-
	System/Model 6	3/71	1.0	-	-	-	-
	System/3 Model 10	1/70	1.1	-	-	-	-
	System/7	11/71	0.35 and up	-	-	-	-
	360/20	12/65	2.7	7161	6075	13236	1780
	360/25	1/68	5.1	1112	759	1871	1287
	360/30	5/65	10.3	5487	2535	8022	-
	360/40	4/65	19.3	2453	1524	3977	1363
	360/44	7/66	11.8	109	57	166	39
	360/50	8/65	29.1	1135	445	1580	662
	360/65	11/65	57.2	601	144	745	562
	360/67	10/65	133.8	57	6	63	99
	360/75	2/66	66.9	50	17	67	12
	360/85	12/69	150.3	11	1	12	55
	360/90	11/67	(S)	5	-	5	-
360/190	-	-	13	2	15	-	
360/195	4/71	232.0	-	-	-	48	
370/135	5/72	14.4	-	-	-	-	
370/145	9/71	23.3	-	-	-	-	
370/155	2/71	48.0	-	-	-	-	
370/165	5/71	98.7	-	-	-	-	
370/195	6/73	190.0-270.0	-	-	-	-	
Interdata Oceanport, N.J. (A) (10/71)	Model 1	12/70	3.7	150	50	200	50
	Model 3	5/67	-	N/A	-	200	X
	Model 4	8/68	8.5	260	115	375	40
	Model 5	11/70	10.5	70	20	90	10
	Model 15	1/69	20.0	40	24	64	X
	Model 16	5/71	14.7	1	5	6	12
	Model 18	6/71	24.7	2	6	8	8
	Model 70	10/71	6.8	0	0	0	60
	Microdata Corp. Santa Ana, Calif. (A) (4/72)	Micro 400	12/70	1.8-30	100	0	100
Micro 800		12/68	1.8-30	1340	400	1740	-
Micro 1600		12/71	1.8-30	50	2	52	-
NCR Dayton, Ohio (A) (1/72)	304	1/60	10.0	5	2	7	X
	310	5/61	2.5	8	0	8	X
	315	5/62	7.0	425	300	725	-
	315 RMC	9/65	9.0	125	50	175	-
	390	5/61	0.8	250	375	625	-
	500	10/65	1.0	1000	1700	2700	-
	Century 50	2/71	1.6	200	-	200	-
	Century 100	9/68	2.6	1500	525	2025	-
	Century 200	6/69	7.0	460	215	765	-
Century 300	2/72	20.0	0	0	0	-	
Philco Willow Grove, Pa. (N) (1/69)	1000	6/63	7.0	16	-	-	X
	200-210,211	10/58	40.0	16	-	-	X
	2000-212	1/63	52.0	12	-	-	X
RCA (see UNIVAC - Series 70)							
Raytheon Data Systems Co. Norwood, Mass. (A) (2/72)	250	12/60	1.2	115	20	135	X
	440	3/64	3.6	20	-	20	X
	520	10/65	3.2	26	1	27	X
	703	10/67	12.5 (S)	175	31	206	0
	704	3/70	8.0 (S)	180	40	220	40
	706	5/69	19.0 (S)	67	14	81	2
Scientific Control Corp. Dallas, Texas (A) (10/71)	4700	4/69	1.8	18	0	18	-
	DCT-132	5/69	0.9	24	35	59	-
Standard Computer Corp. Los Angeles, Calif. (A) (2/72)	IC 4000	12/68	9.0	9	0	9	2
	IC 6000-6000/E	5/67	16.0	3	0	3	-
	IC 7000	8/70	17.0	3	0	4	1
	IC-9000	5/71	400.0 (S)	1	0	1	-
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (4/72)	SYSTEMS 810B	9/68	2.6	156	7	163	(N)
	SYSTEMS 72	9/71	1.0	12	3	15	(N)
	SYSTEMS 85	7/72	6.0	-	-	-	(N)
	SYSTEMS 86	6/70	10.0	23	1	24	(N)
UNIVAC Div. of Sperry Rand New York, N.Y. (A) (4/72)	I & II	3/51 & 11/57	25.0	23	-	-	X
	III	8/62	21.0	25	6	31	X
	File Computers	8/56	15.0	13	-	-	X
	Solid-State 80 I,II, 90, I, II, & Step	8/58	8.0	210	-	-	X
	418	6/63	11.0	80	39	119	23
	490 Series	12/61	30.9	70	14	90	35

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
UNIVAC Div. of Sperry Rand (cont'd)	1004	2/63	1.9	1522	610	2132	-	
	1005	4/66	2.4	617	248	865	72	
	1050	9/63	8.5	136	59	195	-	
	1100 Series (except 1107, 1108)	12/50	35.0	9	0	9	X	
	1107	10/62	57.0	8	3	11	X	
	1108	9/65	68.0	103	129	232	58	
	9200	6/67	1.5	1106	835	1941	725	
	9300	9/67	3.4	412	62	474	510	
	9400	5/69	7.0	82	41	123	83	
	LARC	5/60	135.0	2	0	2	-	
	UNIVAC - Series 70 Blue Bell, Pa. (A) (1/1/72)	301	2/61	7.0	184	-	-	-
		501	6/59	14.0-18.0	16	-	-	-
		601	11/62	14.0-35.0	3	-	-	-
		3301	7/64	17.0-35.0	60	-	-	-
		Spectra 70/15, 25	9/65	4.3	17	-	-	-
		Spectra 70/35	1/67	9.2	112	-	-	-
		Spectra 70/45	11/65	22.5	330	-	-	-
Spectra 70/46		-	33.5	30	-	-	-	
Spectra 70/55		11/66	34.0	13	-	-	-	
Spectra 70/60		11/70	32.0	12	-	-	-	
Spectra 70/61		4/70	42.0	9	-	-	-	
70/2		5/71	16.0	51	-	-	-	
70/3		9/71	25.0	3	-	-	-	
70/6		9/71	25.0	11	-	-	-	
70/7	12/71	35.0	1	-	-	-		
Varian Data Machines Newport Beach, Calif. (A) (4/72)	620	11/65	-	-	-	75	X	
	620i	6/67	-	-	-	1300	X	
	R-2601	4/69	-	-	-	80	-	
	520/DC, 5201	12/69;10/68	-	-	-	350	-	
	620/f	11/70	-	-	-	150	-	
	620/L	4/71	-	-	-	330	-	
	620/f-100	-	-	-	-	-	1	
620/L-100	-	-	-	-	-	5		
Xerox Data Systems El Segundo, Calif. (N) (2/72)	XDS-92	4/65	1.5	10-6-	2	12-62	-	
	XDS-910	8/62	2.0	150-170	7-10	157-180	-	
	XDS-920	9/62	2.9	93-120	5-12	98-132	-	
	XDS-925	12/64	3.0	20	1	21	-	
	XDS-930	6/64	3.4	159	14	173	-	
	XDS-940	4/66	14.0	28-35	0	28-35	-	
	XDS-9300	11/64	8.5	21-25	1	22-26	-	
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-	
	Sigma 3	12/69	2.0	10	0	10	-	
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-	
	Sigma 6	6/70	12.0	-	-	-	-	
Sigma 7	12/66	12.0	24-35	5-9	29-44	-		
Sigma 9	-	35.0	-	-	-	-		

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF MAY 15, 1972

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL		NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
			(\$'000)		In U.S.A.	Outside U.S.A.	In World	
Part II. Manufacturers Outside United States								
A/S Norsk Data Elektronikk Oslo, Norway (A) (May 1972)	NORD-1 NORD-2B NORD-5 NORD-20	8/68 8/69 - 1/72	2.0 4.0 (S) - 3.5 (S)		0 0 0 0	82 20 1 7	82 20 1 7	16 X 0 4
A/S Regnecentralen Copenhagen, Denmark (A) (Jan. 1972)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0		0 0	40 19	40 19	0 3
Elbit Computers Ltd. Haifa, Israel (A) (Jan. 1972)	Elbit-100	10/67	4.9 (S)		-	-	300	20
GEC Computers Ltd. Hertfordshire, England (R) (Mar. 1972)	902 903,920B Marconi-Elliott 905 Marconi-Elliott 920M Marconi-Elliott 920C Myriad I Myriad II Marconi-Elliott M2140	5/68 12/65 5/69 7/67 7/68 1/66 11/67 10/69	- - - - - - - -		0 1 0 0 0 0 0 9	15 258 45 98 13 47 32 21	15 259 45 98 13 47 32 21	2 85 14 - 6 - - -
International Computers, Ltd. (ICL) London, England (A) (Jan. 1972)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 2200 160 160	6 7 58 1 59 13 17 30 22 16 83 22 68 196 110 4 2202 160 160	X X X X X X X X X X X X X X X X C C C
								Total: 400
Japanese Mfrs. (N) (Sept. 1970)	(Mfrs. of various models include: Nippon Electric Co., Fujitsu, Hitachi, Ltd., Toshiba, Oki Electric Industry Co., and Mitsubishi Electric Corp.)						Total: 4150 E	Total: 800 E
Marconi Co., Ltd. see GEC Computers Ltd. above								
N.V. Philips Electrologica The Netherlands (A) (Jan. 1972)	P1000 P9200 P9200 t.s. P-800 ELX1 ELX2/8 DS714 PR8000	8/68 3/68 3/70 9/70 5/58 3/65 -/67 1/66	7.2-35.8 - - - 12.0 6-21 - -		- - - - - - - -	- - - - - - - -	89 300 4 50 20 27 31 23	34 50 0 200 - - 12 -
Redifon Limited Crawley, Sussex, England (A) (May, 1972)	R2000	7/70	-		1	13	14	6
Saab-Scania Aktiebolag Linkoping, Sweden (A) (May, 1972)	D21 D22 D220	12/62 11/68 4/69	7.0 15.0 10.0		0 0 0	38 31 16	38 33 16	- 3 2
Selenia S.p.A. Roma, Italy (A) (Mar. 1972)	G-16 GP-160	7/69 -	10.9 (S) 5.6 (S)		0 -	95 -	95 -	38 250
Siemens Munich, Germany (A) (April, 1972)	301 302 303 304	11/68 1/68 4/65 5/68	0.9 2.1 2.7 4.5		- - - -	- - - -	99 30 71 79	14 6 1 15

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens (cont'd)	305	2/68	6.1	-	-	113	16
	306	6/70	7.9	-	-	23	5
	2002	6/59	16.4	-	-	39	-
	3003	12/63	15.8	-	-	32	-
	4004/15/16	10/65	6.1	-	-	102	2
	4004/25/26	1/66	10.0	-	-	68	16
	4004/35	2/67	14.2	-	-	211	39
	4004/135	10/72	20.5	-	-	15	49
	4004/45	7/66	27.3	-	-	340	31
	4004/46	4/69	41.0	-	-	15	1
	4004/55/60	7/66	35.0	-	-	27	-
	4004/150	10/72	49.0	-	-	4	47
	4004/151	10/72	61.0	-	-	3	-
	404/3	4/71	2.1	-	-	19	12
	404/6	10/71	4.5	-	-	32	43
							Total: 1251
USSR	BESM 4	-	-	-	-	C	C
(N)	BESM 6	-	-	-	-	C	C
(May 1969)	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIE	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	URAL 11/14/16	-	-	-	-	C	C
	and others						
						Total: 6000 E	Total: 6000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF JUNE 15, 1972

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)		NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
					In U.S.A.	Outside U.S.A.	In World	
Part I. United States Manufacturers								
Autometrics	RECOMP II	11/58	X		30	0	30	X
Anaheim, Calif. (R) (1/69)	RECOMP III	6/61	X		6	0	6	X
Bailey Meter Co.	Metrotype	10/57	40-200	(S)	8	0	8	0
Wickliffe, Ohio	Bailey 750	6/60	40-250	(S)	37	15	52	0
(A) (6/72)	Bailey 755	11/61	200-600	(S)	7	0	7	0
	Bailey 756	2/65	60-400	(S)	15	12	27	2
	Bailey 855/15	12/72	50-400	(S)	0	0	0	2
	Bailey 855/25	4/68	100-1000	(S)	16	0	16	0
	Bailey 855/50	3/72	100-1000	(S)	0	0	0	12
Bunker-Ramo Corp.	BR-130	10/61	X		160	-	-	X
Westlake Village, Calif.	BR-133	5/64	X		79	-	-	X
(A)	BR-230	8/63	X		15	-	-	X
(4/72)	BR-300	3/59	X		18	-	-	X
	BR-330	12/60	X		19	-	-	X
	BR-340	12/63	X		19	-	-	X
	BR-1018	6/71	23.0	(S)	-	-	-	-
Burroughs	205	1/54	X		25-38	2	27-40	X
Detroit, Mich.	220	10/58	X		28-31	2	30-33	X
(N)	B100/B500	7/65	2.8-9.0		-	-	-	-
(1/69-5/69)	B2500	2/67	4.0		52-57	12	64-49	117
	B3500	5/67	14.0		44	18	62	190
	B5500	3/63	23.5		65-74	7	72-81	8
	B6500	2/68	33.0		4	-	4	60
	B7500	4/69	44.0		-	-	-	13
	B8500	8/67	200.0		1	-	1	5
Computer Automation, Inc.	108/208/808	6/68	5.0	(S)	165	10	175	110
Newport, Calif.	116/216/816	3/69	8.0	(S)	215	20	235	225
(A) (4/71)								
Consultronics, Inc.	4700	4/69	1.8		18	0	18	-
Garland, Texas	DCT-132	5/69	0.9		35	85	120	-
(A) (6/72)								
Control Data Corp.	G15	7/55	X		-	-	295	X
Minneapolis, Minn.	G20	4/61	X		-	-	20	X
(R)	LCP-21	12/62	X		-	-	165	X
(7/71)	LCP-30	9/56	X		-	-	322	X
	RPC4000	1/61	X		-	-	75	X
	636/136/046 Series	-	-		-	-	29	-
	160/8090 Series	5/60	X		-	-	610	X
	921/924-A	8/61	X		-	-	29	X
	1604/A/B	1/60	X		-	-	59	X
	1700/SC	5/66	3.8		-	-	425-475	0
	3100/3150	5/64	10-16		-	-	83-110	C
	3200	5/64	13.0		-	-	55-60	C
	3300	9/65	20-38		-	-	205	C
	3400	11/64	18.0		-	-	15	C
	3500	8/68	25.0		-	-	15	C
	3600	6/63	52.0		-	-	40	C
	3800	2/66	53.0		-	-	20	C
	6200/6400/6500	8/64	58.0		-	-	108	C
	6600	8/64	115.0		-	-	85	C
	6700	6/67	130.9		-	-	5	C
	7600	12/68	235.0		-	-	8	C
								Total:
								160 E
Data General Corp.	Nova	2/69	9.2	(S)	-	-	910	-
Southboro, Mass.	Supernova	5/70	9.6	(S)	-	-	190	-
(A) (6/72)	Nova 1200	12/71	5.4	(S)	-	-	1350	-
	Nova 800	3/71	6.9	(S)	-	-	190	-
	Nova 1210, 1220	2/72	4.2;5.2	(S)	-	-	10	-
Datacraft Corp.	6024/1	5/69	54-300	(S)	16	0	16	2
Ft. Lauderdale, Fla.	6024/3	2/70	33-200	(S)	94	13	107	53
(A) (7/72)	6024/5	12/71	16-50	(S)	2	0	2	35
Digiac Corp.	Digiac 3060	1/70	9.0	(S)	78	-	78	8
Plainview, N.Y.	Digiac 3080	12/64	X		16	-	16	X
(A) (5/72)	Digiac 3080C	10/67	X		8	-	8	X

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL		NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
			(\$'000)		In U.S.A.	Outside U.S.A.	In World	
Digital Computer Controls, Inc. Fairfield, N.J. (A) (6/72)	D-112	8/70	10.0	(S)	496	87	583	-
	D-116	1/72	10.0	(S)	69	2	71	-
Digital Equipment Corp. Maynard, Mass. (A) (5/72)	PDP-1	11/60	X		48	2	50	X
	PDP-4	8/62	X		40	5	45	X
	PDP-5	9/63	X		90	10	100	X
	PDP-6	10/64	X		C	C	23	X
	PDP-7	11/64	X		C	C	100	X
	PDP-8	4/65	X		C	C	1402	X
	PDP-8/I	3/68	X		C	C	3127	X
	PDP-8/S	9/66	X		C	C	918	X
	PDP-8/L	11/68	X		C	C	3699	X
	PDP-8/E	-	4.9	(S)	C	C	3787	-
	PDP-8/M	-	3.9	(S)	C	C	365	-
	PDP-8/F	5/72	3.9	(S)	C	C	2	-
	PDP-9	12/66	X		C	C	436	X
	PDP-9L	11/68	X		C	C	40	X
	DECSys-10	12/67	700-3000	(S)	C	C	243	-
	PDP-11/20	-	10.8	(S)	C	C	2740	-
	PDP-11R20	-	13.8	(S)	C	C	14	-
	PDP-11/05	-	10.8	(S)	0	0	0	-
	PDP-11/45	-	-		0	0	0	-
	PDP-12	9/69	-		C	C	620	-
	PDP-15	2/61	17.0	(S)	C	C	545	-
	LINC-8	9/66	X		C	C	200	X
							Total:	
							18456	
Electronic Associates Inc. Long Branch, N.J. (A) (4/72)	640	4/67	1.2		107	60	167	4
	8400	7/67	12.0		20	8	28	1
	PACER 100	-	17.2	(S)	0	0	0	0
EMR Computer Minneapolis, Minn. (A) (4/72)	EMR 6020	4/65	5.4		-	-	-	-
	EMR 6040	7/65	6.6		-	-	-	-
	EMR 6050	2/66	9.0		-	-	-	-
	EMR 6070	10/66	15.0		-	-	-	-
	EMR 6130	8/67	5.0		-	-	48	0
	EMR 6135	-	2.6		-	-	28	8
EMR 6000	-	-		-	-	53	1	
General Automation, Inc. Anaheim, Calif. (A) (6/72)	SPC-12	1/68	-		-	-	1200	-
	SPC-16	5/70	-		-	-	400	-
	System 18/30	7/69	-		-	-	150	-
General Electric West Lynn, Mass. (Process Control Computers) (A) (6/72)	GE-PAC 3010	5/70	2.0		10	0	10	25
	GE-PAC 4010	10/70	6.0		21	3	24	32
	GE-PAC 4020	2/67	6.0		197	59	256	36
	GE-PAC 4040	8/64	X		45	20	65	X
	GE-PAC 4050	12/66	7.0		23	2	25	1
	GE-PAC 4060	6/65	X		18	2	20	X
Hewlett Packard Cupertino, Calif. (A) (8/71)	2114A, 2114B	10/68	0.25		-	-	1182	-
	2115A	11/67	0.41		-	-	333	-
	2116A, 2116B, 2116C	11/66	0.6		-	-	1171	-
Honeywell Information Systems Wellesley Hills, Mass. (R) (6/72)	G58	5/70	1.0		-	-	-	-
	G105A	6/69	1.3		-	-	-	-
	G105B	6/69	1.4		-	-	-	-
	G105RTS	7/69	1.2		-	-	-	-
	G115	4/66	2.2		200-400	420-680	620-1080	-
	G120	3/69	2.9		-	-	-	-
	G130	12/68	4.5		-	-	-	-
	G205	6/64	X		11	0	11	X
	G210	7/60	X		35	0	35	X
	G215	9/63	X		15	1	16	X
	G225	4/61	X		145	15	160	X
	G235	4/64	X		40-60	17	57-77	X
	G245	11/68	X		3	-	3	X
	G255 T/S	10/67	X		15-20	-	15-20	X
	G265 T/S	10/65	X		45-60	15-30	60-90	X
	G275 T/S	11/68	X		-	-	10	X
	G405	2/68	6.8		10-40	5	15-45	-
	G410 T/S	11/69	1.0		-	-	-	-
	G415	5/64	7.3		70-100	240-400	240-400	-
	G420 T/S	6/67	23.0		-	-	-	-
	G425	6/64	9.6		50-100	20-30	70-130	-
	G430 T/S	6/69	17.0		-	-	-	-
	G435	9/65	14.0		20	6	26	-
	G440 T/S	7/69	25.0		-	-	-	-
	G615	3/68	32.0		-	-	-	-
	G625	4/65	X		23	3	26	X
	G635	5/65	47.0		20-40	3	23-43	-
	H-110	8/68	2-7		180	7	255	0
	H-115	6/70	3.5		30	-	30	-
	H-120	1/66	4.8		800	160	960	-
	H-125	12/67	7.0		150	220	370	-
	H-200	3/64	7.5		800	275	1075	-
	H-400	12/61	10.5		46	40	86	X
	H-800	12/60	30.0		58	15	73	X
	H-1200	2/66	9.8		230	90	320	-
	H-1250	7/68	12.0		130	55	185	-
H-1400	1/64	14.0		4	6	10	X	
H-1800	1/64	50.0		15	5	20	X	
H-2200	1/66	18.0		125	60	185	-	
H-3200	2/70	24.0		20	2	22	-	
H-4200	8/68	32.5		18	2	20	-	
H-8200	12/68	50.0		10	3	13	-	
DDP-24	5/63	2.65		-	-	90	X	
DDP-116	4/65	X		-	-	250	X	
DDP-124	3/66	X		-	-	250	X	
DDP-224	3/65	X		-	-	60	X	
DDP-316	6/69	0.6		-	-	450	-	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Honeywell (cont'd)	DDP-416	-	X	-	-	350	X
	DDP-516	9/66	1.2	-	-	900	-
	H112	10/69	-	-	-	75	-
	H632	12/68	3.2	-	-	12	-
	H1602	-	-	-	-	-	-
	H1642	-	-	-	-	-	-
	H1644	-	-	-	-	-	-
	H1646	-	-	-	-	-	-
	H1648	11/68	12.0	-	-	20	-
	H1648A	-	-	-	-	-	-
IBM White Plains, N.Y. (N) (D) (6/71)	305	12/57	3.6	40	15	55	-
	650	10/67	4.8	50	18	68	-
	1130	2/66	1.5	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 I, II	9/60	4.1	285	186	471	-
	1800	1/66	5.1	415	148	563	-
	7010	10/63	26.0	67	17	84	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	2	-
	7044	6/63	36.5	28	13	41	-
	705	11/55	38.0	18	3	21	-
	7020, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-
	7080	8/61	60.0	13	2	15	-
	7090	11/59	63.5	4	2	6	-
	7094-I	9/62	75.0	10	4	14	-
	7094-II	4/64	83.0	6	4	10	-
	System/3 Model 6	3/71	1.0	-	-	-	-
	System/3 Model 10	1/70	1.1	-	-	-	-
	System/7	11/71	0.35 and up	-	-	-	-
	360/20	12/65	2.7	7161	6075	13236	1780
	360/25	1/68	5.1	1112	759	1871	1287
	360/30	5/65	10.3	5487	2535	8022	-
	360/40	4/65	19.3	2453	1524	3977	1363
	360/44	7/66	11.8	109	57	166	39
	360/50	8/65	29.1	1135	445	1580	662
	360/65	11/65	57.2	601	144	745	562
	360/67	10/65	133.8	57	6	63	99
	360/75	2/66	66.9	50	17	67	12
	360/85	12/69	150.3	11	1	12	55
	360/90	11/67	(S)	5	-	5	-
360/190	-	-	13	2	15	-	
360/195	4/71	232.0	-	-	-	48	
370/135	5/72	14.4	-	-	-	-	
370/145	9/71	23.3	-	-	-	-	
370/155	2/71	48.0	-	-	-	-	
370/165	5/71	98.7	-	-	-	-	
370/195	6/73	190.0-270.0	-	-	-	-	
Interdata Oceanport, N.J. (A) (4/72)	Model 1	12/70	3.7	175	70	245	100
	Model 3	5/67	-	-	-	200	X
	Model 4	8/68	8.5	270	115	385	40
	Model 5	11/70	X	70	20	90	X
	Model 15	1/69	20.0	40	24	64	X
	Model 16	5/71	X	1	5	6	X
	Model 18	6/71	X	2	6	8	X
	Model 50	5/72	6.8	3	1	4	15
	Model 70	10/71	6.8	130	15	145	110
Microdata Corp. Santa Ana, Calif. (A) (4/72)	Micro 400	12/70	1.8-30	100	0	100	-
	Micro 800	12/68	1.8-30	1340	400	1740	-
	Micro 1600	12/71	1.8-30	50	2	52	-
NCR Dayton, Ohio (A) (2/72)	304	1/60	X	5	2	7	X
	310	5/61	X	8	0	8	X
	315	5/62	7.0	425	300	725	-
	315 RMC	9/65	9.0	125	50	175	-
	390	5/61	0.7	250	375	625	-
	500	10/65	1.0	1000	1700	2700	-
	Century 50	2/71	1.6	200	-	200	-
	Century 100	9/68	2.6	1500	525	2025	-
	Century 200	6/69	7.0	460	215	675	-
Century 300	2/72	21.0	0	0	0	-	
Philco Willow Grove, Pa. (N) (1/69)	1000	6/63	X	16	-	-	X
	200-210, 211	10/58	X	16	-	-	X
	2000-212	1/63	X	12	-	-	X
Raytheon Data Systems Co. Norwood, Mass. (A) (4/72)	250	12/60	X	115	20	135	X
	440	3/64	X	20	-	20	X
	520	10/65	X	26	1	27	X
	703	10/67	12.5 (S)	175	31	206	0
	704	3/70	8.0 (S)	195	44	239	30
	706	5/69	19.0 (S)	69	14	83	3
Scientific Control Corp. purchased by Consultronics, Inc., which see							
Standard Computer Corp. Los Angeles, Calif. (A) (6/72)	IC 4000	12/68	9.0	9	0	9	2
	IC 6000-6000/E	5/67	16.0	3	0	3	-
	IC 7000	8/70	17.0	4	0	4	1
	IC-9000	5/71	400.0 (S)	1	0	1	-
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (6/72)	SYSTEMS 810B	9/68	2.6	162	8	170	-
	SYSTEMS 71	8/72	.9	-	-	-	-
	SYSTEMS 72	9/71	1.0	12	3	15	-
	SYSTEMS 85	7/72	6.0	-	-	-	-
	SYSTEMS 86	6/70	10.0	24	1	25	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
UNIVAC Div. of Sperry Rand New York, N.Y. (A) (4/72)	I & II	3/51 & 11/57	X	23	-	-	X
	III	8/62	X	25	6	31	X
	File Computers	8/56	X	13	-	-	X
	Solid-State 80 I,II, 90, I, II, & Step	8/58	X	210	-	-	X
	418	6/63	11.0	80	39	119	23 E
	490 Series	12/61	30.0	76	14	90	15
	1004	2/63	1.9	1522	610	2132	-
	1005	4/66	2.4	617	248	865	72
	1050	9/63	8.5	136	59	195	-
	1100 Series (except 1107, 1108)	12/50	X	9	0	9	X
	1107	10/62	X	8	3	11	X
	1108	9/65	68.0	103	129	232	58 E
	9200	6/67	1.5	1106	835	1941	725
	9300	9/67	3.4	412	62	474	510 E
	9400	5/69	7.0	82	41	123	83 E
	LARC	5/60	135.0	2	0	2	-
	301	2/61	7.0	154	-	-	-
	501	6/59	14.0-18.0	20	-	-	-
	601	11/62	14.0-35.0	3	-	-	-
	3301	7/64	17.0-35.0	78	-	-	-
	Spectra 70/15, 25	9/65	4.3	23	-	-	-
	Spectra 70/35	1/67	9.2	116	-	-	-
	Spectra 70/45	11/65	22.5	312	-	-	-
Spectra 70/46	-	33.5	38	-	-	-	
Spectra 70/55	11/66	34.0	14	-	-	-	
Spectra 70/60	11/70	32.0	10	-	-	-	
Spectra 70/61	4/70	42.0	10	-	-	-	
70/2	5/71	16.0	50	-	-	-	
70/3	9/71	25.0	2	-	-	-	
70/6	9/71	25.0	13	-	-	-	
70/7	12/71	35.0	3	-	-	-	
Varian Data Machines Newport Beach, Calif. (A) (6/72)	620	11/65	X	-	-	75	X
	620i	6/67	X	-	-	1300	X
	R-620i	4/69	-	-	-	80	-
	520/DC, 520i	12/69;10/68	-	-	-	350	-
	620/f	11/70	-	-	-	199	10
	620/L	4/71	-	-	-	436	125
	620/f-100	-	-	-	-	-	18
	620/L-100	5/72	-	-	-	7	15
	Varian 73	-	-	-	-	-	5
Xerox Data Systems El Segundo, Calif. (N) (2/72)	XDS-92	4/65	1.5	43	4	47	-
	XDS-910	8/62	2.0	170	7-10	177-180	-
	XDS-920	9/62	2.9	120	5-12	125-132	-
	XDS-925	12/64	3.0	10-20	1	10-21	-
	XDS-930	6/64	3.4	159	14	173	-
	XDS-940	4/66	14.0	28-38	3	28-41	-
	XDS-9300	11/64	8.5	25-30	4	25-34	-
	Sigma 2	12/66	1.8	60-110	10-15	70-125	-
	Sigma 3	12/69	2.0	10	0	10	-
	Sigma 5	8/67	6.0	15-40	6-18	21-58	-
	Sigma 6	6/70	12.0	-	-	-	-
	Sigma 7	12/66	12.0	24-35	5-9	29-44	-
	Sigma 9	-	35.0	-	-	-	-

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) ---acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF JULY 15, 1972

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)		NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS	
					In U.S.A.	Outside U.S.A.	In World		
Part II. Manufacturers Outside United States									
A/S Norsk Data Elektronikk Oslo, Norway (A) (May 1972)	NORD-1 NORD-2B NORD-5 NORD-20	8/68 8/69 - 1/72	2.0 4.0 - 3.5	(S) (S)	0 0 0 0	82 20 1 7	82 20 1 7	16 X 0 4	
A/S Regnecentralen Copenhagen, Denmark (A) (Jan. 1972)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0		0 0	40 19	40 19	0 3	
Elbit Computers Ltd. Haifa, Israel (A) (Jan. 1972)	Elbit-100	10/67	4.9	(S)	-	-	300	20	
GEC Computers Ltd. Hertfordshire, England (R) (Mar. 1972)	902 903, 920B Marconi-Elliott 905 Marconi-Elliott 920M Marconi-Elliott 920C Myriad I Myriad II Marconi-Elliott M2140	5/68 12/65 5/69 7/67 7/68 1/66 11/67 10/69	- - - - - - - -		0 1 0 0 0 0 0 9	15 258 45 98 13 47 32 21	15 259 45 98 13 47 32 21	2 85 14 - 6 - - -	
International Computers, Ltd. (ICL) London, England (A) (July 1972)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0	6 2 34 1 43 4 10 9 8 18 107 22 68 196 110 4 2200 160 160	6 2 34 1 43 4 10 9 8 18 107 22 68 196 110 4 2202 160 160	X X X X X X X X X X X X X X X X - - -	
Japanese Mfrs. (N) (Sept. 1970)	(Mfrs. of various models include: Nippon Electric Co., Fujitsu, Hitachi, Ltd., Toshiba, Oki Electric Industry Co., and Mitsubishi Electric Corp.)						Total: 4150 E	Total: 800 E	
N.V. Philips Electrologica The Netherlands (A) (Jan. 1972)	P1000 P9200 P9200 t.s. P-800 ELX1 ELX2/8 DS714 PR8000	8/68 3/68 3/70 9/70 5/58 3/65 -/67 1/66	7.2-35.8 - - - 12.0 6-21 - -		- - - - - - - -	- - - - - - - -	89 300 4 50 20 27 31 23	34 50 0 200 - - 12 -	
Redifon Limited Crawley, Sussex, England (A) (May 1972)	R2000	7/70	-		1	13	14	6	
Saab-Scania Aktiebolag Linköping, Sweden (A) (May 1972)	D21 D22 D220	12/62 11/68 4/69	7.0 15.0 10.0		0 0 0	38 31 16	38 33 16	- 3 2	
Selenia S.p.A. Roma, Italy (A) (Mar. 1972)	G-16 GP-160	7/69 -	10.9 5.6	(S) (S)	0 -	95 -	95 -	38 250	
Siemens Munich, Germany (A) (April, 1972)	301 302 303 304	11/68 1/68 4/65 5/68	0.9 2.1 2.7 4.5		- - - -	- - - -	99 30 71 79	14 6 1 15	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens (Cont'd)	305	2/68	6.1	-	-	113	16
	306	6/70	7.9	-	-	23	5
	2002	6/59	16.4	-	-	39	-
	3003	12/63	15.8	-	-	32	-
	4004/15/16	10/65	6.1	-	-	102	2
	4004/25/26	1/66	10.0	-	-	68	16
	4004/35	2/67	14.2	-	-	211	39
	4004/135	10/72	20.5	-	-	15	49
	4004/45	7/66	27.3	-	-	340	31
	4004/46	4/69	41.0	-	-	15	1
	4004/55/60	7/66	35.0	-	-	27	-
	4004/150	10/72	49.0	-	-	4	47
	4004/151	10/72	61.0	-	-	3	-
	404/3	4/71	2.1	-	-	19	12
	404/6	10/71	4.5	-	-	32	43
							Total: 1251
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C
	BESM 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIE	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C
						Total: 6000 E	Total: 6000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald.
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF SEPTEMBER 15, 1972

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Part II. Manufacturers Outside United States								
A/S Norsk Data Elektronikk Oslo, Norway (A) (Sept. 1972)	NORD-1 NORD-2B NORD-5 NORD-20	8/68 8/69 - 1/72	2.0 4.0 - 3.5	(S) - - (S)	0 0 0 0	82 20 1 7	82 20 1 7	18 X 0 7
A/S Regnecentralen Copenhagen, Denmark (A) (Jan. 1972)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	- -	0 0	40 19	40 19	40 3
Elbit Computers Ltd. Haifa, Israel (A) (Sept. 1972)	Elbit-100	10/67	4.9	(S)	-	-	315	15
GEC Computers Ltd. Borehamwood, Hertfordshire England (A) (Sept. 1972)	902 903, 920B GEC 905 GEC 920M GEC 920C Myriad I Myriad II GEC M2140 GEC 2050	5/68 12/65 5/69 7/67 7/68 1/66 11/67 10/69 6/72	- - - - - - - - -	- - - - - - - - -	0 1 0 0 0 0 9 0	17 464 77 130 19 47 32 21 5	17 465 77 130 19 47 32 30 5	0 19 1 103 0 0 0 0 32
International Computers, Ltd. (ICL) London, England (A) (Sept. 1972)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	- - - - - - - - - - - - - - - - - - -	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2200 100 200	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2202 100 200	X X X X X X X X X X X X X X X X X X X -
Japanese Mfrs. (N) (Sept. 1970)	(Mfrs. of various models include: Nippon Electric Co., Fujitsu, Hitachi, Ltd., Toshiba, Oki Electric Industry Co., and Mitsubishi Electric Corp.)						Total: 4150 E	Total: 800 E
N.V. Philips Electronica Apeldoorn, The Netherlands (A) (Aug. 1972)	P1000 P9200 P9200 t.s. P880 P850/55/60 ELX DS 714 DS 18 PR 8000	8/68 3/68 3/70 9/70 9/70 5/58 -/67 9/72 1/66	7.2-35.8 - - - - 6-21 - - - -	- - - - - - - - - -	- - - - - - - - - -	105 300 5 29 40 42 33 - 23	39 25 1 16 290 - 15 9 -	
Redifon Limited Crawley, Sussex, England (A) (May 1972)	R2000	7/70	-	-	1	13	14	6
Saab-Scania Aktiebolag Linkoping, Sweden (A) (July 1972)	D21 D22 D220	12/62 11/68 4/69	7.0 15.0 10.0	- - -	0 0 0	38 33 16	38 33 16	- 3 2
Selenia S.p.A. Roma, Italy (A) (Aug. 1972)	G-16 GP-160	7/69 -	10.9 5.6	(S) (S)	0 -	118 -	118 -	51 250
Siemens Munich, Germany (A) (Aug. 1972)	301 302 303 304	11/68 1/68 4/65 5/68	0.9 2.1 2.7 4.5	- - - -	- - - -	- - - -	103 30 70 80	15 7 2 14

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens (Continued)							
	305	2/68	6.1	-	-	117	16
	306	6/70	7.9	-	-	28	6
	2002	6/59	16.4	-	-	41	-
	3003	12/63	15.8	-	-	34	-
	4004/15/16	10/65	6.1	-	-	101	2
	4004/25/26	1/66	10.0	-	-	79	16
	4004/35	2/67	14.2	-	-	213	50
	4004/135	10/71	20.5	-	-	51	42
	4004/45	7/66	27.3	-	-	355	34
	4004/46	4/69	41.0	-	-	16	1
	4004/55/60	7/66	35.0	-	-	27	-
	4004/150	2/72	49.0	-	-	18	53
	4004/151	3/72	61.0	-	-	4	4
	404/3	4/71	2.1	-	-	29	10
	404/6	10/71	4.5	-	-	39	47
						Total: 1435	Total: 319
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C
	BESM 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIE	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C
						Total: 6000 E	Total: 6000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF DECEMBER 15, 1972

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part I. United States Manufacturers							
Adage, Inc. Brighton, Mass. (A) (11/72)	AGT 10 Series	4/68	X	32	3	35	X
	AGT 100 Series	1/72	100-300	(S) 8	3	11	3
Autonetics Anaheim, Calif. (R) (1/69)	RECOMP II	11/58	X	30	0	30	X
	RECOMP III	6/61	X	6	0	6	X
Bailey Meter Co. Wickliffe, Ohio (A) (6/72)	Metrotype	10/57	40-200	(S) 8	0	8	0
	Bailey 750	6/60	40-250	(S) 37	15	52	0
	Bailey 755	11/61	200-600	(S) 7	0	7	0
	Bailey 756	2/65	60-400	(S) 15	12	27	2
	Bailey 855/15	12/72	50-400	(S) 0	0	0	2
	Bailey 855/25	4/68	100-1000	(S) 16	0	16	0
Bunker-Ramo Corp. Westlake Village, Calif. (A) (12/72)	Bailey 855/50	3/72	100-1000	(S) 0	0	0	12
	BR-130	10/61	X	160	-	-	X
	BR-133	5/64	X	79	-	-	X
	BR-230	8/63	X	15	-	-	X
	BR-300	3/59	X	18	-	-	X
	BR-330	12/60	X	19	-	-	X
	BR-340	12/63	X	19	-	-	X
	BR-1018	6/71	23.0	(S) -	-	-	-
Burroughs Detroit, Mich. (N) (12/72)	BR-1018C	9/72	-	-	-	-	-
	205	1/54	X	25-38	2	27-40	X
	220	10/58	X	28-31	2	30-33	X
	B100/B500	7/65	2.8-9.0	-	-	-	-
	B2500	2/67	4.0	52-57	12	64-49	117
	B3500	5/67	14.0	45	18	62	190
	B5500	3/63	23.5	65-74	7	72-81	8
	B5700	-	-	1	-	-	-
	B6500	2/68	33.0	4	-	4	60
	B6700	-	-	1	-	-	-
	B7500	4/69	44.0	-	-	-	13
Computer Automation, Inc. Newport, Calif. (A) (4/71)	B8500	8/67	200.0	1	-	1	5
	108/208/808	6/68	5.0	(S) 165	10	175	110
Consultronics, Inc. Garland, Texas (A) (12/72)	116/216/816	3/69	8.0	(S) 215	20	235	225
	DCT-132	5/69	0.7	35	65	100	-
Control Data Corp. Minneapolis, Minn. (R) (7/71)	GL5	7/55	X	-	-	295	X
	G20	4/61	X	-	-	20	X
	LGP-21	12/62	X	-	-	165	X
	LGP-30	9/56	X	-	-	322	X
	RPC4000	1/61	X	-	-	75	X
	636/136/046 Series	-	-	-	-	29	-
	160/8090 Series	5/60	X	-	-	610	X
	921/924-A	8/61	X	-	-	29	X
	1604/A/B	1/60	X	-	-	59	X
	1700/SC	5/66	3.8	-	-	425-475	0
	3100/3150	5/64	10-16	-	-	83-110	C
	3200	5/64	13.0	-	-	55-60	C
	3300	9/65	20-38	-	-	205	C
	3400	11/64	18.0	-	-	15	C
	3500	8/68	25.0	-	-	15	C
	3600	6/63	52.0	-	-	40	C
	3800	2/66	53.0	-	-	20	C
6200/6400/6500	8/64	58.0	-	-	108	C	
6600	8/64	115.0	-	-	85	C	
6700	6/67	130.9	-	-	5	C	
7600	12/68	235.0	-	-	8	C	
Total:							160 E
Data General Corp. Southboro, Mass. (A) (11/72)	Nova	2/69	9.2	(S) -	-	920	-
	Supernova	5/70	9.6	(S) -	-	200	-
	Nova 1200	12/71	5.4	(S) -	-	2100	-
	Nova 800	3/71	6.9	(S) -	-	310	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	RANGE	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
					In U.S.A.	Outside U.S.A.	In World	
Data General (cont'd)	Nova 1210/1220	2/72	4.2;5.2	(S)	-	-	535	-
	Nova 820	4/72	6.4	(S)	-	-	85	-
Datacraft Corp.	6024/1	5/69	52-300	(S)	17	0	17	2
Ft. Lauderdale, Fla.	6024/3	2/70	33-200	(S)	108	13	121	55
(A) (11/72)	6024/5	12/71	11-80	(S)	28	0	28	65
Digiac Corp.	Digiac 3060	1/70	9.0	(S)	78	-	78	8
Plainview, N.Y.	Digiac 3080	12/64	X		16	-	16	X
(A) (5/72)	Digiac 3080C	10/67	X		8	-	8	X
Digital Computer Controls, Inc.	D-112	8/70	10.0	(S)	634	100	734	-
Fairfield, N.J.	D-116	1/72	10.0	(S)	488	30	518	-
(A) (11/72)								
Digital Equipment Corp.	PDP-1	11/60	X		48	2	50	X
Maynard, Mass.	PDP-4	8/62	X		40	5	45	X
(A) (5/72)	PDP-5	9/63	X		90	10	100	X
	PDP-6	10/64	X		-	-	23	X
	PDP-7	11/64	X		-	-	100	X
	PDP-8	4/65	X		-	-	1402	X
	PDP-8/I	3/68	X		-	-	3127	X
	PDP-8/S	9/66	X		-	-	918	X
	PDP-8/L	11/68	X		-	-	3699	X
	PDP-8/E	-	4.9	(S)	-	-	3787	-
	PDP-8/M	-	3.9	(S)	-	-	365	-
	PDP-8/F	5/72	3.9	(S)	-	-	2	-
	PDP-9	12/66	X		-	-	436	X
	PDP-9L	11/68	X		-	-	40	X
	DECSystem-10	12/67	700-3000	(S)	-	-	243	-
	PDP-11/20	-	10.8	(S)	-	-	2740	-
	PDP-11R20	-	13.8	(S)	-	-	14	-
	PDP-11/05	-	10.8	(S)	0	0	0	-
	PDP-11/45	-	-		0	0	0	-
	PDP-12	9/69	-		-	-	620	-
	PDP-15	2/61	17.0	(S)	-	-	545	-
	LINC-8	9/66	X		-	-	200	X
							Total:	
							18456	
Electronic Associates Inc.	640	4/67	1.2		109	61	170	1
West Long Branch, N.J.	8400	7/67	12.0		21	8	29	0
(A) (11/72)	PACER 100	7/72	1.0		12	18	30	18
EMR Computer	EMR 6020	4/65	5.4		15	1	16	0
Minneapolis, Minn.	EMR 6040	7/65	6.6		6	0	6	0
(A) (11/72)	EMR 6050	2/66	9.0		15	2	17	0
	EMR 6070	10/66	15.0		7	8	15	0
	EMR 6130	8/67	5.0		34	13	47	0
	EMR 6135	-	2.6		36	5	41	4
	EMR 6145	-	7.2		-	-	-	8
	EMR 6140	-	-		-	-	-	0
General Automation, Inc.	SPC-12	1/68	-		-	-	1400	-
Anaheim, Calif.	SPC-16	5/70	-		-	-	800	-
(A) (8/72)	System 18/30	7/69	-		-	-	200	-
General Electric	GE-PAC 3010	5/70	2.0		25	1	26	35
West Lynn, Mass.	GE-PAC 4010	10/70	6.0		30	4	34	32
(Process Control Computers)	GE-PAC 4020	2/67	6.0		200	60	260	32
(A) (10/72)	GE-PAC 4040	8/64	X		45	20	65	X
	GE-PAC 4050	12/66	7.0		23	2	25	1
	GE-PAC 4060	6/65	X		18	2	20	1
Hewlett Packard	2114A, 2114B	10/68	0.25		-	-	1182	-
Cupertino, Calif.	2115A	11/67	0.41		-	-	333	-
(A) (7/72)	2116A, 2116B, 2116C	11/66	0.6		-	-	1171	-
	2100A	3/71	0.5		-	-	2080	-
Honeywell Information Systems	G58	5/70	1.0		-	-	-	-
Wellesley Hills, Mass.	G105A	6/69	1.3		-	-	-	-
(R) (6/72)	G105B	6/69	1.4		-	-	-	-
	G105RTS	7/69	1.2		-	-	-	-
	G115	4/66	2.2		200-400	420-680	620-1080	-
	G120	3/69	2.9		-	-	-	-
	G130	12/68	4.5		-	-	-	-
	G205	6/64	X		11	0	11	X
	G210	7/60	X		35	0	35	X
	G215	9/63	X		15	1	16	X
	G225	4/61	X		145	15	160	X
	G235	4/64	X		40-60	17	57-77	X
	G245	11/68	X		3	-	3	X
	G255 T/S	10/67	X		15-20	-	15-20	X
	G265 T/S	10/65	X		45-60	15-30	60-90	X
	G275 T/S	11/68	X		-	-	10	X
	G405	2/68	6.8		10-40	5	15-45	-
	G410 T/S	11/69	1.0		-	-	-	-
	G415	5/64	7.3		70-100	240-400	240-400	-
	G420 T/S	6/67	23.0		-	-	-	-
	G425	6/64	9.6		50-100	20-30	70-130	-
	G430 T/S	6/69	17.0		-	-	-	-
	G435	9/65	14.0		20	6	26	-
	G440 T/S	7/69	25.0		-	-	-	-
	G615	3/68	32.0		-	-	-	-
	G625	4/65	X		23	3	26	X
	G635	5/65	47.0		20-40	3	23-43	-
	H-110	8/68	2.7		180	7	255	0
	H-115	6/70	3.5		30	-	30	-
	H-120	1/66	4.8		800	160	960	-
	H-125	12/67	7.0		150	220	370	-
	H-200	3/64	7.5		800	275	1075	-
	H-400	12/61	10.5		46	40	86	X
	H-800	12/60	30.0		58	15	73	X
	H-1200	2/66	9.8		230	90	320	-
	H-1250	7/68	12.0		130	55	185	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Honeywell (cont'd)	H-1400	1/64	14.0	4	6	10	X
	H-1800	1/64	50.0	15	5	20	X
	H-2200	1/66	18.0	125	60	185	-
	H-3200	2/70	24.0	20	2	22	-
	H-4200	8/68	32.5	18	2	20	-
	H-8200	12/68	50.0	10	3	13	-
	DDP-24	5/63	2.65	-	-	90	X
	DDP-116	4/65	X	-	-	250	X
	DDP-124	3/66	X	-	-	250	X
	DDP-224	3/65	X	-	-	60	X
	DDP-316	6/69	0.6	-	-	450	-
	DDP-416	-	X	-	-	350	X
	DDP-516	9/66	1.2	-	-	900	-
	H112	10/69	-	-	-	75	-
	H632	12/68	3.2	-	-	12	-
	H1602	-	-	-	-	-	-
	H1642	-	-	-	-	-	-
	H1644	-	-	-	-	-	-
H1646	-	-	-	-	-	-	
H1648	11/68	12.0	-	-	20	-	
H1648A	-	-	-	-	-	-	
IBM White Plains, N.Y. (N) (D) (12/72)	305	12/57	3.6	40	15	55	-
	650	10/67	4.8	50	18	68	-
	1130	2/66	1.5	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 I, II	9/60	4.1	285	186	471	-
	1800	1/66	5.1	415	148	563	-
	7010	10/63	26.0	67	17	84	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	2	-
	7044	6/63	36.5	28	13	41	-
	705	11/55	38.0	18	3	21	-
	7020, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-
	7080	8/61	60.0	13	2	15	-
	7090	11/59	63.5	4	2	6	-
	7094-I	9/62	75.0	10	4	14	-
	7094-II	4/64	83.0	6	4	10	-
	System/3 Model 6	3/71	1.0	2	-	-	-
	System/3 Model 10	1/70	1.1	-	-	-	-
	System/7	11/71	0.35 and up	-	-	-	-
	360/20	12/65	2.7	7161	6075	13236	1780
	360/25	1/68	5.1	1112	759	1871	1287
	360/30	5/65	10.3	5487	2535	8022	-
	360/40	4/65	19.3	2454	1524	3977	1363
	360/44	7/66	11.8	109	57	166	39
	360/50	8/65	29.1	1135	445	1580	662
	360/65	11/65	57.2	601	144	745	562
	360/67	10/65	133.8	57	6	63	99
	360/75	2/66	66.9	50	17	67	12
	360/85	12/69	150.3	11	1	12	55
	360/90	11/67	-	5	-	5	-
360/190	-	-	13	2	15	-	
360/195	4/71	232.0	-	-	9	48	
370/135	5/72	14.4	3	-	-	-	
370/145	9/71	23.3	1	-	-	-	
370/155	2/71	48.0	-	-	-	-	
370/158	-/73	49.5-85.0	-	-	-	-	
370/165	5/71	98.7	-	-	-	-	
370/168	-/73	93.0-170.0	-	-	-	-	
370/195	6/73	190.0-270.0	-	-	-	-	
Interdata Oceanport, N.J. (A) (11/72)	Model 1	12/70	3.7	205	75	280	85
	Model 3	5/67	-	-	-	200	X
	Model 4	8/68	8.5	270	115	385	40
	Model 5	11/70	X	70	20	90	X
	Model 15	1/69	20.0	40	24	64	X
	Model 16	5/71	X	1	5	6	X
	Model 18	6/71	X	2	6	8	X
	Model 50	5/72	6.8	7	3	10	21
	Model 70	10/71	6.8	207	49	256	141
Model 80	10/72	14.9	4	0	4	21	
Microdata Corp. Santa Ana, Calif. (A) (11/72)	Micro 400	12/70	0.1-0.5	160	0	125	-
	Micro 800	12/68	0.2-3.0	1916	700	2616	-
	Micro 1600	12/71	0.2-3.0	263	80	343	-
NCR Dayton, Ohio (A) (12/72)	304	1/60	X	5	2	7	X
	310	5/61	X	8	0	8	X
	315	5/62	7.0	255	200	455	-
	315 RMC	9/65	9.0	55	35	90	-
	390	5/61	0.7	160	325	485	-
	500	10/65	1.0	1100	1750	3650	-
	Century 50	2/71	1.6	580	0	600	-
	Century 100	9/68	2.6	1175	780	1955	-
	Century 101	12/72	3.7	50	-	50	-
	Century 200	6/69	7.0	575	330	905	-
	Century 300	2/72	21.0	5	5	10	-
	Philco Willow Grove, Pa. (N) (1/69)	1000	6/63	X	16	-	-
200-210,211		10/58	X	16	-	-	X
2000-212		1/63	X	12	-	-	X

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS		NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	
Raytheon Data Systems Co. Norwood, Mass. (A) (10/72)	250	12/60	X	115	20	135 X
	440	3/64	X	20	-	X
	520	10/65	X	26	1	27 X
	703	10/67	12.5	(S) 175	33	208 4
	704	3/70	7.2	(S) 260	70	330 30
	706	5/69	19.0	(S) 75	15	90 2
Standard Computer Corp. Los Angeles, Calif. (A) (6/72)	IC 4000	12/68	9.0	9	0	9 2
	IC 6000-6000/E	5/67	16.0	3	0	3 -
	IC 7000	8/70	17.0	4	0	4 1
	IC-9000	5/71	400.0	(S) 1	0	1 -
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (12/72)	SYSTEMS 810B	9/68	2.6	168	10	178 -
	SYSTEMS 71	8/72	0.9	-	-	- -
	SYSTEMS 72	9/71	1.0	14	3	17 -
	SYSTEMS 85	7/72	6.0	3	1	4 -
	SYSTEMS 86	6/70	10.0	31	1	32 -
UNIVAC Div. of Sperry Rand New York, N.Y. (A) (4/72)	I & II	3/51 & 11/57	X	23	-	- X
	III	8/62	X	25	6	31 X
	File Computers	8/56	X	13	-	- X
	Solid-State 80 I,II, 90, I, II, & Step	8/58	X	210	-	- X
	418	6/63	11.0	80	39	119 23 E
	490 Series	12/61	30.0	76	14	90 15
	1004	2/63	1.9	1522	610	2132 -
	1005	4/66	2.4	617	248	865 72
	1050	9/63	8.5	136	59	195 -
	1100 Series (except 1107, 1108)	12/50	X	9	0	9 X
	1107	10/62	X	8	3	11 X
	1108	9/65	68.0	103	129	232 58 E
	9200	6/67	1.5	1106	835	1941 725
	9300	9/67	3.4	412	62	474 510 E
	9400	5/69	7.0	82	41	123 83 E
	LARC	5/60	135.0	2	0	2 -
	301	2/61	7.0	144	-	- -
	501	6/59	14.0-18.0	16	-	- -
	601	11/62	14.0-35.0	3	-	- -
	3301	7/64	17.0-35.0	71	-	- -
Spectra 70/15, 25	9/65	4.3	17	-	- -	
Spectra 70/35	1/67	9.2	102	-	- -	
Spectra 70/45	11/65	22.5	303	-	- -	
Spectra 70/46	-	33.5	34	-	- -	
Spectra 70/55	11/66	34.0	15	-	- -	
Spectra 70/60	11/70	32.0	12	-	- -	
Spectra 70/61	4/70	42.0	7	-	- -	
70/2	5/71	16.0	58	-	- -	
70/3	9/71	25.0	4	-	- -	
70/6	9/71	25.0	13	-	- -	
70/7	12/71	35.0	7	-	- -	
Varian Data Machines Newport Beach, Calif. (A) (8/72)	620	11/65	X	-	-	75 X
	620i	6/67	X	-	-	1300 X
	R-620i	4/69	-	-	-	80 -
	520/DC, 520i	12/69;10/68	-	-	-	350 -
	620/f	11/70	-	-	-	201 3
	620/L	4/71	-	-	-	474 114
	620/f-100	6/72	-	-	-	13 16
	620/L-100	5/72	-	-	-	21 19
	Varian 73	-	-	-	-	- 12
	Xerox Data Systems El Segundo, Calif. (N) (R) (12/72)	XDS-92	4/65	1.5	43	4
XDS-910	8/62	2.0	170	10	180 -	
XDS-920	9/62	2.9	120	12	132 -	
XDS-925	12/64	3.0	15	1	16 -	
XDS-930	6/64	3.4	159	14	173 -	
XDS-940	4/66	14.0	32	3	35 -	
XDS-9300	11/64	8.5	25-30	4	25-34 -	
Sigma 2	12/66	1.8	163	36	199 -	
Sigma 3	12/69	2.0	13	0	10 -	
Sigma 5	8/67	6.0	29	14	43 -	
Sigma 6	6/70	12.0	-	-	- -	
Sigma 7	12/66	12.0	30	7	37 -	
Sigma 8	2/72	-	3	-	- -	
Sigma 9	-	35.0	-	-	- -	

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF JANUARY 15, 1973

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Part II. Manufacturers Outside United States								
A/S Norsk Data Elektronikk Oslo, Norway (A) (Jan. 1973)	NORD-1 NORD-2B NORD-5 NORD-20	8/68 8/69 - 1/72	2.0 4.0 (S) - 3.5 (S)	0 0 0 0	95 20 1 9	95 20 1 9	26 X 0 10	
A/S Regnecentralen Copenhagen, Denmark (A) (Jan. 1972)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	40 19	40 19	0 3	
Elbit Computers Ltd. Haifa, Israel (A) (Nov. 1972)	Elbit-100	10/67	4.9 (S)	-	-	325	10	
GEC Computers Ltd. Borehamwood, Hertfordshire England (A) (Nov. 1972)	902 903, 920B GEC 905 GEC 920M GEC 920C Myriad I Myriad II GEC M2140 GEC 2050	5/68 12/65 5/69 7/67 7/68 1/66 11/67 10/69 6/72	- - - - - - - - -	0 1 0 0 0 0 0 9 0	17 464 77 130 19 47 32 21 5	17 465 77 130 19 47 32 30 5	0 19 1 103 0 0 0 0 32	
International Computers, Ltd. (ICL) London, England (A) (Sept. 1972)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2200 100 200	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2202 100 200	X X X X X X X X X X X X X X X X X X X -	
Japanese Mfrs. (N) (Sept. 1970)	(Mfrs. of various models include: Nippon Electric Co., Fujitsu, Hitachi, Ltd., Toshiba, Oki Electric Industry Co., and Mitsubishi Electric Corp.)						Total: 4150 E	Total: 800 E
N.V. Philips Electrologica Apeldoorn, Netherlands (A) (Oct. 1972)	P1000 P9200 P9200 t.s. P880 P850/55/60 ELX DS 714 DS 18 PR 8000	8/68 3/68 3/70 9/70 9/70 5/58 -/67 9/72 1/66	7.2-35.8 - - - - 6-21 - - -	- - - - - - 11 - -	- - - - - - 22 - -	105 300 5 29 40 42 33 - 23	39 25 1 16 290 - 19 9 -	
Redifon Electronic Systems, Ltd. Crawley, Sussex, England (A) (Jan. 1973)	R2000 R2000A	7/70 -	- -	1 -	19 -	20 -	4 1	
Saab-Scania Aktiebolag Linköping, Sweden (A) (Jan. 1973)	D21 D22 D220 D23 D5/30 D5/20	12/62 11/68 4/69 -/73 12/71 5/71	7.0 15.0 10.0 25.0 1.0 0.6	0 0 0 0 0 0	38 34 17 0 10 50	38 34 17 0 10 50	- 2 3 5 4 2000	
Seelenia S.p.A. Roma, Italy (A) (Nov. 1972)	G-16 GP-160	7/69 -	10.9 (S) 5.6 (S)	0 -	136 -	136 -	51 250	
Siemens Munich, Germany (A) (Oct. 1972)	301 302 303	11/68 1/68 4/65	0.9 2.1 2.7	- - -	- - -	103 30 70	15 7 2	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens (Continued)	304	5/68	4.5	-	-	81	13
	305	2/68	6.1	-	-	119	16
	306	6/70	7.9	-	-	29	5
	2002	6/59	16.4	-	-	41	-
	3003	12/63	15.8	-	-	32	4
	4004/15/16	10/65	6.1	-	-	96	4
	4004/25/26	1/66	10.0	-	-	78	16
	4004/35	2/67	14.2	-	-	202	51
	4004/135	10/71	20.5	-	-	73	48
	4004/45	7/66	27.3	-	-	354	36
	4004/46	4/69	41.0	-	-	16	1
	4004/55/60	7/66	35.0	-	-	27	-
	4004/150	2/72	49.0	-	-	33	50
	4004/151	3/72	61.0	-	-	7	3
	404/3	4/71	2.1	-	-	31	12
	404/6	10/71	4.5	-	-	54	33
						Total:	Total:
						1476	312
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C
	BESM 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MLE	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C
						Total:	Total:
						6000 E	6000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF FEBRUARY 15, 1973

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part I. United States Manufacturers							
Adage, Inc.	ACT 10 Series	4/68	X	32	3	35	X
Brighton, Mass. (A) (Jan. 1973)	ACT 100 Series	1/72	100-300 (S)	10	4	14	2
Autonetics	RECOMP II	11/58	X	30	0	30	X
Anaheim, Calif. (R) (Jan. 1969)	RECOMP III	6/61	X	6	0	6	X
Bailey Meter Co.	Metrotype	10/57	40-200 (S)	8	0	8	0
Wickliffe, Ohio (A) (June 1972)	Bailey 750	6/60	40-250 (S)	37	15	52	0
	Bailey 755	11/61	200-600 (S)	7	0	7	0
	Bailey 756	2/65	60-400 (S)	15	12	27	2
	Bailey 855/15	12/72	50-400 (S)	0	0	0	2
	Bailey 855/25	4/68	100-1000 (S)	16	0	16	0
	Bailey 855/30	3/72	100-1000 (S)	0	0	0	12
Bunker-Ramo Corp.	BR-130	10/61	X	160	-	-	X
Westlake Village, Calif. (A) (Jan. 1973)	BR-133	5/64	X	79	-	-	X
	BR-230	8/63	X	15	-	-	X
	BR-300	3/59	X	18	-	-	X
	BR-330	12/60	X	19	-	-	X
	BR-340	12/63	X	19	-	-	X
	BR-1018	6/71	23.0 (S)	-	-	-	-
	BR-1018C	9/72	-	-	-	-	-
Burroughs	B100/500	7/65	2.8-10.0	1141	677	1818	25
Detroit, Mich. (N) (R) (Feb. 1973)	B200	11/61	5.0	-	-	500	-
	B205	1/54	X	19	2	21	X
	B220	10/58	X	23	2	25	X
	B300	7/65	7.0	-	-	600	-
	B1700	8/72	-	2	-	-	-
	B2500	2/67	4.0	277	123	400	30
	B2700	8/72	-	-	-	-	-
	B3500	5/67	12-14	572	285	857	110
	B3700	11/72	-	-	-	-	-
	B4700	10/71	-	4	-	-	-
	B5500	3/63	23.5	153	47	200	-
	B5700	12/70	32.0	27	8	35	22
	B6500	2/68	33.0	-	-	60	2
	B6700	8/72	30.0	5	4	9	60
	B7500	4/69	44.0	-	-	-	13
	B7700	2/72	85.0	-	-	2	4
	B8500	8/67	200.0	1	-	-	-
Computer Automation, Inc.	108/208/808	6/68	5.0 (S)	165	10	175	110
Newport, Calif. (A) (April 1971)	116/216/816	3/69	8.0 (S)	215	20	235	225
Consultronics, Inc.	DCT-132	5/69	0.7	35	65	100	-
Garland, Texas (A) (Dec. 1972)							
Control Data Corp.	G15	7/55	X	-	-	295	X
Minneapolis, Minn. (R) (Feb. 1973)	G20	4/61	X	-	-	20	X
	LGP-21	12/62	X	-	-	165	X
	LGP-30	9/56	X	-	-	322	X
	M1000	-	-	1	-	-	-
	RPC4000	1/61	X	-	-	75	X
	636/136/046 Series	-	-	-	-	29	-
	160/8090 Series	5/60	X	-	-	610	X
	921/924-A	8/61	X	-	-	29	X
	1604/A/B	1/60	X	-	-	59	X
	1700/SC	5/66	3.8	-	-	428-478	0
	3100/3150/3170	5/64	10-16	-	-	93-120	C
	3200	5/64	13.0	-	-	55-60	C
	3300	9/65	20-38	-	-	205	C
	3400	11/64	18.0	-	-	17	C
	3500	8/68	25.0	-	-	15	C
	3600	6/63	52.0	-	-	40	C
	3800	2/66	53.0	-	-	20	C
	6200/6400/6500	8/64	58.0	-	-	117	C
	6600	8/64	115.0	-	-	88	C

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Control Data (cont'd)	6700	6/67	130.9	-	-	5	C	
	7600	12/68	235.0	-	-	12	C	
	Cyber 70/72	-	-	2	6	8	-	
	Cyber 70/73	-	-	1	3	4	-	
							Total:	
							160 E	
Data General Corp. Southboro, Mass. (A) (Dec. 1972)	Nova	2/69	9.2	(S)	-	-	925	-
	Supernova	5/70	9.6	(S)	-	-	210	-
	Nova 1200	12/71	5.4	(S)	-	-	2430	-
	Nova 800	3/71	6.9	(S)	-	-	385	-
	Nova 820	4/72	6.4	(S)	-	-	140	-
	Nova 1210/1220	2/72	4.2;5.2	(S)	-	-	1025	-
Datacraft Corp. Ft. Lauderdale, Fla. (A) (Nov. 1972)	6024/1	5/69	52-300	(S)	17	0	17	2
	6024/3	2/70	33-200	(S)	108	13	121	55
	6024/5	12/71	11-80	(S)	28	0	28	65
Digiac Corp. Plainview, N.Y. (A) (May 1972)	Digiac 3060	1/70	9.0	(S)	78	-	-	8
	Digiac CT-10	-	9.0	-	20	-	-	1
Digital Computer Controls, Inc. Fairfield, N.J. (A) (Nov. 1972)	D-112	8/70	10.0	(S)	667	103	770	-
	D-116	1/72	10.0	(S)	553	38	591	-
Digital Equipment Corp. Maynard, Mass. (A) (May 1972)	PDP-1	11/60	X	-	48	2	50	X
	PDP-4	8/62	X	-	40	5	45	X
	PDP-5	9/63	X	-	90	10	100	X
	PDP-6	10/64	X	-	-	-	23	X
	PDP-7	11/64	X	-	-	-	100	X
	PDP-8	4/65	X	-	-	-	1402	X
	PDP-8/I	3/68	X	-	-	-	3127	X
	PDP-8/S	9/66	X	-	-	-	918	X
	PDP-8/L	11/68	X	-	-	-	3699	X
	PDP-8/E	-	4.9	(S)	-	-	3787	-
	PDP-8/M	-	3.9	(S)	-	-	365	-
	PDP-8/F	5/72	3.9	(S)	-	-	2	-
	PDP-9	12/66	X	-	-	-	436	X
	PDP-9L	11/68	X	-	-	-	40	X
	DECSys-10	12/67	700-3000	(S)	-	-	243	-
	PDP-11/20	-	10.8	(S)	-	-	2740	-
	PDP-11R20	-	13.8	(S)	-	-	14	-
	PDP-11/05	-	10.8	(S)	0	0	0	-
	PDP-11/45	-	-	-	0	0	0	-
PDP-12	9/69	-	-	-	-	620	-	
PDP-15	2/61	17.0	(S)	-	-	545	-	
LINC-8	9/66	X	-	-	-	200	X	
							Total:	
							18456	
Electronic Associates Inc. West Long Branch, N.J. (A) (Feb. 1973)	640	4/67	1.2	-	109	61	170	1
	8400	7/67	12.0	-	21	8	29	0
	PACER 100	7/72	1.0	-	20	30	50	20
EMR Computer Minneapolis, Minn. (A) (Nov. 1972)	EMR 6020	4/65	5.4	-	15	1	16	0
	EMR 6040	7/65	6.6	-	6	0	6	0
	EMR 6050	2/66	9.0	-	15	2	17	0
	EMR 6070	10/66	15.0	-	7	8	15	0
	EMR 6130	8/67	5.0	-	34	13	47	0
	EMR 6135	-	2.6	-	36	5	41	4
	EMR 6145	-	7.2	-	-	-	-	8
EMR 6140	-	-	-	-	-	-	0	
General Automation, Inc. Anaheim, Calif. (A) (Jan. 1973)	SPC-12	1/68	-	-	-	-	1500	-
	SPC-16	5/70	-	-	-	-	900	-
	System 18/30	7/69	-	-	-	-	225	-
General Electric West Lynn, Mass. (Process Control Computers) (A) (Oct. 1972)	GE-PAC 3010	5/70	2.0	-	25	1	26	35
	GE-PAC 4010	10/70	6.0	-	30	4	34	32
	GE-PAC 4020	2/67	6.0	-	200	60	260	32
	GE-PAC 4040	8/64	X	-	45	20	65	X
	GE-PAC 4050	12/66	7.0	-	23	2	25	1
	GE-PAC 4060	6/65	X	-	18	2	20	1
Hewlett Packard Cupertino, Calif. (A) (July 1972)	2114A, 2114B	10/68	0.25	-	-	-	1182	-
	2115A	11/67	0.41	-	-	-	333	-
	2116A, 2116B, 2116C	11/66	0.6	-	-	-	1171	-
	2100A	3/71	0.5	-	-	-	2080	-
Honeywell Information Systems Wellesley Hills, Mass. (R) (Feb. 1973)	G58	5/70	1.0	-	-	-	4	-
	G105A	6/69	1.3	-	-	-	6	-
	G105B	6/69	1.4	-	-	-	-	-
	G105RTS	7/69	1.2	-	-	-	-	-
	G115	4/66	2.2	-	200-400	420-680	620-1080	-
	G120	3/69	2.9	-	-	-	-	-
	G130	12/68	4.5	-	-	-	-	-
	G205	6/64	X	-	11	0	11	X
	G210	7/60	X	-	35	0	35	X
	G215	9/63	X	-	15	1	16	X
	G225	4/61	X	-	145	15	160	X
	G235	4/64	X	-	40-60	17	57-77	X
	G245	11/68	X	-	3	-	-	X
	G255 T/S	10/67	X	-	15-20	-	-	X
	G265 T/S	10/65	X	-	45-60	15-30	60-90	X
	G275 T/S	11/68	X	-	-	-	10	X
	G405	2/68	6.8	-	10-40	5	15-45	-
	G410 T/S	11/69	1.0	-	-	-	-	-
	G415	5/64	7.3	-	70-100	240-400	310-500	-
	G420 T/S	6/67	23.0	-	-	-	-	-
	G425	6/64	9.6	-	50-100	20-30	70-130	-
	G430 T/S	6/69	17.0	-	-	-	-	-
G435	9/65	14.0	-	20	6	26	-	
G440 T/S	7/69	25.0	-	-	-	-	-	
G615	3/68	32.0	-	-	-	-	-	
G625	4/65	X	-	23	3	26	X	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Honeywell (cont'd)	G635	5/65	47.0	20-40	3	23-43	-	
	H-110	8/68	2.7	180	7	187	0	
	H-115	6/70	3.5	30	-	-	-	
	H-120	1/66	4.8	800	160	960	-	
	H-125	12/67	7.0	150	220	370	-	
	H-200	3/64	7.5	800	275	1075	-	
	H-400	12/61	10.5	46	40	86	X	
	H-800	12/60	30.0	58	15	73	X	
	H-1200	2/66	9.8	230	90	320	-	
	H-1250	7/68	12.0	130	55	185	-	
	H-1400	1/64	14.0	4	6	10	X	
	H-1800	1/64	50.0	15	5	20	X	
	H-2015	-	-	2	-	-	-	
	H-2040	-	-	3	-	-	-	
	H-2200	1/66	18.0	125	60	185	-	
	H-3200	2/70	24.0	20	2	22	-	
	H-4200	8/68	32.5	18	2	20	-	
	H-6030	-	-	-	2	-	-	
	H-6040	-	-	-	2	-	-	
	H-6060	-	-	-	3	-	-	
	H-8200	12/68	50.0	10	3	13	-	
	DDP-24	5/63	2.65	-	-	90	X	
	DDP-116	4/65	X	-	-	250	X	
	DDP-124	3/66	X	-	-	250	X	
	DDP-224	3/65	X	-	-	60	X	
	DDP-316	6/69	0.6	-	-	452	-	
	DDP-416	-	X	-	-	350	X	
	DDP-516	9/66	1.2	-	-	900	-	
	H112	10/69	-	-	-	75	-	
	H632	12/68	3.2	-	-	12	-	
	H1602	-	-	-	-	-	-	
	H1642	-	-	-	-	-	-	
	H1644	-	-	-	-	-	-	
	H1646	-	-	-	-	-	-	
	H1648	11/68	12.0	-	-	20	-	
	H1648A	-	-	-	-	-	-	
	IBM White Plains, N.Y. (N) (D) (Jan. 1973)	305	12/57	3.6	40	15	55	-
		650	10/67	4.8	50	18	68	-
		1130	2/66	1.5	2580	1227	3807	-
		1401	9/60	5.4	2210	1836	4046	-
		1401-G	5/64	2.3	420	450	870	-
1401-H		6/67	1.3	180	140	320	-	
1410		11/61	17.0	156	116	272	-	
1440		4/63	4.1	1690	1174	2864	-	
1460		10/63	10.0	194	63	257	-	
1620 I, II		9/60	4.1	285	186	471	-	
1800		1/66	5.1	415	148	563	-	
7010		10/63	26.0	67	17	84	-	
7030		5/61	160.0	4	1	5	-	
704		12/55	32.0	12	1	13	-	
7040		6/63	25.0	35	27	62	-	
7044		6/63	36.5	28	13	41	-	
705		11/55	38.0	18	3	21	-	
7020, 2		3/60	27.0	10	3	13	-	
7074		3/60	35.0	44	26	70	-	
7080		8/61	60.0	13	2	15	-	
7090		11/59	63.5	4	2	6	-	
7094-I		9/62	75.0	10	4	14	-	
7094-II		4/64	83.0	6	4	10	-	
System/3 Model 6		3/71	1.0	5	-	-	-	
System/3 Model 10		1/70	1.1	2	-	-	-	
System/7		11/71	0.35 and up	9	-	-	-	
360/20		12/65	2.7	7161	6075	13236	1780	
360/25		1/68	5.1	1112	759	1871	1287	
360/30		5/65	10.3	5487	2535	8022	-	
360/40		4/65	19.3	2454	1524	3978	1363	
360/44		7/66	11.8	109	57	166	39	
360/50		8/65	29.1	1135	445	1580	662	
360/65		11/65	57.2	604	144	748	562	
360/67		10/65	133.8	57	6	63	99	
360/75		2/66	66.9	50	17	67	12	
360/85		12/69	150.3	11	1	12	55	
360/90		11/67	-	5	-	-	-	
360/190		-	-	13	2	15	-	
360/195		4/71	232.0	-	-	9	48	
370/125		4/73	8.2-13.8	-	-	-	-	
370/135		5/72	14.4	11	-	-	-	
370/145	9/71	23.3	1	-	-	-		
370/155	2/71	48.0	1	-	-	-		
370/158	-/73	49.5-85.0	-	-	-	-		
370/165	5/71	98.7	3	-	-	-		
370/168	-/73	93.0-170.0	-	-	-	-		
370/195	6/73	190.0-270.0	-	-	-	-		
Interdata Oceanport, N.J. (A) (Jan. 1973)	Model 1	12/70	3.7	244	75	319	-	
	Model 3	5/67	-	-	-	200	X	
	Model 4	8/68	8.5	274	115	389	32	
	Model 5	11/70	X	70	20	90	X	
	Model 15	1/69	20.0	40	24	64	X	
	Model 16	5/71	X	1	6	7	X	
	Model 18	6/71	X	2	7	9	X	
	Model 50/55	5/72	6.8	22	3	25	3	
	Model 70	10/71	6.8	268	55	323	75	
	Model 74	2/73	-	2	0	2	50	
	Model 80	10/72	14.9	6	0	6	15	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Microdata Corp.	Micro 400/10	12/70	0.1-0.5	129	0	129	-
Santa Ana, Calif.	Micro 800	12/68	0.2-3.0	1925	770	2695	-
(A) (Jan. 1973)	Micro 1600	12/71	0.2-3.0	295	88	383	-
NCR	304	1/60	X	5	2	7	X
Dayton, Ohio	310	5/61	X	8	0	8	X
(A) (Dec. 1972)	315	5/62	7.0	255	200	455	-
	315 RMC	9/65	9.0	55	35	90	-
	390	5/61	0.7	160	325	485	-
	500	10/65	1.0	1100	1750	2850	-
	Century 50	2/71	1.6	580	0	580	-
	Century 100	9/68	2.6	1175	780	1955	-
	Century 101	12/72	3.7	50	-	-	-
	Century 200	6/69	7.0	575	330	905	-
	Century 300	2/72	21.0	5	5	10	-
Philco	1000	6/63	X	16	-	-	X
Willow Grove, Pa.	200-210,211	10/58	X	16	-	-	X
(N) (Jan. 1969)	2000-212	1/63	X	12	-	-	X
Raytheon Data Systems Co.	250	12/60	X	115	20	135	X
Norwood, Mass.	440	3/64	X	20	-	-	X
(A) (Jan. 1973)	520	10/65	X	26	1	27	X
	703	10/67	12.5	(S) 177	33	210	2
	704	3/70	7.2	(S) 260	70	330	40
	706	5/69	19.0	(S) 75	17	92	0
Standard Computer Corp.	IC 4000	12/68	9.0	9	0	9	2
Los Angeles, Calif.	IC 6000-6000/E	5/67	16.0	3	0	3	-
(A) (June 1972)	IC 7000	8/70	17.0	4	0	4	1
	IC-9000	5/71	400.0	(S) 1	0	1	-
Systems Engineering Laboratories	SYSTEMS 810B	9/68	2.6	168	10	178	-
Ft. Lauderdale, Fla.	SYSTEMS 71	8/72	0.9	-	-	-	-
(A) (Dec. 1972)	SYSTEMS 72	9/71	1.0	14	3	17	-
	SYSTEMS 85	7/72	6.0	3	1	4	-
	SYSTEMS 86	6/70	10.0	31	1	32	-
UNIVAC Div. of Sperry Rand	I & II	3/51 & 11/57	X	23	-	-	X
New York, N.Y.	III	8/62	X	25	6	31	X
(A) (April 1972)	File Computers	8/56	X	13	-	-	X
	Solid-State 80 I,II, 90, I, II, & Step	8/58	X	210	-	-	X
	418	6/63	11.0	80	39	119	23 E
	490 Series	12/61	30.0	76	14	90	15
	1004	2/63	1.9	1522	610	2132	-
	1005	4/66	2.4	617	248	865	72
	1050	9/63	8.5	136	59	195	-
	1100 Series (except 1107, 1108)	12/50	X	9	0	9	X
	1107	10/62	X	8	3	11	X
	1108	9/65	68.0	103	129	232	58 E
	9200	6/67	1.5	1106	835	1941	725
	9300	9/67	3.4	412	62	474	510 E
	9400	5/69	7.0	82	41	123	83 E
	LARC	5/60	135.0	2	0	2	-
UNIVAC - Series 70	301	2/61	7.0	143	-	-	-
Blue Bell, Pa.	501	6/59	14.0-18.0	17	-	-	-
(A) (Feb. 1973)	601	11/62	14.0-35.0	0	-	-	-
	3301	7/64	17.0-35.0	74	-	-	-
	Spectra 70/15, 25	9/65	4.3	18	-	-	-
	Spectra 70/35	1/67	9.2	95	-	-	-
	Spectra 70/45	11/65	22.5	265	-	-	-
	Spectra 70/46	11/68	33.5	30	-	-	-
	Spectra 70/55	11/66	34.0	10	-	-	-
	Spectra 70/60	11/70	32.0	18	-	-	-
	Spectra 70/61	4/70	42.0	7	-	-	-
	70/2	5/71	16.0	63	-	-	-
	70/3	9/71	25.0	7	-	-	-
	70/6	9/71	25.0	25	-	-	-
	70/7	12/71	35.0	7	-	-	-
Varian Data Machines	620	11/65	X	-	-	75	X
Newport Beach, Calif.	6201	6/67	X	-	-	1300	X
(A) (Aug. 1972)	R-6201	4/69	-	-	-	80	-
	520/DC, 5201	12/69;10/68	-	-	-	350	-
	620/f	11/70	-	-	-	201	3
	620/L	4/71	-	-	-	474	114
	620/f-100	6/72	-	-	-	13	16
	620/L-100	5/72	-	-	-	22	19
	Varian 73	-	-	-	-	-	12
Xerox Data Systems	XDS-92	4/65	1.5	43	4	47	-
El Segundo, Calif.	XDS-910	8/62	2.0	170	10	180	-
(N) (R) (Dec. 1972)	XDS-920	9/62	2.9	120	12	132	-
	XDS-930	6/64	3.4	159	14	173	-
	XDS-940	4/66	14.0	32	3	35	-
	XDS-9300	11/64	8.5	25-30	4	29-34	-
	Sigma 2	12/66	1.8	163	36	199	-
	Sigma 3	12/69	2.0	13	0	13	-
	Sigma 5	8/67	6.0	29	14	43	-
	Sigma 6	6/70	12.0	2	-	-	-
	Sigma 7	12/66	12.0	30	7	37	-
	Sigma 8	2/72	-	3	-	-	-
	Sigma 9	-	35.0	2	-	-	-

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF MARCH 15, 1973

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)		NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS	
					In U.S.A.	Outside U.S.A.	In World		
Part II. Manufacturers Outside United States									
A/S Norsk Data Elektronikk Oslo, Norway (A) (Mar. 1973)	NORD-1 NORD-2B NORD-5 NORD-10 NORD-20	8/68 8/69 - - 1/72	2.0 4.0 - 2.0 3.5	(S)	0 0 0 0 0	101 20 1 0 13	101 20 1 0 13	21 X 0 30 7	
A/S Regnecentralen Copenhagen, Denmark (A) (Jan. 1972)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0		0 0	40 19	40 19	0 3	
Elbit Computers Ltd. Haifa, Israel (A) (Nov. 1972)	Elbit-100	10/67	4.9	(S)	-	-	325	10	
GEC Computers Ltd. Borehamwood, Hertfordshire England (A) (Nov. 1972)	902 903, 920B GEC 905 GEC 920M GEC 920C Myriad I Myriad II GEC M2140 GEC 2050	5/68 12/65 5/69 7/67 7/68 1/66 11/67 10/69 6/72	- - - - - - - - -		0 1 0 0 0 0 0 9 0	17 464 77 130 19 47 32 21 5	17 465 77 130 19 47 32 30 5	0 19 1 103 0 0 0 0 32	
International Computers, Ltd. (ICL) London, England (A) (Sept. 1972)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2200 100 200	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2202 100 200	X X X X X X X X X X X X X X X X - X -	
Japanese Mfrs. (N) (Sept. 1970)	(Mfrs. of various models include: Nippon Electric Co., Fujitsu, Hitachi, Ltd., Toshiba, Oki Electric Industry Co., and Mitsubishi Electric Corp.)						Total: 4150 E	Total: 800 E	
N.V. Philips Electronica Apeldoorn, Netherlands (A) (Oct. 1972)	P1000 P9200 P9200 t.s. P880 P850/55/60 ELX DS 714 DS 18 PR 8000	8/68 3/68 3/70 9/70 9/70 5/58 -/67 9/72 1/66	7.2-35.8 - - - - 6-21 - - -		- - - - - 11 - - -	- - - - - 22 - - -	105 300 5 29 40 42 33 - 23	39 25 1 16 290 - 19 9 -	
Redifon Electronic Systems, Ltd. Crawley, Sussex, England (A) (Jan. 1973)	R2000 R2000A	7/70 -	- -		1 -	19 -	20 -	4 1	
Saab-Scania Aktiebolag Linköping, Sweden (A) (Mar. 1973)	D21 D22 D220 D23 D5/30 D5/20	12/62 11/68 4/69 -/73 12/71 5/71	7.0 15.0 10.0 25.0 1.0 0.6		0 0 0 0 0 0	38 35 17 0 13 80	38 35 17 0 13 80	- 2 3 4 10 2000	
Seelenia S.p.A. Roma, Italy (A) (Feb. 1973)	GP-16 GP-160	7/69 -	10.9 5.6	(S) (S)	0 -	190 -	190 -	60 -	
Siemens Munich, Germany (A) (Jan. 1973)	301 302 303	11/68 1/68 4/65	0.9 2.1 2.7		- - -	- - -	103 30 70	15 7 2	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
	304	5/68	4.5	-	-	81	13
	305	2/68	6.1	-	-	118	16
	306	6/70	7.9	-	-	29	5
	2002	6/59	16.4	-	-	41	-
	3003	12/63	15.8	-	-	32	-
	4004/15/16	10/65	6.1	-	-	98	4
	4004/25/26	1/66	10.0	-	-	82	15
	4004/35	2/67	14.2	-	-	204	49
	4004/127	4/73	14.0	-	-	-	4
	4004/135	10/71	20.5	-	-	93	38
	4004/45	7/66	27.3	-	-	365	35
	4004/46	4/69	41.0	-	-	16	1
	4004/55/60	7/66	35.0	-	-	28	-
	4004/150	2/72	49.0	-	-	53	53
	4004/151	3/72	61.0	-	-	9	3
	404/2	11/73	3.0	-	-	-	40
	404/3	4/71	2.1	-	-	37	14
	404/6	10/71	4.5	-	-	60	41
						Total:	Total:
						1549	355
USSR	BESM 4	-	-	-	-	C	C
(N)	BESM 6	-	-	-	-	C	C
(May 1969)	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIE	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C
						Total:	Total:
						6000 E	6000 E

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF APRIL 15, 1973

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL		NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
			\$ (000)		In U.S.A.	Outside U.S.A.	In World	
Part I. United States Manufacturers								
Adage, Inc. Brighton, Mass. (A) (Mar. 1973)	AGT 10 Series AGT 100 Series	4/68 1/72	X 100-300		32 (S) 11	3 7	35 18	X 1
Autonetics Anaheim, Calif. (R) (Jan. 1969)	RECOMP II RECOMP III	11/58 6/61	X X		30 6	0 0	30 6	X X
Bailey Meter Co. Wickliffe, Ohio (A) (June 1972)	Metrotype Bailey 750 Bailey 755 Bailey 756 Bailey 855/15 Bailey 855/25 Bailey 855/50	10/57 6/60 11/61 2/65 12/72 4/68 3/72	40-200 40-250 200-600 60-400 50-400 100-1000 100-1000	(S) (S) (S) (S) (S) (S) (S)	8 37 7 15 0 16 0	0 15 0 12 0 0 0	8 52 7 27 0 16 0	0 0 0 2 2 0 12
Bunker-Ramo Corp. Westlake Village, Calif. (A) (Mar. 1973)	BR-130 BR-133 BR-230 BR-300 BR-330 BR-340 BR-1018 BR-1018C	10/61 5/64 8/63 3/59 12/60 12/63 6/71 9/72	X X X X X X 23.0 -		160 79 15 18 19 19 (S) - -	- - - - - - - -	- - - - - - - -	X X X X X X - -
Burroughs Detroit, Mich. (N) (R) (April 1973)	B100/500 B200 B205 B220 B300 B1700 B2500 B2700 B3500 B3700 B4700 B5500 B5700 B6500 B6700 B7500 B7700 B8500	7/65 11/61 1/54 10/58 7/65 8/72 2/67 8/72 5/67 11/72 10/71 3/63 12/70 2/68 8/72 4/69 2/72 8/67	2.8-10.0 5.0 X X 7.0 - 4.0 - 12-14 - - 23.5 32.0 33.0 30.0 44.0 85.0 200.0		1141 - 19 23 - 2 277 - 572 - 4 154 27 - 5 - - 1	677 - 2 2 - - 123 - 285 - - 47 8 - 4 - - -	1818 500 21 25 600 - 400 - 857 - - 201 35 60 9 - 2 -	25 - X X - - 30 - 110 - - - - 22 2 60 13 4 -
Computer Automation, Inc. Newport, Calif. (A) (April 1971)	108/208/808 116/216/816	6/68 3/69	5.0 8.0	(S) (S)	165 215	10 20	175 235	110 225
Consultronics, Inc. Dallas, Texas (A) (April 1973)	DCT-132	5/69	0.7		75	65	135	-
Control Data Corp. Minneapolis, Minn. (R) (April 1973)	G15 G20 LGP-21 LGP-30 M1000 RPC4000 636/136/046 Series 160/8090 Series 921/924-A 1604/A/B 1700/SC 3100/3150/3170 3200 3300 3400 3500 3600 3800 6200/6400/6500 6600 6700	7/55 4/61 12/62 9/56 - 1/61 - 5/60 8/61 1/60 5/66 5/64 5/64 9/65 11/64 8/68 6/63 2/66 8/64 8/64 6/67	X X X X - X - X X X 3.8 10-16 13.0 20-38 18.0 25.0 52.0 53.0 58.0 115.0 130.9		- - - - 1 - - - - - - - - - - - - - - - -	- -	295 20 165 322 - 75 29 59 428-478 93-120 55-60 205 17 15 40 20 117 88 5	X X X X - X X X X X 0 C C C C C C C C C C

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)		NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
					In U.S.A.	Outside U.S.A.	In World	
Control Data (cont'd)	7600	12/68	235.0		-	-	12	C
	Cyber 70/72	-	-		2	8	10	-
	Cyber 70/73	-	-		1	3	4	-
Data General Corp. Southboro, Mass. (A) (Dec. 1972)	Nova	2/69	9.2	(S)	-	-	925	-
	Supernova	5/70	9.6	(S)	-	-	210	-
	Nova 1200	12/71	5.4	(S)	-	-	2430	-
	Nova 800	3/71	6.9	(S)	-	-	385	-
	Nova 820	4/72	6.4	(S)	-	-	140	-
	Nova 1210/1220	2/72	4.2;5.2	(S)	-	-	1025	-
Datacraft Corp. Ft. Lauderdale, Fla. (A) (April 1973)	6024/1	5/69	52-300	(S)	18	0	18	4
	6024/3	2/70	33-200	(S)	100	25	125	4
	6024/5	12/71	11-80	(S)	50	0	50	33
	6024/5R	2/73	30-60	(S)	1	0	1	2
Datapoint Corp. San Antonio, Texas (A) (Mar. 1973)	Datapoint 2200	2/71	151-292		-	-	1200	-
Digiac Corp. Plainview, N.Y. (A) (May 1972)	Digiac 3060	1/70	9.0	(S)	78	-	-	8
	Digiac CT-10	-	9.0		20	-	-	1
Digital Computer Controls, Inc. Fairfield, N.J. (A) (April 1973)	D-112	8/70	10.0	(S)	721	113	770	-
	D-116	1/72	10.0	(S)	726	57	783	-
Digital Equipment Corp. Maynard, Mass. (A) (May 1972)	PDP-1	11/60	X		48	2	50	X
	PDP-4	8/62	X		40	5	45	X
	PDP-5	9/63	X		90	10	100	X
	PDP-6	10/64	X		-	-	23	X
	PDP-7	11/64	X		-	-	100	X
	PDP-8	4/65	X		-	-	1402	X
	PDP-8/I	3/68	X		-	-	3127	X
	PDP-8/S	9/66	X		-	-	918	X
	PDP-8/L	11/68	X		-	-	3699	X
	PDP-8/E	-	4.9	(S)	-	-	3787	-
	PDP-8/M	-	3.9	(S)	-	-	365	-
	PDP-8/F	5/72	3.9	(S)	-	-	2	-
	PDP-9	12/66	X		-	-	436	X
	PDP-9L	11/68	X		-	-	40	X
	DECSys-10	12/67	700-3000	(S)	-	-	243	-
	PDP-11/20	-	10.8	(S)	-	-	2740	-
	PDP-11R20	-	13.8	(S)	-	-	14	-
	PDP-11/05	-	10.8	(S)	0	0	0	-
	PDP-11/45	-	-		0	0	0	-
	PDP-12	9/69	-		-	-	620	-
PDP-15	2/61	17.0	(S)	-	-	545	-	
LINC-8	9/66	X		-	-	200	X	
Electronic Associates Inc. West Long Branch, N.J. (A) (Feb. 1973)	640	4/67	1.2		109	61	170	1
	8400	7/67	12.0		21	8	29	0
	PACER 100	7/72	1.0		20	30	50	20
EMR Computer Minneapolis, Minn. (A) (Nov. 1972)	EMR 6020	4/65	5.4		15	1	16	0
	EMR 6040	7/65	6.6		6	0	6	0
	EMR 6050	2/66	9.0		15	2	17	0
	EMR 6070	10/66	15.0		7	8	15	0
	EMR 6130	8/67	5.0		34	13	47	0
	EMR 6135	-	2.6		36	5	41	4
	EMR 6145	-	7.2		-	-	-	8
	EMR 6140	-	-		-	-	-	0
General Automation, Inc. Anaheim, Calif. (A) (Mar. 1973)	SPC-12	1/68	-		-	-	1700	-
	SPC-16	5/70	-		-	-	1050	-
	System 18/30	7/69	-		-	-	275	-
General Electric West Lynn, Mass. (Process Control Computers) (A) (Oct. 1972)	GE-PAC 3010	5/70	2.0		25	1	26	35
	GE-PAC 4010	10/70	6.0		30	4	34	32
	GE-PAC 4020	2/67	6.0		200	60	260	32
	GE-PAC 4040	8/64	X		45	20	65	X
	GE-PAC 4050	12/66	7.0		23	2	25	1
GE-PAC 4060	6/65	X		18	2	20	1	
Hewlett Packard Cupertino, Calif. (A) (July 1972)	2114A, 2114B	10/68	0.25		-	-	1182	-
	2115A	11/67	0.41		-	-	333	-
	2116A, 2116B, 2116C	11/66	0.6		-	-	1171	-
Honeywell Information Systems Wellesley Hills, Mass. (R) (April 1973)	G58	5/70	1.0		-	-	4	-
	G105A	6/69	1.3		-	-	6	-
	G105B	6/69	1.4		-	-	-	-
	G105RTS	7/69	1.2		-	-	-	-
	G115	4/66	2.2		200-400	420-680	620-1080	-
	G120	3/69	2.9		-	-	-	-
	G130	12/68	4.5		-	-	-	-
	G205	6/64	X		11	0	11	X
	G210	7/60	X		35	0	35	X
	G215	9/63	X		15	1	16	X
	G225	4/61	X		145	15	160	X
	G235	4/64	X		40-60	17	57-77	X
	G245	11/68	X		3	-	-	X
	G255 T/S	10/67	X		15-20	-	-	X
	G265 T/S	10/65	X		45-60	15-30	60-90	X
	G275 T/S	11/68	X		-	-	10	X
	G405	2/68	6.8		10-40	5	15-45	-
	G410 T/S	11/69	1.0		-	-	-	-
	G415	5/64	7.3		70-100	240-400	310-500	-
	G420 T/S	6/67	23.0		-	-	-	-
	G425	6/64	9.6		50-100	20-30	70-130	-
	G430 T/S	6/69	17.0		-	-	-	-
	G435	9/65	14.0		20	6	26	-
G440 T/S	7/69	25.0		-	-	-	-	
G615	3/68	32.0		-	-	-	-	
G625	4/65	X		23	3	26	X	
G635	5/65	47.0		20-40	3	23-43	-	
H-110	8/68	2.7		180	7	187	0	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Honeywell (cont'd)	H-115	6/70	3.5	30	-	-	-	
	H-120	1/66	4.8	800	160	960	-	
	H-125	12/67	7.0	150	220	370	-	
	H-200	3/64	7.5	800	275	1075	-	
	H-400	12/61	10.5	46	40	86	X	
	H-800	12/60	30.0	57	15	72	X	
	H-1200	2/66	9.8	230	90	320	-	
	H-1250	7/68	12.0	130	55	185	-	
	H-1400	1/64	14.0	4	6	10	X	
	H-1800	1/64	50.0	15	5	20	X	
	H-2015	-	-	2	-	-	-	
	H-2040	-	-	3	-	-	-	
	H-2050	-	-	1	-	-	-	
	H-2200	1/66	18.0	125	60	185	-	
	H-3200	2/70	24.0	20	2	22	-	
	H-4200	8/68	32.5	18	2	20	-	
	H-6030	-	-	-	2	-	-	
	H-6040	-	-	-	3	-	-	
	H-6060	-	-	-	3	-	-	
	H-8200	12/68	50.0	10	3	13	-	
	DDP-24	5/63	2.65	-	-	90	X	
	DDP-116	4/65	X	-	-	250	X	
	DDP-124	3/66	X	-	-	250	X	
	DDP-224	3/65	X	-	-	60	X	
	DDP-316	6/69	0.6	-	-	452	-	
	DDP-416	-	X	-	-	350	X	
	DDP-516	9/66	1.2	-	-	900	-	
	H112	10/69	-	-	-	75	-	
	H632	12/68	3.2	-	-	12	-	
	H1602	-	-	-	-	-	-	
	H1642	-	-	-	-	-	-	
	H1644	-	-	-	-	-	-	
	H1646	-	-	-	-	-	-	
	H1648	11/68	12.0	-	-	20	-	
	H1648A	-	-	-	-	-	-	
	IBM White Plains, N.Y. (N) (D) (Mar. 1973)	305	12/57	3.6	40	15	55	-
		650	10/67	4.8	50	18	68	-
		1130	2/66	1.5	2580	1227	3807	-
		1401	9/60	5.4	2210	1836	4046	-
		1401-G	5/64	2.3	420	450	870	-
		1401-H	6/67	1.3	180	140	320	-
1410		11/61	17.0	156	116	272	-	
1440		4/63	4.1	1690	1174	2864	-	
1460		10/63	10.0	194	63	257	-	
1620 I, II		9/60	4.1	285	186	471	-	
1800		1/66	5.1	415	148	563	-	
7010		10/63	26.0	67	17	84	-	
7030		5/61	160.0	4	1	5	-	
704		12/55	32.0	12	1	13	-	
7040		6/63	25.0	35	27	62	-	
7044		6/63	36.5	28	13	41	-	
705		11/55	38.0	18	3	21	-	
7020, 2		3/60	27.0	10	3	13	-	
7074		3/60	35.0	44	26	70	-	
7080		8/61	60.0	13	2	15	-	
7090		11/59	63.5	4	2	6	-	
7094-I		9/62	75.0	10	4	14	-	
7094-II		4/64	83.0	6	4	10	-	
System/3 Model 6		3/71	1.0	5	-	-	-	
System/3 Model 10		1/70	1.1	2	-	-	-	
System/7		11/71	0.35 and up	10	-	-	-	
360/20		12/65	2.7	7161	6075	13236	1780	
360/25		1/68	5.1	1112	759	1871	1287	
360/30		5/65	10.3	5487	2535	8022	-	
360/40		4/65	19.3	2454	1524	3978	1363	
360/44		7/66	11.8	109	57	166	39	
360/50		8/65	29.1	1135	445	1580	662	
360/65		11/65	57.2	604	144	748	562	
360/67		10/65	133.8	57	6	63	99	
360/75		2/66	66.9	50	17	67	12	
360/85		12/69	150.3	11	1	12	55	
360/90		11/67	-	5	-	-	-	
360/190		-	-	13	2	15	-	
360/195		4/71	232.0	-	-	9	48	
370/115		-	-	-	-	-	-	
370/125		4/73	8.2-13.8	-	-	-	-	
370/135	5/72	14.4	11	-	-	-		
370/145	9/71	23.3	1	-	-	-		
370/155	2/71	48.0	1	-	-	-		
370/158	-/73	49.5-85.0	-	-	-	-		
370/165	5/71	98.7	3	-	-	-		
370/168	-/73	93.0-170.0	-	-	-	-		
370/195	6/73	190.0-270.0	-	-	-	-		
Interdata Oceanport, N.J. (A) (Jan. 1973)	Model 1	12/70	3.7	244	75	319	-	
	Model 3	5/67	-	-	-	200	X	
	Model 4	8/68	8.5	274	115	389	32	
	Model 5	11/70	X	70	20	90	X	
	Model 15	1/69	20.0	40	24	64	X	
	Model 16	5/71	X	1	6	7	X	
	Model 18	6/71	X	2	7	9	X	
	Model 50/55	5/72	6.8	22	3	25	3	
	Model 70	10/71	6.8	268	55	323	75	
	Model 74	2/73	-	2	0	2	50	
	Model 80	10/72	14.9	6	0	6	15	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS		NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	
Microdata Corp. Irvine, Calif. (A) (Mar. 1973)	Micro 400/10	12/70	0.1-0.5	132	0	132
	Micro 800	12/68	0.2-3.0	1993	810	2803
	Micro 1600	12/71	0.2-3.0	364	95	459
NCR Dayton, Ohio (A) (Dec. 1972)	304	1/60	X	5	2	7
	310	5/61	X	8	0	8
	315	5/62	7.0	255	200	455
	315 RMC	9/65	9.0	55	35	90
	390	5/61	0.7	160	325	485
	500	10/65	1.0	1100	1750	2850
	Century 50	2/71	1.6	580	0	580
	Century 100	9/68	2.6	1175	780	1955
	Century 101	12/72	3.7	50	-	-
	Century 200	6/69	7.0	575	330	905
Philco Willow Grove, Pa. (N) (Jan. 1969)	1000	6/63	X	16	-	X
	200-210,211	10/58	X	16	-	X
Raytheon Data Systems Co. Norwood, Mass. (A) (Jan. 1973)	250	12/60	X	115	20	135
	440	3/64	X	20	-	X
	520	10/65	X	26	1	27
	703	10/67	12.5	(S) 177	33	210
	704	3/70	7.2	(S) 260	70	330
	706	5/69	19.0	(S) 75	17	92
	IC 4000	12/68	9.0	9	0	9
Standard Computer Corp. Los Angeles, Calif. (A) (June 1972)	IC 6000-6000/E	5/67	16.0	3	0	3
	IC 7000	8/70	17.0	4	0	4
	IC-9000	5/71	400.0	(S) 1	0	1
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (Dec. 1972)	SYSTEMS 810B	9/68	2.6	168	10	178
	SYSTEMS 71	8/72	0.9	-	-	-
	SYSTEMS 72	9/71	1.0	14	3	17
	SYSTEMS 85	7/72	6.0	3	1	4
	SYSTEMS 86	6/70	10.0	31	1	32
UNIVAC Div. of Sperry Rand New York, N.Y. (A) (April 1972)	I & II	3/51 & 11/57	X	23	-	X
	III	8/62	X	25	6	31
	File Computers	8/56	X	13	-	X
	Solid-State 80 I,II, 90, I, II, & Step	8/58	X	210	-	X
	418	6/63	11.0	80	39	119
	490 Series	12/61	30.0	76	14	90
	1004	2/63	1.9	1522	610	2132
	1005	4/66	2.4	617	248	865
	1050	9/63	8.5	136	59	195
	1100 Series (except 1107, 1108)	12/50	X	9	0	9
	1107	10/62	X	8	3	11
	1108	9/65	68.0	103	129	232
	9200	6/67	1.5	1106	835	1941
	9300	9/67	3.4	412	62	474
	9400	5/69	7.0	82	41	123
	LARC	5/60	135.0	2	0	2
	301	2/61	7.0	143	-	-
	501	6/59	14.0-18.0	17	-	-
	601	11/62	14.0-35.0	0	-	-
	3301	7/64	17.0-35.0	74	-	-
	Spectra 70/15, 25	9/65	4.3	18	-	-
	Spectra 70/35	1/67	9.2	95	-	-
	Spectra 70/45	11/65	22.5	265	-	-
Spectra 70/46	11/68	33.5	30	-	-	
Spectra 70/55	11/66	34.0	10	-	-	
Spectra 70/60	11/70	32.0	18	-	-	
Spectra 70/61	4/70	42.0	7	-	-	
70/2	5/71	16.0	63	-	-	
70/3	9/71	25.0	7	-	-	
70/6	9/71	25.0	25	-	-	
70/7	12/71	35.0	7	-	-	
Varian Data Machines Newport Beach, Calif. (A) (Mar. 1973)	620	11/65	X	-	-	75
	620i	6/67	X	-	-	1300
	R-620i	4/69	-	-	-	80
	520/DC, 520i	12/69;10/68	-	-	-	500
	620/f	11/70	X	-	-	207
	620/L, 620/L-00C	4/71;9/72	-	-	-	740
	620/f-100	6/72	-	-	-	100
	620/L-100	5/72	-	-	-	200
	Varian 73	11/72	-	-	-	40
	Xerox Data Systems El Segundo, Calif. (N) (R) (April 1973)	XDS-92	4/65	1.5	43	4
XDS-910		8/62	2.0	170	10	180
XDS-920		9/62	2.9	120	12	132
XDS-930		6/64	3.4	159	14	173
XDS-940		4/66	14.0	32	3	35
XDS-9300		11/64	8.5	25-30	4	29-34
Sigma 2		12/66	1.8	163	36	199
Sigma 3		12/69	2.0	15	0	15
Sigma 5		8/67	6.0	30	14	44
Sigma 6		6/70	12.0	2	-	-
Sigma 7		12/66	12.0	30	7	37
Sigma 8		2/72	-	4	-	-
Sigma 9		-	35.0	2	-	-

NOTICE: Beginning with the July issue of *Computers and Automation*, the Monthly Computer Census will be published in three parts as follows:

Part 1 - U.S. manufacturers, A to H, in January, April, July and October
Part 2 - U.S. manufacturers, I to Z, in February, May, August, and November

Part 3 - Mfrs. outside the U.S., in March, June, September, and December
Updating sheets will, henceforth, be mailed quarterly to manufacturers.

All manufacturers of digital computers are invited to submit information for this census.

MONTHLY COMPUTER CENSUS

Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose electronic digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers from time to time for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. Several important manufacturers refuse to give out, confirm, or comment on any figures.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information for this census. We invite all our readers to submit information that would help make these figures as accurate and complete as possible.

Part I of the Monthly Computer Census contains reports for United States manufacturers. Part II contains reports for manufacturers outside of the United States. The two parts are published in alternate months.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time

SUMMARY AS OF MAY 15, 1973

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In WORLD	
Part II, Manufacturers Outside United States							
A/S Norsk Data Elektronikk Oslo, Norway (A) (May 1973)	NORD-1 NORD-2B NORD-5 NORD-10 NORD-20	8/68 8/69 2/72 5/73 1/72	2.0 4.0 (S) - 2.0 3.5 (S)	0 0 0 0 0	111 20 1 0 20	111 20 1 0 20	40 X 1 34 5
A/S Regnecentralen Copenhagen, Denmark (A) (May 1973)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	40 22	40 22	0 3
Elbit Computers Ltd. Haifa, Israel (A) (Nov. 1972)	Elbit-100	10/67	4.9 (S)	-	-	325	10
GEC Computers Ltd. Borehamwood, Hertfordshire England (A) (Nov. 1972)	902 903, 920B GEC 905 GEC 920M GEC 920C Myriad I Myriad II GEC M2140 GEC 2050	5/68 12/65 5/69 7/67 7/68 1/66 11/67 10/69 6/72	- - - - - - - - -	0 1 0 0 0 0 9 0	17 464 77 130 19 47 32 21 5	17 465 77 130 19 47 32 30 5	0 19 1 103 0 0 0 0 32
International Computers, Ltd. (ICL) London, England (A) (Sept. 1972)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2200 100 200	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2202 100 200	X X X X X X X X X X X X X X X X X X X
Japanese Mfrs. (N) (March 1972)	(Mfrs. of various models include: Fujitsu, Ltd.; Hitachi, Ltd.; Matsushita Electric Co. of America; Mitsubishi Electric Corp.; Nippon Electric Co., Ltd.; Oki Electric Industry Co.; Tokyo Shibaura Electric Co., Ltd.; Toshiba.)			-	12,809	-	800 E
Philips Electrológica BV Apeldoorn, Netherlands (A) (Oct. 1972)	P1000 P9200 P9200 t.s. P880 P850/55/60 ELX PR 8000	8/68 3/68 3/70 9/70 9/70 5/58 1/66	7.2-35.8 - - - - 6-21 -	- - - - - - -	- - - - - - -	105 300 5 29 40 42 23	39 25 1 16 290 - -
Philips' Telecommunicatie Industrie BV Hilversum, Netherlands (A) (May 1973)	DS 714 DS 18	-/67 9/72	- -	11 1	27 -	38 1	19 9
Redifon Electronic Systems, Ltd. Crawley, Sussex, England (A) (Jan. 1973)	R2000 R2000A	7/70 -	- -	1 -	19 -	20 -	4 1
Saab-Scania Aktiebolag Linköping, Sweden (A) (May 1973)	D21 D22 D220 D23 D5/30 D5/20	12/62 11/68 4/69 -/73 12/71 5/71	7.0 15.0 10.0 25.0 1.0 0.6	0 0 0 0 0 0	38 35 17 0 13 80	38 35 17 0 13 80	- 2 3 4 10 2000
Seelenia S.p.A. Roma, Italy (A) (Feb. 1973)	GP-16 GP-160	7/69 -	10.9 (S) 5.6 (S)	0 -	190 -	190 -	60 -

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens Munich, Germany (A) (Jan. 1973)	301	11/68	0.9	-	-	103	15
	302	1/68	2.1	-	-	30	7
	303	4/65	2.7	-	-	70	2
	304	5/68	4.5	-	-	81	13
	305	2/68	6.1	-	-	118	16
	306	6/70	7.9	-	-	29	5
	2002	6/59	16.4	-	-	41	-
	3003	12/63	15.8	-	-	32	-
	4004/15/16	10/65	6.1	-	-	98	4
	4004/25/26	1/66	10.0	-	-	82	15
	4004/35	2/67	14.2	-	-	204	49
	4004/127	4/73	14.0	-	-	-	4
	4004/135	10/71	20.5	-	-	93	38
	4004/45	7/66	27.3	-	-	365	35
	4004/46	4/69	41.0	-	-	16	1
	4004/55/60	7/66	35.0	-	-	28	-
	4004/150	2/72	49.0	-	-	53	53
	4004/151	3/72	61.0	-	-	9	3
	404/2	11/73	3.0	-	-	-	40
	404/3	4/71	2.1	-	-	37	14
404/6	10/71	4.5	-	-	60	41	
					Total:	Total:	
					1549	355	
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C
	BESM 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIE	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	URAL 11/14/16	-	-	-	-	C	C
	and others						
					Total:	Total:	

NOTICE: Beginning with the July issue of *Computers and Automation*, the Monthly Computer Census will be published in three parts as follows:
Part 1 — U.S. manufacturers, A to H, in January, April, July and October
Part 2 — U.S. manufacturers, I to Z, in February, May, August, and November

Part 3 — Mfrs. outside the U.S., in March, June, September, and December
Updating sheets will, henceforth, be mailed quarterly to manufacturers.
All manufacturers of digital computers are invited to submit information for this census.

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers quarterly for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. A few manufacturers refuse to give out, confirm, or comment on any figures.

Part 1 of the Monthly Computer Census contains reports for United States manufacturers, A to H, and is published in January, April, July, and October. Part 2 contains reports for United States manufacturers, I to Z, and is published in February, May, August, and November. Part 3 contains reports for manufacturers outside of the United States and is published in March, June, September, and December.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time and/or not released by manufacturer

SUMMARY AS OF JUNE 15, 1973

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)		NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
					In U.S.A.	Outside U.S.A.	In World	
Part 1. United States Manufacturers								
Adage, Inc. Brighton, Mass. (A) (May 1973)	AGT 10 Series	4/68	X		32	3	35	X
	AGT 100 Series	1/72	100-300	(S)	12	7	19	1
Autonetics Anaheim, Calif. (R) (Jan. 1969)	RECOMP II	11/58	X		30	0	30	X
	RECOMP III	6/61	X		6	0	6	X
Bailey Meter Co. Wickliffe, Ohio (A) (Aug. 1972)	Metrotype	10/57	40-200	(S)	8	0	8	0
	Bailey 750	6/60	40-250	(S)	37	15	52	0
	Bailey 755	11/61	200-600	(S)	7	0	7	0
	Bailey 756	2/65	60-400	(S)	15	12	27	2
	Bailey 855/15	12/72	50-400	(S)	0	0	0	3
	Bailey 855/25	4/68	100-1000	(S)	16	0	16	0
	Bailey 855/50	3/72	100-1000		1	0	0	X
Bunker-Ramo Corp. Westlake Village, Calif. (A) (June 1973)	BR-130	10/61	X		160	-	-	X
	BR-133	5/64	X		79	-	-	X
	BR-230	8/63	X		15	-	-	X
	BR-300	3/59	X		18	-	-	X
	BR-330	12/60	X		19	-	-	X
	BR-340	12/63	X		19	-	-	X
	BR-1018	6/71	23.0	(S)	-	-	-	-
	BR-1018C	9/72	-	-	-	-	-	-
Burroughs Detroit, Mich. (N) (R) (June 1973)	B100/500	7/65	2.8-10.0		1141	677	1818	25
	B200	11/61	5.0		-	-	500	-
	B205	1/54	X		19	2	21	X
	B220	10/58	X		23	2	25	X
	B300	7/65	7.0		-	-	600	-
	B1700	8/72	-		2	-	-	-
	B2500	2/67	4.0		277	123	400	30
	B2700	8/72	-		-	-	-	-
	B3500	5/67	12-14		572	285	857	110
	B3700	11/72	-		-	-	-	-
	B4700	10/71	-		4	-	-	-
	B5500	3/63	23.5		154	47	201	-
	B5700	12/70	32.0		27	8	35	22
	B6500	2/68	33.0		-	-	60	2
	B6700	8/72	30.0		7	4	11	60
	B7500	4/69	44.0		-	-	-	13
	B7700	2/72	85.0		-	-	2	4
	B8500	8/67	200.0		1	-	-	-
Computer Automation, Inc. Newport, Calif. (A) (April 1971)	108/208/808	6/68	5.0	(S)	165	10	175	110
	116/216/816	3/69	8.0	(S)	215	20	235	225
Consultronics, Inc. Dallas, Texas (A) (April 1973)	DCT-132	5/69	0.7		75	65	135	-
Control Data Corp. Minneapolis, Minn. (R) (April 1973)	GL5	7/55	X		-	-	295	X
	G20	4/61	X		-	-	20	X
	LGP-21	12/62	X		-	-	165	X
	LGP-30	9/56	X		-	-	322	X
	M1000	-	-		1	-	-	-
	RPC4000	1/61	X		-	-	75	X
	636/136/046 Series	-	-		-	-	29	-
	160/8090 Series	5/60	X		-	-	610	X
	921/924-A	8/61	X		-	-	29	X
	1604/A/B	1/60	X		-	-	59	X
	1700/SC	5/66	3.8		-	-	428-478	0
	3100/3150/3170	5/64	10-16		-	-	93-120	C
	3200	5/64	13.0		-	-	55-60	C
	3300	9/65	20-38		-	-	205	C
	3400	11/64	18.0		-	-	17	C
	3500	8/68	25.0		-	-	15	C
	3600	6/63	52.0		-	-	40	C
	3800	2/66	53.0		-	-	20	C
	6200/6400/6500	8/64	58.0		-	-	117	C
	6600	8/64	115.0		-	-	88	C

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$1000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Control Data (cont'd) Fairfield, N.J. (A) (June 1973)	6700	6/67	130.8	-	-	5	C
	7600	12/68	235.0	-	-	12	C
	Cyber 70/72	12/68	235.0	2	8	10	-
	Cyber 70/73	-	-	1	3	4	-
Data General Corp. Southboro, Mass. (A) (Mar. 1973)	Nova	2/69	9.2	(S)	-	925	-
	Supernova	5/70	9.6	(S)	-	413	-
	Nova 1200	12/71	5.4	(S)	-	2700	-
	Nova 800	3/71	6.9	(S)	-	485	-
	Nova 820	4/72	6.4	(S)	-	170	-
Datacraft Corp. Ft. Lauderdale, Fla. (A) (April 1973)	Nova 1210/1220	2/72	4.2-5.2	(S)	-	1540	-
	6024/1	5/69	52-300	(S)	18	18	4
	6024/3	2/70	33-200	(S)	100	25	4
	6024/5	12/71	11-80	(S)	50	0	33
	6024/5R	2/73	30-60	(S)	1	0	2
Datapoint Corp. San Antonio, Texas (A) (June 1973)	Datapoint 2200	2/71	151-292	-	-	2000	-
			151-292				
Digiac Corp. Plainview, N.Y. (A) (Feb. 1973)	Digiac 3060	1/70	9.0	(S)	78	0	8
	Digiac CT-10	-	9.0	-	20	0	1
Digital Computer Controls, Inc. Fairfield, N.J. (A) (June 1973)	D-112	8/70	10.0	(S)	755	140	-
	D-116	1/72	10.0	(S)	793	84	-
Digital Equipment Corp. Maynard, Mass. (A) (May 1972)	PDP-1	11/60	X	-	48	2	X
	PDP-4	8/62	X	-	40	5	X
	PDP-5	9/63	X	-	90	10	X
	PDP-6	10/64	X	-	-	-	X
	PDP-7	11/64	X	-	-	-	X
	PDP-8	4/65	X	-	-	-	X
	PDP-8/I	3/68	X	-	-	-	X
	PDP-8/S	-	X	-	-	-	X
	PDP-8/L	9/66	X	-	-	-	X
	PDP-8/E	11/68	X	-	-	-	X
	PDP-8/M	-	4.9	(S)	-	-	-
	PDP-8/H	-	3.9	(S)	-	-	-
	PDP-8/F	5/72	3.9	(S)	-	-	-
	PDP-9	12/66	X	-	-	-	X
	PDP-9L	11/68	X	-	-	-	X
	DECSystem-10	12/67	700-3000	(S)	-	-	-
	PDP-11/20	-	10.8	(S)	-	-	-
PDP-11R20	-	13.8	(S)	-	-	-	
PDP-11/05	-	10.8	(S)	0	0	-	
PDP-11/45	-	-	-	0	0	-	
PDP-12	9/69	-	-	-	-	-	
PDP-15	2/61	17.0	(S)	-	-	-	
LINC-8	9/66	X	-	-	-	-	
Electronic Associates Inc. West Long Branch, N.J. (A) (June 1973)	640	4/67	1.2	-	109	61	1
	8400	7/67	12.0	-	21	8	0
	PACER 100	7/72	1.0	-	40	35	25
General Automation, Inc. Anaheim, Calif. (A) (June 1973)	SPC-12	1/68	-	-	-	-	-
	SPC-16	5/70	-	-	-	-	-
	System 18/30	7/69	-	-	-	-	-
General Electric West Lynn, Mass. (Process Control Computers) (A) (June 1973)	GE-PAC 3010	5/70	X	-	25	1	X
	GE-PAC 4010	10/70	6.0	-	30	4	32
	GE-PAC 4020	2/67	X	-	200	60	X
	GE-PAC 4040	8/64	X	-	45	20	X
	GE-PAC 4050	12/66	X	-	23	2	X
GE-PAC 4060	6/65	X	-	18	2	X	
Hewlett Packard Cupertino, Calif. (A) (Oct. 1972)	2114A, 2114B	10/68	0.25	-	-	-	-
	2115A	11/67	0.41	-	-	-	-
	2116A, 2116B, 2116C	11/66	0.6	-	-	-	-
Honeywell Information Systems Wellesley Hills, Mass. (R) (June 1973)	G58	5/70	1.0	-	-	-	-
	G103A	6/69	1.3	-	-	-	-
	G105B	6/69	1.4	-	-	-	-
	G105RTS	7/69	1.2	-	-	-	-
	G113	4/66	2.2	-	200-400	420-680	620-1080
	G120	3/69	2.9	-	-	-	-
	G130	12/68	4.5	-	-	-	-
	G205	6/64	X	-	11	0	11
	G210	7/60	X	-	35	0	35
	G215	9/63	X	-	15	1	16
	G225	4/61	X	-	145	15	160
	G235	4/64	X	-	40-60	17	57-77
	G245	11/68	X	-	3	-	-
	G255 T/S	10/67	X	-	15-20	-	-
	G265 T/S	10/65	X	-	43-60	15-30	60-90
	G275 T/S	11/68	X	-	-	-	10
	G405	2/68	6.8	-	10-40	5	15-45
	G410 T/S	11/69	1.0	-	-	-	-
	G415	5/64	7.3	-	70-100	240-400	310-500
	G420 T/S	6/67	23.0	-	-	-	-
	G425	6/64	9.6	-	50-100	20-30	70-130
	G430 T/S	6/69	17.0	-	-	-	-
	G435	9/65	14.0	-	20	6	26
	G440 T/S	7/69	25.0	-	-	-	-
	G615	3/68	32.0	-	-	-	-
	G625	4/65	X	-	23	3	26
	G635	5/65	47.0	-	20-40	3	23-43
	H-110	8/68	2.7	-	180	7	187
	H-115	6/70	3.5	-	30	-	-
	H-120	1/66	4.8	-	800	160	960
H-125	12/67	7.0	-	150	220	370	
H-200	3/64	7.5	-	800	275	1075	
H-400	12/61	10.5	-	46	40	86	
H-800	12/60	30.0	-	57	15	72	
H-1200	2/66	9.8	-	230	90	320	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Honeywell (cont'd)	H-1250	7/68	12.0	130	55	185	-	
	H-1400	1/64	14.0	4	6	10	X	
	H-1800	1/64	50.0	15	5	20	X	
	H-2015	-	-	-	2	-	-	-
	H-2040	-	-	-	3	-	-	-
	H-2050	-	-	-	1	-	-	-
	H-2200	1/66	18.0	125	60	185	-	
	H-3200	2/70	24.0	20	2	22	-	
	H-4200	8/68	32.5	18	2	20	-	
	H-6030	-	-	-	2	-	-	-
	H-6040	-	-	-	3	-	-	-
	H-6060	-	-	-	4	-	-	-
	H-8200	12/68	50.0	10	3	13	-	
	DDP-24	5/63	2.65	-	-	90	X	
	DDP-116	4/65	X	-	-	250	X	
	DDP-124	3/66	X	-	-	250	X	
	DDP-224	3/65	X	-	-	60	X	
	DDP-316	6/69	0.6	-	-	452	-	
	DDP-416	-	X	-	-	350	X	
	DDP-516	9/66	1.2	-	-	900	-	
	H112	10/69	-	-	-	75	-	
	H632	12/68	3.2	-	-	12	-	
	H1602	-	-	-	-	-	-	
	H1642	-	-	-	-	-	-	
	H1644	-	-	-	-	-	-	
	H1646	-	-	-	-	-	-	
	H1648	11/68	12.0	-	-	20	-	
	H1648A	-	-	-	-	-	-	

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers quarterly for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. A few manufacturers refuse to give out, confirm, or comment on any figures.

Part 1 of the Monthly Computer Census contains reports for United States manufacturers, A to H, and is published in January, April, July, and October. Part 2 contains reports for United States manufacturers, I to Z, and is published in February, May, August, and November. Part 3 contains reports for manufacturers outside of the United States and is published in March, June, September, and December.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time and/or not released by manufacturer

SUMMARY AS OF JULY 15, 1973

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part 2. United States Manufacturers							
IBM	305	12/57	3.6	40	15	55	-
White Plains, N.Y.	650	10/67	4.8	50	18	68	-
(N) (D) (June 1973)	1130	2/66	1.5	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 I, II	9/60	4.1	285	186	471	-
	1800	1/66	5.1	416	148	564	-
	7010	10/63	26.0	67	17	84	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	62	-
	7044	6/63	36.5	28	13	41	-
	705	11/55	38.0	18	3	21	-
	7020, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-
	7080	8/61	60.0	13	2	15	-
	7090	11/59	63.5	4	2	6	-
	7094-I	9/62	75.0	10	4	14	-
	7094-II	4/64	83.0	6	4	10	-
	System/3 Model 6	3/71	1.0	8	-	-	-
	System/3 Model 10	1/70	1.1	4	-	-	-
	System/7	11/71	0.35 and up	12	-	-	-
	360/20	12/65	2.7	7161	6075	13236	1780
	360/25	1/68	5.1	1112	759	1871	1287
	360/30	5/65	10.3	5487	2535	8022	-
	360/40	4/65	19.3	2454	1524	3978	1363
	360/44	7/66	11.8	109	57	166	39
	360/50	8/65	29.1	1135	445	1580	662
	360/65	11/65	57.2	604	144	748	562
	360/67	10/65	133.8	57	6	63	99
	360/75	2/66	66.9	50	17	67	12
	360/85	12/69	150.3	11	1	12	55
	360/90	11/67	-	5	-	-	-
	360/190	-	-	13	2	15	-
	360/195	4/71	232.0	-	-	9	48
	370/115	-	-	-	-	-	-
	370/125	4/73	8.2-13.8	1	-	-	-
	370/135	5/72	14.4	12	-	-	-
	370/145	9/71	23.3	1	-	-	-
	370/155	2/71	48.0	1	-	-	-
	370/158	-/73	49.5-85.0	1	-	-	-
	370/165	5/71	98.7	3	-	-	-
	370/168	-/73	93.0-170.0	-	-	-	-
	370/195	6/73	190.0-270.0	-	-	-	-
Interdata	Model 1	12/70	3.7	244	75	319	-
Oceanport, N.J.	Model 3	5/67	13.1	-	-	200	X
(A) (Jan. 1973)	Model 4	8/68	8.5	274	115	389	32
	Model 5	11/70	X	70	20	90	X
	Model 15	1/69	20.0	40	24	64	X
	Model 16	5/71	X	1	6	7	X
	Model 18	6/71	X	2	7	9	X
	Model 50/55	5/72	6.8	22	3	25	3
	Model 70	10/71	6.8	268	55	323	75
	Model 74	2/73	15	2	0	2	50
	Model 80	10/72	14.9	6	0	6	15
Microdata Corp.	Micro 400/10	12/70	0.1-0.5	132	0	132	-
Irvine, Calif.	Micro 800	12/68	0.2-3.0	1993	810	2803	-
(A) (Mar. 1973)	Micro 1600	12/71	0.2-3.0	364	95	459	-
NCR	304	1/60	X	5	2	7	X
Dayton, Ohio	310	5/61	X	8	0	8	X
(A) (Dec. 1972)	315	5/62	7.0	255	200	455	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)		NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
					In U.S.A.	Outside U.S.A.	In World		
NCR (cont'd)	315 RMC	9/65	9.0		55	35	90	-	
	390	5/61	0.7		160	325	485	-	
	500	10/65	1.0		1100	1750	2850	-	
	Century 50	2/71	1.6		580	0	580	-	
	Century 100	9/68	2.6		1175	780	1955	-	
	Century 101	12/72	3.7		50	-	-	-	
	Century 200	6/69	7.0		575	330	905	-	
	Century 300	2/72	21.0		5	5	10	-	
Philco	1000	6/63	X		16	-	-	X	
	Willow Grove, Pa. (N) (Jan. 1969)	200-210, 211	10/58	X	16	-	-	X	
		2000-212	1/63	X	12	-	-	X	
Raytheon Data Systems Co. Norwood, Mass. (A) (Jan. 1973)	250	12/60	X		115	20	135	X	
	440	3/64	X		20	-	-	X	
	520	10/65	X		26	1	27	X	
	703	10/67	12.5	(S)	177	33	210	2	
	704	3/70	7.2	(S)	260	70	330	40	
	706	5/69	19.0	(S)	75	17	92	0	
Standard Computer Corp. Los Angeles, Calif. (A) (June 1972)	IC 4000	12/68	9.0		9	0	9	2	
	IC 6000-6000/E	5/67	16.0		3	0	3	-	
	IC 7000	8/70	17.0		4	0	4	1	
	IC-9000	5/71	400.0	(S)	1	0	1	-	
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (June 1973)	SYSTEMS 810A/810B	6-66/9-68	1.8/2.6		380	30	410	-	
	SYSTEMS 71/72	8-72/9-71	0.9/1.0		17	5	22	-	
	SYSTEMS 85/86	7-72/6-70	6.0/10.0		35	2	37	-	
Texas Instruments Inc. Houston, Tex. (A) (June 1973)	960	6/70	X		-	-	-	X	
	960A	11/71	0.2-2.7		-	-	-	-	
	980	5/68	X		-	-	-	X	
	980A	8/72	0.3-2.7		-	-	-	-	
UNIVAC Div. of Sperry Rand Philadelphia, Pa. (A) (June 1973)	I & II	3/51 & 11/57	X		23	-	-	X	
	III	8/62	X		25	6	31	X	
	File Computers	8/56	X		13	-	-	X	
	Solid-State 80 I, II, 90, I, II, & Step	8/58	X		210	-	-	X	
	418	6/63	11.0		80	39	119	23 E	
	490 Series	12/61	30.0		76	15	91	15	
	1004	2/63	1.9		1522	610	2132	-	
	1005	4/66	2.4		617	248	865	72	
	1050	9/63	8.5		136	59	195	-	
	1100 Series (except 1107, 1108)	12/50	X		10	9	10	X	
	1107	10/62	X		8	3	11	X	
	1108	9/65	68.0		103	129	232	58 E	
	9200	6/67	1.5		1106	835	1941	725	
	9300	9/67	3.4		412	62	474	510 E	
	9400	5/69	7.0		83	41	124	83 E	
	9700	-	-		2	-	-	-	
	LARC	5/60	135.0		2	0	2	-	
UNIVAC - Series 70 Blue Bell, Pa. (A) (Feb. 1973)	301	2/61	7.0		143	-	-	-	
	501	6/59	14.0-18.0		17	-	-	-	
	601	11/62	14.0-35.0		0	-	-	-	
	3301	7/64	17.0-35.0		74	-	-	-	
	Spectra 70/15, 25	9/65	4.3		18	-	-	-	
	Spectra 70/35	1/67	9.2		95	-	-	-	
	Spectra 70/45	11/65	22.5		265	-	-	-	
	Spectra 70/46	11/68	33.5		30	-	-	-	
	Spectra 70/55	11/66	34.0		10	-	-	-	
	Spectra 70/60	11/70	32.0		18	-	-	-	
	Spectra 70/61	4/70	42.0		7	-	-	-	
	70/2	5/71	16.0		63	-	-	-	
	70/3	9/71	25.0		7	-	-	-	
	70/6	9/71	25.0		24	-	-	-	
	70/7	12/71	35.0		7	-	-	-	
	Varian Data Machines Newport Beach, Calif. (A) (Mar. 1973)	620	11/65	X		-	-	75	X
		6201	6/67	X		-	-	1300	X
		R-6201	4/69	-		-	-	80	-
		520/DC, 5201	12/69;10/68	-		-	-	500	150
		620/f	11/70	X		-	-	207	X
620/L, 620/L-00C		4/71;9/72	-		-	-	740	101	
620/f-100		6/72	-		-	-	100	43	
620/L-100		5/72	-		-	-	200	235	
Varian 73	11/72	-		-	-	40	39		
Xerox Data Systems El Segundo, Calif. (N) (R) (June 1973)	XDS-92	4/65	1.5		43	4	47	-	
	XDS-910	8/62	2.0		170	10	180	-	
	XDS-920	9/62	2.9		120	12	132	-	
	XDS-930	6/64	3.4		159	14	173	-	
	XDS-940	4/66	14.0		32	3	35	-	
	XDS-9300	11/64	8.5		25-30	4	29-34	-	
	Sigma 2	12/66	1.8		163	36	199	-	
	Sigma 3	12/69	2.0		21	1	22	-	
	Sigma 5	8/67	6.0		30	14	44	-	
	Sigma 6	6/70	12.0		3	-	-	-	
	Sigma 7	12/66	12.0		31	7	38	-	
	Sigma 8	2/72	-		5	-	-	-	
	Sigma 9	-	35.0		5	-	-	-	

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers quarterly for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. A few manufacturers refuse to give out, confirm, or comment on any figures.

Part 1 of the Monthly Computer Census contains reports for United States manufacturers, A to H, and is published in January, April, July, and October. Part 2 contains reports for United States manufacturers, I to Z, and is published in February, May, August, and November. Part 3 contains reports for manufacturers outside of the United States and is published in March, June, September, and December.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E ---figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time and/or not released by manufacturer

SUMMARY AS OF AUGUST 15, 1973

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)		NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
			In U.S.A.	Outside U.S.A.	In U.S.A.	World	World	
Part 3. Manufacturers Outside United States								
A/S Norsk Data Elektronikk Oslo, Norway (A) (July 1973)	NORD-1 NORD-2B NORD-5 NORD-10 NORD-20	8/68 8/69 2/72 5/73 1/72	2.0 4.0 (S) - 2.0 3.5 (S)	0 0 0 0 0	111 20 1 0 20	111 20 1 0 20	40 X 1 34 5	
A/S Regnecentralen Copenhagen, Denmark (A) (May 1973)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	40 22	40 22	0 3	
Elbit Computers Ltd. Haifa, Israel (A) (Nov. 1972)	Elbit-100	10/67	4.9 (S)	-	-	325	10	
GEC Computers Ltd. Borehamwood, Hertfordshire England (A) (Nov. 1972)	902 903, 920B GEC 905 GEC 920M GEC 920C Myriad I Myriad II GEC M2140 GEC 2050	5/68 12/65 5/69 7/67 7/68 1/66 11/67 10/69 6/72	- - - - - - - - -	0 1 0 0 0 0 0 9 0	17 464 77 130 19 47 32 21 5	17 465 77 130 19 47 32 30 5	0 19 1 103 0 0 0 0 32	
International Computers, Ltd. (ICL) London, England (A) (Sept. 1972)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2200 100 200	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2202 100 200	X X X X X X X X X X X X X X X X X X X -	
Japanese Mfrs.	(Mfrs. of various models include: Fujitsu, Ltd.; Hitachi, Ltd.; Matsushita Electric Co. of America; Mitsubishi Electric Corp.; Nippon Electric Co., Ltd.; Oki Electric Industry Co.; Tokyo Shibaura Electric Co., Ltd.; Toshiba.)				12,809	-	800 E	
Philips Electrologica BV Apeldoorn, Netherlands (A) (Oct. 1972)	P1000 P9200 P9200 t.s. P880 P850/55/60 ELX PR 8000	8/68 3/68 3/70 9/70 9/70 5/58 1/66	7.2-35.8 - - - - 6-21 -	- - - - - - -	- - - - - - -	105 300 5 29 40 42 23	39 25 1 16 290 - -	
Philips' Telecommunicatie Industrie BV Hilversum, Netherlands (A) (Aug. 1973)	DS 714 DS 18	-/67 9/72	- -	11 1	27 -	27 1	19 9	
Redifon Electronic Systems, Ltd. Crawley, Sussex, England (A) (Aug. 1973)	R2000 R2000A	7/70 6/73	- -	1 -	26 2	27 2	2 12	
Saab-Scania Aktiebolag Linköping, Sweden (A) (May 1973)	D21 D22 D220 D23 D5/30 D5/20	12/62 11/68 4/69 -/73 12/71 5/71	7.0 15.0 10.0 25.0 1.0 0.6	0 0 0 0 0 0	38 35 17 0 13 80	38 35 17 0 13 80	- 2 3 4 10 2000	
Seelenia S.p.A. Roma, Italy (A) (Feb. 1973)	GP-16 GP-160	7/69	10.9 (S) 5.6 (S)	0 -	190 -	190 -	60 -	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Siemens Munich, Germany (A) (Aug. 1973)	300 Series	4/65-6/70	0.9-7.9	-	-	484	57
	2002	6/59	16.4	-	-	41	-
	3003	12/63	15.8	-	-	32	-
	4004/15/16	10/65	6.1	-	-	93	2
	4004/25/26	1/66	10.0	-	-	90	14
	4004/35	2/67	14.2	-	-	207	41
	4004/127	4/73	14.0	-	-	13	52
	4004/135	10/71	20.5	-	-	124	37
	4004/45	7/66	27.3	-	-	357	37
	4004/46	4/69	41.0	-	-	13	2
	4004/55/60	7/66	35.0	-	-	26	-
	4004/150	2/72	49.0	-	-	96	39
	4004/151	3/72	61.0	-	-	15	8
	404/2	11/73	3.0	-	-	-	48
404/3	4/71	2.1	-	-	58	31	
404/6	10/71	4.5	-	-	75	33	
Telefunken Computer GmbH Konstanz, Germany (A) (July 1973)	TR 4	10/61	X	-	-	35	X
	TR 440	6/70	51.0	-	-	21	4
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C
	BESM 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIE	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers quarterly for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. A few manufacturers refuse to give out, confirm, or comment on any figures.

Part 1 of the Monthly Computer Census contains reports for United States manufacturers, A to H, and is published in January, April, July, and October. Part 2 contains reports for United States manufacturers, I to Z, and is published in February, May, August, and November. Part 3 contains reports for manufacturers outside of the United States and is published in March, June, September, and December.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C ---figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time and/or not released by manufacturer

SUMMARY AS OF SEPTEMBER 15, 1973

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part 1. United States Manufacturers A-H							
Adage, Inc.	ACT 10 Series	4/68	X	32	3	35	X
Brighton, Mass.	ACT 100 Series	1/72	100-300	(S) 14	7	21	7
(A) (Aug. 1973)	Adage 400	1/74	30-50	(S) 0	0	0	1
Autonetics	RECOMP II	11/58	X	30	0	30	X
Anaheim, Calif.	RECOMP III	6/61	X	6	0	6	X
(R) (Jan. 1969)							
Bailey Meter Co.	Metrotype	10/57	40-200	(S) 8	0	8	0
Wickliffe, Ohio	Bailey 750	6/60	40-250	(S) 37	15	52	0
(R) (Aug. 1972)	Bailey 755	11/61	200-600	(S) 7	0	7	0
	Bailey 756	2/65	60-400	(S) 15	12	27	2
	Bailey 855/15	12/72	50-400	(S) 0	0	0	3
	Bailey 855/25	4/68	100-1000	(S) 16	0	16	0
	Bailey 855/50	3/72	100-1000	1	0	0	X
Bunker-Ramo Corp.	BR-130	10/61	X	160	-	-	X
Westlake Village, Calif.	BR-133	5/64	X	79	-	-	X
(A) (June 1973)	BR-230	8/63	X	15	-	-	X
	BR-300	3/59	X	18	-	-	X
	BR-330	12/60	X	19	-	-	-
	BR-340	12/63	X	19	-	-	X
	BR-1018	6/71	23.0	(S) -	-	-	-
	BR-1018C	9/72	-	-	-	-	-
Burroughs	B100/500	7/65	2.8-10.0	1141	677	1818	25
Detroit, Mich.	B200	11/61	5.0	-	-	500	-
(N) (R) (Sept. 1973)	B205	1/54	X	19	2	21	X
	B220	10/58	X	23	2	25	X
	B300	7/65	7.0	-	-	600	-
	B1700	8/72	-	2	-	-	-
	B2500	2/67	4.0	277	123	400	30
	B2700	8/72	-	-	-	-	-
	B3500	5/67	12-14	572	285	857	110
	B3700	11/72	-	-	-	-	-
	B4700	10/71	-	4	-	-	-
	B5500	3/63	23.5	152	47	199	-
	B5700	12/70	32.0	27	8	35	22
	B6500	2/68	33.0	-	-	60	2
	B6700	8/72	30.0	8	4	12	60
	B7500	4/69	44.0	-	-	-	13
	B7700	2/72	85.0	-	-	2	4
	B8500	8/67	200.0	1	-	-	-
Computer Automation, Inc.	108/208/808	6/68	5.0	(S) 165	10	175	110
Newport, Calif.	116/216/816	3/69	8.0	(S) 215	20	235	225
(R) (April 1971)							
Consultronics, Inc.	DCT-132	5/69	0.7	75	65	135	-
Dallas, Texas							
(A) (April 1973)							
Control Data Corp.	G15	7/55	X	-	-	295	X
Minneapolis, Minn.	G20	4/61	X	-	-	20	X
(R) (Sept. 1973)	LGP-21	12/62	X	-	-	165	X
	LGP-30	9/56	X	-	-	322	X
	M1000	-	-	1	-	-	-
	RPC4000	1/61	X	-	-	75	X
	636/136/046 Series	-	-	-	-	29	X
	160/8090 Series	5/60	X	-	-	610	X
	921/924-A	8/61	X	-	-	29	X
	1604/A/B	1/60	X	-	-	59	X
	1700/SC	5/66	3.8	-	-	428-478	0
	3100/3150/3170	5/64	10-16	-	-	93-120	C
	3200	5/64	13.0	-	-	55-60	C
	3300	9/65	20-38	-	-	205	C
	3400	11/64	18.0	-	-	17	C
	3500	8/68	25.0	5	-	20	C
	3600	6/63	52.0	-	-	40	C
	3800	2/66	53.0	-	-	20	C
	6200/6400/6500	8/64	58.0	-	-	117	C
	6600	8/64	115.0	1	-	89	C

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Control Data (cont'd)	6700	6/67	130.9	-	-	5	C
	7600	12/68	235.0	-	-	12	C
	Cyber 70/72	-	-	3	9	12	-
	Cyber 70/73	-	-	3	5	8	-
Data General Corp. Southboro, Mass. (A) (Sept. 1973)	Nova	2/69	9.2	(S)	-	930	-
	Supernova	5/70	9.6	(S)	-	215	-
	Nova 1200	12/71	5.4	(S)	-	2960	-
	Nova 800	3/71	6.9	(S)	-	565	-
	Nova 820	4/72	6.4	(S)	-	220	-
	Nova 1210/1220	2/72	4.2;5.2	(S)	-	2135	-
Datacraft Corp. Ft. Lauderdale, Fla. (A) (Sept. 1973)	6024/1	5/69	52-300	(S)	18	0	18
	6024/3	2/70	33-200	(S)	100	26	126
	6024/4	8/73	19.9	(S)	2	0	2
	6024/5	5/72	11-80	(S)	101	2	103
	6024/5R	2/73	30-60	(S)	3	0	3
Datapoint Corp. San Antonio, Texas (A) (June 1973)	Datapoint 2200	2/71	151-292	-	-	2000	-
Digiac Corp. Plainview, N.Y. (A) (Feb. 1973)	Digiac 3060	1/70	9.0	(S)	78	0	78
	Digiac CT-10	-	9.0	-	20	0	20
Digital Computer Controls, Inc. Fairfield, N.J. (A) (Sept. 1973)	D-112	8/70	10.0	(S)	831	183	1014
	D-116	1/72	10.0	(S)	1006	99	1105
Digital Equipment Corp. Maynard, Mass. (A) (Sept. 1973)	PDP-1	11/60	X	-	48	2	50
	PDP-4	8/62	X	-	40	5	45
	PDP-5	9/63	X	-	90	10	100
	PDP-6	10/64	X	-	-	-	23
	PDP-7	11/64	X	-	-	-	100
	PDP-8	4/65	X	-	-	-	1402
	PDP-8/I	3/68	X	-	-	-	3127
	PDP-8/S	9/66	X	-	-	-	918
	PDP-8/L	11/68	X	-	-	-	3699
	PDP-8/E, 8/M, 8/F	5/72	3.9-4.9	(S)	-	-	9150
	PDP-9	12/66	X	-	-	-	436
	PDP-9L	11/68	X	-	-	-	40
	DECSys-10	12/67	700-3000	(S)	-	-	250
	PDP-11/10, 11/20/11R20, 11/40	-	10.8-13.8	(S)	-	-	3280
	PDP-11/05, 11/15	-	10.8	(S)	0	0	3170
	PDP-11/45	-	-	-	0	0	650
	PDP-12	9/69	-	-	-	-	725
PDP-15	2/61	17.0	(S)	-	-	625	
LINC-8	9/66	X	-	-	-	200	
Electronic Associates Inc. West Long Branch, N.J. (A) (Sept. 1973)	640	4/67	1.2	-	110	61	171
	8400	7/67	12.0	-	21	8	29
	PACER 100	7/72	1.0	-	50	45	95
General Automation, Inc. Anaheim, Calif. (A) (Sept. 1973)	SPC-12	1/68	-	-	-	-	2000
	SPC-16	5/70	-	-	-	-	1500
	System 18/30	7/69	-	-	-	-	400
General Electric West Lynn, Mass. (Process Control Computers) (A) (June 1973)	GE-PAC 3010	5/70	X	-	25	1	26
	GE-PAC 4010	10/70	6.0	-	30	4	34
	GE-PAC 4020	2/67	X	-	200	60	260
	GE-PAC 4040	8/64	X	-	45	20	65
	GE-PAC 4050	12/66	X	-	23	2	25
	GE-PAC 4060	6/65	X	-	18	2	20
Hewlett Packard Cupertino, Calif. (R) (Oct. 1972)	2114A, 2114B	10/68	0.25	-	-	-	1182
	2115A	11/67	0.41	-	-	-	333
	2116A, 2116B, 2116C	11/66	0.6	-	-	-	1171
Honeywell Information Systems Wellesley Hills, Mass. (R) (Sept. 1973)	G58	5/70	1.0	-	-	-	4
	G105A	6/69	1.3	-	-	-	6
	G105B	6/69	1.4	-	-	-	-
	G105RTS	7/69	1.2	-	-	-	-
	G115	4/66	2.2	-	200-400	420-680	620-1080
	G120	3/69	2.9	-	-	-	-
	G130	12/68	4.5	-	-	-	-
	G205	6/64	X	-	11	0	11
	G210	7/60	X	-	35	0	35
	G215	9/63	X	-	15	1	16
	G225	4/61	X	-	145	15	160
	G235	4/64	X	-	40-60	17	57-77
	G245	11/68	X	-	3	-	-
	G255 T/S	10/67	X	-	15-20	-	-
	G265 T/S	10/65	X	-	45-60	15-30	60-90
	G275 T/S	11/68	X	-	-	-	10
	G405	2/68	6.8	-	10-40	5	15-45
	G410 T/S	11/69	1.0	-	-	-	-
	G415	5/64	7.3	-	70-100	240-400	310-500
	G420 T/S	6/67	23.0	-	-	-	-
	G425	6/64	9.6	-	50-100	20-30	70-130
	G430 T/S	6/69	17.0	-	-	-	-
	G435	9/65	14.0	-	20	6	26
	G440 T/S	7/69	25.0	-	-	-	-
	G615	3/68	32.0	-	-	-	-
	G625	4/65	X	-	23	3	26
	G635	5/65	47.0	-	20-40	3	23-43
	H-110	8/68	2.7	-	180	7	187
	H-115	6/70	3.5	-	30	-	-
	H-120	1/66	4.8	-	800	160	960
	H-125	12/67	7.0	-	150	220	370
	H-200	3/64	7.5	-	800	275	1075
	H-400	12/61	10.5	-	46	40	86
H-800	12/60	30.0	-	57	15	72	
H-1200	2/66	9.8	-	230	90	320	
H-1250	7/68	12.0	-	129	55	184	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Honeywell (cont'd)	H-1400	1/64	14.0	4	6	10	X
	H-1800	1/64	50.0	15	5	20	X
	H-2015	-	-	2	-	-	-
	H-2040	-	-	3	-	-	-
	H-2050	-	-	1	-	-	-
	H-2200	1/66	18.0	125	60	185	-
	H-3200	2/70	24.0	20	2	22	-
	H-4200	8/68	32.5	18	2	20	-
	H-6030	-	-	-	2	-	-
	H-6040	-	-	-	3	-	-
	H-6060	-	-	-	4	-	-
	H-8200	12/68	50.0	10	3	13	-
	DDP-24	5/63	2.65	-	-	90	X
	DDP-116	4/65	X	-	-	250	X
	DDP-124	3/66	X	-	-	250	X
	DDP-224	3/65	X	-	-	60	X
	DDP-316	6/69	0.6	-	-	452	-
	DDP-416	-	X	-	-	350	X
	DDP-516	9/66	1.2	-	-	900	-
	H112	10/69	-	-	-	75	-
	H632	12/68	3.2	-	-	12	-
	H1602	-	-	-	-	-	-
	H1642	-	-	-	-	-	-
	H1644	-	-	-	-	-	-
	H1646	-	-	-	-	-	-
	H1648	11/68	12.0	-	-	20	-
	H1648A	-	-	-	-	-	-

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers quarterly for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. A few manufacturers refuse to give out, confirm, or comment on any figures.

Part 1 of the Monthly Computer Census contains reports for United States manufacturers, A to H, and is published in January, April, July, and October. Part 2 contains reports for United States manufacturers, I to Z, and is published in February, May, August, and November. Part 3 contains reports for manufacturers outside of the United States and is published in March, June, September, and December.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time and/or not released by manufacturer

SUMMARY AS OF OCTOBER 15, 1973

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$'000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part 2. United States Manufacturers I-Z							
IBM	305	12/57	3.6	40	15	55	-
White Plains, N.Y.	650	10/67	4.8	50	18	68	-
(N) (D) (Oct. 1973)	1130	2/66	1.5	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 I, II	9/60	4.1	285	186	471	-
	1800	1/66	5.1	416	148	564	-
	7010	10/63	26.0	67	17	84	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	62	-
	7044	6/63	36.5	28	13	41	-
	705	11/55	38.0	18	3	21	-
	7020, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-
	7080	8/61	60.0	13	2	15	-
	7090	11/59	63.5	4	2	6	-
	7094-I	9/62	75.0	10	4	14	-
	7094-II	4/64	83.0	6	4	10	-
	System/3 Model 6	3/71	1.0	8	-	-	-
	System/3 Model 10	1/70	1.1	5	-	-	-
	System/3 Model 15	-	-	-	-	-	-
	System/7	11/71	0.35 and up	15	-	-	-
	360/20	12/65	2.7	7161	6075	13236	1780
	360/25	1/68	5.1	1112	759	1871	1287
	360/30	5/65	10.3	5487	2535	8022	-
	360/40	4/65	19.3	2454	1524	3978	1363
	360/44	7/66	11.8	109	57	166	39
	360/50	8/65	29.1	1135	445	1580	662
	360/65	11/65	57.2	604	144	748	562
	360/67	10/65	133.8	65	6	71	99
	360/75	2/66	66.9	50	17	67	12
	360/85	12/69	150.3	11	1	12	55
	360/90	11/67	-	5	-	-	-
	360/91	-	-	1	-	-	-
	360/190	-	-	13	2	15	-
	360/195	4/71	232.0	-	-	9	48
	370/115	-	-	-	-	-	-
	370/125	4/73	8.2-13.8	1	-	-	-
	370/135	5/72	14.4	13	-	-	-
	370/145	9/71	23.3	2	-	-	-
	370/155	2/71	48.0	2	-	-	-
	370/158	-/73	49.5-85.0	1	-	-	-
	370/165	5/71	98.7	3	-	-	-
	370/168	-/73	93.0-170.0	1	3	-	-
	370/195	6/73	190.0-270.0	-	-	-	-
Interdata	Model 1	12/70	3.7	244	75	319	-
Oceanport, N.J.	Model 3	5/67	13.1	-	-	200	X
(A) (Oct. 1973)	Model 4	8/68	8.5	274	115	389	32
	Model 5	11/70	X	70	20	90	X
	Model 7/16	-/74	-	-	-	-	-
	Model 7/32	-/74	-	-	-	-	-
	Model 15	1/69	20.0	40	24	64	X
	Model 16	5/71	X	1	6	7	X
	Model 18	6/71	X	2	7	9	X
	Model 50/55	5/72	-	75	10	85	115
	Model 70	10/71	-	466	116	582	107
	Model 74	2/73	-	41	8	49	126
	Model 80	10/72	-	15	3	18	20
	Model 85	6/73	-	1	-	-	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Microdata Corp. Irvine, Calif. (A) (Sept. 1973)	Micro 400/10	12/70	0.1-0.5	139	0	139	-
	Micro 800	12/68	0.2-3.0	2927	810	3737	-
	Micro 1600	12/71	0.2-3.0	914	95	1009	-
NCR Dayton, Ohio (N) (R) (Oct. 1973)	304	1/60	X	5	2	7	X
	310	5/61	X	8	0	8	X
	315	5/62	7.0	255	200	455	-
	315 RMC	9/65	9.0	55	35	90	-
	390	5/61	0.7	160	325	485	-
	500	10/65	1.0	1100	1750	2850	-
	251	-	-	1	-	-	-
	Century 50	2/71	1.6	580	0	580	-
	Century 100	9/68	2.6	1175	783	1958	-
	Century 101	12/72	3.7	50	1	51	-
Century 200	6/69	7.0	575	335	910	-	
Century 300	2/72	21.0	5	5	10	-	
Philco Willow Grove, Pa. (N) (Jan. 1969)	1000	6/63	X	16	-	-	X
	200-210,211	10/58	X	16	-	-	X
	2000-212	1/63	X	12	-	-	X
Raytheon Data Systems Co. Norwood, Mass. (A) (July 1973)	250	12/60	X	115	20	135	X
	440	3/64	X	20	-	-	X
	520	10/65	X	26	1	27	X
	703	10/67	12.5	(S) 179	33	212	0
	704	3/70	7.2	(S) 300	100	400	40
706	5/69	19.0	(S) 75	17	92	1	
Standard Computer Corp. Los Angeles, Calif. (A) (June 1972)	IC 4000	12/68	9.0	9	0	9	2
	IC 6000-6000/E	5/67	16.0	3	0	3	-
	IC 7000	8/70	17.0	4	0	4	1
	IC-9000	5/71	400.0	(S) 1	0	1	-
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (Sept. 1973)	SYSTEMS 810A/810B	6-66/9-68	1.8/2.6	382	30	412	-
	SYSTEMS 71/72	8-72/9-71	0.9/1.0	19	5	24	-
	SYSTEMS 85/86	7-72/6-70	6.0/10.0	47	3	50	-
Texas Instruments Inc. Houston, Tex. (A) (June 1973)	960	6/70	X	-	-	-	X
	960A	11/71	0.2-2.7	-	-	-	-
	980	5/68	X	-	-	-	X
	980A	8/72	0.3-2.7	-	-	-	-
UNIVAC Div. of Sperry Rand Blue Bell, Pa. (A) (Aug. 1973)	9200	6/67	1.5	1360	616	1976	-
	9300/9380	9/67	3.4	795	675	1470	-
	9400/9480	5/69	7.0	212	228	440	-
	9700	-	-	3	11	14	-
	418 III	6/63	11.0	40	77	117	-
	494	-	-	62	46	108	-
	1106	-	-	61	143	204	-
	1108	9/65	68.0	163	92	255	-
	1110	-	-	11	17	28	-
	I & II	3/51 & 11/57	X	23	-	-	X
	File Computers	8/56	X	13	-	-	X
	LARC	5/60	135.0	2	0	2	-
	1107, U111, 490/1/2, 418II, 1004/5, 1050, SS80/90	-	X	2063	1442	3505	X
	301	2/61	7.0	143	-	-	-
	501	6/59	14.0-18.0	17	-	-	-
	601	11/62	14.0-35.0	0	-	-	-
	3301	7/64	17.0-35.0	74	-	-	-
	Spectra 70/15, 25	9/65	4.3	18	-	-	-
	Spectra 70/35	1/67	9.2	95	-	-	-
	Spectra 70/45	11/65	22.5	265	-	-	-
	Spectra 70/46	11/68	33.5	30	-	-	-
	Spectra 70/55	11/66	34.0	10	-	-	-
	Spectra 70/60	11/70	32.0	18	-	-	-
Spectra 70/61	4/70	42.0	7	-	-	-	
70/2	5/71	16.0	63	-	-	-	
70/3	9/71	25.0	7	-	-	-	
70/6	9/71	25.0	24	-	-	-	
70/7	12/71	35.0	7	-	-	-	
EMR 6020	4/65	5.4	15	1	16	0	
EMR 6040	7/65	6.6	6	0	6	0	
EMR 6050	2/66	9.0	15	2	17	0	
EMR 6070	10/66	15.0	7	8	15	0	
EMR 6130	8/67	5.0	34	13	47	0	
EMR 6135	-	2.6	36	5	41	4	
EMR 6145	-	7.2	-	-	-	8	
EMR 6140	-	-	-	-	-	0	
Varian Data Machines Newport Beach, Calif. (A) (Mar. 1973)	620	11/65	X	-	-	75	X
	620i	6/67	X	-	-	1300	X
	R-620i	4/69	-	-	-	80	-
	520/DC, 520i	12/69;10/68	-	-	-	500	150
	620/f	11/70	X	-	-	207	X
	620/L, 620/L-OOC	4/71;9/72	-	-	-	740	101
	620/f-100	6/72	-	-	-	100	43
	620/L-100	5/72	-	-	-	200	235
	Varian 73	11/72	-	-	-	40	39
	Xerox Data Systems El Segundo, Calif. (N) (R) (Oct. 1973)	XDS-92	4/65	1.5	43	4	47
XDS-910		8/62	2.0	170	10	180	-
XDS-920		9/62	2.9	120	12	132	-
XDS-930		6/64	3.4	159	14	173	-
XDS-940		4/66	14.0	33	3	36	-
XDS-9300		11/64	8.5	25-30	4	29-34	-
XDS-530		8/73	7.6	-	-	-	-
Sigma 2		12/66	1.8	163	36	199	-
Sigma 3		12/69	2.0	21	1	22	-
Sigma 5		8/67	6.0	32	14	46	-
Sigma 6		6/70	12.0	3	-	-	-
Sigma 7		12/66	12.0	31	7	38	-
Sigma 8		2/72	-	5	-	-	-
Sigma 9	-	35.0	7	-	-	-	

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND AUTOMATION

The following is a summary made by COMPUTERS AND AUTOMATION of reports and estimates of the number of general purpose digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers quarterly for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. A few manufacturers refuse to give out, confirm, or comment on any figures.

Part 1 of the Monthly Computer Census contains reports for United States manufacturers, A to H, and is published in January, April, July, and October. Part 2 contains reports for United States manufacturers, I to Z, and is published in February, May, August, and November. Part 3 contains reports for manufacturers outside of the United States and is published in March, June, September, and December.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND AUTOMATION
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND AUTOMATION
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time and/or not released by manufacturer

SUMMARY AS OF NOVEMBER 15, 1973

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part 3. Manufacturers Outside United States							
A/S Norsk Data Elektronikk Oslo, Norway (A) (Nov. 1973)	NORD-1 NORD-2B NORD-5 NORD-10 NORD-20	8/68 8/69 2/72 5/73 1/72	2.0 4.0 (S) - 2.0 3.5 (S)	0 0 0 0 0	127 20 1 10 31	127 20 1 10 31	30 X 1 43 9
A/S Regnecentralen Copenhagen, Denmark (A) (Aug. 1973)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	57 23	57 23	0 3
Elbit Computers Ltd. Haifa, Israel (R) (Nov. 1973)	Elbit-100	10/67	4.9 (S)	-	-	325	10
GEC Computers Ltd. Borehamwood, Hertfordshire England (R) (Nov. 1973)	902 903, 920B GEC 905 GEC 920M GEC 920C Myriad I Myriad II GEC M2140 GEC 2050	5/68 12/65 5/69 7/67 7/68 1/66 11/67 10/69 6/72	- - - - - - - - -	0 1 0 0 0 0 0 9 0	17 464 77 130 19 47 32 21 5	17 465 77 130 19 47 32 30 5	0 19 1 103 0 0 0 0 32
International Computers, Ltd. (ICL) London, England (A) (Sept. 1972)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -53 -57 1/63 4/55 -61 -64 12/60 -60 -55 -62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2200 100 200	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2202 100 200	X X X X X X X X X X X X X X X X - - -
Japanese Mfrs.	(Mfrs. of various models include: Fujitsu, Ltd.; Hitachi, Ltd.; Matsushita Electric Co. of America; Mitsubishi Electric Corp.; Nippon Electric Co., Ltd.; Oki Electric Industry Co.; Tokyo Shibaura Electric Co., Ltd.; Toshiba.)				12,809	-	800 E
Philips Electrológica BV Apeldoorn, Netherlands (R) (Nov. 1973)	P1000 P9200 P9200 t.s. P880 P850/55/60 ELX PR 8000	8/68 3/68 3/70 9/70 9/70 5/58 1/66	7.2-35.8 - - - - 6-21 -	- - - - - - -	- - - - - - -	105 300 5 29 40 42 23	39 25 1 16 290 - -
Philips' Telecommunicatie Industrie BV Hilversum, Netherlands (A) (Oct. 1973)	DS 714 DS 18	-67 9/72	- -	13 1	25 1	38 1	19 2
Redifon Electronic Systems, Ltd. Crawley, Sussex, England (A) (Aug. 1973)	R2000 R2000A	7/70 6/73	- -	1 -	26 2	27 2	2 12
Saab-Scania Aktiebolag Linköping, Sweden (A) (Sept. 1973)	D21 D22 D220 D23 D5/30 D5/20	12/62 11/68 4/69 -73 12/71 5/71	7.0 15.0 10.0 25.0 1.0 0.6	0 0 0 0 0 18	38 36 18 0 19 312	38 36 18 0 19 330	- 0 1 5 16 2350

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL		NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
			\$(000)		In U.S.A.	Outside U.S.A.	In World	
Selenia S.p.A. Roma, Italy (A) (Feb. 1973)	GP-16 GP-160	7/69 -	10.9 5.6	(S) (S)	0 -	190 -	190 -	60 -
Siemens Munich, Germany (A) (Nov. 1973)	300 Series 2002 3003 4004/15/16 4004/25/26 4004/35 4004/127 4004/135 4004/45 4004/46 4004/55/60 4004/150 4004/151 4004/220 4004/230 404/2 404/3 404/6	4/65-4/72 6/59 12/63 10/65 1/66 2/67 4/73 10/71 7/66 4/69 7/66 2/72 3/72 - - 11/73 4/71 10/71	0.9-7.9 16.4 15.8 6.1 10.0 14.2 14.0 20.5 27.3 41.0 35.0 49.0 61.0 - - 3.0 2.1 4.5	- - - - 1 - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	680 41 29 82 89 210 38 144 333 10 23 121 26 - - - 78 93	160 X X 2 9 6 53 36 21 X X 36 14 15 16 59 25 28	
Telefunken Computer GmbH Konstanz, Germany (A) (Nov. 1973)	TR 4 TR 440	10/61 6/70	X 51.0	- -	- -	- -	35 21	X 4
USSR (N) (May 1969)	BESM 4 BESM 6 MINSK 2 MINSK 22 MIE NAIR 1 ONEGA 1 URAL 11/14/16 and others	- - - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	C C C C C C C C	C C C C C C C C

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND PEOPLE

The following is a summary made by COMPUTERS AND PEOPLE of reports and estimates of the number of general purpose digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers quarterly for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. A few manufacturers refuse to give out, confirm, or comment on any figures.

Part 1 of the Monthly Computer Census contains reports for United States manufacturers, A to H, and is published in January, April, July, and October. Part 2 contains reports for United States manufacturers, I to Z, and is published in February, May, August, and November. Part 3 contains reports for manufacturers outside of the United States and is published in March, June, September, and December.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers located anywhere to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND PEOPLE
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND PEOPLE
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time and/or not released by manufacturer

SUMMARY AS OF DECEMBER 15, 1973

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Part 1. United States Manufacturers A-H								
Adage, Inc. Boston, Mass. (A) (Nov. 1973)	AGT 10 Series AGT 100 Series Adage 300 Adage 400	4/68 1/72 3/74 1/74	X 100-300 100-300 30-50	(S) (S) (S)	32 16 0 0	3 12 0 0	35 28 0 1	X 2 1 1
Autonetics Anaheim, Calif. (R) (Jan. 1969)	RECOMP II RECOMP III	11/58 6/61	X X		30 6	0 0	30 6	X X
Bailey Meter Co. Wickliffe, Ohio (R) (Aug. 1972)	Metrotype Bailey 750 Bailey 755 Bailey 756 Bailey 855/15 Bailey 855/25 Bailey 855/50	10/57 6/60 11/61 2/65 12/72 4/68 3/72	40-200 40-250 200-600 60-400 50-400 100-1000 100-1000	(S) (S) (S) (S) (S) (S)	8 37 7 15 0 16 1	0 15 0 12 0 0 0	8 52 7 27 0 16 0	0 0 0 2 3 0 X
Bunker-Ramo Corp. Westlake Village, Calif. (A) (June 1973)	BR-130 BR-133 BA-230 BR-300 BR-330 BR-340 BR-1018 BR-1018C	10/61 5/64 8/63 3/59 12/60 12/63 6/71 9/72	X X X X X X 23.0 -	(S)	160 79 15 18 19 19 -	- - - - - - - -	- - - - - - - -	X X X X - - - -
Burroughs Detroit, Mich. (N) (R) (Dec. 1973)	B100/500 B200 B205 B220 B300 B700 B1700 B2500 B2700 B3500 B3700 B4700 B5500 B5700 B6500 B6700 B7500 B7700 B8500	7/65 11/61 1/54 10/58 7/65 - 8/72 2/67 8/72 5/67 11/72 10/71 3/63 12/70 2/68 8/72 4/69 2/72 8/67	2.8-10.0 5.0 X X 7.0 - - 4.0 - 12-14 - 6 23.5 32.0 33.0 30.0 44.0 85.0 200.0		1141 - 19 23 - - 2 277 - 570 - 6 152 27 - - 12 - 1 1	677 - 2 2 - - - 123 - 285 - 1 47 8 - - 4 - - -	1818 500 21 25 600 - - 400 - 857 - 7 199 35 60 16 - - 1 -	25 - X X X - - 30 - 110 - - - 22 2 60 13 4 -
Computer Automation, Inc. Newport, Calif. (R) (April 1971)	108/208/808 116/216/816	6/68 3/69	5.0 8.0	(S) (S)	165 215	10 20	175 235	110 225
Consultronics, Inc. Dallas, Texas (A) (April 1973)	DCT-132	5/69	0.7		75	65	135	-
Control Data Corp. Minneapolis, Minn. (R) (Dec. 1973)	G15 G20 LGP-21 LGP-30 M1000 RPC4000 636/136/046 Series 160/8090 Series 921/924-A 1604/A/B 1700/SC 3100/3150/3170 3200 3300 3400 3500 3600 3800	7/55 4/61 12/62 9/56 - 1/61 - 5/60 8/61 1/60 5/66 5/64 5/64 9/65 11/64 8/68 6/63 2/66	X X X X - X - X - X 3.8 10-16 13.0 20-38 18.0 25.0 52.0 53.0		- - - - 1 - - - - - - - - - - 5 - - -	- - - - - - - - - - - - - - - - - - -	295 20 165 322 - 75 29 610 29 59 429-479 94-121 55-60 205 17 20 40 20	X X X X - X X X X X C C C C C C C C C

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Control Data (cont'd)	6200/6400/6500	8/64	58.0	-	-	117	C
	6600	8/64	115.0	1	-	89	C
	6700	6/67	130.9	-	-	5	C
	7600	12/68	235.0	-	-	12	C
	Cyber 70/72	-	-	3	9	12	-
	Cyber 70/73	-	-	3	5	8	-
	Cyber 70/74	-	-	-	2	2	-
Data General Corp. Southboro, Mass. (A) (Dec. 1973)	Nova	2/69	9.2	(S)	-	-	C
	Supernova	5/70	9.6	(S)	-	-	C
	Nova 1200	12/71	5.4	(S)	-	-	C
	Nova 800	3/71	6.9	(S)	-	-	C
	Nova 820	4/72	6.4	(S)	-	-	C
Nova 1210/1220	2/72	4.2;5.2	(S)	-	-	C	
						Total:	8255
Datacraft Corp. Ft. Lauderdale, Fla. (A) (Sept. 1973)	6024/1	5/69	52-300	(S)	18	0	18
	6024/3	2/70	33-200	(S)	100	26	126
	6024/4	8/73	19.9	(S)	2	0	2
	6024/5	5/72	11-80	(S)	101	2	103
	6024/5R	2/73	30-60	(S)	3	0	3
Datapoint Corp. San Antonio, Texas (A) (June 1973)	Datapoint 2200	2/71	151-292	-	-	-	2000
Digiac Corp. Plainview, N.Y. (A) (Feb. 1973)	Digiac 3060	1/70	9.0	(S)	78	0	78
	Digiac CT-10	-	9.0	-	20	0	20
Digital Computer Controls, Inc. Fairfield, N.J. (A) (Dec. 1973)	D-112	8/70	10.0	(S)	840	184	1024
	D-116	1/72	10.0	(S)	1306	119	1425
Digital Equipment Corp. Maynard, Mass. (A) (Sept. 1973)	PDP-1	11/60	X	-	48	2	50
	PDP-4	8/62	X	-	40	5	45
	PDP-5	9/63	X	-	90	10	100
	PDP-6	10/64	X	-	-	-	23
	PDP-7	11/64	X	-	-	-	100
	PDP-8	4/65	X	-	-	-	1402
	PDP-8/I	3/68	X	-	-	-	3127
	PDP-8/S	9/66	X	-	-	-	918
	PDP-8/L	11/68	X	-	-	-	3699
	PDP-8/E,8/M,8/F	5/72	3.9-4.9	(S)	-	-	9150
	PDP-9	12/66	X	-	-	-	436
	PDP-9L	11/68	X	-	-	-	40
	DECSys-10	12/67	700-3000	(S)	-	-	300
	PDP-11/10,11/20/11R20, 11/40	-	10.8-13.8	(S)	-	-	3280
	PDP-11/05,11/15	-	10.8	(S)	0	0	3170
PDP-11/45	-	-	-	0	0	650	
PDP-12	9/69	-	-	-	-	725	
PDP-15	2/61	17.0	(S)	-	-	625	
LINC-8	9/66	X	-	-	-	200	
Electronic Associates Inc. West Long Branch, N.J. (A) (Sept. 1973)	640	4/67	1.2	-	110	61	171
	8400	7/67	12.0	-	21	8	29
	PACER 100	7/72	1.0	-	50	45	95
General Automation, Inc. Anaheim, Calif. (A) (Sept. 1973)	SPC-12	1/68	-	-	-	-	2000
	SPC-16	5/70	-	-	-	-	1500
System 18/30	7/69	-	-	-	-	400	
General Electric West Lynn, Mass. (Process Control Computers) (A) (June 1973)	GE-PAC 3010	5/70	X	-	25	1	26
	GE-PAC 4010	10/70	6.0	-	30	4	34
	GE-PAC 4020	2/67	X	-	200	60	260
	GE-PAC 4040	8/64	X	-	45	20	65
	GE-PAC 4050	12/66	X	-	23	2	25
GE-PAC 4060	6/65	X	-	18	2	20	
Hewlett Packard Cupertino, Calif. (A) (Oct. 1973)	2114A, 2114B	10/68	X	-	-	-	1210
	2115A	11/67	X	-	-	-	342
	2116A, 2116B, 2116C	11/66	X	-	-	-	1446
	2100A, 2100S 3000	9/71	0.47	-	-	-	3253
Honeywell Information Systems Wellesley Hills, Mass. (R) (Dec. 1973)	G58	5/70	1.0	-	6	1	7
	G105A	6/69	1.3	-	6	-	6
	G105B	6/69	1.4	-	-	-	-
	G105RTS	7/69	1.2	-	-	-	-
	G115	4/66	2.2	-	200-400	420-680	620-1080
	G120	3/69	2.9	-	-	2	-
	G130	12/68	4.5	-	-	-	-
	G205	6/64	X	-	11	0	11
	G210	7/60	X	-	35	0	35
	G215	9/63	X	-	15	1	16
	G225	4/61	X	-	145	15	160
	G235	4/64	X	-	40-60	17	57-77
	G245	11/68	X	-	3	-	-
	G255 T/S	10/67	X	-	15-20	-	-
	G265 T/S	10/65	X	-	45-60	15-30	60-90
	G275 T/S	11/68	X	-	-	-	10
	G405	2/68	6.8	-	10-40	5	15-45
	G410 T/S	11/69	1.0	-	-	-	-
	G415	5/64	7.3	-	70-100	240-400	310-500
	G420 T/S	6/67	23.0	-	-	-	-
	G425	6/64	9.6	-	50-100	20-30	70-130
	G430 T/S	6/69	17.0	-	-	-	-
	G435	9/65	14.0	-	20	6	26
	G440 T/S	7/69	25.0	-	-	-	-
	G615	3/68	32.0	-	-	-	-
	G625	4/65	X	-	23	3	26
	G635	5/65	47.0	-	20-40	3	23-43
	H-110	8/68	2.7	-	180	7	187
	H-115	6/70	3.5	-	30	-	-
	H-120	1/66	4.8	-	800	160	960

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Honeywell (cont'd)	H-125	12/67	7.0	150	220	370	-
	H-200	3/64	7.5	800	275	1075	-
	H-400	12/61	10.5	46	40	86	X
	H-600	12/60	30.0	57	15	72	X
	H-1200	2/66	9.8	230	90	320	-
	H-1250	7/68	12.0	129	55	184	-
	H-1400	1/64	14.0	4	6	10	X
	H-1800	1/64	50.0	15	5	20	X
	H-2015	-	-	4	-	4	-
	H-2020	-	-	1	-	1	-
	H-2040	-	-	6	-	6	-
	H-2050	-	-	1	1	2	-
	H-2060	-	-	2	-	2	-
	H-2200	1/66	18.0	125	60	185	-
	H-3200	2/70	24.0	20	2	22	-
	H-4200	8/68	32.5	18	2	20	-
	H-6030	-	-	-	5	5	-
	H-6040	-	-	-	5	5	-
	H-6050	-	-	2	1	3	-
	H-6060	-	-	2	7	9	-
	H-6080	-	-	-	1	1	-
	H-8200	12/68	50.0	10	3	13	-
	DDP-24	5/63	2.65	-	-	90	X
	DDP-116	4/65	X	-	-	250	X
	DDP-124	3/66	X	-	-	250	X
	DDP-224	3/65	X	-	-	60	X
	DDP-316	6/69	0.6	-	44	452	-
	DDP-416	-	X	-	-	350	X
	DDP-516	9/66	1.2	-	-	900	-
	DDP-716	-	-	2	-	2	-
	H112	10/69	-	-	-	75	-
	H632	12/68	3.2	-	-	12	-
	H1602	-	-	-	-	-	-
	H1642	-	-	-	-	-	-
	H1644	-	-	-	-	-	-
	H1646	-	-	-	-	-	-
	H1648	11/68	12.0	-	-	20	-
	H1648A	-	-	-	-	-	-

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND PEOPLE

The following is a summary made by COMPUTERS AND PEOPLE of reports and estimates of the number of general purpose digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers quarterly for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. A few manufacturers refuse to give out, confirm, or comment on any figures.

Part 1 of the Monthly Computer Census contains reports for United States manufacturers, A to H, and is published in January, April, July, and October. Part 2 contains reports for United States manufacturers, I to Z, and is published in February, May, August, and November. Part 3 contains reports for manufacturers outside of the United States and is published in March, June, September, and December.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND PEOPLE
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND PEOPLE
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time and/or not released by manufacturer

SUMMARY AS OF JANUARY 15, 1974

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part 2. United States Manufacturers I-Z							
IBM	305	12/57	3.6	40	15	55	-
White Plains, N.Y.	650	10/67	4.8	50	18	68	-
(N) (D) (Jan. 1974)	1130	2/66	1.5	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 I, II	9/60	4.1	285	186	471	-
	1800	1/66	5.1	416	148	564	-
	7010	10/63	26.0	67	17	84	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	62	-
	7044	6/63	36.5	28	13	41	-
	705	11/55	38.0	18	3	21	-
	7020, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-
	7080	8/61	60.0	13	2	15	-
	7090	11/59	63.5	4	2	6	-
	7094-I	9/62	75.0	10	4	14	-
	7094-II	4/64	83.0	6	4	10	-
	System/3 Model 6	3/71	1.0	8	-	-	-
	System/3 Model 10	1/70	1.1	8	-	8	-
	System/3 Model 15	-	-	-	-	-	-
	System/7	11/71	0.35 and up	16	-	16	-
	360/20	12/65	2.7	7161	6075	13236	1780
	360/22	9/71	4.6	1000	300	1300	-
	360/25	1/68	5.1	1112	759	1871	1287
	360/30	5/65	10.3	5487	2535	8022	-
	360/40	4/65	19.3	2454	1524	3978	1363
	360/44	7/66	11.8	109	57	166	39
	360/50	8/65	29.1	1136	445	1581	662
	360/65	11/65	57.2	604	144	748	562
	360/67	10/65	133.8	65	6	71	99
	360/75	2/66	66.9	50	17	67	12
	360/85	12/69	150.3	11	1	12	55
	360/90	11/67	-	5	-	-	-
	360/91	-	-	1	-	-	-
	360/190	-	-	13	2	15	-
	360/195	4/71	232.0	-	-	9	48
	370/115	-	-	-	-	-	-
	370/125	4/73	8.2-13.8	1	-	-	-
	370/135	5/72	14.4	13	-	-	-
	370/145	9/71	23.3	2	-	-	-
	370/155	2/71	48.0	4	-	4	-
	370/158	-/73	49.5-85.0	1	-	-	-
	370/165	5/71	98.7	3	-	-	-
	370/168	-/73	93.0-170.0	2	3	5	-
	370/195	6/73	190.0-270.0	-	-	-	-
Interdata	Model 1	12/70	3.7	244	75	319	-
Oceanport, N.J.	Model 3	5/67	13.1	-	-	200	X
(A) (Oct. 1973)	Model 4	8/68	8.5	274	115	389	32
	Model 5	11/70	X	70	20	90	X
	Model 7/16	-/74	-	-	-	-	-
	Model 7/32	-/74	-	-	-	-	-
	Model 15	1/69	20.0	40	24	64	X
	Model 16	5/71	X	1	6	7	X
	Model 18	6/71	X	2	7	9	X
	Model 50/55	5/72	-	75	10	85	115
	Model 70	10/71	-	466	116	582	107
	Model 74	2/73	-	41	8	49	126
	Model 80	10/72	-	15	3	18	30
	Model 85	6/73	-	1	-	-	-

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND PEOPLE

The following is a summary made by COMPUTERS AND PEOPLE of reports and estimates of the number of general purpose digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers quarterly for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. A few manufacturers refuse to give out, confirm, or comment on any figures.

Part 1 of the Monthly Computer Census contains reports for United States manufacturers, A to H, and is published in January, April, July, and October. Part 2 contains reports for United States manufacturers, I to Z, and is published in February, May, August, and November. Part 3 contains reports for manufacturers outside of the United States and is published in March, June, September, and December.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND PEOPLE
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND PEOPLE
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time and/or not released by manufacturer

SUMMARY AS OF FEBRUARY 15, 1974

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Part 3. Manufacturers Outside United States								
A/S Norsk Data Elektronikk Oslo, Norway (A) (Jan. 1974)	NORD-1 NORD-2B NORD-5 NORD-10 NORD-20	8/68 8/69 2/72 5/73 1/72	2.0 4.0 (S) - 2.0 3.5 (S)	0 0 0 0 0	135 20 1 17 36	135 20 1 17 36	24 X 1 38 8	
A/S Regnecentralen Copenhagen, Denmark (A) (Aug. 1973)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	57 23	57 23	0 3	
Elbit Computers Ltd. Haifa, Israel (R) (Nov. 1973)	Elbit-100	10/67	4.9 (S)	-	-	325	10	
GEC Computers Ltd. Borehamwood, Hertfordshire England (R) (Nov. 1973)	902 903, 920B GEC 905 GEC 920M GEC 920C Myriad I Myriad II GEC M2140 GEC 2050	5/68 12/65 5/69 7/67 7/68 1/66 11/67 10/69 6/72	- - - - - - - - -	0 1 0 0 0 0 0 9 0	17 464 77 130 19 47 32 21 5	17 465 77 130 19 47 32 30 5	0 19 X 103 0 0 0 0 32	
Hitachi, Ltd. Tokyo, Japan (A) (Jan. 1974)	301 101 102 103 201 3010 5020 4010 8400 8200 8300 8100 8500 8210 8350 8700 8450 8150 8800 8250	5/59 9/60 8/59 12/61 4/62 11/62 3/65 5/65 2/67 2/67 4/67 5/67 8/68 12/68 2/71 3/72 6/72 11/72 12/72 4/73	X X X X X X X X 10.0-50.0 3.3-8.3 8.3-15.3 1.3-4.0 16.7-66.7 2.6-10.0 11.7-40.0 60.0-167.0 23.3-66.7 1.7-5.0 13.0 and up 5.0-13.0	- -	- -	- -	X X X X X X X X - - - - - - - - - - - - -	
International Computers, Ltd. (ICL) London, England (R) (Sept. 1972)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2200 100 200	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2202 100 200	X X X X X X X X X X X X X X X X X X X -	
Japanese Mfrs.	(Other manufacturers of various models include: Fujitsu, Ltd.; Matsushita Electric Co. of America; Mitsubishi Electric Corp.; Nippon Electric Co., Ltd.; Oki Electric Industry Co.; Tokyo Shibaura Electric Co., Ltd.; Toshiba.)						12,980	800E
Philips Electrológica BV Apeldoorn, Netherlands (A) (June 1973)	P1000 P9200 P9200 t.s.	8/68 3/68 3/70	7.2-35.8 - -	- - -	- - -	128 298 5	50 2 1	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Philips Electrologica BV (cont.)	P880	9/70	-	-	-	52	8
	P850/55/60 (OEM)	9/70	-	-	-	200	500
	ELX	5/58	6-21	-	-	27	-
	PR 8000	1/66	-	-	-	23	-
Philips' Telecommunicatie Industrie BV Hilversum, Netherlands (A) (Jan. 1974)	DS 714	-/67	-	13	34	47	10
	DS 18	9/72	-	0	9	9	4
Redifon Electronic Systems, Ltd. Crawley, Sussex, England (A) (Aug. 1973)	R2000	7/70	-	1	26	27	2
	R2000A	6/73	-	-	2	2	12
Saab-Scania Aktiefbolag Linkoping, Sweden (A) (Dec. 1973)	D21	12/62	7.0	0	25	25	-
	D22	11/68	15.0	0	39	39	2
	D220	4/69	10.0	0	15	15	0
	D23	-/73	25.0	0	0	0	7
	D5/30	12/71	1.0	0	23	23	12
Selenia S.p.A. Roma, Italy (A) (Oct. 1973)	D5/20	5/71	0.6	18	312	330	2360
	GP-16	7/69	10.9	(S) 0	-	230	265
	GP-160	-	5.6	(S) -	-	-	23
Siemens Munich, Germany (A) (Jan. 1974)	300 Series	4/65-4/72	0.9-7.9	-	-	680	160
	2002	6/59	16.4	-	-	41	X
	3003	12/63	15.8	-	-	29	X
	4004/15/16	10/65	6.1	-	-	83	1
	4004/25/26	1/66	10.0	1	-	96	4
	4004/35	2/67	14.2	-	-	212	7
	4004/127	4/73	14.0	-	-	57	42
	4004/135	10/71	20.5	-	-	164	25
	4004/45	7/66	27.3	-	-	334	20
	4004/46	4/69	41.0	-	-	10	X
	4004/55/60	7/66	35.0	-	-	23	X
	4004/150	2/72	49.0	-	-	139	33
	4004/151	3/72	61.0	-	-	29	17
	4004/220	1/75	-	-	-	-	51
	4004/230	1/75	-	-	-	-	41
	404/2	11/73	3.0	-	-	-	71
404/3	4/71	2.1	-	-	101	35	
404/6	10/71	4.5	-	-	105	16	
Telefunken Computer GmbH Konstanz, Germany (A) (Jan. 1974)	TR 4	10/61	X	-	-	35	X
	TR 440	6/70	60.0	-	-	29	-
USSR (N) (May 1969)	BESM 4	-	-	-	-	C	C
	BESM 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIE	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
URAL 11/14/16 and others	-	-	-	-	-	C	C

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND PEOPLE

The following is a summary made by COMPUTERS AND PEOPLE of reports and estimates of the number of general purpose digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers quarterly for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. A few manufacturers refuse to give out, confirm, or comment on any figures.

Part 1 of the Monthly Computer Census contains reports for United States manufacturers, A to H, and is published in January, April, July, and October. Part 2 contains reports for United States manufacturers, I to Z, and is published in February, May, August, and November. Part 3 contains reports for manufacturers outside of the United States and is published in March, June, September, and December.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND PEOPLE
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND PEOPLE
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time and/or not released by manufacturer

SUMMARY AS OF MARCH 15, 1974

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Part 1, United States Manufacturers A-H								
Adage, Inc. Boston, Mass. (A) (Feb. 1974)	AGT 10 Series AGT 100 Series Adage 300 Adage 400	4/68 1/72 3/74 3/74	X 100-300 100-300 30-50	(S) (S) (S) (S)	32 16 0 0	3 12 0 0	35 28 0 0	X 2 3 2
Autonetics Anaheim, Calif. (R) (Jan. 1969)	RECOMP II RECOMP III	11/58 6/61	X X		30 6	0 0	30 6	X X
Bailey Meter Co. Wickliffe, Ohio (R) (Aug. 1972)	Metrotype Bailey 750 Bailey 755 Bailey 756 Bailey 855/15 Bailey 855/25 Bailey 855/50	10/57 6/60 11/61 2/65 12/72 4/68 3/72	40-200 40-250 200-600 60-400 50-400 100-1000 100-1000	(S) (S) (S) (S) (S) (S) (S)	8 37 7 17 2 16 12	0 15 0 12 1 0 0	8 52 7 29 3 16 12	- - - - - - 2
Bunker-Ramo Corp. Westlake Village, Calif. (A) (June 1973)	BR-130 BR-133 BR-230 BR-300 BR-330 BR-340 BR-1018 BR-1018C	10/61 5/64 8/63 3/59 12/60 12/63 6/71 9/72	X X X X X X 23.0 -		160 79 15 18 19 19 -	- - - - - - - -	- - - X - - - -	X X X X X X - -
Burroughs Detroit, Mich. (N) (R) (Mar. 1974)	B100/500 B200 B205/220 B300 Series B700 Series B1700 Series B2500 B2700 B3500 B3700 B4500/4700 B5500 B5700 B6500/6700 B7500 B7700 B8500	7/65 11/61 1/54;10/58 7/65 3/73 8/72 2/67 8/72 5/67 11/72 10/71 3/63 12/70 2/68;8/72 4/69 2/72 8/67	2.8-10.0 5.0 X 7.0 1.0-2.3 2-10 4-10 4.5-10.0 5.3-15.0 12.5-30.0 14.0-90.0 23.5-34.0 12-32 18-30 44.0 50-150 200.0		1141 - 42 - 32 78 277 33 569 17 78 152 27 51 - 1 1	677 - 4 - 13 26 123 16 300 6 26 47 8 25 - - -	1818 500 46 - 43 104 400 49 869 23 104 199 35 76 - 1 1	- - X - - - - - - - - - - - - 13 4 -
Computer Automation, Inc. Newport, Calif. (R) (April 1971)	108/208/808 116/216/816	6/68 3/69	5.0 8.0	(S) (S)	165 215	10 20	175 235	110 225
Consultronics, Inc. Dallas, Texas (A) (April 1973)	DCT-132	5/69	0.7		75	65	135	-
Control Data Corp. Minneapolis, Minn. (R) (Mar. 1974)	G15,G20 LGP-21,LGP-30 M1000 RPC4000 636/136/046 Series 160/8090 Series 921/924-A 1604/A/B 1700 Series 3100/3150/3170 3200 3300 3400 3500 3600 3800 6200/6400/6500 6600 6700 7600	7/55;4/61 12/62;9/56 - 1/61 - 5/60 8/61 1/60 5/66 5/64-10/70 5/64 9/65 11/64 8/68 6/63 1/66 8/64 8/64 6/67 12/68	X X - X - X X X X 3.8-4.0 3-18 13.0 20-38 18.0 12-30 52.0 53.0 41-66 115.0 130.9 235.0		- 1 - - - - - - - 100 51 106 6 5 23 17 77 56 3 8	- - - - - - - - - 58 42 100 11 15 17 3 63 33 2 4	315 487 - 75 29 610 29 59 479 158 93 206 17 20 40 20 140 89 5 12	X X - X X X X X X - - - - - - - - - - - -

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$ (000))	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Control Data (cont.)	Cyber 70/72	11/71	28-47	6	15	21	-
	Cyber 70/73	3/72	34-49	6	11	17	-
	Cyber 70/74	12/71	41-100	2	3	5	-
	Cyber 70/76	12/71	82-150	2	3	5	-
	Cyber 1000	1/73	250-1,200	(S)	-	-	-
Data General Corp. Southboro, Mass. (A) (Feb. 1974)	Nova	2/69	9.2	(S)	-	C	-
	Supernova	5/70	9.6	(S)	-	C	-
	Nova 1200	12/71	5.4	(S)	-	C	-
	Nova 800	3/71	6.9	(S)	-	C	-
	Nova 820	4/72	6.4	(S)	-	C	-
	Nova 1210/1220	2/72	4.2;5.2	(S)	-	C	-
				Total:			9205
Datacraft Corp. Ft. Lauderdale, Fla. (A) (Feb. 1974)	6024/1	5/69	52-300	(S)	18	0	18
	6024/3	2/70	33-200	(S)	119	26	145
	6024/4	8/73	19.9	(S)	11	3	14
	6024/5	5/72	11-80	(S)	115	2	117
	6024/5R	2/73	30-60	(S)	3	0	3
Datapoint Corp. San Antonio, Texas (A) (Feb. 1974)	Datapoint 2200	2/71	151-292	-	-	4000	-
Digiac Corp. Smithtown, N.Y. (A) (Feb. 1974)	Digiac 3060	1/70	9.0	(S)	80	0	80
	Digiac CT-10	-	9.0	(S)	21	0	21
	Digiac 3090	2/74	4.6	(S)	4	0	4
Digital Computer Controls, Inc. Fairfield, N.J. (A) (Feb. 1974)	D-112	8/70	0.12	-	840	184	1024
	D-116	1/72	0.1	-	1306	119	1425
Digital Equipment Corp. Maynard, Mass. (A) (Sept. 1973)	PDP-1	11/60	X	-	48	2	50
	PDP-4	8/62	X	-	40	5	45
	PDP-5	9/63	X	-	90	10	100
	PDP-6	10/64	X	-	-	-	23
	PDP-7	11/64	X	-	-	-	100
	PDP-8	4/65	X	-	-	-	1402
	PDP-8/I	3/68	X	-	-	-	3127
	PDP-8/S	9/66	X	-	-	-	918
	PDP-8/L	11/68	X	-	-	-	3699
	PDP-8/E,8/M,8/F	5/72	3.9-4.9	(S)	-	-	9150
	PDP-9	12/66	X	-	-	-	436
	PDP-9L	11/68	X	-	-	-	40
	DECSystem-10	12/67	700-3000	(S)	-	-	300
	PDP-11/10,11/20/11R20, 11/40	-	10.8-13.8	(S)	-	-	3280
	PDP-11/05,11/15	-	10.8	(S)	0	0	3170
	PDP-11/45	-	-	-	0	0	650
PDP-12	9/69	-	-	-	-	725	
PDP-15	2/61	17.0	(S)	-	-	625	
LINC-8	9/66	X	-	-	-	200	
Electronic Associates Inc. West Long Branch, N.J. (A) (Sept. 1973)	640	4/67	1.2	110	61	171	0
	8400	7/67	12.0	21	8	29	0
	PACER 100	7/72	1.0	50	45	95	25
General Automation, Inc. Anaheim, Calif. (A) (Mar. 1974)	SPC-12	1/68	-	-	-	2750	-
	SPC-16	5/70	-	-	-	3000	-
	System 18/30	7/69	-	-	-	500	-
General Electric (Process Control Computers) see Honeywell							
Hewlett Packard Cupertino, Calif. (A) (Mar. 1974)	2114A, 2114B	10/68	X	-	-	1210	-
	2115A	11/67	X	-	-	342	-
	2116A, 2116B, 2116C	11/66	X	-	-	1446	-
	2100A, 2100S	9/71	-	-	-	6000	-
	3000	11/72	-	-	-	50	-
Honeywell Information Systems Wellesley Hills, Mass. (R) (Mar. 1974)	Series 50: G53,G55	-	-	-	-	-	-
	c58	3/71	0.7-6.0	6	1	7	-
	Series 100: G105	6/69	0.9-1.4	6	-	6	-
	G115	4/66	2.2	400	680	1080	-
	G118/A,/B	-	-	-	-	-	-
	G120	3/69	2.9	-	2	2	-
	G128	-	-	-	-	-	-
	G130	12/68	4.5	-	-	-	-
	G138	-	-	-	-	-	-
	5	4/69	1.5	-	-	-	-
	10	4/66	3.3	-	-	-	-
	15	4/69	6.9	-	-	-	-
	Series 200: 105	4/69	1.7	-	-	-	-
	110	8/68	2.7	180	93	273	-
	115,/2	6/70	3.5	30	-	30	-
	120	1/66	4.8	800	160	960	-
	125	12/67	7.0	150	220	370	-
	200	3/64	7.5	803	275	1078	-
	1015	2/71	8.5	-	-	-	-
	1200	2/66	9.8	230	90	320	-
	1250	7/68	12.0	129	55	184	-
	2015	1/71	13.4	4	-	4	-
	2200	1/66	18.0	125	59	184	-
	3200	2/70	24.0	40	25	65	-
	4200	8/68	32.5	18	2	20	-
	8200	12/68	50.0	12	3	15	-
	Series 2000: 2020	2/73	2.1	49	6	55	-
	2030,/A	1/73	2.1	11	3	14	-
	2040,/A	4/72	3.1	86	23	109	-
	2050,/A	4/72	4.3	50	20	70	-
	2060	4/72	7.0-66.0	25	8	33	-
	2070	5/72	12.0-66.0	20	1	21	-
	2088	4/72	27.0-55.0	2	1	3	-
	Series 6000: 6025	3/71	20.0	-	-	-	-
	6030/6040	7/71	20.0-60.0	1	11	12	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Honeywell (cont.)	6050/6060	7/71	20.0-60.0	6	44	50	-
	6070/6080/6180	7/71	20.0-100.0	2	1	3	-
	G405/410	2/68	5.5-10.0	38	5	43	-
	G415/420	5/64	7.3-23.0	148	300	448	-
	G425/430	6/64	9.6-17.0	93	75	168	-
	G435/440	9/65	14.0-25.0	55	31	86	-
	G615	3/69	32.0	3	11	14	-
	G625	4/65	X	23	3	26	X
	G635	5/65	47.0-100.0	41	3	44	-
	400/600	12/60	X	103	55	138	X
	G205/210/215	9/63-6/64	X	101	26	127	X
	G225-275	4/61-11/68	X	288	62	350	X
	1400/1800	1/64	X	19	11	30	X
	DDP19,21,24	5/61	X	89	14	93	X
	DDP112,116,124	4/65	X	376	124	500	X
	DDP224,290	3/65	X	57	7	64	X
	DDP316	6/69	0.6	408	45	453	-
	DDP324	7/68	4.0	7	0	7	-
	DDP416	6/67	X	182	168	350	X
	DDP516	9/66	1.2	769	131	900	-
	632	12/68	3.2	8	4	12	-
	716	6/72	0.8	3	0	3	-
	1602	-	-	-	-	-	-
	1642	-	-	-	-	-	-
	1644	-	-	-	-	-	-
	1646	-	-	-	-	-	-
	1648,/A	11/68	12.0	-	-	20	-
	GE-PAC 3010	5/70	X	25	1	26	X
	GE-PAC 4010	10/70	6.0	30	4	34	32
	GE-PAC 4020	2/67	X	200	60	260	X
	GE-PAC 4040	8/64	X	45	20	65	X
	GE-PAC 4050	12/66	X	23	2	25	X
	GE-PAC 4060	6/65	X	18	2	20	X

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND PEOPLE

The following is a summary made by COMPUTERS AND PEOPLE of reports and estimates of the number of general purpose digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers quarterly for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. A few manufacturers refuse to give out, confirm, or comment on any figures.

Part 1 of the Monthly Computer Census contains reports for United States manufacturers, A to H, and is published in January, April, July, and October. Part 2 contains reports for United States manufacturers, I to Z, and is published in February, May, August, and November. Part 3 contains reports for manufacturers outside of the United States and is published in March, June, September, and December.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND PEOPLE
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND PEOPLE
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time and/or not released by manufacturer

SUMMARY AS OF APRIL 15, 1974

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part 2. United States Manufacturers I-Z							
IBM	305	12/57	3.6	40	15	55	-
White Plains, N.Y.	650	10/67	4.8	50	18	68	-
(N) (D) (April 1974)	1130	2/66	1.5	2580	1227	3807	-
	1401	9/60	5.4	2210	1836	4046	-
	1401-G	5/64	2.3	420	450	870	-
	1401-H	6/67	1.3	180	140	320	-
	1410	11/61	17.0	156	116	272	-
	1440	4/63	4.1	1690	1174	2864	-
	1460	10/63	10.0	194	63	257	-
	1620 I, II	9/60	4.1	285	186	471	-
	1800	1/66	5.1	416	148	564	-
	7010	10/63	26.0	67	17	84	-
	7030	5/61	160.0	4	1	5	-
	704	12/55	32.0	12	1	13	-
	7040	6/63	25.0	35	27	62	-
	7044	6/63	36.5	28	13	41	-
	705	11/55	38.0	18	3	21	-
	7020, 2	3/60	27.0	10	3	13	-
	7074	3/60	35.0	44	26	70	-
	7080	8/61	60.0	13	2	15	-
	7090	11/59	63.5	4	2	6	-
	7094-I	9/62	75.0	10	4	14	-
	7094-II	4/64	83.0	6	4	10	-
	System/3 Model 6	3/71	1.0	8	-	8	-
	System/3 Model 10	1/70	1.1	10	-	10	-
	System/3 Model 15	-	-	1	-	1	-
	System/7	11/71	0.35 and up	19	-	19	-
	360/20	12/65	2.7	7161	6075	13236	1780
	360/22	9/71	4.6	1000	300	1300	-
	360/25	1/68	5.1	1112	759	1871	1287
	360/30	5/65	10.3	5487	2535	8022	-
	360/40	4/65	19.3	2454	1524	3978	1363
	360/44	7/66	11.8	109	57	166	39
	360/50	8/65	29.1	1137	445	1582	662
	360/65	11/65	57.2	604	144	748	562
	360/67	10/65	133.8	65	6	71	99
	360/75	2/66	66.9	50	17	67	12
	360/85	12/69	150.3	11	1	12	55
	360/90	11/67	-	5	-	5	-
	360/91	-	-	1	-	1	-
	360/190	-	-	13	2	15	-
	360/195	4/71	232.0	-	-	9	48
	370/115	-	-	-	-	-	-
	370/125	4/73	8.2-13.8	1	-	1	-
	370/135	5/72	14.4	14	-	14	-
	370/145	9/71	23.3	4	-	4	-
	370/155	2/71	48.0	4	-	4	-
	370/158	-/73	49.5-85.0	3	-	3	-
	370/165	5/71	98.7	3	-	3	-
	370/168	-/73	93.0-170.0	2	3	5	-
	370/195	6/73	190.0-270.0	-	-	-	-
Interdata	Model 1	12/70	3.7	244	75	319	-
Oceanport, N.J.	Model 3	5/67	13.1	-	-	200	X
(A) (Oct. 1973)	Model 4	8/68	8.5	274	115	389	32
	Model 5	11/70	X	70	20	90	X
	Model 7/16	-/74	-	-	-	-	-
	Model 7/32	-/74	-	-	-	-	-
	Model 15	1/69	20.0	40	24	64	X
	Model 16	5/71	X	1	6	7	X
	Model 18	6/71	X	2	7	9	X
	Model 50/55	5/72	-	75	10	85	115
	Model 70	10/71	-	466	116	582	107
	Model 74	2/73	-	41	8	49	126
	Model 80	10/72	-	15	3	18	20
	Model 85	6/73	-	1	-	1	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIPST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS	
				In U.S.A.	Outside U.S.A.	In World		
Microdata Corp. Irvine, Calif. (A) (March 1974)	Micro 400/10	12/70	0.1-0.5	141	0	141	-	
	Micro 800	12/68	0.2-3.0	2712	1100	3812	-	
	Micro 1600	12/71	0.2-3.0	1593	300	1893	-	
	Microdata 32/S Reality	2/74 11/73	- -	1 11	0 0	1 11	- -	
Modular Computer Systems Ft. Lauderdale, Fla. (A) (March 1974)	MODCOMP I	8/71	2-25	(S) -	-	413	-	
	MODCOMP II	11/72	4-150	(S) -	-	230	-	
	MODCOMP II CP	6/73	4-150	(S) -	-	10	-	
	MODCOMP III MODCOMP IV	12/70 5/74	X 15-500	- (S) -	- -	77 -	X -	
NCR Dayton, Ohio (R) (April 1974)	304	1/60	X	5	0	5	X	
	310	5/61	X	8	0	8	X	
	315	5/62	7.0	255	200	455	-	
	315 RMC	9/65	9.0	55	35	90	-	
	390	5/61	0.7	100	500	600	-	
	500	10/65	1.0	1100	1200	2300	-	
	Century 50	2/71	1.6	650	0	650	-	
	Century 100	9/68	2.6	850	850	1700	-	
	Century 101	12/72	3.7	350	50	400	-	
	Century 200	6/69	7.0	600	400	1000	-	
	Century 251	1/73	20.5	5	5	10	-	
	Century 300	2/72	21.0	15	15	30	-	
	Philco Willow Grove, Pa. (N) (Jan. 1969)	1000	6/63	X	16	-	-	X
200-210, 211		10/58	X	16	-	-	X	
2000-212		1/63	X	12	-	-	X	
Raytheon Data Systems Co. Norwood, Mass. (A) (April 1974)	250	12/60	X	115	20	135	X	
	440	3/64	X	20	-	-	X	
	520	10/65	X	26	1	27	X	
	703	10/67	12.5	(S) 179	33	212	-	
	704	3/70	7.2	(S) 500	150	650	150	
706	5/69	19.0	(S) 75	17	92	-		
Singer, Bus. Machines Div. San Leandro, Calif. (A) (March 1974)	System Ten*	9/70	0.3 and up	1172	560	1732	-	
Standard Computer Corp. Los Angeles, Calif. (R) (March 1974)	IC 4000	12/68	9.0	9	0	9	2	
	IC 6000-6000/E	5/67	16.0	3	0	3	-	
	IC 7000	8/70	17.0	4	0	4	1	
	IC-9000	5/71	400.0	(S) 1	0	1	-	
Systems Engineering Laboratories Ft. Lauderdale, Fla. (A) (March 1974)	SYSTEMS 810A/810B	6-66/9-68	1.8/2.6	394	34	428	-	
	SYSTEMS 71/72	8-72/9-71	0.9/1.0	24	8	32	-	
	SYSTEMS 85/86	7-72/6-70	6.0/10.0	66	8	74	-	
Texas Instruments Inc. Houston, Tex. (A) (June 1973)	960	6/70	X	-	-	-	X	
	960A	11/71	0.2-2.7	-	-	-	-	
	980	5/68	X	-	-	-	X	
	980A	8/72	0.3-2.7	-	-	-	-	
UNIVAC Div. of Sperry Rand Blue Bell, Pa. (A) (Aug. 1973)	9200	6/67	1.5	1360	616	1976	-	
	9300/9380	9/67	3.4	795	675	1470	-	
	9400/9480	5/69	7.0	212	228	440	-	
	9700	-	-	3	11	14	-	
	418 III	6/63	11.0	40	77	117	-	
	494	-	-	62	46	108	-	
	1106	-	-	61	143	204	-	
	1108	9/65	68.0	163	92	255	-	
	1110	-	-	11	17	28	-	
	I & II	3/51 & 11/57	X	23	-	-	X	
	File Computers	8/56	X	13	-	-	X	
	LARC	5/60	135.0	2	0	2	-	
	1107, U111, 490/1/2, 418II, 1004/5, 1050, SS80/90	-	X	2063	1442	3505	X	
	UNIVAC - Series 70 Blue Bell, Pa. (R) (April 1974)	301	2/61	7.0	143	-	-	-
		501	6/59	14.0-18.0	17	-	-	-
		601	11/62	14.0-35.0	0	-	-	-
		3301	7/64	17.0-35.0	74	-	-	-
Spectra 70/15, 25		9/65	4.3	18	-	-	-	
Spectra 70/35		1/67	9.2	95	-	-	-	
Spectra 70/45		11/65	22.5	265	-	-	-	
Spectra 70/46		11/68	33.5	30	-	-	-	
Spectra 70/55		11/66	34.0	10	-	-	-	
Spectra 70/60		11/70	32.0	18	-	-	-	
Spectra 70/61		4/70	42.0	7	-	-	-	
70/2		5/71	16.0	63	-	63	-	
70/3		9/71	25.0	7	-	7	-	
70/6		9/71	25.0	26	-	26	-	
70/7		12/71	35.0	7	-	7	-	
EMR 6020		4/65	5.4	15	2	17	0	
EMR 6040		7/65	6.6	7	1	8	0	
EMR 6050		2/66	9.0	16	3	19	0	
EMR 6070		10/66	15.0	7	8	15	0	
EMR 6130		8/67	5.0	34	21	55	0	
EMR 6135		8/67	2.6	36	8	44	4	
EMR 6140		6/72	-	-	-	-	0	
EMR 6145	6/72	7.2	-	-	-	8		
Varian Data Machines Newport Bench, Calif. (R) (March 1974)	620	11/65	X	-	-	75	X	
	620i	6/67	X	-	-	1300	X	
	R-620i	4/69	-	-	-	80	-	
	520/DC, 520i	12/69;10/68	-	-	-	500	150	
	620/f	11/70	X	-	-	207	X	
	620/L, 620/L-00C	4/71;9/72	-	-	-	740	101	
	620/f-100	6/72	-	-	-	100	43	
	620/L-100	5/72	-	-	-	200	235	
	Varian 73	11/72	-	-	-	40	39	
	Xerox Data Systems El Segundo, Calif. (N) (R) (April 1974)	XDS-92	4/65	1.5	43	4	47	-
XDS-910		8/62	2.0	170	10	180	-	
XDS-920		9/62	2.9	120	12	132	-	

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Xerox (con't)	XDS-930	6/64	3.4	159	14	173	-
	XDS-940	4/66	14.0	33	4	37	-
	XDS-9300	11/64	8.5	25-30	4	29-34	-
	XDS-530	8/73	7.6	8	-	8	-
	Sigma 2	12/66	1.8	163	36	199	-
	Sigma 3	12/69	2.0	21	1	22	-
	Sigma 5	8/67	6.0	32	14	46	-
	Sigma 6	6/70	12.0	4	-	4	-
	Sigma 7	12/66	12.0	31	7	38	-
	Sigma 8	2/72	18.0	5	-	-	-
	Sigma 9	10/71	35.0	9	-	9	-

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND PEOPLE

The following is a summary made by COMPUTERS AND PEOPLE of reports and estimates of the number of general purpose digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers quarterly for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. A few manufacturers refuse to give out, confirm, or comment on any figures.

Part 1 of the Monthly Computer Census contains reports for United States manufacturers, A to H, and is published in January, April, July, and October. Part 2 contains reports for United States manufacturers, I to Z, and is published in February, May, August, and November. Part 3 contains reports for manufacturers outside of the United States and is published in March, June, September, and December.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND PEOPLE
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND PEOPLE
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time and/or not released by manufacturer

SUMMARY AS OF MAY 15, 1974

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL (\$000)		NUMBER OF INSTALLATIONS			NUMBER OF UNFULFILLED ORDERS
					In U.S.A.	Outside U.S.A.	In World	
Part 3. Manufacturers Outside United States								
A/S Norsk Data Elektronik Oslo, Norway (A) (Mar. 1974)	NORD-1 NORD-2B NORD-5 NORD-10 NORD-20	8/68 8/69 2/72 5/73 1/72	2.0 4.0 - 2.0 3.5	(S) - - - (S)	0 0 0 0 0	142 20 1 30 43	142 20 1 30 43	22 X 4 40 8
A/S Regnecentralen Copenhagen, Denmark (A) (Aug. 1973)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	- -	0 0	57 23	57 23	0 3
Elbit Computers Ltd. Haifa, Israel (A) (Nov. 1973)	Elbit-100	10/67	4.9	(S)	-	-	325	10
GEC Computers Ltd. Borehamwood, Hertfordshire England (A) (April 1974)	902 903 920B GEC 905 GEC 920M GEC 920C Myriad I Myriad II GEC M2140 GEC 2050 GEC 4080	5/68 12/65 12/65 5/69 7/67 7/68 1/66 11/67 10/69 6/72 10/73	X X - X - X X X X 10.0 and up(S) 30.0 and up(S)	- - - - - - - - - - -	0 - - 0 0 0 0 9 8 0 0	17 - - 77 130 19 47 32 21 101 11	17 - - 77 130 19 47 32 30 109 11	X X - X 103 X X X X 61 29
Hitachi, Ltd. Tokyo, Japan (A) (April 1974)	301 101 102 103 201 3010 5020 4010 8400 8200 8300 8100 8500 8210 8350 8700 8450 8150 8800 8250	5/59 9/60 8/59 12/61 4/62 11/62 3/65 5/65 2/67 2/67 4/67 5/67 8/68 12/68 2/71 3/72 6/72 11/72 12/72 4/73	X X X X X X X X 10.0-50.0 3.3-8.3 8.3-15.3 1.3-4.0 16.7-66.7 2.6-10.0 11.7-40.0 60.0-167.0 23.3-66.7 1.7-5.0 13.0 and up 5.0-13.0	- - - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - - -	X X X X X X X X - - - - - - - - - - - -
International Computers, Ltd. (ICL) London, England (R) (Sept. 1972)	Atlas 1 & 2 Duce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliot 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 2 0	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2200 100 200	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2202 100 200	X X X X X X X X X X X X X X X X X X X -	
Japanese Mfrs.	(Other manufacturers of various models include: Fujitsu, Ltd.; Matsushita Electric Co. of America; Mitsubishi Electric Corp.; Nippon Electric Co., Ltd.; Oki Electric Industry Co.; Tokyo Shibaura Electric Co., Ltd. (Toshiba).)							

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Philips Electrológica BV Apeldoorn, Netherlands (A) (June 1973)	P1000	8/68	7.2-35.8	-	-	128	50
	P9200	3/68	-	-	-	298	2
	P9200 t.s.	3/70	-	-	-	5	1
	P880	9/70	-	-	-	52	8
	P850/55/60 (OEM)	9/70	-	-	-	200	500
	ELX	5/58	6-21	-	-	27	-
Philips' Telecommunicatie Industrie BV Hilversum, Netherlands (A) (April 1974)	DS 714	-/67	-	13	34	47	10
	DS 18	9/72	-	0	9	9	4
Redifon Electronic Systems, Ltd. Crawley, Sussex, England (A) (Aug. 1973)	R2000	7/70	-	1	26	27	2
	R2000A	6/73	-	-	2	2	12
Saab-Scania Aktiefbolag Linköping, Sweden (A) (May 1974)	D21	12/62	7.0	0	18	18	-
	D22	11/68	15.0	0	37	37	2
	D220	4/69	10.0	0	17	17	0
	D23	-/73	25.0	0	0	0	6
	D5/30	12/71	1.0	0	28	28	33
	D5/20	5/71	0.6	18	685	703	1987
Selenia S.p.A. Roma, Italy (A) (Oct. 1973)	GP-16	7/69	10.9	(S) 0	230	230	265
	GP-160	-	5.6	(S) -	-	-	23
Siemens Munich, Germany (A) (April 1974)	300 Series	4/65-4/72	0.9-7.9	-	-	680	160
	2002	6/59	16.4	-	-	41	X
	3003	12/63	15.8	-	-	29	X
	4004/15/16	10/65	6.1	-	-	80	2
	4004/25/26	1/66	10.0	1	-	98	5
	4004/35	2/67	14.2	-	-	209	5
	4004/127	4/73	14.0	-	-	72	33
	4004/135	10/71	20.5	-	-	173	31
	4004/45	7/66	27.3	-	-	341	39
	4004/46	4/69	41.0	-	-	10	1
	4004/55/60	7/66	35.0	-	-	23	X
	4004/150	2/72	49.0	-	-	160	27
	4004/151	3/72	61.0	-	-	35	21
	4004/220	1/75	-	-	-	-	79
	4004/230	1/75	-	-	-	-	68
	404/2	3/74	3.0	-	-	3	72
	404/3	4/71	2.1	-	-	108	36
404/6	10/71	4.5	-	-	108	15	
Telefunken Computer GmbH Konstanz, Germany (A) (Jan. 1974)	TR 4	10/61	X	-	-	35	X
	TR 440	6/70	60.0	-	-	29	-
USSR (N) (May 1969)	BESY 4	-	-	-	-	C	C
	BESM 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIE	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND PEOPLE

The following is a summary made by COMPUTERS AND PEOPLE of reports and estimates of the number of general purpose digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers quarterly for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. A few manufacturers refuse to give out, confirm, or comment on any figures.

Part 1 of the Monthly Computer Census contains reports for United States manufacturers, A to H, and is published in January, April, July, and October. Part 2 contains reports for United States manufacturers, I to Z, and is published in February, May, August, and November. Part 3 contains reports for manufacturers outside of the United States and is published in March, June, September, and December.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND PEOPLE
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND PEOPLE
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time and/or not released by manufacturer

SUMMARY AS OF JUNE 15, 1974

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part 1. United States Manufacturers A-H							
Adage, Inc.	AGT 10 Series	4/68	X	32	3	35	X
Boston, Mass. (A) (Feb. 1974)	AGT 100 Series	1/72	100-300	(S) 16	12	28	2
	Adage 300	3/74	100-300	(S) 0	0	0	3
	Adage 400	3/74	30-50	(S) 0	0	0	2
Autonetics	RECOMP II	11/58	X	30	0	30	X
Anaheim, Calif. (R) (Jan. 1969)	RECOMP III	6/61	X	6	0	6	X
Bailey Meter Co.	Metrotype	10/57	40-200	(S) 8	0	8	0
Wickliffe, Ohio (R) (Aug. 1972)	Bailey 750	6/60	40-250	(S) 37	15	52	0
	Bailey 755	11/61	200-600	(S) 7	0	7	0
	Bailey 756	2/65	60-400	(S) 17	12	29	-
	Bailey 855/15	12/72	50-400	(S) 2	1	3	-
	Bailey 855/25	4/68	100-1000	(S) 16	0	16	-
	Bailey 855/50	3/72	100-1000	(S) 12	0	12	2
Bunker-Ramo Corp.	BR-130	10/61	X	160	-	-	X
Westlake Village, Calif. (A) (June 1973)	BR-133	5/64	X	79	-	-	X
	BR-230	8/63	X	15	-	-	X
	BR-300	3/59	X	18	-	-	X
	BR-330	12/60	X	19	-	-	X
	BR-340	12/63	X	19	-	-	X
	BR-1018	6/71	23.0	(S) -	-	-	-
	BR-1018C	9/72	-	-	-	-	-
Burroughs	B100/500	7/65	2.8-10.0	1141	677	1818	-
Detroit, Mich. (N) (R) (June 1974)	B200	11/61	5.0	-	-	500	-
	B205/220	1/54,10/58	X	42	4	46	X
	B300 Series	7/65	7.0	-	-	-	-
	B700 Series	3/73	1.0-2.3	33	13	46	-
	B1700 Series	8/72	2-10	81	26	107	-
	B2500	2/67	4-10	277	123	400	-
	B2700	8/72	4.5-10.0	35	16	51	-
	B3500	5/67	5.3-15.0	570	300	870	-
	B3700	11/72	12.5-30.0	17	6	23	-
	B4500/4700	10/71	14.0-90.0	78	26	104	-
	B5500	3/63	23.5-34.0	152	47	199	-
	B5700	12/70	12-32	27	8	35	-
	B6500/6700	2/68,8/72	18-30	55	26	81	-
	B7500	4/69	44.0	-	-	-	13
	B7700	2/72	50-150	1	-	1	4
	B8500	8/67	200.0	1	-	1	-
Computer Automation, Inc.	108/208/808	6/68	5.0	(S) 165	10	175	110
Newport, Calif. (R) (April 1971)	116/216/816	3/69	8.0	(S) 215	20	235	225
Consultronics, Inc.	DCT-132	5/69	0.7	75	65	135	-
Dallas, Texas (A) (May 1974)							
Control Data Corp.	G15,G20	7/55;4/61	X	-	-	315	X
Minneapolis, Minn. (R) (June 1974)	LGP-21,LGP-30	9/56;12/62	X	-	-	487	X
	M1000	-	-	1	-	-	-
	RPC4000	1/61	X	-	-	75	X
	636/136/046 Series	-	-	-	-	29	X
	160/8090 Series	5/60	X	-	-	610	X
	921/924-A	8/61	X	-	-	29	X
	1604/A/B	1/60	X	-	-	59	X
	1700 Series	5/66	3.8-4.0	-	-	479	-
	3100/3150/3170	5/64-10/70	3-18	100	57	157	-
	3200	5/64	13.0	1	2	93	-
	3300	9/65	20-38	106	100	206	-
	3400	11/64	18.0	6	11	17	-
	3500	8/68	12-30	5	15	20	-
	3600	6/63	52.0	23	17	40	-
	3800	1/66	53.0	17	3	20	-
	6200/6400/6500	8/64	41-66	77	63	140	-
	6600	8/64	115.0	56	33	89	-
	6700	6/67	130.9	3	2	5	-
	7600	12/68	235.0	8	4	12	-

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS		NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	
Control Data (cont.)	Cyber 70/72	11/71	28-47	6	17	23
	Cyber 70/73	3/72	34-49	6	11	17
	Cyber 70/74	12/71	41-100	2	3	5
	Cyber 70/76	12/71	82-150	2	3	5
	Cyber 170/172	-	-	-	-	-
	Cyber 170/173	-	-	-	-	-
	Cyber 170/174	-	-	-	-	-
	Cyber 170/175	-	-	-	-	-
	Cyber 1000	1/73	250-1,200	(S)	-	-
Data General Corp. Southboro, Mass. (A) (Mar. 1974)	Nova	2/69	9.2	(S)	-	C
	Supernova	5/70	9.6	(S)	-	C
	Nova 1200	12/71	5.4	(S)	-	C
	Nova 800	3/71	6.9	(S)	-	C
	Nova 820	4/72	6.4	(S)	-	C
	Nova 840	3/73	-	(S)	-	C
	Nova 1210/1220	2/72	4.2;5.2	(S)	-	C
	Nova 2/4, 2/10	6/73	-	(S)	-	C
					Total: 10,196	
Datacraft Corp. Ft. Lauderdale, Fla. (A) (May 1974)	6024/1	5/69	52-300	(S)	18	0
	6024/3	2/70	33-200	(S)	119	26
	6024/4	8/73	19.9	(S)	24	3
	6024/5	5/72	11-80	(S)	143	2
	6024/5R	2/73	30-60	(S)	4	0
Datapoint Corp. San Antonio, Texas (A) (Feb. 1974)	Datapoint 2200	2/71	151-292	-	-	4000
Digiac Corp. Smithtown, N.Y. (A) (Feb. 1974)	Digiac 3060	1/70	9.0	(S)	80	0
	Digiac GT-10	-	9.0	(S)	21	0
	Digiac 3090	2/74	4.6	(S)	4	0
Digital Computer Controls, Inc. Fairfield, N.J. (A) (May 1974)	D-112	8/70	0.12	-	742	82
	D-116	1/72	0.10	-	1896	210
Digital Equipment Corp. Maynard, Mass. (A) (Sept. 1973)	PDP-1	11/60	X	-	48	2
	PDP-4	8/62	X	-	40	5
	PDP-5	9/63	X	-	90	10
	PDP-6	10/64	X	-	-	-
	PDP-7	11/64	X	-	-	-
	PDP-8	4/65	X	-	-	-
	PDP-8/I	3/68	X	-	-	-
	PDP-8/S	9/66	X	-	-	-
	PDP-8/L	11/68	X	-	-	-
	PDP-6/E,8/M,8/F	5/72	3.9-4.9	(S)	-	-
	PDP-9	12/66	X	-	-	-
	PDP-9L	11/68	X	-	-	-
	DECSystem-10	12/67	700-3000	(S)	-	-
	PDP-11/10,11/20/11R20, 11/40	-	10.8-13.8	(S)	-	-
	PDP-11/05,11/15	-	10.8	(S)	0	0
	PDP-11/45	-	-	-	0	0
	PDP-12	9/69	-	-	-	-
PDP-15	2/61	17.0	(S)	-	-	
LINC-8	9/66	X	-	-	-	
Electronic Associates Inc. West Long Branch, N.J. (A) (Sept. 1973)	640	4/67	1.2	-	110	61
	8400	7/67	12.0	-	21	8
	PACER 100	7/72	1.0	-	50	45
General Automation, Inc. Anaheim, Calif. (A) (June 1974)	SPC-12	1/68	-	-	-	-
	SPC-16	5/70	-	-	-	-
	System 18/30	7/69	-	-	-	-
General Electric (Process Control Computers) see Honeywell						
Hewlett Packard Cupertino, Calif. (A) (May 1974)	2114A, 2114B	10/68	X	-	-	1210
	2115A	11/67	X	-	-	342
	2116A, 2116B, 2116C	11/66	X	-	-	1446
	2100A, 2100S	9/71	-	-	-	6000
	21 M/10, M/20	7/74	-	-	-	-
	3000	11/72	-	-	-	50
Honeywell Information Systems Wellesley Hills, Mass. (R) (May 1974)	Series 50: G53,G55	-	-	-	-	-
	G58	3/71	0.7-6.0	-	-	3200
	Series 100: G105	6/69	0.9-1.4	6	-	6
	G115	4/66	2.2	400	680	1080
	G118/A,/B	-	-	-	-	-
	G120	3/69	2.9	-	6	6
	G128	-	-	-	-	-
	G130	12/68	4.5	-	-	-
	G138	-	-	-	-	-
	5	4/69	1.5	-	-	-
	10	4/66	3.3	-	-	-
	15	4/69	6.9	-	-	-
	Series 200: 105	4/69	1.7	-	-	-
	110	8/68	2.7	180	93	273
	115,/2	6/70	3.5	30	-	30
	120	1/66	4.8	800	160	960
	125	12/67	7.0	150	220	370
	200	3/64	7.5	803	274	1077
	1015	2/71	8.5	-	-	-
	1200	2/66	9.8	230	90	320
	1250	7/68	12.0	129	55	184
	2015	1/71	13.4	4	-	4
	2200	1/66	18.0	125	59	184
	3200	2/70	24.0	40	25	65
	4200	8/68	32.5	18	2	20
	8200	12/68	50.0	12	3	15
	Series 2000: 2020	2/73	2.1	49	6	55
	2030,/A	1/73	2.1	11	3	14

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$ (000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Honeywell (cont.)	2040, /A	4/72	3.1	86	24	110	-
	2050, /A	4/72	4.3	50	20	70	-
	2060	4/72	7.0-66.0	25	8	33	-
	2070	5/72	12.0-66.0	20	1	21	-
	2088	4/72	27.0-55.0	2	1	3	-
	Series 6000: 6025	3/71	20.0	4	-	1	-
	- 6030/6040	7/71	20.0-60.0	1	11	12	-
	6050/6060	7/71	20.0-60.0	7	44	51	-
	6070/6080/6180	7/71	20.0-100.0	5	1	6	-
	G405/410	2/68	5.5-10.0	38	5	43	-
	G415/420	5/64	7.3-23.0	148	300	448	-
	G425/430	6/64	9.6-17.0	93	75	168	-
	G435/440	9/65	14.0-25.0	55	31	86	-
	G615	3/69	32.0	3	11	14	-
	G625	4/65	X	23	3	26	X
	G635	5/65	47.0-100.0	41	3	44	-
	400/600	12/60	X	103	55	138	X
	G205/210/215	9/63-6/64	X	101	26	127	X
	G225-275	4/61-11/68	X	288	62	350	X
	1400/1800	1/64	X	19	11	30	X
	DDP19, 21, 24	5/61	X	89	14	93	X
	DDP112, 116, 124	4/65	X	376	124	500	X
	DDP224, 290	3/65	X	57	7	64	X
	DDP316	6/69	0.6	408	45	453	-
	DDP324	7/68	4.0	7	0	7	-
	DDP416	6/67	X	182	168	350	X
	DDP516	9/66	1.2	769	131	900	-
	632	12/68	3.2	8	4	12	-
	716	6/72	0.8	3	0	3	-
	1602	-	-	-	-	-	-
	1642	-	-	-	-	-	-
	1644	-	-	-	-	-	-
	1646	-	-	-	-	-	-
	1648, /A	11/68	12.0	-	-	20	-
	GE-PAC 3010	5/70	X	25	1	26	X
	GE-PAC 4010	10/70	6.0	30	4	20	X
	GE-PAC 4020	2/67	X	200	60	260	X
	GE-PAC 4040	8/64	X	45	20	65	X
	GE-PAC 4050	12/66	X	23	2	25	X
	GE-PAC 4060	6/65	X	18	2	20	X

MONTHLY COMPUTER CENSUS

Neil Macdonald
Survey Editor
COMPUTERS AND PEOPLE

The following is a summary made by COMPUTERS AND PEOPLE of reports and estimates of the number of general purpose digital computers manufactured and installed, or to be manufactured and on order. These figures are mailed to individual computer manufacturers quarterly for their information and review, and for any updating or comments they may care to provide. Please note the variation in dates and reliability of the information. A few manufacturers refuse to give out, confirm, or comment on any figures.

Part 1 of the Monthly Computer Census contains reports for United States manufacturers, A to H, and is published in January, April, July, and October. Part 2 contains reports for United States manufacturers, I to Z, and is published in February, May, August, and November. Part 3 contains reports for manufacturers outside of the United States and is published in March, June, September, and December.

Our census seeks to include all digital computers manufactured anywhere. We invite all manufacturers to submit information that would help make these figures as accurate and complete as possible.

The following abbreviations apply:

- (A) -- authoritative figures, derived essentially from information sent by the manufacturer directly to COMPUTERS AND PEOPLE
- C -- figure is combined in a total
- (D) -- acknowledgment is given to DP Focus, Marlboro, Mass., for their help in estimating many of these figures
- E -- figure estimated by COMPUTERS AND PEOPLE
- (N) -- manufacturer refuses to give any figures on number of installations or of orders, and refuses to comment in any way on those numbers stated here
- (R) -- figures derived all or in part from information released indirectly by the manufacturer, or from reports by other sources likely to be informed
- (S) -- sale only, and sale (not rental) price is stated
- X -- no longer in production
- -- information not obtained at press time and/or not released by manufacturer

SUMMARY AS OF AUGUST 15, 1974

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILLED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Part 3. Manufacturers Outside United States							
A/S Norsk Data Elektronikk Oslo, Norway (A) (Mar. 1974)	NORD-1 NORD-2B NORD-5 NORD-10 NORD-20	8/68 8/69 2/72 5/73 1/72	2.0 4.0 (S) - 2.0 3.5 (S)	0 0 0 0 0	142 20 1 30 43	142 20 1 30 43	22 X 4 40 8
A/S Regnecentralen Copenhagen, Denmark (A) (Aug. 1973)	GIER RC 4000	12/60 6/67	2.3-7.5 3.0-20.0	0 0	57 23	57 23	0 3
Elbit Computers Ltd. Haifa, Israel (A) (Nov. 1973)	Elbit-100	10/67	4.9 (S)	-	-	325	10
GEC Computers Ltd. Borehamwood, Hertfordshire England (A) (April 1974)	902 903 920B GEC 905 GEC 920M GEC 920C Myriad I Myriad II GEC M2140 GEC 2050 GEC 4080	5/68 12/65 12/65 5/69 7/67 7/68 1/66 11/67 10/69 6/72 10/73	X X - X - X X X X 10.0 and up(S) 30.0 and up(S)	0 - - 0 0 0 0 0 9 8 0	17 - - 77 130 19 47 32 21 101 11	17 - - 77 130 19 47 32 30 109 11	X X - X 103 X X X X 61 29
Hitachi, Ltd. Tokyo, Japan (A) (April 1974)	301 101 102 103 201 3010 5020 4010 8400 8200 8300 8100 8500 8210 8350 8700 8450 8150 8800 8250	5/59 9/60 8/59 12/61 4/62 11/62 3/65 5/65 2/67 2/67 4/67 5/67 8/68 12/68 2/71 3/72 6/72 11/72 12/72 4/73	X X X X X X X X 10.0-50.0 3.3-8.3 8.3-15.3 1.3-4.0 16.7-66.7 2.6-10.0 11.7-40.0 60.0-167.0 23.3-66.7 1.7-5.0 13.0 and up 5.0-13.0	- -	- -	- -	X X X X X X X X - - - - - - - - - - - - -
International Computers, Ltd. (ICL) London, England (R) (Sept. 1972)	Atlas 1 & 2 Deuce KDF 6-10 KDN 2 Leo 1, 2, 3 Mercury Orion 1 & 2 Pegasus Sirius 503 803 A, B, C 1100/1 1200/1/2 1300/1/2 1500 2400 1900-1909 Elliott 4120/4130 System 4-30 to 4-75	1/62 4/55 9/61 4/63 -/53 -/57 1/63 4/55 -/61 -/64 12/60 -/60 -/55 -/62 7/62 12/61 12/64 10/65 10/67	65.0 - 10-36 - 10-24 - 20.0 - - - 5.0 3.9 4.0 6.0 23.0 3-54 2.4-11.4 5.2-54	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 0 0	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2200 100 200	6 2 34 1 43 4 10 9 8 18 107 13 11 82 35 3 2202 100 200	X X X X X X X X X X X X X X X X - X X -
Japanese Mfrs. (except Hitachi, Ltd.)	(Other manufacturers of various models include: Fujitsu, Ltd.; Matsushita Electric Co. of America; Mitsubishi Electric Corp.; Nippon Electric Co., Ltd.; Oki Electric Industry Co.; Tokyo Shibaura Electric Co., Ltd.(Toshiba).)						

12,809

800 E

NAME OF MANUFACTURER	NAME OF COMPUTER	DATE OF FIRST INSTALLATION	AVERAGE OR RANGE OF MONTHLY RENTAL \$(000)	NUMBER OF INSTALLATIONS			NUMBER OF UNFILED ORDERS
				In U.S.A.	Outside U.S.A.	In World	
Philips Electrológica BV Apeldoorn, Netherlands (A) (January 1974)	P1000	8/68	7.2-35.8	-	-	150	43
	P9200	3/68	-	-	-	299	1
	P9200 t.s.	3/70	-	-	-	6	-
	P880	9/70	-	-	-	58	8
	P850/55/60 (OEM)	9/70	-	-	-	298	827
	ELX PR 8000	5/58 1/66	6-21 -	- -	- -	25 23	- -
Philips' Telecommunicatie Industrie BV Hilversum, Netherlands (A) (April 1974)	DS 714	-/67	-	13	34	47	10
	DS 18	9/72	-	0	9	9	4
Redifon Electronic Systems, Ltd. Crawley, Sussex, England (A) (Aug. 1973)	R2000	7/70	-	1	26	27	2
	R2000A	6/73	-	-	2	2	12
Saab-Scania Aktiebolag Linköping, Sweden (A) (May 1974)	D21	12/62	7.0	0	18	18	-
	D22	11/68	15.0	0	37	37	2
	D220	4/69	10.0	0	17	17	0
	D23	-/73	25.0	0	0	0	6
	D5/30	12/71	1.0	0	28	28	33
	D5/20	5/71	0.6	18	685	703	1987
Selenia S.p.A. Roma, Italy (A) (April 1974)	GP-16	7/69	10.9	(S) 0	269	269	53
	GP-160	-	5.6	(S) -	1	1	43
Siemens Munich, Germany (A) (Jan. 1974)	300 Series	4/65-4/72	0.9-7.9	-	-	680	160
	2002	6/59	16.4	-	-	41	X
	3003	12/63	15.8	-	-	29	X
	4004/15/16	10/65	6.1	-	-	83	1
	4004/25/26	1/66	10.0	1	-	96	4
	4004/35	2/67	14.2	-	-	212	7
	4004/127	4/73	14.0	-	-	57	42
	4004/135	10/71	20.5	-	-	164	25
	4004/45	7/66	27.3	-	-	334	20
	4004/46	4/69	41.0	-	-	10	X
	4004/55/60	7/66	35.0	-	-	23	X
	4004/150	2/72	49.0	-	-	139	33
	4004/151	3/72	61.0	-	-	29	17
	4004/220	1/75	-	-	-	-	51
	4004/230	1/75	-	-	-	-	41
	404/2	11/73	3.0	-	-	-	71
404/3	4/71	2.1	-	-	101	35	
404/6	10/71	4.5	-	-	105	16	
Telefunken Computer GmbH Konstanz, Germany (A) (Jan. 1974)	TR 4	10/61	X	-	-	35	X
	TR 440	6/70	60.0	-	-	29	-
USSR (N) (May 1969)	BESH 4	-	-	-	-	C	C
	BESH 6	-	-	-	-	C	C
	MINSK 2	-	-	-	-	C	C
	MINSK 22	-	-	-	-	C	C
	MIE	-	-	-	-	C	C
	NAIR 1	-	-	-	-	C	C
	ONEGA 1	-	-	-	-	C	C
	URAL 11/14/16 and others	-	-	-	-	C	C

ANNOUNCEMENT

THE COMPUTER CENSUS

which *Computers and People* has published in the past will now be published separately and more completely as a quarterly service, regular subscription price \$33.00 per year. Until December 10, 1974, any subscriber to *Computers and People* may subscribe at half price. Outside U.S., Canada, and Mexico, please add \$5.00 per year for additional costs.