Table 1. Number and percent of instrument systems, by system price range, field of science and engineering and major type of instrument: 1993

System price range and field of science and engineering	Major type of instrument											
	All instruments		Computers and data handling instruments		Chromatographs and spectrometers		Microscopy instruments		Bioanalytical instruments		Other instruments	
	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
Total, all systems	61,684	100%	12,023	100%	13,789	100%	5,597	100%	10,205	100%	20,071	100%
Engineering	18,051	29	4,137	34	2,723	20	801	14	273	3	10,117	50
Chemistry	6,787	11	817	7	4,003	29	180	3	32	*	1,755	9
Physics/astronomy	6,415	10	1,443	12	1,159	8	212	4	303	3	3,299	16
Environmental sciences	5,126	8	1,455	12	1,740	13	554	10	142	1	1,234	6
Computer science	2,110	3	1,812	15	0	0	0	0	0	0	298	1
Academic departments	1,426	2	1,174	10	0	0	0	0	0	0	252	1
Computer facilities	684	1	638	5	0	0	0	0	0	0	46	*
Agricultural sciences	615	1	67	1	227	2	27	*	172	2	122	1
Biological sciences	20,978	34	2,126	18	3,797	28	3,611	65	9,217	90	2,227	11
Other, multidisciplinary	1,603	3	167	1	140	1	211	4	66	1	1,019	5
Total, systems costing $20,000-$999,999	61,348	100	11,892	100	13,730	100	5,579	100	10,205	100	19,943	100
Engineering	17,996	29	4,135	35	2,696	20	800	14	273	3	10,091	51
Chemistry	6,771	11	815	7	3,999	29	180	3	32	*	1,744	9
Physics/astronomy	6,316	10	1,443	12	1,152	8	195	3	303	3	3,224	16
Environmental sciences	5,101	8	1,449	12	1,737	13	554	10	142	1	1,218	6
Computer science	1,992	3	1,694	14	0	0	0	0	0	0	298	1
Academic departments	1,425	2	1,173	10	0	0	0	0	0	0	252	1
Computer facilities	567	1	521	4	0	0	0	0	0	0	46	*
Agricultural sciences	615	1	67	1	227	2	27	*	172	2	122	1
Biological sciences	20,955	34	2,122	18	3,778	28	3,611	65	9,217	90	2,227	11
Other, multidisciplinary	1,603	3	167	1	140	1	211	4	66	1	1,019	5
Total, systems costing $1 million or more	337	100	131	100	59	100	19	100	0	0	128	100
Engineering	55	16	2	2	26	44	1	7	0	0	26	20
Chemistry	16	5	1	1	4	6	0	0	0	0	11	8
Physics/astronomy	99	29	0	0	7	11	17	93	0	0	75	59
Environmental sciences	25	7	5	4	3	6	0	0	0	0	16	13
Computer science	118	35	118	90	0	0	0	0	0	0	0	0
Academic departments	1	*	1	1	0	0	0	0	0	0	0	0
Computer facilities	117	35	117	89	0	0	0	0	0	0	0	0
Agricultural sciences	0	0	0	0	0	0	0	0	0	0	0	0
Biological sciences	23	7	3	3	19	33	0	0	0	0	0	0
Other, multidisciplinary	0	0	0	0	0	0	0	0	0	0	0	0

NOTES: This table includes data for supersystems, which are large, integrated instrumentation systems/facilities generally with an aggregate purchase price of $1 million or more.

Because of rounding, details may not add to totals.

KEY: * = less than 0.5 percent

SOURCE: National Science Foundation/SRS, Survey of Academic Research Instruments and Instrumentation Needs: 1993