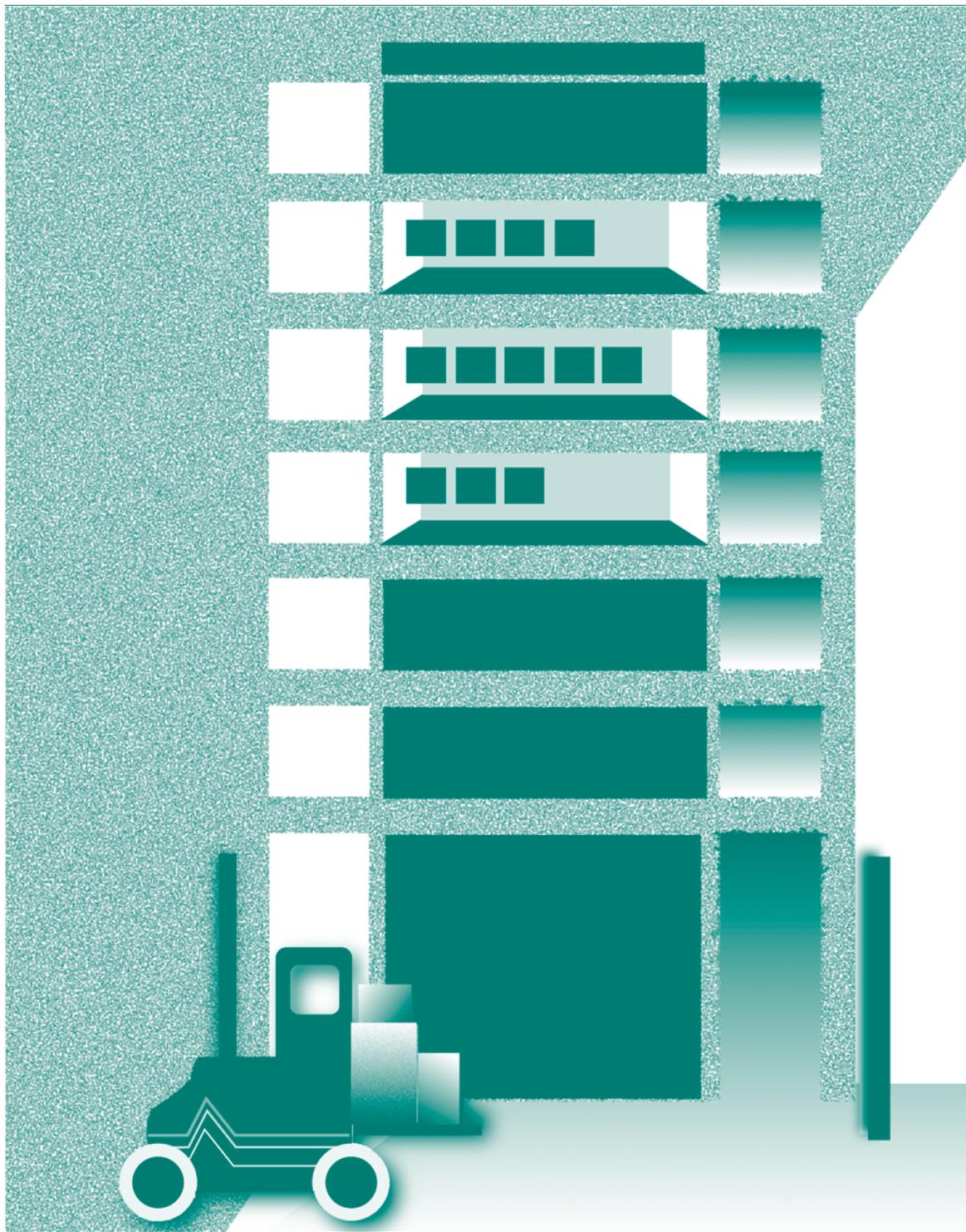


Annual Capital Expenditures

1999

Issued May 2001

ACE/99



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If you have any questions concerning the statistics in this report, call 301-457-3324.

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Introduction

DESCRIPTION OF SURVEY

The Annual Capital Expenditures Survey (ACES) is part of a comprehensive program designed to provide more detailed and timely information on capital investment in structures and equipment by nonfarm businesses. The data are used to improve the quality of current economic indicators of business investments, as well as the quarterly estimates of gross domestic product. The data also provide facts about trends in capital expenditures useful for identifying business opportunities, product development, and business planning.

BACKGROUND

Funding for the survey was first provided by Congress in fiscal year 1991. At that time, the U.S. Census Bureau developed and conducted a feasibility survey to collect 1991 data from a sample of approximately 4,400 nonfarm companies. The purpose was to test the clarity of questions and instructions and determine the ability of companies to report the requested data.

The results of that survey were incorporated into a small test survey to collect 1992 data from a sample of 11,200 nonfarm companies. The purpose here was to further evaluate the survey content, refine the survey forms and instructions, and test the sufficiency of the sample. Selected results of this survey were published in May 1994.

After evaluating the 1992 survey results, it was determined that the annual collection of detailed expenditures on the types of structures and equipment purchased was overly burdensome for respondents. Consequently, a 5-year survey plan was developed beginning with the data collection for the 1993 ACES. The 5-year cycle included conducting annually a basic survey that collects total capital expenditures for new and used structures and equipment from companies with five employees or more and biannually a survey of businesses with fewer than five employees, including those with no employees. Detailed information on types of structures and equipment would be collected once during the 5-year cycle with structures information collected in 1994 and equipment in 1996.

A proposal to further revise this plan was approved by the Office of Management and Budget beginning with the 1996 survey. The new plan included a mail sample of all small businesses annually to provide an improved time series estimate of total and new capital expenditures by all companies. Additionally, detailed information on types

of structures and equipment would be collected in the 1998 survey from companies with employees and every 5 years thereafter or as determined by the 1998 survey results.

The 1999 estimates presented in this report are based on data collected from a sample of 44,108 companies with employees and 15,000 businesses without employees. The sample frame for companies with employees was slightly more than 5.5 million and for companies without employees about 17.1 million. For those companies with employees, capital expenditures data are published for 132 industries. In addition, total capital expenditures, with no industry detail, are shown for the businesses without employees.

COMPOSITION OF INDUSTRY CATEGORY CODES

Beginning with the 1999 ACES, industry categories used in the survey were comprised primarily of three-digit and selected four-digit industries from the *North American Industry Classification System (NAICS): 1997*. Industry combinations were developed through consultation with data users. In addition, a category was provided for structures and equipment expenditures serving multiple industries; for example, headquarters, regional offices, and central research laboratories.

INFORMATION REQUESTED

Two survey forms (ACE-1 and ACE-2) were used for the 1999 ACES. The ACE-1 survey form was mailed to a sample of 44,108 companies with employees. Recipients of these survey forms were requested to provide capital expenditures data for each industry in which they had activity and to classify these expenditures as new and used structures and equipment.

New structures and equipment include expenditures for new buildings and other structures, structures that have been previously owned but neither used or occupied, new machinery and equipment, and other new depreciable assets. Used structures and equipment include expenditures for buildings and other structures which have been previously owned and occupied, secondhand machinery and equipment, and other used depreciable assets.

In addition, these companies were asked to report new structures and equipment acquired under capital lease arrangements entered into during the survey year, and capitalized interest incurred to produce or construct new depreciable assets during the survey year.

The ACE-2 survey form was mailed to a sample of approximately 15,000 businesses without employees. Capital expenditures data were requested separately for new and used structures and equipment. (Examples of ACE-1 and ACE-2 survey forms are in Appendix D.)

SUMMARY OF FINDINGS

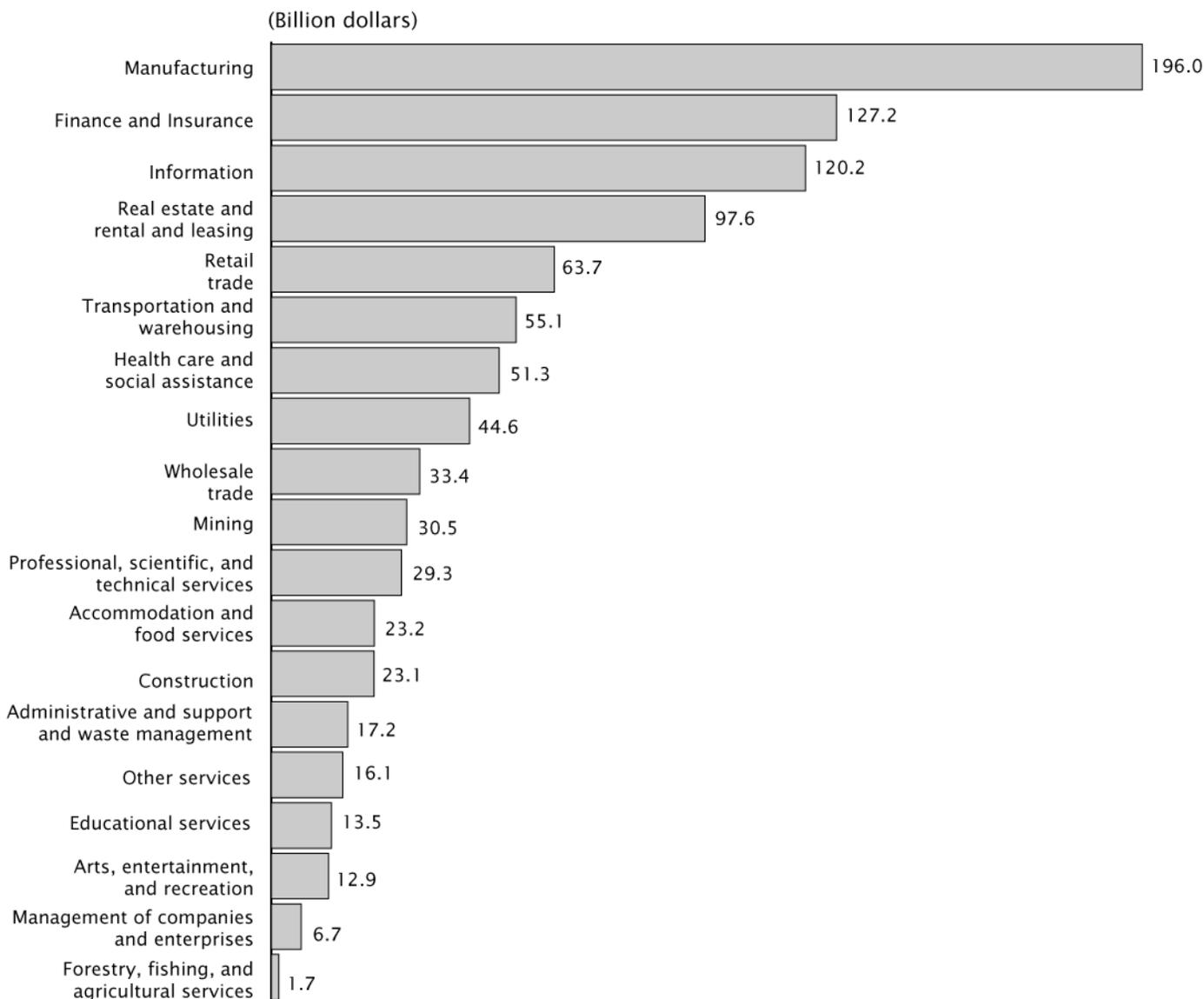
In 1999, U.S. businesses invested \$1.038 trillion in capital goods, both *new and used*, an increase of 6.9 percent from the prior year, compared to the 1998 increase of 11.4 percent and the 1997 increase of 8.0 percent. The 1998 estimate of \$970.9 billion reflects a downward revision of \$2.7 billion. Spending on *new structures and equipment* in 1999 accounted for \$977.3 billion or 94.1

percent of total expenditures. Expenditures for *structures* totaled \$320.8 billion, with \$297.4 billion (92.7 percent) being spent for *new structures*. Spending for *equipment* totaled \$717.3 billion, with \$679.8 billion (94.8 percent) for *new equipment*.

Companies with employees accounted for 93.0 percent of 1999 investment spending at \$965.8 billion. Their investment in *structures* amounted to \$294.6 billion and for *equipment*, \$671.3 billion. Spending by companies without employees in 1999 was \$72.3 billion, about 7 percent of total business investments.

Of the \$965.8 billion spent by companies with employees in 1999, 69.5 percent was for *equipment* and 30.5

Figure 1.
Capital Expenditures by Business Sectors for Companies With Employees: 1999



percent was for *structures*. These proportions varied widely by sector, with manufacturing and finance and insurance spending significantly more on equipment, and educational services spending more on structures.

Highlights of capital expenditures by business sector

[Business sector data are based on the North American Industry Classification System]

Manufacturing. This sector led in expenditures for capital goods by spending \$196.0 billion, or 20.3 percent of total capital expenditures by businesses with employees. Of the total spending by this sector, \$34.0 billion was for structures and \$162.0 billion was for equipment, about a fourth of all investment in equipment.

Investment spending by durable goods manufacturers totaled \$116.2 billion, about the same as 1998. Most of their investment, \$99.1 billion, was for equipment, while expenditures for structures amounted to only \$17.1 billion. Motor vehicle and parts manufacturers were the largest durable goods investors, spending \$24.9 billion.

Nondurable goods manufacturers spent \$79.8 billion on capital goods, a decrease from 1998 of about 7 percent. Basic chemicals accounted for most of this decline. Of this sector's total spending, \$16.9 billion was for structures, and \$62.9 billion was for equipment. Food manufacturing at \$13.7 billion and plastics and rubber products at \$11.3 billion, together accounted for nearly a third of the nondurable capital expenditures.

Table A. **Capital Expenditures by Business Sector for Companies With Employees**

Business sector	1999 capital expenditures (billion dollars)	1998 capital expenditures (billion dollars)	Percent change from 1998 to 1999 ¹	
Manufacturing	196.0	203.6	-3.7	(±2.4)
Finance and Insurance	127.2	118.2		NS
Information	120.2	96.5	24.6	(±5.0)
Real Estate and rental and leasing	97.6	85.2		NS
Retail trade	63.7	57.3	11.2	(±3.3)
Transportation and Warehousing	55.1	51.3	7.5	(±3.4)
Health care and social assistance	51.3	47.1	8.9	(±3.6)
Utilities	44.6	36.0	23.9	(±4.2)
Wholesale trade	33.4	29.2	14.6	(±11.0)
Mining	30.5	40.4	-24.5	(±5.2)
Professional, scientific, and technical services	29.3	22.3	31.7	(±14.3)
Accommodation and food services	23.2	20.8	11.5	(±8.9)
Construction	23.1	26.9	-14.0	(±17.1)
Administrative and support and waste management	17.2	13.1		NS
Other services (except public administration)	16.1	20.6		NS
Educational services	13.5	13.0		NS
Arts, entertainment, and recreation	12.9	9.0	43.9	(±14.9)
Management of companies and enterprises	6.7	1.8	267.2	(±82.7)
Forestry, fishing, and agricultural services	1.7	0.9	100.9	(±64.3)

NS Not statistically significant.

¹This column presents the estimate of change along with a 90-percent confidence interval for the estimate. For approximately 90 percent of all possible samples selected using the same methodology, the interval shown would include the actual (but unknown) population value. For example, the estimate -3.7 (±2.4) indicates the range -6.1 to -1.3 in which the actual change is likely to have occurred. If this range includes zero, it is uncertain whether there was an increase or decrease (i.e., the estimate of change is not statistically significant). See the "Sampling Variability" section of Appendix C for more information on confidence intervals.

Finance and Insurance. The finance and insurance sector was second largest in expenditures, spending \$127.2 billion or 13.2 percent of total capital expenditures by companies with employees. Of this amount, \$19.7 billion was spent on structures and \$107.5 billion was spent on equipment. The leading spender in this sector was non-depository credit intermediation (e.g., real estate lending, sales financing, and credit card issuing) at \$80.2 billion, 63 percent of total capital investment in this sector.

Information. The information sector, up nearly 25 percent from the prior year, had \$120.2 billion in capital expenditures in 1999. This sector accounted for 12.5 percent of total capital expenditures by companies with employees. Spending for equipment totaled \$83.8 billion while structures accounted for \$36.4 billion. Wired telecommunications carriers, up 10 percent from 1998, were the leading spenders in this sector at \$55.7 billion, 46.4 percent of the information sector total. Wireless communications carriers, at \$14 billion, showed a 75 percent increase in capital spending in 1999.

Real estate and rental and leasing. This sector spent \$97.6 billion on capital goods in 1999, accounting for 10.1 percent of total capital expenditures by companies with employees. Leading spenders in this sector were automotive equipment rental and leasing with \$37.1 billion, virtually all of which was for equipment; and real estate with \$36.9 billion in capital spending, 88.6 percent of which was for structures. Together they accounted for

approximately three fourths of the expenditures for capital goods within this sector. The commercial and industrial equipment leasing industry, at \$20.9 billion, had the largest increase within this sector, 73 percent from the prior year.

Retail trade. In 1999, the retail trade sector's capital spending increased 11 percent to \$63.7 billion with \$29.3 billion going for structures, and \$34.4 billion for equipment. Food and beverage stores, general merchandise stores, and other retail stores, which includes gas stations, together spent \$49.1 billion, 77.1 percent of investment by this sector.

Transportation and warehousing. Investment within this sector was widespread, totaling \$55.1 billion in 1999. The air transportation industry led with \$19.6 billion, nearly all for equipment, while rail and truck transportation together spent \$18.1 billion.

Health care and social assistance. The health care and social assistance sector spent \$51.3 billion in capital expenditures in 1999, split almost evenly between structures and equipment. Hospitals accounted for over half of the total investment by the sector at \$28.9 billion, while nursing and residential care facilities spent \$8.4 billion, and outpatient care another \$3.2 billion.

Utilities. The utilities sector spent \$44.6 billion on capital goods in 1999. Over three fourths, or \$34.6 billion, of this sector's investment was by electric power generators and distributors. This industry showed nearly a 22 percent increase from the prior year. Natural gas distributors spent \$8.0 billion on capital goods, and the water and sewage systems industry spent \$2.0 billion. This is one of the sectors where capital spending on structures, \$23.1 billion, exceeded capital spending on equipment, \$21.6 billion.

Wholesale trade. This sector spent \$33.4 billion in capital expenditures in 1999. Of this amount, \$19.8 billion was by durable goods wholesalers, and \$13.7 billion by nondurable goods wholesalers.

Mining. The mining sector spent \$30.5 billion on capital goods in 1999, a decrease of nearly 25 percent. This sector spent more on structures, \$17.6 billion, than on equipment, \$12.9 billion. Although the oil and gas extraction industry lead with \$20.5 billion in capital expenditures or 67.1 percent of the mining sector total, their spending decreased 28 percent from 1998.

Professional, scientific and technical services. This sector spent \$29.3 billion for capital goods in 1999. The majority of expenditures, 76.9 percent, was spent on equipment. While investment was widespread, the computer systems design industry spent the most at \$8.0 billion.

Accommodation and food services. This sector's capital spending in 1999 amounted to \$23.2 billion. This sector also spent more on structures than equipment, \$13.3 billion versus \$9.9 billion. Spending was about equally split between the accommodation and food services industries.

Construction. The construction sector spent \$23.1 billion on capital expenditures in 1999. Of this amount, nearly all, \$21.4 billion, was for equipment, of which 87.1 percent was for new equipment.

Administrative and support and waste management. This sector spent \$17.2 billion for capital goods in 1999. Spending by the waste management industry accounted for about a fourth of spending within this sector with \$4.1 billion, while other business related service industries accounted for the remainder.

Other services (except public administration). This sector, which includes various types of organizations and membership groups, repair and maintenance services, and personal services, had \$16.1 billion in capital expenditures in 1999. Spending for structures was \$9.2 billion compared to \$6.9 billion for equipment.

Educational services. With total spending for capital goods at \$13.5 billion, capital expenditures for structures were over two and a half times that for equipment. Spending for structures amounted to \$9.7 billion while spending for equipment was \$3.8 billion.

Arts, entertainment and recreation. This sector's spending totaled \$12.9 billion for capital goods. The amusement, gambling, and recreation industries had capital expenditures of \$9.1 billion, or 70.4 percent of the total in this sector.

Management of companies and enterprises. This sector's spending amounted to \$6.7 billion in capital expenditures, with equipment accounting for 71.0 percent of this total.

Forestry, fishing, and agricultural services. This sector's capital expenditures totaled \$1.7 billion, of which 79.9 percent was for equipment.

The data in this report are subject to sampling variability, as well as nonsampling error. Sources of nonsampling error include errors of response, nonreporting, and coverage. Further details concerning survey design, methodology, and data limitations are contained in the appendixes of this publication.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in this publication:

- Represents zero.
- (D) Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
- (NA) Not available.
- (X) Not applicable.
- (Z) Less than half of unit shown.

ELECTRONIC ACCESS OF DATA

The 1999 Annual Capital Expenditures Survey data are available electronically on the Internet at this address: <http://www.census.gov/csd/ace/>. For further information regarding electronic releases, call 301-457-4100.

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FB 3, Room 1285
Washington, DC 20233-6400

Figure 2.
Capital Expenditures for Structures and Equipment by Company Size: 1999
 (Billion dollars)

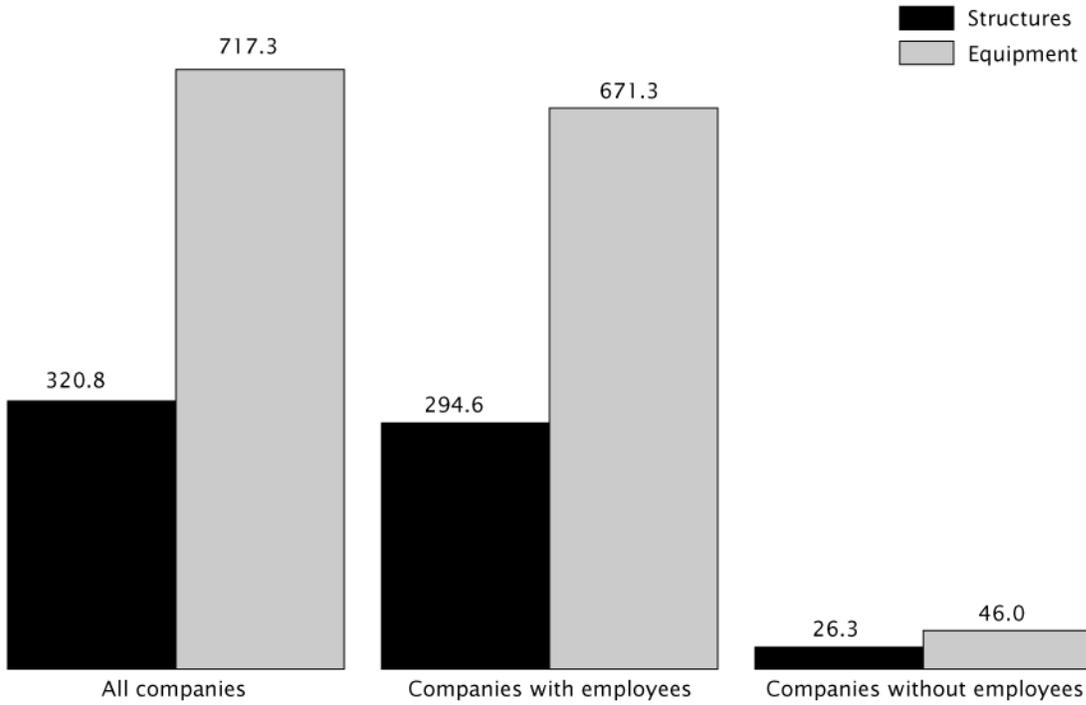


Figure 3.
Capital Expenditures for Structures and Equipment for Companies With Employees: 1999 and 1998 Revised and Restated
 (Billion dollars)

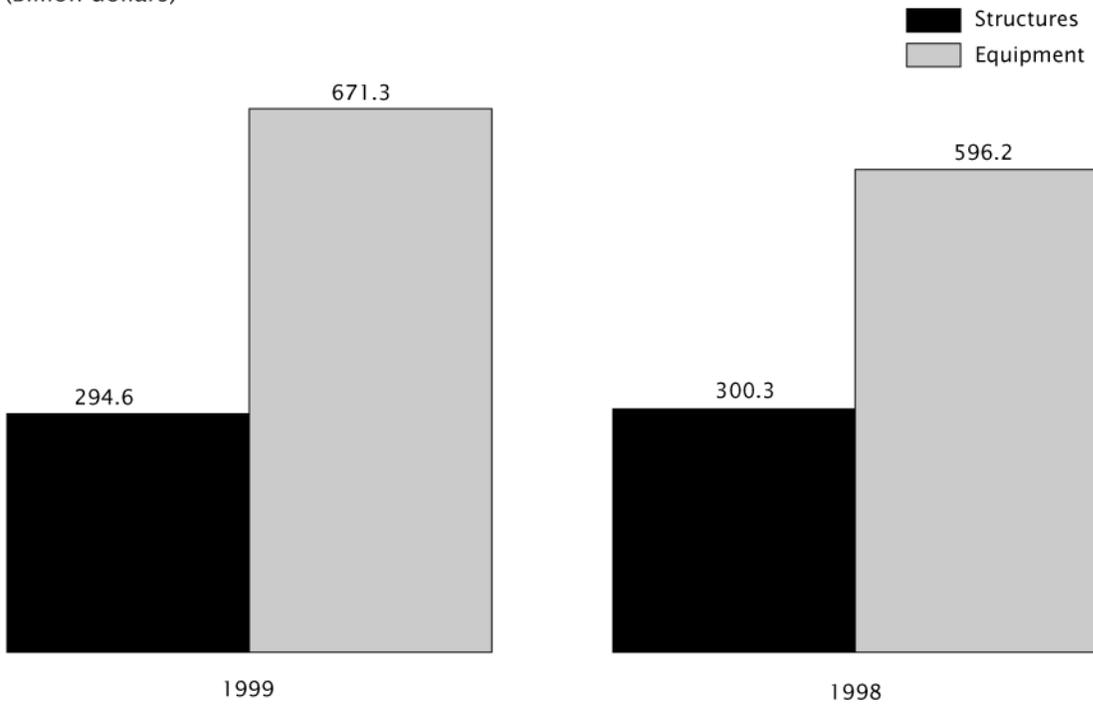


Figure 4.
Capital Expenditures Distribution for New and Used Structures and Equipment for Companies With Employees: 1999
(Percent)

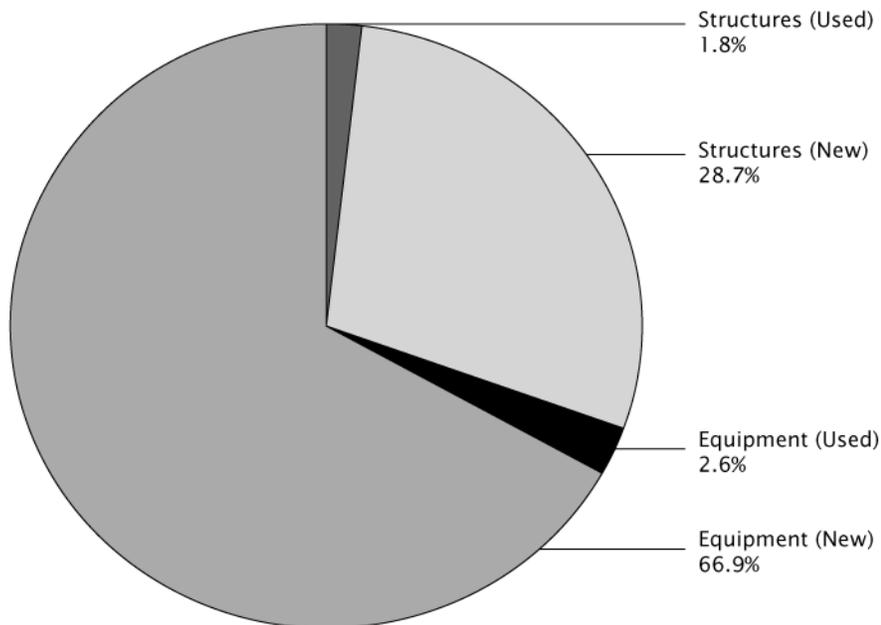


Figure 5.
Capital Expenditures Distribution for New and Used Structures and Equipment for Companies Without Employees: 1999
(Percent)

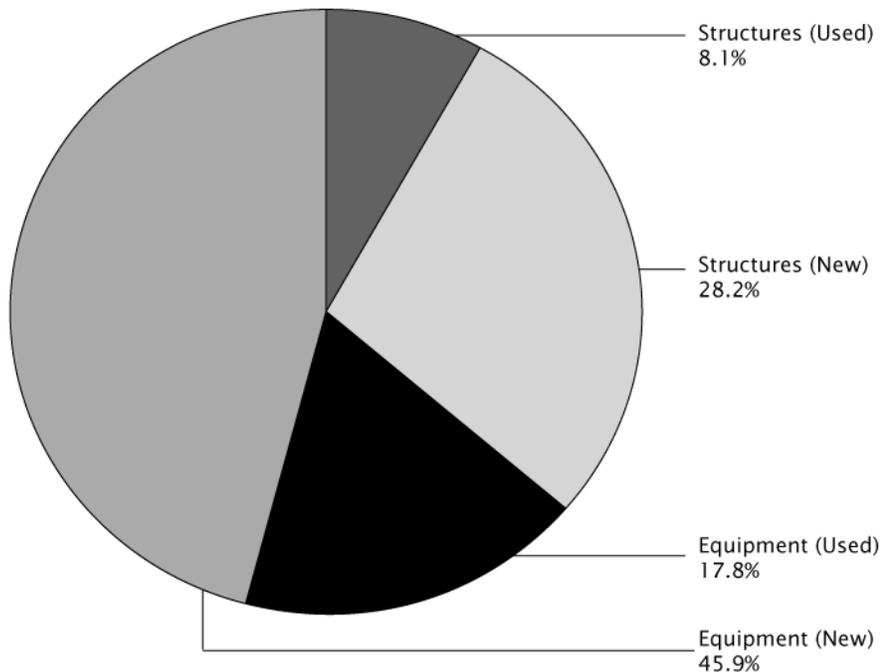


Figure 6.
**Capital Expenditures for Structures and Equipment by Selected
 Business Sectors for Companies With Employees: 1999**

(Billion dollars)

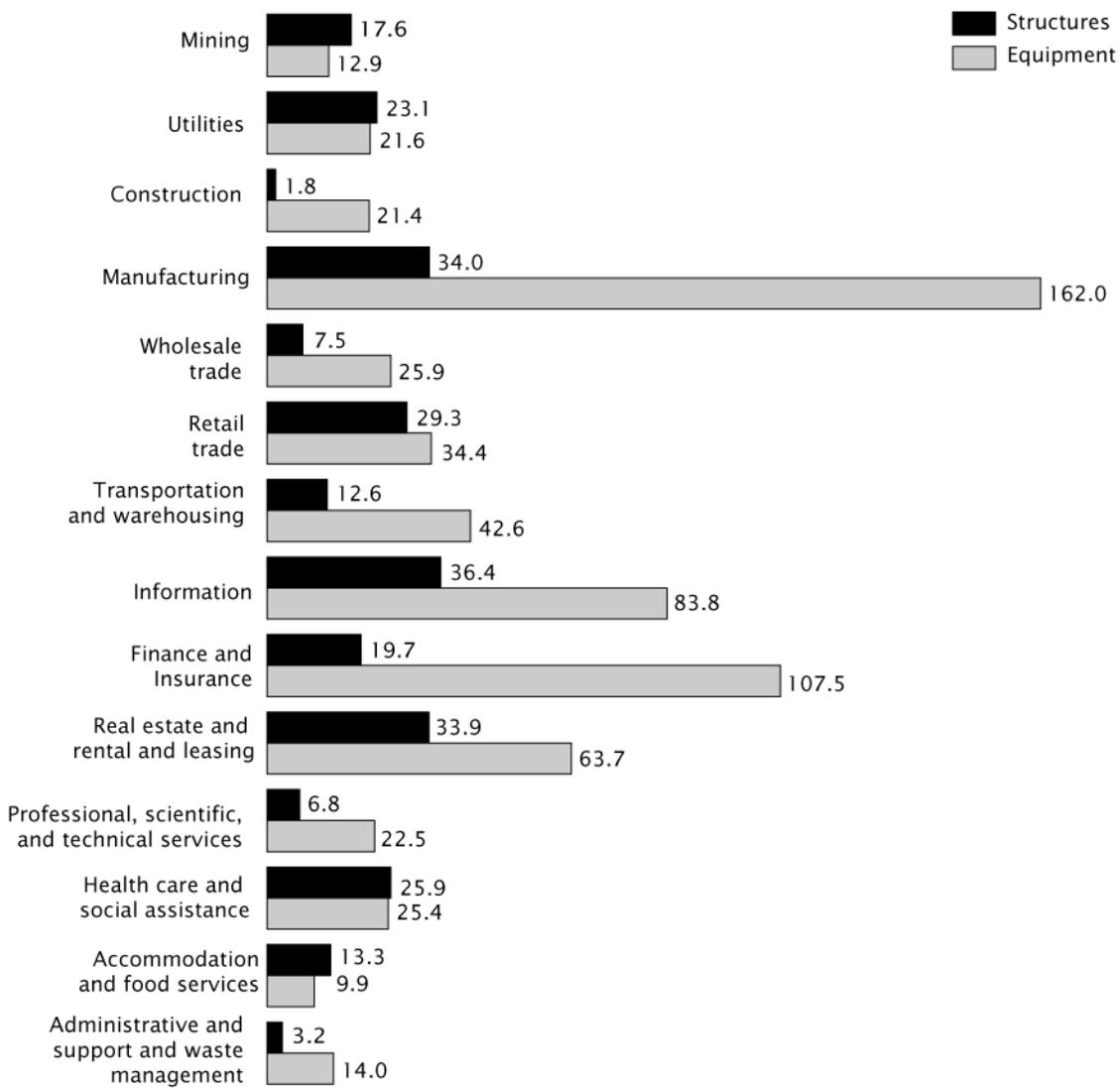


Table 1a. Capital Expenditures for Structures and Equipment: 1999

[Millions of current dollars. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

Capital expenditures	Capital expenditures for all companies	Capital expenditures for companies with employees	Capital expenditures for companies without employees
Total	1 038 150	965 828	72 321
Structures	320 849	294 558	26 291
New	297 443	277 041	20 402
Used	23 406	17 517	5 889
Equipment	717 301	671 270	46 030
New	679 825	646 616	33 209
Used	37 476	24 655	12 821
Not distributed as structures or equipment	-	-	-
Capital Lease and Capitalized Interest Expenditures¹			
Capital leases	17 736	17 190	546
Capitalized interest.....	(NA)	9 611	(NA)

¹Included in data shown above.

Note: Detail may not add to total because of rounding.

Table 1b. Relative Standard Errors for Capital Expenditures for Structures and Equipment: 1999

[Percent. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

Capital expenditures	Capital expenditures for all companies	Capital expenditures for companies with employees	Capital expenditures for companies without employees
Total	1.3	1.3	7.6
Structures	3.1	2.9	19.1
New	3.2	3.0	23.9
Used	8.0	8.2	20.4
Equipment	1.2	1.3	4.2
New	1.3	1.3	4.6
Used	3.1	3.2	6.7
Not distributed as structures or equipment	-	-	-
Capital Lease and Capitalized Interest Expenditures¹			
Capital leases	6.1	6.2	22.5
Capitalized interest.....	(NA)	10.3	(NA)

Table 1c. Capital Expenditures for Structures and Equipment: 1998 Revised

[Millions of current dollars. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

Capital expenditures	Capital expenditures for all companies	Capital expenditures for companies with employees	Capital expenditures for companies without employees
Total	970 897	896 452	74 445
Structures	329 111	300 283	28 828
New	284 491	260 008	24 483
Used	44 620	40 275	4 345
Equipment	641 786	596 169	45 617
New	606 210	570 397	35 813
Used	35 577	25 773	9 804
Not distributed as structures or equipment	-	-	-
Capital Lease and Capitalized Interest Expenditures¹			
Capital leases	16 533	15 631	902
Capitalized interest.....	(NA)	9 799	(NA)

¹Included in data shown above.

Note: Detail may not add to total because of rounding.

Table 1d. Relative Standard Errors for Capital Expenditures for Structures and Equipment: 1998 Revised

[Percent. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

Capital expenditures	Capital expenditures for all companies	Capital expenditures for companies with employees	Capital expenditures for companies without employees
Total	1.5	1.4	10.0
Structures	3.6	3.8	13.9
New	3.3	3.3	15.9
Used	15.8	17.4	18.6
Equipment	1.0	0.7	11.1
New	1.0	0.7	13.6
Used	4.3	3.5	12.7
Not distributed as structures or equipment	-	-	-
Capital Lease and Capitalized Interest Expenditures			
Capital leases	5.4	3.5	29.7
Capitalized interest.....	(NA)	5.0	(NA)

Table 2a. **Capital Expenditures and Percent Change for Companies With Employees by Major Industry Sector: 1999 and 1998 Revised and Restated**

[Millions of current dollars. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	1999 capital expenditures	Percent change (1999-1998)	1998 capital expenditures
	Total expenditures	965 828	7.7	896 452
	By industry	965 828	7.7	896 452
113-115	Forestry, fishing, and agricultural services	1 716	100.9	854
21	Mining	30 536	-24.5	40 424
22	Utilities	44 622	23.9	36 010
23	Construction	23 110	-14.0	26 867
31-33	Manufacturing	196 013	-3.7	203 587
321, 327, 33	Durable goods industries	116 168	-1.5	117 901
31, 322-326	Nondurable goods industries	79 845	-6.8	85 685
42	Wholesale trade	33 434	14.6	29 169
44-45	Retail trade	63 661	11.2	57 276
48-49	Transportation and warehousing	55 128	7.5	51 287
51	Information	120 237	24.6	96 487
52	Finance and insurance	127 168	7.6	118 173
53	Real estate and rental and leasing	97 621	14.6	85 184
54	Professional, scientific, and technical services	29 334	31.7	22 277
55	Management of companies and enterprises	6 687	267.2	1 821
56	Administrative and support and waste management	17 199	31.2	13 110
61	Educational services	13 533	4.2	12 983
62	Health care and social assistance	51 294	8.9	47 109
71	Arts, entertainment, and recreation	12 946	43.9	8 994
72	Accommodation and food services	23 223	11.5	20 822
81	Other services (except public administration)	16 140	-21.8	20 627
	Structure and equipment expenditures serving multiple industry categories	2 225	-34.4	3 392

Note: Detail may not add to total because of rounding.

Table 2b. **Relative Standard Errors for Capital Expenditures and Percent Change for Companies With Employees by Major Industry Sector: 1999 and 1998 Revised and Restated**

[Percent. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	1999 capital expenditures	Percent change (1999-1998)	1998 capital expenditures
	Total expenditures	1.3	0.2	1.4
	By industry	1.3	0.2	1.4
113-115	Forestry, fishing, and agricultural services	6.2	0.4	21.8
21	Mining	4.0	0.1	4.3
22	Utilities	2.2	0.1	1.9
23	Construction	5.1	0.7	13.8
31-33	Manufacturing	1.7	0.4	1.3
321, 327, 33	Durable goods industries	2.4	1.4	1.5
31, 322-326	Nondurable goods industries	2.3	0.3	2.5
42	Wholesale trade	6.0	0.5	5.7
44-45	Retail trade	1.7	0.2	1.9
48-49	Transportation and warehousing	1.7	0.3	2.1
51	Information	2.7	0.1	2.0
52	Finance and insurance	5.1	0.6	3.6
53	Real estate and rental and leasing	9.5	0.7	9.3
54	Professional, scientific, and technical services	7.6	0.3	3.1
55	Management of companies and enterprises	2.3	0.2	14.7
56	Administrative and support and waste management	4.2	0.2	5.6
61	Educational services	4.4	1.7	7.8
62	Health care and social assistance	1.9	0.2	2.1
71	Arts, entertainment, and recreation	6.9	0.2	5.4
72	Accommodation and food services	4.4	0.5	5.2
81	Other services (except public administration)	7.2	0.7	21.0
	Structure and equipment expenditures serving multiple industry categories	0.5	0.0	0.6

Table 3a. Capital Expenditures for Structures and Equipment for Companies With Employees by Major Industry Sector: 1999 and 1998 Revised and Restated

[Millions of current dollars. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	Total expenditures	Expenditures for structures			Expenditures for equipment			Not distributed as structures or equipment
			Total	New	Used	Total	New	Used	
	Total expenditures	1999.. 965 828	294 558	277 041	17 517	671 270	646 616	24 655	-
	..... 1998..	896 452	300 283	260 008	40 275	596 169	570 397	25 773	-
	By industry	1999.. 965 828	294 558	277 041	17 517	671 270	646 616	24 655	-
	..... 1998..	896 452	300 283	260 008	40 275	596 169	570 397	25 773	-
113-115	Forestry, fishing, and agricultural services	1999.. 1 716	344	331	13	1 371	1 190	182	-
	..... 1998..	854	206	158	49	648	603	46	-
21	Mining	1999.. 30 536	17 621	17 034	587	12 914	12 121	793	-
	..... 1998..	40 424	26 503	24 714	1 789	13 921	12 625	1 296	-
22	Utilities	1999.. 44 622	23 061	22 604	457	21 561	20 545	1 016	-
	..... 1998..	36 010	18 574	17 771	804	17 436	17 266	170	-
23	Construction	1999.. 23 110	1 753	1 505	248	21 356	18 600	2 756	-
	..... 1998..	26 867	7 062	4 749	2 313	19 805	15 346	4 458	-
31-33	Manufacturing	1999.. 196 013	34 013	32 484	1 530	162 000	157 028	4 972	-
	..... 1998..	203 587	39 028	37 122	1 906	164 559	159 363	5 196	-
321, 327, 33	Durable goods industries	1999.. 116 168	17 105	16 366	739	99 063	95 812	3 251	-
	..... 1998..	117 901	19 406	18 449	957	98 496	95 571	2 925	-
31, 322-326	Nondurable goods industries	1999.. 79 845	16 908	16 117	790	62 937	61 216	1 721	-
	..... 1998..	85 685	19 622	18 673	949	66 063	63 792	2 271	-
42	Wholesale trade	1999.. 33 434	7 504	6 748	756	25 930	24 466	1 465	-
	..... 1998..	29 169	7 480	6 738	742	21 690	20 470	1 220	-
44-45	Retail trade	1999.. 63 661	29 264	28 440	824	34 398	33 347	1 051	-
	..... 1998..	57 276	25 105	23 104	2 001	32 171	30 359	1 812	-
48-49	Transportation and warehousing	1999.. 55 128	12 560	12 297	263	42 568	39 840	2 727	-
	..... 1998..	51 287	13 036	12 365	671	38 251	33 409	4 842	-
51	Information	1999.. 120 237	36 440	35 250	1 191	83 797	81 228	2 569	-
	..... 1998..	96 487	24 721	24 218	503	71 766	70 827	939	-
52	Finance and insurance	1999.. 127 168	19 697	17 534	2 164	107 471	107 026	444	-
	..... 1998..	118 173	27 221	16 858	10 362	90 952	90 058	894	-
53	Real estate and rental and leasing	1999.. 97 621	33 903	30 295	3 608	63 718	60 659	3 059	-
	..... 1998..	85 184	36 775	24 109	12 666	48 409	46 877	1 532	-
54	Professional, scientific, and technical services	1999.. 29 334	6 781	6 168	613	22 553	21 940	613	-
	..... 1998..	22 277	4 886	4 572	314	17 390	16 868	522	-
55	Management of companies and enterprises	1999.. 6 687	1 936	1 778	159	4 751	4 673	78	-
	..... 1998..	1 821	753	502	251	1 068	1 030	38	-
56	Administrative and support and waste management	1999.. 17 199	3 243	3 141	102	13 956	12 927	1 029	-
	..... 1998..	13 110	4 288	3 745	543	8 822	8 346	476	-
61	Educational services	1999.. 13 533	9 767	9 140	627	3 766	3 669	97	-
	..... 1998..	12 983	9 109	8 734	374	3 874	3 825	49	-
62	Health care and social assistance	1999.. 51 294	25 889	24 142	1 747	25 405	24 930	475	-
	..... 1998..	47 109	23 971	21 328	2 643	23 138	22 465	672	-
71	Arts, entertainment, and recreation	1999.. 12 946	7 737	7 589	148	5 209	5 098	111	-
	..... 1998..	8 994	5 045	4 838	206	3 949	3 752	197	-
72	Accommodation and food services	1999.. 23 223	13 297	11 257	2 040	9 926	9 353	573	-
	..... 1998..	20 822	12 045	10 402	1 643	8 777	8 005	772	-
81	Other services (except public administration)	1999.. 16 140	9 234	8 814	420	6 906	6 353	553	-
	..... 1998..	20 627	13 737	13 280	457	6 890	6 296	594	-
	Structure and equipment expenditures serving multiple industry categories	1999.. 2 225	511	490	21	1 714	1 623	91	-
	..... 1998..	3 392	738	699	39	2 654	2 609	46	-

Note: Detail may not add to total because of rounding.

Table 3b. **Relative Standard Errors for Capital Expenditures for Structures and Equipment for Companies With Employees by Major Industry Sector: 1999 and 1998 Revised and Restated**

[Percent. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	Total expenditures	Expenditures for structures			Expenditures for equipment			Not distributed as structures or equipment
			Total	New	Used	Total	New	Used	
	Total expenditures	1999.. 1.3 1998.. 1.4	2.9 3.8	3.1 3.3	8.2 17.4	1.3 0.7	1.4 0.7	3.3 3.4	-
	By industry	1999.. 1.3 1998.. 1.4	2.9 3.8	3.1 3.3	8.2 17.4	1.3 0.7	1.4 0.7	3.3 3.4	-
113-115	Forestry, fishing, and agricultural services	1999.. 6.2 1998.. 21.8	12.8 31.7	13.0 35.3	63.2 70.2	6.7 26.9	6.5 28.9	29.3 16.3	-
21	Mining	1999.. 4.0 1998.. 4.3	6.8 5.9	7.0 6.2	9.4 14.0	2.3 5.3	2.4 5.6	7.4 13.2	-
22	Utilities	1999.. 2.2 1998.. 1.9	3.7 3.1	3.7 3.3	0.4 4.1	2.1 2.0	2.2 2.0	0.1 6.0	-
23	Construction	1999.. 5.1 1998.. 13.8	13.0 48.8	13.2 50.7	44.9 106.6	5.4 6.9	5.6 8.5	14.9 9.3	-
31-33	Manufacturing	1999.. 1.7 1998.. 1.3	1.1 5.2	1.2 5.4	5.9 10.6	2.0 1.1	2.0 1.1	4.0 4.8	-
321, 327, 33	Durable goods industries	1999.. 2.4 1998.. 1.5	1.7 3.3	1.8 3.3	8.5 20.7	2.7 1.6	2.8 1.7	4.9 7.2	-
31, 322-326	Nondurable goods industries	1999.. 2.3 1998.. 2.5	1.5 9.8	1.5 10.3	8.1 4.9	2.7 1.4	2.8 1.4	7.2 5.9	-
42	Wholesale trade	1999.. 6.0 1998.. 5.7	10.9 7.7	11.8 7.9	26.7 29.6	6.6 7.2	6.4 7.6	28.2 17.7	-
44-45	Retail trade	1999.. 1.7 1998.. 1.9	2.0 2.7	1.9 2.5	33.2 17.1	2.1 2.7	2.1 2.7	13.1 15.0	-
48-49	Transportation and warehousing	1999.. 1.7 1998.. 2.1	1.8 1.4	1.9 1.5	7.4 2.0	2.1 2.7	2.2 2.8	9.1 9.2	-
51	Information	1999.. 2.7 1998.. 2.0	2.8 4.8	2.9 4.8	2.3 14.2	3.1 2.2	3.2 2.2	4.8 7.1	-
52	Finance and insurance	1999.. 5.1 1998.. 3.6	5.0 15.4	4.4 13.0	29.7 34.5	5.9 0.6	6.0 0.6	13.9 4.1	-
53	Real estate and rental and leasing	1999.. 9.5 1998.. 9.3	23.7 21.3	26.3 23.9	31.0 41.8	6.0 2.3	6.3 2.3	4.7 13.3	-
54	Professional, scientific, and technical services	1999.. 7.6 1998.. 3.1	9.6 7.2	10.5 7.5	10.1 27.7	7.5 3.3	7.7 3.3	19.7 28.3	-
55	Management of companies and enterprises	1999.. 2.3 1998.. 14.7	3.4 27.2	2.9 19.0	27.0 72.4	2.3 16.1	2.1 16.7	34.4 9.9	-
56	Administrative and support and waste management	1999.. 4.2 1998.. 5.6	6.0 11.0	6.1 7.6	31.4 68.9	4.7 6.4	4.8 6.6	16.0 20.2	-
61	Educational services	1999.. 4.4 1998.. 7.8	5.8 10.8	5.3 11.2	49.7 27.8	3.2 7.1	3.3 7.2	23.0 34.3	-
62	Health care and social assistance	1999.. 1.9 1998.. 2.1	3.2 3.6	3.4 3.7	9.9 14.2	1.5 2.1	1.5 2.2	6.1 11.7	-
71	Arts, entertainment, and recreation	1999.. 6.9 1998.. 5.4	7.1 8.7	7.3 8.9	9.6 47.1	8.9 5.3	9.1 5.5	24.2 17.3	-
72	Accommodation and food services	1999.. 4.4 1998.. 5.2	5.7 8.2	6.3 9.2	11.4 13.6	4.7 5.2	4.9 5.2	17.0 24.2	-
81	Other services (except public administration)	1999.. 7.2 1998.. 21.0	10.9 31.3	11.2 32.4	54.6 37.7	7.0 7.1	4.6 6.5	54.6 44.8	-
	Structure and equipment expenditures serving multiple industry categories	1999.. 0.5 1998.. 0.6	1.4 0.9	1.4 1.0	0.0 0.1	0.2 0.7	0.2 0.7	0.0 1.5	-

Table 4a. Capital Expenditures for Structures and Equipment for Companies With Employees by Industry: 1999

[Millions of current dollars. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	Total expenditures	Total new expenditures	Expenditures for structures			Expenditures for equipment			Not distributed as structures or equipment
				Total	New	Used	Total	New	Used	
	Total expenditures	965 828	923 657	294 558	277 041	17 517	671 270	646 616	24 655	-
	By industry	965 828	923 657	294 558	277 041	17 517	671 270	646 616	24 655	-
113-115	Forestry, fishing, and agricultural services	1 716	1 521	344	331	13	1 371	1 190	182	-
113, 114, 115	Forestry, logging, fishing, hunting, trapping, and agricultural support activities	1 716	1 521	344	331	13	1 371	1 190	182	-
21	Mining	30 536	29 155	17 621	17 034	587	12 914	12 121	793	-
2111	Oil and gas extraction	20 473	19 717	14 877	14 307	570	5 596	5 410	186	-
2121	Coal mining	1 841	1 721	385	(D)	(D)	1 455	(D)	(D)	-
2122	Metal ore mining	1 095	1 091	661	658	3	434	433	2	-
2123	Nonmetallic mineral mining and quarrying	2 364	2 114	347	337	10	2 016	1 776	240	-
213111, 213112	Support activities for oil and gas operations	4 669	4 442	1 347	1 344	2	3 322	3 098	225	-
213113, 213114, 213115	Support activities for solid mineral operations	94	71	4	(D)	(D)	90	(D)	(D)	-
22	Utilities	44 622	43 149	23 061	22 604	457	21 561	20 545	1 016	-
2211	Electric power generation, transmission, and distribution	34 585	33 885	16 686	16 312	374	17 900	17 574	326	-
2212	Natural gas distribution	8 002	7 284	4 962	4 932	30	3 040	2 352	688	-
2213	Water, sewage, and other systems	2 035	1 980	1 413	1 361	52	621	619	3	-
23	Construction	23 110	20 105	1 753	1 505	248	21 356	18 600	2 756	-
233	Building, developing, and general contracting	4 309	3 838	802	684	118	3 507	3 154	354	-
234	Heavy construction	7 265	6 093	277	249	28	6 989	5 845	1 144	-
235	Special trade contractors	11 535	10 174	675	572	103	10 860	9 602	1 258	-
31-33	Manufacturing	196 013	189 512	34 013	32 484	1 530	162 000	157 028	4 972	-
321, 327, 33	Durable goods industries	116 168	112 179	17 105	16 366	739	99 063	95 812	3 251	-
321	Wood product manufacturing	3 541	3 342	705	679	26	2 837	2 664	173	-
3271, 3272	Clay and glass products manufacturing	2 273	2 218	507	501	6	1 766	1 717	49	-
3273, 3274, 3279	Cement, concrete, lime, gypsum, and other nonmetallic mineral product manufacturing	4 660	4 321	882	834	48	3 777	3 487	291	-
3311, 3312	Iron and steel mills, ferroalloy manufacturing, and steel product manufacturing from purchased steel	4 396	4 270	417	404	12	3 979	3 866	113	-
3313, 3314	Nonferrous metals production and processing	1 770	1 672	371	365	6	1 399	1 307	92	-
3315	Ferrous and nonferrous foundries	1 215	1 167	154	145	9	1 061	1 023	39	-
332	Fabricated metal product manufacturing	9 963	9 400	1 230	1 176	54	8 733	8 225	508	-
3331	Agriculture, construction, and mining machinery manufacturing	1 945	1 896	265	261	4	1 681	1 635	45	-
3332, 3335, 3339	Industrial, metalworking, and general purpose machinery manufacturing	4 881	4 711	817	781	36	4 064	3 930	134	-
3333, 3334	Commercial, service industry, temperature control, and air-flow control machinery manufacturing	1 769	1 664	353	316	37	1 416	1 348	68	-
3336	Engine, turbine, and power transmission equipment manufacturing	1 377	1 351	147	135	12	1 230	1 216	13	-
3341	Computer and peripheral equipment manufacturing	5 906	5 416	792	758	34	5 114	4 658	456	-
3342, 3343	Communications, audio and video equipment manufacturing	8 740	8 567	935	878	57	7 805	7 689	117	-
3344	Semiconductor and other electronic component manufacturing	16 036	15 529	2 009	1 821	188	14 027	13 708	319	-
3345	Navigational, measuring, electromedical, and control instruments manufacturing	3 209	3 075	698	667	31	2 511	2 409	102	-
3346	Manufacturing and reproducing magnetic and optical media	907	905	143	142	(Z)	765	763	2	-
335	Electrical equipment, appliance, and component manufacturing	4 225	4 126	589	584	6	3 635	3 542	93	-
3361, 3362, 3363	Motor vehicle, body, trailer, and parts manufacturing	24 865	24 710	2 306	2 285	22	22 559	22 425	133	-
3364	Aerospace product and parts manufacturing	4 731	4 575	1 378	1 354	25	3 352	3 221	131	-
3365, 3366, 3369	Other transportation equipment manufacturing	1 726	1 656	277	(D)	(D)	1 450	(D)	(D)	-
337	Furniture and related product manufacturing	2 390	2 163	633	598	36	1 757	1 566	191	-
3391	Medical equipment and supplies manufacturing	3 079	2 956	907	855	52	2 172	2 100	72	-
3399	Other miscellaneous manufacturing	2 563	2 487	590	(D)	(D)	1 973	(D)	(D)	-
31, 322-326	Nondurable goods industries	79 845	77 333	16 908	16 117	790	62 937	61 216	1 721	-
311	Food manufacturing	13 653	12 775	2 825	2 419	406	10 828	10 356	472	-
3121	Beverage manufacturing	4 242	4 070	894	830	64	3 348	3 239	109	-
3122	Tobacco manufacturing	463	446	38	(D)	(D)	425	(D)	(D)	-
313, 314	Textile mills and textile product mills	3 029	2 890	405	371	34	2 624	2 519	105	-
315	Apparel manufacturing	1 637	1 552	354	346	7	1 284	1 206	78	-
316	Leather and allied product manufacturing	192	173	43	(D)	(D)	149	(D)	(D)	-
322	Paper manufacturing	9 423	9 102	972	918	53	8 451	8 183	268	-
323	Printing and related support activities	4 851	4 576	514	471	43	4 337	4 104	233	-
324	Petroleum and coal products manufacturing	5 457	5 404	2 123	2 096	27	3 334	3 307	27	-
3251, 3252	Basic chemical, resin, synthetic rubber, and fiber manufacturing	10 900	10 791	2 161	2 142	19	8 739	8 649	89	-
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	1 437	1 385	252	235	17	1 184	1 150	34	-
3254	Pharmaceutical and medicine manufacturing	8 946	8 868	4 100	4 057	44	4 846	4 812	34	-
3255, 3256, 3259	Paint, adhesive, soap, and other chemical manufacturing	4 285	4 168	716	679	37	3 570	3 489	80	-
326	Plastics and rubber products manufacturing	11 329	11 134	1 511	1 478	33	9 818	9 655	163	-

See note at end of table.

Table 4a. Capital Expenditures for Structures and Equipment for Companies With Employees by Industry: 1999—Con.

[Millions of current dollars. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	Total expenditures	Total new expenditures	Expenditures for structures			Expenditures for equipment			Not distributed as structures or equipment
				Total	New	Used	Total	New	Used	
42	Wholesale trade	33 434	31 213	7 504	6 748	756	25 930	24 466	1 465	—
421	Wholesale trade, durable goods	19 772	18 370	3 460	3 124	336	16 313	15 246	1 066	—
422	Wholesale trade, nondurable goods	13 662	12 843	4 044	3 624	420	9 618	9 219	398	—
44-45	Retail trade	63 661	61 787	29 264	28 440	824	34 398	33 347	1 051	—
441	Motor vehicle and parts dealers	5 122	4 973	1 897	1 867	31	3 225	3 106	119	—
443	Electronics and appliance stores	1 682	1 659	605	599	6	1 076	1 060	16	—
445	Food and beverage stores	13 965	13 533	7 261	7 080	181	6 704	6 453	251	—
448	Clothing and clothing accessories stores	4 778	4 703	2 075	2 040	35	2 703	2 663	40	—
452	General merchandise stores	14 056	13 872	7 223	7 143	80	6 833	6 729	105	—
454	Nonstore retailers	2 999	2 644	729	441	288	2 269	2 203	67	—
442, 444, 446, 447, 451, 453	Other retail trade stores, including gasoline stations	21 060	20 403	9 472	9 269	203	11 587	11 134	454	—
48-49	Transportation and warehousing ..	55 128	52 137	12 560	12 297	263	42 568	39 840	2 727	—
481	Air transportation	19 627	18 697	1 324	(D)	(D)	18 303	(D)	(D)	—
482	Rail transportation	8 807	8 560	5 613	5 575	38	3 193	2 985	208	—
483	Water transportation	1 709	1 601	301	300	1	1 408	1 300	108	—
484	Truck transportation	9 297	8 631	762	720	42	8 535	7 911	624	—
485	Transit and ground passenger transportation	2 369	2 231	424	421	3	1 944	1 810	134	—
4861, 4869	Pipeline transportation of crude oil, refined petroleum, and miscellaneous products, except natural gas	1 330	1 307	981	959	22	350	349	1	—
4862	Pipeline transportation of natural gas	2 824	2 774	1 074	(D)	(D)	1 750	(D)	(D)	—
487	Scenic and sightseeing transportation	261	228	141	139	1	120	89	31	—
488	Support activities for transportation	3 494	3 121	480	442	38	3 014	2 679	335	—
492	Couriers and messengers	3 675	3 282	518	(D)	(D)	3 157	(D)	(D)	—
493	Warehousing and storage	1 735	1 705	943	936	7	792	769	23	—
51	Information	120 237	116 478	36 440	35 250	1 191	83 797	81 228	2 569	—
5111	Newspaper, periodical, book, and database publishers	6 633	6 540	2 102	2 078	24	4 532	4 462	70	—
5112	Software publishers	4 212	4 116	1 615	1 553	62	2 596	2 563	34	—
512	Motion picture and sound recording industries	2 954	2 868	1 508	1 431	76	1 446	1 436	10	—
5131	Radio and television broadcasting	4 758	4 610	1 961	1 944	17	2 796	2 665	131	—
5132	Cable networks and program distribution	14 408	11 454	3 883	(D)	(D)	10 525	(D)	(D)	—
51331	Wired telecommunications carriers	55 746	55 546	16 148	(D)	(D)	39 598	(D)	(D)	—
51332	Wireless telecommunications carriers (except satellite)	14 422	14 376	6 867	6 863	3	7 556	7 513	43	—
51333, 51334, 51339	Telecommunications resellers, satellite, and other telecommunications	10 259	10 206	1 414	1 410	4	8 845	8 795	49	—
5141	Information services	4 909	4 900	586	577	8	4 323	4 322	1	—
5142	Data processing services	1 937	1 864	356	(D)	(D)	1 581	(D)	(D)	—
52	Finance and insurance	127 168	124 560	19 697	17 534	2 164	107 471	107 026	444	—
521	Monetary authorities—central bank	378	377	199	(D)	(D)	179	(D)	(D)	—
5221	Depository credit intermediation	19 286	18 172	7 872	6 857	1 015	11 414	11 315	99	—
5222	Nondepository credit intermediation	80 175	80 138	775	743	31	79 400	79 395	5	—
5223	Activities related to credit intermediation	1 623	1 561	374	366	8	1 249	1 195	54	—
523	Securities, commodity contracts, and other financial investments and related activities	7 791	7 607	2 029	2 000	29	5 762	5 607	155	—
5241	Insurance carriers	10 418	10 080	3 115	2 822	293	7 303	7 258	45	—
5242	Agencies, brokerages, and other insurance related activities	2 340	2 211	534	(D)	(D)	1 806	(D)	(D)	—
5251, 5259	Funds, trusts, and other financial vehicles	5 158	4 414	4 800	4 083	718	358	331	27	—
53	Real estate and rental and leasing ..	97 621	90 954	33 903	30 295	3 608	63 718	60 659	3 059	—
531	Real estate	36 860	33 214	32 662	29 149	3 513	4 198	4 065	133	—
5321	Automotive equipment rental and leasing	37 116	34 717	415	403	12	36 701	34 314	2 388	—
5322, 5323	Consumer goods and general rental centers	2 514	2 412	384	379	5	2 130	2 033	97	—
5324	Commercial and industrial machinery and equipment rental and leasing	20 897	20 376	309	230	79	20 588	20 146	441	—
533	Lessors of nonfinancial intangible assets	235	235	134	134	—	101	101	—	—
54	Professional, scientific, and technical services	29 334	28 108	6 781	6 168	613	22 553	21 940	613	—
5411	Legal services	2 894	2 823	661	610	50	2 234	2 213	21	—
5412	Accounting, tax preparation, bookkeeping and payroll services	2 467	2 373	446	410	36	2 021	1 963	58	—
5413	Architectural, engineering, and related services	4 639	4 101	1 338	938	400	3 301	3 164	138	—
5414	Specialized design services	337	318	66	61	5	271	257	13	—
5415	Computer systems design and related services	8 022	7 913	1 388	1 353	35	6 635	6 561	74	—
5416	Management, scientific, and technical consulting services	2 737	2 665	579	578	1	2 158	2 087	71	—
5417	Scientific research and development services	4 689	4 535	1 466	1 429	37	3 223	3 106	117	—
5418	Advertising and related services	2 168	2 093	481	463	18	1 687	1 630	58	—
5419	Other professional, scientific, and technical services	1 380	1 286	357	326	30	1 023	960	64	—
55	Management of companies and enterprises	6 687	6 451	1 936	1 778	159	4 751	4 673	78	—
551	Management of companies and enterprises	6 687	6 451	1 936	1 778	159	4 751	4 673	78	—

See note at end of table.

Table 4a. **Capital Expenditures for Structures and Equipment for Companies With Employees by Industry: 1999—Con.**

[Millions of current dollars. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	Total expenditures	Total new expenditures	Expenditures for structures			Expenditures for equipment			Not distributed as structures or equipment
				Total	New	Used	Total	New	Used	
56	Administrative and support and waste management	17 199	16 068	3 243	3 141	102	13 956	12 927	1 029	—
5614	Business support services	2 570	2 491	383	349	33	2 187	2 141	46	—
5615	Travel arrangement and reservation services	565	549	111	97	14	454	452	2	—
5616, 5617	Investigation, security, and services to buildings and dwellings	3 651	3 140	192	187	5	3 459	2 953	506	—
5611, 5612, 5613, 5619	Office administrative, facilities, employment, and other support services	6 362	6 242	1 186	1 184	2	5 176	5 058	118	—
5621, 5622	Waste collection, treatment, and disposal ..	3 648	3 277	1 333	(D)	(D)	2 316	(D)	(D)	—
5629	Remediation and other waste management services	403	370	39	(D)	(D)	364	(D)	(D)	—
61	Educational services	13 533	12 808	9 767	9 140	627	3 766	3 669	97	—
611	Educational services	13 533	12 808	9 767	9 140	627	3 766	3 669	97	—
62	Health care and social assistance ..	51 294	49 072	25 889	24 142	1 747	25 405	24 930	475	—
6211	Offices of physicians	3 100	2 997	771	705	66	2 329	2 291	37	—
6212, 6213	Offices of dentists and other health practitioners	1 730	1 649	328	268	60	1 401	1 381	20	—
6215	Medical and diagnostic laboratories	1 150	1 109	171	153	17	980	956	23	—
6216	Home health care services	433	428	57	54	3	377	375	2	—
6214, 6219	Outpatient care centers and other ambulatory health care services	3 246	3 193	1 173	1 138	35	2 073	2 056	17	—
6221	General medical and surgical hospitals	28 897	27 779	14 745	13 833	913	14 151	13 946	205	—
6222, 6223	Psychiatric, substance abuse, and specialty hospitals	936	854	446	386	61	489	469	21	—
623	Nursing and residential care facilities	8 425	8 011	6 148	5 854	294	2 276	2 157	119	—
624 (except 6244)	Social assistance (except child day care services)	2 602	2 316	1 569	1 305	264	1 033	1 010	23	—
6244	Child day care services	776	735	481	446	34	295	289	7	—
71	Arts, entertainment, and recreation	12 946	12 687	7 737	7 589	148	5 209	5 098	111	—
711	Performing arts, spectator sports, and related industries	2 184	2 128	1 369	1 352	16	815	775	40	—
712	Museums, historical sites, and similar institutions	1 647	1 625	1 338	1 326	13	309	299	10	—
713	Amusement, gambling, and recreation industries	9 115	8 935	5 030	4 911	120	4 085	4 024	61	—
72	Accommodation and food services	23 223	20 610	13 297	11 257	2 040	9 926	9 353	573	—
721	Traveler accommodation services	12 307	10 594	7 848	6 401	1 447	4 459	4 194	266	—
722	Food services and drinking places	10 916	10 015	5 450	4 856	593	5 467	5 159	308	—
81	Other services (except public administration)	16 140	15 168	9 234	8 814	420	6 906	6 353	553	—
8111	Automotive repair and maintenance	2 059	1 768	897	628	269	1 162	1 140	22	—
8112, 8113, 8114	Other repair and maintenance	1 478	1 091	216	214	2	1 263	878	385	—
812	Personal and laundry services	2 557	2 462	687	663	24	1 870	1 799	71	—
8131, 8132, 8133, 8134	Religious, grantmaking, social advocacy, civic, and social organizations	7 881	7 756	6 113	6 055	59	1 768	1 701	67	—
8139	Business, professional, labor, political, and similar organizations	2 164	2 091	1 320	1 255	65	844	836	8	—
	Structure and equipment expenditures serving multiple industries	2 225	2 113	511	490	21	1 714	1 623	91	—

Note: Detail may not add to total because of rounding.

Table 4b. Relative Standard Errors for Capital Expenditures for Structures and Equipment for Companies With Employees by Industry: 1999

[Percent. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	Total expenditures	Total new expenditures	Expenditures for structures			Expenditures for equipment			Not distributed as structures or equipment
				Total	New	Used	Total	New	Used	
	Total expenditures	1.3	1.4	2.9	3.1	8.2	1.3	1.4	3.3	0.0
	By industry	1.3	1.4	2.9	3.1	8.2	1.3	1.4	3.3	0.0
113-115	Forestry, fishing, and agricultural services	6.2	6.2	12.8	13.0	63.2	6.7	6.5	29.3	0.0
113, 114, 115	Forestry, logging, fishing, hunting, trapping, and agricultural support activities	6.2	6.2	12.8	13.0	63.2	6.7	6.5	29.3	0.0
21	Mining	4.0	4.2	6.8	7.0	9.4	2.3	2.4	7.4	0.0
2111	Oil and gas extraction	5.7	6.0	7.9	8.2	9.7	4.0	4.1	9.2	0.0
2121	Coal mining	3.2	2.7	9.5	(D)	(D)	2.5	(D)	(D)	0.0
2122	Metal ore mining	17.4	17.5	28.9	29.0	92.0	1.0	1.0	8.6	0.0
2123	Nonmetallic mineral mining and quarrying	5.6	6.0	16.7	17.3	3.6	4.8	4.9	13.2	0.0
213111, 213112, 213113, 213114, 213115	Support activities for oil and gas operations	3.9	4.0	2.8	2.8	11.7	5.2	5.5	14.9	0.0
	Support activities for solid mineral operations	12.6	15.0	32.9	(D)	(D)	13.1	(D)	(D)	0.0
22	Utilities	2.2	2.3	3.7	3.7	0.4	2.1	2.2	0.1	0.0
2211	Electric power generation, transmission, and distribution	2.8	2.8	5.0	5.1	0.0	2.5	2.6	0.2	0.0
2212	Natural gas distribution	0.7	0.8	1.1	1.1	0.6	0.8	1.0	0.1	0.0
2213	Water, sewage, and other systems	6.4	6.6	8.9	9.2	3.5	5.4	5.4	18.8	0.0
23	Construction	5.1	5.4	13.0	13.2	44.9	5.4	5.6	14.9	0.0
233	Building, developing, and general contracting	7.8	7.7	13.1	6.8	80.4	8.9	9.1	22.5	0.0
234	Heavy construction	7.6	8.4	18.4	19.8	35.0	7.8	8.7	16.5	0.0
235	Special trade contractors	8.6	8.9	28.9	32.6	56.3	8.9	9.1	28.2	0.0
31-33	Manufacturing	1.7	1.7	1.1	1.2	5.9	2.0	2.0	4.0	0.0
321, 327, 33	Durable goods industries	2.4	2.4	1.7	1.8	8.5	2.7	2.8	4.9	0.0
321	Wood product manufacturing	9.3	9.8	13.5	14.1	7.0	10.6	11.3	16.7	0.0
3271, 3272	Clay and glass products manufacturing	2.4	2.5	7.0	7.0	0.0	2.4	2.4	4.6	0.0
3273, 3274, 3279	Cement, concrete, lime, gypsum, and other nonmetallic mineral product manufacturing	4.8	5.1	8.4	8.9	8.0	4.7	5.0	22.6	0.0
3311, 3312	Iron and steel mills, ferroalloy manufacturing, and steel product manufacturing from purchased steel	1.0	1.0	2.2	1.8	45.4	1.0	1.0	10.6	0.0
3313, 3314	Nonferrous metals production and processing	2.9	2.8	6.3	6.4	2.3	2.8	2.7	7.2	0.0
3315	Ferrous and nonferrous foundries	7.8	8.2	8.6	8.6	55.7	8.8	9.1	15.9	0.0
332	Fabricated metal product manufacturing	9.2	9.6	8.5	8.9	6.9	10.1	10.6	19.8	0.0
3331	Agriculture, construction, and mining machinery manufacturing	1.6	1.4	3.0	3.0	38.7	1.7	1.4	40.9	0.0
3332, 3335, 3339	Industrial, metalworking, and general purpose machinery manufacturing	10.1	10.4	12.7	13.3	12.1	10.3	10.6	46.8	0.0
3333, 3334	Commercial, service industry, temperature control, and air-flow control machinery manufacturing	7.5	7.4	21.7	22.7	53.6	6.9	7.0	39.5	0.0
3336	Engine, turbine, and power transmission equipment manufacturing	1.5	1.5	4.1	4.5	2.2	1.4	1.4	21.2	0.0
3341	Computer and peripheral equipment manufacturing	1.7	1.8	1.3	1.3	2.2	1.8	1.9	0.4	0.0
3342, 3343	Communications, audio and video equipment manufacturing	27.8	28.3	1.0	1.1	4.1	31.1	31.5	7.5	0.0
3344	Semiconductor and other electronic component manufacturing	2.5	2.5	5.8	5.8	27.1	2.6	2.7	4.0	0.0
3345	Navigational, measuring, electromedical, and control instruments manufacturing	3.0	3.1	6.9	7.2	0.0	2.5	2.6	2.8	0.0
3346	Manufacturing and reproducing magnetic and optical media	20.7	20.8	13.8	13.9	0.0	22.5	22.6	68.4	0.0
335	Electrical equipment, appliance, and component manufacturing	3.6	3.3	12.5	12.6	0.7	2.9	2.6	38.6	0.0
3361, 3362, 3363	Motor vehicle, body, trailer, and parts manufacturing	0.9	0.9	4.5	4.5	1.2	0.7	0.7	27.5	0.0
3364	Aerospace product and parts manufacturing	1.0	1.0	0.8	0.6	33.3	1.4	1.4	5.1	0.0
3365, 3366, 3369	Other transportation equipment manufacturing	2.2	2.1	7.7	(D)	(D)	2.0	(D)	(D)	0.0
337	Furniture and related product manufacturing	5.4	5.8	10.5	11.1	16.1	4.6	4.8	11.1	0.0
3391	Medical equipment and supplies manufacturing	4.9	5.0	5.4	4.8	52.1	5.3	5.3	17.9	0.0
3399	Other miscellaneous manufacturing	4.1	4.1	8.1	(D)	(D)	3.9	(D)	(D)	0.0
31, 322-326	Nondurable goods industries	2.3	2.3	1.5	1.5	8.1	2.7	2.8	7.2	0.0
311	Food manufacturing	3.4	3.7	3.5	4.1	0.0	3.9	4.1	8.2	0.0
3121	Beverage manufacturing	6.3	5.9	18.9	19.2	74.0	4.2	4.0	56.1	0.0
3122	Tobacco manufacturing	1.6	1.5	1.4	(D)	(D)	1.7	(D)	(D)	0.0
313, 314	Textile mills and textile product mills	7.4	7.7	7.8	8.5	0.0	7.5	7.8	7.7	0.0
315	Apparel manufacturing	9.1	8.7	13.1	13.4	0.0	10.9	10.5	60.8	0.0
316	Leather and allied product manufacturing	11.0	8.6	20.4	(D)	(D)	13.1	(D)	(D)	0.0
322	Paper manufacturing	2.5	2.6	3.1	3.2	0.3	2.7	2.8	10.2	0.0
323	Printing and related support activities	7.9	8.2	11.3	11.1	61.7	8.2	8.5	30.5	0.0
324	Petroleum and coal products manufacturing	0.9	0.9	1.2	1.2	3.1	1.2	1.2	13.4	0.0
3251, 3252	Basic chemical, resin, synthetic rubber, and fiber manufacturing	1.4	1.4	1.4	1.4	1.2	1.6	1.6	9.7	0.0
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	3.6	3.4	2.1	1.5	15.8	4.1	4.1	54.0	0.0
3254	Pharmaceutical and medicine manufacturing	0.9	0.8	0.9	0.5	74.9	1.3	1.3	16.3	0.0
3255, 3256, 3259	Paint, adhesive, soap, and other chemical manufacturing	4.3	4.5	6.1	6.4	0.1	4.9	5.0	3.5	0.0
326	Plastics and rubber products manufacturing	14.3	14.5	7.4	7.5	35.6	15.7	16.0	22.5	0.0
42	Wholesale trade	6.0	6.0	10.9	11.8	26.7	6.6	6.4	28.2	0.0
421	Wholesale trade, durable goods	8.3	8.3	8.0	8.4	28.2	9.9	9.7	37.3	0.0
422	Wholesale trade, nondurable goods	8.4	8.7	19.0	20.7	42.5	5.8	5.8	27.5	0.0

Table 4b. **Relative Standard Errors for Capital Expenditures for Structures and Equipment for Companies With Employees by Industry: 1999—Con.**

[Percent. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	Total expenditures	Total new expenditures	Expenditures for structures			Expenditures for equipment			Not distributed as structures or equipment
				Total	New	Used	Total	New	Used	
44-45	Retail trade	1.7	1.6	2.0	1.9	33.2	2.1	2.1	13.1	0.0
441	Motor vehicle and parts dealers	13.1	13.4	10.7	10.9	32.6	17.3	17.9	33.8	0.0
443	Electronics and appliance stores	6.0	6.0	2.5	2.5	48.5	9.1	9.1	39.7	0.0
445	Food and beverage stores	1.5	1.3	1.4	1.4	8.2	2.2	1.6	41.4	0.0
448	Clothing and clothing accessories stores	3.6	3.7	7.3	7.4	10.8	2.5	2.5	7.8	0.0
452	General merchandise stores	0.3	0.3	0.4	0.4	17.8	0.2	0.2	6.4	0.0
454	Nonstore retailers	13.2	6.4	38.5	15.8	94.5	6.9	7.1	11.7	0.0
442, 444, 446, 447, 451, 453	Other retail trade stores, including gasoline stations	3.3	3.3	4.7	4.8	6.6	3.6	3.5	17.6	0.0
48-49	Transportation and warehousing	1.7	1.7	1.8	1.9	7.4	2.1	2.2	9.1	0.0
481	Air transportation	1.1	0.7	2.1	(D)	(D)	1.2	(D)	(D)	0.0
482	Rail transportation	0.2	0.2	0.3	0.3	16.4	0.2	0.2	1.7	0.0
483	Water transportation	4.3	4.5	2.7	2.7	4.3	5.1	5.5	7.2	0.0
484	Truck transportation	7.7	8.1	11.7	12.3	15.9	8.3	8.8	21.6	0.0
485	Transit and ground passenger transportation	10.3	10.6	3.5	3.5	87.4	12.4	12.8	54.6	0.0
4861, 4869	Pipeline transportation of crude oil, refined petroleum, and miscellaneous products, except natural gas	5.4	5.5	7.3	7.5	0.6	1.2	1.2	1.4	0.0
4862	Pipeline transportation of natural gas	0.2	0.2	0.5	(D)	(D)	0.2	(D)	(D)	0.0
487	Scenic and sightseeing transportation	14.8	10.0	5.0	5.0	76.4	28.0	20.1	56.9	0.0
488	Support activities for transportation	14.4	15.5	35.6	38.5	44.5	14.9	16.6	17.3	0.0
492	Couriers and messengers	1.9	2.2	0.1	(D)	(D)	2.3	(D)	(D)	0.0
493	Warehousing and storage	6.8	6.9	10.0	10.1	22.6	7.8	8.0	37.7	0.0
51	Information	2.7	2.8	2.8	2.9	2.3	3.1	3.2	4.8	0.0
5111	Newspaper, periodical, book, and database publishers	7.4	7.4	14.3	14.4	12.1	4.5	4.6	1.9	0.0
5112	Software publishers	4.4	4.5	1.3	1.3	0.0	7.0	7.1	13.0	0.0
512	Motion picture and sound recording industries	5.9	5.9	3.8	3.7	27.8	10.4	10.5	6.5	0.0
5131	Radio and television broadcasting	10.3	10.5	17.8	17.9	100.0	9.0	8.8	92.6	0.0
5132	Cable networks and program distribution	2.6	3.3	1.5	(D)	(D)	3.3	(D)	(D)	0.0
51331	Wired telecommunications carriers	0.9	0.9	0.8	(D)	(D)	1.1	(D)	(D)	0.0
51332	Wireless telecommunications carriers (except satellite)	2.2	2.2	4.0	4.0	1.1	2.4	2.4	10.0	0.0
51333, 51334, 51339	Telecommunications resellers, satellite, and other telecommunications	20.9	21.0	60.0	60.2	92.1	15.2	15.3	47.9	0.0
5141	Information services	44.1	44.2	28.9	29.3	0.0	50.0	50.0	0.0	0.0
5142	Data processing services	4.1	4.2	1.6	(D)	(D)	4.9	(D)	(D)	0.0
52	Finance and insurance	5.1	5.2	5.0	4.4	29.7	5.9	6.0	13.9	0.0
521	Monetary authorities—central bank	0.0	0.0	0.1	(D)	(D)	0.0	(D)	(D)	0.0
5221	Depository credit intermediation	6.4	5.9	10.0	7.6	61.9	6.8	6.8	19.7	0.0
5222	Nondepository credit intermediation	7.9	7.9	6.9	7.2	2.5	8.0	8.0	28.8	0.0
5223	Activities related to credit intermediation	5.8	5.2	6.3	6.4	49.5	6.8	5.7	67.6	0.0
523	Securities, commodity contracts, and other financial investments and related activities	2.3	2.3	2.9	3.0	2.5	2.6	2.6	27.8	0.0
5241	Insurance carriers	1.6	1.7	4.9	5.4	0.7	1.2	1.2	0.1	0.0
5242	Agencies, brokerages, and other insurance related activities	7.3	7.7	16.6	(D)	(D)	6.8	(D)	(D)	0.0
5251, 5259	Funds, trusts, and other financial vehicles	11.4	12.2	11.9	12.9	18.8	29.3	31.1	52.1	0.0
53	Real estate and rental and leasing	9.5	10.1	23.7	26.3	31.0	6.0	6.3	4.7	0.0
531	Real estate	23.0	25.3	24.6	27.3	31.8	20.5	21.2	33.5	0.0
5321	Automotive equipment rental and leasing	1.3	1.3	2.5	2.5	36.1	1.3	1.3	3.5	0.0
5322, 5323	Consumer goods and general rental centers	3.9	3.5	5.5	5.5	58.1	4.4	3.9	28.2	0.0
5324	Commercial and industrial machinery and equipment rental and leasing	17.6	18.1	20.4	15.7	65.4	17.9	18.3	24.1	0.0
533	Lessors of nonfinancial intangible assets	8.6	8.6	9.9	9.9	0.0	7.6	7.6	0.0	0.0
54	Professional, scientific, and technical services	7.6	7.9	9.6	10.5	10.1	7.5	7.7	19.7	0.0
5411	Legal services	9.2	9.3	22.1	22.3	94.3	8.1	8.2	52.4	0.0
5412	Accounting, tax preparation, bookkeeping and payroll services	3.5	3.7	3.7	4.1	0.6	4.1	4.2	16.8	0.0
5413	Architectural, engineering, and related services	6.0	6.8	9.7	13.9	2.0	5.6	5.8	22.2	0.0
5414	Specialized design services	8.6	8.3	11.8	10.4	60.5	9.9	9.8	45.4	0.0
5415	Computer systems design and related services	26.6	27.0	40.9	42.0	35.3	24.2	24.5	48.0	0.0
5416	Management, scientific, and technical consulting services	7.7	7.6	27.8	27.8	23.3	6.1	5.6	72.0	0.0
5417	Scientific research and development services	9.5	9.2	11.8	11.4	68.8	11.2	11.4	71.6	0.0
5418	Advertising and related services	8.6	8.6	7.7	6.8	87.4	10.5	10.7	59.9	0.0
5419	Other professional, scientific, and technical services	10.2	10.4	24.3	25.9	71.4	8.2	7.9	57.0	0.0
55	Management of companies and enterprises	2.3	1.8	3.4	2.9	27.0	2.3	2.1	34.4	0.0
551	Management of companies and enterprises	2.3	1.8	3.4	2.9	27.0	2.3	2.1	34.4	0.0
56	Administrative and support and waste management	4.2	4.2	6.0	6.1	31.4	4.7	4.8	16.0	0.0
5614	Business support services	17.1	17.4	10.3	6.3	93.9	19.3	19.6	44.7	0.0
5615	Travel arrangement and reservation services	7.7	7.9	20.0	22.3	35.0	7.3	7.4	55.4	0.0
5616, 5617	Investigation, security, and services to buildings and dwellings	11.5	11.0	25.0	25.6	70.8	11.2	10.8	31.1	0.0
5611, 5612, 5613, 5619	Office administrative, facilities, employment, and other support services	5.5	5.5	15.1	15.1	0.0	5.8	6.0	10.2	0.0
5621, 5622	Waste collection, treatment, and disposal	3.7	3.8	2.7	(D)	(D)	5.4	(D)	(D)	0.0
5629	Remediation and other waste management services	15.0	16.1	24.7	(D)	(D)	15.8	(D)	(D)	0.0
61	Educational services	4.4	4.0	5.8	5.3	49.7	3.2	3.3	23.0	0.0
611	Educational services	4.4	4.0	5.8	5.3	49.7	3.2	3.3	23.0	0.0

Table 4b. **Relative Standard Errors for Capital Expenditures for Structures and Equipment for Companies With Employees by Industry: 1999—Con.**

[Percent. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	Total expenditures	Total new expenditures	Expenditures for structures			Expenditures for equipment			Not distributed as structures or equipment
				Total	New	Used	Total	New	Used	
62	Health care and social assistance . . .	1.9	2.0	3.2	3.4	9.9	1.5	1.5	6.1	0.0
6211	Offices of physicians	8.6	8.8	8.2	8.3	35.5	10.8	10.9	63.4	0.0
6212, 6213	Offices of dentists and other health practitioners	9.9	10.0	30.9	33.5	79.3	9.4	9.5	42.9	0.0
6215	Medical and diagnostic laboratories	10.1	10.5	10.4	11.2	31.3	10.8	11.1	29.8	0.0
6216	Home health care services	5.1	5.1	5.8	5.5	49.7	5.7	5.8	13.1	0.0
6214, 6219	Outpatient care centers and other ambulatory health care services	5.9	5.9	8.5	8.7	9.3	7.2	7.3	21.0	0.0
6221	General medical and surgical hospitals	0.6	0.6	1.1	1.1	0.1	0.5	0.5	0.2	0.0
6222, 6223	Psychiatric, substance abuse, and specialty hospitals	3.2	3.4	4.3	4.9	3.8	3.6	3.7	5.6	0.0
623	Nursing and residential care facilities	9.8	10.3	12.4	12.9	41.5	4.8	5.0	7.9	0.0
624 (except 6244)	Social assistance (except child day care services)	9.0	8.9	12.1	11.9	40.7	10.8	11.0	26.8	0.0
6244	Child day care services	23.5	24.6	33.4	35.7	63.1	13.8	14.1	62.5	0.0
71	Arts, entertainment, and recreation	6.9	7.1	7.1	7.3	9.6	8.9	9.1	24.2	0.0
711	Performing arts, spectator sports, and related industries	8.6	8.7	10.4	10.5	22.2	13.0	13.4	53.4	0.0
712	Museums, historical sites, and similar institutions	11.7	11.9	11.4	11.5	49.0	15.7	16.1	54.4	0.0
713	Amusement, gambling, and recreation industries	9.4	9.6	10.1	10.4	10.2	11.0	11.1	25.2	0.0
72	Accommodation and food services	4.4	4.6	5.7	6.3	11.4	4.7	4.9	17.0	0.0
721	Traveler accommodation services	6.7	7.8	8.4	10.2	0.4	8.0	8.5	1.1	0.0
722	Food services and drinking places	5.3	4.7	6.8	5.7	39.4	5.6	5.5	31.6	0.0
81	Other services (except public administration)	7.2	7.1	10.9	11.2	54.6	7.0	4.6	54.6	0.0
8111	Automotive repair and maintenance	17.4	15.6	31.7	28.5	83.5	12.8	13.0	48.6	0.0
8112, 8113, 8114	Other repair and maintenance	27.5	14.3	20.3	20.5	86.4	32.1	17.1	77.9	0.0
812	Personal and laundry services	9.3	9.6	19.7	20.4	16.5	7.3	7.4	34.8	0.0
8131, 8132, 8133, 8134	Religious, grantmaking, social advocacy, civic, and social organizations	11.6	11.8	14.6	14.7	44.4	7.9	8.0	33.7	0.0
8139	Business, professional, labor, political, and similar organizations	17.9	18.5	26.5	27.8	56.1	9.6	9.6	50.1	0.0
	Structure and equipment expenditures serving multiple industries	0.5	0.5	1.4	1.4	0.0	0.2	0.2	0.0	0.0

Table 4c. Capital Expenditures for Structures and Equipment for Companies With Employees by Industry: 1998 Revised and Restated

[Millions of current dollars. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	Total expenditures	Total new expenditures	Expenditures for structures			Expenditures for equipment			Not distributed as structures or equipment
				Total	New	Used	Total	New	Used	
	Total expenditures	896 452	830 404	300 283	260 008	40 275	596 169	570 397	25 773	-
	By industry	896 452	830 404	300 283	260 008	40 275	596 169	570 397	25 773	-
113-115	Forestry, fishing, and agricultural services	854	760	206	158	49	648	603	46	-
113, 114, 115	Forestry, logging, fishing, hunting, trapping, and agricultural support activities	854	760	206	158	49	648	603	46	-
21	Mining	40 424	37 340	26 503	24 714	1 789	13 921	12 625	1 296	-
2111	Oil and gas extraction	28 500	27 173	23 900	22 860	1 040	4 600	4 312	287	-
2121	Coal mining	1 879	1 695	454	406	48	1 426	1 289	137	-
2122	Metal ore mining	1 561	1 545	690	(D)	(D)	870	(D)	(D)	-
2123	Nonmetallic mineral mining and quarrying	2 346	2 051	405	381	24	1 942	1 671	271	-
213111, 213112	Support activities for oil and gas operations	6 037	4 797	1 044	379	665	4 992	4 418	574	-
213113, 213114, 213115	Support activities for solid mineral operations	101	79	9	(D)	(D)	92	(D)	(D)	-
22	Utilities	36 010	35 036	18 574	17 771	804	17 436	17 266	170	-
2211	Electric power generation, transmission, and distribution	28 353	27 524	13 117	(D)	(D)	15 236	(D)	(D)	-
2212	Natural gas distribution	5 886	5 768	4 185	4 081	104	1 702	1 687	15	-
2213	Water, sewage, and other systems	1 771	1 744	1 273	(D)	(D)	498	(D)	(D)	-
23	Construction	26 867	20 095	7 062	4 749	2 313	19 805	15 346	4 458	-
233	Building, developing, and general contracting	9 388	6 824	6 378	4 218	2 159	3 010	2 605	405	-
234	Heavy construction	7 196	5 346	247	183	64	6 950	5 163	1 787	-
235	Special trade contractors	10 282	7 926	438	348	90	9 845	7 578	2 267	-
31-33	Manufacturing	203 587	196 485	39 028	37 122	1 906	164 559	159 363	5 196	-
321, 327, 33	Durable goods industries	117 901	114 020	19 406	18 449	957	98 496	95 571	2 925	-
321	Wood product manufacturing	2 888	2 550	483	425	58	2 405	2 125	280	-
3271, 3272	Clay and glass products manufacturing	2 352	2 311	445	439	6	1 908	1 872	36	-
3273, 3274, 3279	Cement, concrete, lime, gypsum, and other nonmetallic mineral product manufacturing	4 514	4 294	940	913	27	3 574	3 380	193	-
3311, 3312	Iron and steel mills, ferroalloy manufacturing, and steel product manufacturing from purchased steel	5 823	5 584	552	545	7	5 271	5 039	232	-
3313, 3314	Nonferrous metals production and processing	1 994	1 925	421	410	11	1 573	1 515	58	-
3315	Ferrous and nonferrous foundries	1 505	1 458	452	446	6	1 053	1 011	42	-
332	Fabricated metal product manufacturing	11 076	10 542	1 896	1 833	64	9 180	8 710	470	-
3331	Agriculture, construction, and mining machinery manufacturing	1 848	1 750	262	221	41	1 586	1 529	57	-
3332, 3335, 3339	Industrial, metalworking, and general purpose machinery manufacturing	5 600	5 254	1 231	1 065	165	4 369	4 189	181	-
3333, 3334	Commercial, service industry, temperature control, and air-flow control machinery manufacturing	1 597	1 571	282	274	8	1 315	1 297	18	-
3336	Engine, turbine, and power transmission equipment manufacturing	1 131	1 076	112	85	27	1 020	991	28	-
3341	Computer and peripheral equipment manufacturing	8 093	7 749	1 578	1 506	72	6 515	6 244	271	-
3342, 3343	Communications, audio and video equipment manufacturing	5 752	5 689	763	740	23	4 989	4 949	39	-
3344	Semiconductor and other electronic component manufacturing	13 319	13 012	2 293	2 179	114	11 026	10 833	192	-
3345	Navigational, measuring, electromedical, and control instruments manufacturing	3 435	3 245	517	446	71	2 918	2 800	118	-
3346	Manufacturing and reproducing magnetic and optical media	1 274	1 263	247	246	1	1 027	1 017	11	-
335	Electrical equipment, appliance, and component manufacturing	4 409	4 286	624	601	22	3 785	3 685	101	-
3361, 3362, 3363	Motor vehicle, body, trailer, and parts manufacturing	27 474	27 129	3 672	3 601	71	23 802	23 527	275	-
3364	Aerospace product and parts manufacturing	4 840	4 617	783	684	99	4 057	3 933	124	-
3365, 3366, 3369	Other transportation equipment manufacturing	1 587	1 533	310	297	13	1 277	1 237	40	-
337	Furniture and related product manufacturing	2 337	2 243	548	533	14	1 790	1 709	80	-
3391	Medical equipment and supplies manufacturing	2 338	2 295	471	449	21	1 867	1 846	22	-
3399	Other miscellaneous manufacturing	2 715	2 644	526	512	14	2 190	2 132	57	-
31, 322-326	Nondurable goods industries	85 685	82 465	19 622	18 673	949	66 063	63 792	2 271	-
311	Food manufacturing	14 090	13 430	3 334	3 170	164	10 756	10 260	496	-
3121	Beverage manufacturing	4 876	4 646	615	571	44	4 261	4 075	186	-
3122	Tobacco manufacturing	467	450	73	73	-	394	377	18	-
313, 314	Textile mills and textile product mills	4 002	3 844	696	640	56	3 306	3 203	103	-
315	Apparel manufacturing	1 370	1 320	353	323	30	1 017	997	20	-
316	Leather and allied product manufacturing	238	232	35	34	1	203	198	5	-
322	Paper manufacturing	9 098	8 542	1 232	1 136	96	7 866	7 406	460	-
323	Printing and related support activities	5 618	5 098	713	612	101	4 905	4 486	419	-
324	Petroleum and coal products manufacturing	5 215	4 962	2 630	2 499	130	2 585	2 463	122	-
3251, 3252	Basic chemical, resin, synthetic rubber, and fiber manufacturing	15 706	15 513	4 468	4 359	109	11 238	11 154	85	-
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	1 515	1 377	415	346	68	1 100	1 031	70	-
3254	Pharmaceutical and medicine manufacturing	7 176	7 100	2 577	2 535	42	4 599	4 565	33	-
3255, 3256, 3259	Paint, adhesive, soap, and other chemical manufacturing	5 315	5 164	956	891	65	4 359	4 274	85	-
326	Plastics and rubber products manufacturing	11 000	10 788	1 526	1 483	43	9 474	9 305	170	-

See note at end of table.

Table 4c. Capital Expenditures for Structures and Equipment for Companies With Employees by Industry: 1998 Revised and Restated—Con.

[Millions of current dollars. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	Total expenditures	Total new expenditures	Expenditures for structures			Expenditures for equipment			Not distributed as structures or equipment
				Total	New	Used	Total	New	Used	
42	Wholesale trade	29 169	27 208	7 480	6 738	742	21 690	20 470	1 220	—
421	Wholesale trade, durable goods	15 487	14 463	3 027	2 680	347	12 461	11 784	677	—
422	Wholesale trade, nondurable goods	13 682	12 744	4 453	4 058	394	9 229	8 686	543	—
44-45	Retail trade	57 276	53 462	25 105	23 104	2 001	32 171	30 359	1 812	—
441	Motor vehicle and parts dealers	5 254	4 890	1 959	1 828	131	3 296	3 062	234	—
443	Electronics and appliance stores	1 099	1 069	312	295	17	3 787	2 774	13	—
445	Food and beverage stores	12 075	10 421	5 222	4 118	1 104	6 853	6 303	549	—
448	Clothing and clothing accessories stores	5 091	4 966	2 515	2 448	67	2 576	2 517	58	—
452	General merchandise stores	12 307	12 029	6 462	6 221	241	5 845	5 808	38	—
454	Nonstore retailers	2 742	2 634	547	520	27	2 195	2 114	81	—
442, 444, 446, 447, 451, 453	Other retail trade stores, including gasoline stations	18 707	17 454	8 088	7 673	414	10 619	9 781	838	—
48-49	Transportation and warehousing ..	51 287	45 774	13 036	12 365	671	38 251	33 409	4 842	—
481	Air transportation	15 563	13 225	797	749	48	14 766	12 476	2 290	—
482	Rail transportation	9 569	9 275	6 426	6 374	52	3 143	2 901	242	—
483	Water transportation	1 914	1 741	52	48	4	1 862	1 694	169	—
484	Truck transportation	10 347	9 442	619	565	53	9 728	8 477	1 251	—
485	Transit and ground passenger transportation	1 729	1 582	201	199	3	1 528	1 383	144	—
4861, 4869	Pipeline transportation of crude oil, refined petroleum, and miscellaneous products, except natural gas	1 467	1 195	1 209	(D)	(D)	258	(D)	(D)	—
4862	Pipeline transportation of natural gas	3 341	3 119	2 243	2 027	217	1 098	1 092	6	—
487	Scenic and sightseeing transportation	77	70	19	19	-	58	51	7	—
488	Support activities for transportation	2 744	2 433	741	728	13	2 003	1 706	297	—
492	Couriers and messengers	3 589	3 226	352	(D)	(D)	3 237	(D)	(D)	—
493	Warehousing and storage	948	867	377	324	52	571	543	28	—
51	Information	96 487	95 045	24 721	24 218	503	71 766	70 827	939	—
5111	Newspaper, periodical, book, and database publishers	4 813	4 703	1 299	1 233	66	3 514	3 470	44	—
5112	Software publishers	3 842	3 753	657	621	36	3 185	3 132	53	—
512	Motion picture and sound recording industries	3 441	3 376	1 520	1 470	50	1 921	1 906	15	—
5131	Radio and television broadcasting	3 378	3 119	562	494	68	2 816	2 625	191	—
5132	Cable networks and program distribution	11 546	10 865	5 003	4 747	256	6 543	6 118	426	—
51331	Wired telecommunications carriers	50 570	50 480	10 664	10 652	12	39 905	39 828	78	—
51332	Wireless telecommunications carriers (except satellite)	8 228	8 222	2 387	2 387	(Z)	5 841	5 835	6	—
51333, 51334, 51339	Telecommunications resellers, satellite, and other telecommunications	6 281	6 277	2 089	2 089	(Z)	4 192	4 188	4	—
5141	Information services	1 694	1 665	267	265	1	1 428	1 400	28	—
5142	Data processing services	2 693	2 585	273	260	12	2 420	2 325	95	—
52	Finance and insurance	118 173	106 916	27 221	16 858	10 362	90 952	90 058	894	—
521	Monetary authorities—central bank	292	287	168	(D)	(D)	124	(D)	(D)	—
5221	Depository credit intermediation	20 492	18 569	8 690	7 266	1 425	11 802	11 303	499	—
5222	Nondepository credit intermediation	65 267	65 047	522	488	34	64 746	64 559	187	—
5223	Activities related to credit intermediation	780	774	47	(D)	(D)	734	(D)	(D)	—
523	Securities, commodity contracts, and other financial investments and related activities	6 966	6 302	2 094	1 465	629	4 838	4 838	35	—
5241	Insurance carriers	9 709	8 854	3 092	2 326	765	6 617	6 528	89	—
5242	Agencies, brokerages, and other insurance related activities	2 151	2 058	401	356	45	1 749	1 701	48	—
5251, 5259	Funds, trusts, and other financial vehicles ..	12 516	5 026	12 207	4 749	7 458	308	277	31	—
53	Real estate and rental and leasing ..	85 184	70 986	36 775	24 109	12 666	48 409	46 877	1 532	—
531	Real estate	38 887	26 039	35 726	23 104	12 623	3 160	2 935	225	—
5321	Automotive equipment rental and leasing ..	31 645	30 989	457	451	6	31 188	30 539	649	—
5322, 5323	Consumer goods and general rental centers	2 356	2 213	352	339	13	2 004	1 874	130	—
5324	Commercial and industrial machinery and equipment rental and leasing	12 064	11 523	129	116	13	11 936	11 408	528	—
533	Lessors of nonfinancial intangible assets	232	221	111	100	11	122	121	(Z)	—
54	Professional, scientific, and technical services	22 277	21 440	4 886	4 572	314	17 390	16 868	522	—
5411	Legal services	2 611	2 523	519	482	37	2 092	2 041	52	—
5412	Accounting, tax preparation, bookkeeping and payroll services	1 707	1 633	208	(D)	(D)	1 499	(D)	(D)	—
5413	Architectural, engineering, and related services	3 866	3 615	916	845	71	2 950	2 770	179	—
5414	Specialized design services	622	601	135	(D)	(D)	487	(D)	(D)	—
5415	Computer systems design and related services	6 144	6 055	894	881	13	5 250	5 174	76	—
5416	Management, scientific, and technical consulting services	2 011	1 996	491	489	2	1 520	1 506	14	—
5417	Scientific research and development services	2 147	2 075	688	657	30	1 459	1 418	41	—
5418	Advertising and related services	2 035	1 966	705	693	11	1 331	1 273	58	—
5419	Other professional, scientific, and technical services	1 133	976	330	204	126	803	772	31	—
55	Management of companies and enterprises	1 821	1 532	753	502	251	1 068	1 030	38	—
551	Management of companies and enterprises ..	1 821	1 532	753	502	251	1 068	1 030	38	—

See note at end of table.

Table 4c. **Capital Expenditures for Structures and Equipment for Companies With Employees by Industry: 1998 Revised and Restated—Con.**

[Millions of current dollars. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	Total expenditures	Total new expenditures	Expenditures for structures			Expenditures for equipment			Not distributed as structures or equipment
				Total	New	Used	Total	New	Used	
56	Administrative and support and waste management	13 110	12 091	4 288	3 745	543	8 822	8 346	476	—
5614	Business support services	1 674	1 635	422	397	25	1 252	1 238	14	—
5615	Travel arrangement and reservation services	966	899	163	127	35	804	772	32	—
5616, 5617	Investigation, security, and services to buildings and dwellings	2 398	2 232	282	263	20	2 116	1 969	147	—
5611, 5612, 5613, 5619	Office administrative, facilities, employment, and other support services	4 488	3 908	1 756	1 328	428	2 732	2 579	153	—
5621, 5622	Waste collection, treatment, and disposal ..	3 243	3 094	1 528	(D)	(D)	1 715	(D)	(D)	—
5629	Remediation and other waste management services	340	323	137	(D)	(D)	203	(D)	(D)	—
61	Educational services	12 983	12 559	9 109	8 734	374	3 874	3 825	49	—
611	Educational services	12 983	12 559	9 109	8 734	374	3 874	3 825	49	—
62	Health care and social assistance ..	47 109	43 793	23 971	21 328	2 643	23 138	22 465	672	—
6211	Offices of physicians	4 186	3 961	1 438	1 326	112	2 748	2 635	113	—
6212, 6213	Offices of dentists and other health practitioners	2 558	2 353	858	754	105	1 700	1 599	101	—
6215	Medical and diagnostic laboratories	975	941	146	141	5	829	800	29	—
6216	Home health care services	364	351	78	68	10	286	284	2	—
6214, 6219	Outpatient care centers and other ambulatory health care services	3 534	3 018	1 628	1 224	404	1 906	1 794	112	—
6221	General medical and surgical hospitals	24 712	23 594	12 040	11 144	895	12 672	12 450	222	—
6222, 6223	Psychiatric, substance abuse, and specialty hospitals	885	865	512	493	19	373	371	2	—
623	Nursing and residential care facilities	7 621	6 873	5 787	5 108	679	1 834	1 764	70	—
624 (except 6244)	Social assistance (except child day care services)	1 540	1 197	1 022	695	327	518	503	15	—
6244	Child day care services	733	640	462	375	87	271	265	6	—
71	Arts, entertainment, and recreation	8 994	8 590	5 045	4 838	206	3 949	3 752	197	—
711	Performing arts, spectator sports, and related industries	1 049	962	596	568	28	453	393	60	—
712	Museums, historical sites, and similar institutions	1 448	1 424	1 184	1 170	14	264	254	9	—
713	Amusement, gambling, and recreation industries	6 497	6 204	3 265	3 100	165	3 232	3 104	128	—
72	Accommodation and food services	20 822	18 407	12 045	10 402	1 643	8 777	8 005	772	—
721	Traveler accommodation services	10 311	9 337	7 006	6 147	859	3 305	3 190	115	—
722	Food services and drinking places	10 511	9 070	5 039	4 255	784	5 472	4 816	657	—
81	Other services (except public administration)	20 627	19 576	13 737	13 280	457	6 890	6 296	594	—
8111	Automotive repair and maintenance	1 647	1 539	419	366	53	1 228	1 172	56	—
8112, 8113, 8114	Other repair and maintenance	867	766	102	94	8	765	672	93	—
812	Personal and laundry services	2 684	2 467	789	694	95	1 895	1 774	121	—
8131, 8132, 8133, 8134	Religious, grantmaking, social advocacy, civic, and social organizations	13 019	12 677	11 257	10 957	300	1 762	1 720	42	—
8139	Business, professional, labor, political, and similar organizations	2 410	2 126	1 170	1 168	1	1 240	958	282	—
	Structure and equipment expenditures serving multiple industries	3 392	3 308	738	699	39	2 654	2 609	46	—

Note: Detail may not add to total because of rounding.

Table 4d. Relative Standard Errors for Capital Expenditures for Structures and Equipment for Companies With Employees by Industry: 1998 Revised and Restated

[Percent. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	Total expenditures	Total new expenditures	Expenditures for structures			Expenditures for equipment			Not distributed as structures or equipment
				Total	New	Used	Total	New	Used	
	Total expenditures	1.4	1.2	3.8	3.3	17.4	0.7	0.7	3.4	-
	By industry	1.4	1.2	3.8	3.3	17.4	0.7	0.7	3.4	-
113-115	Forestry, fishing, and agricultural services	21.8	24.1	31.7	35.3	70.2	26.9	28.9	16.3	-
113, 114, 115	Forestry, logging, fishing, hunting, trapping, and agricultural support activities	21.8	24.1	31.7	35.3	70.2	26.9	28.9	16.3	-
21	Mining	4.3	4.5	5.9	6.2	14.0	5.3	5.6	13.2	-
2111	Oil and gas extraction	5.8	6.0	6.5	6.7	21.3	11.6	11.9	50.6	-
2121	Coal mining	9.8	10.9	1.3	1.4	3.2	13.0	14.3	14.0	-
2122	Metal ore mining	4.6	4.6	10.2	(D)	(D)	1.1	(D)	(D)	-
2123	Nonmetallic mineral mining and quarrying	5.6	5.7	4.1	4.2	17.8	6.7	6.9	21.4	-
213111, 213112, 213113, 213114, 213115	Support activities for oil and gas operations	7.7	9.2	11.4	3.1	17.9	9.0	10.0	11.8	-
	Support activities for solid mineral operations	25.1	31.5	0.6	(D)	(D)	27.7	(D)	(D)	-
22	Utilities	1.9	1.9	3.1	3.3	4.1	2.0	2.0	6.0	-
2211	Electric power generation, transmission, and distribution	1.5	1.6	2.8	(D)	(D)	1.4	(D)	(D)	-
2212	Natural gas distribution	4.5	4.5	6.2	6.3	27.0	2.2	2.2	7.5	-
2213	Water, sewage, and other systems	25.3	25.7	28.4	(D)	(D)	53.4	(D)	(D)	-
23	Construction	13.8	13.6	48.8	50.7	106.6	6.9	8.5	9.3	-
233	Building, developing, and general contracting	36.8	35.5	54.0	57.1	114.2	8.7	9.5	21.3	-
234	Heavy construction	6.7	7.7	16.9	17.1	43.2	6.9	8.0	13.6	-
235	Special trade contractors	12.3	15.4	19.3	20.6	50.0	12.9	16.1	14.5	-
31-33	Manufacturing	1.3	1.4	5.2	5.4	10.6	1.1	1.1	4.8	-
321, 327, 33	Durable goods industries	1.5	1.5	3.3	3.3	20.7	1.6	1.7	7.2	-
321	Wood product manufacturing	8.3	7.1	7.9	8.9	3.5	9.8	8.3	55.6	-
3271, 3272, 3273, 3274, 3279	Clay and glass products manufacturing	1.6	1.6	2.6	2.6	7.9	1.9	1.9	1.1	-
3311, 3312	Cement, concrete, lime, gypsum, and other nonmetallic mineral product manufacturing	5.9	6.2	9.3	9.5	2.9	7.1	7.5	12.4	-
	Iron and steel mills, ferroalloy manufacturing, and steel product manufacturing from purchased steel	17.6	18.4	24.8	25.2	14.7	19.3	20.2	1.1	-
3313, 3314	Nonferrous metals production and processing	5.3	5.5	13.3	13.7	6.1	5.7	5.9	20.7	-
3315	Ferrous and nonferrous foundries	13.6	14.1	41.2	41.7	0.0	8.2	8.5	13.3	-
332	Fabricated metal product manufacturing	7.6	7.9	22.2	22.9	23.0	7.9	8.2	26.1	-
3331	Agriculture, construction, and mining machinery manufacturing	4.6	4.8	1.6	1.9	0.0	5.3	5.5	12.5	-
3332, 3335, 3339	Industrial, metalworking, and general purpose machinery manufacturing	6.5	6.9	12.1	13.9	12.3	7.5	7.9	2.6	-
3333, 3334	Commercial, service industry, temperature control, and air-flow control machinery manufacturing	6.3	6.4	2.6	2.7	0.1	7.6	7.7	0.1	-
3336	Engine, turbine, and power transmission equipment manufacturing	9.9	10.4	2.6	3.4	0.0	11.0	11.3	14.4	-
3341	Computer and peripheral equipment manufacturing	8.5	8.8	17.8	18.6	23.1	9.6	10.0	0.5	-
3342, 3343	Communications, audio and video equipment manufacturing	1.7	1.7	3.6	3.2	58.3	1.9	1.8	39.3	-
3344	Semiconductor and other electronic component manufacturing	4.7	4.8	2.2	2.4	0.0	5.6	5.7	11.9	-
3345	Navigational, measuring, electromedical, and control instruments manufacturing	5.7	6.1	5.2	6.1	0.0	6.7	7.0	14.0	-
3346	Manufacturing and reproducing magnetic and optical media	5.3	5.3	2.4	2.4	29.7	6.5	6.5	47.5	-
335	Electrical equipment, appliance, and component manufacturing	3.8	3.9	9.6	9.9	27.6	4.1	4.2	20.9	-
3361, 3362, 3363	Motor vehicle, body, trailer, and parts manufacturing	1.0	1.0	4.2	4.2	51.3	1.0	1.0	2.1	-
3364	Aerospace product and parts manufacturing	4.0	0.9	24.7	4.2	192.3	0.7	0.7	6.0	-
3365, 3366, 3369	Other transportation equipment manufacturing	2.0	1.9	5.4	4.3	82.7	2.1	2.1	21.4	-
337	Furniture and related product manufacturing	9.5	9.7	14.3	14.7	0.0	11.6	11.9	58.7	-
3391	Medical equipment and supplies manufacturing	3.7	3.8	2.0	2.1	0.0	4.6	4.6	0.4	-
3399	Other miscellaneous manufacturing	13.3	13.6	13.4	13.8	21.8	16.2	16.6	48.3	-
31, 322-326	Nondurable goods industries	2.5	2.6	9.8	10.3	4.9	1.4	1.4	5.9	-
311	Food manufacturing	2.4	2.5	6.4	6.7	4.5	2.5	2.5	15.7	-
3121	Beverage manufacturing	4.3	4.5	9.7	10.5	1.8	4.7	4.9	8.5	-
3122	Tobacco manufacturing	0.5	0.5	0.4	0.4	(Z)	0.6	0.6	3.3	-
313, 314	Textile mills and textile product mills	7.5	7.8	12.1	13.1	10.5	8.7	8.9	18.4	-
315	Apparel manufacturing	6.4	6.6	3.3	3.6	0.0	8.5	8.7	25.0	-
316	Leather and allied product manufacturing	3.9	3.9	8.4	8.5	56.4	4.3	4.3	45.1	-
322	Paper manufacturing	2.7	2.8	9.2	10.0	0.0	2.7	2.9	5.3	-
323	Printing and related support activities	6.5	6.9	21.7	24.4	38.1	6.7	7.1	21.4	-
324	Petroleum and coal products manufacturing	3.7	3.8	6.5	6.8	16.2	3.3	3.4	14.6	-
3251, 3252	Basic chemical, resin, synthetic rubber, and fiber manufacturing	12.2	12.3	42.0	43.0	0.4	3.2	3.2	35.1	-
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	2.9	3.2	1.4	1.7	0.0	4.0	4.2	8.7	-
3254	Pharmaceutical and medicine manufacturing	0.8	0.8	1.5	1.5	22.5	1.0	1.0	23.9	-
3255, 3256, 3259	Paint, adhesive, soap, and other chemical manufacturing	6.2	6.4	9.3	9.9	2.3	7.3	7.5	9.2	-
326	Plastics and rubber products manufacturing	5.5	5.6	19.5	20.1	10.8	5.6	5.7	23.5	-
42	Wholesale trade	5.7	6.0	7.7	7.9	29.6	7.2	7.6	17.7	-
421	Wholesale trade, durable goods	6.1	6.3	10.6	10.1	49.2	7.1	7.3	28.7	-
422	Wholesale trade, nondurable goods	10.0	10.7	10.7	11.2	34.8	13.9	14.8	17.3	-

Table 4d. **Relative Standard Errors for Capital Expenditures for Structures and Equipment for Companies With Employees by Industry: 1998 Revised and Restated—Con.**

[Percent. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	Total expenditures	Total new expenditures	Expenditures for structures			Expenditures for equipment			Not distributed as structures or equipment
				Total	New	Used	Total	New	Used	
44-45	Retail trade	1.9	1.9	2.7	2.5	17.1	2.7	2.7	15.0	—
441	Motor vehicle and parts dealers	10.0	10.1	20.1	19.7	119.7	10.5	11.0	30.0	—
443	Electronics and appliance stores	7.3	7.5	11.2	11.8	10.9	9.1	9.3	22.1	—
445	Food and beverage stores	2.4	2.6	3.5	3.8	8.3	3.2	3.4	9.5	—
448	Clothing and clothing accessories stores	4.5	4.6	7.6	7.8	9.9	4.9	4.9	48.5	—
452	General merchandise stores	1.7	0.7	3.3	1.3	80.4	0.6	0.6	13.7	—
454	Nonstore retailers	15.4	15.9	5.7	5.8	25.9	19.1	19.8	51.3	—
442, 444, 446, 447, 451, 453	Other retail trade stores, including gasoline stations	4.1	3.9	5.5	5.0	51.6	5.9	5.8	30.2	—
48-49	Transportation and warehousing	2.1	2.1	1.4	1.5	2.0	2.7	2.8	9.2	—
481	Air transportation	2.2	0.8	0.7	0.8	0.0	2.4	0.8	14.6	—
482	Rail transportation	0.5	0.2	0.3	0.3	23.7	1.5	0.2	19.3	—
483	Water transportation	4.2	4.5	10.0	10.9	0.0	4.3	4.6	7.6	—
484	Truck transportation	8.7	9.4	6.8	7.4	3.5	9.2	10.0	22.6	—
485	Transit and ground passenger transportation	9.3	9.2	11.0	11.2	17.6	10.5	10.4	47.7	—
4861, 4869	Pipeline transportation of crude oil, refined petroleum, and miscellaneous products, except natural gas	7.3	9.0	8.9	(D)	(D)	0.6	(D)	(D)	—
4862	Pipeline transportation of natural gas	2.4	2.6	3.5	3.8	0.5	2.3	2.3	6.4	—
487	Scenic and sightseeing transportation	33.2	36.2	46.1	46.1	(Z)	41.5	46.8	42.7	—
488	Support activities for transportation	11.8	13.0	14.0	14.3	0.7	15.3	17.5	21.6	—
492	Couriers and messengers	0.5	0.5	3.7	(D)	(D)	0.3	(D)	(D)	—
493	Warehousing and storage	22.8	24.8	11.1	12.8	9.6	37.1	39.0	44.9	—
51	Information	2.0	2.1	4.8	4.8	14.2	2.2	2.2	7.1	—
5111	Newspaper, periodical, book, and database publishers	4.1	3.9	10.6	9.8	99.5	4.0	4.0	0.2	—
5112	Software publishers	13.2	13.5	5.6	6.0	0.5	15.9	16.2	4.8	—
512	Motion picture and sound recording industries	6.3	6.4	3.9	4.0	0.9	10.8	10.9	48.2	—
5131	Radio and television broadcasting	8.5	9.1	5.0	5.6	0.0	10.2	10.7	30.9	—
5132	Cable networks and program distribution	6.6	7.0	3.3	3.4	10.1	11.4	12.2	1.7	—
51331	Wired telecommunications carriers	0.8	0.8	2.0	2.0	73.6	0.8	0.8	9.3	—
51332	Wireless telecommunications carriers (except satellite)	3.1	3.1	7.8	7.8	0.0	3.0	3.0	22.6	—
51333, 51334, 51339	Telecommunications resellers, satellite, and other telecommunications	25.5	25.5	53.7	53.7	0.0	27.2	27.2	6.9	—
5141	Information services	32.6	33.2	29.1	29.3	63.2	38.3	39.1	99.1	—
5142	Data processing services	6.0	6.2	19.3	20.3	4.6	6.3	6.5	0.0	—
52	Finance and insurance	3.6	2.1	15.4	13.0	34.5	0.6	0.6	4.1	—
521	Monetary authorities—central bank	5.2	0.1	9.1	(D)	(D)	0.0	(D)	(D)	—
5221	Depository credit intermediation	3.0	3.2	6.2	6.9	12.5	2.5	2.6	3.2	—
5222	Nondepository credit intermediation	0.3	0.3	16.5	17.6	9.9	0.3	0.3	1.1	—
5223	Activities related to credit intermediation	5.0	5.1	10.4	(D)	(D)	5.3	(D)	(D)	—
523	Securities, commodity contracts, and other financial investments and related activities	5.3	5.8	3.2	2.4	9.2	7.5	7.5	7.9	—
5241	Insurance carriers	1.2	1.4	3.5	4.7	0.2	0.8	0.8	0.1	—
5242	Agencies, brokerages, and other insurance related activities	8.8	9.0	14.7	14.9	56.6	10.3	10.5	45.9	—
5251, 5259	Funds, trusts, and other financial vehicles	33.2	42.4	34.1	44.8	47.9	32.1	34.6	78.6	—
53	Real estate and rental and leasing	9.3	7.6	21.3	23.9	41.8	2.3	2.3	13.3	—
531	Real estate	20.2	22.3	21.9	24.9	41.9	19.7	20.9	42.5	—
5321	Automotive equipment rental and leasing	2.5	2.5	0.7	0.7	3.9	2.5	2.5	26.1	—
5322, 5323	Consumer goods and general rental centers	7.6	7.9	9.3	9.4	55.9	8.8	9.2	22.4	—
5324	Commercial and industrial machinery and equipment rental and leasing	3.5	3.7	17.5	17.0	82.9	3.6	3.7	10.2	—
533	Lessors of nonfinancial intangible assets	3.3	2.3	6.0	3.4	53.7	3.0	3.0	77.2	—
54	Professional, scientific, and technical services	3.1	3.1	7.2	7.5	27.7	3.3	3.3	28.3	—
5411	Legal services	9.3	9.5	15.2	16.3	4.3	10.9	11.1	55.3	—
5412	Accounting, tax preparation, bookkeeping and payroll services	8.7	8.9	5.2	(D)	(D)	9.9	(D)	(D)	—
5413	Architectural, engineering, and related services	5.8	4.8	6.4	5.1	55.0	7.4	6.1	75.7	—
5414	Specialized design services	29.9	30.9	40.2	(D)	(D)	36.5	(D)	(D)	—
5415	Computer systems design and related services	5.1	5.1	20.6	20.9	5.1	4.8	4.8	43.8	—
5416	Management, scientific, and technical consulting services	5.4	5.5	12.9	12.9	40.3	5.9	5.9	24.8	—
5417	Scientific research and development services	12.5	12.8	22.2	23.2	0.0	15.0	15.4	52.1	—
5418	Advertising and related services	15.8	16.4	27.1	27.5	88.9	19.5	20.3	22.4	—
5419	Other professional, scientific, and technical services	16.4	17.3	32.2	36.3	60.6	19.0	19.6	65.1	—
55	Management of companies and enterprises	14.7	12.8	27.2	19.0	72.4	16.1	16.7	9.9	—
551	Management of companies and enterprises	14.7	12.8	27.2	19.0	72.4	16.1	16.7	9.9	—
56	Administrative and support and waste management	5.6	5.2	11.0	7.6	68.9	6.4	6.6	20.2	—
5614	Business support services	11.1	11.3	7.8	7.6	50.6	14.6	14.8	1.3	—
5615	Travel arrangement and reservation services	19.4	20.6	17.9	4.2	80.7	23.0	24.0	12.8	—
5616, 5617	Investigation, security, and services to buildings and dwellings	12.5	13.3	16.9	17.5	68.0	14.0	14.9	27.6	—
5611, 5612, 5613, 5619	Office administrative, facilities, employment, and other support services	10.3	6.9	23.2	13.0	86.4	8.0	8.0	49.4	—
5621, 5622	Waste collection, treatment, and disposal	9.6	9.9	5.1	(D)	(D)	17.5	(D)	(D)	—
5629	Remediation and other waste management services	35.5	37.3	83.6	(D)	(D)	18.9	(D)	(D)	—
61	Educational services	7.8	8.1	10.8	11.2	27.8	7.1	7.2	34.3	—
611	Educational services	7.8	8.1	10.8	11.2	27.8	7.1	7.2	34.3	—

Table 4d. **Relative Standard Errors for Capital Expenditures for Structures and Equipment for Companies With Employees by Industry: 1998 Revised and Restated—Con.**

[Percent. For meaning of abbreviations and symbols, see introductory text. See Appendix A for definition of terms]

NAICS code	Industry	Total expenditures	Total new expenditures	Expenditures for structures			Expenditures for equipment			Not distributed as structures or equipment
				Total	New	Used	Total	New	Used	
62	Health care and social assistance . . .	2.1	2.1	3.6	3.7	14.2	2.1	2.2	11.7	—
6211	Offices of physicians	10.1	10.7	18.1	19.6	4.1	12.1	12.6	22.0	—
6212, 6213	Offices of dentists and other health practitioners	13.4	13.6	31.4	33.2	95.8	12.4	12.4	70.6	—
6215	Medical and diagnostic laboratories	23.8	24.6	3.8	3.9	0.0	28.0	29.0	45.3	—
6216	Home health care services	6.2	6.3	16.0	17.5	38.9	6.5	6.6	53.9	—
6214, 6219	Outpatient care centers and other ambulatory health care services	9.4	4.9	19.3	8.9	73.1	5.4	5.7	8.7	—
6221	General medical and surgical hospitals	0.6	0.7	1.0	1.1	0.9	0.8	0.8	0.9	—
6222, 6223	Psychiatric, substance abuse, and specialty hospitals	7.2	7.3	11.8	12.0	59.0	5.6	5.6	1.2	—
623	Nursing and residential care facilities	8.9	9.8	11.6	12.9	17.6	6.7	7.0	13.7	—
624 (except 6244)	Social assistance (except child day care services)	13.2	12.9	18.9	20.0	40.9	12.7	13.1	8.3	—
6244	Child day care services	17.9	17.7	26.8	27.9	76.5	16.0	16.3	58.4	—
71	Arts, entertainment, and recreation	5.4	5.6	8.7	8.9	47.1	5.3	5.5	17.3	—
711	Performing arts, spectator sports, and related industries	5.8	6.1	9.0	9.4	20.9	6.3	6.2	24.3	—
712	Museums, historical sites, and similar institutions	13.0	13.2	15.7	15.8	13.6	12.7	12.9	74.7	—
713	Amusement, gambling, and recreation industries	6.9	7.0	12.1	12.4	58.9	6.4	6.6	23.5	—
72	Accommodation and food services	5.2	5.7	8.2	9.2	13.6	5.2	5.2	24.2	—
721	Traveler accommodation services	8.0	8.9	11.6	13.2	0.9	5.0	5.1	24.2	—
722	Food services and drinking places	6.7	7.1	11.1	12.1	28.4	7.8	8.0	28.2	—
81	Other services (except public administration)	21.0	22.0	31.3	32.4	37.7	7.1	6.5	44.8	—
8111	Automotive repair and maintenance	12.5	13.2	22.6	24.2	64.1	14.9	15.6	32.9	—
8112, 8113, 8114	Other repair and maintenance	8.0	8.0	18.5	19.6	55.8	8.8	8.7	35.0	—
812	Personal and laundry services	8.6	8.9	14.9	16.9	7.6	10.4	10.4	56.4	—
8131, 8132, 8133, 8134	Religious, grantmaking, social advocacy, civic, and social organizations	33.0	33.8	38.0	39.1	56.4	15.2	15.5	47.9	—
8139	Business, professional, labor, political, and similar organizations	23.4	23.6	40.2	40.2	0.0	25.1	18.8	89.9	—
	Structure and equipment expenditures serving multiple industries	0.6	0.6	0.9	1.0	0.1	0.7	0.7	1.5	—

Appendix A.

Definition of Terms

CAPITAL EXPENDITURES

Capital expenditures include all expenditures during the year for both new and used structures and equipment chargeable to asset accounts for which depreciation or amortization accounts are ordinarily maintained. For projects lasting longer than 1 year, this definition includes gross additions to construction-in-progress accounts even if the asset was not in use and not yet depreciated. For capital leases, the company using the asset (lessee) is asked to include the cost or present value of the leased assets in the year in which the lease was entered. Also included in capital expenditures are capitalized leasehold improvements and capitalized interest charges on loans used to finance capital projects.

STRUCTURES

Capital expenditures for structures consist of the capitalized costs of buildings and other structures and all necessary expenditures to acquire, construct, and prepare the structure for its intended use. The costs of any machinery and equipment which are an integral or built-in feature of the structure are classified as structures. Also included are major additions and alterations to existing structures and capitalized repairs and improvements to buildings.

New structures include new buildings and other structures not previously owned, as well as buildings and other structures that have been previously owned but not used or occupied. Used structures are buildings and other structures which have been previously owned and occupied.

EQUIPMENT

Capital expenditures for equipment include machinery, furniture and fixtures, computers, and vehicles used in the production and distribution of goods and services. Expenditures for machinery and equipment which are housed in

structures and can be removed or replaced without significantly altering the structure are classified as machinery and equipment.

New equipment consists of machinery and equipment purchased new and equipment produced in the company for use by the company. Used equipment is secondhand machinery and equipment.

OTHER CAPITAL EXPENDITURES

“Other” capital expenditures refers to depreciable and amortizable assets which companies could not classify as structures or equipment because of recordkeeping practices or difficulties interpreting the definitions of structures and equipment.

CAPITAL LEASES

Capital leases consist of new assets acquired under capital lease arrangements entered into during the year. Capital leases are defined by the criteria in the Financial Accounting Standards (FASB) Number 13.

CAPITALIZED INTEREST

Capitalized interest consists of interest charges on loans used to finance capital projects, if consistent with the criteria in the Statement of Financial Accounting Standards (FASB) Number 34. Capitalization occurs only during the period of time to get structures and equipment ready for their intended use (such as long term construction of a factory or equipment).

Note: For a more detailed definition of terms, please refer to the instruction manual in Appendix D.

Appendix B.

Comparisons With Other Estimates of Capital Expenditures

Investment estimates, from the ACES, that appear in this report, are not directly comparable with investment data from other sources. Variations in survey concepts, coverage, definitions, data collection techniques, estimation methodology, and sample designs may contribute to differences among estimates. The following are examples of investment surveys and possible factors contributing to differences between estimates. Data users are cautioned to review technical information from each data source before making comparisons of the estimates.

ECONOMIC CENSUS

The Economic Census is conducted every 5 years for years ending in 2 and 7, and covers nearly all of the U.S. economy in its basic collection of establishment statistics. Total capital expenditures and depreciable assets data are collected for mining, construction, and manufacturing establishments. In addition, capital expenditures for new and used structures and new and used equipment are collected for manufacturing establishments. Differences in the reporting units of the Economic Census and ACES may result in differences in each survey's estimates.

BUSINESS EXPENDITURES SURVEY (BES)

This survey, formerly the Assets and Expenditures Survey (A&E), is conducted as part of the 5-year Economic

Censuses. Data collected include the value of capital expenditures, and operating costs in wholesale, retail, and selected service industries. A sample of companies in those industries report in the BES. Estimates, which are subject to sampling variability, are adjusted based on comparisons of common variables reported in the Economic Censuses of these industries. Sampling methodology differences, including the observation unit, independent processing and editing, variability in respondents completing the forms, and timing of the data collection contribute to variations from the estimates of capital expenditures in ACES.

VALUE OF NEW CONSTRUCTION PUT IN PLACE (VPIP)

Estimates of the value of new construction put in place are compiled from several sources. Estimates for some sectors are based on sample surveys of construction project activity. In addition to sampling variability and coverage, differences in reporting units and respondent interpretation contribute to variations in level and distribution of investment data. Estimates for other sectors depend on data supplied to federal agencies to meet regulatory reporting requirements. Differences in the objectives of the regulatory requirements and the ACES may contribute to differences in estimates.

Appendix C.

Sampling and Estimation Methodologies

The estimates in this report are based on two stratified simple random samples. The ACE-1 sample consists of 44,108 companies with paid employees (determined by the presence of payroll) in 1998. The ACE-2 sample consists of 15,000 businesses without employees. The two sample populations received different survey forms (see Appendix D for an example of each survey form).

The scope of the survey was defined to include all private, nonfarm, domestic companies. Major exclusions from the frame were government-owned operations (including the U.S. Postal Service), foreign-owned operations of domestic companies, establishments located in U.S. Territories, establishments engaged in agricultural production (not agricultural services), and private households.

The 1999 Standard Statistical Establishment List (SSEL) was used to develop the 1999 ACE-1 sample frame. The SSEL is the U.S. Census Bureau's establishment-based database. The database contains records for each physical business entity with payroll located in the United States, including company ownership information and prior-year administrative data. In creating the ACE-1 frame, establishment data in the SSEL file were consolidated to create company-level records. Employment and payroll information was maintained for each six-digit North American Industry Classification System¹ (NAICS) industry in which the company had activity. Next, payroll data for each company-level record were run through an algorithm to assign the company, first to an industry sector (i.e., manufacturing, construction, etc.), then to a subsector (three-digit NAICS code), then to an industry group (four-digit NAICS code), then to an industry (five-digit NAICS code), and finally to an ACES industry code based on the industry. The resulting sample frame contained slightly more than 5.5 million companies.

The 1999 ACE-1 sampling frame consists of a certainty portion and a noncertainty portion. The 15,838 companies with 500 or more employees were selected with certainty. The remaining companies with 1 to 499 employees were then grouped into 133 industry categories. Each industry was then further divided into four strata. Since capital expenditures data were not available on the sampling

frame, prior-year payroll was used as the stratification variable. The stratification methodology resulted in minimizing the sample size subject to a desired level of reliability for each industry. The expected relative standard errors (RSEs) ranged from 1 to 3 percent.

The ACE-2 sample frame was selected from four categories of small businesses.

- Companies with no payroll and no employees on March 12 in the prior year, but with characteristics indicating possible employment during the survey period.
- Companies which had received an Employer Identification (EI) number within the last 2 years, but for which no payroll, employment, or receipts data have yet been received.
- Nonemployer corporations and partnerships.
- Nonemployer sole proprietorships with sales or receipts of \$1,000 or more.

Each of these four categories was treated as a separate stratum. The source of the first two categories of businesses was the 1999 SSEL; the source of the second two categories was the 1998 Nonemployer Database. Companies within each stratum were selected using a simple random sample. From a universe of about 17.1 million businesses, approximately 15,000 businesses were selected

ESTIMATION

Each company selected for the survey has a sample weight which is the inverse of its probability of selection. All sampled companies within the same stratum and industry grouping have the same weight. Weights were increased to adjust for nonresponse. The coverage rate for all companies was 89.3 percent. The coverage rate is calculated by multiplying 100 by the ratio of the capital expenditures of all reporting companies weighted by the original sample weights, to the capital expenditures of all reporting companies weighted by the adjusted-for-nonresponse sample weights. Weight adjustment, publication estimation, and (RSE) estimation are described in the following subsections.

Weight Adjustment

For estimation purposes, each company was placed into 1 of 4 response-related categories:

1. Respondents.

¹North American Industry Classification System (NAICS) – United States, 1997. For sale by National Technical Information Service (NTIS), Springfield, VA 22161. Call NTIS at 1-800-553-6847.

2. Nonrespondents.
3. Not in business.
4. Known duplicates.

A company was considered a respondent or nonrespondent based on whether the company provided sufficient data in items 1 or 2 of the ACE-1 survey form for the ACE-1 segment or item 1 of the ACE-2 survey form for the ACE-2 segment. Companies that went out of business prior to 1999 and duplicates were dropped from the survey. Companies that went out of business during the survey year were kept in the sample and efforts were made to collect data for the period the company was active.

ACE-1 segment. The following discussion assumes 665 strata (strata designation $h = 1, 2, \dots, 665$) which are based on 133 industries, each containing five strata (including the certainty stratum).

The original stratum weights (W_h) were adjusted to compensate for nonresponse. The adjusted weight is computed as follows:

$$W_{h(\text{adj})} = W_h * \frac{(P_{hr} + P_{hn})}{(P_{hr})}$$

where,

$W_{h(\text{adj})}$ is the adjusted stratum weight of the h^{th} stratum

$W_h = \frac{N_h}{n_h}$ is the original stratum weight of the h^{th} stratum

N_h is the population size of the h^{th} stratum

n_h is the sample size of the h^{th} stratum

P_{hr} is the sum of total company payroll for respondent companies in stratum h

P_{hn} is the sum of total company payroll for nonrespondent companies in stratum h

ACE-2 segment. The ACE-2 segment initially was stratified into four strata based on the four small business categories mentioned above. The stratum consisting of “companies with no payroll and no employees on March 12 in the prior year, but with characteristics indicating possible employment during the survey period” was poststratified into two strata. The stratum “companies which had received an Employer Identification (EI) number within the last 2 years, but for which no payroll, employment, or receipts data have yet been received” was poststratified into three strata. In both instances, the poststratification was based on updated administrative-record data that were not available at the time the sample frames were created. This method resulted in seven strata (strata designation $h = 1, 2, \dots, 7$). The stratum population sizes, sample sizes, response counts, and stratum weights for

the five strata resulting from the poststratification were modified accordingly. For these five strata, the following formulas use these modified sizes and weights; for the remaining two strata, the formulas use the original stratum sizes and weights.

The stratum weights (W_h) were adjusted to compensate for nonresponse. The adjusted weight is computed as follows:

$$W_{h(\text{adj})} = W_h \left(\frac{n_h}{r_h} \right) = \frac{N_h}{r_h}$$

where,

$W_{h(\text{adj})}$ is the adjusted stratum weight of the h^{th} stratum

$W_h = \frac{N_h}{n_h}$ is the stratum weight of the h^{th} stratum

N_h is the population size of the h^{th} stratum

n_h is the sample size of the h^{th} stratum

r_h is the number of respondents in the h^{th} stratum

Note: A statistical procedure was used in reweighting extreme outliers to minimize the mean square error of the estimates. Mean square error accounts for both sampling variability and bias.

Publication Estimation

Publication cell estimates were computed by obtaining a weighted sum of reported values for companies treated as respondents. For those strata undergoing nonresponse adjustment, the estimates for X_j are biased, since this method assumes that nonresponse is not a purely random event. No attempt was made to estimate the magnitude of this bias.

ACE-1 segment. The ACE-1 estimates were derived as follows. Each estimated cell total, \hat{X}_j , is of the form

$$\hat{X}_j = \sum_{h=1}^{665} \sum_{i \in h} = (W_{h(\text{adj})} * X_{(j),i,h})$$

where,

$W_{h(\text{adj})}$ is the adjusted weight of the h^{th} stratum

$X_{(j),i,h}$ is the value attributed to the i^{th} company of stratum h , where j is the publication cell of interest.

Note: Although a company was assigned to and sampled in one ACES industry, it could report expenditures in multiple ACES industries. When this occurred, the reported data for all industries were inflated by the weight in the sample industry.

ACE-2 segment. The ACE-2 estimates were derived as follows:

$$\hat{X}_j = \sum_{h=1}^7 \sum_{i \in h} (W_{h(\text{adj})} * X_{(j),i,h})$$

where,

$W_{h(\text{adj})}$ is the adjusted weight of the h^{th} stratum

$X_{(j),i,h}$ is the value attributed to the i^{th} company in stratum h , where j is the publication cell of interest (note, since no industry level estimates are derived for ACE-2 companies, this j will always represent a national-level cell estimate).

Relative Standard Error Estimation

The Relative Standard Error (RSE) is the Standard Error (SE, and denoted by $\hat{\sigma}$ in the formulas) divided by the estimate. It provides a measure of the variation of the data relative to the estimate being made.

The SE is the square root of the variance of the estimated cell total. To estimate the variance, it is necessary to estimate the variance contribution of each of the individual noncertainty strata. For the ACE-1 estimates, there are $h=532$ individual noncertainty strata; for the ACE-2 estimates, there are $h=7$ individual strata. For the combined ACE-1 and ACE-2 national-level estimates presented in Table C-1a, the variance is estimated by summing the corresponding ACE-1 and ACE-2 variance estimates. The variance is estimated by:

$$\hat{\sigma}^2(\hat{X}_j) = \sum_h (N_h * (W_{h(\text{adj})} - 1) * s_{(j),h}^2)$$

where, N_h and $W_{h(\text{adj})}$ are as defined above, and

$$s_{(j),h}^2 = \left(\sum_{i \in h} \frac{X_{(j),i,h}^2}{(r_h - 1)} \right) - \left(\frac{(\sum_{i \in h} X_{(j),i,h})^2}{r_h * (r_h - 1)} \right)$$

where,

$X_{(j),i,h}$ is as defined above

r_h is the number of respondents in stratum h

Finally, the relative standard error of the estimated total, \hat{X}_j , the value appearing in the tables (presented as percentages) is computed as

$$RSE(\hat{X}_j) = \left(\frac{\hat{\sigma}(\hat{X}_j)}{\hat{X}_j} \right) * 100$$

RELIABILITY OF THE ESTIMATES

The data shown in this report are estimated from a sample and will differ from the data which would have been obtained from a complete census. Two types of possible errors are associated with estimates based on data

from sample surveys: sampling errors and nonsampling errors. The accuracy of a survey result depends not only on the sampling errors and nonsampling errors measured but also on the nonsampling errors not explicitly measured. For particular estimates, the total error may considerably exceed the measured errors.

Sampling Variability

The sample used in this survey is one of many possible samples that could have been selected using the sampling methodology described earlier. Each of these possible samples would likely yield different results. The RSE is a measure of the variability among the estimates from these possible samples. The RSE accounts for sampling variability but does not account for nonsampling error or systematic biases in the data. Bias is the difference, averaged over all possible samples of the same design and size, between the estimate and the true value being estimated.

The RSEs presented in the tables can be used to derive the SE of the estimate. The SE can be used to derive interval estimates with prescribed levels of confidence that the interval includes the average results of all samples:

- intervals defined by one SE above and below the sample estimate will contain the true value about 68 percent of the time,
- intervals defined by 1.6 SE above and below the sample estimate will contain the true value about 90 percent of the time,
- intervals defined by two SEs above and below the sample estimate will contain the true value about 95 percent of the time.

The SE of the estimate can be calculated by multiplying the RSE presented in the tables by the corresponding estimate. Note that RSEs in this publication are in percentage form. They must be divided by 100 before being multiplied by the corresponding estimate. For example, using data from Tables 4a and 4b, the SE for total nondurable manufacturing capital expenditures would be calculated as follows:

$$\hat{\sigma}(\hat{X}_j) = \left[\frac{RSE(\hat{X}_j)}{100} \right] * X_j = \left(\frac{2.3}{100} \right) * \$79,845 \text{ million} = \$1,836$$

The 90-percent confidence interval can be constructed by multiplying 1.6 by the SE, adding this value to the estimate to create the upper bound, and subtracting it from the estimate to create the lower bound.

$$\hat{X}_j \pm [1.6 * \hat{\sigma}(\hat{X}_j)]$$

Using data from Table 4a, for nondurable manufacturing capital expenditures, a 90% confidence interval would be calculated as:

$$\$79,845 \text{ million} \pm 1.6(\$1,836) = \$79,845 \pm \$2,938 \text{ million}$$

Nonsampling Error

All surveys and censuses are subject to nonsampling errors. Nonsampling errors can be attributed to many sources: inability to obtain information about all companies in the sample; inability or unwillingness on the part of respondents to provide correct information; response errors; definition difficulties; differences in the interpretation of questions; mistakes in recording or coding the data; and other errors of collection, response, coverage, and estimation for nonresponse.

Explicit measures of the effects of these nonsampling errors are not available. However, to minimize nonsampling error, all reports were reviewed for reasonableness and consistency, and every effort was made to achieve accurate response from all survey participants.

Coverage errors may have a significant effect on the accuracy of estimates for this survey. The SSEL, which forms the basis of our survey universe frame, may not contain all businesses. Also, businesses that are contained in the SSEL may have their payroll misreported.

1998 RESTATEMENT

The 1998 estimates presented in this report are a restatement of the 1998 SIC-based estimates. The 1998 estimates were restated to account for the following:

- Revisions to the 1998 SIC-based estimates
- Restating of the 1998 SIC-based estimates on a NAICS basis
- Change in the 1999 ACE-1 definition

The revisions made to the SIC-based estimates reflect a downward revision of \$2.7 billion. These revisions were due to corrections in the 1998 SIC-based data. After the revisions were made to the SIC-based estimates, the reported SIC-based codes were recoded to NAICS-based industry codes. The recoding process is described below. Once the data were recoded into NAICS-based industry codes, new estimates and variances were derived using the methodology previously described for the 1999 estimates. The new estimate of capital expenditures for companies with employees was then adjusted upward by approximately \$20 billion to account for the change in the ACE-1 sample frame definition. Details of this adjustment are described below.

Recoding to NAICS-Based Industry Codes

Reported Standard Industrial Classification (SIC) industries for 1998 were recoded to the North American Industry Classification System (NAICS) in the following manner:

1. Single location companies were recoded to a NAICS-based industry using industry classification information from the 1997 Economic Census. This process accounted for approximately 20.1 percent of the total restated estimate on a NAICS basis.

2. Multiple location companies that reported a single SIC-based industry in 1998 and a single compatible NAICS-based industry in 1999 were recoded to this 1999 NAICS-based industry for 1998 restating purposes. This process accounted for approximately 19.4 percent of the total restated estimate on a NAICS basis.
3. For multiple location companies not meeting the requirements of Step 2, every location of a sampled company was assigned a NAICS-based industry using a combination of information from the 1997 Economic Census and 1999 SSEL. Payroll for these locations was used to assign a NAICS-based industry code to each SIC-based industry with capital expenditures in 1998. This process accounted for approximately 60.5 percent of the total restated estimate on a NAICS basis.

Change in the ACE-1 Sampling Frame Definition

The 1998 ACE-1 sampling frame consisted of companies with at least one paid employee on March 12. Companies with payroll but no employees on March 12 were in the 1998 ACE-2 frame. In 1999, these companies were moved to the ACE-1 frame. In order to compare the 1998 estimates with the 1999 estimates, the 1998 data were adjusted upward by approximately \$20 billion (the portion of the 1998 ACE-2 estimate represented by companies with payroll and no employment). NAICS-based industry level estimates were computed by using the distribution of similar companies in the 1999 ACES sample. For example, if 20 percent of the 1999 estimate of new structures for companies with payroll and no employment was in coal mining, then 20 percent of the 1998 new structure's estimate was allocated to coal mining. The final restated estimate is as follows:

$$X_{ik} = X'_{ik} + p_{ik} \cdot X_k$$

where,

- X'_{ik} initial NAICS-based estimate in industry I and item k (i.e., new structures, new equipment...)
- p_{ik} percent of the 1999 item k estimate in NAICS industry I
- X_k initial NAICS-based estimate for item k

The final variance is estimated by:

$$\hat{\sigma}^2(X_{ik}) = \hat{\sigma}^2(X'_{ik}) + p_{ik}^2 \hat{\sigma}^2(X_k)$$

where:

- $\hat{\sigma}^2(X_j)$ variance of the initial NAICS-based estimate
- p_{ik} percent of 1999 item k estimate in industry I

Appendix D. Survey Form and Instructions

1999 Annual Capital Expenditures Survey (ACE-1).....	D-2
1999 Instructions, Definitions, and Codes List (ACE-1).....	D-10
1999 Annual Capital Expenditures Survey (ACE-2)	D-19
1999 Instructions and Definitions (ACE-2)	D-21

U.S. DEPARTMENT OF COMMERCE
Economics and Statistics Administration
U.S. CENSUS BUREAU

FORM **ACE-1**
(2-24-2000)

1999 ANNUAL CAPITAL EXPENDITURES SURVEY

Industry Category Codes:

Printed above are the industries in which we believe your company operates. If necessary, correct the above industry category code(s) to reflect your company's operations.

Refer to the list of industry codes and descriptions beginning on page 6 of the Instructions, Definitions, and Codes List manual.

(Please correct any errors in name, address, and ZIP Code.)

NOTICE – Response to this inquiry is **required by law (Title 13, U.S. Code)**. By section 9 of the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

Respondents are not required to respond to any information collection unless it displays a valid approval number from the Office of Management and Budget. This 8-digit number appears at the top of this page.

PLEASE TURN THIS FORM BOOKLET OVER AND BEGIN THE SURVEY ON PAGE 1.

FROM THE DIRECTOR
U.S. CENSUS BUREAU

We are conducting the Annual Capital Expenditures Survey, and we would like you to help by completing the enclosed survey form.

The Census Bureau's Annual Capital Expenditures Survey is a key source of information about our country's economic performance. Business investment in structures and equipment is an important component of Gross Domestic Product. Investment data are useful for identifying business opportunities, product development, and strategic planning.

Title 13 of the United States Code requires you to answer this survey, and it also requires us to keep your response confidential.

We realize that completing this survey is a burden for you. We hope, however, that you appreciate the importance of your response in providing accurate data about our Nation's economic performance. We have limited the survey sample to the fewest possible number of representative firms, and we accept estimates if book figures are not available.

Please review the instructions, complete the form, and return it within 30 days. The instructions can assist you on how to report for each item. Returning your form promptly helps us keep follow-up costs down. If you have any questions or comments, please call us toll-free at **1-800-528-3049**.

Thank you in advance for your cooperation.

Sincerely,



Kenneth Prewitt

Enclosure

DEFINITIONS AND GENERAL INSTRUCTIONS

PLEASE REFER TO THE ENCLOSED INSTRUCTIONS, DEFINITIONS, AND CODES LIST MANUAL BEFORE COMPLETING THE SURVEY.

- SURVEY SCOPE – This survey collects capital expenditures data for nonfarm companies, organizations, and associations operating within the United States. This includes churches and other non-profit organizations, government owned but privately operated organizations, and agricultural services. Agricultural production should be excluded.
- SURVEY PERIOD – Report data for calendar year 1999. **Refer to page 1 of the instruction manual if your records are on a fiscal year basis.**
- **If your company ceased operations during the survey year, complete the form for the period of time the company was in operation.**

- Reasonable estimates are acceptable.

- Report dollar values rounded to thousands.

Example: if figure is	Mill	Thou
\$179,125,628.00 report	179	126

- Please complete and return the form in the envelope provided by the due date shown on the top of the page with your mailing address. **To request another survey form or an extension of time for filing, call 1-800-814-8385** or write to the address below (please include your Census File Number (CFN) located on the top line of the mailing address): U.S. Census Bureau
1201 East Tenth Street
Jeffersonville, IN 47132-0001

- To return the form by FAX, fax to **1-800-438-8040**.
- **If you have any questions regarding this survey or need help completing it, call 1-800-528-3049.**

DEFINITIONS AND GENERAL INSTRUCTIONS

ITEM 1A – DOMESTIC DEPRECIABLE ASSET DATA

DEPRECIABLE ASSETS – New and used buildings, structures, machinery, and equipment for which depreciation or amortization accounts are ordinarily maintained. The value of land development and improvements, as well as exploration and development of mineral properties, are included.

- Exclude*
- Cost of land and depletable assets such as mineral and timber rights;
 - Assets of foreign operations;
 - Assets leased to others under capital lease arrangements;
 - Intangible assets such as patents, copyrights, trademarks, franchises, and goodwill.

CAPITAL EXPENDITURES – All capitalized costs during 1999 for both new and used structures and equipment chargeable to asset accounts, and for which depreciation or amortization accounts are ordinarily maintained.

- Include*
- Expenditures for major additions, alterations, and capitalized repairs to existing structures, whether performed by a contractor or completed in-house;
 - Gross additions during the year to construction-in-progress accounts for projects lasting more than one year, even if the asset was not in use and not yet depreciated;
 - Capitalized computer software
 - Capitalized cost of assets produced or purchased then leased as the lessor under operating leases;
 - Capital costs for feasibility studies, architectural, legal, installation, and engineering fees;
 - Cost of assets acquired under capital leases entered into during the survey year;
 - Expenditures for capitalized improvements made to assets leased from others (leasehold improvements);
 - Expenditures for developmental and exploratory drilling activities, including intangible drilling costs;
 - Capitalized interest charges on loans with which capital projects are financed, if consistent with the Statement of Financial Accounting Standards Board (FASB) Number 34;
 - Value of assets expensed as permitted under Section 179 of the U.S. Internal Revenue Code.
 - Expenditures for land development and improvement, including demolition of buildings, land servicing, and site preparation.

- Exclude*
- Expenditures for structures or equipment by subsidiaries and branches located outside the United States;
 - Value of structures built or work performed by your enterprise on contract to others;
 - Items chargeable as current operating expenses such as cost of maintenance, normal repairs, and supplies;
 - Expenditures for intangible assets such as goodwill, patents, or copyrights;
 - Payments to others for structures and equipment acquired under operating leases or rented;
 - Expenditures for property which is leased to others as part of a capital (full-payout or equity) lease arrangement.

OTHER ADDITIONS AND ACQUISITIONS – Additions to your depreciable asset accounts, including depreciable assets acquired through mergers and acquisitions, if not considered capital expenditures.

ITEM 1B – SALES, OPERATING RECEIPTS, AND REVENUES

- Include*
- Sales, operating receipts, and revenues from taxable operations as well as total revenues from tax-exempt activities. See page 4 of the instruction manual for additional details regarding this item.

PLEASE READ THE ABOVE DEFINITIONS AND GENERAL INSTRUCTIONS BEFORE ANSWERING THE FOLLOWING QUESTIONS

- a. Did this enterprise own any depreciable assets during 1999?
 01 YES – Continue 2 NO – Skip to "Ownership Information" on Page 7.
- b. Did this enterprise make any capital expenditures during 1999?
 02 YES – Continue 2 NO – Complete Item 1, then skip to Page 7.

ITEM 1A Report capital expenditures for all domestic operations of your enterprise, including subsidiaries and divisions. For this report, the terms enterprise and company are used interchangeably. An enterprise is a business, service, or membership organization consisting of one or more establishments under common ownership or control. It includes all establishments of subsidiary companies, where there is more than 50 percent ownership, as well as establishments of firms which the enterprise has the power to direct or cause the direction of management and policies. **Holding companies should report for the entire corporation, including all subsidiaries under their ownership.** If you cannot report consolidated data for the entire enterprise, call 1-800-528-3049 to arrange for special handling. If your company was bought by another company during 1999, complete the form for the part of the year prior to the sale, and enter the name and address of the new owner in the "Ownership Information" section on page 7.

Report the following depreciable asset data for the entire company. Report in thousands of dollars. Exclude land.

Row	Description	(1)	
		Mil	Thou
10	Gross value (original cost) of depreciable assets at beginning of year		
11	Total capital expenditures [If none, enter "0"; this item should be equal to Item 2, Row 20, Column (1)]		
12	Other additions and acquisitions (Please specify in the "Remarks" section on page 7.)		
13	Gross value of retirements and dispositions	<	>
14	Gross value (original cost) of depreciable assets at end of year		
15	Accumulated depreciation and amortization at end of year		

ITEM 1B Report total sales, operating receipts and revenue – include value of all products sold, services rendered, or other receipts and revenues. See page 4 of the instruction manual for additional details regarding this item.

Row	Description	Industry code	Sales, operating receipts and revenue (1)	
			Mil	Thou
16	Total domestic sales, operating receipts, and revenue for the entire company			
	Report the three industries with the largest sales, operating receipts, and revenue in which this company operates. Use the list of industry category codes on page 6 of the instructions to complete the industry code column.			
17	Largest industry			
18	Second largest industry			
19	Third largest industry			

DEFINITIONS AND GENERAL INSTRUCTIONS

ITEM 2 – DOMESTIC CAPITAL EXPENDITURES DATA

Complete Item 2 for the capital expenditures reported in Item 1A, Row 11.

STRUCTURES – Report the capitalized cost of buildings and structures, and all necessary expenditures to acquire, construct, and prepare the structure for its intended use.

- Include*
- Major additions, alterations, and capitalized repairs to existing structures, whether performed by a contractor or completed in-house;
 - Gross additions during the year to construction-in-progress accounts for projects lasting more than one year;
 - Machinery and equipment which are an integral or built-in feature of the structure;
 - Expenditures for land development and improvements such as demolition of buildings, site preparation, and land servicing;
 - Facilities which are built into or fixed to the land such as sidewalks, streets, parking lots, airfields, piers, telephone and power lines, sewers, and petroleum and gas pipelines;
 - Exploration and development of mineral properties such as drilling gas wells, construction of offshore drilling platforms; digging and shoring mines, mine shafts, and mining exploration.

- Exclude*
- Cost of land and depletable assets;
 - Normal maintenance and repairs to existing structures or service facilities.

EQUIPMENT – Report the capitalized cost of machinery and equipment used in the production and distribution of goods and services, and in office functions.

- Include*
- Furniture and fixtures;
 - Transportation equipment such as automobiles, trucks, tractors, aircraft, and ships;
 - Office equipment and machines, including computers;
 - Production machinery.
 - Capitalized computer software

- Exclude*
- Expenditures for items that are expensed such as office supplies;
 - Expenditures for machinery or equipment which are housed in structures and **cannot** be removed or replaced without significantly altering the structure. Examples include electrical work, elevators, heating and cooling systems, and overhead hoists and cranes. See Item 2, STRUCTURES on page 3 of the Instruction manual for additional types of equipment to be included as structures.

OTHER – Report capital expenditures for assets acquired in 1999 that cannot be classified under structures or equipment. (**Do not** report furniture and fixtures, capitalized computer software, and motor vehicles as OTHER; these are considered equipment for this survey.)

- Exclude*
- Cost of land and depletable assets;
 - Intangible assets (i.e. goodwill, patents, etc.).

Note: Allocate construction-in-progress, leasehold improvements, and capitalized interest as structures and equipment where applicable. If you cannot allocate these expenditures as structures or equipment, report them as OTHER and provide a description in Item 3.

NOTE: Furniture and fixtures, computers, and motor vehicles should not be reported as "Other". These should be reported as equipment for the purposes of this survey.

ITEM 2 Report the following domestic capital expenditures data for the entire company. Report in thousands of dollars. Exclude land.

Row	Capital expenditures from Item 1A, Row 11	Total (1)		Structures (2)		Equipment (3)		Other (4)	
		Mil	Thou	Mil	Thou	Mil	Thou	Mil	Thou
20	Total capital expenditures [Total should be equal to Item 1A, Row 11, Column (1)]								
21	New capital expenditures (Include major additions, alterations, and capitalized repairs to existing structures)								
22	Used capital expenditures								

ITEM 3 List the items included in "Other" capital expenditures (Item 2, Row 20, Column 4) and report their value in thousands of dollars.

Row	Description (1)	(2)	
		Mil	Thou
30			
31			
32			

ITEM 4 For new capital expenditures reported in Item 2, Row 21, Column (1), report the estimated cost of assets acquired under capital lease arrangements entered into during the year. Exclude payments for operating leases and capitalized costs of leasehold improvements (see page 5 of the instruction manual for reporting capital leases). Report in thousands of dollars.

41 **TOTAL** _____ ↑

ITEM 5 Report the amount of capitalized interest incurred during the year to produce or construct assets reported as new capital expenditures in Item 2, Row 21, Column (1) (see page 5 of the instruction manual for reporting capitalized interest). Report in thousands of dollars.

51 **TOTAL** _____ ↑

REPORTING PERIOD COVERED

a. Do the reported data cover the calendar year 1999?

95 YES

2 NO - Specify period covered → 3

FROM			TO		
Month	Day	Year	Month	Day	Year

4

OWNERSHIP INFORMATION

a. Was this company in operation on December 31, 1999?

96 YES

2 NO - Give date operations ceased → 3

Month	Day	Year

b. Did the ownership of this company change during the year ending December 31, 1999?

97 YES

Specify date of change → 3
AND fill in c. below ↘

Month	Day	Year

c. Name of new operator/company

97c

Number and street

City

State

ZIP Code

REMARKS

98

Please explain any large or unusual changes to your company's reported domestic capital expenditures.

CERTIFICATION - This report is substantially accurate and has been prepared in accordance with instructions.

Name of person to contact regarding this report (Please print or type)
(1)

Telephone number
(2)

FAX number
(3)

99

Area code

Number

Area code

Number

Signature of authorized official

Date

Please be sure to correct any name, address, and ZIP Code errors on the imprinted address on page 8 of this form booklet.

PLEASE RETURN YOUR COMPLETED FORM TO

U.S. Census Bureau
1201 East 10th Street
Jeffersonville, IN 47132-0001

OR Fax the form to **1-800-438-8040**

THANK YOU FOR YOUR COOPERATION AND ASSISTANCE IN THIS SURVEY.

1999 ANNUAL CAPITAL EXPENDITURES SURVEY INSTRUCTIONS, DEFINITIONS, AND CODES LIST

INTRODUCTION

This manual provides instructions, definitions, and codes to assist you in completing your Annual Capital Expenditures Survey (ACES) report form. **Section I** provides general instructions, definitions, and item specific instructions for reporting in the ACE survey. **Section II** contains the INDUSTRY CATEGORY CODES LIST for the appropriate industry codes used in this survey.

BURDEN HOUR ESTIMATE

Public reporting burden for this collection of information is estimated to range from 2 to 16 hours, averaging 3 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Associate Director of Administration/Comptroller, Attn: Paperwork Reduction Project 0607-0782, Room 3104, Federal Building 3, U.S. Census Bureau, Washington, DC 20233.

PURPOSE OF THE SURVEY

The purpose of this survey is to collect comprehensive and timely information about the nature and level of capital expenditures in the United States. The level of capital expenditures is an important component in the overall assessment of our Nation's productivity. The information you provide will be used to prepare national measures of capital spending and to formulate fiscal and monetary policy.

SECTION I

PART A - GENERAL INSTRUCTIONS

Survey Scope - This survey collects capital expenditures data for nonfarm companies, organizations, and associations operating within the United States. Information for agricultural production operations should be excluded. However, companies performing agricultural services are included.

Information for churches, nonprofit organizations, and organizations that are government owned but privately operated should be included.

Reporting Entity - Report capital expenditures for all domestic operations of your enterprise, including subsidiaries and divisions. For this report, the terms enterprise and company are used interchangeably. An enterprise is a business, service, or membership organization consisting of one or more establishments under common ownership or control. It includes all establishments of subsidiary

companies, where there is more than 50 percent ownership, as well as establishments of firms which the enterprise has the power to direct or cause the direction of management and policies. **Holding companies should report for the entire corporation, including all subsidiaries under their ownership.** If you are unable to consolidate records for the entire company or have any reporting questions, please call 1-800-528-3049. This report form will be used by companies having activity in one or more industries; therefore, not all items will apply to all companies. For purposes of this survey, exclude data for Puerto Rico, the Virgin Islands, and U.S. Territories.

Survey Period - Report data for the calendar year 1999. If calendar year book figures are not available except at considerable cost, reasonable estimates are acceptable. If you cannot provide reasonable estimates on a calendar basis, fiscal year data will be accepted. Indicate on page 7 of the report form the exact dates the data represent if they are not for the calendar year.

If fiscal data are used and your fiscal period ends in January, February, or March, report for the fiscal year ending in 2000. Otherwise, report for the fiscal year ending in 1999.

Estimates Are Acceptable - The data requested on this report form may not correspond to your company's accounting records. If you cannot answer a question from your company records, please provide carefully prepared estimates. If your company did not have any capital expenditures for the 1999 reporting period, enter "0" in the appropriate cell(s).

Mergers and Acquisitions - Such events occurring during the period covered by this report require special attention.

- (a) If your enterprise merged with or acquired another domestic enterprise during the period, include the domestic capital expenditures made by the merged or acquired enterprise since the date of acquisition; the cost to your enterprise for structures and equipment previously owned by the acquired enterprise at the time of the merger or acquisition should be reported as expenditures, only if treated as capital expenditures by your enterprise. Please furnish the date of the acquisition or merger and the name of the acquired enterprise in the "Remarks" section.
- (b) If your enterprise was acquired by another enterprise during the period covered by this report, please furnish the acquisition date and the name and address of the acquiring enterprise in the "Remarks" section. If your enterprise was acquired during the survey year, complete the form for the period of time the enterprise was in operation prior to the acquisition.

Additional Forms – Photocopies of this form are acceptable. If you require additional forms, call 1-800-528-3049 or write to the U.S. Census Bureau, ACES Processing, 1201 East 10th Street, Jeffersonville, IN 47132-0001. Please include your 11 digit Census File Number (CFN) located on the first line of the mailing address.

Alternate Reporting Formats – For information concerning the use of reporting formats other than the report form provided, call 1-800-528-3049.

Filing the Report Form – Return your completed report form in the pre-addressed envelope. If you are not using the pre-addressed envelope, return your report form to the U.S. Census Bureau, 1201 East 10th Street, Jeffersonville, IN 47132-0001 or fax to 1-800-438-8040. Make a copy of the completed report form for your company records.

Filing Extensions – If you cannot complete the survey by the due date shown on page 8 of the report form, you may request an extension of time by writing to the address below (include your 11 digit CFN):

U.S. Census Bureau
1201 East 10th Street or call: 1-800-814-8385.
Jeffersonville, IN 47132-0001

Legal Authority and Confidentiality of Data – Response to this inquiry is required by law (Title 13, United States Code, Sections 182, 224, and 225). By Section 9 of the same law, your report to the Census Bureau is confidential. It will be seen only by sworn Census Bureau employees and used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

Direct any **QUESTIONS** regarding this report form to the U.S. Census Bureau, ATTN: Business Investment Branch, Company Statistics Division, Washington, DC 20233-6400 or call 1-800-528-3049.

PART B – DEFINITIONS

1. CAPITAL EXPENDITURES:

Capital expenditures include all expenditures during the year for both new and used structures and equipment chargeable to asset accounts for which depreciation or amortization accounts are ordinarily maintained.

Include:

- capitalized cost of assets produced or purchased, then leased as the lessor under operating leases;
- capitalized computer software
- all capital costs such as feasibility studies, architectural, legal, installation, and engineering fees, as well as, work done by the company's work force;

- **gross additions during the year to construction-in-progress accounts for projects lasting longer than one year (allocate the additions between structures and equipment in Item 2), even if the asset was not in use and not yet depreciated;**
- estimated cost or present value of assets acquired under capital leases entered into during the survey year (**reported by the lessee**). Capital leases presume a sale and purchase of an asset, and are defined by the criteria in the **Statement of Financial Accounting Standards Board (FASB) Number 13;**
- all capitalized **leasehold improvements** made to assets leased from others. In Item 2, allocate leasehold improvements between structures and equipment based on what is being improved;
- **capitalized interest charges** on loans with which capital projects are financed, if consistent with the **Statement of Financial Accounting Standards Board (FASB) Number 34;**
- values of assets expended as permitted under section 179 of the U.S. Internal Revenue code;
- expenditures for structures and equipment (whether acquired on contract or directly by your enterprise), including items purchased abroad, for installation or use within the United States;
- expenditures for major alterations, capitalized repairs, and improvements;
- expenditures for structures or equipment that are, or will be, leased or rented to others;
- expenditures made by your firm for structures which, upon completion, were or are to be sold and leased back to your company;
- expenditures for **both developmental and exploratory drilling activities including intangible drilling costs;**
- expenditures for **land development and improvement**, including demolition of buildings, land servicing, and site preparation;
- cost of construction work performed by your own employees (force-account construction work);
- expenditures that are made jointly for both business and personal use, only that portion allocated to business use.

Exclude:

- the cost of maintenance and repairs charged as current operating expenses;
- capital expenditures for structures and equipment by foreign operations;
- reductions for retirements, write-downs, sales, subsidies, or other dispositions of existing assets;
- the value of structures built and other work performed by your enterprise on contract to others;

Exclude – Continued

- items chargeable as current operating expenses such as cost of maintenance (including maintenance contracts), normal and ordinary repairs, and supplies;
- expenditures for intangible assets such as goodwill, patents, or copyrights;
- expenditures for geological and geophysical work by oil companies and similarly off-site mining or general exploration which are not capitalized;
- payments to others for structures and equipment acquired under operating leases or rented;
- expenditures made by your firm or organization (as lessor) for property which is leased to others as part of capital (full-payout or equity) lease arrangements;
- expenditures made by owners of property rented or leased to your firm under operating leases.

2. STRUCTURES:

Structures include the capitalized cost of buildings and structures, and all necessary expenditures to acquire, construct, and prepare the structure for its intended use.

Major additions and alterations to existing structures and capitalized repairs and improvements to buildings should also be included.

The cost of any machinery and equipment which is an integral or built-in feature of the structure should be reported as part of that structure (e.g., assembly line superstructure in an automotive assembly plant). **Expenditures for land development and improvements**, including demolition of buildings, land servicing, and site preparation should also be reported as structures.

Include:

- mechanical and electrical installations such as plumbing, electrical work, elevators, escalators, power plants, heating and cooling systems, sprinkler systems, environmental controls, intercom systems, and other similar building services;
- **site preparation**, including the demolition of buildings and outside construction of fixed structures or facilities such as sidewalks, highways and streets, parking lots, landscaping, utility connections, outdoor lighting, railroad tracks, airfields, piers, wharves and docks, telephone and telegraph lines, radio and television towers, water supply lines, sewers, water and signal towers, electric power distribution and transmission lines, petroleum and gas pipelines, and similar facilities which are built into or fixed to the land;
- installation of boilers, overhead hoists and cranes, blast furnaces, brick kilns, fractionating towers, overhead traveling cranes, shipways, and similar types of structures;

- fixed, largely site-fabricated equipment not housed in a building, primarily for petroleum refineries and chemical plants, but also including storage tanks and refrigeration systems;
- installation of construction materials placed inside a building and used to support production machinery; for example, concrete platforms, overhead steel girders, and pipes to carry liquids from storage tanks;
- drilling gas wells, including construction of offshore drilling platforms; digging and shoring mines, including constructing buildings at mine sites, and expenditures for constructing mine shafts and mining exploration;
- land improvements; exploration and development of mineral properties.

Exclude:

- land acquisition;
- normal maintenance and repairs to existing structures or service facilities such as painting, roofing repairs, and street and highway patching.

3. EQUIPMENT:

Include machinery, furniture and fixtures, computer software, computers, and motor vehicles used in the production and distribution of goods and services and in office functions.

Expenditures for machinery and equipment which are housed in structures and can be removed or replaced without significantly altering the structure are considered machinery and equipment **not** expenditures for structures.

Include:

- capitalized office equipment and machines; computers, furniture and fixtures for offices; cafeteria and warehouse equipment;
- capitalized computer software
- transportation equipment for highway and off-highway use such as automobiles, trucks, and tractors;
- corporate helicopters and aircraft;
- production machinery;
- computer assisted machines that possess the ability to be programmed for a wide variety of functions including robots, numerically controlled machine tool equipment, and individual computerized machines.

PART C – INSTRUCTIONS BY ITEM

ITEM 1 – DOMESTIC DEPRECIABLE ASSET DATA

Report the value of total domestic depreciable assets excluding land and depletable assets. The figure should include structures, equipment, and other depreciable assets. **Report values in thousands of dollars. Enter zeroes where applicable.**

Include:

Value of land development and improvements (such as landscaping, paving, and parking lots) and exploration and development of mineral properties. Expenditures for these items should also be reported as structures in Item 2.

Exclude:

Cost of land and depletable assets (such as mineral or timber rights); current assets (such as inventories, cash, and accounts receivable); assets of foreign operations; assets leased to others under capital lease arrangements; and intangible assets (such as patents, copyrights, trademarks, franchises, and goodwill).

ROWS:

10. Gross value (original cost) of depreciable assets at beginning of year:

Report the original cost of depreciable assets (excluding land) at the beginning of the year.

11. Total capital expenditures:

Report capital expenditures for **depreciable assets** (excluding land) during the year. (See Part B – DEFINITIONS on page 2 of this booklet.)

12. Other additions and acquisitions:

Report other depreciable assets acquired through additions, acquisitions, and mergers during the year at fair market value, **if these are not considered capital expenditures**. Please explain such additions in the "Remarks" section on page 7 of the report form.

13. Gross value of retirements and dispositions:

Report the original cost of depreciable assets (excluding land) sold, retired, scrapped, or destroyed during the year. Include assets considered sold under capital lease arrangements which, prior to the lease, were subject to depreciation by the lessor.

14. Gross value (original cost) of depreciable assets at end of year:

Report the original cost of depreciable assets (excluding land) at the end of the year. The entry in Row 14 should equal beginning of year assets (Row 10) + capital expenditures (Row 11) + other additions (Row 12) – retirements (Row 13). Please explain any discrepancies or imbalances in the "Remarks" section.

15. Accumulated depreciation and amortization at end of year:

Report year-end accumulated depreciation and amortization charges for depreciable assets excluding land. Include charges against depreciable assets acquired during the year.

16. Total domestic sales, operating receipts, and revenue:

Report sales, operating receipts, and revenue at the end of the year for goods produced, distributed, or services provided. Include revenue from investments, rents, and royalties only if it is the principal business activity of the company, for example: finance, insurance, and real estate companies. **(Report in thousands of dollars)**

Include all operating receipts from taxable operations, as well as, total revenue from tax-exempt activities (contributions, gifts, grants, etc.). Report revenues from customers outside the company including sales of products and services to other companies, individuals, U.S. Government agencies, and foreign customers. Include transfers to foreign subsidiaries.

Exclude domestic intra-enterprise transfers, sales by foreign subsidiaries, freight charges and excise taxes.

17–19. Industries with the highest domestic sales, operating receipts, and revenue:

Enter the industry category code(s) in which your company operated. If the company is involved in more than three industry activities, report those industries with the highest sales. See the "Industry Category Codes List" (page 6) for the appropriate 4-digit industry code(s). Central Administrative Office Activity Code 9900 should not be used in this item. **(Report in thousands of dollars)**

ITEM 2 – DOMESTIC CAPITAL EXPENDITURES DATA

COLUMNS:

1. Total:

Report the value of total capital expenditures for depreciable assets (excluding land) in Column (1). The figure in Column (1) should include structures, equipment, and other depreciable assets. The value in Item 2, Row 20, Column (1) should be the same as Item 1A, Row 11. **Report values in thousands of dollars. Enter zeroes where applicable.**

2. Structures:

Report the value of capital expenditures for structures in Column (2). The values in Column (2) should be **included in Column (1)**.

3. Equipment:

Report the value of capital expenditures for equipment in Column (3). The values in Column (3) should be **included in Column (1)**.

4. Other:

Report the value of depreciable and amortizable assets that you are unable to categorize as structures or equipment in Column (4). The values in Column (4) should be **included in Column (1)**.

Include expenditures for construction-in-progress, leasehold improvements, and capitalized interest that you are unable to categorize as structures and equipment. Report land improvements as structures. Report furniture and fixtures, capitalized computer software, computers, and automobiles as equipment. This column **excludes** the cost of land and depletable assets. **Do not** report intangible assets.

ROWS:

20. Total capital expenditures:

Report capital expenditures for **depreciable assets** during the year by column category.

21. New capital expenditures:

Report capital expenditures for new buildings and other structures, structures that have been previously owned but not used or occupied, new machinery and equipment, and other new depreciable assets. **Remodeling, renovation, or modernization** of existing facility should be reported as new structures.

22. Used capital expenditures:

Report capital expenditures for buildings and other structures which have been previously owned and occupied, machinery and secondhand equipment, and other used depreciable assets.

ITEM 3 – OTHER CAPITAL EXPENDITURES

Describe depreciable assets included as "Other" capital expenditures in Item 2, Row 20, Column (4). "Other" capital expenditures refer to depreciable and amortizable assets that you were unable to categorize as structures or equipment.

Do not report land, depletable assets, and intangible assets (such as patents, copyrights, trademarks, franchises, and goodwill) as "Other" capital expenditures. Report furniture and fixtures, capitalized computer software, computers, and motor vehicles as equipment. Report additions to construction-in-progress, capitalized interest, and leasehold improvements as structures and equipment where applicable.

ITEM 4 – CAPITAL LEASE ARRANGEMENTS

If your company leased new structures and/or equipment and the lease is capitalized by your company, report the cost or present value of the structures and equipment acquired in the survey year. Capital leases presume a sale and purchase of an asset, and are defined by the criteria in the **Statement of Financial Accounting Standards Board (FASB) Number 13**. This amount should be reported as capital expenditures in **Item 1A, Row 11 and Item 2, Row 21**.

Exclude periodic payments under capital and operating leases. Also exclude the cost of capitalized improvements your enterprise made to assets leased from others (**leasehold improvements**) in this item. Leasehold improvements should be **reported as capital expenditures in Item 1A, Row 11 and Item 2, Rows 20 and 21**.

ITEM 5 – CAPITALIZED INTEREST

Report the amount of capitalized interest incurred during the year to produce or construct assets reported as **new** capital expenditures, in Item 1A, Row 11 and Item 2, Rows 20 and 21.

Capitalized interest is defined as interest charges on loans with which capital projects are financed, if consistent with the criteria in the **Statement of**

Financial Accounting Standards Board (FASB) Number 34. Capitalization occurs only during the period of time to get structures and equipment ready for their intended use (such as long term construction of a factory or equipment). **Do not** include interest paid to purchase a completed depreciable asset.

ITEM 6 – CAPITAL EXPENDITURES BY INDUSTRY

Complete Item 6 for each industry in which the company had operations and made capital expenditures in 1999. Review the list of company activities printed to the left of the company name and address on page 8 of the report form. These are the industries we expected your company to operate in during 1999. If we expected your operations to include more industry activities than are printed on page 8, we listed additional activities on a continuation sheet for Item 6. If necessary, add, correct, or delete industry codes on page 8 (and the continuation sheet if applicable) to reflect your company's operations in 1999. Refer to the list of **INDUSTRY CATEGORY CODES** (beginning on page 6 of this booklet) to update the list.

With the exception noted below, all companies should complete Item 6. Using the corrected list of company activities on page 8, report the data requested for each industry in which the company made capital expenditures in 1999. Complete a separate row for each industry.

Exception: If only one industry code was printed in the industry category codes section on page 8 and this is the correct industry in which your company operated during 1999, check the box and skip to page 7.

In the "Industry Category Code" column, enter the industry code(s) in which your company made capital expenditures in 1999. List industries which account for the company's total capital expenditures reported in Item 2, Row 20, Column (1).

Allocate expenditures for assets which serve more than one industry such as: central, regional, or divisional administrative functions, payroll and personnel, and research and development. If capital expenditures for these assets cannot be allocated to specific industry categories, report the amount of these capital expenditures as industry code 9900.

Complete the columns as follows:

In Column (0) enter total capital expenditures (excluding land) for each industry category code listed. Of the capital expenditures reported in Column (0), report the amount of those capital expenditures for total structures in Column (1); new structures in Column (2); used structures in Column (3); total equipment in Column (4); new equipment in Column (5); used equipment in Column (6); total other depreciable assets in Column (7); other new depreciable assets in Column (8); and other used depreciable assets in Column (9). Include the value of assets acquired through capital lease arrangements in Columns (0) through (9).

SECTION II – ACES INDUSTRY CATEGORY CODES LIST

INSTRUCTIONS

Use the following industry codes to complete Item 6 as requested on the report form. The North American Industrial Classification System (NAICS) codes are listed for reference only.

INDUSTRY CODE	DESCRIPTION	NAICS CODE(S)	INDUSTRY CODE	DESCRIPTION	NAICS CODE(S)
	Agriculture, Forestry, Fishing and Hunting			Manufacturing – Continued	
1110	Crop and Animal Production	111, 112	3160	Leather and Allied Product Manufacturing	316
1130	Forestry, Logging, Fishing, Hunting, Trapping, and Agricultural Support Activities	113, 114, 115	3210	Wood Product Manufacturing	321
	Mining		3220	Paper Manufacturing	322
2110	Oil and Gas Extraction	2111	3230	Printing and Related Support Activities	323
2121	Coal Mining	2121	3240	Petroleum and Coal Products Manufacturing	324
2122	Metal Ore Mining	2122	3251	Basic Chemical, Resin, Synthetic Rubber, and Fiber Manufacturing	3251, 3252
2123	Nonmetallic Mineral Mining and Quarrying	2123	3253	Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing	3253
2130	Support Activities for Oil and Gas Operations	213111, 213112	3254	Pharmaceutical and Medicine Manufacturing	3254
2131	Support Activities for Solid Mineral Operations	213113, 213114, 213115	3259	Paint, Adhesive, Soap, and Other Chemical Manufacturing	3255, 3256, 3259
	Utilities		3260	Plastics and Rubber Products Manufacturing	326
2211	Electric Power Generation, Transmission and Distribution	2211	3271	Clay and Glass Products Manufacturing	3271, 3272
2212	Natural Gas Distribution	2212	3279	Cement, Concrete, Lime, Gypsum, and Other Nonmetallic Mineral Product Manufacturing	3273, 3274, 3279
2213	Water, Sewage and Other Systems	2213	3311	Iron and Steel Mills, Ferroalloy Manufacturing, and Steel Product Manufacturing from Purchased Steel	3311, 3312
	Construction		3313	Nonferrous Metals Production and Processing	3313, 3314
2330	Building, Developing, and General Contracting	233	3315	Ferrous and Nonferrous Foundries	3315
2340	Heavy Construction	234	3320	Fabricated Metal Product Manufacturing	332
2350	Special Trade Contractors	235	3331	Agriculture, Construction, and Mining Machinery Manufacturing	3331
	Manufacturing		3332	Industrial, Metalworking, and General Purpose Machinery Manufacturing	3332, 3335, 3339
3110	Food Manufacturing	311	3333	Commercial, Service Industry, Temperature Control, and Air- Flow Control Machinery Manufacturing	3333, 3334
3121	Beverage Manufacturing	3121			
3122	Tobacco Manufacturing	3122			
3130	Textile Mills and Textile Product Mills	313, 314			
3150	Apparel Manufacturing	315			

SECTION II – ACES INDUSTRY CATEGORY CODES LIST – Continued

INDUSTRY CODE	DESCRIPTION	NAICS CODE(S)	INDUSTRY CODE	DESCRIPTION	NAICS CODE(S)
	Manufacturing – Continued			Transportation and Warehousing	
3336	Engine, Turbine, and Power Transmission Equipment Manufacturing	3336	4810	Air Transportation	481
3341	Computer and Peripheral Equipment Manufacturing	3341	4820	Rail Transportation	482
3342	Communications, Audio and Video Equipment Manufacturing	3342, 3343	4830	Water Transportation	483
3344	Semiconductor and Other Electronic Component Manufacturing	3344	4840	Truck Transportation	484
3345	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	3345	4850	Transit and Ground Passenger Transportation	485
3346	Manufacturing and Reproducing Magnetic and Optical Media	3346	4861	Pipeline Transportation of Crude Oil, Refined Petroleum, and Miscellaneous Products, except Natural Gas	4861, 4869
3350	Electrical Equipment, Appliance and Component Manufacturing	335	4862	Pipeline Transportation of Natural Gas	4862
3361	Motor Vehicle, Body, Trailer, and Parts Manufacturing	3361, 3362, 3363	4870	Scenic and Sightseeing Transportation	487
3364	Aerospace Product and Parts Manufacturing	3364	4880	Support Activities for Transportation	488
3369	Other Transportation Equipment Manufacturing	3365, 3366, 3369	4920	Couriers and Messengers	492
3370	Furniture and Related Product Manufacturing	337	4930	Warehousing and Storage	493
3391	Medical Equipment and Supplies Manufacturing	3391		Information	
3399	Other Miscellaneous Manufacturing	3399	5111	Newspaper, Periodical, Book, and Database Publishers	5111
	Wholesale Trade		5112	Software Publishers	5112
4210	Wholesale Trade, Durable Goods	421	5120	Motion Picture and Sound Recording Industries	512
4220	Wholesale Trade, Nondurable Goods	422	5131	Radio and Television Broadcasting	5131
	Retail Trade		5132	Cable Networks and Program Distribution	5132
4410	Motor Vehicle and Parts Dealers	441	5133	Wired Telecommunications Carriers	51331
4430	Electronics and Appliance Stores	443	5134	Wireless Telecommunications Carriers (except Satellite)	51332
4450	Food and Beverage Stores	445	5135	Telecommunications Resellers, Satellite and Other Telecommunications	51333, 51334, 51339
4480	Clothing and Clothing Accessories Stores	448	5141	Information Services	5141
4520	General Merchandise Stores	452	5142	Data Processing Services	5142
4540	Nonstore Retailers	454		Finance and Insurance	
4599	Other Retail Trade Stores, including Gasoline Stations	442, 444, 446, 447, 451, 453	5210	Monetary Authorities-Central Bank	521
			5221	Depository Credit Intermediation	5221

SECTION II – ACES INDUSTRY CATEGORY CODES LIST – Continued

INDUSTRY CODE	DESCRIPTION	NAICS CODE(S)	INDUSTRY CODE	DESCRIPTION	NAICS CODE(S)
	Finance and Insurance – Continued			Administrative and Support and Waste Management	
5222	Nondepository Credit Intermediation	5222	5614	Business Support Services	5614
5223	Activities Related to Credit Intermediation	5223	5615	Travel Arrangement and Reservation Services	5615
5230	Securities, Commodity Contracts, and Other Financial Investments and Related Activities	523	5616	Investigation, Security, and Services to Buildings and Dwellings	5616, 5617
5241	Insurance Carriers	5241	5619	Office Administrative, Facilities, Employment, and Other Support Services	5611, 5612, 5613, 5619
5242	Agencies, Brokerages, and Other Insurance Related Activities	5242	5621	Waste Collection, Treatment, and Disposal	5621, 5622
5251	Insurance and Employee Benefit Funds	5251	5629	Remediation and Other Waste Management Services	5629
5259	Other Investment Pools and Funds	5259		Educational Services	
	Real Estate and Rental and Leasing		6110	Educational Services	611
5310	Real Estate	531		Health Care and Social Assistance	
5321	Automotive Equipment Rental and Leasing	5321	6211	Offices of Physicians	6211
5322	Consumer Goods and General Rental Centers	5322, 5323	6212	Offices of Dentists and Other Health Practitioners	6212, 6213
5324	Commercial and Industrial Machinery and Equipment Rental and Leasing	5324	6215	Medical and Diagnostic Laboratories	6215
5330	Lessors of Nonfinancial Intangible Assets	533	6216	Home Health Care Services	6216
	Professional, Scientific, and Technical Services		6219	Outpatient Care Centers and Other Ambulatory Health Care Services	6214, 6219
5411	Legal Services	5411	6221	General Medical and Surgical Hospitals	6221
5412	Accounting, Tax Preparation, Bookkeeping and Payroll Services	5412	6222	Psychiatric, Substance Abuse, and Specialty Hospitals	6222, 6223
5413	Architectural, Engineering, and Related Services	5413	6230	Nursing and Residential Care Facilities	623
5414	Specialized Design Services	5414	6240	Social Assistance (except Child Day Care Services)	624 (except 6244)
5415	Computer Systems Design and Related Services	5415	6244	Child Day Care Services	6244
5416	Management, Scientific, and Technical Consulting Services	5416		Arts, Entertainment, and Recreation	
5417	Scientific Research and Development Services	5417	7110	Performing Arts, Spectator Sports, and Related Industries	711
5418	Advertising and Related Services	5418	7120	Museums, Historical Sites, and Similar Institutions	712
5419	Other Professional, Scientific and Technical Services	5419			
	Management of Companies and Enterprises				
5510	Management of Companies and Enterprises	551			

SECTION II - ACES INDUSTRY CATEGORY CODES LIST - Continued

INDUSTRY CODE	DESCRIPTION	NAICS CODE(S)	INDUSTRY CODE	DESCRIPTION	NAICS CODE(S)
	Arts, Entertainment, and Recreation - Continued				
7130	Amusement, Gambling, and Recreation Industries	713			
	Accommodation and Food Services				
7210	Traveler Accommodation Services	721			
7220	Food Services and Drinking Places	722			
	Other Services (except Public Administration)				
8111	Automotive Repair and Maintenance	8111			
8119	Other Repair and Maintenance	8112, 8113, 8114			
8120	Personal and Laundry Services	812			
8131	Religious, Grantmaking, Social Advocacy, Civic, and Social Organizations	8131, 8132, 8133, 8134			
8139	Business, Professional, Labor, Political, and Similar Organizations	8139			
	Central Administrative Office Activity				
9900	Central Administrative Office Activity Unallocated to Other Industry Categories	N/A			

FORM **ACE-2**
(2-4-2000)

U.S. DEPARTMENT OF COMMERCE
Economics and Statistics Administration
U.S. CENSUS BUREAU

NOTICE – Response to this inquiry is **required by law (Title 13, U.S. Code)**. By section 9 of the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

1999 ANNUAL CAPITAL EXPENDITURES SURVEY

This questionnaire collects capital expenditures information from nonfarm businesses including but not limited to:

- Small employer companies
- Self employed persons
- Independent salespersons (e.g., cosmetic representatives)
- Independent commission workers (e.g., real estate and life insurance salespersons)
- Independent contractors (truckers, private duty nurses, construction contractors)
- Doctors, lawyers, investors, accountants

Even if this questionnaire was mailed to your home address and the business is not located at this address, the form is applicable and must be completed.

(Please correct any errors in name, address, and ZIP Code.)

Respondents are not required to respond to any information collection unless it displays a valid approval number from the Office of Management and Budget. This 8-digit number appears at the top of this page.

PLEASE REFER TO THE ENCLOSED INSTRUCTIONS AND DEFINITIONS PAGE BEFORE COMPLETING THIS SURVEY.

ITEM 1 Report the following capital expenditures data for the entire business. Report dollar values rounded to thousands. Exclude land.

Report capital expenditures your business made during the 1999 reporting period. If your business did not make any capital expenditures enter "0" on the appropriate line(s).	Capital Expenditures for 1999	
	Thousands	Dollars
a. Total Capital Expenditures <i>(The sum of lines b, c, d, and e should equal the value reported in line a.)</i>	201	
b. New Structures (Include major additions, alterations, and capitalized repairs to existing structures)	212	
c. Used Structures	222	
d. New Equipment	213	
e. Used Equipment	223	

ITEM 2 Report the following capital lease data for the entire business. Report in thousands of dollars.

Report the estimated cost of assets acquired under capital lease arrangements entered into during the year. Exclude the value of structures and equipment which you rent and periodic payments made for leased structures and equipment. <i>(For additional information see Item 2 on page 2 of the Instructions and Definitions sheet.)</i>	Capital Lease Arrangements for 1999	
	Thousands	Dollars
	411	

REPORTING PERIOD COVERED

a. Do the reported data cover the calendar year 1999?

95

- 1 YES
- 2 NO – Specify period covered →

FROM		
Month	Day	Year

TO		
Month	Day	Year

OWNERSHIP INFORMATION

a. Was this business in operation on December 31, 1999?

96

- 1 YES
- 2 NO – Give date operations ceased →

Month	Day	Year

b. Did the ownership of this business change during the year ending December 31, 1999?

97

- 1 YES – Specify date of change AND fill in c, below →
- 2 NO

Month	Day	Year

c. Name of new operator/business

97c

Number and street		
City	State	ZIP Code

REMARKS	98	

CERTIFICATION – This report is substantially accurate and has been prepared in accordance with instructions.

Name of person to contact regarding this report <i>(Please print or type)</i> (1)		Telephone number (2)	
99	Area code ()	Number | | | | - | | | | |	
Signature of person completing this report			Date

Please be sure to correct any name, address, and ZIP Code errors to the imprinted address on the front of this survey form.

PLEASE RETURN YOUR COMPLETED FORM TO **U.S. Census Bureau**
1201 East 10th Street
Jeffersonville, IN 47132-0001 **OR** **FAX the form to**
1-800-438-8040

ANNUAL CAPITAL EXPENDITURES SURVEY

FROM THE DIRECTOR
U.S. CENSUS BUREAU

We are conducting the Annual Capital Expenditures Survey, and we would like you to help by completing the enclosed survey form.

The Census Bureau's Annual Capital Expenditures Survey is a key source of information about our country's economic performance. Business investment in structures and equipment is an important component of Gross Domestic Product. Investment data are useful for identifying business opportunities, product development, and strategic planning.

Title 13 of the United States Code requires you to answer this survey, and it also requires us to keep your response confidential.

In order to provide current and useful statistics for small, cyclical, and changing businesses, we need your information, whether or not you made capital expenditures in calendar year 1999.

We realize that completing this survey is a burden for you. We hope, however, that you appreciate the importance of your response in providing accurate data about our Nation's economic performance. We have limited the survey sample to the fewest possible number of representative firms, and we accept estimates if book figures are not available.

Please review the instructions, complete the form, and return it within 30 days. The instructions can assist you on how to report for each item. Returning your form promptly helps us keep follow-up costs down. If you have any questions or comments, please call us toll-free at **1-800-528-3049**.

Thank you in advance for your cooperation.

Sincerely,



Kenneth Prewitt

Enclosure

1999 INSTRUCTIONS AND DEFINITIONS

BURDEN HOUR ESTIMATE

Public reporting burden for this collection of information is estimated to range from less than 1 hour to about 2 hours, averaging 1 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Associate Director of Administration/Comptroller, Attn: Paperwork Reduction Project 0607-0782, Room 3104, Federal Building 3, U.S. Census Bureau, Washington, DC 20233.

SURVEY SCOPE – This survey collects capital expenditures data for nonfarm businesses, organizations, and associations operating within the United States. This survey also includes self-employed individuals. Report capital expenditures for all of your operations that are located in the 50 States and the District of Columbia. Information for agricultural production operations should be excluded.

Survey Period – Report data for the calendar year 1999. If your fiscal year ends between October 31 and February 28, fiscal year figures are acceptable. If calendar year book figures are not available except at considerable cost, reasonable estimates are acceptable. If the data reported are for a period other than the calendar year, indicate the exact period covered on page 2 of the survey form.

Estimates are Acceptable – The data requested on this report may not correspond to your accounting records. If you cannot answer a question from your records, please estimate the answer. Report in thousands of dollars. If your business did not make any capital expenditures for the 1999 reporting period, enter "0" on the appropriate line(s).

Filing the Report – Return your completed report in the pre-addressed envelope. If you are not using the pre-addressed envelope, return your report form to the U.S. Census Bureau, 1201 East 10th Street, Jeffersonville, IN 47132-0001 or fax to 1-800-438-8040. Make a copy of the completed report form for your company records.

Filing Extensions – If you cannot complete the survey by the date shown on the front of the form, request an extension of time by writing to the U.S. Census Bureau, 1201 East 10th Street, Jeffersonville, IN 47132-0001 or call 1-800-814-8385. Please reference your Census File Number (CFN) located on the top line of the mailing address.

Legal Authority and Confidentiality of Data – Response to this inquiry is required by law (Title 13, United States Code, Sections 182, 224, and 225). By Section 9 of the same law, your report to the Census Bureau is confidential. The data will be seen only by sworn Census Bureau employees and used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

Direct any **QUESTIONS** regarding this report form to the U.S. Census Bureau, ATTN: Company Statistics Division, Business Investment Branch, Washington, DC 20233-6400, or call 1-800-528-3049.

HOW TO REPORT

Report capital expenditures in dollar values rounded to thousands.

Example: If figure is \$125,628.00, report	Thou.	Dol.
	126	

Enter zero if expenditures are less than one thousand dollars after rounding.

Item 1

CAPITAL EXPENDITURES – Report expenditures made during the year to purchase structures and equipment for use in your business. Records are ordinarily maintained for these expenditures since they are required to be depreciated for tax purposes. Include the estimated cost of assets acquired as the lessee under capital lease arrangements entered into during the year. See Item 2 instructions below for additional information on capital leases. Assets which your company expensed as permitted under Section 179 of the U.S. Internal Revenue Code should be reported as capital expenditures for purposes of this survey. The requested information may be available from your tax return, accountant, or tax advisor.

Exclude land and items charged as current operating expenses such as cost of maintenance (including maintenance contracts), normal and ordinary repairs, supplies, and rental payments.

If expenditures are made for both business and personal use, report only those for business use.

NEW STRUCTURES – Report capital expenditures for new buildings, offices, and other structures, as well as structures that have been previously owned but not used or occupied.

Include:

- Cost of buildings and all necessary expenditures to acquire, construct, and prepare the structure for its intended use.
- Cost of major additions, alterations, and capitalized repairs to existing structures whether performed by a contractor or completed in-house.
- Cost of any machinery and equipment which is an integral or built-in feature of the structure.

NEW EQUIPMENT – Report capital expenditures for new machinery and equipment.

Include:

- Capital expenditures for new equipment such as machinery, furniture and fixtures, cash registers, fax machines, copy machines, computers, and cars and trucks used in the production and distribution of goods and services and in office functions.
- Expenditures for machinery and equipment which are housed in structures and can be removed or replaced without significantly altering the structure.

USED STRUCTURES AND USED EQUIPMENT – Report capital expenditures for buildings, offices, and other structures which have been previously owned and occupied, secondhand machinery and equipment, and other used structures and equipment.

If you have any questions about what to report or how to classify specific fixed assets, please call us on 1-800-528-3049.

Item 2

CAPITAL LEASES – Report the estimated cost of new structures and equipment acquired as the lessee under capital lease arrangements entered into during the year. Only the person or business to whom a lease is granted (lessee) from others should report here. This value should also be included as a capital expenditure in Item 1 since the purchase of a structure and/or equipment has essentially taken place.

Exclude the value of structures and equipment which you rent (operating leases); and periodic payments made for leased structures and equipment.

If you did not have capital expenditures during 1999, enter zeroes in the appropriate lines of ITEM 1 and complete the back of the form. Please sign and return your form in the enclosed envelope or FAX it to us on 1-800-438-8040.