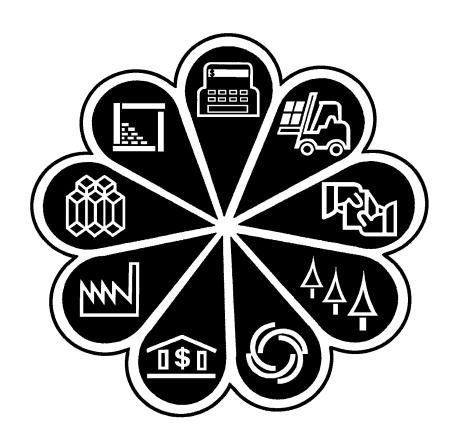
Annual Capital Expenditures: 1994

ACE/94



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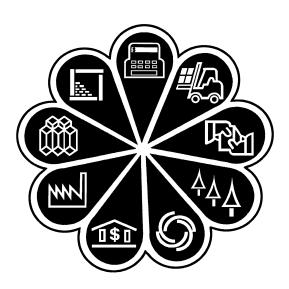
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Annual Capital Expenditures: 1994



Issued September 1996



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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 Bureau of the Census 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 involves conducting annually a basic survey that collects total capital expenditures for new and used structures and equipment from companies with five or more employees. In addition to the basic survey, the following supplemental collections are conducted in various years of the 5-year cycle:

- Small Businesses. Collection of capital expenditures data from businesses with fewer than five employees (including nonemployers) in the first, third, and fifth years of the cycle.
- Structures. Collection of detailed information on expenditures by type of structure in the second year of the cycle.

• **Equipment.** Collection of detailed information on expenditures by type of equipment in the fourth year of the cycle.

Data estimates from the 1993 ACES represented a sample of approximately 29,500 companies with five or more employees and 15,000 businesses with fewer than five employees (including nonemployers). Results of the 1993 ACES were published in September 1995.

The estimates presented in this report are based on 1994 data collected from a sample of approximately 27,600 companies with five or more paid employees. Capital expenditures data are published for 94 industries. For this survey year, respondents were asked to provide detailed information on expenditures by type of structure.

Data for 1995 will represent a newly selected sample of approximately 30,000 nonfarm companies with five or more employees. In addition, total capital expenditures, with no industry detail, will be shown for approximately 15,000 businesses with fewer than five employees. Data collected will include information from the basic survey, as well as small business information from the third supplement of the 5-year cycle. These data will be available early in 1997.

COMPOSITION OF INDUSTRY CATEGORY CODES

The industry categories used in the survey were comprised of two and selected three-digit industries from the Standard Industrial Classification (SIC) Manual: 1987¹. Industry combinations were developed through an analysis of test survey results. This analysis consisted of reviewing the frequency and value of industries reported. Also, consideration was given to related industries for which respondents were unable to separately report. 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

One survey form was used for the 1994 ACES. The ACE-1 form was mailed to a sample of approximately 27,600 companies with five or more employees. Recipients

¹Standard Industrial Classification Manual: 1987. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, Stock No. 041-001-00314-2.

of this survey form 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. An example of this survey form is shown in appendix A.

New structures and equipment include expenditures for new buildings and other structures, structures that have been previously owned but neither used nor occupied, new machinery and equipment, and other new fixed 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 fixed assets.

Respondents were also 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 fixed assets during the survey year. In addition to the basic survey, respondents were also asked to report detailed information on the type of structures acquired during the survey year.

SUMMARY OF FINDINGS

U.S. businesses with five or more employees invested \$549.3 billion for new and used capital goods in 1994, up 12.2 percent over 1993. Purchases of new structures and equipment accounted for \$513.8 billion (93.5 percent of total expenditures). Expenditures for structures alone were \$168.1 billion, with \$155.3 billion (92.4 percent) for new structures.² Spending for equipment was \$376.3 billion,

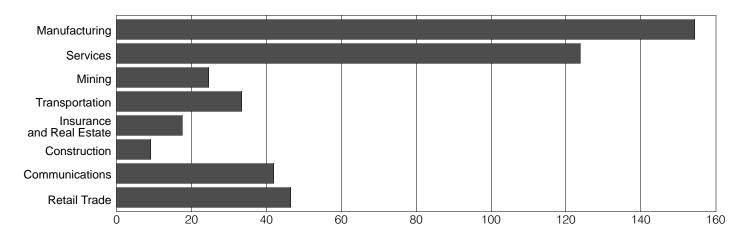
with \$358.5 billion (95.3 percent) for new equipment. U.S. businesses were unable to allocate \$4.8 billion in spending to structures or equipment, new or used. Although total expenditures over all business sectors were divided 68.5 percent for equipment and 30.6 percent for structures, the Mining; Insurance and Real Estate; Health Services; and Membership Organizations, Educational, and Miscellaneous Services sectors spent more for structures than equipment. The chart below shows total capital expenditures by selected business sectors.

Highlights of capital expenditures by business sector:

- Manufacturing. This sector led in investments for capital goods by spending \$154.4 billion (28.1 percent of total expenditures). Of this amount, \$31.5 billion (20.4 percent) was for structures and \$121.9 billion (79 percent) was for equipment. Manufacturing industries spent \$116.3 billion on new equipment, nearly one-third of total new equipment purchases. Investment spending was divided fairly evenly between the Durable Goods and the Nondurable Goods industries, \$79.7 billion and \$74.7 billion, respectively. Among the Durable Goods industries, the Motor Vehicles and Parts industry led other industries by spending \$18 billion. Second in spending was the Communications Equipment and Electronic Components industry with \$14.6 billion. Among the Nondurable Goods industries, the Food Products industry spent \$13.4 billion and the Chemical Products industry spent \$13.1 billion.
- Services. This sector followed manufacturing in investments for capital goods by spending \$123.8 billion (22.5 percent of total capital expenditures). Of this amount, \$40.6 billion (32.8 percent) was for structures and \$82.4 billion (66.6 percent) was for equipment. Rental and Business Services accounted for \$67 billion (54.1 percent), or slightly more than half of Services expenditures. The Automotive and Truck Rental and Leasing

Total Capital Expenditures for Structures and Equipment by Selected Business Sectors

(Billions of dollars)



²In 1994, approximately \$6 billion in structures expenditures for remodeling and renovation were reported as capital expenditures for used structures. These expenditures were reclassified as new structures based on detailed information obtained from the supplemental collection of expenditures by type of structure included in the 1994 survey. It is likely that a similar reporting problem occurred in the 1993 survey data resulting in the underreporting of new structures. A comparable value for 1993 cannot be determined because the detailed supplement of expenditures by type of structure was not conducted for 1993.

industry was the largest contributor to this sector, spending \$27.6 billion. The second largest Services component was Health Services, where the Hospitals industry accounted for \$21.3 billion of the \$31.8 billion spent by the Health Services sector. The remainder of expenditures was by Membership Organizations, Educational, and Miscellaneous Services.

- Mining. This sector spent \$24.6 billion (4.5 percent of total capital expenditures) for capital goods. The Crude Petroleum, Natural Gas, and Natural Gas Liquids industry led other industries in this sector by spending \$16.7 billion.
- Transportation. This sector spent \$33.3 billion (6.1 percent of total capital expenditures) for capital goods.
 Leading this sector in the purchase of capital goods was the Motor Freight Transportation and Warehousing industry, which spent \$12.9 billion.
- Insurance and Real Estate. This sector spent \$17.4 billion (3.2 percent of total capital expenditures) for capital goods, including \$10.4 billion for structures.
- Construction. This sector had the highest percentage of its spending for equipment purchases. Total spending for capital goods was \$9.1 billion (1.7 percent of total capital expenditures), of which \$8.4 billion (92.3 percent) was for equipment. This sector also purchased the largest amount of used equipment as a percentage of industry purchases, spending \$1.3 billion (14.3 percent of total expenditures for Construction).
- Communications. Nearly all spending in this sector was for new capital goods. Total spending was \$41.9 billion (7.6 percent of total capital expenditures), of which \$40.7 billion (97.1 percent) was for new structures and equipment.
- Retail Trade. This sector divided expenditures almost evenly between structures and equipment. Of the \$46.5 billion (8.5 percent of total capital expenditures) spent for capital goods, \$21.3 billion was for structures and \$24.9 billion was for equipment.

Highlights of detailed capital expenditures by structure type:

- Commercial. Expenditures for commercial buildings led other structure types with \$58.5 billion (35.3 percent of total structures expenditures by industry and type). Spending for office and professional buildings was \$19.4 billion, about the same as for stores, shopping centers, and restaurants. The Retail sector led other business sectors by spending \$20.9 billion (35.7 percent) for commercial buildings.
- Industrial. Spending for industrial buildings was second with \$30.2 billion (18.2 percent of total structures expenditures by industry and type). The Manufacturing sector accounted for \$25.5 billion (84.4 percent of total spending for industrial buildings) while the Mining sector spent \$3 billion.

- Utilities. Businesses invested \$25.3 billion (15.3 percent of total structures expenditures by industry and type) for utilities structures. The largest components were power plants, which accounted for \$12.3 billion (48.6 percent of total spending for utilities), and communications structures, which accounted for \$5.6 billion. The Utilities industry spent \$18.5 billion and the Communications industry spent \$5.6 billion to account for virtually all utilities structures investment.
- Other Buildings. Spending for other buildings was \$25 billion (15.1 percent of total structures expenditures by industry and type). The Services sector spent \$24.7 billion (98.8 percent of total spending on other buildings). \$13.7 billion of the total spending on other buildings was for hospitals and medical buildings and \$6.3 billion was for educational buildings.
- Mine Shafts and Wells. Businesses invested \$12.1 billion (7.3 percent of total structures expenditures by industry and type) for mine shafts and wells. Petroleum and natural gas wells accounted for \$8.3 billion of this group.

Highlights of detailed capital expenditures by classification of construction:

Most construction work was performed by outside contractors. Of the \$147.6 billion in construction work reported, \$125.5 billion (85 percent) was performed by contractors and \$22.1 billion (15 percent) by company employees. Slightly more than half of contract construction, or \$70.6 billion (56.3 percent), was for new construction and the remaining \$54.9 billion (43.7 percent) was for remodeling. Company employees accounted for \$13.5 billion of the work on transportation and utilities structures. Approximately half of the construction on buildings of these two structure types was performed by company employees compared with the 15 percent average for all structure types combined.

- Construction of New Facility. Spending for construction of new facilities was \$82.9 billion (50 percent of total structures expenditures by industry and type). Of this amount, \$70.6 billion (85.2 percent) was performed by contract employees and \$12.3 billion by company employees.
- Remodeling, Renovation, and Modernization of Existing Facility. Remodeling, renovation, and modernization spending was second with \$64.7 billion (39 percent of total structures expenditures by industry and type). Of this amount, \$54.9 billion (84.9 percent) was performed by contract employees and \$9.8 billion by company employees. Note: All reconstruction type expenditures are classified as new structures expenditures in table 3.
- Acquisition of Existing Facility. Companies spent \$12.7 billion (7.7 percent of total structures expenditures by industry and type) acquiring used facilities and \$5.4

billion (3.3 percent of total structures spending) acquiring new facilities. Commercial buildings were acquired more frequently than other building types, accounting for \$9.3 billion (51.4 percent of total acquisitions).

The following table displays how structures expenditures were allocated for the five types of structures for which spending was the greatest. These five structure types account for 84.3 percent of structures expenditures that were specified by type of structure.

Percent of Expenditures for New, Remodeled, or Acquired Facilities by Type of Structure

[Percents may not add to 100 because of rounding]

Type of structure	Construction of new facility	Remodeling and renovation	Acquisition of existing facility ¹
Commercial	41	44	16
	51	37	11
	63	33	4
	53	40	6
	77	10	13

¹Existing facilities include both new and used structures. New structures are defined as 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 defined as buildings and other structures which have been previously owned and occupied.

• Most of the spending for commercial structures was split between remodeling and renovation and construction of new facilities. While all other structure types were at 40 percent or less in expenditures for remodeling, 44 percent of expenditures went to remodeling of commercial structures. Similarly, 16 percent of commercial structure expenditures were in the acquisition of existing facilities, while other structure types were at 12 percent or less. On the other hand, only 41 percent of expenditures for commercial structures went to new construction, while no other structure type was less than 50 percent. Most of the spending for mine shafts and wells (77
percent) and utilities (63 percent) was for construction of
new facilities. About half of spending for hospital and
medical facilities and industrial structures was for new
facilities.

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 1994 Annual Capital Expenditures Survey data are available electronically through the Department of Commerce's Economic Bulletin Board (202-482-3870) and through the Census Bureau's online information service — CENDATA. CENDATA is available from Dialog Information Services, Inc. (1-800-334-2564) and Compuserve (1-800-848-8199). The data is also available on the Internet at this address: (http://www.census.gov/ftp/pub/econ). For further information regarding electronic releases, call 301-457-1242.

CONTACT FOR DATA USERS

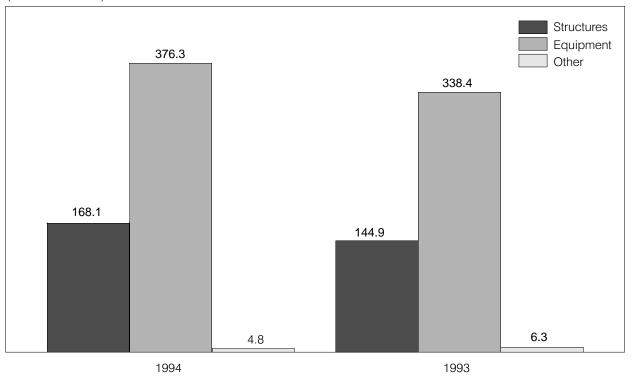
If you have any questions concerning the statistics in this report, call 301-763-2542 or write to:

Bureau of the Census Agriculture and Financial Statistics Division Business Investment Branch, Room 300-20 Iverson Mall Washington, DC 20233

Figure 1. Capital Expenditures for Structures and Equipment for Companies With Five or More Employees: 1994 and 1993

(Billions of dollars)

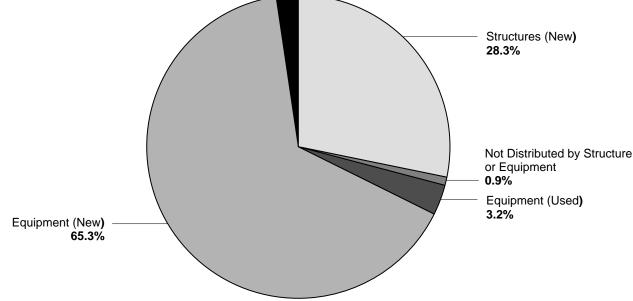
(Percent)



Note: Data presented in this chart are subject to sampling variability and nonsampling error. Source: U.S. Bureau of the Census, Department of Commerce, Annual Capital Expenditures Survey: 1994.

Figure 2. **Capital Expenditures for New and Used Structures and Equipment** for Companies With Five or More Employees: 1994

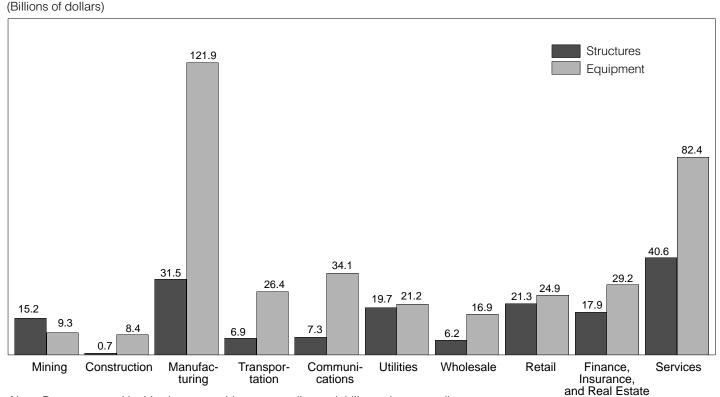




Note: Data presented in this chart are subject to sampling variability and nonsampling error. Source: U.S. Bureau of the Census, Department of Commerce, Annual Capital Expenditures Survey: 1994.

Figure 3.

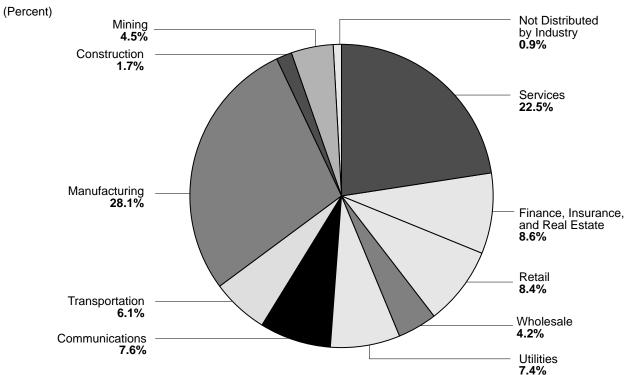
Capital Expenditures by Business Sector for Companies With Five or More Employees: 1994



Note: Data presented in this chart are subject to sampling variability and nonsampling error. Source: U.S. Bureau of the Census, Department of Commerce, *Annual Capital Expenditures Survey: 1994.*

Figure 4.

Percent of Capital Expenditures Distribution by Business Sector for Companies With Five or More Employees: 1994



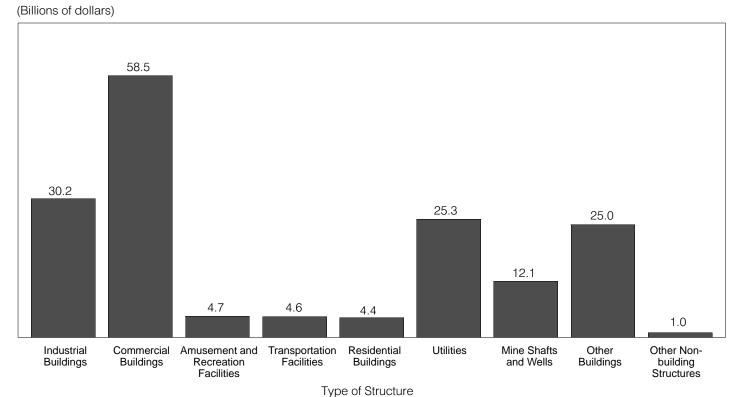
Note: Data presented in this chart are subject to sampling variability and nonsampling error. Source: U.S. Bureau of the Census, Department of Commerce, *Annual Capital Expenditures Survey: 1994.*

Figure 5. Percent of Capital Expenditures for Structures and Equipment by Business Structures Sector for Companies With Five or More Employees: 1994 Equipment (Percent) 100 80 60 40 20 Construction Manufac-Transpor-Communi-Utilities Wholesale Retail Services Mining Finance. Insurance, turing tation cations and Real Estate

Note: Data presented in this chart are subject to sampling variability and nonsampling error. Source: U.S. Bureau of the Census, Department of Commerce, *Annual Capital Expenditures Survey: 1994.*

Figure 6.

Capital Expenditures for Structures by Major Type of Structure for Companies With Five or More Employees: 1994



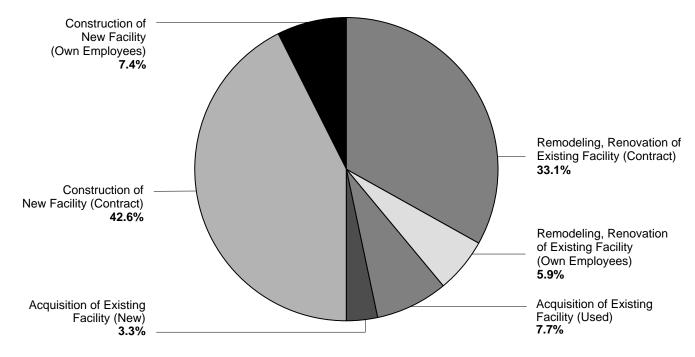
Note: Data presented in this chart are subject to sampling variability and nonsampling error. Source: U.S. Bureau of the Census, Department of Commerce, *Annual Capital Expenditures Survey: 1994.*

8

Figure 7.

Percent of Capital Expenditures for Structures by Structure Classification for Companies With Five or More Employees: 1994

(Percent)



Note: Data presented in this chart are subject to sampling variability and nonsampling error. Source: U.S. Bureau of the Census, Department of Commerce, *Annual Capital Expenditures Survey: 1994.*

Table 1. Capital Expenditures for Structures and Equipment for Companies With Five or More Employees: 1994 and 1993

[Dollar figures are in millions of current dollars. See appendix E for definition of terms. For meaning of abbreviations and symbols, see introductory text]

	19	94	1993			
Capital expenditures	Capital expenditures for companies with five or more employees	Total capital expenditures (percent)	companies with five	Total capital expenditures (percent)		
Total	549,274	100.0	489,682	100.0		
Total structures New Used Not distributed as new or used	· ·	30.6 28.3 2.3	144,918 126,004 18,229 684	29.6 25.7 3.7 0.1		
Total equipment New Used Not distributed as new or used	358,542	68.5 65.3 3.2	338,444 319,681 17,365 1,398	69.1 65.3 3.5 0.3		
Not distributed as structures or equipment	4,833	0.9	6,320	1.3		
Capital leases	12,938	(X)	8,957	(X)		
Capitalized interest	5,382	(X)	6,635	(X)		

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

Table 2. Capital Expenditures for Structures and Equipment for Companies With Five or More Employees, by Industry: 1994

la di cata	Standard Industrial Classifi-			Expendi	tures for str	ructures	Expendi	tures for eq	uipment	Not distributed as
Industry	cation (SIC) code	Total expendi- tures	Total new expendi- tures	Total	New	Used	Total	New	Used	structures or equipment
Total expenditures		549,274	516,995	168,101	155,286	12,814	376,340	358,542	17,798	4,833
Sum of expenditures: By industry		547,859	515,727	168,056	155,250	12,806	376,007	358,224	17,784	3,796
Not distributed by industry		1,415	1,268	45	36	8	333	318	15	(X)
Mining		24,551	22,432	15,186	14,060	1,126	9,251	8,300	951	113
Metal mining Coal mining Crude petroleum, natural gas, and	10 12	2,744 1,797	2,670 1,722	1,388 492	1,381 489	7	1,355 1,306	1,288 1,232	67 73	1 (Z)
natural gas liquids	131, 132 138 14	16,745 1,934 1,330	15,305 1,635 1,100	12,896 217 193	11,896 113 181	1,000 105 12	3,744 1,709 1,137	3,346 1,515 919	399 194 218	105 7 -
Construction		9,114	7,640	745	567	178	8,368	7,072	1,295	1
Building construction contractors Highway and other heavy	15	1,782	1,544	338	273	66	1,443	1,271	172	(Z)
construction	16 17	4,108 3,224	3,357 2,739	190 216	134 160	56 57	3,917 3,008	3,222 2,579	695 428	1 (Z)
Manufacturing		154,415	146,886	31,521	29,647	1,873	121,929	116,325	5,604	965
Durable goods industries Lumber and wood products Furniture and fixtures Stone, clay, glass, and concrete	24 25	79,729 3,346 1,434	75,652 3,134 1,182	13,574 701 283	12,701 667 270	872 35 14	65,863 2,622 1,150	62,672 2,445 912	3,191 177 238	293 23 1
products	32	4,507	4,003	885	716	169	3,620	3,285	335	2
rolling mills	331 333-335	3,375 1,575	3,123 1,405	277 307	246 290	31 17	3,050 1,263	2,837 1,110	213 153	47 4
Miscellaneous primary metal products	332, 336, 339	1,586	1,369	306	266	40	1,278	1,101	177	2
Fabricated metal products Computer and office equipment Industrial and commercial	34 357 351-356,	6,692 4,904	5,996 4,742	1,202 667	1,040 624	162 43	5,455 4,215	4,923 4,099	532 116	34 22
machinery Communications equipment and	358, 359	7,773	7,193	1,215	1,094	121	6,474	6,017	458	84
electronic components Motor vehicles and parts	36 371	14,555 18,027	14,303 17,925	3,503 1,701	3,420 1,672	83 28	11,009 16,320	10,840 16,246	169 74	43 7
Aircraft and parts	372 376 373-375,	2,720 427	2,668 423	516 108	511 (D)	5 (D)	2,199 319	2,151 (D)	48 (D)	6 -
equipmentInstruments and related	379	873	808	204	183	21	653	611	42	16
products	38	5,875	5,467	1,221	1,189	33	4,651	4,276	375	3
products	39	2,062	1,911	478	(D)	(D)	1,583	(D)	(D)	(Z)
Nondurable goods industries Beverages Food products (excluding	208 201-207,	74,685 3,239	71,234 3,142	17,947 848	16,946 793	1,001 55	56,066 2,389	53,653 2,347	2,413 41	673
beverages)	209	13,367	12,315	3,500	3,064	436	9,705	9,122	583	162
Tobacco products	21 22	529 4,611	528 4,390	72 617	72 566	51	457 3,667	455 3,497	1 170	326
products	23 26	1,553 9,464	1,485 8,826	423 925	391 885	32 39	1,129 8,496	1,094 7,900	35 596	(Z) 44
Printing and publishing (except commercial)	271-274, 276-279 275	4,056 3,412	3,940 3,050	759 369	685 354	75 15	3,290 3,039	3,251 2,692	39 347	7 4

Table 2. Capital Expenditures for Structures and Equipment for Companies With Five or More Employees, by Industry: 1994—Con.

	1									
lo di cetto	Standard Industrial Classifi-			Expendi	tures for str	ructures	Expendi	tures for equ	uipment	Not distributed as
Industry	cation (SIC) code	Total expendi- tures	Total new expenditures	Total	New	Used	Total	New	Used	structures or equipment
Manufacturing—Con. Nondurable goods industries—Con.										
Drugs	283 281, 282, 284-287,	6,052	5,872	2,155	2,064	90	3,883	3,793	90	15
Chemical products Petroleum refining and related	289	13,080	12,829	3,137	3,094	43	9,914	9,705	208	29
products	29	7,193	7,015	3,910	3,784	126	3,215	3,162	53	68
plastics products Leather and leather products	30 31	7,917 213	7,636 205	1,180 50	1,143 49	37 2	6,731 152	6,488 147	243 6	5 10
Transportation, communications, and utilities		116,668	110,410	33,966	32,103	1,863	81,600	78,007	3,594	1,102
Transportation	40 41	33,335 5,916 1,434	30,362 5,416 1,315	6,948 3,642 378	6,406 (D) 374	543 (D) 4	26,375 2,274 1,056	23,947 (D) 941	2,428 (D) 115	12 (Z) (Z)
warehousing	42 44 45 46 47	12,923 2,990 7,179 1,333 1,560	12,065 2,575 6,547 1,044 1,399	934 318 506 978 193	884 316 498 (D) 166	50 1 8 (D) 26	11,988 2,672 6,670 350 1,365	11,180 2,259 6,046 (D) 1,233	808 413 624 (D) 132	1 (Z) 3 5
Communications		41,869	40,948	7,338	6,821	517	34,068	33,846	222	463
Telephone and other communications services Radio and television	481, 482, 489	37,080	36,369	5,550	(D)	(D)	31,082	30,933	149	448
broadcasting stations	483, 484	4,789	4,579	1,788	(D)	(D)	2,986	2,913	73	15
Utilities		41,463	39,101	19,679	18,875	804	21,157	20,213	944	626
Electric and gas services Electric power generation, transmission, and distribution.	491	30,858 22,784	29,128 21,656	13,905 11,246	13,335 (D)	570 (D)	16,411 11,494	15,793 (D)	619 (D)	542 44
Combination electric and gas, and other services	493	8,074	7,472	2,659	(D)	(D)	4,918	(D)	(D)	498
Gas, water, and other utilities Gas production and		10,605	9,973	5,774	5,540	234	4,746	4,421	325	84
distribution	492	6,219	6,076	3,290	3,267	23	2,888	2,800	88	41
other utilities Wholesale and retail	494-497	4,386	3,897	2,484	2,273	212	1,858	1,621	237	43
trade		69,958	65,171	27,526	25,643	1,884	41,749	39,188	2,562	683
Wholesale trade		23,452	21,364	6,231	5,504	727	16,893	15,829	1,064	328
supplies Durable goods (except motor	501	2,271	2,129	418	395	23	1,850	1,734	116	3
vehicles)	502-509 514 517	12,353 2,737 1,790	11,106 2,460 1,663	3,059 735 790	2,512 663 782	547 72 8	9,016 1,966 996	8,573 1,794 877	443 172 119	278 35 4
Nondurable goods	511-513, 515, 516, 518, 519	4,301	4,006	1,228	1,152	77	3,065	2,850	215	8

Table 2. Capital Expenditures for Structures and Equipment for Companies With Five or More Employees, by Industry: 1994—Con.

la di cata i	Standard Industrial Classifi-			Expendi	tures for str	ructures	Expendi	tures for eq	uipment	Not distributed as
Industry	cation (SIC) code	Total expendi- tures	Total new expenditures	Total	New	Used	Total	New	Used	structures or equipment
Wholesale and retail trade—Con.										
Retail trade	53 54	46,506 9,677 8,151	43,807 9,571 7,783	21,295 5,066 3,081	20,139 4,989 2,980	1,156 77 101	24,857 4,606 5,023	23,359 4,577 4,762	1,498 29 261	354 5 47
Shoe stores Other retail dealers	56 52, 55, 57-59	3,099 25,579	2,969 23,484	1,225 11,923	1,213 10,956	12 967	1,826 13,402	1,708 12,313	118 1,089	48 254
	37-39	25,579	23,404	11,923	10,930	907	13,402	12,313	1,009	254
Finance, insurance, and real estate		47,148	44,108	17,897	15,493	2,404	29,228	28,592	636	23
Finance		29,768	28,243	7,496	6,309	1,187	22,266	21,927	338	6
Central reserve depository institutions	601 602	239 11,508	235 10,730	57 3,862	(D) 3,243	(D) 619	181 7,646	(D) 7,487	(D) 159	(Z) (Z)
savings and loans)	603 606	1,724 761	1,528 710	827 372	647 332	180 40	897 389	881 377	16 12	(Z) (Z)
Other depository institutions Nondepository credit institutions	608, 609	509 9,843	9,822	126 247	(D) 244	(D) 3	383 9,595	(D) 9,578	(D) 17	(Z)
Security and commodity brokers and services	62	3,341	3,226	1,036	936	100	2,305	2,290	14	(Z)
Holding, charitable trusts, and other investments	67	1,844	1,497	970	736	234	869	756	114	5
Insurance and real estate Life insurance carriers	631 632, 633, 635-637,	17,381 3,579	15,865 3,000	10,401 2,522	9,183 1,972	1,218 550	6,962 1,057	6,665 1,028	298 29	17
Insurance carriers (except life) Insurance agents, brokers, and	639	4,551	4,449	1,311	1,242	69	3,234	3,200	33	6
service	64 65	1,090 8,160	973 7,443	219 6,349	115 5,854	104 495	871 1,801	858 1,579	13 222	(Z) 11
Services		123,823	117,037	40,600	37,216	3,383	82,352	79,234	3,118	872
Rental and business services Hotels and other lodging places Personal services Equipment rental and leasing Computer programming and	70 72 735	67,033 5,036 1,595 8,664	63,897 4,816 1,298 7,855	10,199 3,043 464 111	9,481 2,926 345 92	718 117 119 20	56,578 1,971 1,118 8,550	54,185 1,877 940 7,761	2,393 94 178 789	256 21 13 3
data processing services	737 731-734,	7,496	7,413	658	632	26	6,782	6,725	57	56
Business services	731-734,	4,498	4,120	386	346	41	4,073	3,740	333	39
leasing	751	27,565	27,207	347	342	5	27,218	26,864	354	1
services Miscellaneous repair services Motion pictures, movie theaters,	752-754 76	1,405 660	1,226 499	583 79	506 72	77 7	822 578	719 425	103 154	(Z) 2
and video tape rentals Amusement and recreation	78	2,618	2,541	812	765	47	1,725	1,699	26	81
services	79 07, 08,	6,290	5,802	3,428	3,175	253	2,824	2,597	228	37
and fishing	09	1,205	1,119	287	279	9	916	838	78	2

Table 2. Capital Expenditures for Structures and Equipment for Companies With Five or More Employees, by Industry: 1994—Con.

Industry	Standard Industrial Classifi-			Expend	tures for st	ructures	Expendi	tures for eq	uipment	Not distributed as
	cation (SIC) code	Total expendi- tures	Total new expenditures	Total	New	Used	Total	New	Used	structures or equipment
Services—Con.										
Health services		31,754	30,055	16,855	15,848	1,007	14,551	14,096	455	348
other practitioners Nursing and personal care	801-804	4,258	4,018	1,498	1,374	124	2,753	2,641	111	7
facilitiesHospitalsOther health care and allied	805 806	3,507 21,343	3,213 20,564	2,608 11,835	2,372 11,315	236 521	880 9,321	836 9,154	44 167	18 187
services	807-809	2,647	2,260	914	788	127	1,596	1,463	133	136
Membership organizations, educational, and miscellaneous										
services	81	25,036 1,378	23,085 1,261	13,546 238	11,887 140	1,658 98	11,223 1,124	10,953 1,104	270 20	267 16
libraries	82 83	8,344 2,659	7,916 2,468	5,771 1,847	5,438 1,693	333 154	2,387 810	2,313 774	73 37	187 1
Museums, art galleries, botanical gardens, and zoos Membership and religious	84	850	815	718	694	24	109	98	10	23
organizations	86	4,075	3,938	2,398	2,308	90	1,672	1,626	47	4
other services	87 89	7,116 615	6,104 583	2,392 182	1,452 163	941 19	4,690 432	4,618 419	71 13	34
Structure and equipment expenditures serving										
multiple industries	(X)	2,183	2,043	615	521	94	1,530	1,506	24	37

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

Table 3. Capital Expenditures for Structures by Industry and Type of Structure for Companies With Five or More Employees: 1994

	1				1					
Industry	Total structures	Industrial buildings	Com- mercial buildings	Amuse- ment and recre- ation facilities	Transpor- tation facilities	Resi- dential buildings	Utilities	Mine shafts and wells	Other buildings	Other non- building structures
Total expenditures Sum of expenditures: By industry and type of	168,101	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
structure New Used	165,691 153,021 12,670	30,163 27,738 2,425	58,487 51,962 6,525	4,674 4,315 358	4,561 4,373 187	4,428 4,146 282	25,291 24,386 904	12,115 11,617 498	25,021 23,537 1,484	953 946 7
Not distributed by industry and type of structure	2,409	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Mining: Total structures New Used	15,031 13,905 1,126	3,000 (D) (D)	270 225 45	- - -	6 6 -	9 6 3	104 (D) (D)	11,607 (D) (D)	1 1 -	34 34 -
Construction: Total structures New Used	717 567 150	64 60 4	534 394 140	2 2 -	3 (Z) 3	52 49 3	40 40 -	- - -	(Z) (Z)	22 22 -
Manufacturing (durable): Total structures New Used	12,476 11,658 818	10,806 10,113 693	1,489 1,373 116	(Z) (Z)	10 10 -	(D) (D) 8	38 38 -	(D) (D)	2 2 -	110 110 -
Manufacturing (nondurable): Total structures New	17,922 16,921 1,001	14,655 13,812 843	2,445 2,300 145	6 6 -	20 20 -	(D) 23 (D)	225 221 3	(D) (D)	35 (D) (D)	119 118 1
Transportation: Total structures New Used	6,914 6,372 542	(D) 63 (D)	1,390 1,311 78	(D) (D)	4,449 4,267 182	(D) (D) (D)	(D) 640 (D)	- - -	3 3 -	86 (D) (D)
Communications: Total structures New Used	7,322 6,819 502	- - -	1,439 (D) (D)	299 237 62	(D) (D)	- - -	5,550 5,452 98	- - -	(D) 17 (D)	13 13 -
Utilities: Total structures New Used	19,272 18,471 801	- - -	612 (D) (D)	- - -	36 36 -	- - -	18,502 17,744 758	83 (D) (D)	(Z) (Z)	39 39 -
Wholesale trade: Total structures New Used	6,110 5,396 713	580 576 4	5,437 4,736 701	(D) (D)	(D) (D) (Z)	5 2 3	22 22 -	20 20 -	9 4 5	26 26 (Z)
Retail trade: Total structures New Used	21,049 19,900 1,149	43 43 -	20,857 19,710 1,148	2 2 -	20 20 -	1 (Z) 1	7 7 -	- - -	64 64	54 54 (Z)
Finance: Total structures New Used	7,461 6,274 1,187	16 16	7,287 6,122 1,164	14 7 7	3 3 -	38 24 13	3 3 -	(D) (D)	(D) (D) 1	9 9 (Z)
Insurance and real estate: Total structures New Used	10,359 9,143 1,216	26 (D) (D)	6,655 5,627 1,028	197 190 7	(D) (D)	3,267 3,106 161	2 2 -	(D) (D)	72 (D) (D)	140 140

Table 3. Capital Expenditures for Structures by Industry and Type of Structure for Companies With Five or More Employees: 1994—Con.

Industry	Total structures	Industrial buildings	Com- mercial buildings	Amuse- ment and recre- ation facilities	Transpor- tation facilities	Resi- dential buildings	Utilities	Mine shafts and wells	Other buildings	Other non- building structures
Rental and business services: Total structures New Used	10,114 9,397 716	270 261 9	5,670 5,333 337	3,715 3,434 281	(D) (D) 2	7 6 1	32 32 -	(D) (D)	321 238 83	95 92 3
Health services: Total structures New Used	16,817 15,811 1,006	(D) (D)	706 657 49	4 4 -	(D) (D)	185 167 18	41 41 -	- - -	15,825 14,886 939	54 54 (Z)
Membership organizations, educational, and miscellaneous services: Total structures New Used	13,528 11,877 1,651	370 (D) (D)	3,142 2,028 1,114	428 427 1	3 3 -	807 743 65	43 43 -	(Z) (Z)	8,585 8,147 439	149 (D) (D)
Structure expenditures serving multiple industries: Total structures	601 510 91	32 31 2	553 466 87	- - -	(Z) (Z)	(D) (D)	(D) (D)	- - -	5 3 2	4 4 -

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

Table 4. Capital Expenditures for Structures by Type and Classification of Structure for Companies With Five or More Employees: 1994

				Classifica	ation of expe	nditures for st	ructures	
Description		Total	Construc new fa		Acquisi existing		Remodeling, or modern existing	ization of
	Structure code	expendi- tures for structures	Own employees	Contract	New	Used	Own employees	Contract
Total expenditures		168,101	(X)	(X)	(X)	(X)	(X)	(X)
By industry and type of structure Not distributed by industry		165,691	12,312	70,614	5,419	12,670	9,826	54,851
and type of structure		2,409	(X)	(X)	(X)	(X)	(X)	(X)
Industrial buildings: Manufacturing, processing, and								
assembly plants	110	30,163	761	14,767	919	2,425	1,321	9,971
Commercial buildings	404	58,487	1,357	22,329	2,768	6,525	1,180	24,327
Hotels and motels	121 122	2,830 5,176	14	1,269 1,479	24 85	171 796	77 126	1,276 2,688
Office and professional buildings	123	19,439	292	5,177	1,599	3,129	439	8,804
Automotive facilities	124	2,840	60	1,289	56	164	33	1,238
restaurants	125	19,409	610	9,418	672	1,180	333	7,197
centers (except passenger) Other commercial buildings, not	126	7,399	324	3,059	319	980	144	2,573
elsewhere classified Other commercial buildings, not	127	1,353	55	622	(D)	101	(D)	533
distributed	120	39	-	15	(D)	4	(D)	18
Amusement and recreational facilities		4,674	94	1,822	110	358	266	2,023
Amusement and recreational buildings	131	2,482	21	1,060	89	325	61	928
Amusement and recreational outdoor structures	132	2,191	73	762	21	34	205	1,096
Amusement and recreational facilities, not distributed	130	, - -	_	_	_	-	_	-
Transportation facilities		4,561	789	642	26	187	2,430	486
Transportation buildings, except railroad	141	373	(D)	163	12	(D)	16	163
Nonbuilding transportation, except	4.40	005	_	204			_	40
railroad	142 143	305 3,535	7 (D)	231 199	6 2	6 (D)	7 2,221	49 235
Transportation facilities, not distributed	140	347	60	49	6	8	186	39
Residential buildings		4,428	333	2.406	9	282	19	1,379
Residential structures, single-unit	151	985	310	419	3	208	12	32
Residential structures, multi-unit	152	3,327	22	1,987	2	74	7	1,235
Mobile homes, residential	153 150	117 -		-	3	(Z) -	(Z) -	113 -
Utilities		25,291	6,819	9,007	196	904	3,500	4,864
Power plants, except nuclear	161	10,633	3,588	3,238	(D)	(D)	1,343	1,923
Power plants, nuclear	162	1,702	401	921	-	-	164	216
Sewerage and waste disposal	163	1,811	131	676	46	175	579	205
Water supply and storage systems Oil pumping stations and pipeline	164	941	52	404	12	19	47	407
construction	165	486	24	247	(D)	(D)	48	122
pipeline construction	166	2,691	682	1,161	49	38	217	544
Communications	167 168	5,628 417	1,576 107	2,026 121	54 1	98 9	883 95	990 84
			107	1/1/		9	M:)	04

Table 4. Capital Expenditures for Structures by Type and Classification of Structure for Companies With Five or More Employees: 1994—Con.

				Classifi	cation of expe	nditures for st	ructures	_
Description		Total expendi-	Constru new f		Acquis existing	ition of facility	or moder	, renovation, nization of g facility
	Structure code	tures for structures	Own employees	Contract	New	Used	Own employees	Contract
Mine shafts and wells		12,115	1,820	7,534	1,038	498	363	862
Mine shafts	171	(D)	(D)	709	10	(D)	(D)	99
Petroleum and natural gas wells	172	8,311	797	5,704	682	468	185	474
Other mining and well construction Mine shafts and wells, not	173	2,628	732	1,120	347	(D)	(D)	290
distributed	170	(D)	(D)	-	-	=	-	-
Other buildings		25,021	284	11,746	330	1,484	665	10,512
Religious buildings	181	1,592	11	776	-	47	17	741
Educational buildings	182	6,342	89	2,486	154	306	129	3,178
Hospital and medical buildings	183	13,701	152	7,172	126	720	459	5,072
Special care facilities Other buildings, not elsewhere	184	3,005	28	1,185	50	295	55	1,392
classified	185	381	3	127	(Z)	116	4	130
Other buildings, not distributed	180	-	-	-	-	-	-	-
Other non-building structures		953	55	362	22	7	81	426
control structures	191	72	2	40	-	-	(Z)	30
(non-railroad)	192	118	17	(D)	2	-	(D)	57
elsewhere classified Other non-building structures, not	193	722	37	281	20	6	60	319
distributed	190	41		(D)	-	2	(D)	19

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

Appendix A. **Survey Forms**

Survey forms are not available.

Appendix B. **Survey Instructions**

Survey instructions are not available.

Appendix C.

Sampling and Estimation Methodologies

The estimates in this report are based on a stratified, simple random sample. The ACES sample consists of approximately 27,600 companies with 5 or more paid employees.

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 United States Territories, establishments engaged in agricultural production (not agricultural services), and private households.

The 1994 Standard Statistical Establishment List (SSEL) was used to develop the 1994 ACES sample frame. The SSEL is the Census Bureau's establishment-based database. The database contains records for each physical business entity with paid employees located in the United States, including company ownership information. In creating the frame, establishment data in the SSEL file were consolidated to create company level records. Employment and payroll information were maintained for each four-digit Standard Industrial Classification (SIC) 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 division (i.e., manufacturing, construction, etc.), then to a major group (two-digit SIC), and finally to an ACES industry code based on that major group. The resulting sample frame contained slightly more than 2 million companies.

The 1994 ACES sampling frame was divided into four strata for sampling purposes. Stratum 1 consisted of companies with 500 employees or more. All 14,469 companies in Stratum 1 were selected with certainty in the sample. Strata 2, 3, and 4 consisted of companies with 5 to 499 employees.

The remaining 1994 ACES sample frame company records were grouped by ACES industry code. Then within each group, each company was assigned to one of three noncertainty strata based on size of payroll. The stratification methodology that was used resulted in minimizing the sample size subject to a desired level of reliability for each industry. Approximately 13,100 out of 2 million companies were selected in the noncertainty strata sample. Since capital expenditures data were not available in the sampling frame, the reliability levels for each industry, based on payroll, had an expected Relative Standard Error (RSE) ranging from 1 to 3 percent.

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 response rate was 91.7 percent. Weight adjustment, publication estimation, and RSE estimation are described in the following subsections.

Weight Adjustment

For estimation purposes, each company was placed into one of four response-related categories: respondents, nonrespondents, not in business, and known duplicates.

A company was considered a respondent or nonrespondent based on whether the company provided sufficient data in item 1 or item 2 of the survey form. Companies that went out of business prior to 1994 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.

The following discussion assumes 376 strata (strata designation h = 1,2,...376) which are based on 94 industries, each containing 4 strata relating to company payroll.

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

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

where.

 $W_{h (adj)}$

is the adjusted stratum weight of the hth

 $W_h = \frac{N_h}{n_h}$

is the original stratum weight of the hth stratum.

 P_{hn}

is the population size of the hth stratum, is the sample size of the hth stratum, is the sum of total company payroll for respondent companies in stratum h, is the sum of total company payroll for nonrespondent companies in stratum h.

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.

The publication estimates were derived as follows. Each estimated cell total, $\hat{X}_{i},$ is of the form

$$\hat{X}_{j} = \sum_{h=1}^{376} \sum_{ieh} (W_{h(adj)} * X_{(j),i,h})$$

where,

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

and

 $X_{(j),i,h}$ is the value attributed to the ith 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.

Relative Standard Error Estimation

The RSE is the Standard Error (SE, and denoted by $\ddot{\sigma}$ 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. There are h=282 individual noncertainty strata.

The variance was estimated by:

$$\hat{\sigma}^{2}\left(\hat{X}_{j}\right) = \sum_{h}\left(N_{h} * \left(W_{h(adj)} - 1\right) * s^{2}_{(j),h}\right)$$

where,

 N_h and $W_{h(adj)}$ 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, and r_h is the number of respondents in stratum

Finally, the relative standard error of the estimated total, \hat{X}_{j} , the value appearing in the RSE tables (presented in percentage form), is computed as

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

RELIABILITY OF THE ESTIMATES

The figures shown in this report are estimated from a sample and will differ from the figures 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 RSE's 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:

- a. 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,
- c. intervals defined by two SE 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. Since the RSE's 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 table 2, the SE for total nondurable manufacturing capital expenditures would be calculated as follows:

$$\hat{\sigma}(\hat{X}_j) = \left(\frac{RSE(\hat{X}_j)}{100}\right) * \hat{X}_j = \left(\frac{1.9}{100}\right) * $74,685 \text{ million} = $1,419$$

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.

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

Using data from table 2, for nondurable manufacturing capital expenditures, a 90-percent confidence interval would be calculated as:

 $74,685 \text{ million} \pm 1.6 (\$1,419) = \$74,685 \pm \$2,270 \text{ million}$

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 affect 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.

Table A. Relative Standard Errors for Capital Expenditures for Structures and Equipment: 1994 and 1993

Capital expenditures	1994	1993
Total	0.9	1.3
Total structures	1.8	1.9
New	1.8	1.7
Used	7.7	7.6
Total equipment	0.9	1.6
New	0.9	1.6
Used	4.1	5.7
Capital leases	4.4	4.5
Capitalized interest	2.3	3.2

Table B. Relative Standard Errors for Capital Expenditures by Industry: 1994

Industry	Standard Industrial Classifica-	Total	Total new	Expend	litures for str	uctures	Expenditures for equipment			
muusu y	tion (SIC)	expendi- tures	expendi- tures	Total	New	Used	Total	New	Used	
Total expenditures		0.9	0.9	1.8	1.8	7.7	0.9	0.9	4.1	
Sum of expenditures: By industry		0.9	0.9	1.8	1.8	7.7	0.9	0.9	4.1	
Mining		5.3	5.8	8.1	8.7	7.0	3.4	3.6	7.0	
	10									
Metal mining Coal mining Crude petroleum, natural gas, and	10 12	2.7 5.6	2.1 5.7	2.0 4.0	1.9 4.0	36.1 (Z)	4.0 7.5	3.0 7.7	31.7 12.8	
natural gas liquids	131, 132	7.6	8.3	9.5	10.3	6.9	5.8	6.4	10.0	
Oil and gas field services Nonmetallic minerals (except fuels)	138 14	9.0 7.8	9.9 8.2	19.4 8.2	18.7 8.3	35.6 38.6	9.7 8.6	10.3 9.4	17.8 15.5	
Construction		7.3	8.0	17.5	19.0	33.8	7.6	8.4	14.8	
Building construction contractors Highway and other heavy	15	14.4	14.3	29.5	30.7	51.7	15.0	15.2	26.5	
construction	16 17	13.0 9.4	14.9 10.2	26.9 30.8	32.5 32.5	48.3 73.9	13.3 9.6	15.4 10.3	19.1 30.7	
Manufacturing		1.2	1.1	1.9	1.8	13.8	1.2	1.2	8.6	
Durable goods industries		1.4	1.4	3.2	3.3	15.2	1.4	1.4	7.8	
Lumber and wood products	24	10.1	10.7	5.0	5.3	8.8	12.2	13.0	24.6	
Furniture and fixtures Stone, clay, glass, and concrete	25	13.4	4.6	9.0	9.4	(Z)	16.8	5.6	74.7	
products	32	6.3	6.7	21.0	25.7	39.0	4.8	4.6	18.6	
rolling mills	331	2.8	2.8	13.2	13.0	60.0	2.2	2.2	6.3	
Nonferrous metals products	333-335	9.2	7.2	12.4	13.2	(Z)	9.5	6.2	42.8	
Miscellaneous primary metal products	332, 336, 339	12.7	13.9	33.7	38.6	24.8	9.0	9.3	24.6	
Fabricated metal products	34	9.5	10.4	12.9	12.2	57.4	9.8	10.7	13.1	
Computer and office equipment	357	1.7	1.8	1.1	1.1	6.4	1.9	2.0	(Z)	
Industrial and commercial machinery	351-356, 358, 359	5.7	6.0	12.8	13.5	45.8	5.8	6.0	23.0	
Communications equipment and										
electronic components Motor vehicles and parts	36 371	2.2 1.7	2.1 1.6	3.4 3.5	3.4 3.6	(Z) 18.6	2.7 1.6	2.7	9.0 19.9	
Aircraft and parts	371	1.7	1.0	0.8	0.8	1.2	2.3	1.6 2.4	15.4	
Missiles and space vehicles	376	1.1	1.1	(Z)	(D)	(D)	1.5	(D)	(D)	
Miscellaneous transportation	373-375,			, ,					, ,	
equipment	379	5.1	5.4	9.8	10.7	21.0	5.1	5.3	18.0	
products	38	4.9	4.9	21.1	21.7	(Z)	2.0	2.1	7.3	
products	39	5.9	5.8	13.1	(D)	(D)	6.0	(D)	(D)	
Nondurable goods industries		1.9	1.9	2.3	2.0	22.3	2.2	2.1	16.9	
Beverages	208 201-207,	4.7	3.8	7.8	4.1	78.4	4.2	4.2	28.0	
beverages)	209 21	5.5 (Z)	5.3 (Z)	7.3 0.7	5.3 0.7	46.4	6.8 (Z)	7.1 (Z)	29.4 14.0	
Textile mill products	22	7.5	7.9	6.1	4.4	55.4	8.7	9.2	23.3	
Apparel and finished textile products	23	4.5	4.7	5.8	6.3	13.0	5.3	5.4	25.5	
Paper and allied products Printing and publishing (except	26 271-274,	4.6	2.0	4.5	4.3	34.3	4.9	2.1	58.7	
commercial)	276-279	7.4	7.3	18.1	17.2	90.8	6.5	6.5	27.0	
Commercial printing	275	7.5	6.8	11.8	12.2	33.6	7.9	7.2	26.9	
Drugs	283 281, 282,	8.5	8.7	5.6	5.8	14.1	10.5	10.8	0.7	
Chemical products	284-287, 289	3.7	3.8	5.3	5.4	17.0	3.3	3.4	7.8	

Table B. Relative Standard Errors for Capital Expenditures by Industry: 1994

Industry	Standard Industrial Classifica-	Total	Total new	Expend	litures for str	uctures	Expenditures for equipment		
	tion (SIC) code	expendi- tures	expendi- tures	Total	New	Used	Total	New	Used
Manufacturing—Con. Nondurable goods industries—Con.									
Petroleum refining and related products	29	2.6	2.7	1.3	0.8	25.8	5.8	5.9	6.2
Rubber and miscellaneous plastics products Leather and leather products	30 31	9.1 5.0	9.4 5.1	13.7 4.2	14.2 4.2	0.8 28.5	9.0 6.2	9.3 6.3	23.4 20.0
Transportation,		0.0	5			20.0	0.2	0.0	
utilities		1.7	1.8	3.1	3.2	8.4	2.0	2.0	6.7
Transportation	40 41	4.7 0.9 10.9	5.0 (Z) 11.7	3.6 (Z) 35.1	3.9 (D) 35.5	0.9 (D) (Z)	5.8 2.1 7.3	6.2 (D) 7.2	9.7 (D) 30.7
water transportation	42 44 45 46 47	9.8 28.1 3.1 2.0 12.9	10.2 32.7 3.3 2.6 12.0	6.1 62.1 5.6 2.7 19.8	6.4 62.4 5.7 (D) 22.9	(Z) 6.5 3.7 (D) 12.3	10.6 29.9 3.3 0.5 13.2	11.0 35.2 3.6 (D) 11.8	22.7 26.4 7.3 (D) 51.1
Communications		1.3	1.3	3.9	4.1	10.7	1.1	1.1	17.3
Telephone and other communications services	481, 482, 489	1.3	1.4	4.8	(D)	(D)	1.1	1.1	1.8
stations	483, 484	3.9	3.5	5.9	(D)	(D)	4.9	4.7	52.5
Utilities		2.7	2.8	5.0	5.1	18.1	1.1	1.1	2.9
Electric and gas services Electric power generation,		3.4	3.6	6.5	6.8	(Z)	1.2	1.2	1.2
transmission, and distribution. Combination electric and gas, and other services	491 493	4.6 (Z)	4.8 (Z)	8.1 (Z)	(D) (D)	(D) (D)	1.7 (Z)	(D) (D)	(D) (D)
Gas, water, and other utilities		4.2	3.8	6.4	6.0	62.0	2.5	2.5	8.2
Gas production and distribution. Water supply, sanitary, and other utilities	492 494-497	0.8	9.8	0.9 14.9	0.9 14.5	(Z) 68.7	1.5 6.0	1.6 6.2	(Z) 11.3
	434-431								
Wholesale and retail trade .		3.8	4.0	4.7	4.7	26.2	4.5	4.6	13.1
Wholesale trade Motor vehicles, parts, and supplies	501	10.2 6.6	11.0 6.1	14.8 23.0	15.4 24.4	51.2 19.0	10.2 5.9	10.8 4.4	19.2 46.0
Durable goods (except motor vehicles)	502-509	18.7	20.3	28.6	31.9	67.2	18.2	19.0	33.9
Groceries	514 517 511-513, 515, 516,	13.8 7.7	14.8 7.2	17.2 9.0	17.0 9.1	77.8 6.5	17.8 9.8	18.8 9.2	54.6 26.6
Nondurable goods	518, 519	12.2	13.0	19.1	20.4	7.7	13.0	13.9	37.6
Retail trade	53 54	2.6 (Z) 2.8	2.5 (Z) 2.0	4.2 (Z) 2.1	4.2 (Z) 1.7	28.2 (Z) 42.7	3.0 (Z) 4.4	2.6 (Z) 3.0	17.7 3.1 51.7
shoe stores	56 52, 55,	2.8	2.1	0.8	0.8	(Z)	4.4	3.3	52.7
Other retail dealers	52, 55, 57-59	4.7	4.6	7.5	7.6	33.4	5.3	4.7	20.3

Table B. Relative Standard Errors for Capital Expenditures by Industry: 1994

Industry	Standard Industrial Classifica-	Total	Total new	Expend	litures for str	ructures	Expenditures for equipment			
industry	tion (SIC)	expendi- tures	expendi- tures	Total	New	Used	Total	New	Used	
Finance, insurance, and real estate		3.1	3.3	7.6	8.8	5.6	1.3	1.3	14.3	
Finance Central reserve depository		1.0	1.0	2.3	2.3	7.7	0.8	0.8	4.1	
institutions	601 602	(Z) 1.8	(Z) 1.9	1.0 3.0	(D) 3.4	(D) 5.0	(Z) 1.6	(D) 1.6	(D) 7.4	
Savings institutions (including savings and loans)	603	6.6	6.6	11.1	11.9	28.9	4.3	4.3	0.6	
Credit unions Other depository institutions	606 608,609	7.5 6.2	7.9 4.9	13.2 9.5	14.4 (D)	30.8 (D)	5.1 5.6	5.2 (D)	28.7 (D)	
Nondepository credit institutions Security and commodity brokers	61	0.6	0.6	6.3	6.4	(Z)	(Z)	(Z)	5.7	
and services	62	3.5	2.7	5.9	1.9	56.0	3.3	3.4	6.4	
Holding, charitable trusts, and other investments	67	4.2	3.7	5.1	2.7	14.6	5.5	6.3	2.5	
Insurance and real estate Life insurance carriers	631 632, 633,	8.3 (Z)	9.0 (Z)	13.0 (Z)	14.7 (Z)	8.1 (Z)	5.0 0.7	5.0 0.5	30.2 18.4	
Insurance carriers (except life) Insurance agents, brokers, and	635-637, 639	6.2	6.4	9.4	10.0	(Z)	5.4	5.4	3.0	
service	64 65	12.8 17.1	10.7 18.6	40.1 21.1	22.2 22.9	81.3 10.4	10.6 15.0	10.7 15.6	91.3 40.1	
Services		1.8	1.6	3.9	3.4	22.9	1.6	1.6	9.7	
Rental and business services	70	2.2 5.9	2.2 6.1	6.9 4.3	7.2 4.5	20.6	2.1 9.8	2.1 10.0	12.3 23.4	
Hotels and other lodging places Personal services Equipment rental and leasing Computer programming and	70 72 735	15.6 4.4	17.6 4.7	25.2 10.0	33.4 10.4	(Z) 16.8 27.5	15.3 4.4	15.1 4.8	55.5 6.7	
data processing services	737	4.6	4.6	3.1	3.2	(Z)	5.0	5.1	11.0	
Business services	731-734, 736, 738	9.0	7.9	10.1	8.8	61.1	9.6	8.5	68.4	
leasing	751	3.0	3.0	7.0	7.0	12.2	3.1	3.1	21.4	
services	752-754 76	13.3 13.5	13.8 11.6	18.5 24.8	16.7 27.2	89.0 2.7	15.6 14.6	17.1 11.6	40.0 42.6	
Motion pictures, movie theaters, and video tape rentals	78	11.1	11.4	6.8	7.2	1.9	15.1	15.3	31.4	
Amusement and recreation services	79	13.0	13.4	19.3	20.4	50.3	11.3	11.6	42.3	
Agricultural services, forestry, and fishing	07, 08, 09	14.0	14.6	30.5	31.5	40.2	12.7	12.9	34.4	
Health services		1.7	1.7	2.4	2.4	9.1	2.0	2.0	6.6	
Offices of doctors, dentists, and other practitioners	801-804	6.8	7.1	8.6	9.3	15.1	9.0	9.3	21.9	
facilities	805	8.3	8.5	10.4	10.8	36.4	3.7	3.5	28.2	
Hospitals Other health care and allied services	806 807-809	1.2 7.6	1.3 7.1	2.0 10.2	2.1	4.5 9.5	1.0	1.0	5.4 6.2	
Membership organizations, educational, and miscellaneous										
services		6.2	5.2	10.2	8.2	45.5	4.5	4.6	21.1	
Legal services	81 82	8.8 10.6	7.4 9.9	29.4 13.2	10.8 12.3	67.4 37.3	7.8 6.3	7.8 6.4	37.9 66.4	
IIDI AI IGS	02	10.0	5.5	13.2	12.3	37.3	0.3	0.4	00.4	

Table B. Relative Standard Errors for Capital Expenditures by Industry: 1994

Industry	Standard Industrial	Total	Total new	Expend	litures for str	uctures	Expend	ditures for eq	uipment
	tion (SIC)	tion (SIC) expendi-		Total	New	Used	Total	New	Used
Services—Con. Membership organizations, educational, and miscellaneous services—Con.									
Social services	83	20.0	21.5	28.6	31.2	32.7	6.8	6.8	32.9
Museums, art galleries, botanical gardens, and zoos Membership and religious	84	14.4	14.0	16.2	15.7	67.3	17.5	17.1	88.4
organizations Engineering, accounting, and	86	12.7	13.1	16.2	16.7	38.5	17.4	17.8	41.2
other services	87 89	14.4 16.6	7.9 17.1	39.1 48.0	15.7 52.7	78.5 86.1	7.9 11.8	8.0 11.7	19.9 39.4
Structure and equipment expenditures serving multiple industries	(X)	12.2	13.0	16.0	18.8	(Z)	11.0	11.2	1.2

Table C. Relative Standard Errors for Capital Expenditures for Structures by Industry and Type of Structure: 1994

Industry	Total structures	Industrial buildings	Com- mercial buildings	Amuse- ment and recre- ation facilities	Transpor- tation facilities	Residen- tial buildings	Utilities	Mine shafts and wells	Other buildings	Other non- building structures
Total expenditures	1.8	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
By industry and type of structure New Used	1.8 1.8 7.7	1.7 1.7 10.2	2.9 2.6 13.9	14.6 15.4 38.3	5.3 5.4 4.8	31.9 34.1 14.4	4.0 4.1 16.2	10.0 10.5 13.9	3.8 3.7 10.7	12.5 12.6 7.5
Mining: Total structures New Used	8.1 8.8 7.0	1.0 (D) (D)	12.9 3.7 75.1	- - -	34.8 34.8	66.9 100.4 41.5	5.6 (D) (D)	10.5 (D) (D)	56.5 56.5	19.2 19.2 -
Construction: Total structures New Used	17.5 19.0 36.7	39.8 42.3 23.3	19.1 22.0 39.3	- - -	98.9 - 99.3	69.4 74.2 52.2	91.8 91.8 -	- - -	- - -	54.9 54.9
Manufacturing (durable): Total structures New Used	3.4 3.6 16.2	3.2 3.2 17.5	15.7 16.6 45.6	- - -	- - -	(D) (D) 70.2	13.1 13.2 -	(D) (D)	9.9 9.9 -	26.9 26.9 -
Manufacturing (nondurable): Total structures New Used	2.3 2.0 22.3	2.6 2.3 25.2	4.9 4.2 46.7	- - -	10.1 10.1 -	(D) 3.0 (D)	(Z) (Z)	(D) (D)	25.3 (D) (D)	6.5 6.6 51.5
Transportation: Total structures New Used	3.6 3.8 1.7	(D) 1.3 (D)	3.6 3.9 4.1	(D) (D)	5.4 5.5 4.7	(D) (D) (D)	(D) 7.8 (D)	- - -	88.7 88.7	5.6 (D) (D)
Communications: Total structures New Used	3.8 4.0 11.0	- - -	1.8 (D) (D)	21.8 6.3 82.2	(D) (D)	- - -	4.7 4.7 21.2	- - -	(D) - (D)	85.5 85.5
Utilities: Total structures New Used	5.1 5.2 18.2	- - -	5.9 (D) (D)	- - -	- - -	- - -	5.3 5.4 19.2	(Z) (D) (D)	88.9 88.9 -	24.3 24.3
Wholesale trade: Total structures New Used	15.1 15.8 52.2	8.1 8.2 22.5	17.0 17.9 53.1	(D) (D)	(D) (D)	25.1 52.0 21.6	0.9 0.9 -	45.7 45.7 -	- - -	24.1 24.1
Retail trade: Total structures New Used	4.3 4.2 28.1	3.2 3.2 -	4.3 4.3 28.1	10.7 10.7	90.6 90.6	- - -	- - -	- - -	42.4 42.4 -	28.6 28.8 -
Finance: Total structures New Used	2.2 2.3 6.9	- - -	2.3 2.4 6.6	75.8 73.1 78.7	- - -	25.4 3.2 70.7	- - -	(D) (D)	(D) (D)	38.5 39.7 100.0
Insurance and real estate: Total structures New Used	13.0 14.7 8.0	2.0 (D) (D)	4.9 5.5 9.1	60.9 60.0 86.3	(D) (D)	40.3 42.4 16.4	49.7 49.7 -	(D) (D)	(D) (D)	38.7 38.7
Rental and business services: Total structures New Used	7.0 7.3 20.7	3.8 3.7 36.0	4.2 4.2 22.6	17.8 18.8 45.2	(D) (D)	45.5 52.5 70.9	8.9 8.9 -	(D) (D)	25.8 34.8 -	21.5 22.3 -

Table C. Relative Standard Errors for Capital Expenditures for Structures by Industry and Type of Structure: 1994

Industry	Total structures	Industrial buildings	Com- mercial buildings	Amuse- ment and recre- ation facilities	Transpor- tation facilities	Residen- tial buildings	Utilities	Mine shafts and wells	Other buildings	Other non- building structures
Health services: Total structures New Used	2.4 2.4 9.1	(D) (D)	16.5 17.5 36.6	5.3 5.3	(D) (D)	29.1 31.6 23.6	3.2 3.2	- - -	2.3 2.4 9.6	24.3 24.4 -
Membership organizations, educational, and miscellaneous services: Total structures	10.2 8.2 45.7	22.0 (D) (D)	30.2 12.9 66.6	23.5 23.6	50.4 50.4	63.7 69.1 43.8	11.5 11.5	- - -	10.0 9.6 30.0	58.2 (D) (D)
Structure expenditures serving multiple industries: Total structures		- - -	17.8 21.1	- - -	- - -	(D) (D)	(D) (D)	- - -	- - -	- - -

Table D. Relative Standard Error for Capital Expenditures for Structures by Type and Classification of Structure: 1994

			Classification of expenditures for structures								
Type of structure		Total	Construe			ition of facility	or moderi	, renovation, nization of g facility			
	Structure code	expendi- tures for structures	Own employees	Contract	New	Used	Own employees	Contract			
Total expenditures Sum of expenditures: By industry and type of		1.8	(X)	(X)	(X)	(X)	(X)	(X)			
structure		1.8	3.7	2.9	12.2	7.7	1.9	2.7			
Industrial buildings: Manufacturing, processing, and assembly plants	110	1.7	5.5	2.3	7.6	10.2	2.5	2.8			
Commercial buildings	101	2.9	14.0	2.5	23.1	13.9	6.7	4.0 6.7			
Hotels and motels	121	3.8	47.0	(Z)	2.3	25.0	27.4				
Banks and other financial institutions.	122	3.1	17.8	5.3	5.0	7.2	2.3	4.8			
Office and professional buildings Automotive facilities	123 124	6.2 8.9	8.7 14.2	5.3 8.6	40.0 86.9	24.1 43.6	12.5 24.5	4.0 17.0			
Stores, shopping centers, and restaurants	125	4.6	21.6	1.8	(Z)	27.7	11.7	11.0			
Warehouses and distribution centers (except passenger)	126	8.9	40.9	13.7	1.7	38.4	22.1	12.7			
Other commercial buildings, not elsewhere classified	127	14.0	49.3	20.7	(D)	23.1	(D)	23.3			
Other commercial buildings, not distributed	120	2.5	-	-	(D)	-	(D)	5.3			
Amusement and recreational											
facilities		14.6	13.7	12.0	11.8	38.3	8.0	31.1			
buildings Amusement and recreational outdoor	131	10.0	53.0	9.8	2.8	42.2	32.3	17.3			
structures	132	29.1	9.1	25.4	59.3	(Z)	4.1	55.5			
facilities, not distributed	130	-	-	-	-	-	-	-			
Transportation facilities Transportation buildings, except		5.3	4.3	22.0	19.5	4.8	4.3	6.4			
railroad Nonbuilding transportation, except	141	10.8	(D)	24.0	21.7	(D)	3.7	6.3			
railroad	142 143	44.0 0.5	(D)	57.6 2.0	58.6 69.9	(D)	20.4 0.6	39.3 2.8			
Transportation facilities, not distributed	140	56.5	55.9	55.9	36.3	97.2	55.9	55.8			
Residential buildings	151	31.9 49.4	87.9 94.0	45.2 48.8	23.1 1.1	14.4 14.8	35.6 53.7	37.2 22.6			
Residential structures, multi-unit	152	37.7	63.7	50.2	1.1	36.2	31.7	40.8			
Mobile homes, residential	153	87.9	03.7	30.2	62.9	30.2	89.4	90.7			
Residential buildings, not distributed.	150	- 67.9	-	-	62.9	-	-	90.7			
Utilities		4.0	3.9	9.9	11.3	16.2	3.4	3.9			
Power plants, except nuclear	161	8.6	6.1	26.2	(D)	(D)	5.6	8.4			
Power plants, nuclear	162	(Z)	-	-	-	-	-	(Z)			
Sewerage and waste disposal	163	14.5	13.7	20.1	40.1	83.3	3.2	10.7			
Water supply and storage systems Oil pumping stations and pipeline	164	23.9	22.3	42.3	90.8	-	40.0	18.7			
construction	165	5.6	10.2	9.0	(D)	(D)	(Z)	1.7			
pipeline construction	166	0.8	(Z)	0.8	_	_	(Z)	3.5			
Communications	167	4.6	9.6	4.0	2.7	21.2	10.0	5.7			
Other utility structures	168	1.2	1.8	3.3	86.1		0.6	1.9			
Utilities, not distributed	160	(Z)		-	(D)	(D)	5.0	(Z)			
	.50	(-)			(5)	(3)		(2)			

Table D. Relative Standard Error for Capital Expenditures for Structures by Type and Classification of Structure: 1994

			Classification of expenditures for structures							
Type of structure		Total	Constru new f		Acquis existing		Remodeling, renovation, or modernization of existing facility			
	Structure code	expendi- tures for structures	Own employees	Contract	New	Used	Own employees	Contract		
Mine shafts and wells		10.0	6.3	16.1	6.6	13.9	6.0	1.4		
Mine shafts	171	(D)	(D)	2.0	20.9	(D)	(D)	2.6		
Petroleum and natural gas wells	172	14.6	14.3	21.2	0.6	13.7	6.5	1.4		
Other mining and well construction Mine shafts and wells, not	173	3.7	0.9	5.3	19.7	(D)	(D)	3.4		
distributed	170	(D)	(D)	-	-	-	-	-		
Other buildings		3.8	16.6	4.2	41.2	10.7	8.6	6.5		
Religious buildings	181	21.7	71.3	29.1	-	42.2	58.7	33.0		
Educational buildings	182	12.5	51.3	13.3	86.9	40.6	16.8	18.5		
Hospital and medical buildings	183	1.3	-	1.9	1.9	3.6	10.3	2.2		
Special care facilities Other buildings, not elsewhere	184	11.3	29.2	21.3	44.1	31.5	36.4	14.8		
classified	185	9.4	35.4	10.7	76.3	14.6	5.9	21.1		
Other buildings, not distributed	180	=	=	-	-	-	-	-		
Other non-building structures		12.5	29.3	26.3	43.3	7.5	2.3	16.3		
control structures	191	10.3	1.1	3.8	-	-	77.5	23.9		
(non-railroad)All other non-building structures, not	192	9.5	1.2	(D)	-	-	(D)	19.3		
elsewhere classifiedOther non-building structures, not	193	16.4	43.9	34.0	48.0	9.6	3.1	21.3		
distributed	190	-	-	(D)	-	-	(D)	-		

Appendix D.

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.

Assets and Expenditures Survey (A&E). This survey is conducted as part of the 5-year economic censuses. Data collected include the value of fixed assets, capital expenditures, and operating costs in wholesale, retail, and selected service industries. A sample of companies in those industries report in the A&E Survey. 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.

Enterprise Statistics Survey (ESS). This survey is conducted as part of the 5-year economic censuses. Expenditures reported represent companies with 500 or more employees. Data for these companies are attributed to the primary industry of the reporting organization regardless of company diversity. The differences in classification of expenditures by industry result in different distributions of expenditures as compared to 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 E. **Definition of Terms**

Capital Expenditures. Capital expenditures are defined as all capitalized costs during the year for both new and used structures and equipment chargeable to fixed asset accounts, and 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 with which capital projects are financed.

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

New structures are defined as 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 defined as 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 considered machinery and equipment.

New equipment is defined as machinery and equipment purchased new, and equipment produced in the company for use by the company. Used equipment is defined as secondhand machinery and equipment.

Other Capital Expenditures. "Other" capital expenditures refers to depreciable and amortizable fixed assets which companies could not classify as structures or equipment because of record keeping practices or difficulties interpreting the definitions of structures and equipment.

Capital Leases. Capital leases consist of new fixed 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 with which capital projects are financed, 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 B.