## 2010 Capital Spending Report:

## U.S. CAPITAL SPENDING PATTERNS— 1999-2008

Data in this report are from the Census Bureau's Annual Capital Expenditures Survey (ACES), which collects information on expenditures for new and used structures and equipment by all U.S. nonfarm businesses. (See endnote.)

## General Highlights:

- In 2008, after four consecutive yearly increases, total spending on new and used structures and equipment (i.e., capital spending) by all U.S. nonfarm businesses, $\$ 1.375$ trillion, was not statistically different from the 2007 total ( $\$ 1.355$ trillion). ${ }^{1}$ (Figure 1, Table 1a)

Figure 1
Total Capital Expenditures for All U.S. Nonfarm Businesses: 1999 to 2008

${ }^{1}$ Estimates in this report are not adjusted for inflation. This may affect the utility of year-to-year or longer term comparisons of spending levels, especially when inflation rates are volatile and vary across industries and asset categories. However, with some exceptions (e.g., declines in information technology equipment prices, which may have a negative effect on investment totals in industries that invest heavily in IT equipment), comparisons of shares of overall investment across industries are less affected by inflation. This report looks closely at industry investment shares over time to see which are growing (shrinking) and, in theory, where firms and capital markets perceive the greatest economic opportunity. Estimates for 2008 are subject to revision.

- Between 1999 and 2008, the period covered by this report, capital spending by U.S. nonfarm businesses varied cyclically. Total spending reached $\$ 1.161$ trillion in 2000, and then fell each year to a low of $\$ 975$ billion in 2003, before increasing in 2004 and each successive year through 2007. However, as noted in the previous bullet, total spending in 2008 held steady with spending in 2007. (Figure 1, Table 1a)
- Sectors registering the largest absolute increases in investment spending between 1999 and 2008 were mining (up $\$ 119.3$ billion or 390.1 percent), utilities (up $\$ 55.5$ billion or 129.6 percent), and health care and social assistance (up $\$ 38.7$ billion or 75.4 percent). ${ }^{2}$ (Figure 2, Table 2a)

- The information sector experienced the largest absolute decline in investment spending over the 1999-2008 period (down $\$ 19.4$ billion or 15.8 percent). (Figure 2, Table 2a)
- In 2008, four of the 19 industry sectors accounted for 47.1 percent of all capital spending by U.S. employer businesses - manufacturing ( 16.3 percent), mining (11.6 percent), finance and insurance (11.2 percent), and information ( 8.0 percent). (Table 3a)

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## Changes in the Composition of Investment by Type of InvestmentStructures and Equipment, 1999-2008

- Between 1999 and 2008, total annual spending on new and used structures by all U.S. nonfarm businesses increased from $\$ 320.1$ billion to $\$ 565.2$ billion ( 76.6 percent). The spending increase in 2008 alone was $\$ 40.0$ billion. (Table 1a)
- Between 1999 and 2008, total annual spending on new and used equipment by all U.S. nonfarm businesses increased from $\$ 726.9$ billion to $\$ 809.9$ billion (11.4 percent). The total for 2008, however, decreased $\$ 19.6$ billion from 2007. (Table 1a)
- Spending on structures as a share of total investment spending by all U.S. nonfarm businesses increased from 30.6 percent in 1999 to 41.1 percent in 2008. (Figure 3, Table 1a)

- The percentage of total capital spending dedicated to structures, which grew in 2006 and 2007, continued to grow in 2008. This growth coincided with an increase in the share of total employer capital spending accounted for by the mining sector, a sector that invests more heavily in structures than equipment. (Table 4a, Table 4c)


## Changes in the Composition of Investment by Industry Sector

- Sectors experiencing the largest increases in their shares of total capital spending between 1999 and 2008 included mining (up 8.4 percentage points) and utilities (up 3.2 percentage points). (Figure 4, Table 3a)
- Sectors experiencing the largest declines in their shares of total capital spending between 1999 and 2008 included information (down 4.6 percentage points) and manufacturing (down 3.8 percentage points). (Figure 4, Table 3a)



## Sector-level Highlights:

- Mining: Investment spending by employer firms in the mining sector increased from $\$ 30.6$ billion in 1999 to $\$ 149.9$ billion in 2008. From 2007 to 2008, spending growth in mining in absolute terms ( $\$ 29.2$ billion) exceeded spending growth in all other sectors and mining's share of total investment reached a high of 11.6 percent. (Table 2a, Table 3a)
- Manufacturing: In 2008, investment spending in the manufacturing sector (\$211.4 billion) was not statistically different from the 2007 level ( $\$ 197.3$ billion), which was the highest level since 2000. The sector's share of total spending ( 16.3 percent) was not statistically different from the previous-year level ( 15.5 percent). ${ }^{3}$ (Table 2a, Table 3a)

[^1]- Finance and Insurance: From 2007 to 2008, investment spending in the finance and insurance sector decreased to $\$ 145.4$ billion. In addition, the sector's share of total investment spending declined to 11.2 percent, compared with 13.6 percent in 2007. (Table 2a, Table 3a)
- Information: In 2008, investment spending in the information sector decreased to $\$ 103.4$ billion and accounted for 8.0 percent of total spending. (Table 2a, Table 3a)
- Health Care and Social Assistance: Investment spending in the health care and social assistance sector increased from $\$ 84.2$ billion in 2007 to $\$ 90.0$ billion in 2008. The sector's share of total spending increased to 7.0 percent in 2008 , from 6.6 percent in 2007. (Table 2a, Table 3a)
- Utilities: In 2008, investment spending in the utilities sector increased to $\$ 98.3$ billion, up $\$ 12.9$ billion from 2007. The sector's share of total spending increased to 7.6 percent, up from 6.7 percent in 2007. (Table 2a, Table 3a)
- Real Estate and Rental and Leasing: In 2008, investment spending in the real estate and rental and leasing sector decreased to $\$ 96.0$ billion from the $\$ 117.5$ billion registered in 2007. The sector's share of total spending declined to 7.4 percent, compared with 9.2 percent in 2007. (Table 2a, Table 3a)


## ENDNOTE

Initiated in 1993, ACES originally covered 97 industries organized under the Standard Industrial Classification (SIC) System. The survey was altered in 1999 to cover the same range of U.S. economic activity, reclassified for measurement purposes in 135 industries under the new North American Industry Classification System (NAICS). The change in industry classification codes makes SIC to NAICS comparisons problematic. ACES data are published in annual reports about 12 months after the close of each reference year; the most recent report, published in March 2010, covers the reference year 2008. (http://www.census.gov/econ/aces/)

This 2010 Capital Spending Report continues the Census Bureau's effort to present annual ACES data longitudinally, beginning in 1999, the year when the data were first collected under NAICS. This 2010 Report carries the series through 2008, the reference year for the most recent ACES report. Readers are cautioned that while this Report marshals annual ACES data longitudinally, the series is not always internally consistent due to several factors, including changes in the NAICS (e.g., the 1997 NAICS updated to the 2002 NAICS), and changes over time in company organization and classification.

Investment estimates from the ACES that appear in this report may not be directly comparable to investment data from other sources due to differences in survey objective, design, and coverage.

## Notes on the Data

The estimates in this report are based on annual probability samples and are subject to both sampling and nonsampling errors. Sampling error is the uncertainty due to measuring only a subset of the target population. Nonsampling error encompasses all other sources of error.

## Sampling Error

In sampling contexts, the sampling error is often discussed as a standard error, relative standard error, or margin of error. The standard error is a measure of the variability among the set of estimates derived from all the possible samples that could have been selected using the same sampling methodology. The sample actually chosen and the estimate created are just one of many that might have been chosen and created. The relative standard error, usually expressed as a percentage, is the standard error of the estimate itself. Estimates of dollar amounts have relative standard errors, while estimates of shares and other percentages are given only standard errors as the standard errors are already percentages, and the relative standards errors of percentages could be easily misinterpreted. Relative standard errors and standard errors are estimates derived from the sample data, just as the estimates themselves are, and are also subject to the same sampling and nonsampling errors.

Relative standard errors may be used to derive confidence intervals. A 90-percent confidence interval defined by adding and subtracting 1.6 standard errors to the estimate would contain the true value approximately 90 percent of the time, if sampling error were the only source of error. Confidence intervals do not take nonsampling errors into account.

To compute a 90-percent confidence interval for an estimate that has a relative standard error, first divide the relative standard error by 100 if it was expressed as a percentage, then multiply the estimate by its relative standard error to obtain the standard error. Multiply this standard error by 1.6 to create the margin of error for the estimate. Add and subtract the margin of error to and from the estimate to obtain the upper and lower bounds of the interval. For example, the estimate for Total Capital Expenditures for Companies with Employees in the mining sector in 2008 shown in Table 2a is $\$ 149,895$ million and the corresponding estimated relative standard error shown in Table 2 b is 2.7 percent ( 0.027 ). Multiplying $\$ 149,895$ million by 0.027 gives a standard error of $\$ 4,047$ million. Multiplying the standard error by 1.6 creates a margin of error of $\$ 6,475$ million. The 90 -percent confidence interval for the true value of Total Capital Expenditures for Companies with Employees in the mining sector in 2008 is $\$ 149,895$ million $+/-\$ 6,475$ million, or $\$ 143,420$ million to $\$ 156,370$ million.

To compute a 90-percent confidence interval for an estimate that already has a standard error, multiply the standard error by 1.6 to create the margin of error. Add and subtract the margin of error from the estimate to obtain the upper and lower bounds of the interval. For example, the estimate for Percent Change from 1999 to 2008 for Total Capital Expenditures for Companies with Employees shown in Table 3a is $32.9 \%$ and the corresponding estimated standard error shown in Table 3 b is $1.5 \%$. Multiplying $1.5 \%$ by 1.6 gives $2.4 \%$, and the 90 -percent confidence interval for the percentage change from 1999 to 2008 for Total Capital Expenditures for Companies with Employees is $32.9 \%+/-2.4 \%$, or $30.5 \%$ to $35.3 \%$.

A 90-percent confidence interval has been constructed for each estimate of change presented in this report. If the estimated range of change contains zero ( 0 ), then it is uncertain whether there was an increase or a decrease; that is, the change is not statistically different from zero ( 0 ), and the current estimate is not statistically different from the prior estimate at the 90 -percent confidence level.

## Nonsampling Error

All surveys and censuses are subject to nonsampling errors including: inability to obtain information from all companies in the sample; inability or unwillingness on the part of respondents to provide correct information; 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. Although no direct measures of these sources of nonsampling error are available, precautionary steps were taken in all phases of the collection, processing and tabulation of the data in an effort to minimize their influence.

A complete description of the ACES survey design can be found at http://www.census.gov/econ/aces/

Table 1a. Capital Expenditures for Structures and Equipment: 1999 to 2008
[Millions of dollars.]

| Capital expenditures | Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
| Total |  |  |  |  |  |  |  |  |  |  |
| All companies | 1,046,952 | 1,161,029 | 1,109,004 | 997,894 | 975,015 | 1,042,060 | 1,144,783 | 1,309,939 | 1,354,727 | 1,375,139 |
| Companies with employees | 974,631 | 1,089,862 | 1,052,344 | 917,490 | 886,846 | 953,171 | 1,062,536 | 1,217,107 | 1,270,522 | 1,295,470 |
| Companies without employees | 72,322 | 71,168 | 56,660 | 80,404 | 88,169 | 88,889 | 82,247 | 92,832 | 84,205 | 79,669 |
| Structures |  |  |  |  |  |  |  |  |  |  |
| All companies | 320,078 | 364,407 | 363,748 | 358,484 | 344,641 | 368,707 | 401,653 | 488,701 | 525,273 | 565,244 |
| Companies with employees | 293,787 | 338,120 | 346,221 | 325,168 | 314,021 | 335,405 | 368,791 | 453,893 | 490,779 | 532,256 |
| Companies without employees | 26,291 | 26,287 | 17,527 | 33,316 | 30,621 | 33,302 | 32,862 | 34,809 | 34,494 | 32,988 |
| New |  |  |  |  |  |  |  |  |  |  |
| All companies | 296,496 | 329,525 | 335,538 | 321,191 | 305,291 | 324,680 | 365,938 | 448,861 | 480,839 | 525,801 |
| Companies with employees | 276,094 | 309,541 | 323,871 | 299,941 | 281,892 | 300,371 | 341,223 | 420,090 | 457,233 | 503,276 |
| Companies without employees | 20,402 | 19,984 | 11,667 | 21,250 | 23,399 | 24,309 | 24,715 | 28,771 | 23,606 | 22,525 |
| All companies | 23,583 | 34,882 | 28,210 | 37,293 | 39,350 | 44,028 | 35,715 | 39,840 | 44,434 | 39,443 |
| Companies with employees | 17,693 | 28,579 | 22,349 | 25,227 | 32,128 | 35,034 | 27,568 | 33,802 | 33,546 | 28,980 |
| Companies without employees | 5,889 | 6,303 | 5,860 | 12,066 | 7,222 | 8,993 | 8,146 | 6,038 | 10,888 | 10,463 |
| Equipment |  |  |  |  |  |  |  |  |  |  |
| All companies | 726,874 | 796,622 | 745,256 | 639,410 | 630,373 | 673,353 | 743,130 | 821,238 | 829,455 | 809,896 |
| Companies with employees | 680,843 | 751,742 | 706,123 | 592,321 | 572,825 | 617,766 | 693,745 | 763,215 | 779,744 | 763,214 |
| Companies without employees | 46,030 | 44,880 | 39,133 | 47,088 | 57,549 | 55,587 | 49,386 | 58,023 | 49,711 | 46,681 |
| New |  |  |  |  |  |  |  |  |  |  |
| All companies | 689,553 | 750,626 | 706,617 | 598,668 | 579,414 | 628,591 | 701,247 | 777,059 | 790,407 | 763,300 |
| Companies with employees | 656,344 | 718,227 | 679,090 | 564,218 | 540,611 | 588,110 | 664,648 | 734,160 | 750,353 | 726,343 |
| Companies without employees | 33,209 | 32,399 | 27,528 | 34,450 | 38,803 | 40,481 | 36,598 | 42,899 | 40,054 | 36,957 |
| All companies | 37,321 | 45,996 | 38,639 | 40,741 | 50,960 | 44,762 | 41,884 | 44,179 | 39,048 | 46,596 |
| Companies with employees | 24,499 | 33,515 | 27,033 | 28,103 | 32,214 | 29,656 | 29,096 | 29,055 | 29,391 | 36,871 |
| Companies without employees | 12,821 | 12,481 | 11,605 | 12,638 | 18,746 | 15,106 | 12,787 | 15,124 | 9,657 | 9,724 |

Note: Detail may not add to total because of rounding.
Source: Annual Capital Expenditures Survey

Table 1b. Relative Standard Errors for Capital Expenditures for Structures and Equipment: 1999 to 2007
[Percent.]

| Capital expenditures | Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
| Total |  |  |  |  |  |  |  |  |  |  |
| All companies | 1.3 | 0.9 | 0.9 | 1.2 | 0.8 | 1.2 | 0.7 | 1.1 | 1.0 | 1.0 |
| Companies with employees | 1.3 | 1.1 | 0.8 | 1.1 | 0.8 | 1.0 | 0.7 | 1.1 | 1.0 | 0.9 |
| Companies without employees | 7.6 | 5.4 | 5.4 | 7.2 | 7.5 | 7.8 | 5.1 | 3.8 | 4.6 | 6.0 |
| Structures |  |  |  |  |  |  |  |  |  |  |
| All companies | 3.0 | 1.8 | 1.4 | 2.8 | 2.1 | 3.1 | 1.1 | 2.1 | 2.1 | 1.9 |
| Companies with employees | 3.6 | 2.0 | 1.5 | 2.4 | 2.4 | 2.9 | 0.9 | 2.0 | 1.9 | 1.8 |
| Companies without employees | 21.0 | 9.4 | 11.3 | 14.7 | 12.9 | 13.5 | 12.2 | 7.6 | 9.6 | 13.4 |
| New |  |  |  |  |  |  |  |  |  |  |
| All companies | 3.3 | 1.8 | 1.3 | 2.6 | 1.8 | 2.2 | 1.4 | 2.0 | 2.1 | 1.8 |
| Companies with employees | 3.7 | 1.8 | 1.4 | 2.5 | 2.0 | 2.1 | 1.2 | 1.9 | 2.0 | 1.8 |
| Companies without employees | 25.1 | 10.5 | 8.5 | 15.0 | 16.1 | 15.0 | 15.1 | 8.9 | 8.3 | 12.3 |
| Used |  |  |  |  |  |  |  |  |  |  |
| All companies | 7.2 | 9.6 | 6.0 | 11.4 | 10.5 | 18.5 | 5.3 | 11.2 | 6.4 | 6.7 |
| Companies with employees | 8.1 | 10.2 | 6.5 | 6.6 | 11.6 | 18.2 | 7.9 | 12.0 | 4.2 | 6.2 |
| Companies without employees | 15.0 | 15.8 | 26.1 | 30.3 | 19.9 | 22.8 | 8.8 | 12.9 | 24.4 | 22.8 |
| Equipment |  |  |  |  |  |  |  |  |  |  |
| All companies | 0.9 | 0.8 | 1.0 | 0.6 | 0.6 | 0.8 | 0.9 | 1.2 | 0.6 | 1.1 |
| Companies with employees | 0.9 | 0.9 | 0.8 | 0.6 | 0.6 | 0.6 | 1.0 | 1.2 | 0.7 | 1.1 |
| Companies without employees | 5.7 | 4.8 | 6.3 | 5.2 | 7.0 | 5.5 | 4.3 | 5.4 | 4.2 | 3.8 |
| New |  |  |  |  |  |  |  |  |  |  |
| All companies | 0.9 | 0.8 | 0.9 | 0.6 | 0.6 | 0.8 | 0.9 | 1.0 | 0.6 | 1.1 |
| Companies with employees | 0.9 | 0.9 | 0.8 | 0.6 | 0.5 | 0.6 | 0.9 | 1.0 | 0.7 | 1.1 |
| Companies without employees | 5.5 | 5.1 | 6.5 | 6.8 | 6.2 | 6.7 | 4.8 | 6.0 | 4.7 | 4.2 |
| Used |  |  |  |  |  |  |  |  |  |  |
| All companies | 3.8 | 2.7 | 4.4 | 4.3 | 5.4 | 4.8 | 4.1 | 5.4 | 4.6 | 7.0 |
| Companies with employees | 2.8 | 2.6 | 4.4 | 5.3 | 7.3 | 4.1 | 5.3 | 7.2 | 4.9 | 8.0 |
| Companies without employees | 9.0 | 8.3 | 8.8 | 4.6 | 12.9 | 10.0 | 7.1 | 7.6 | 7.5 | 7.2 |

[^2]Table 2a. Total Capital Expenditures for Companies With Employees by Industry Sector: 1999 to 2008 [Millions of dollars.]

| NAICS code | Industry | Year |  |  |  |  |  |  |  |  |  | 1999 to 2008 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Difference | Percent Change |
|  | Total expenditures | 974,631 | 1,089,862 | 1,052,344 | 917,490 | 886,846 | 953,171 | 1,062,536 | 1,217,107 | 1,270,522 | 1,295,470 | 320,839 | 32.9 |
| 113-115 | Forestry, fishing, and agricultural services | 1,716 | 1,488 | 1,532 | 1,910 | 1,894 | 2,081 | 2,702 | 2,672 | 2,149 | 2,372 | 656 | 38.2 |
| 21 | Mining | 30,586 | 42,522 | 51,278 | 42,467 | 50,548 | 51,253 | 66,746 | 99,309 | 120,681 | 149,895 | 119,309 | 390.1 |
| 22 | Utilities | 42,802 | 61,302 | 82,823 | 65,502 | 54,569 | 50,409 | 58,032 | 69,757 | 85,354 | 98,272 | 55,470 | 129.6 |
| 23 | Construction | 23,110 | 25,049 | 24,802 | 24,773 | 23,159 | 28,627 | 30,072 | 30,257 | 36,692 | 41,690 | 18,580 | 80.4 |
| 31-33 | Manufacturing | 196,399 | 214,827 | 192,835 | 157,243 | 149,065 | 156,651 | 165,634 | 192,364 | 197,298 | 211,357 | 14,958 | 7.6 |
| 321, 327, 33 | Durable goods industries | 117,005 | 133,786 | 118,875 | 84,062 | 80,226 | 85,119 | 92,180 | 106,843 | 107,664 | 103,142 | -13,863 | -11.8 |
| 31, 322-326 | Nondurable goods industries | 79,394 | 81,041 | 73,959 | 73,181 | 68,839 | 71,532 | 73,455 | 85,521 | 89,633 | 108,215 | 28,821 | 36.3 |
| 42 | Wholesale trade | 32,442 | 33,579 | 29,981 | 26,789 | 26,014 | 32,314 | 40,578 | 36,600 | 30,776 | 32,941 | 499 | 1.5 |
| 44-45 | Retail trade | 64,063 | 69,791 | 66,917 | 59,316 | 65,868 | 72,170 | 73,531 | 86,735 | 82,511 | 73,436 | 9,373 | 14.6 |
| 48-49 | Transportation and warehousing | 57,299 | 59,851 | 57,756 | 47,124 | 44,460 | 46,054 | 56,926 | 68,021 | 67,351 | 79,580 | 22,281 | 38.9 |
| 51 | Information | 122,827 | 160,177 | 144,793 | 88,156 | 80,524 | 83,488 | 91,373 | 104,373 | 106,084 | 103,424 | -19,403 | -15.8 |
| 52 | Finance and insurance | 130,101 | 133,684 | 131,105 | 128,444 | 120,787 | 153,629 | 161,389 | 163,069 | 173,412 | 145,352 | 15,251 | 11.7 |
| 53 | Real estate and rental and leasing | 100,629 | 92,456 | 82,674 | 94,529 | 87,952 | 91,606 | 103,022 | 132,073 | 117,451 | 96,045 | -4,584 | -4.6 |
| 54 | Professional, scientific, and technical services | 29,546 | 34,055 | 30,464 | 25,864 | 24,703 | 26,688 | 33,066 | 30,284 | 31,804 | 32,738 | 3,192 | 10.8 |
| 55 | Management of companies and enterprises | 6,065 | 5,054 | 3,035 | 3,430 | 3,298 | 3,186 | 2,809 | 3,306 | 4,542 | 4,561 | -1,504 | -24.8 |
| 56 | Administrative and support and waste management | 16,227 | 17,506 | 15,785 | 14,719 | 16,612 | 17,455 | 18,194 | 19,231 | 18,167 | 16,546 | 319 | 2.0 |
| 61 | Educational services | 13,532 | 18,223 | 17,377 | 19,532 | 16,667 | 18,919 | 17,484 | 22,615 | 23,238 | 27,390 | 13,858 | 102.4 |
| 62 | Health care and social assistance | 51,342 | 52,166 | 52,932 | 59,311 | 61,151 | 64,561 | 73,825 | 75,296 | 84,160 | 90,044 | 38,702 | 75.4 |
| 71 | Arts, entertainment, and recreation | 13,355 | 19,125 | 14,974 | 13,169 | 11,029 | 12,165 | 14,165 | 17,156 | 18,769 | 17,025 | 3,670 | 27.5 |
| 72 | Accommodation and food services | 23,328 | 26,307 | 21,365 | 22,409 | 21,036 | 20,641 | 30,718 | 36,217 | 38,021 | 40,515 | 17,187 | 73.7 |
| 81 | Other services (except public administration) | 16,902 | 21,125 | 29,006 | 21,269 | 26,035 | 19,701 | 20,105 | 25,959 | 29,680 | 28,309 | 11,407 | 67.5 |
|  | Structure and equipment expenditures serving multiple industries | 2,359 | 1,572 | 911 | 1,532 | 1,476 | 1,572 | 2,163 | 1,813 | 2,380 | 3,978 | 1,619 | 68.6 |

Note: Detail may not add to total because of rounding.
Source: Annual Capital Expenditures Survey

Table 2b. Relative Standard Errors for Total Capital Expenditures and Standard Errors for Difference and Percent Change for Companies With Employees by Industry Sector: 1999 to 2008
[Percent.]

| NAICS code | Industry | Year |  |  |  |  |  |  |  |  |  | 1999 to 2008 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Difference | Percent Change |
|  | Total expenditures | 1.3 | 1.1 | 0.8 | 1.1 | 0.8 | 1.0 | 0.7 | 1.1 | 1.0 | 0.9 | 12,723 | 1.5 |
| 113-115 | Forestry, fishing, and agricultural services | 7.6 | 8.9 | 13.1 | 12.5 | 15.3 | 10.2 | 13.5 | 11.9 | 16.9 | 7.1 | 319 | 18.4 |
| 21 | Mining | 3.0 | 5.9 | 3.6 | 1.3 | 6.4 | 3.5 | 2.8 | 3.8 | 2.1 | 2.7 | 2,243 | 10.6 |
| 22 | Utilities | 2.6 | 10.4 | 1.1 | 1.8 | 0.9 | 1.9 | 2.2 | 2.1 | 1.0 | 1.1 | 1,004 | 4.4 |
| 23 | Construction | 3.9 | 6.0 | 6.6 | 6.7 | 4.6 | 4.5 | 7.5 | 4.3 | 8.3 | 18.3 | 2,712 | 11.4 |
| 31-33 | Manufacturing | 1.5 | 1.2 | 0.5 | 1.1 | 1.0 | 1.8 | 1.0 | 1.4 | 1.0 | 4.4 | 2,599 | 1.3 |
| 321, 327, 33 | Durable goods industries | 2.1 | 1.7 | 0.8 | 1.2 | 2.0 | 2.8 | 1.6 | 1.5 | 1.4 | 1.1 | 2,147 | 1.7 |
| 31, 322-326 | Nondurable goods industries | 1.8 | 1.7 | 1.2 | 1.6 | 1.1 | 2.3 | 1.0 | 2.9 | 1.2 | 8.7 | 1,287 | 1.8 |
| 42 | Wholesale trade | 4.8 | 7.1 | 7.1 | 7.3 | 6.0 | 7.2 | 10.5 | 6.1 | 4.1 | 10.7 | 1,435 | 4.4 |
| 44-45 | Retail trade | 1.5 | 2.1 | 2.2 | 1.6 | 3.4 | 1.6 | 2.1 | 1.8 | 1.1 | 1.1 | 987 | 1.8 |
| 48-49 | Transportation and warehousing | 1.8 | 3.3 | 5.3 | 1.8 | 2.4 | 1.8 | 3.0 | 2.0 | 2.2 | 2.9 | 1,335 | 2.4 |
| 51 | Information | 2.4 | 2.3 | 2.1 | 1.3 | 1.9 | 0.8 | 0.8 | 0.9 | (z) | 0.8 | 2,897 | 2.0 |
| 52 | Finance and insurance | 0.8 | 0.9 | 1.4 | 1.1 | 1.5 | 5.2 | 0.9 | 1.7 | 1.0 | 2.8 | 1,504 | 1.2 |
| 53 | Real estate and rental and leasing | 9.0 | 3.7 | 2.7 | 7.6 | 5.0 | 5.5 | 3.5 | 8.2 | 6.6 | 6.1 | 8,480 | 9.8 |
| 54 | Professional, scientific, and technical services | 6.8 | 3.8 | 4.9 | 2.7 | 3.0 | 3.9 | 6.4 | 3.4 | 4.0 | 4.2 | 1,760 | 6.4 |
| 55 | Management of companies and enterprises | 2.0 | 19.4 | 5.1 | 4.2 | 4.3 | 15.2 | 4.7 | 3.3 | 2.3 | 5.0 | 115 | 1.6 |
| 56 | Administrative and support and waste management | 3.9 | 4.2 | 3.1 | 5.0 | 6.5 | 7.2 | 7.0 | 7.2 | 3.7 | 3.4 | 656 | 4.4 |
| 61 | Educational services | 5.3 | 6.5 | 2.7 | 4.3 | 6.3 | 6.4 | 4.9 | 6.9 | 6.3 | 8.1 | 1,268 | 10.1 |
| 62 | Health care and social assistance | 2.0 | 3.7 | 3.3 | 2.1 | 3.4 | 2.4 | 2.3 | 2.1 | 1.2 | 2.4 | 1,016 | 2.8 |
| 71 | Arts, entertainment, and recreation | 5.6 | 8.6 | 6.1 | 5.5 | 5.0 | 5.6 | 10.5 | 12.9 | 10.7 | 4.7 | 1,758 | 13.0 |
| 72 | Accommodation and food services | 3.0 | 15.1 | 6.0 | 6.7 | 7.2 | 3.5 | 9.9 | 10.5 | 5.6 | 12.8 | 1,901 | 8.0 |
| 81 | Other services (except public administration) | 7.1 | 9.1 | 12.6 | 6.9 | 13.1 | 8.6 | 14.3 | 12.6 | 10.8 | 9.6 | 2,819 | 16.7 |
|  | Structure and equipment expenditures serving multiple industries | 0.4 | 7.7 | 1.3 | 0.4 | 0.6 | 0.1 | (z) | 1.4 | 0.9 | (z) | 18 | 0.8 |

Note: (z) means that the relative standard error is less than 0.05 .
Source: Annual Capital Expenditures Survey

Table 3a. Composition of Total Capital Expenditures for Companies With Employees by Industry Sector: 1999 to 2008.
[Percent.]

| NAICS code | Industry | Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
| 113-115 | Forestry, fishing, and agricultural services | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 |
| 21 | Mining | 3.1 | 3.9 | 4.9 | 4.6 | 5.7 | 5.4 | 6.3 | 8.2 | 9.5 | 11.6 |
| 22 | Utilities | 4.4 | 5.6 | 7.9 | 7.1 | 6.2 | 5.3 | 5.5 | 5.7 | 6.7 | 7.6 |
| 23 | Construction | 2.4 | 2.3 | 2.4 | 2.7 | 2.6 | 3.0 | 2.8 | 2.5 | 2.9 | 3.2 |
| 31-33 | Manufacturing | 20.2 | 19.7 | 18.3 | 17.1 | 16.8 | 16.4 | 15.6 | 15.8 | 15.5 | 16.3 |
| 321, 327, 33 | Durable goods industries | 12.0 | 12.3 | 11.3 | 9.2 | 9.0 | 8.9 | 8.7 | 8.8 | 8.5 | 8.0 |
| 31, 322-326 | Nondurable goods industries | 8.1 | 7.4 | 7.0 | 8.0 | 7.8 | 7.5 | 6.9 | 7.0 | 7.1 | 8.4 |
| 42 | Wholesale trade | 3.3 | 3.1 | 2.8 | 2.9 | 2.9 | 3.4 | 3.8 | 3.0 | 2.4 | 2.5 |
| 44-45 | Retail trade | 6.6 | 6.4 | 6.4 | 6.5 | 7.4 | 7.6 | 6.9 | 7.1 | 6.5 | 5.7 |
| 48-49 | Transportation and warehousing | 5.9 | 5.5 | 5.5 | 5.1 | 5.0 | 4.8 | 5.4 | 5.6 | 5.3 | 6.1 |
| 51 | Information | 12.6 | 14.7 | 13.8 | 9.6 | 9.1 | 8.8 | 8.6 | 8.6 | 8.3 | 8.0 |
| 52 | Finance and insurance | 13.3 | 12.3 | 12.5 | 14.0 | 13.6 | 16.1 | 15.2 | 13.4 | 13.6 | 11.2 |
| 53 | Real estate and rental and leasing | 10.3 | 8.5 | 7.9 | 10.3 | 9.9 | 9.6 | 9.7 | 10.9 | 9.2 | 7.4 |
| 54 | Professional, scientific, and technical services | 3.0 | 3.1 | 2.9 | 2.8 | 2.8 | 2.8 | 3.1 | 2.5 | 2.5 | 2.5 |
| 55 | Management of companies and enterprises | 0.6 | 0.5 | 0.3 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 |
| 56 | Administrative and support and waste management | 1.7 | 1.6 | 1.5 | 1.6 | 1.9 | 1.8 | 1.7 | 1.6 | 1.4 | 1.3 |
| 61 | Educational services | 1.4 | 1.7 | 1.7 | 2.1 | 1.9 | 2.0 | 1.6 | 1.9 | 1.8 | 2.1 |
| 62 | Health care and social assistance | 5.3 | 4.8 | 5.0 | 6.5 | 6.9 | 6.8 | 6.9 | 6.2 | 6.6 | 7.0 |
| 71 | Arts, entertainment, and recreation | 1.4 | 1.8 | 1.4 | 1.4 | 1.2 | 1.3 | 1.3 | 1.4 | 1.5 | 1.3 |
| 72 | Accommodation and food services | 2.4 | 2.4 | 2.0 | 2.4 | 2.4 | 2.2 | 2.9 | 3.0 | 3.0 | 3.1 |
| 81 | Other services (except public administration) | 1.7 | 1.9 | 2.8 | 2.3 | 2.9 | 2.1 | 1.9 | 2.1 | 2.3 | 2.2 |
|  | Structure and equipment expenditures serving multiple industries | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 |

[^3]Table 3b. Standard Errors for Composition of Total Capital Expenditures for Companies With Employees by Industry Sector: 1999 to 2008
[Percent]

| NAICS code | Industry | Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
| 113-115 | Forestry, fishing, and agricultural services | (z) | (z) | (z) | (z) | (z) | (z) | (z) | (z) | (z) | (z) |
| 21 | Mining | 0.1 | 0.2 | 0.2 | 0.1 | 0.3 | 0.2 | 0.2 | 0.3 | 0.2 | 0.3 |
| 22 | Utilities | 0.1 | 0.6 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 23 | Construction | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.6 |
| 31-33 | Manufacturing | 0.3 | 0.2 | 0.1 | 0.2 | 0.2 | 0.3 | 0.1 | 0.2 | 0.2 | 0.7 |
| 321, 327, 33 | Durable goods industries | 0.2 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| 31, 322-326 | Nondurable goods industries | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.7 |
| 42 | Wholesale trade | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.4 | 0.2 | 0.1 | 0.3 |
| 44-45 | Retail trade | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| 48-49 | Transportation and warehousing | 0.1 | 0.2 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 |
| 51 | Information | 0.3 | 0.3 | 0.3 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 |
| 52 | Finance and insurance | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.8 | 0.1 | 0.8 | 0.1 | 0.3 |
| 53 | Real estate and rental and leasing | 0.9 | 0.3 | 0.2 | 0.7 | 0.5 | 0.5 | 0.3 | 0.1 | 0.6 | 0.4 |
| 54 | Professional, scientific, and technical services | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.0 | 0.1 | 0.1 |
| 55 | Management of companies and enterprises | (z) | 0.1 | (z) | (z) | (z) | (z) | (z) | 0.1 | 0.0 | 0.0 |
| 56 | Administrative and support and waste management | 0.1 | 0.1 | (z) | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| 61 | Educational services | 0.1 | 0.1 | (z) | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 |
| 62 | Health care and social assistance | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 |
| 71 | Arts, entertainment, and recreation | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.2 | 0.1 |
| 72 | Accommodation and food services | 0.1 | 0.4 | 0.1 | 0.2 | 0.2 | 0.1 | 0.3 | 0.3 | 0.2 | 0.4 |
| 81 | Other services (except public administration) | 0.1 | 0.2 | 0.3 | 0.1 | 0.4 | 0.2 | 0.3 | 0.3 | 0.2 | 0.2 |
|  | Structure and equipment expenditures serving multiple industries | (z) | (z) | (z) | (z) | (z) | (z) | (z) | (z) | (z) | (z) |

Note: (z) means that the standard error is less than 0.05.
Source: Annual Capital Expenditures Survey

Table 4a. Capital Expenditures for Structures and Equipment for Companies With Employees by Industry Sector: 1999 to 2008 [Millions of dollars.]

| NAICS code | Industry | Year |  |  |  |  |  |  |  |  |  | Average |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Capital expenditures | Percent of industry total |
| 113-115 | Total expenditures | 974,631 | 1,089,862 | 1,052,344 | 917,490 | 886,846 | 953,171 | 1,062,536 | 1,217,107 | 1,270,522 | 1,295,470 | 1,071,998 |  |
|  | Structures | 293,787 | 338,120 | 346,221 | 325,168 | 314,021 | 335,405 | 368,791 | 453,893 | 490,779 | 532,256 | 379,844 | 35.4 |
|  | Equipment | 680,843 | 751,742 | 706,123 | 592,321 | 572,825 | 617,766 | 693,745 | 763,215 | 779,744 | 763,214 | 692,154 | 64.6 |
|  | Forestry, fishing, and agricultural services | 1,716 | 1,488 | 1,532 | 1,910 | 1,894 | 2,081 | 2,702 | 2,672 | 2,149 | 2,372 | 2,052 |  |
|  | Structures | 344 | 139 | 226 | 184 | 202 | 324 | 344 | 391 | 469 | 426 | 305 | 14.9 |
|  | Equipment | 1,371 | 1,350 | 1,306 | 1,726 | 1,692 | 1,757 | 2,358 | 2,281 | 1,681 | 1,946 | 1,747 | 85.1 |
| 21 | Mining | 30,586 | 42,522 | 51,278 | 42,467 | 50,548 | 51,253 | 66,746 | 99,309 | 120,681 | 149,895 | 70,529 |  |
|  | Structures | 17,626 | 28,620 | 32,678 | 30,685 | 36,617 | 34,564 | 46,433 | 68,662 | 85,242 | 109,598 | 49,073 | 69.6 |
|  | Equipment | 12,960 | 13,902 | 18,600 | 11,783 | 13,931 | 16,689 | 20,313 | 30,647 | 35,440 | 40,297 | 21,456 | 30.4 |
| 22 | Utilities | 42,802 | 61,302 | 82,823 | 65,502 | 54,569 | 50,409 | 58,032 | 69,757 | 85,354 | 98,272 | 66,882 |  |
|  | Structures | 21,241 | 29,472 | 38,093 | 29,893 | 24,841 | 24,398 | 24,186 | 30,587 | 40,178 | 43,515 | 30,640 | 45.8 |
|  | Equipment | 21,561 | 31,830 | 44,731 | 35,609 | 29,729 | 26,011 | 33,847 | 39,170 | 45,176 | 54,757 | 36,242 | 54.2 |
| 23 | Construction | 23,110 | 25,049 | 24,802 | 24,773 | 23,159 | 28,627 | 30,072 | 30,257 | 36,692 | 41,690 | 28,823 |  |
|  | Structures | 1,753 | 2,803 | 3,859 | 1,710 | 1,676 | 4,511 | 2,544 | 2,556 | 3,529 | 11,126 | 3,607 | 12.5 |
|  | Equipment | 21,356 | 22,245 | 20,943 | 23,063 | 21,484 | 24,115 | 27,528 | 27,701 | 33,164 | 30,564 | 25,216 | 87.5 |
| 31-33 | Manufacturing | 196,399 | 214,827 | 192,835 | 157,243 | 149,065 | 156,651 | 165,634 | 192,364 | 197,298 | 211,357 | 183,367 |  |
|  | Structures | 33,985 | 39,434 | 39,815 | 32,643 | 31,108 | 31,823 | 34,132 | 41,617 | 42,458 | 49,119 | 37,613 | 20.5 |
|  | Equipment | 162,414 | 175,393 | 153,019 | 124,600 | 117,956 | 124,828 | 131,502 | 150,747 | 154,840 | 162,238 | 145,754 | 79.5 |
| 321, 327, 33 | Durable goods industries | 117,005 | 133,786 | 118,875 | 84,062 | 80,226 | 85,119 | 92,180 | 106,843 | 107,664 | 103,142 | 102,890 |  |
|  | Structures | 17,320 | 21,228 | 22,032 | 15,133 | 13,330 | 13,606 | 14,735 | 17,515 | 17,879 | 18,957 | 17,174 | 16.7 |
|  | Equipment | 99,685 | 112,558 | 96,844 | 68,929 | 66,895 | 71,513 | 77,444 | 89,328 | 89,786 | 84,185 | 85,717 | 83.3 |
| 31, 322-326 | Nondurable goods industries | 79,394 | 81,041 | 73,959 | 73,181 | 68,839 | 71,532 | 73,455 | 85,521 | 89,633 | 108,215 | 80,477 |  |
|  | Structures | 16,665 | 18,207 | 17,784 | 17,510 | 17,778 | 18,217 | 19,397 | 24,103 | 24,579 | 30,162 | 20,440 | 25.4 |
|  | Equipment | 62,729 | 62,835 | 56,176 | 55,671 | 51,061 | 53,315 | 54,058 | 61,419 | 65,054 | 78,053 | 60,037 | 74.6 |
| 42 | Wholesale trade | 32,442 | 33,579 | 29,981 | 26,789 | 26,014 | 32,314 | 40,578 | 36,600 | 30,776 | 32,941 | 32,201 |  |
|  | Structures | 7,264 | 8,923 | 6,932 | 5,885 | 5,615 | 7,133 | 9,184 | 10,375 | 7,526 | 8,638 | 7,748 | 24.1 |
|  | Equipment | 25,179 | 24,656 | 23,049 | 20,904 | 20,399 | 25,181 | 31,394 | 26,226 | 23,250 | 24,303 | 24,454 | 75.9 |
| 44-45 | Retail trade | 64,063 | 69,791 | 66,917 | 59,316 | 65,868 | 72,170 | 73,531 | 86,735 | 82,511 | 73,436 | 71,434 |  |
|  | Structures | 29,494 | 32,037 | 30,010 | 26,286 | 29,675 | 33,308 | 34,119 | 43,188 | 41,527 | 36,206 | 33,585 | 47.0 |
|  | Equipment | 34,569 | 37,754 | 36,906 | 33,030 | 36,193 | 38,862 | 39,412 | 43,547 | 40,983 | 37,230 | 37,849 | 53.0 |
| 48-49 | Transportation and warehousing | 57,299 | 59,851 | 57,756 | 47,124 | 44,460 | 46,054 | 56,926 | 68,021 | 67,351 | 79,580 | 58,442 |  |
|  | Structures | 14,122 | 13,457 | 16,594 | 14,498 | 13,005 | 13,992 | 17,855 | 20,852 | 23,712 | 29,906 | 17,799 | 30.5 |
|  | Equipment | 43,178 | 46,394 | 41,161 | 32,626 | 31,454 | 32,062 | 39,072 | 47,168 | 43,639 | 49,674 | 40,643 | 69.5 |
| 51 | Information | 122,827 | 160,177 | 144,793 | 88,156 | 80,524 | 83,488 | 91,373 | 104,373 | 106,084 | 103,424 | 108,522 |  |
|  | Structures | 34,924 | 41,502 | 41,742 | 33,607 | 30,765 | 28,636 | 31,977 | 31,947 | 29,081 | 28,907 | 33,309 | 30.7 |
|  | Equipment | 87,903 | 118,675 | 103,051 | 54,550 | 49,759 | 54,852 | 59,396 | 72,425 | 77,003 | 74,517 | 75,213 | 69.3 |
| 52 | Finance and insurance | 130,101 | 133,684 | 131,105 | 128,444 | 120,787 | 153,629 | 161,389 | 163,069 | 173,412 | 145,352 | 144,097 |  |
|  | Structures | 20,080 | 23,010 | 22,744 | 24,308 | 26,200 | 43,919 | 39,383 | 41,326 | 45,522 | 35,725 | 32,222 | 22.4 |
|  | Equipment | 110,021 | 110,675 | 108,361 | 103,956 | 94,587 | 109,710 | 122,005 | 121,743 | 127,890 | 109,627 | 111,858 | 77.6 |

Table 4a. Capital Expenditures for Structures and Equipment for Companies With Employees by Industry Sector: 1999 to 2008 [Millions of dollars.]

| NAICS code | Industry | Year |  |  |  |  |  |  |  |  |  | Average |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Capital expenditures | Percent of industry total |
| 53 | Real estate and rental and leasing | 100,629 | 92,456 | 82,674 | 94,529 | 87,952 | 91,606 | 103,022 | 132,073 | 117,451 | 96,045 | 99,844 |  |
|  | Structures | 33,903 | 24,815 | 20,489 | 35,579 | 25,028 | 27,277 | 24,791 | 40,794 | 40,859 | 37,215 | 31,075 | 31.1 |
|  | Equipment | 66,726 | 67,641 | 62,185 | 58,949 | 62,923 | 64,329 | 78,231 | 91,280 | 76,592 | 58,830 | 68,769 | 68.9 |
| 54 | Professional, scientific, and technical services | 29,546 | 34,055 | 30,464 | 25,864 | 24,703 | 26,688 | 33,066 | 30,284 | 31,804 | 32,738 | 29,921 |  |
|  | Structures | 6,780 | 8,141 | 7,258 | 7,129 | 5,314 | 6,007 | 8,717 | 6,971 | 7,453 | 8,667 | 7,244 | 24.2 |
|  | Equipment | 22,766 | 25,914 | 23,206 | 18,735 | 19,389 | 20,681 | 24,350 | 23,313 | 24,351 | 24,072 | 22,678 | 75.8 |
| 55 | Management of companies and enterprises | 6,065 | 5,054 | 3,035 | 3,430 | 3,298 | 3,186 | 2,809 | 3,306 | 4,542 | 4,561 | 3,929 |  |
|  | Structures | 1,668 | 1,570 | 933 | 933 | 925 | 788 | 857 | 875 | 1,472 | 1,298 | 1,132 | 28.8 |
|  | Equipment | 4,397 | 3,484 | 2,102 | 2,497 | 2,373 | 2,397 | 1,951 | 2,432 | 3,070 | 3,263 | 2,797 | 71.2 |
| 56 | Administrative and support and waste management | 16,227 | 17,506 | 15,785 | 14,719 | 16,612 | 17,455 | 18,194 | 19,231 | 18,167 | 16,546 | 17,044 |  |
|  | Structures | 2,875 | 4,032 | 3,527 | 3,276 | 3,976 | 2,567 | 3,051 | 3,613 | 3,859 | 4,134 | 3,491 | 20.5 |
|  | Equipment | 13,353 | 13,475 | 12,258 | 11,443 | 12,636 | 14,888 | 15,143 | 15,618 | 14,308 | 12,412 | 13,553 | 79.5 |
| 61 | Educational services | 13,532 | 18,223 | 17,377 | 19,532 | 16,667 | 18,919 | 17,484 | 22,615 | 23,238 | 27,390 | 19,498 |  |
|  | Structures | 9,767 | 13,699 | 12,852 | 14,655 | 11,984 | 13,728 | 12,711 | 17,537 | 17,910 | 21,694 | 14,654 | 75.2 |
|  | Equipment | 3,766 | 4,523 | 4,525 | 4,876 | 4,683 | 5,190 | 4,773 | 5,078 | 5,328 | 5,697 | 4,844 | 24.8 |
| 62 | Health care and social assistance | 51,342 | 52,166 | 52,932 | 59,311 | 61,151 | 64,561 | 73,825 | 75,296 | 84,160 | 90,044 | 66,479 |  |
|  | Structures | 25,922 | 26,868 | 27,030 | 30,291 | 30,996 | 32,608 | 39,089 | 41,197 | 45,361 | 49,945 | 34,931 | 52.5 |
|  | Equipment | 25,420 | 25,299 | 25,902 | 29,021 | 30,155 | 31,953 | 34,736 | 34,099 | 38,799 | 40,099 | 31,548 | 47.5 |
| 71 | Arts, entertainment, and recreation | 13,355 | 19,125 | 14,974 | 13,169 | 11,029 | 12,165 | 14,165 | 17,156 | 18,769 | 17,025 | 15,093 |  |
|  | Structures | 8,119 | 12,245 | 8,998 | 7,758 | 6,800 | 7,360 | 9,242 | 11,733 | 12,589 | 11,514 | 9,636 | 63.8 |
|  | Equipment | 5,236 | 6,880 | 5,976 | 5,412 | 4,229 | 4,804 | 4,924 | 5,424 | 6,180 | 5,511 | 5,458 | 36.2 |
| 72 | Accommodation and food services | 23,328 | 26,307 | 21,365 | 22,409 | 21,036 | 20,641 | 30,718 | 36,217 | 38,021 | 40,515 | 28,056 |  |
|  | Structures | 13,431 | 13,873 | 12,248 | 12,157 | 10,568 | 9,860 | 17,679 | 22,585 | 22,211 | 24,946 | 15,956 | 56.9 |
|  | Equipment | 9,897 | 12,434 | 9,117 | 10,252 | 10,468 | 10,781 | 13,039 | 13,632 | 15,810 | 15,569 | 12,100 | 43.1 |
| 81 | Other services (except public administration) | 16,902 | 21,125 | 29,006 | 21,269 | 26,035 | 19,701 | 20,105 | 25,959 | 29,680 | 28,309 | 23,809 |  |
|  | Structures | 9,975 | 13,274 | 20,031 | 13,261 | 18,518 | 12,278 | 12,036 | 16,621 | 19,165 | 18,673 | 15,383 | 64.6 |
|  | Equipment | 6,928 | 7,852 | 8,976 | 8,007 | 7,517 | 7,423 | 8,069 | 9,339 | 10,515 | 9,635 | 8,426 | 35.4 |
|  | Structure and equipment expenditures serving multiple industries | 2,359 | 1,572 | 911 | 1,532 | 1,476 | 1,572 | 2,163 | 1,813 | 2,380 | 3,978 | 1,976 |  |
|  | Structures | 516 | 206 | 163 | 250 | 209 | 321 | 460 | 467 | 656 | 1,002 | 425 | 21.5 |
|  | Equipment | 1,843 | 1,366 | 749 | 1,282 | 1,267 | 1,252 | 1,703 | 1,346 | 1,725 | 2,975 | 1,551 | 78.5 |

Note: Detail may not add to total because of rounding.
Source: Annual Capital Expenditures Survey

Table 4b. Relative Standard Errors for Structures and Equipment and Average Expenditures and
Standard Errors for Percent of Industry Total for Companies With Employees by Industry Sector: 1999 to 2008
[Percent.]

| NAICS code | Industry | Year |  |  |  |  |  |  |  |  |  | Average |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Capital expenditures | Percent of industry total |
| 113-115 | Total expenditures | 1.3 | 1.1 | 0.8 | 1.1 | 0.8 | 1.0 | 0.7 | 1.1 | 1.0 | 0.9 | 0.3 |  |
|  | Structures | 3.6 | 2.0 | 1.5 | 2.4 | 2.4 | 2.9 | 0.9 | 2.0 | 1.9 | 1.8 | 0.7 | 0.2 |
|  | Equipment | 0.9 | 0.9 | 0.8 | 0.6 | 0.6 | 0.6 | 1.0 | 1.2 | 0.7 | 1.1 | 0.3 | 0.2 |
|  | Forestry, fishing, and agricultural services | 7.6 | 8.9 | 13.1 | 12.5 | 15.3 | 10.2 | 13.5 | 11.9 | 16.9 | 7.1 | 4.4 |  |
|  | Structures | 13.9 | 8.2 | 17.0 | 18.1 | 27.7 | 31.5 | 16.5 | 22.0 | 33.7 | 11.1 | 8.9 | 1.1 |
|  | Equipment | 8.8 | 9.6 | 15.4 | 13.9 | 16.4 | 7.7 | 15.0 | 14.2 | 13.3 | 7.9 | 4.6 | 3.8 |
| 21 | Mining | 3.0 | 5.9 | 3.6 | 1.3 | 6.4 | 3.5 | 2.8 | 3.8 | 2.1 | 2.7 | 1.3 |  |
|  | Structures | 5.5 | 8.2 | 5.0 | 1.4 | 7.8 | 2.6 | 3.5 | 4.1 | 2.5 | 3.2 | 1.5 | 1.0 |
|  | Equipment | 2.0 | 4.9 | 3.5 | 2.7 | 6.0 | 9.1 | 3.5 | 5.9 | 2.9 | 2.7 | 1.7 | 0.5 |
| 22 | Utilities | 2.6 | 10.4 | 1.1 | 1.8 | 0.9 | 1.9 | 2.2 | 2.1 | 1.0 | 1.1 | 1.2 |  |
|  | Structures | 4.5 | 12.4 | 1.4 | 4.1 | 2.4 | 3.6 | 5.3 | 5.0 | 1.8 | 1.5 | 1.8 | 0.7 |
|  | Equipment | 2.7 | 8.7 | 1.6 | 1.1 | 1.2 | 1.5 | 1.0 | 1.8 | 1.2 | 1.6 | 1.0 | 0.6 |
| 23 | Construction | 3.9 | 6.0 | 6.6 | 6.7 | 4.6 | 4.5 | 7.5 | 4.3 | 8.3 | 18.3 | 2.1 |  |
|  | Structures | 12.2 | 35.8 | 16.4 | 11.1 | 11.8 | 25.9 | 12.9 | 7.4 | 9.3 | 68.5 | 7.1 | 0.6 |
|  | Equipment | 3.9 | 4.1 | 6.8 | 6.9 | 5.0 | 5.8 | 8.4 | 4.5 | 9.5 | 9.7 | 2.3 | 2.0 |
| 31-33 | Manufacturing | 1.5 | 1.2 | 0.5 | 1.1 | 1.0 | 1.8 | 1.0 | 1.4 | 1.0 | 4.4 | 0.4 |  |
|  | Structures | 1.5 | 2.2 | 1.2 | 3.1 | 1.5 | 2.9 | 1.5 | 2.7 | 1.5 | 4.4 | 0.7 | 0.1 |
|  | Equipment | 1.7 | 1.2 | 0.6 | 1.1 | 1.2 | 1.6 | 1.2 | 1.4 | 1.3 | 4.9 | 0.4 | 0.3 |
| 321, 327, 33 | Durable goods industries | 2.1 | 1.7 | 0.8 | 1.2 | 2.0 | 2.8 | 1.6 | 1.5 | 1.4 | 1.1 | 0.6 |  |
|  | Structures | 1.8 | 3.2 | 2.5 | 3.1 | 1.8 | 5.5 | 2.0 | 2.7 | 1.5 | 5.0 | 0.9 | 0.1 |
|  | Equipment | 2.5 | 1.6 | 0.8 | 1.1 | 2.4 | 2.4 | 2.0 | 1.8 | 1.6 | 0.9 | 0.6 | 0.5 |
| 31, 322-326 | Nondurable goods industries | 1.8 | 1.7 | 1.2 | 1.6 | 1.1 | 2.3 | 1.0 | 2.9 | 1.2 | 8.7 | 0.6 |  |
|  | Structures | 1.5 | 3.3 | 3.2 | 5.4 | 2.0 | 4.4 | 1.9 | 4.5 | 2.3 | 7.2 | 1.2 | 0.3 |
|  | Equipment | 2.2 | 2.1 | 1.3 | 1.7 | 1.1 | 1.9 | 1.0 | 2.6 | 1.7 | 10.3 | 0.6 | 0.5 |
| 42 | Wholesale trade | 4.8 | 7.1 | 7.1 | 7.3 | 6.0 | 7.2 | 10.5 | 6.1 | 4.1 | 10.7 | 2.4 |  |
|  | Structures | 11.3 | 16.2 | 11.4 | 12.8 | 11.1 | 15.1 | 15.3 | 11.7 | 8.3 | 9.0 | 4.4 | 0.9 |
|  | Equipment | 5.4 | 6.4 | 7.1 | 8.2 | 7.1 | 6.6 | 9.9 | 6.8 | 4.5 | 12.2 | 2.4 | 1.8 |
| 44-45 | Retail trade | 1.5 | 2.1 | 2.2 | 1.6 | 3.4 | 1.6 | 2.1 | 1.8 | 1.1 | 1.1 | 0.7 |  |
|  | Structures | 2.0 | 3.5 | 2.2 | 1.8 | 2.1 | 2.0 | 3.9 | 2.9 | 1.4 | 1.6 | 0.9 | 0.4 |
|  | Equipment | 2.0 | 2.3 | 3.0 | 2.2 | 5.3 | 2.0 | 1.4 | 1.4 | 1.3 | 1.7 | 0.8 | 0.4 |
| 48-49 | Transportation and warehousing | 1.8 | 3.3 | 5.3 | 1.8 | 2.4 | 1.8 | 3.0 | 2.0 | 2.2 | 2.9 | 1.0 |  |
|  | Structures | 1.8 | 1.4 | 11.5 | 1.6 | 4.2 | 4.7 | 4.3 | 1.3 | 1.6 | 2.9 | 1.5 | 0.4 |
|  | Equipment | 2.1 | 4.1 | 3.6 | 2.7 | 2.5 | 1.8 | 3.5 | 2.9 | 3.3 | 4.8 | 1.1 | 0.7 |
| 51 | Information | 2.4 | 2.3 | 2.1 | 1.3 | 1.9 | 0.8 | 0.8 | 0.9 | 0.5 | 0.8 | 0.6 |  |
|  | Structures | 2.5 | 1.4 | 1.6 | 1.8 | 2.2 | 1.1 | 1.1 | 1.3 | 1.3 | 1.0 | 0.6 | 0.2 |
|  | Equipment | 3.0 | 3.1 | 2.6 | 1.2 | 2.1 | 1.2 | 1.1 | 1.0 | 0.4 | 0.9 | 0.8 | 0.5 |
| 52 | Finance and insurance | 0.8 | 0.9 | 1.4 | 1.1 | 1.5 | 5.2 | 0.9 | 1.7 | 1.0 | 2.8 | 0.7 |  |
|  | Structures | 4.4 | 5.5 | 7.6 | 4.8 | 7.0 | 17.3 | 3.1 | 5.7 | 3.2 | 6.6 | 3.1 | 0.6 |
|  | Equipment | 0.8 | 0.4 | 0.8 | 0.5 | 0.9 | 0.9 | 0.4 | 0.6 | 0.9 | 1.6 | 0.2 | 0.5 |

Table 4b. Relative Standard Errors for Structures and Equipment and Average Expenditures and Standard Errors for Percent of Industry Total for Companies With Employees by Industry Sector: 1999 to 2008 [Percent.]

| NAICS code | Industry | Year |  |  |  |  |  |  |  |  |  | Average |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | Capital expenditures | Percent of industry total |
| 53 | Real estate and rental and leasing | 9.0 | 3.7 | 2.7 | 7.6 | 5.0 | 5.5 | 3.5 | 8.2 | 6.6 | 6.1 | 2.2 |  |
|  | Structures | 23.0 | 13.9 | 10.0 | 18.8 | 16.3 | 18.4 | 12.6 | 23.7 | 17.2 | 12.0 | 6.4 | 1.7 |
|  | Equipment | 6.5 | 1.8 | 1.7 | 3.9 | 2.2 | 2.8 | 1.6 | 6.4 | 2.9 | 3.9 | 1.3 | 1.3 |
| 54 | Professional, scientific, and technical services | 6.8 | 3.8 | 4.9 | 2.7 | 3.0 | 3.9 | 6.4 | 3.4 | 4.0 | 4.2 | 1.6 |  |
|  | Structures | 9.2 | 8.5 | 5.5 | 5.5 | 6.0 | 10.0 | 19.9 | 5.2 | 5.4 | 6.3 | 3.5 | 0.7 |
|  | Equipment | 6.7 | 3.5 | 4.9 | 3.4 | 3.0 | 3.6 | 4.6 | 4.2 | 4.2 | 4.4 | 1.5 | 1.2 |
| 55 | Management of companies and enterprises | 2.0 | 19.4 | 5.1 | 4.2 | 4.3 | 15.2 | 4.7 | 3.3 | 2.3 | 5.0 | 3.3 |  |
|  | Structures | 3.1 | 32.4 | 12.5 | 6.4 | 5.9 | 16.1 | 5.3 | 9.3 | 5.9 | 7.8 | 5.6 | 1.4 |
|  | Equipment | 2.2 | 13.7 | 3.5 | 5.4 | 4.4 | 15.7 | 5.6 | 2.6 | 1.5 | 4.0 | 2.7 | 2.2 |
| 56 | Administrative and support and waste management | 3.9 | 4.2 | 3.1 | 5.0 | 6.5 | 7.2 | 7.0 | 7.2 | 3.7 | 3.4 | 1.9 |  |
|  | Structures | 5.5 | 7.7 | 5.2 | 14.9 | 18.9 | 4.7 | 8.7 | 9.4 | 6.3 | 6.3 | 3.5 | 0.6 |
|  | Equipment | 4.4 | 5.5 | 3.8 | 5.1 | 6.4 | 8.2 | 7.3 | 7.7 | 3.9 | 4.0 | 2.1 | 1.6 |
| 61 | Educational services | 5.3 | 6.5 | 2.7 | 4.3 | 6.3 | 6.4 | 4.9 | 6.9 | 6.3 | 8.1 | 2.0 |  |
|  | Structures | 7.2 | 8.1 | 3.4 | 4.9 | 5.7 | 8.3 | 5.5 | 8.2 | 7.5 | 10.0 | 2.3 | 1.6 |
|  | Equipment | 2.9 | 4.5 | 4.2 | 4.9 | 11.7 | 4.2 | 6.0 | 6.1 | 5.8 | 5.8 | 2.0 | 0.5 |
| 62 | Health care and social assistance | 2.0 | 3.7 | 3.3 | 2.1 | 3.4 | 2.4 | 2.3 | 2.1 | 1.2 | 2.4 | 0.8 |  |
|  | Structures | 3.7 | 5.8 | 4.7 | 3.3 | 2.9 | 3.9 | 3.7 | 3.6 | 1.6 | 3.0 | 1.2 | 0.6 |
|  | Equipment | 1.4 | 2.6 | 4.1 | 1.9 | 4.9 | 1.9 | 2.4 | 2.0 | 1.4 | 2.2 | 0.9 | 0.4 |
| 71 | Arts, entertainment, and recreation | 5.6 | 8.6 | 6.1 | 5.5 | 5.0 | 5.6 | 10.5 | 12.9 | 10.7 | 4.7 | 3.0 |  |
|  | Structures | 5.8 | 13.0 | 5.1 | 7.5 | 6.1 | 7.4 | 13.3 | 16.2 | 15.0 | 7.0 | 4.2 | 2.4 |
|  | Equipment | 7.8 | 4.7 | 11.3 | 6.1 | 5.7 | 4.8 | 7.0 | 7.5 | 6.2 | 5.4 | 2.4 | 1.0 |
| 72 | Accommodation and food services | 3.0 | 15.1 | 6.0 | 6.7 | 7.2 | 3.5 | 9.9 | 10.5 | 5.6 | 12.8 | 3.0 |  |
|  | Structures | 5.2 | 13.7 | 8.5 | 8.7 | 9.1 | 3.8 | 15.3 | 12.0 | 6.2 | 17.0 | 3.6 | 1.9 |
|  | Equipment | 3.7 | 17.1 | 5.2 | 6.2 | 6.8 | 5.4 | 4.9 | 8.7 | 5.8 | 7.1 | 2.8 | 1.3 |
| 81 | Other services (except public administration) | 7.1 | 9.1 | 12.6 | 6.9 | 13.1 | 8.6 | 14.3 | 12.6 | 10.8 | 9.6 | 3.8 |  |
|  | Structures | 12.1 | 14.4 | 17.3 | 11.3 | 16.8 | 12.5 | 23.3 | 18.9 | 15.2 | 14.3 | 5.6 | 3.2 |
|  | Equipment | 7.0 | 6.5 | 6.2 | 7.5 | 6.1 | 4.4 | 8.8 | 9.9 | 7.0 | 8.9 | 2.5 | 1.2 |
|  | Structure and equipment expenditures serving multiple industries | 0.4 | 7.7 | 1.3 | 0.4 | 0.6 | 0.1 | 0.5 | 1.4 | 0.9 | 0.2 | 0.8 |  |
|  | Structures | 1.3 |  | 0.2 | 1.6 | 0.8 | 0.1 | 0.8 | 2.5 | 0.1 | 0.1 | 0.5 | 0.1 |
|  | Equipment | 0.2 | 8.8 | 1.6 | 0.2 | 0.6 | 0.1 | 0.4 | 1.0 | 1.2 | 0.2 | 1.0 | 0.7 |

- Represents zero.

Source: Annual Capital Expenditures Surve

Table 4c. Structures and Equipment Share of Capital Expenditures for Companies With Employees by Industry Sector: 1999 to 2008
[Millions of dollars.]
[Millions of
[Percent.]

| NAICS code | Industry | Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
| 113-115 | Total expenditures | 974,631 | 1,089,862 | 1,052,344 | 917,490 | 886,846 | 953,171 | 1,062,536 | 1,217,107 | 1,270,522 | 1,295,470 |
|  | Structures | 30.1 | 31.0 | 32.9 | 35.4 | 35.4 | 35.2 | 34.7 | 37.3 | 38.6 | 41.1 |
|  | Equipment | 69.9 | 69.0 | 67.1 | 64.6 | 64.6 | 64.8 | 65.3 | 62.7 | 61.4 | 58.9 |
|  | Forestry, fishing, and agricultural services | 1,716 | 1,488 | 1,532 | 1,910 | 1,894 | 2,081 | 2,702 | 2,672 | 2,149 | 2,372 |
|  | Structures | 20.0 | 9.3 | 14.8 | 9.6 | 10.7 | 15.6 | 12.7 | 14.6 | 21.8 | 18.0 |
|  | Equipment | 79.9 | 90.7 | 85.2 | 90.4 | 89.3 | 84.4 | 87.3 | 85.4 | 78.2 | 82.0 |
| 21 | Mining | 30,586 | 42,522 | 51,278 | 42,467 | 50,548 | 51,253 | 66,746 | 99,309 | 120,681 | 149,895 |
|  | Structures | 57.6 | 67.3 | 63.7 | 72.3 | 72.4 | 67.4 | 69.6 | 69.1 | 70.6 | 73.1 |
| 22 | Equipment | 42.4 | 32.7 | 36.3 | 27.7 | 27.6 | 32.6 | 30.4 | 30.9 | 29.4 | 26.9 |
|  | Utilities | 42,802 | 61,302 | 82,823 | 65,502 | 54,569 | 50,409 | 58,032 | 69,757 | 85,354 | 98,272 |
|  | Structures | 49.6 | 48.1 | 46.0 | 45.6 | 45.5 | 48.4 | 41.7 | 43.8 | 47.1 | 44.3 |
|  | Equipment | 50.4 | 51.9 | 54.0 | 54.4 | 54.5 | 51.6 | 58.3 | 56.2 | 52.9 | 55.7 |
| 23 | Construction | 23,110 | 25,049 | 24,802 | 24,773 | 23,159 | 28,627 | 30,072 | 30,257 | 36,692 | 41,690 |
|  | Structures | 7.6 | 11.2 | 15.6 | 7.6 | 7.2 | 15.8 | 8.5 | 8.4 | 9.6 | 26.7 |
|  | Equipment | 92.4 | 88.8 | 84.4 | 93.1 | 92.8 | 84.2 | 91.5 | 91.6 | 90.4 | 73.3 |
| 31-33 | Manufacturing | 196,399 | 214,827 | 192,835 | 157,243 | 149,065 | 156,651 | 165,634 | 192,364 | 197,298 | 211,357 |
|  | Structures | 17.3 | 18.4 | 20.6 | 20.8 | 20.9 | 20.3 | 20.6 | 21.6 | 21.5 | 23.2 |
|  | Equipment | 82.7 | 81.6 | 79.4 | 79.2 | 79.1 | 79.7 | 79.4 | 78.4 | 78.5 | 76.8 |
| 321, 327, 33 | Durable goods industries | 117,005 | 133,786 | 118,875 | 84,062 | 80,226 | 85,119 | 92,180 | 106,843 | 107,664 | 103,142 |
|  | Structures | 14.8 | 15.9 | 18.5 | 18.0 | 16.6 | 16.0 | 16.0 | 16.4 | 16.6 | 18.4 |
|  | Equipment | 85.2 | 84.1 | 81.5 | 82.0 | 83.4 | 84.0 | 84.0 | 83.6 | 83.4 | 81.6 |
| 31, 322-326 | Nondurable goods industries | 79,394 | 81,041 | 73,959 | 73,181 | 68,839 | 71,532 | 73,455 | 85,521 | 89,633 | 108,215 |
|  | Structures | 21.0 | 22.5 | 24.0 | 23.9 | 25.8 | 25.5 | 26.4 | 28.2 | 27.4 | 27.9 |
|  | Equipment | 79.0 | 77.5 | 76.0 | 76.1 | 74.2 | 74.5 | 73.6 | 71.8 | 72.6 | 72.1 |
| 42 | Wholesale trade | 32,442 | 33,579 | 29,981 | 26,789 | 26,014 | 32,314 | 40,578 | 36,600 | 30,776 | 32,941 |
|  | Structures | 22.4 | 26.6 | 23.1 | 22.0 | 21.6 | 22.1 | 22.6 | 28.3 | 24.5 | 26.2 |
|  | Equipment | 77.6 | 73.4 | 76.9 | 78.0 | 78.4 | 77.9 | 77.4 | 71.7 | 75.5 | 73.8 |
| 44-45 | Retail trade | 64,063 | 69,791 | 66,917 | 59,316 | 65,868 | 72,170 | 73,531 | 86,735 | 82,511 | 73,436 |
|  | Structures | 46.0 | 45.9 | 44.8 | 44.3 | 45.1 | 46.2 | 46.4 | 49.8 | 50.3 | 49.3 |
|  | Equipment | 54.0 | 54.1 | 55.2 | 55.7 | 54.9 | 53.8 | 53.6 | 50.2 | 49.7 | 50.7 |
| 48-49 | Transportation and warehousing | 57,299 | 59,851 | 57,756 | 47,124 | 44,460 | 46,054 | 56,926 | 68,021 | 67,351 | 79,580 |
|  | Structures | 24.6 | 22.5 | 28.7 | 30.8 | 29.3 | 30.4 | 31.4 | 30.7 | 35.2 | 37.6 |
|  | Equipment | 75.4 | 77.5 | 71.3 | 69.2 | 70.7 | 69.6 | 68.6 | 69.3 | 64.8 | 62.4 |
| 51 | Information | 122,827 | 160,177 | 144,793 | 88,156 | 80,524 | 83,488 | 91,373 | 104,373 | 106,084 | 103,424 |
|  | Structures | 28.4 | 25.9 | 28.8 | 38.1 | 38.2 | 34.3 | 35.0 | 30.6 | 27.4 | 27.9 |
|  | Equipment | 71.6 | 74.1 | 71.2 | 61.9 | 61.8 | 65.7 | 65.0 | 69.4 | 72.6 | 72.1 |
| 52 | Finance and insurance | 130,101 | 133,684 | 131,105 | 128,444 | 120,787 | 153,629 | 161,389 | 163,069 | 173,412 | 145,352 |
|  | Structures | 15.4 | 17.2 | 17.3 | 18.9 | 21.7 | 28.6 | 24.4 | 25.3 | 26.3 | 24.6 |
|  | Equipment | 84.6 | 82.8 | 82.7 | 80.9 | 78.3 | 71.4 | 75.6 | 74.7 | 73.7 | 75.4 |

Table 4c. Structures and Equipment Share of Capital Expenditures for Companies With Employees by Industry Sector: 1999 to 2008
[Millions of dollars.]
[Millions of
[Percent.]

| NAICS code | Industry | Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
| 53 | Real estate and rental and leasing | 100,629 | 92,456 | 82,674 | 94,529 | 87,952 | 91,606 | 103,022 | 132,073 | 117,451 | 96,045 |
|  | Structures | 33.7 | 26.8 | 24.8 | 37.6 | 28.5 | 29.8 | 24.1 | 30.9 | 34.8 | 38.7 |
|  | Equipment | 66.3 | 73.2 | 75.2 | 62.4 | 71.5 | 70.2 | 75.9 | 69.1 | 65.2 | 61.3 |
| 54 | Professional, scientific, and technical services | 29,546 | 34,055 | 30,464 | 25,864 | 24,703 | 26,688 | 33,066 | 30,284 | 31,804 | 32,738 |
|  | Structures | 22.9 | 23.9 | 23.8 | 27.6 | 21.5 | 22.5 | 26.4 | 23.0 | 23.4 | 26.5 |
|  | Equipment | 77.1 | 76.1 | 76.2 | 72.4 | 78.5 | 77.5 | 73.6 | 77.0 | 76.6 | 73.5 |
| 55 | Management of companies and enterprises | 6,065 | 5,054 | 3,035 | 3,430 | 3,298 | 3,186 | 2,809 | 3,306 | 4,542 | 4,561 |
|  | Structures | 27.5 | 31.1 | 30.7 | 27.2 | 28.0 | 24.7 | 30.5 | 26.5 | 32.4 | 28.5 |
|  | Equipment | 72.5 | 68.9 | 69.3 | 72.8 | 72.0 | 75.2 | 69.5 | 73.6 | 67.6 | 71.5 |
| 56 | Administrative and support and waste management | 16,227 | 17,506 | 15,785 | 14,719 | 16,612 | 17,455 | 18,194 | 19,231 | 18,167 | 16,546 |
|  | Structures | 17.7 | 23.0 | 22.3 | 22.3 | 23.9 | 14.7 | 16.8 | 18.8 | 21.2 | 25.0 |
|  | Equipment | 82.3 | 77.0 | 77.7 | 77.7 | 76.1 | 85.3 | 83.2 | 81.2 | 78.8 | 75.0 |
| 61 | Educational services | 13,532 | 18,223 | 17,377 | 19,532 | 16,667 | 18,919 | 17,484 | 22,615 | 23,238 | 27,390 |
|  | Structures | 72.2 | 75.2 | 74.0 | 75.0 | 71.9 | 72.6 | 72.7 | 77.5 | 77.1 | 79.2 |
|  | Equipment | 27.8 | 24.8 | 26.0 | 25.0 | 28.1 | 27.4 | 27.3 | 22.5 | 22.9 | 20.8 |
| 62 | Health care and social assistance | 51,342 | 52,166 | 52,932 | 59,311 | 61,151 | 64,561 | 73,825 | 75,296 | 84,160 | 90,044 |
|  | Structures | 50.5 | 51.5 | 51.1 | 51.1 | 50.7 | 50.5 | 52.9 | 54.7 | 53.9 | 55.5 |
|  | Equipment | 49.5 | 48.5 | 48.9 | 48.9 | 49.3 | 49.5 | 47.1 | 45.3 | 46.1 | 44.5 |
| 71 | Arts, entertainment, and recreation | 13,355 | 19,125 | 14,974 | 13,169 | 11,029 | 12,165 | 14,165 | 17,156 | 18,769 | 17,025 |
|  | Structures | 60.8 | 64.0 | 60.1 | 58.9 | 61.7 | 60.5 | 65.2 | 68.4 | 67.1 | 67.6 |
|  | Equipment | 39.2 | 36.0 | 39.9 | 41.1 | 38.3 | 39.5 | 34.8 | 31.6 | 32.9 | 32.4 |
| 72 | Accommodation and food services | 23,328 | 26,307 | 21,365 | 22,409 | 21,036 | 20,641 | 30,718 | 36,217 | 38,021 | 40,515 |
|  | Structures | 57.6 | 52.7 | 57.3 | 54.3 | 50.2 | 47.8 | 57.6 | 62.4 | 58.4 | 61.6 |
|  | Equipment | 42.4 | 47.3 | 42.7 | 45.7 | 49.8 | 52.2 | 42.4 | 37.6 | 41.6 | 38.4 |
| 81 | Other services (except public administration) | 16,902 | 21,125 | 29,006 | 21,269 | 26,035 | 19,701 | 20,105 | 25,959 | 29,680 | 28,309 |
|  | Structures | 59.0 | 62.8 | 69.1 | 62.3 | 71.1 | 62.3 | 59.9 | 64.0 | 64.6 | 66.0 |
|  | Equipment | 41.0 | 37.2 | 30.9 | 37.6 | 28.9 | 37.7 | 40.1 | 36.0 | 35.4 | 34.0 |
|  | Structure and equipment expenditures serving multiple industries | 2,359 | 1,572 | 911 | 1,532 | 1,476 | 1,572 | 2,163 | 1,813 | 2,380 | 3,978 |
|  | Structures | 21.9 | 13.1 | 17.9 | 16.3 | 14.2 | 20.4 | 21.3 | 25.8 | 27.6 | 25.2 |
|  | Equipment | 78.1 | 86.9 | 82.2 | 83.7 | 85.8 | 79.6 | 78.7 | 74.2 | 72.5 | 74.8 |

Note: Percentages may not add to 100 because of rounding.
Source: Annual Capital Expenditures Survey

Table 4d. Standard Errors for Structures and Equipment Share of Capital Expenditures for Companies
With Employees by Industry Sector: 1999 to 2008
[Percent.]

| NAICS code | Industry | Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
| 113-115 | Total expenditures |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 1.0 | 0.5 | 0.4 | 0.7 | 0.7 | 0.9 | 0.3 | 0.6 | 0.6 | 0.6 |
|  | Equipment | 0.8 | 0.7 | 0.5 | 0.6 | 0.5 | 0.6 | 0.6 | 0.7 | 0.5 | 0.6 |
|  | Forestry, fishing, and agricultural services |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 2.4 | 0.8 | 2.3 | 1.5 | 2.6 | 4.3 | 1.9 | 2.8 | 6.4 | 1.7 |
|  | Equipment | 6.6 | 8.4 | 12.3 | 12.0 | 14.2 | 7.8 | 12.5 | 11.3 | 12.1 | 6.2 |
| 21 | Mining |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 2.7 | 4.9 | 2.8 | 1.0 | 5.2 | 2.1 | 2.2 | 2.7 | 1.6 | 2.2 |
|  | Equipment | 1.1 | 1.8 | 1.3 | 0.6 | 1.7 | 2.6 | 1.0 | 1.6 | 0.8 | 0.7 |
| 22 | Utilities |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 1.9 | 5.5 | 0.6 | 1.6 | 1.0 | 1.5 | 1.9 | 1.9 | 0.7 | 0.6 |
|  | Equipment | 1.3 | 5.0 | 0.8 | 0.9 | 0.6 | 0.9 | 1.1 | 1.1 | 0.6 | 0.8 |
| 23 | Construction |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 0.8 | 3.7 | 2.2 | 0.7 | 0.7 | 3.8 | 0.9 | 0.5 | 0.9 | 16.4 |
|  | Equipment | 3.6 | 4.7 | 5.7 | 6.3 | 4.5 | 4.4 | 7.3 | 4.0 | 8.1 | 11.6 |
| 31-33 | Manufacturing |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 0.3 | 0.4 | 0.2 | 0.6 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 1.0 |
|  | Equipment | 1.3 | 1.0 | 0.4 | 0.9 | 0.9 | 1.4 | 0.9 | 1.1 | 0.9 | 3.6 |
| 321, 327, 33 | Durable goods industries |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 0.3 | 0.4 | 0.4 | 0.5 | 0.3 | 0.8 | 0.3 | 0.4 | 0.2 | 0.8 |
|  | Equipment | 2.0 | 1.4 | 0.7 | 0.9 | 1.9 | 2.2 | 1.5 | 1.4 | 1.3 | 0.8 |
| 31, 322-326 | Nondurable goods industries |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 0.4 | 0.6 | 0.7 | 1.1 | 0.4 | 1.0 | 0.4 | 1.1 | 0.5 | 2.3 |
|  | Equipment | 1.6 | 1.5 | 1.0 | 1.3 | 0.8 | 1.6 | 0.7 | 2.0 | 1.1 | 6.9 |
| 42 | Wholesale trade |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 2.2 | 3.7 | 2.3 | 2.4 | 2.1 | 2.9 | 3.1 | 2.9 | 1.8 | 2.6 |
|  | Equipment | 4.0 | 5.0 | 5.5 | 6.1 | 5.2 | 5.4 | 7.9 | 4.6 | 3.3 | 8.5 |
| 44-45 | Retail trade |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 0.8 | 1.4 | 1.0 | 0.8 | 1.3 | 0.8 | 1.6 | 1.3 | 0.6 | 0.7 |
|  | Equipment | 1.0 | 1.2 | 1.5 | 1.1 | 2.6 | 1.0 | 1.0 | 0.8 | 0.6 | 0.8 |
| 48-49 | Transportation and warehousing |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 0.4 | 0.6 | 2.9 | 0.5 | 1.1 | 1.2 | 1.2 | 0.5 | 0.7 | 1.1 |
|  | Equipment | 1.5 | 2.9 | 3.3 | 1.6 | 1.7 | 1.3 | 2.3 | 1.8 | 1.9 | 2.6 |
| 51 | Information |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 0.7 | 0.5 | 0.5 | 0.6 | 0.8 | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 |
|  | Equipment | 2.0 | 2.1 | 1.7 | 0.8 | 1.2 | 0.7 | 0.6 | 0.7 | 0.3 | 0.6 |
| 52 | Finance and insurance |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 0.6 | 0.9 | 1.2 | 0.8 | 1.4 | 4.4 | 0.7 | 1.3 | 0.7 | 1.4 |
|  | Equipment | 0.7 | 0.6 | 1.0 | 0.8 | 1.0 | 3.4 | 0.6 | 1.1 | 0.7 | 1.8 |

Table 4d. Standard Errors for Structures and Equipment Share of Capital Expenditures for Companies
With Employees by Industry Sector: 1999 to 2008
[Percent.]

| NAICS code | Industry | Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |
| 53 | Real estate and rental and leasing |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 6.8 | 3.3 | 2.2 | 6.2 | 4.1 | 4.9 | 2.7 | 6.4 | 5.2 | 4.0 |
|  | Equipment | 5.3 | 2.3 | 1.8 | 4.1 | 3.1 | 3.3 | 2.3 | 5.2 | 3.7 | 3.3 |
| 54 | Professional, scientific, and technical services |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 1.9 | 1.8 | 1.2 | 1.3 | 1.1 | 2.0 | 4.6 | 1.1 | 1.1 | 1.5 |
|  | Equipment | 5.2 | 2.8 | 3.7 | 2.3 | 2.4 | 2.9 | 4.2 | 3.0 | 3.1 | 3.2 |
| 55 | Management of companies and enterprises |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 0.7 | 8.8 | 3.3 | 1.5 | 1.5 | 3.9 | 1.5 | 2.2 | 1.7 | 1.9 |
|  | Equipment | 1.5 | 11.9 | 3.1 | 3.6 | 3.1 | 11.6 | 3.6 | 2.2 | 1.4 | 3.3 |
| 56 | Administrative and support and waste management |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 0.9 | 1.5 | 1.0 | 2.9 | 4.0 | 0.9 | 1.3 | 1.6 | 1.2 | 1.4 |
|  | Equipment | 3.4 | 3.8 | 2.7 | 3.9 | 4.9 | 6.6 | 6.0 | 6.1 | 3.0 | 2.8 |
| 61 | Educational services |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 4.7 | 5.6 | 2.3 | 3.5 | 4.3 | 5.5 | 3.8 | 5.9 | 5.4 | 7.3 |
|  | Equipment | 1.3 | 1.4 | 1.0 | 1.2 | 2.8 | 1.5 | 1.5 | 1.5 | 1.4 | 1.5 |
| 62 | Health care and social assistance |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 1.6 | 2.6 | 2.1 | 1.5 | 1.6 | 1.7 | 1.7 | 1.7 | 0.8 | 1.5 |
|  | Equipment | 0.9 | 1.6 | 1.8 | 1.0 | 2.1 | 1.1 | 1.1 | 0.9 | 0.6 | 1.0 |
| 71 | Arts, entertainment, and recreation |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 3.5 | 7.3 | 3.4 | 4.0 | 3.5 | 4.0 | 7.9 | 10.1 | 9.0 | 4.2 |
|  | Equipment | 2.7 | 2.7 | 3.9 | 2.4 | 2.1 | 2.1 | 3.2 | 3.5 | 3.1 | 1.6 |
| 72 | Accommodation and food services |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 2.6 | 7.6 | 4.3 | 4.3 | 4.2 | 1.7 | 7.7 | 7.1 | 3.5 | 9.4 |
|  | Equipment | 1.4 | 7.7 | 2.4 | 3.0 | 3.5 | 2.5 | 3.6 | 3.7 | 2.4 | 4.3 |
| 81 | Other services (except public administration) |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 6.2 | 7.9 | 10.7 | 6.2 | 10.9 | 6.9 | 12.2 | 10.7 | 8.7 | 8.3 |
|  | Equipment | 2.9 | 3.0 | 3.4 | 2.7 | 3.3 | 2.8 | 5.0 | 4.1 | 3.4 | 3.2 |
|  | Structure and equipment expenditures serving multiple industries |  |  |  |  |  |  |  |  |  |  |
|  | Structures | 0.3 | 1.0 | 0.2 | 0.2 | 0.1 | (z) | 0.1 | 0.6 | 0.2 | 0.0 |
|  | Equipment | 0.3 | 7.2 | 1.2 | 0.3 | 0.5 | 0.1 | 0.4 | 0.9 | 0.8 | 0.1 |

Note: (z) means that the standard error is less than 0.05.
Source: Annual Capital Expenditures Survey


[^0]:    ${ }^{2}$ The ACES survey collects industry detail only for companies with employees; hence all estimates of capital spending by sector in this report are for employer businesses. On average over the period 19992008, these companies accounted for about 93 percent of total annual structures and equipment spending by U.S. businesses.

[^1]:    ${ }^{3}$ See Notes on the Data for an explanation of statistical difference.

[^2]:    Source: Annual Capital Expenditures Survey

[^3]:    Source: Annual Capital Expenditures Survey

