

**Table 4d. Relative Standard Errors for Capital Expenditures for Structures and Equipment for Companies With Employees by Industry: 2018 Revised**

[Source: 2019 Annual Capital Expenditures Survey](#)

[See Survey Description for meanings of abbreviations and symbols](#)

[See Definition of terms](#)

[See Sampling and estimation methodology](#)

[Percent.]										
NAICS code	Industry	Total expenditures	Total new expenditures	Expenditures for structures			Expenditures for equipment			
				Total	New	Used	Total	New	Used	
	<b>Total expenditures</b>	<b>0.6</b>	<b>0.6</b>	<b>0.9</b>	<b>0.9</b>	<b>5.8</b>	<b>0.7</b>	<b>0.7</b>	<b>3.7</b>	
	<b>By industry</b>	<b>0.6</b>	<b>0.6</b>	<b>0.9</b>	<b>0.9</b>	<b>5.8</b>	<b>0.7</b>	<b>0.7</b>	<b>3.7</b>	
<b>113-115</b>	<b>Forestry, fishing, and agricultural services</b>	<b>11.2</b>	<b>12.5</b>	<b>39.2</b>	<b>40.4</b>	<b>0.0</b>	<b>9.7</b>	<b>11.2</b>	<b>21.9</b>	
113, 114, 21	Forestry, logging, fishing, hunting, trapping, and	11.2	12.5	39.2	40.4	0.0	9.7	11.2	21.9	
	<b>Mining</b>	<b>2.9</b>	<b>2.9</b>	<b>3.2</b>	<b>3.3</b>	<b>0.6</b>	<b>7.7</b>	<b>8.2</b>	<b>9.4</b>	
2111	Oil and gas extraction	3.5	3.5	3.4	3.5	0.1	15.3	15.3	12.1	
2121	Coal mining	17.6	21.7	9.9	10.8	0.0	19.0	24.1	4.9	
2122	Metal ore mining	0.2	0.2	0.1	0.1	34.0	0.5	0.3	7.1	
2123	Nonmetallic mineral mining and quarrying	12.0	10.8	7.9	7.8	15.4	13.6	12.4	21.8	
213111,	Support activities for oil and gas operations	12.8	14.0	5.5	5.6	39.8	13.6	14.9	17.2	
213113,	Support activities for solid mineral operations	3.6	3.6	4.9	5.0	0.0	3.6	3.5	20.2	
<b>22</b>	<b>Utilities</b>	<b>0.7</b>	<b>0.8</b>	<b>1.0</b>	<b>1.0</b>	<b>14.3</b>	<b>0.9</b>	<b>1.0</b>	<b>0.5</b>	
2211	Electric power generation, transmission, and	0.9	1.0	1.4	1.4	0.0	1.1	1.3	0.0	
2212	Natural gas distribution	1.0	1.0	0.7	0.7	0.1	1.6	1.9	0.1	
2213	Water, sewage, and other systems	5.2	4.8	7.9	7.0	83.0	6.2	5.8	72.1	
<b>23</b>	<b>Construction</b>	<b>7.2</b>	<b>8.6</b>	<b>15.8</b>	<b>16.8</b>	<b>31.4</b>	<b>8.0</b>	<b>9.9</b>	<b>9.1</b>	
236	Construction of buildings	10.1	10.4	20.8	21.2	31.0	11.7	12.2	19.6	
237	Heavy and civil engineering construction	8.1	10.2	25.0	27.4	30.1	7.9	10.1	13.9	
238	Specialty trade contractors	12.5	14.4	21.9	23.1	39.4	13.4	15.9	14.6	
<b>31-33</b>	<b>Manufacturing</b>	<b>1.0</b>	<b>1.0</b>	<b>1.9</b>	<b>2.0</b>	<b>9.3</b>	<b>0.8</b>	<b>0.9</b>	<b>9.8</b>	
<b>321, 327,</b>	<b>Durable goods industries</b>	<b>1.7</b>	<b>1.7</b>	<b>3.6</b>	<b>3.7</b>	<b>23.1</b>	<b>1.4</b>	<b>1.5</b>	<b>17.1</b>	
321	Wood product manufacturing	3.9	3.8	10.4	7.2	67.2	4.1	3.8	17.0	
3271,	Clay and glass products manufacturing	6.4	6.6	8.5	8.4	21.4	7.3	7.6	19.7	
3273,	Cement, concrete, lime, gypsum, and other	14.1	16.0	26.2	27.5	14.5	12.2	14.0	31.2	
3311,	Iron and steel mills, ferroalloy manufacturing, and steel	14.4	14.7	28.8	28.9	0.0	7.4	7.4	26.5	
3313,	Nonferrous metals production and processing	18.8	19.1	29.9	30.2	0.0	17.2	17.6	14.8	
3315	Ferrous and nonferrous foundries	7.5	7.3	8.0	8.0	.	9.0	8.8	17.6	
332	Fabricated metal product manufacturing	12.6	13.9	29.3	32.3	56.2	9.7	10.9	39.3	
3331	Agriculture, construction, and mining machinery	4.9	4.5	6.1	6.2	0.0	5.6	5.1	42.3	
3332,	Industrial, metalworking, and general purpose	4.9	5.0	6.0	6.4	0.0	6.1	6.3	24.0	
3333,	Commercial, service industry, temperature control, and	2.6	2.6	2.0	2.1	0.0	3.0	3.0	19.2	
3336	Engine, turbine, and power transmission equipment	2.0	2.0	0.1	0.1	0.0	2.4	2.4	35.2	
3341	Computer and peripheral equipment manufacturing	11.0	7.7	15.4	15.7	0.0	13.4	8.5	83.7	
3342,	Communications, audio and video equipment	2.8	2.7	0.9	0.6	72.3	3.7	3.7	1.5	
3344	Semiconductor and other electronic component	5.0	5.0	3.7	3.7	0.0	6.3	6.4	8.6	
3345	Navigational, measuring, electromedical, and control	5.1	5.1	3.2	3.2	10.1	6.1	6.1	21.6	
3346	Manufacturing and reproducing magnetic and optical	7.0	6.8	14.8	15.2	0.0	7.1	7.0	68.5	
335	Electrical equipment, appliance, and component	2.4	2.4	1.7	1.7	0.0	2.9	3.0	16.0	
3361,	Motor vehicle, body, trailer, and parts manufacturing	2.0	2.0	2.6	2.6	0.0	2.0	2.0	25.4	
3364	Aerospace product and parts manufacturing	5.1	5.2	14.0	14.2	86.9	2.1	2.1	4.8	
3365,	Other transportation equipment manufacturing	5.2	5.3	8.1	8.1	0.0	5.8	5.9	2.6	
337	Furniture and related product manufacturing	17.9	9.9	22.6	23.2	24.8	19.1	7.0	76.1	
3391	Medical equipment and supplies manufacturing	3.7	2.7	3.3	3.3	0.0	4.0	2.7	59.5	
3399	Other miscellaneous manufacturing	8.0	7.2	7.8	8.2	29.4	8.9	8.1	47.5	
<b>31, 322-</b>	<b>Nondurable goods industries</b>	<b>1.3</b>	<b>1.3</b>	<b>2.3</b>	<b>2.4</b>	<b>5.9</b>	<b>1.2</b>	<b>1.2</b>	<b>6.8</b>	
311	Food manufacturing	3.7	3.4	6.5	6.5	12.6	3.3	3.0	23.9	
3121	Beverage manufacturing	3.8	3.9	9.9	10.5	7.2	3.0	3.0	40.0	
3122	Tobacco manufacturing	4.4	4.0	12.3	13.4	1.0	1.0	0.2	45.9	
313, 314	Textile mills and textile product mills	3.3	3.1	7.2	7.4	0.0	3.3	2.7	55.5	
315	Apparel manufacturing	3.7	3.6	2.2	2.2	.	4.5	4.4	35.2	
316	Leather and allied product manufacturing	8.1	7.8	10.1	10.1	.	8.2	7.7	23.0	
322	Paper manufacturing	5.9	6.0	10.0	10.0	37.3	5.4	5.4	20.6	
323	Printing and related support activities	5.4	5.8	13.2	13.3	8.0	5.7	6.5	19.5	
324	Petroleum and coal products manufacturing	0.7	0.7	0.6	0.6	29.0	1.3	1.3	21.5	
3251,	Basic chemical, resin, synthetic rubber, and fiber	2.2	2.3	6.3	6.6	13.2	2.4	2.6	3.3	
3253	Pesticide, fertilizer, and other agricultural chemical	1.3	1.3	0.8	0.8	3.1	1.5	1.5	13.8	
3254	Pharmaceutical and medicine manufacturing	1.4	1.6	2.3	2.5	10.7	1.2	1.3	3.9	
3255,	Paint, adhesive, soap, and other chemical	4.5	4.5	6.5	6.5	23.5	5.3	5.3	50.2	
326	Plastics and rubber products manufacturing	4.8	4.7	13.8	13.9	8.1	4.3	4.3	13.7	
<b>42</b>	<b>Wholesale trade</b>	<b>4.1</b>	<b>4.4</b>	<b>5.9</b>	<b>6.1</b>	<b>22.1</b>	<b>5.9</b>	<b>6.1</b>	<b>12.6</b>	
423	Merchant wholesalers, durable goods	6.0	6.4	5.9	6.0	31.6	8.4	8.8	15.3	
424	Merchant wholesalers, nondurable goods	3.9	4.1	10.0	10.0	29.7	2.6	2.6	19.9	
425	Wholesale electronic markets and agents and brokers	13.0	12.7	19.8	18.9	97.5	13.7	13.4	42.3	
<b>44-45</b>	<b>Retail trade</b>	<b>0.9</b>	<b>0.9</b>	<b>1.2</b>	<b>1.2</b>	<b>14.5</b>	<b>1.5</b>	<b>1.5</b>	<b>7.0</b>	
441	Motor vehicle and parts dealers	10.2	10.7	10.8	11.1	45.1	13.5	13.8	22.2	
443	Electronics and appliance stores	1.9	1.9	2.9	2.9	0.0	2.3	2.3	77.4	
445	Food and beverage stores	1.9	1.9	2.4	2.4	0.4	2.1	2.0	16.5	
448	Clothing and clothing accessories stores	2.1	2.1	2.5	2.5	0.0	2.2	2.2	3.4	
452	General merchandise stores	0.3	0.3	0.4	0.4	0.0	0.3	0.3	20.4	
454	Nonstore retailers	1.8	1.8	1.4	1.4	0.0	2.4	2.4	9.6	
442, 444,	Other retail trade stores, including gasoline stations	1.7	1.6	2.1	2.1	7.3	3.5	3.3	15.0	
<b>48-49</b>	<b>Transportation and warehousing</b>	<b>1.6</b>	<b>1.6</b>	<b>1.3</b>	<b>1.4</b>	<b>11.3</b>	<b>2.5</b>	<b>2.5</b>	<b>5.6</b>	
481	Air transportation	0.9	0.3	2.3	2.0	98.8	0.9	0.2	11.5	
482	Rail transportation	0.1	0.1	0.1	0.1	18.2	0.2	0.2	0.3	
483	Water transportation	2.2	2.8	1.6	3.6	0.0	2.3	2.9	1.1	
484	Truck transportation	8.3	8.5	14.1	12.5	53.2	9.2	9.3	18.3	
485	Transit and ground passenger transportation	11.0	13.0	14.7	14.7	0.0	11.4	13.4	21.0	
4861,	Pipeline transportation of crude oil, refined petroleum,	0.5	0.5	0.0	0.0	0.0	2.7	2.7	1.4	
4862	Pipeline transportation of natural gas	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	
487	Scenic and sightseeing transportation	7.7	9.3	9.4	4.7	28.2	9.8	11.6	19.0	
488	Support activities for transportation	11.3	13.2	27.5	27.8	3.0	6.2	6.3	21.0	
492	Couriers and messengers	0.4	0.2	0.2	0.1	2.3	0.5	0.3	4.8	
493	Warehousing and storage	6.7	7.0	14.4	15.1	5.8	4.5	4.6	20.9	
<b>51</b>	<b>Information</b>	<b>0.6</b>	<b>0.6</b>	<b>1.6</b>	<b>1.7</b>	<b>12.9</b>	<b>0.6</b>	<b>0.6</b>	<b>8.1</b>	

**Table 4d. Relative Standard Errors for Capital Expenditures for Structures and Equipment for Companies With Employees by Industry: 2018 Revised**

[Source: 2019 Annual Capital Expenditures Survey](#)

[See Survey Description for meanings of abbreviations and symbols](#)

[See Definition of terms](#)

[See Sampling and estimation methodology](#)

[Percent.]											
NAICS code	Industry	Total expenditures	Total new expenditures	Expenditures for structures			Expenditures for equipment				
				Total	New	Used	Total	New	Used		
5111	Newspaper, periodical, book, and directory publishers	5.6	5.9	15.1	15.2	52.3	4.0	4.2	3.2		
5112	Software publishers (except internet)	3.4	3.4	4.0	4.0	0.5	4.0	4.0	0.0		
512	Motion picture and sound recording industries (except	4.6	4.8	2.4	2.6	0.0	7.0	7.3	0.9		
5151	Radio and television broadcasting (except Internet)	3.5	3.4	4.7	4.8	63.0	3.9	3.9	41.4		
5152	Cable and other subscription programming (except	9.3	9.3	21.0	21.1	76.7	6.0	6.0	5.0		
5171	Wired telecommunications carriers, cable and other	0.9	0.9	2.7	2.7	86.0	0.5	0.5	0.2		
5172	Wireless telecommunications carriers (except satellite)	1.3	1.3	7.1	7.1	95.4	0.5	0.5	28.0		
5173,	Telecommunications resellers, satellite, and other	7.8	7.8	27.0	27.7	57.1	5.1	5.1	7.6		
5182	Data processing, hosting, and related services	0.8	0.8	0.6	0.6	3.1	1.1	1.1	10.6		
519	Other information services	1.9	1.9	5.1	5.1	34.1	1.7	1.6	65.3		
<b>52</b>	<b>Finance and insurance</b>	<b>2.7</b>	<b>2.7</b>	<b>5.2</b>	<b>5.2</b>	<b>32.0</b>	<b>3.0</b>	<b>3.0</b>	<b>30.7</b>		
521	Monetary authorities-central bank	0.0	0.0	0.0	0.0	.	0.0	0.0	0.0		
5221	Depository credit intermediation	3.8	3.9	10.2	10.7	48.7	1.0	1.1	64.5		
5222	Nondepository credit intermediation	4.6	4.6	3.4	3.5	0.0	4.6	4.6	13.5		
5223	Activities related to credit intermediation	2.4	2.3	1.9	1.9	0.0	2.5	2.4	38.0		
523	Securities, commodity contracts, and other financial	3.8	3.8	5.2	5.2	8.9	3.6	3.6	16.3		
5241	Insurance carriers	0.6	0.6	0.7	0.7	5.5	0.9	0.9	3.3		
5242	Agencies, brokerages, and other insurance related	7.6	7.5	8.6	8.9	15.2	8.6	8.5	64.1		
525	Funds, trusts, and other financial vehicles	29.0	29.0	50.4	50.4	.	30.2	30.2	0.0		
<b>53</b>	<b>Real estate and rental and leasing</b>	<b>5.1</b>	<b>5.9</b>	<b>8.1</b>	<b>10.9</b>	<b>7.8</b>	<b>4.7</b>	<b>4.4</b>	<b>25.7</b>		
531	Real estate	7.9	10.5	8.3	11.3	7.8	11.2	12.8	23.9		
5321	Automotive equipment rental and leasing	2.5	1.8	1.8	1.8	0.0	2.5	1.8	34.6		
5322,	Consumer goods and general rental centers	7.2	7.3	45.3	46.5	76.4	6.1	6.2	24.5		
5324	Commercial and industrial machinery and equipment	12.6	13.2	30.2	32.4	43.7	12.8	13.4	38.3		
533	Lessors of nonfinancial intangible assets	1.1	1.1	0.4	0.4	0.0	2.8	2.9	47.5		
<b>54</b>	<b>Professional, scientific, and technical services</b>	<b>5.8</b>	<b>6.2</b>	<b>13.3</b>	<b>13.5</b>	<b>38.0</b>	<b>3.8</b>	<b>4.4</b>	<b>23.4</b>		
5411	Legal services	5.9	5.6	10.2	9.5	61.9	6.6	4.9	49.6		
5412	Accounting, tax preparation, bookkeeping and payroll	7.3	7.8	11.0	11.3	0.1	8.3	8.9	36.3		
5413	Architectural, engineering, and related services	8.9	5.9	12.5	12.6	0.0	11.9	7.9	64.4		
5414	Specialized design services	28.9	29.0	57.4	57.4	.	20.6	20.7	41.8		
5415	Computer systems design and related services	8.8	8.9	17.0	17.0	.	9.9	10.1	53.1		
5416	Management, scientific, and technical consulting	7.7	7.8	11.5	11.5	.	8.3	8.4	47.3		
5417	Scientific research and development services	20.7	20.9	29.8	30.0	0.0	13.5	13.7	36.6		
5418	Advertising and related services	14.3	15.9	28.0	28.7	14.8	11.0	12.9	5.0		
5419	Other professional, scientific, and technical services	8.0	6.9	19.9	17.7	93.1	7.5	6.4	54.7		
<b>55</b>	<b>Management of companies and enterprises</b>	<b>2.7</b>	<b>2.8</b>	<b>7.5</b>	<b>7.6</b>	<b>0.2</b>	<b>2.6</b>	<b>2.6</b>	<b>12.9</b>		
551	Management of companies and enterprises	2.7	2.8	7.5	7.6	0.2	2.6	2.6	12.9		
<b>56</b>	<b>Administrative and support and waste</b>	<b>7.3</b>	<b>7.9</b>	<b>29.6</b>	<b>30.3</b>	<b>38.3</b>	<b>3.5</b>	<b>3.3</b>	<b>20.0</b>		
5614	Business support services	1.5	1.5	4.5	4.5	6.1	1.7	1.7	12.7		
5615	Travel arrangement and reservation services	2.1	2.1	0.2	0.3	0.0	2.6	2.6	90.4		
5616,	Investigation, security, and services to buildings and	8.6	11.1	15.1	15.5	0.0	8.7	11.5	23.7		
5611,	Office administrative, facilities, employment, and other	19.6	20.2	50.6	52.0	57.6	7.4	5.3	47.5		
5621,	Waste collection, treatment, and disposal	5.2	5.3	4.0	3.9	24.2	5.9	6.2	16.9		
5629	Remediation and other waste management services	6.4	6.3	4.0	4.1	24.8	7.6	7.8	22.9		
<b>61</b>	<b>Educational services</b>	<b>8.3</b>	<b>8.5</b>	<b>9.7</b>	<b>10.0</b>	<b>5.3</b>	<b>3.6</b>	<b>3.6</b>	<b>17.1</b>		
611	Educational services	8.3	8.5	9.7	10.0	5.3	3.6	3.6	17.1		
<b>62</b>	<b>Health care and social assistance</b>	<b>1.7</b>	<b>1.6</b>	<b>2.4</b>	<b>2.1</b>	<b>23.8</b>	<b>2.2</b>	<b>2.1</b>	<b>14.8</b>		
6211	Offices of physicians	6.8	7.1	4.7	4.7	21.7	11.0	11.8	32.2		
6212,	Offices of dentists and other health practitioners	18.5	20.5	31.2	34.9	36.6	17.3	18.2	35.9		
6215	Medical and diagnostic laboratories	15.9	15.9	23.3	23.3	34.6	13.9	14.1	17.3		
6216	Home health care services	8.1	7.4	12.1	12.2	0.0	9.6	9.4	63.7		
6214,	Outpatient care centers and other ambulatory health	8.6	9.1	11.4	12.4	37.2	6.9	6.9	40.9		
6221	General medical and surgical hospitals	1.1	1.1	0.6	0.6	2.3	1.7	1.7	2.7		
6222,	Psychiatric, substance abuse, and specialty hospitals	5.1	4.6	7.1	6.3	42.3	1.5	1.5	33.4		
623	Nursing and residential care facilities	11.6	12.9	13.7	15.3	10.1	6.6	6.8	15.4		
624	Social assistance (except child day care services)	18.2	11.0	24.8	17.2	50.8	11.5	12.1	32.4		
6244	Child day care services	12.2	12.3	11.3	11.4	0.0	20.5	21.3	39.7		
<b>71</b>	<b>Arts, entertainment, and recreation</b>	<b>9.6</b>	<b>9.9</b>	<b>6.9</b>	<b>7.1</b>	<b>9.4</b>	<b>14.6</b>	<b>15.0</b>	<b>25.0</b>		
711	Performing arts, spectator sports, and related	6.0	6.2	6.4	6.5	39.5	7.5	7.9	44.9		
712	Museums, historical sites, and similar institutions	8.0	8.5	8.2	8.7	32.3	7.8	7.7	49.4		
713	Amusement, gambling, and recreation industries	13.0	13.3	9.9	10.1	10.9	17.9	18.5	27.8		
<b>72</b>	<b>Accommodation and food services</b>	<b>5.2</b>	<b>5.9</b>	<b>9.1</b>	<b>10.5</b>	<b>23.5</b>	<b>2.8</b>	<b>2.7</b>	<b>11.8</b>		
721	Traveler accommodation services	12.6	13.1	21.2	22.7	16.6	5.2	5.0	18.3		
722	Food services and drinking places	4.4	4.0	6.2	4.7	33.6	4.7	4.8	13.9		
<b>81</b>	<b>Other services (except public administration)</b>	<b>9.1</b>	<b>8.0</b>	<b>11.2</b>	<b>11.8</b>	<b>13.4</b>	<b>8.7</b>	<b>7.0</b>	<b>42.6</b>		
8111	Automotive repair and maintenance	12.1	12.3	12.1	12.4	11.3	16.0	16.1	51.3		
8112,	Other repair and maintenance	12.1	11.6	33.4	23.5	97.2	11.2	12.3	13.7		
812	Personal care, death care, laundry, and other personal	10.1	10.7	15.5	16.4	10.8	10.6	11.7	20.6		
8131,	Religious, grantmaking, social advocacy, civic, and	13.2	14.0	15.7	16.3	25.7	13.9	13.8	36.7		
8139	Business, professional, labor, political, and similar	22.3	14.3	20.2	23.5	26.5	34.4	9.3	94.2		
	<b>Structure and equipment expenditures serving</b>	<b>0.1</b>	<b>0.1</b>	<b>0.3</b>	<b>0.0</b>	<b>19.6</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>		