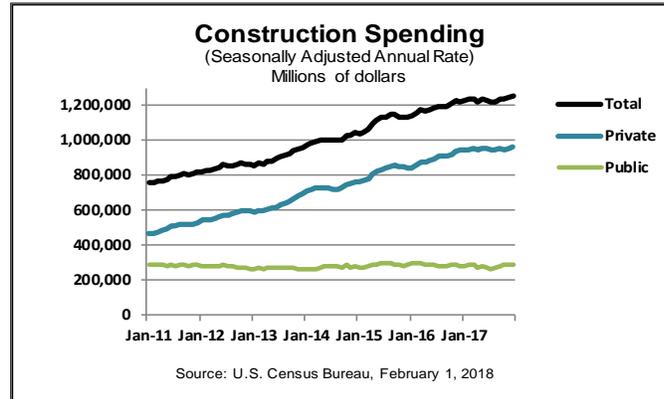


## MONTHLY CONSTRUCTION SPENDING, DECEMBER 2017

Release Number: CB18-18

**February 1, 2018** — The U.S. Census Bureau announced the following value put in place construction statistics for December 2017:

| CONSTRUCTION SPENDING   |                   |
|---|-------------------|
| DECEMBER 2017   | \$1,253.3 billion |
| NOVEMBER 2017 (revised)   | \$1,245.1 billion |
| Next release: March 1, 2018   |                   |
| Seasonally Adjusted Annual Rate<br>Source: U.S. Census Bureau, February 1, 2018 |                   |



### Total Construction

Construction spending during December 2017 was estimated at a seasonally adjusted annual rate of \$1,253.3 billion, 0.7 percent ( $\pm 1.0$  percent)\* above the revised November estimate of \$1,245.1 billion. The December figure is 2.6 percent ( $\pm 1.3$  percent) above the December 2016 estimate of \$1,221.6 billion.

The value of construction in 2017 was \$1,230.6 billion, 3.8 percent ( $\pm 1.0$  percent) above the \$1,185.7 billion spent in 2016.

### Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$963.2 billion, 0.8 percent ( $\pm 1.2$  percent)\* above the revised November estimate of \$955.9 billion. Residential construction was at a seasonally adjusted annual rate of \$526.1 billion in December, 0.5 percent ( $\pm 1.3$  percent)\* above the revised November estimate of \$523.8 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$437.1 billion in December, 1.1 percent ( $\pm 1.2$  percent)\* above the revised November estimate of \$432.1 billion.

The value of private construction in 2017 was \$950.7 billion, 5.8 percent ( $\pm 1.0$  percent) above the \$898.7 billion spent in 2016. Residential construction in 2017 was \$515.9 billion, 10.6 percent ( $\pm 2.1$  percent) above the 2016 figure of \$466.6 billion and nonresidential construction was \$434.8 billion, 0.6 percent ( $\pm 1.0$  percent)\* above the \$432.1 billion in 2016.

#### Data Inquiries

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#### Media Inquiries

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## Public Construction

In December, the estimated seasonally adjusted annual rate of public construction spending was \$290.0 billion, 0.3 percent ( $\pm 1.5$  percent)\* above the revised November estimate of \$289.1 billion. Educational construction was at a seasonally adjusted annual rate of \$75.5 billion, 1.6 percent ( $\pm 2.1$  percent)\* above the revised November estimate of \$74.4 billion. Highway construction was at a seasonally adjusted annual rate of \$88.3 billion, 0.3 percent ( $\pm 3.5$  percent)\* above the revised November estimate of \$88.0 billion.

The value of public construction in 2017 was \$279.8 billion, 2.5 percent ( $\pm 1.8$  percent) below the \$287.0 billion spent in 2016. Educational construction in 2017 was \$71.2 billion, 2.5 percent ( $\pm 3.5$  percent)\* above the 2016 figure of \$69.5 billion and highway construction was \$87.7 billion, 3.7 percent ( $\pm 4.1$  percent)\* below the \$91.1 billion in 2016.

The January 2018 Monthly Construction Spending Report is scheduled for release on March 1, 2018. View the full schedule in the Economic Briefing Room: <[www.census.gov/economic-indicators/](http://www.census.gov/economic-indicators/)>. The full text and tables for this release can be found at <[www.census.gov/constructionspending/](http://www.census.gov/constructionspending/)>.

## EXPLANATORY NOTES

In interpreting changes in the statistics in this release, note that month-to-month changes in seasonally adjusted statistics often show movements which may be irregular. It may take 2 months to establish an underlying trend for total construction and as long as 8 months for specific categories of construction. The statistics in this release are estimated from several sources and surveys and are subject to sampling variability as well as nonsampling error including bias and variance from response, nonreporting, and undercoverage. Estimates of the standard errors are provided in Table 3. Whenever a statement such as "2.3 ( $\pm 3.1$ ) percent above" appears in the text, this indicates the range (-0.8 to +5.4 percent) in which the actual percentage change is likely to have occurred. All ranges given are 90 percent confidence intervals and account only for sampling variability. If a range does not contain zero, the change is statistically significant. If it does contain zero, the change is not statistically significant; that is, it is uncertain whether there was an increase or decrease. Statistics for the current month are preliminary estimates subject to revision in following months as additional data become available. The average absolute percent changes from preliminary estimate to first revision for the major seasonally adjusted components are as follows: total construction, 0.83 percent; private construction, 1.01 percent; and public construction, 1.09 percent. Explanations of confidence intervals and sampling variability can be found on our website at <[www.census.gov/construction/c30/methodology.html/](http://www.census.gov/construction/c30/methodology.html/)>.

## API

The Census Bureau's application programming interface lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before. <[www.census.gov/developers/](http://www.census.gov/developers/)>

###

\* The 90 percent confidence interval includes zero. There is insufficient evidence to conclude that the actual change is different from zero.

### Data Inquiries

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U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU  
[census.gov](http://census.gov)

**Table 1. Value of Construction Put in Place in the United States, Seasonally Adjusted Annual Rate**  
(Millions of dollars. Details may not add to totals due to rounding.)

| Type of Construction                          | Dec 2017 <sup>P</sup> | Nov 2017 <sup>r</sup> | Oct 2017 <sup>r</sup> | Sep 2017         | Aug 2017         | Dec 2016         | Percent change Dec 2017 from - |            |
|---|-----------------------|-----------------------|-----------------------|------------------|------------------|------------------|--------------------------------|------------|
|   |                       |                       |                       |                  |                  |                  | Nov 2017                       | Dec 2016   |
| <b>Total Construction</b>                     | <b>1,253,294</b>      | <b>1,245,057</b>      | <b>1,237,649</b>      | <b>1,236,278</b> | <b>1,220,897</b> | <b>1,221,584</b> | <b>0.7</b>                     | <b>2.6</b> |
| Residential                                   | 532,923               | 530,646               | 524,524               | 530,243          | 522,920          | 501,955          | 0.4                            | 6.2        |
| Nonresidential                                | 720,371               | 714,411               | 713,125               | 706,035          | 697,977          | 719,629          | 0.8                            | 0.1        |
| Lodging                                       | 29,869                | 28,954                | 28,630                | 29,059           | 29,534           | 28,497           | 3.2                            | 4.8        |
| Office  | 71,228                | 68,911                | 66,315                | 65,150           | 66,295           | 73,275           | 3.4                            | -2.8       |
| Commercial                                    | 88,987                | 87,410                | 87,999                | 88,558           | 86,199           | 84,704           | 1.8                            | 5.1        |
| Health care                                   | 41,353                | 41,208                | 41,435                | 40,662           | 40,844           | 38,914           | 0.4                            | 6.3        |
| Educational                                   | 97,237                | 95,216                | 94,412                | 92,577           | 90,062           | 91,195           | 2.1                            | 6.6        |
| Religious                                     | 3,112                 | 3,043                 | 3,179                 | 3,208            | 3,187            | 3,395            | 2.3                            | -8.3       |
| Public safety                                 | 8,913                 | 8,510                 | 8,713                 | 8,388            | 8,285            | 8,519            | 4.7                            | 4.6        |
| Amusement and recreation                      | 23,363                | 23,362                | 22,583                | 24,151           | 23,334           | 23,099           | 0.0                            | 1.1        |
| Transportation                                | 47,071                | 47,105                | 46,163                | 45,018           | 43,298           | 41,707           | -0.1                           | 12.9       |
| Communication                                 | 23,643                | 23,339                | 23,266                | 22,756           | 22,924           | 23,051           | 1.3                            | 2.6        |
| Power   | 97,169                | 98,473                | 97,152                | 99,011           | 99,546           | 107,252          | -1.3                           | -9.4       |
| Highway and street                            | 88,459                | 88,192                | 90,150                | 86,516           | 84,753           | 87,124           | 0.3                            | 1.5        |
| Sewage and waste disposal                     | 20,159                | 20,752                | 20,316                | 19,882           | 19,492           | 19,838           | -2.9                           | 1.6        |
| Water supply                                  | 10,893                | 10,978                | 11,378                | 11,556           | 11,573           | 12,191           | -0.8                           | -10.6      |
| Conservation and development                  | 7,717                 | 7,596                 | 8,170                 | 7,599            | 7,030            | 7,561            | 1.6                            | 2.1        |
| Manufacturing                                 | 61,199                | 61,362                | 63,264                | 61,944           | 61,621           | 69,308           | -0.3                           | -11.7      |
| <b>Total Private Construction<sup>1</sup></b> | <b>963,247</b>        | <b>955,914</b>        | <b>948,847</b>        | <b>954,246</b>   | <b>945,808</b>   | <b>943,823</b>   | <b>0.8</b>                     | <b>2.1</b> |
| Residential                                   | 526,134               | 523,767               | 518,131               | 523,551          | 516,569          | 495,435          | 0.5                            | 6.2        |
| New single family                             | 275,636               | 274,444               | 269,053               | 267,537          | 265,540          | 253,601          | 0.4                            | 8.7        |
| New multi-family                              | 64,021                | 62,391                | 62,675                | 61,584           | 61,928           | 61,190           | 2.6                            | 4.6        |
| Nonresidential                                | 437,113               | 432,147               | 430,715               | 430,696          | 429,238          | 448,388          | 1.1                            | -2.5       |
| Lodging                                       | 28,125                | 27,861                | 27,408                | 27,716           | 28,170           | 28,139           | 0.9                            | 0.0        |
| Office  | 61,824                | 59,360                | 56,946                | 56,527           | 57,749           | 65,048           | 4.2                            | -5.0       |
| Commercial                                    | 85,767                | 84,440                | 84,835                | 85,462           | 83,060           | 81,618           | 1.6                            | 5.1        |
| Health care                                   | 31,630                | 31,594                | 31,619                | 31,705           | 31,078           | 30,237           | 0.1                            | 4.6        |
| Educational                                   | 21,691                | 20,831                | 20,631                | 21,027           | 19,449           | 21,445           | 4.1                            | 1.1        |
| Religious                                     | 3,112                 | 3,043                 | 3,179                 | 3,208            | 3,187            | 3,395            | 2.3                            | -8.3       |
| Amusement and recreation                      | 13,436                | 13,123                | 12,708                | 13,590           | 13,349           | 13,090           | 2.4                            | 2.6        |
| Transportation                                | 17,156                | 17,118                | 16,279                | 15,245           | 15,413           | 12,615           | 0.2                            | 36.0       |
| Communication                                 | 23,535                | 23,221                | 23,093                | 22,645           | 22,759           | 22,880           | 1.4                            | 2.9        |
| Power   | 89,637                | 90,078                | 90,672                | 91,815           | 93,403           | 100,439          | -0.5                           | -10.8      |
| Manufacturing                                 | 60,595                | 60,873                | 62,638                | 61,176           | 60,924           | 68,624           | -0.5                           | -11.7      |
| <b>Total Public Construction<sup>2</sup></b>  | <b>290,047</b>        | <b>289,143</b>        | <b>288,803</b>        | <b>282,032</b>   | <b>275,089</b>   | <b>277,762</b>   | <b>0.3</b>                     | <b>4.4</b> |
| Residential                                   | 6,790                 | 6,879                 | 6,393                 | 6,692            | 6,351            | 6,521            | -1.3                           | 4.1        |
| Nonresidential                                | 283,257               | 282,264               | 282,410               | 275,340          | 268,738          | 271,241          | 0.4                            | 4.4        |
| Office  | 9,404                 | 9,551                 | 9,369                 | 8,623            | 8,546            | 8,227            | -1.5                           | 14.3       |
| Commercial                                    | 3,220                 | 2,970                 | 3,164                 | 3,096            | 3,139            | 3,086            | 8.4                            | 4.3        |
| Health care                                   | 9,723                 | 9,614                 | 9,817                 | 8,958            | 9,766            | 8,677            | 1.1                            | 12.1       |
| Educational                                   | 75,546                | 74,385                | 73,781                | 71,550           | 70,613           | 69,751           | 1.6                            | 8.3        |
| Public safety                                 | 8,810                 | 8,407                 | 8,559                 | 8,355            | 8,247            | 8,396            | 4.8                            | 4.9        |
| Amusement and recreation                      | 9,927                 | 10,239                | 9,875                 | 10,562           | 9,984            | 10,009           | -3.0                           | -0.8       |
| Transportation                                | 29,915                | 29,987                | 29,884                | 29,773           | 27,885           | 29,093           | -0.2                           | 2.8        |
| Power   | 7,532                 | 8,396                 | 6,479                 | 7,196            | 6,143            | 6,813            | -10.3                          | 10.6       |
| Highway and street                            | 88,260                | 87,988                | 89,900                | 86,308           | 84,483           | 86,901           | 0.3                            | 1.6        |
| Sewage and waste disposal                     | 20,013                | 20,614                | 20,177                | 19,729           | 19,338           | 19,563           | -2.9                           | 2.3        |
| Water supply                                  | 10,742                | 10,824                | 11,220                | 11,388           | 11,368           | 12,003           | -0.8                           | -10.5      |
| Conservation and development                  | 7,712                 | 7,589                 | 8,163                 | 7,581            | 7,002            | 7,509            | 1.6                            | 2.7        |

<sup>P</sup>Preliminary <sup>r</sup>Revised

<sup>1</sup>Includes the following categories of private construction not shown separately: public safety, highway and street, sewage and waste disposal, water supply, and conservation and development.

<sup>2</sup>Includes the following categories of public construction not shown separately: lodging, religious, communication, and manufacturing.

Data are at an annual rate, adjusted for seasonality but not price changes. Source: U.S. Census Bureau, Construction Spending, February 1, 2018. Table 3 provides estimated measures of sampling variability. Additional information on the survey methodology may be found at [www.census.gov/construction/c30/meth.html](http://www.census.gov/construction/c30/meth.html).

**Table 2. Value of Construction Put in Place in the United States, Not Seasonally Adjusted**  
(Millions of dollars. Details may not add to totals due to rounding.)

| Type of Construction                          | Dec 2017 <sup>P</sup> | Nov 2017 <sup>F</sup> | Oct 2017 <sup>F</sup> | Sep 2017       | Aug 2017       | Dec 2016      | Year-to-date     |                  |                |
|---|-----------------------|-----------------------|-----------------------|----------------|----------------|---------------|------------------|------------------|----------------|
|   |                       |                       |                       |                |                |               | Dec 2017         | Dec 2016         | Percent change |
| <b>Total Construction</b>                     | <b>95,310</b>         | <b>104,289</b>        | <b>111,287</b>        | <b>112,977</b> | <b>113,101</b> | <b>93,776</b> | <b>1,230,554</b> | <b>1,185,683</b> | <b>3.8</b>     |
| Residential                                   | 38,949                | 43,735                | 47,251                | 48,257         | 48,394         | 36,962        | 522,308          | 473,161          | 10.4           |
| Nonresidential                                | 56,360                | 60,554                | 64,036                | 64,721         | 64,707         | 56,814        | 708,246          | 712,521          | -0.6           |
| Lodging                                       | 2,461                 | 2,442                 | 2,446                 | 2,507          | 2,533          | 2,366         | 28,463           | 26,923           | 5.7            |
| Office  | 5,696                 | 5,816                 | 5,721                 | 5,805          | 5,728          | 5,881         | 68,679           | 67,262           | 2.1            |
| Commercial                                    | 7,041                 | 7,421                 | 7,983                 | 7,942          | 7,719          | 6,678         | 86,953           | 76,578           | 13.5           |
| Health care                                   | 3,376                 | 3,493                 | 3,584                 | 3,632          | 3,564          | 3,160         | 39,986           | 38,703           | 3.3            |
| Educational                                   | 6,967                 | 7,381                 | 7,830                 | 8,247          | 9,192          | 6,490         | 91,668           | 89,391           | 2.5            |
| Religious                                     | 248                   | 253                   | 292                   | 297            | 296            | 271           | 3,210            | 3,501            | -8.3           |
| Public safety                                 | 737                   | 739                   | 754                   | 806            | 729            | 708           | 8,193            | 7,982            | 2.6            |
| Amusement and recreation                      | 1,842                 | 1,980                 | 2,040                 | 2,121          | 2,074          | 1,824         | 23,439           | 22,455           | 4.4            |
| Transportation                                | 3,698                 | 4,069                 | 4,174                 | 4,070          | 3,906          | 3,312         | 43,543           | 42,205           | 3.2            |
| Communication                                 | 2,213                 | 2,193                 | 2,100                 | 1,961          | 2,033          | 2,235         | 23,020           | 22,038           | 4.5            |
| Power   | 8,177                 | 8,456                 | 8,376                 | 8,326          | 8,225          | 9,091         | 99,106           | 105,755          | -6.3           |
| Highway and street                            | 5,404                 | 7,692                 | 9,553                 | 9,831          | 9,958          | 5,406         | 87,956           | 91,390           | -3.8           |
| Sewage and waste disposal                     | 1,547                 | 1,783                 | 1,954                 | 1,853          | 1,822          | 1,535         | 19,691           | 22,771           | -13.5          |
| Water supply                                  | 853                   | 938                   | 1,032                 | 1,047          | 1,024          | 950           | 11,277           | 12,522           | -9.9           |
| Conservation and development                  | 679                   | 653                   | 697                   | 748            | 616            | 658           | 7,230            | 7,719            | -6.3           |
| Manufacturing                                 | 5,423                 | 5,246                 | 5,499                 | 5,529          | 5,288          | 6,247         | 65,833           | 75,328           | -12.6          |
| <b>Total Private Construction<sup>1</sup></b> | <b>74,573</b>         | <b>80,104</b>         | <b>84,403</b>         | <b>85,157</b>  | <b>84,938</b>  | <b>73,898</b> | <b>950,717</b>   | <b>898,686</b>   | <b>5.8</b>     |
| Residential                                   | 38,405                | 43,149                | 46,676                | 47,629         | 47,823         | 36,438        | 515,938          | 466,592          | 10.6           |
| New single family                             | 20,573                | 24,060                | 24,421                | 24,827         | 24,802         | 18,845        | 264,527          | 242,476          | 9.1            |
| New multi-family                              | 4,905                 | 5,202                 | 5,449                 | 5,264          | 5,511          | 4,751         | 62,743           | 60,517           | 3.7            |
| Nonresidential                                | 36,168                | 36,955                | 37,727                | 37,528         | 37,115         | 37,460        | 434,779          | 432,093          | 0.6            |
| Lodging                                       | 2,316                 | 2,351                 | 2,344                 | 2,395          | 2,420          | 2,336         | 27,566           | 26,483           | 4.1            |
| Office  | 4,927                 | 5,014                 | 4,920                 | 4,983          | 4,983          | 5,208         | 60,127           | 59,263           | 1.5            |
| Commercial                                    | 6,775                 | 7,164                 | 7,723                 | 7,636          | 7,431          | 6,425         | 83,753           | 73,457           | 14.0           |
| Health care                                   | 2,569                 | 2,705                 | 2,776                 | 2,815          | 2,721          | 2,438         | 30,678           | 30,183           | 1.6            |
| Educational                                   | 1,641                 | 1,631                 | 1,692                 | 1,745          | 1,793          | 1,621         | 20,462           | 19,895           | 2.8            |
| Religious                                     | 248                   | 253                   | 292                   | 297            | 296            | 271           | 3,210            | 3,501            | -8.3           |
| Amusement and recreation                      | 1,094                 | 1,108                 | 1,115                 | 1,161          | 1,143          | 1,067         | 12,968           | 12,078           | 7.4            |
| Transportation                                | 1,399                 | 1,498                 | 1,445                 | 1,337          | 1,338          | 1,059         | 14,565           | 12,951           | 12.5           |
| Communication                                 | 2,204                 | 2,183                 | 2,085                 | 1,951          | 2,019          | 2,221         | 22,900           | 21,880           | 4.7            |
| Power   | 7,574                 | 7,787                 | 7,826                 | 7,686          | 7,678          | 8,557         | 92,644           | 96,748           | -4.2           |
| Manufacturing                                 | 5,372                 | 5,205                 | 5,447                 | 5,465          | 5,230          | 6,190         | 65,158           | 74,669           | -12.7          |
| <b>Total Public Construction<sup>2</sup></b>  | <b>20,737</b>         | <b>24,185</b>         | <b>26,884</b>         | <b>27,820</b>  | <b>28,163</b>  | <b>19,878</b> | <b>279,837</b>   | <b>286,997</b>   | <b>-2.5</b>    |
| Residential                                   | 544                   | 585                   | 575                   | 627            | 571            | 524           | 6,370            | 6,569            | -3.0           |
| Nonresidential                                | 20,193                | 23,600                | 26,309                | 27,193         | 27,592         | 19,354        | 273,468          | 280,428          | -2.5           |
| Office  | 770                   | 803                   | 801                   | 822            | 745            | 674           | 8,552            | 7,999            | 6.9            |
| Commercial                                    | 266                   | 257                   | 261                   | 306            | 289            | 254           | 3,200            | 3,121            | 2.5            |
| Health care                                   | 807                   | 788                   | 808                   | 817            | 843            | 722           | 9,308            | 8,521            | 9.2            |
| Educational                                   | 5,326                 | 5,750                 | 6,138                 | 6,502          | 7,399          | 4,870         | 71,206           | 69,497           | 2.5            |
| Public safety                                 | 729                   | 731                   | 741                   | 803            | 726            | 698           | 8,113            | 7,878            | 3.0            |
| Amusement and recreation                      | 747                   | 872                   | 925                   | 961            | 931            | 757           | 10,472           | 10,376           | 0.9            |
| Transportation                                | 2,299                 | 2,571                 | 2,729                 | 2,733          | 2,568          | 2,254         | 28,978           | 29,254           | -0.9           |
| Power   | 603                   | 669                   | 550                   | 640            | 547            | 535           | 6,463            | 9,007            | -28.2          |
| Highway and street                            | 5,389                 | 7,671                 | 9,531                 | 9,809          | 9,933          | 5,388         | 87,716           | 91,125           | -3.7           |
| Sewage and waste disposal                     | 1,536                 | 1,771                 | 1,942                 | 1,839          | 1,808          | 1,514         | 19,508           | 22,417           | -13.0          |
| Water supply                                  | 840                   | 924                   | 1,019                 | 1,030          | 1,006          | 935           | 11,055           | 12,331           | -10.3          |
| Conservation and development                  | 678                   | 652                   | 697                   | 747            | 613            | 654           | 7,207            | 7,648            | -5.8           |

<sup>P</sup>Preliminary <sup>F</sup>Revised

<sup>1</sup>Includes the following categories of private construction not shown separately: public safety, highway and street, sewage and waste disposal, water supply, and conservation and development.

<sup>2</sup>Includes the following categories of public construction not shown separately: lodging, religious, communication, and manufacturing.

Source: U.S. Census Bureau, Construction Spending, February 1, 2018.

Table 3 provides estimated measures of sampling variability. Additional information on the survey methodology may be found at [www.census.gov/construction/c30/meth.html](http://www.census.gov/construction/c30/meth.html).

Table 3. **Coefficients of Variation and Standard Errors by Type of Construction**  
(Percent)

| Type of Construction              | Coefficient of variation |                       | Standard error      |                       |                                       |
|-----------------------------------|--------------------------|-----------------------|---------------------|-----------------------|---------------------------------------|
|                                   | Monthly estimate         | Year-to-date estimate | Year-to-date change | Month-to-month change | Month-to-month change from prev. year |
| <b>Total Construction</b>         | <b>0.9</b>               | <b>0.5</b>            | <b>0.6</b>          | <b>0.6</b>            | <b>0.8</b>                            |
| Residential                       | 5.8                      | 4.7                   | 4.6                 | 1.5                   | 7.1                                   |
| Nonresidential                    | 0.9                      | 0.5                   | 0.6                 | 0.6                   | 0.8                                   |
| Lodging                           | 2.2                      | 1.7                   | 2.1                 | 1.9                   | 3.1                                   |
| Office                            | 2.0                      | 1.3                   | 1.4                 | 2.9                   | 2.8                                   |
| Commercial                        | 2.7                      | 1.8                   | 2.0                 | 1.2                   | 2.5                                   |
| Health care                       | 1.9                      | 1.4                   | 2.0                 | 1.2                   | 2.2                                   |
| Educational                       | 1.8                      | 1.3                   | 1.7                 | 1.1                   | 2.2                                   |
| Religious                         | 6.6                      | 4.2                   | 5.5                 | 2.9                   | 6.4                                   |
| Public safety                     | 3.1                      | 2.3                   | 2.6                 | 2.3                   | 4.0                                   |
| Amusement and recreation          | 3.3                      | 2.5                   | 3.0                 | 2.3                   | 3.7                                   |
| Transportation                    | 1.6                      | 1.1                   | 1.5                 | 1.1                   | 2.7                                   |
| Communication                     | NA                       | NA                    | NA                  | NA                    | NA                                    |
| Power                             | 0.3                      | 0.3                   | 0.3                 | 0.3                   | 0.2                                   |
| Highway and street                | 3.8                      | 1.8                   | 2.5                 | 2.1                   | 3.8                                   |
| Sewage and waste disposal         | 3.9                      | 2.6                   | 2.8                 | 2.0                   | 4.2                                   |
| Water supply                      | 4.5                      | 2.8                   | 2.9                 | 3.4                   | 4.3                                   |
| Conservation and development      | 3.5                      | 1.7                   | 2.4                 | 2.0                   | 4.5                                   |
| Manufacturing                     | 0.7                      | 0.7                   | 0.7                 | 0.5                   | 0.7                                   |
| <b>Total Private Construction</b> | <b>0.8</b>               | <b>0.6</b>            | <b>0.6</b>          | <b>0.7</b>            | <b>0.9</b>                            |
| Residential                       | 5.0                      | 1.1                   | 1.3                 | 0.8                   | 1.4                                   |
| New single family                 | 5.0                      | 4.0                   | 6.8                 | 6.0                   | 6.0                                   |
| New multi-family                  | 5.2                      | 4.6                   | 4.4                 | 1.5                   | 5.3                                   |
| Nonresidential                    | 0.8                      | 0.6                   | 0.6                 | 0.7                   | 0.9                                   |
| Lodging                           | 2.1                      | 1.6                   | 2.0                 | 1.6                   | 2.4                                   |
| Office                            | 2.3                      | 1.5                   | 1.5                 | 3.4                   | 3.0                                   |
| Commercial                        | 2.8                      | 1.9                   | 2.1                 | 1.3                   | 2.5                                   |
| Health care                       | 2.3                      | 1.7                   | 2.3                 | 1.5                   | 2.6                                   |
| Educational                       | 2.8                      | 2.1                   | 2.6                 | 2.0                   | 3.1                                   |
| Religious                         | 6.6                      | 4.2                   | 5.5                 | 2.9                   | 6.4                                   |
| Amusement and recreation          | 2.8                      | 2.3                   | 3.2                 | 1.5                   | 3.4                                   |
| Transportation                    | 2.7                      | 2.3                   | 4.7                 | 1.2                   | 10.8                                  |
| Communication                     | NA                       | NA                    | NA                  | NA                    | NA                                    |
| Power                             | 0.3                      | 0.3                   | 0.3                 | 0.3                   | 0.2                                   |
| Manufacturing                     | 0.7                      | 0.7                   | 0.7                 | 0.5                   | 0.7                                   |
| <b>Total Public Construction</b>  | <b>1.5</b>               | <b>0.8</b>            | <b>1.1</b>          | <b>0.9</b>            | <b>1.5</b>                            |
| Residential                       | 5.7                      | 4.7                   | 4.6                 | 1.5                   | 7.1                                   |
| Nonresidential                    | 1.5                      | 0.8                   | 1.1                 | 1.0                   | 1.5                                   |
| Office                            | 3.4                      | 2.1                   | 2.9                 | 4.0                   | 5.1                                   |
| Commercial                        | 6.0                      | 4.6                   | 7.1                 | 4.7                   | 8.4                                   |
| Health care                       | 2.8                      | 2.0                   | 2.6                 | 1.5                   | 3.1                                   |
| Educational                       | 2.2                      | 1.5                   | 2.1                 | 1.3                   | 2.8                                   |
| Public safety                     | 3.1                      | 2.3                   | 2.6                 | 2.3                   | 4.0                                   |
| Amusement and recreation          | 6.4                      | 4.7                   | 5.1                 | 4.6                   | 7.3                                   |
| Transportation                    | 1.9                      | 1.3                   | 1.6                 | 1.3                   | 2.6                                   |
| Power                             | 4.6                      | 4.1                   | 2.6                 | 3.4                   | 3.9                                   |
| Highway and street                | 3.8                      | 1.8                   | 2.5                 | 2.1                   | 3.8                                   |
| Sewage and waste disposal         | 3.9                      | 2.6                   | 2.8                 | 2.0                   | 4.3                                   |
| Water supply                      | 4.5                      | 2.7                   | 2.8                 | 3.5                   | 4.3                                   |
| Conservation and development      | 3.5                      | 1.7                   | 2.4                 | 2.0                   | 4.4                                   |

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, February 1, 2018. Additional information on the survey methodology may be found at [www.census.gov/construction/c30/meth.html](http://www.census.gov/construction/c30/meth.html).

**Table 4. Annual Value of Construction Put in Place in the United States**

(Millions of dollars. Details may not add to totals due to rounding.)

| Type of Construction                          | 2017 <sup>P</sup> | 2016             | Percent change | Coefficient of Variation |
|---|-------------------|------------------|----------------|--------------------------|
| <b>Total Construction</b>                     | <b>1,230,554</b>  | <b>1,185,683</b> | <b>3.8</b>     | <b>0.5</b>               |
| Residential                                   | 522,308           | 473,161          | 10.4           | 4.7                      |
| Nonresidential                                | 708,246           | 712,521          | -0.6           | 0.5                      |
| Lodging                                       | 28,463            | 26,923           | 5.7            | 1.7                      |
| Office  | 68,679            | 67,262           | 2.1            | 1.3                      |
| Commercial                                    | 86,953            | 76,578           | 13.5           | 1.8                      |
| Health care                                   | 39,986            | 38,703           | 3.3            | 1.4                      |
| Educational                                   | 91,668            | 89,391           | 2.5            | 1.3                      |
| Religious                                     | 3,210             | 3,501            | -8.3           | 4.2                      |
| Public safety                                 | 8,193             | 7,982            | 2.6            | 2.3                      |
| Amusement and recreation                      | 23,439            | 22,455           | 4.4            | 2.5                      |
| Transportation                                | 43,543            | 42,205           | 3.2            | 1.1                      |
| Communication                                 | 23,020            | 22,038           | 4.5            | NA                       |
| Power   | 99,106            | 105,755          | -6.3           | 0.3                      |
| Highway and street                            | 87,956            | 91,390           | -3.8           | 1.8                      |
| Sewage and waste disposal                     | 19,691            | 22,771           | -13.5          | 2.6                      |
| Water supply                                  | 11,277            | 12,522           | -9.9           | 2.8                      |
| Conservation and development                  | 7,230             | 7,719            | -6.3           | 1.7                      |
| Manufacturing                                 | 65,833            | 75,328           | -12.6          | 0.7                      |
| <b>Total Private Construction<sup>1</sup></b> | <b>950,717</b>    | <b>898,686</b>   | <b>5.8</b>     | <b>0.6</b>               |
| Residential                                   | 515,938           | 466,592          | 10.6           | 1.1                      |
| New single family                             | 264,527           | 242,476          | 9.1            | 4.0                      |
| New multi-family                              | 62,743            | 60,517           | 3.7            | 4.6                      |
| Nonresidential                                | 434,779           | 432,093          | 0.6            | 0.6                      |
| Lodging                                       | 27,566            | 26,483           | 4.1            | 1.6                      |
| Office  | 60,127            | 59,263           | 1.5            | 1.5                      |
| Commercial                                    | 83,753            | 73,457           | 14.0           | 1.9                      |
| Health care                                   | 30,678            | 30,183           | 1.6            | 1.7                      |
| Educational                                   | 20,462            | 19,895           | 2.8            | 2.1                      |
| Religious                                     | 3,210             | 3,501            | -8.3           | 4.2                      |
| Public safety                                 | 80                | 104              | -23.1          | 31.8                     |
| Amusement and recreation                      | 12,968            | 12,078           | 7.4            | 2.3                      |
| Transportation                                | 14,565            | 12,951           | 12.5           | 2.3                      |
| Communication                                 | 22,900            | 21,880           | 4.7            | NA                       |
| Power   | 92,644            | 96,748           | -4.2           | 0.3                      |
| Sewage and waste disposal                     | 183               | 354              | -48.3          | 30.9                     |
| Water supply                                  | 222               | 192              | 15.6           | 28.0                     |
| Manufacturing                                 | 65,158            | 74,669           | -12.7          | 0.7                      |
| <b>Total Public Construction<sup>2</sup></b>  | <b>279,837</b>    | <b>286,997</b>   | <b>-2.5</b>    | <b>0.8</b>               |
| Residential                                   | 6,370             | 6,569            | -3.0           | 4.7                      |
| Nonresidential                                | 273,468           | 280,428          | -2.5           | 0.8                      |
| Office  | 8,552             | 7,999            | 6.9            | 2.1                      |
| Commercial                                    | 3,200             | 3,121            | 2.5            | 4.6                      |
| Health care                                   | 9,308             | 8,521            | 9.2            | 2.0                      |
| Educational                                   | 71,206            | 69,497           | 2.5            | 1.5                      |
| Public safety                                 | 8,113             | 7,878            | 3.0            | 2.3                      |
| Amusement and recreation                      | 10,472            | 10,376           | 0.9            | 4.7                      |
| Transportation                                | 28,978            | 29,254           | -0.9           | 1.3                      |
| Power   | 6,463             | 9,007            | -28.2          | 4.1                      |
| Highway and street                            | 87,716            | 91,125           | -3.7           | 1.8                      |
| Sewage and waste disposal                     | 19,508            | 22,417           | -13.0          | 2.6                      |
| Water supply                                  | 11,055            | 12,331           | -10.3          | 2.7                      |
| Conservation and development                  | 7,207             | 7,648            | -5.8           | 1.7                      |

NA Not applicable <sup>P</sup>Preliminary

<sup>1</sup>Includes the following categories of private construction not shown separately: highway and street, and conservation and development.

<sup>2</sup>Includes the following categories of public construction not shown separately: lodging, religious, communication, and manufacturing.

Source: U.S. Census Bureau, Construction Spending, February 1, 2018.

[www.census.gov/construction/c30/meth.html](http://www.census.gov/construction/c30/meth.html).