FOR RELEASE AT 10:00 AM EST, MONDAY, DECEMBER 2, 2019

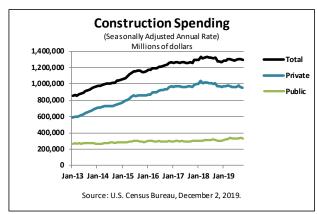
MONTHLY CONSTRUCTION SPENDING, OCTOBER 2019

Release Number: CB19-177

December 2, 2019 — The U.S. Census Bureau announced the following value put in place construction

statistics for October 2019:





Total Construction

Construction spending during October 2019 was estimated at a seasonally adjusted annual rate of \$1,291.1 billion, 0.8 percent (±1.0 percent)* below the revised September estimate of \$1,301.8 billion. The October figure is 1.1 percent (±1.5 percent)* above the October 2018 estimate of \$1,277.4 billion. During the first ten months of this year, construction spending amounted to \$1,086.5 billion, 1.7 percent (±1.2 percent) below the \$1,105.2 billion for the same period in 2018.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$956.3 billion, 1.0 percent (±0.7 percent) below the revised September estimate of \$966.1 billion. Residential construction was at a seasonally adjusted annual rate of \$508.2 billion in October, 0.9 percent (±1.3 percent)* below the revised September estimate of \$512.6 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$448.1 billion in October, 1.2 percent (±0.7 percent) below the revised September estimate of \$453.5 billion.

Public Construction

In October, the estimated seasonally adjusted annual rate of public construction spending was \$334.8 billion, 0.2 percent (±1.6 percent)* below the revised September estimate of \$335.6 billion. Educational construction was at a seasonally adjusted annual rate of \$83.3 billion, 2.5 percent (±2.6 percent)* above the revised September estimate of \$81.3 billion. Highway construction was at a seasonally adjusted annual rate of \$95.0 billion, 2.2 percent (±3.9 percent)* below the revised September estimate of \$97.1 billion.

Data Inquiries

Economic Indicator Division, Construction Expenditures Branch 301-763-1605

eid.ceb.customer.service@census.gov



Media Inquiries
Public Information Office
301-763-3030
pio@census.gov

The November 2019 Monthly Construction Spending Report is scheduled for release on January 3, 2020. View the full schedule in the Economic Briefing Room: <<u>www.census.gov/economic-indicators/</u>>. The full text and tables for this release can be found at <<u>www.census.gov/constructionspending/</u>>.

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 (±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, 1.06 percent; private construction, 1.39 percent; and public construction, 1.18 percent. Explanations of confidence intervals and sampling variability can be found on our website at <www.census.gov/construction/c30/meth.html/>.

RESOURCES

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/

FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App < https://fred.stlouisfed.org/fred-mobile/ for both Apple and Android devices. FRED, the signature database of the Federal Reserve Bank of St. Louis, now incorporates the Census Bureau's 13 economic indicators.

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

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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.)

							Percent Oct 2019	ŭ
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Type of Construction	Oct 2019 ^p	Sep 2019 ^r	Aug 2019 ^r	Jul 2019	Jun 2019	Oct 2018	Sep 2019	Oct 2018
Total Construction	1,291,069	1,301,764		1,291,250	1,285,299	1,277,371	-0.8	1.1
Residential	514,540	519,446	525,229	510,759	505,833	511,830	-0.9	0.5
Nonresidential	776.529	782,318	780,757	780,491	779,466	765,541	-0.7	1.4
Lodging	32,995	33,322	33,588	33,889	35,343	32,856	-1.0	0.4
Office	79,908	79,954	79,997	79,275	78,537	77,612	-0.1	3.0
Commercial	81.142	83,018	83,506	84,691	85,440	96,923	-2.3	-16.3
Health care	43,603	43,845	43,411	44,148	43,761	43,094	-0.6	1.2
Educational	101,662	100,085	97,256	95,471	91,819	97,617	1.6	4.1
Religious	2,808	2,642	2,827	2,917	2,733	3,119	6.3	-10.0
Public safety	10,919	10,698	10,673	10,392	10,246	10,015	2.1	9.0
Amusement and recreation	26,516	26,981	27,961	27,596	28,397	29,174	-1.7	-9.1
Transportation	55,214	55,868	55,512	55,782	56,992	51,826	-1.2	6.5
Communication	23,056	23,521	23,676	23,399	23,306	24,044	-2.0	-4.1
Power	97,668	99,168	100,922	97,990	98,695	93,173	-1.5	4.8
Highway and street	95,316	97,447	95,429	97,367	100,694	87,923	-2.2	8.4
Sewage and waste disposal	27,138	27,298	26,778	27,203	27,138	22,793	-0.6	19.1
Water supply	17,469	17,301	16,428	17,201	16,503	14,953	1.0	16.8
Conservation and development	9,607	9,420	9,803	9,524	9,097	8,682	2.0	10.7
Manufacturing	71,509	71,751	72,991	73,647	70,765	71,738	-0.3	-0.3
Total Private Construction ¹	956,272	966,135	976,716	962,690	959,160	973,700	-1.0	-1.8
Residential	508,198	512,634	518,495	504,636	499,610	505,566	-0.9	0.5
New single family	279,080	274,596	271,037	267,723	264,179	287,992	1.6	-3.1
New multifamily	59,466	60,403	61,120	63,202	62,872	60,768	-1.6	-2.1
Nonresidential	448,073	453,501	458,221	458,054	459,550	468,134	-1.2	-4.3
Lodging	31,938	32,303	32,619	32,928	34,441	31,546	-1.1	1.2
Office	68,633	68,766	68,925	68,636	68,140	67,931	-0.2	1.0
Commercial	76,640	78,540		79,786	81,217	93,162	-2.4	-17.7
Health care	34,657	34,561	34,317	35,292	34,848	33,843	0.3	2.4
Educational	18,313	18,785	18,610	18,640	17,984	21,734	-2.5	-15.7
Religious	2,808	2,642	2,827	2,917	2,733	3,119	6.3	-10.0
Amusement and recreation	12,817	13,363	13,765	13,593	14,342	15,687	-4.1	-18.3
Transportation	16,079	16,491	16,375	16,424	17,179	17,178	-2.5	-6.4
Communication	22,957	23,408	23,556	23,274	23,192	23,727	-1.9	-3.2
Power Manufacturing	90,529 71,237	91,756 71,501	93,574 72,708	91,635 73,330	93,434 70,474	87,342 71,400	-1.3 -0.4	3.6 -0.2
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Total Public Construction ²	334,797	335,629		328,560	326,139	303,671	-0.2	10.2
Residential	6,341	6,812	6,734	6,123	6,223	6,264	-6.9	1.2
Nonresidential	328,456	328,817	322,536	322,437	319,916	297,407	-0.1	10.4
Office	11,275	11,188	11,072	10,639	10,397	9,681	0.8	16.5
Commercial	4,502	4,478	4,200	4,905	4,224	3,762	0.5	19.7
Health care	8,946	9,285	9,094	8,856	8,913	9,251	-3.7	-3.3
Educational	83,349	81,301	78,646	76,831	73,835	75,882	2.5	9.8
Public safety	10,816	10,541	10,462	10,143	10,030	9,870	2.6	9.6
Amusement and recreation	13,699	13,618	14,197	14,003	14,055	13,487	0.6	1.6
Transportation	39,135	39,377	39,137	39,358	39,813	34,648	-0.6	13.0
Power	7,139	7,412	7,348	6,355	5,261	5,831	-3.7	22.4
Highway and street	94,964	97,149	95,138	97,051	100,384	87,611	-2.2	8.4
Sewage and waste disposal	26,490	26,723	26,185	26,554	26,437	22,183	-0.9	19.4
Water supply	17,178	17,008		16,881	16,217	14,578	1.0	17.8
Conservation and development	9,535	9,356	9,549	9,458	9,045	8,659	1.9	10.1

^p Preliminary ^r Revised

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

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

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.)

Total Construction 115,501 118,035 120,278 118,090 115,887 115,002 1,086,534 1,015,244 -1. Residential 45,620 46,534 47,634 47,630 46,002 46,233 33,1641 464,778 -7. Nonresidential 69,881 71,502 72,324 71,232 69,885 68,770 654,894 640,666 2,280 22,280 22,280 22,280 22,280 22,280 22,280 70,766 70,766 70,766 70,767 70,7									Year-to-date	!
Total Construction 115,501 118,050 120,278 118,002 115,887 115,002 106,85,34 1,105,244 -1. Residential 45,620 46,533 47,564 47,610 46,002 46,233 431,641 464,578 -7. Norresidential 60,881 71,502 120,272 1,234 71,292 1,295 1,300,44 1,200 1,2	Type of Construction	Oct	Sep	Aug	Jul	Jun	Oct	Oct	Oct	Percent
Residential	7,1-1-1-1-1-1-1	2019 ^p	2019 ^r	2019 ^r						change
Nonresidential 69,881 71,502 72,324 71,292 69,885 68,770 654,894 640,666 2 Lodging 2,811 2,815 2,855 2,867 2,905 3,004 2,809 28,290 26,240 Office 7,026 7,055 6,906 6,779 6,56 6,804 640,666 2 Commercial 7,282 7,425 7,465 6,706 6,779 6,55 6,804 6,808 6 6 6,779 6,56 6,804 640,666 2 Commercial 7,282 7,425 7,465 7,465 7,411 7,454 8,714 70,099 81,302 1 8,000 1 8	Total Construction	115,501	118,035	120,278	118,902	115,887	115,002	1,086,534	1,105,244	-1.7
Lodging Office 2,811 (2,855) (2,867) 2,905 (3,704) 3,004 (2,809) 28,290 (26,240) 26,248 (5) 6 Office 7,026 (7,055) 6,906 (6,779) 6,75 (55) 6,804 (8,744) 7,009 (8,135) 6 6 6 6,779 (55) 6,804 (8,144) 7,009 (8,135) 8,505 (8,155) 6 6 6 7,411 (7,454) 8,714 (7,009) 81,305 (8,155) 5,656 (6,534) 3 3,665 (6,534) 3,665 (6,534) 3,665 (6,534) 3,742 (7,441) 7,424 (7,444) 7,425 (7,442) 2,448 (7,444) 2,272 (2,412) 2,448 (8,483) 8,966 (8,951) 8,918 (8,383) 8,366 (7,444) -1,224 (7,448) 2,448 (8,444) 8,79 (8,99) 8,366 (8,356) 7,445 (7,444) -1,224 (7,448) 2,448 (8,444) 8,79 (8,444) 8,366 (7,444) -1,224 (7,448) 2,544 (7,448) 2,448 (8,444) 8,519 (8,448) 8,191 (9,444) 1,356 (8,444) 1,224 (1,444) 1,235 (1,444) 1,235 (1,444) 1,235 (1,444) 1,235 (1,444) 1,235 (1,444) 1,235 (1,444) 1,235 (1,444) 1,235 (1,444) 1,235 (1,444) 1,235 (1,444) 1,235 (1,444) 1,235 (1,444) <	Residential	45,620	46,534	47,954	47,610	46,002	46,233	431,641	464,578	-7.1
Office Commercial 7,025 (2) 7,025 (2) 6,906 (3,79) 6,765 (6,804) 6,804 (7,909) 81,302 (1,31) Commercial 7,282 (7,425) 7,465 (7,411) 7,454 (7,454) 3,777 (7,909) 3,302 (1,31) 3,303 (3,71) 3,730 (3,77) 36,815 (3),565 (3) 3,626 (3,74) 3,770 (3,77) 36,815 (3),565 (3) 3,630 (3) 0 3,821 (3),730 (3) 3,777 (36,815) 35,656 (3) 3,836 (3),700 (3) 2,774 (4) 12,220 (2) 2,11 (2) 2,48 (2) 2,48 (2) 2,48 (2) 2,48 (2) 2,48 (2) 2,48 (2) 2,48 (2) 2,48 (2) 2,48 (2) 2,48 (2) 2,48 (2) 2,48 (2) 2,48 (2) 2,50 (2) 2,500 (2) 2,50 (2) 2,50 (2) 1,18 (2) 2,111 (2) 19,11 (2) 1,11 (2) 2,50 (2) 2,50 (2) 2,50 (2) 2,50 (2) 2,50 (2) 2,50 (2) 2,49 (2) 2,49 (2) 2,49 (2) 2,49 (2) 2,49 (2) 2,49 (2) 2,49 (2) 2,49 (2) 2,49 (2) 2,49 (2) 2,49 (2) 2,49 (2) 2,41 (2) 2,44 (2) 2,47 (4) 2,50 (2) 2,44 (2) 2,44 (2)										2.2
Commercial 7,282 7,425 7,466 7,411 7,454 8,714 70,099 81,302 -13										7.8
Health care 3,840 3,882 3,966 9,966 9,917 9,917 8,918 3,565 3,656 3		7,026								6.2
Educational 8,483 8,966 biglous 9,966 cligious 9,917 biglous 8,031 biglous 83,200 biglous 2,000 biglous 2,407 biglous 2,408 biglous 2,000 biglous 2,407 biglous 2,408 biglous 2,000 biglous 2,407 biglous 2,408 biglous 2,409 biglous 2,409 biglous 2,418 biglous 2,409 biglous 2,418 biglous 2,409 biglous 2,409 biglous 2,418 biglous 2,409 biglous 2,409 biglous 2,409 biglous 2,409 biglous 2,449 biglous 2,157 biglous 2,409 biglous 2,409 biglous 2,404 biglous 2,157 biglous 2,404 biglous <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-13.8</td>										-13.8
Religious 255 241 261 257 234 284 2,406 2,744 -12 Public safety 986 1,024 943 864 879 890 8,396 7,845 7,										3.3
Public safety Amusement and recreation 2,354 2,448 2,496 2,417 2,478 2,584 23,301 23,373 -0 Amusement and recreation 5,080 5,092 4,999 4,957 5,046 4,767 4,5622 42,678 6 6 6 70 Amusement and recreation 2,035 2,001 2,020 1,915 1,872 2,111 19,111 20,085 -6 Amusement and recreation 2,035 2,001 2,020 1,915 1,872 2,111 19,111 20,085 -6 Amusement and recreation 1,028 10,836 11,098 10,963 10,150 9,406 85,665 78,489 9 2,648 2,949 2,449 1,494 1,336 13,540 13,148 3 6 Conservation and development 800 986 893 803 736 738 7,593 6,882 1 Amusement and recreation 4,249 2,249 2,249 2,257 2,250 2,500 2,451 2,449 2,375 2,450 2,500 2,451 2,449 2,157 2,193 2,0146 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8										-0.4
Amusement and recreation Transportation 5,000 5,002 4,999 4,997 5,046 4,767 45,622 42,678 6 6 Communication 2,035 2,001 2,020 1,915 1,872 2,111 19,111 20,085 -4 Power 8,397 8,329 8,418 8,119 8,394 8,039 82,637 77,596 6 Highway and street 10,208 10,836 11,098 10,663 10,150 9,406 85,665 78,489 9 Sewage and waste disposal 2,558 2,530 2,500 2,451 2,449 2,157 21,199 20,146 8 Water supply 1,566 1,592 1,516 1,549 1,494 1,336 13,540 13,148 3 Conservation and development 800 986 893 803 736 738 7,593 6,882 10 Manufacturing 6,201 6,240 6,246 6,244 6,074 6,										-12.3 7.0
Transportation										-0.3
Communication 2,035 2,001 2,020 1,915 1,872 2,111 19,111 20,085 4										6.9
Power Highway and street 1,028 10,886 11,088 11,088 10,886 11,088 10,886 11,088 10,886 11,088 10,886 11,088 10,886 11,088 10,886 11,088 10,886 11,088 10,886 11,088 10,886	•									-4.8
Highway and street 10,208 10,836 11,098 10,950 10,150 9,406 85,665 78,489 9 58wage and waste disposal 2,558 2,500 2,510 2,449 1,336 13,540 13,148 3 Conservation and development 800 986 893 803 736 738 7,593 6,882 10 6,244 6,244 6,074 6,264 60,223 58,767 2 7 7 7 7 7 7 7 7		8.397								6.5
Sewage and waste disposal 2,558 2,500 2,451 2,449 2,157 21,939 20,146 8 Water supply 1,566 1,592 1,516 1,549 1,449 1,336 13,540 1,148 3 Conservation and development Manufacturing 800 986 893 803 736 738 7,593 6,882 10 Total Private Construction¹ 84,234 85,161 86,804 86,138 84,886 86,712 808,706 843,979 4 Residential 45,064 45,904 47,339 47,064 45,438 45,676 426,372 256,302 25,574 24,666 23,542 26,122 226,333 244,654 7 Norresidential 39,170 39,262 39,465 39,074 39,484 41,036 382,334 384,975 0 Lodging 2,723 2,770 2,786 2,824 2,929 2,699 2,743 25,871 38,876 18,897 19 1,91 4,942 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>9.1</td>										9.1
Water supply										8.9
Manufacturing 6,201 6,240 6,246 6,244 6,074 6,264 60,223 58,767 2 Total Private Construction¹ 84,234 85,161 86,804 86,138 84,886 86,712 808,706 843,979 -4 Residential 45,064 45,900 47,339 47,064 45,438 45,676 426,372 459,004 -7 New multifamily 5,178 5,058 5,509 5,304 5,423 5,291 51,997 49,654 4 Nonresidential 39,170 39,262 39,465 39,074 39,448 41,036 382,334 384,975 -0 Lodging 2,723 2,770 2,786 2,824 2,929 2,699 2,7443 25,387 8 Office 6,025 6,034 5,922 5,871 5,855 5,955 57,119 33,811 6 Commercial 6,897 7,000 7,017 7,078 8,397 66,541 78,378 15							1,336			3.0
Total Private Construction¹ 84,234 85,161 86,804 86,138 84,886 86,712 808,706 843,979 -4. Residential 45,064 45,900 47,339 47,064 45,438 45,676 426,372 459,004 -7. New single family 25,408 25,526 25,274 24,666 23,542 26,122 226,333 244,654 -7. New multifamily 5,178 5,058 5,309 5,304 5,423 5,291 51,997 49,654 4 Nonresidential 39,170 39,262 39,465 39,074 39,448 41,036 382,334 384,975 -0 Lodging 2,723 2,770 2,786 2,824 2,929 2,7443 25,387 0 Office 6,025 6,034 5,922 5,871 5,855 5,955 5,7119 53,811 6 Commercial 6,897 7,000 7,101 7,001 7,078 8,397 66,541 7,8378 15		800	986	893	803	736		7,593	6,882	10.3
Residential	Manufacturing	6,201	6,240	6,246	6,244	6,074	6,264	60,223	58,767	2.5
New single family New multifamily 25,408 25,526 25,274 24,666 23,542 26,122 226,333 244,654 -7. Nonresidential Lodging 39,170 39,262 39,465 39,074 39,448 41,036 382,334 384,975 -0 Office 6,025 6,034 5,922 5,871 5,855 5,955 57,119 53,811 6 Commercial 6,897 7,000 7,101 7,001 7,078 8,397 66,541 78,378 -15 Health care 3,084 3,044 2,940 2,989 2,973 2,7751 5 Educational 1,503 1,549 1,692 1,714 1,685 1,781 16,235 18,246 -11 Religious 255 241 261 257 234 284 2,406 2,744 -12 Amusement and recreation 1,105 1,171 1,203 1,182 1,224 1,372 11,927 1,2981 -8	Total Private Construction ¹	84,234	85,161	86,804	86,138	84,886	86,712	808,706	843,979	-4.2
New multifamily 5,178 5,058 5,309 5,304 5,423 5,291 51,997 49,654 4. Nonresidential 39,170 39,262 39,465 39,074 39,448 41,036 382,334 384,975 -0 Lodging 2,773 2,770 2,786 2,824 2,929 2,699 27,443 25,387 8 Office 6,025 6,034 5,922 5,871 5,855 5,955 57,119 53,811 8 Commercial 6,897 7,000 7,101 7,001 7,078 8,397 66,541 78,378 -15 Health care 3,084 3,044 2,940 2,989 2,973 2,986 29,342 27,751 5 Educational 1,503 1,549 1,692 1,714 1,685 1,781 16,235 18,246 -11 1 Religious 255 241 261 257 234 284 2,406 2,744 -12										-7.1
Nonresidential 39,170 39,262 39,465 39,074 39,448 41,036 382,334 384,975 -0 Lodging 2,723 2,770 2,786 2,824 2,929 2,699 27,443 25,387 8 Office 6,025 6,034 5,922 5,871 5,855 5,955 57,119 53,811 6 Commercial 6,897 7,000 7,101 7,001 7,001 7,078 8,397 66,541 78,378 -15. Health care 3,084 3,044 2,940 2,989 2,973 2,986 29,342 27,751 55 Educational 1,503 1,549 1,692 1,714 1,685 1,781 16,235 18,246 -11 Religious 255 241 261 257 234 284 2,406 2,744 -12. Amusement and recreation 1,105 1,171 1,203 1,182 1,224 1,372 11,927 12,981 -8 Transportation 1,488 1,464 1,437 1,414 1,529 1,586 13,578 13,442 1 Communication 2,027 1,992 2,010 1,905 1,862 2,084 18,994 19,940 -4 Power 7,756 7,649 7,746 7,559 7,888 7,527 77,412 72,976 6 Manufacturing 6,178 6,220 6,222 6,218 6,050 6,236 60,024 58,342 2 2										-7.5
Lodging Office 2,723 2,770 2,786 2,824 2,929 2,699 27,443 25,387 8 Office 6,025 6,034 5,922 5,871 5,855 5,955 57,119 33,811 6 Commercial 6,897 7,000 7,101 7,001 7,078 8,397 66,541 78,378 -15 Health care 3,084 3,044 2,940 2,989 2,973 2,986 29,342 27,751 5 Educational 1,503 1,549 1,692 1,714 1,685 1,781 16,235 18,246 -11 Religious 255 241 261 257 234 284 2,406 2,744 -12 Amusement and recreation 1,105 1,171 1,203 1,182 1,224 1,372 11,927 12,981 -8 Transportation 1,488 1,464 1,437 1,414 1,529 1,586 13,578 13,442 1	New multifamily	5,178	5,058	5,309	5,304	5,423	5,291	51,997	49,654	4.7
Office 6,025 6,034 5,922 5,871 5,855 5,955 57,119 53,811 6 Commercial 6,897 7,000 7,101 7,001 7,007 8,397 66,541 78,378 -15 Health care 3,084 3,044 2,940 2,989 2,973 2,986 29,342 27,751 5 Educational 1,503 1,549 1,692 1,714 1,685 1,781 16,235 18,246 -11 Religious 255 241 261 257 234 284 2,406 2,744 -12 Amusement and recreation 1,105 1,171 1,203 1,182 1,224 1,372 11,927 12,981 -8 Transportation 1,488 1,464 1,437 1,414 1,529 1,586 13,578 13,442 1 Communication 2,027 1,992 2,010 1,905 1,862 2,084 18,994 19,940 -4										-0.7
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Health care										6.1
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Religious										5.7
Amusement and recreation Transportation 1,105 1,171 1,203 1,182 1,224 1,372 11,927 12,981 1,488 1,464 1,437 1,414 1,529 1,586 13,578 13,442 1 1,000 1,										
Transportation 1,488 1,464 1,437 1,414 1,529 1,586 13,578 13,442 1. Communication 2,027 1,992 2,010 1,905 1,862 2,084 18,994 19,940 -4 Power 7,756 7,649 7,746 7,559 7,888 7,527 77,412 72,976 6 Manufacturing 6,178 6,220 6,222 6,218 6,050 6,236 60,024 58,342 2. Total Public Construction 31,267 32,874 33,474 32,764 31,002 28,291 277,829 261,265 6. Residential 556 634 615 546 565 557 5,269 5,574 -5. Nonresidential 30,711 32,240 32,859 32,218 30,437 27,734 272,560 255,691 6. Office 1,001 1,022 984 908 910 850 8,819 8,274 6. Commercial 385 425 364 410 375 317 3,559 2,924 21. Health care 756 838 790 754 757 791 7,473 7,904 -5. Educational 6,981 7,416 8,274 8,203 7,442 6,310 67,085 65,384 2. Public safety 977 1,010 926 844 860 877 8,231 7,705 6. Amusement and recreation 1,249 1,276 1,293 1,235 1,254 1,212 11,373 10,393 9. Transportation 3,592 3,627 3,562 3,543 3,517 3,182 32,044 29,236 9. Power 641 680 673 560 507 512 5,225 4,620 13. Sewage and waste disposal 2,503 2,477 2,447 2,397 2,388 2,105 21,370 19,793 8.										-12.5 -8.1
Communication Power Power Power Power Manufacturing 2,027 (7,756) (7,649) (7,746) (7,755) (7,888) (7,527) (7,412) (72,976) (6,222) (6,218) (6,050) (6,236) (60,024) (58,342) (2.00) 1,862 (7,755) (7,888) (7,527) (7,412) (72,976) (7,888) (7,527) (7,412) (72,976) (7,888) (7,527) (7,412) (72,976) (7,888) (7,527) (7,412) (72,976) (7,888) (7,527) (7,412) (72,976) (7,888) (7,527) (7,412) (72,976) (7,888) (7,527) (7,829) (7,888) (7,527) (7,888) (7,527) (7,889) (7,888) (7,988) (7,888) (7,988) (7,888) (7,988) (7,889) (7,88										1.0
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Manufacturing 6,178 6,220 6,222 6,218 6,050 6,236 60,024 58,342 2. Total Public Construction² 31,267 32,874 33,474 32,764 31,002 28,291 277,829 261,265 6. Residential 556 634 615 546 565 557 5,269 5,574 -5. Nonresidential 30,711 32,240 32,859 32,218 30,437 27,734 272,560 255,691 6. Office 1,001 1,022 984 908 910 850 8,819 8,274 6. Commercial 385 425 364 410 375 317 3,559 2,924 21. Health care 756 838 790 754 757 791 7,473 7,904 -5 Educational 6,981 7,416 8,274 8,203 7,442 6,310 67,085 65,384 2 Public safet										6.1
Residential 556 634 615 546 565 557 5,269 5,574 -5. Nonresidential 30,711 32,240 32,859 32,218 30,437 27,734 272,560 255,691 6 Office 1,001 1,022 984 908 910 850 8,819 8,274 6 Commercial 385 425 364 410 375 317 3,559 2,924 21 Health care 756 838 790 754 757 791 7,473 7,904 -5 Educational 6,981 7,416 8,274 8,203 7,442 6,310 67,085 65,384 2 Public safety 977 1,010 926 844 860 877 8,231 7,705 6 Amusement and recreation 1,249 1,276 1,293 1,235 1,254 1,212 11,373 10,393 9 Transportation 3,592 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.9</td>										2.9
Nonresidential 30,711 32,240 32,859 32,218 30,437 27,734 272,560 255,691 6.01 Office 1,001 1,022 984 908 910 850 8,819 8,274 6 Commercial 385 425 364 410 375 317 3,559 2,924 21. Health care 756 838 790 754 757 791 7,473 7,904 -5. Educational 6,981 7,416 8,274 8,203 7,442 6,310 67,085 65,384 2. Public safety 977 1,010 926 844 860 877 8,231 7,705 6. Amusement and recreation 1,249 1,276 1,293 1,235 1,254 1,212 11,373 10,393 9. Transportation 3,592 3,627 3,562 3,543 3,517 3,182 32,044 29,236 9 Power	Total Public Construction ²	31,267	32,874	33,474	32,764	31,002	28,291	277,829	261,265	6.3
Office 1,001 1,022 984 908 910 850 8,819 8,274 6. Commercial 385 425 364 410 375 317 3,559 2,924 21. Health care 756 838 790 754 757 791 7,473 7,904 -5. Educational 6,981 7,416 8,274 8,203 7,442 6,310 67,085 65,384 2. Public safety 977 1,010 926 844 860 877 8,231 7,705 6. Amusement and recreation 1,249 1,276 1,293 1,235 1,254 1,212 11,373 10,393 9. Transportation 3,592 3,627 3,562 3,543 3,517 3,182 32,044 29,236 9. Power 641 680 673 560 507 512 5,225 4,620 13. Highway and street 10,176 <td>Residential</td> <td>556</td> <td>634</td> <td>615</td> <td>546</td> <td>565</td> <td>557</td> <td>5,269</td> <td>5,574</td> <td>-5.5</td>	Residential	556	634	615	546	565	557	5,269	5,574	-5.5
Commercial 385 425 364 410 375 317 3,559 2,924 21 Health care 756 838 790 754 757 791 7,473 7,904 -5. Educational 6,981 7,416 8,274 8,203 7,442 6,310 67,085 65,384 2 Public safety 977 1,010 926 844 860 877 8,231 7,705 6 Amusement and recreation 1,249 1,276 1,293 1,235 1,254 1,212 11,373 10,393 9 Transportation 3,592 3,627 3,562 3,543 3,517 3,182 32,044 29,236 9 Power 641 680 673 560 507 512 5,225 4,620 13 Highway and street 10,176 10,808 11,072 10,931 10,120 9,377 85,380 78,256 9 Sewage and waste disposal<		30,711	32,240	32,859	32,218	30,437	27,734	272,560	255,691	6.6
Health care 756 838 790 754 757 791 7,473 7,904 -5. Educational 6,981 7,416 8,274 8,203 7,442 6,310 67,085 65,384 2 Public safety 977 1,010 926 844 860 877 8,231 7,705 6 Amusement and recreation 1,249 1,276 1,293 1,235 1,254 1,212 11,373 10,393 9 Transportation 3,592 3,627 3,562 3,543 3,517 3,182 32,044 29,236 9 Power 641 680 673 560 507 512 5,225 4,620 13 Highway and street 10,176 10,808 11,072 10,931 10,120 9,377 85,380 78,256 9 Sewage and waste disposal 2,503 2,477 2,447 2,397 2,388 2,105 21,370 19,793 8							850			6.6
Educational 6,981 7,416 8,274 8,203 7,442 6,310 67,085 65,384 2 Public safety 977 1,010 926 844 860 877 8,231 7,705 6 Amusement and recreation 1,249 1,276 1,293 1,235 1,254 1,212 11,373 10,393 9 Transportation 3,592 3,627 3,562 3,543 3,517 3,182 32,044 29,236 9 Power 641 680 673 560 507 512 5,225 4,620 13 Highway and street 10,176 10,808 11,072 10,931 10,120 9,377 85,380 78,256 9 Sewage and waste disposal 2,503 2,477 2,447 2,397 2,388 2,105 21,370 19,793 8										21.7
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Amusement and recreation 1,249 1,276 1,293 1,235 1,254 1,212 11,373 10,393 9. Transportation 3,592 3,627 3,562 3,543 3,517 3,182 32,044 29,236 9. Power 641 680 673 560 507 512 5,225 4,620 13. Highway and street 10,176 10,808 11,072 10,931 10,120 9,377 85,380 78,256 9. Sewage and waste disposal 2,503 2,477 2,447 2,397 2,388 2,105 21,370 19,793 8.										2.6
Transportation 3,592 3,627 3,562 3,543 3,517 3,182 32,044 29,236 9. Power 641 680 673 560 507 512 5,225 4,620 13. Highway and street 10,176 10,808 11,072 10,931 10,120 9,377 85,380 78,256 9. Sewage and waste disposal 2,503 2,477 2,447 2,397 2,388 2,105 21,370 19,793 8.										6.8
Power 641 680 673 560 507 512 5,225 4,620 13. Highway and street 10,176 10,808 11,072 10,931 10,120 9,377 85,380 78,256 9. Sewage and waste disposal 2,503 2,477 2,447 2,397 2,388 2,105 21,370 19,793 8.										9.4
Highway and street 10,176 10,808 11,072 10,931 10,120 9,377 85,380 78,256 9. Sewage and waste disposal 2,503 2,477 2,447 2,397 2,388 2,105 21,370 19,793 8.									,	9.6 12.1
Sewage and waste disposal 2,503 2,477 2,447 2,397 2,388 2,105 21,370 19,793 8.									4,020 72.256	9.1
									10,230	8.0
- water supply 1539 1564 1488 1571 1469 1307 1379 1797 1797	Water supply	1,539	1,564	1,488	1,521	1,469	1,302	13,298		2.9
										9.9

^p Preliminary ^r Revised

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

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

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

	Coefficient c	of variation	Standard error				
					Month-to-month		
Type of Construction	Monthly	Year-to-date	Year-to-date	Month-to-month	change from prev.		
	estimate	estimate	change	change	year		
Total Construction	0.7	0.5	0.7	0.6	0.9		
Residential	3.5	2.7	3.8	6.8	8.4		
Nonresidential	0.7	0.5	0.7	0.6	0.9		
Lodging	1.6	1.4	1.7	0.6	1.6		
Office	1.6	1.4	1.6	0.9	1.6		
Commercial	1.8	1.0	1.6	1.1	1.9		
Health care	1.8	1.7	1.7	1.1	3.6		
Educational	1.5	1.2	2.0	1.4	2.4		
Religious	6.5	5.5 2.8	5.0 3.9	3.8 2.3	6.8		
Public safety Amusement and recreation	3.3 2.1	2.8 1.5	2.0	2.3 1.4	6.1 2.5		
Transportation	1.2	0.8	2.0 1.4	1.4	1.7		
Communication	NA	NA	NA	NA	NA		
Power	0.3	0.3	0.5	0.3	0.6		
Highway and street	3.0	1.7	3.0	2.4	4.0		
Sewage and waste disposal	3.5	2.5	3.3	2.7	5.2		
Water supply	3.9	2.6	3.9	3.5	5.9		
Conservation and development	2.0	1.6	2.2	1.7	3.2		
Manufacturing	0.8	1.1	1.3	0.6	1.4		
Total Private Construction	0.6	0.5	0.6	0.4	0.8		
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 multifamily	6.1	5.9	3.4	1.5	3.6		
Nonresidential	0.6	0.5	0.6	0.4	0.8		
Lodging	1.6	1.5	1.7	0.6	1.6		
Office	1.8	1.6	1.7	0.9	1.7		
Commercial	1.8	1.1	1.7	1.1	2.0		
Health care	2.2	2.0	2.0	1.3	4.4		
Educational	2.4	2.2	2.4	1.3	2.4		
Religious	6.5	5.5	5.0	3.8	6.8		
Amusement and recreation	2.2	1.5	1.8	1.6	1.9		
Transportation	1.4	1.3	1.3	0.5	1.4		
Communication Power	NA 0.3	NA 0.2	NA 0.4	NA 0.1	NA 0.6		
Manufacturing	0.8	1.1	1.3	0.6	1.4		
Total Public Construction	1.2	0.7	1.2	1.0	1.7		
Residential	3.5	2.7	3.8	6.8	8.4		
Nonresidential	1.2	0.7	1.2	1.1	1.7		
Office	2.8	2.0	4.3	2.4	3.7		
Commercial	4.7	3.1	5.7	2.2	7.4		
Health care	2.6	3.6	3.5	1.6	2.8		
Educational	1.8	1.4	2.5	1.6	3.1		
Public safety	3.3	2.8	4.0	2.3	6.2		
Amusement and recreation	3.5	2.6	4.0	2.2	5.0		
Transportation	1.5	1.0	1.8	1.3	2.1		
Power	5.7	5.7	7.5	6.0	8.1		
Highway and street	3.0	1.7 2.5	3.0 3.3	2.4	4.1 5.3		
Sewage and waste disposal Water supply	3.6 3.9	2.5 2.6	3.3 4.0	2.7 3.5	5.3 5.7		
Conservation and development	2.0	1.6	2.2	3.3 1.7	3.2		
conscivation and development	2.0	1.0	2.2	1./	3.2		

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, December 2, 2019. Additional information on the survey methodology may be found at <www.census.gov/construction/c30/meth.html>