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DECEMBER 2016 CONSTRUCTION AT \$1,181.5 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during December 2016 was estimated at a seasonally adjusted annual rate of \$1,181.5 billion, 0.2 percent ($\pm 1.0\%$)* below the revised November estimate of \$1,184.4 billion. The December figure is 4.2 percent ($\pm 1.3\%$) above the December 2015 estimate of \$1,133.7 billion.

The value of construction in 2016 was \$1,162.4 billion, 4.5 percent ($\pm 1.0\%$) above the \$1,112.4 billion spent in 2015.

PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$897.0 billion, 0.2 percent ($\pm 0.8\%$)* above the revised November estimate of \$894.8 billion. Residential construction was at a seasonally adjusted annual rate of \$466.9 billion in December, 0.5 percent ($\pm 1.3\%$)* above the revised November estimate of \$464.8 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$430.1 billion in December, nearly the same as ($\pm 0.8\%$)* the revised November estimate of \$430.1 billion.

The value of private construction in 2016 was \$876.3 billion, 6.4 percent ($\pm 1.2\%$) above the \$823.5 billion spent in 2015. Residential construction in 2016 was \$456.2 billion, 5.2 percent ($\pm 2.1\%$) above the 2015 figure of \$433.7 billion and nonresidential construction was \$420.1 billion, 7.8 percent ($\pm 1.2\%$) above the \$389.9 billion in 2015.

PUBLIC CONSTRUCTION

In December, the estimated seasonally adjusted annual rate of public construction spending was \$284.5 billion, 1.7 percent ($\pm 1.8\%$)* below the revised November estimate of \$289.6 billion. Educational construction was at a seasonally adjusted annual rate of \$70.1 billion, 2.2 percent ($\pm 2.3\%$)* below the revised November estimate of \$71.6 billion. Highway construction was at a seasonally adjusted annual rate of \$94.3 billion, 0.6 percent ($\pm 4.1\%$)* below the revised November estimate of \$94.9 billion.

The value of public construction in 2016 was \$286.0 billion, 1.0 percent ($\pm 1.5\%$)* below the \$288.9 billion spent in 2015. Educational construction in 2016 was \$69.7 billion, 4.7 percent ($\pm 3.5\%$) above the 2015 figure of \$66.6 billion and highway construction was \$91.2 billion, 2.0 percent ($\pm 3.5\%$)* above the \$89.4 billion in 2015.

January 2017 data will be released on March 1, 2017 at 10:00 A.M. EST.

For more detailed data and methodologies, go to our website:

<http://www.census.gov/constructionspending>

To receive the latest updates on the Nation's key economic indicators, download the America's Economy app for Apple and Android smartphones and tablets.

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 percent 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, 0.93 percent; private construction, 1.02 percent; and public construction, 1.35 percent.

With the release of the January 2017 Monthly Construction Spending Report on March 1, 2017, the presentation of the release will change. We are removing the text portion of the release from Excel. The layout and format of the tables are not currently changing, though some explanatory notes may move to the text portion of the document. The full text and tables will still be available as a PDF. For more information and a preview of the new format, visit www.census.gov/constructionspending/.

* 90% confidence interval includes zero. The U.S. Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

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 2016 ^P	Nov 2016 ^r	Oct 2016 ^r	Sep 2016	Aug 2016	Dec 2015	Percent change Dec 2016 from -	
							Nov 2016	Dec 2015
Total Construction	1,181,523	1,184,434	1,173,749	1,164,432	1,166,513	1,133,678	-0.2	4.2
Residential	473,279	471,374	466,621	457,243	462,870	456,684	0.4	3.6
Nonresidential	708,244	713,060	707,128	707,189	703,643	676,994	-0.7	4.6
Lodging	27,316	28,622	27,382	28,968	28,089	22,781	-4.6	19.9
Office	75,796	75,069	74,224	74,571	72,177	57,872	1.0	31.0
Commercial	78,715	78,243	76,542	74,655	74,753	70,304	0.6	12.0
Health care	41,899	41,635	42,017	42,911	42,570	39,129	0.6	7.1
Educational	90,638	92,626	89,473	88,996	88,470	86,357	-2.1	5.0
Religious	3,421	3,659	3,335	3,683	3,911	3,529	-6.5	-3.1
Public safety	8,269	8,085	8,247	7,963	7,830	8,507	2.3	-2.8
Amusement and recreation	22,791	22,856	22,360	21,775	21,947	20,175	-0.3	13.0
Transportation	42,115	42,725	42,541	41,104	40,514	45,029	-1.4	-6.5
Communication	21,666	20,541	20,028	18,617	19,037	21,124	5.5	2.6
Power	93,545	92,480	92,649	95,665	97,109	93,655	1.2	-0.1
Highway and street	94,530	95,128	94,525	91,854	87,551	93,258	-0.6	1.4
Sewage and waste disposal	19,321	20,483	20,990	20,909	21,489	23,563	-5.7	-18.0
Water supply	11,640	11,853	11,989	11,765	11,660	11,672	-1.8	-0.3
Conservation and development	7,836	7,984	7,719	7,387	7,313	6,946	-1.9	12.8
Manufacturing	68,745	71,072	73,107	76,368	79,223	73,093	-3.3	-5.9
Total Private Construction¹	896,992	894,840	886,172	883,604	888,423	844,057	0.2	6.3
Residential	466,938	464,784	459,538	450,972	456,206	450,123	0.5	3.7
New single family	250,359	249,007	243,794	236,691	236,988	249,697	0.5	0.3
New multi-family	63,725	61,969	62,470	61,458	61,059	57,066	2.8	11.7
Nonresidential	430,053	430,055	426,634	432,632	432,217	393,934	0.0	9.2
Lodging	26,938	28,190	26,974	28,663	27,811	22,302	-4.4	20.8
Office	67,932	66,612	66,453	66,515	64,025	50,222	2.0	35.3
Commercial	75,546	75,037	73,340	71,358	71,406	67,292	0.7	12.3
Health care	33,202	32,803	33,170	34,058	33,566	30,613	1.2	8.5
Educational	20,544	20,984	19,769	20,435	19,236	17,282	-2.1	18.9
Religious	3,421	3,659	3,335	3,683	3,911	3,525	-6.5	-3.0
Amusement and recreation	12,747	12,663	12,255	12,350	12,410	10,159	0.7	25.5
Transportation	12,245	12,620	12,371	11,936	11,622	13,499	-3.0	-9.3
Communication	21,513	20,446	19,924	18,539	18,875	20,957	5.2	2.7
Power	87,097	85,732	85,620	88,664	90,021	84,757	1.6	2.8
Manufacturing	68,095	70,537	72,618	75,589	78,434	72,396	-3.5	-5.9
Total Public Construction²	284,531	289,594	287,577	280,828	278,090	289,622	-1.7	-1.8
Residential	6,341	6,590	7,083	6,271	6,664	6,561	-3.8	-3.4
Nonresidential	278,191	283,005	280,494	274,557	271,427	283,061	-1.7	-1.7
Office	7,864	8,457	7,771	8,055	8,152	7,650	-7.0	2.8
Commercial	3,170	3,206	3,202	3,298	3,347	3,012	-1.1	5.2
Health care	8,697	8,832	8,847	8,853	9,004	8,516	-1.5	2.1
Educational	70,095	71,642	69,704	68,560	69,234	69,075	-2.2	1.5
Public safety	8,158	7,989	8,158	7,870	7,739	8,331	2.1	-2.1
Amusement and recreation	10,045	10,194	10,105	9,425	9,537	10,016	-1.5	0.3
Transportation	29,870	30,106	30,170	29,168	28,892	31,529	-0.8	-5.3
Power	6,448	6,748	7,029	7,001	7,088	8,898	-4.4	-27.5
Highway and street	94,347	94,948	94,368	91,676	87,360	92,946	-0.6	1.5
Sewage and waste disposal	19,032	20,159	20,634	20,517	21,096	23,263	-5.6	-18.2
Water supply	11,512	11,723	11,837	11,639	11,528	11,611	-1.8	-0.9
Conservation and development	7,772	7,938	7,667	7,334	7,222	6,868	-2.1	13.2

^PPreliminary ^rRevised

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.)

Type of Construction	Dec 2016 ^p	Nov 2016 ^f	Oct 2016 ^f	Sep 2016	Aug 2016	Dec 2015	Year-to-date		
							Dec 2016	Dec 2015	Percent change
Total Construction	90,508	99,571	106,802	107,285	109,097	86,894	1,162,351	1,112,433	4.5
Residential	34,972	38,960	42,743	41,785	43,206	33,374	462,640	440,255	5.1
Nonresidential	55,536	60,611	64,059	65,500	65,891	53,520	699,710	672,178	4.1
Lodging	2,244	2,453	2,383	2,502	2,441	1,904	27,122	21,728	24.8
Office	6,075	6,347	6,574	6,736	6,367	4,677	68,935	55,188	24.9
Commercial	6,179	6,710	6,987	6,846	6,779	5,449	74,242	66,924	10.9
Health care	3,427	3,540	3,642	3,871	3,709	3,223	41,415	40,734	1.7
Educational	6,521	7,192	7,459	7,973	9,066	6,187	88,690	83,517	6.2
Religious	272	310	307	338	361	286	3,735	3,667	1.9
Public safety	684	700	703	767	691	703	8,084	8,729	-7.4
Amusement and recreation	1,781	1,921	2,009	1,948	1,954	1,581	21,794	19,878	9.6
Transportation	3,382	3,769	3,925	3,807	3,732	3,604	42,794	45,566	-6.1
Communication	2,053	1,938	1,758	1,659	1,696	2,029	19,698	20,507	-3.9
Power	7,950	8,067	8,192	8,114	8,143	8,051	95,260	92,435	3.1
Highway and street	5,895	8,164	10,055	10,450	10,382	5,878	91,428	89,751	1.9
Sewage and waste disposal	1,492	1,761	1,991	1,939	2,009	1,838	22,143	24,285	-8.8
Water supply	898	1,018	1,109	1,053	1,040	887	11,875	13,107	-9.4
Conservation and development	676	664	617	775	643	593	7,667	7,985	-4.0
Manufacturing	6,007	6,056	6,352	6,722	6,880	6,629	74,829	78,178	-4.3
Total Private Construction¹	70,164	75,455	79,906	79,301	80,435	66,024	876,321	823,540	6.4
Residential	34,465	38,397	42,111	41,204	42,617	32,848	456,174	433,691	5.2
New single family	18,658	21,842	22,259	22,103	22,170	18,528	242,989	233,049	4.3
New multi-family	4,999	5,213	5,414	5,289	5,425	4,508	60,669	52,146	16.3
Nonresidential	35,698	37,058	37,795	38,097	37,818	33,176	420,146	389,850	7.8
Lodging	2,213	2,417	2,349	2,476	2,418	1,864	26,746	21,163	26.4
Office	5,440	5,645	5,919	5,962	5,651	4,056	61,114	47,190	29.5
Commercial	5,920	6,425	6,725	6,516	6,472	5,203	70,964	64,273	10.4
Health care	2,711	2,810	2,914	3,044	2,936	2,524	32,818	32,221	1.9
Educational	1,570	1,643	1,630	1,700	1,786	1,312	18,968	16,907	12.2
Religious	272	310	307	338	361	286	3,735	3,658	2.1
Amusement and recreation	1,016	1,051	1,076	1,074	1,061	807	11,795	9,634	22.4
Transportation	1,044	1,205	1,192	1,091	1,056	1,122	12,435	13,528	-8.1
Communication	2,041	1,930	1,749	1,652	1,683	2,015	19,563	20,339	-3.8
Power	7,454	7,539	7,551	7,507	7,502	7,336	86,930	81,938	6.1
Manufacturing	5,953	6,011	6,311	6,658	6,814	6,571	74,174	77,508	-4.3
Total Public Construction²	20,345	24,117	26,896	27,984	28,662	20,870	286,030	288,892	-1.0
Residential	507	563	632	581	589	526	6,466	6,564	-1.5
Nonresidential	19,838	23,553	26,264	27,403	28,073	20,344	279,564	282,328	-1.0
Office	635	702	656	774	716	622	7,821	7,998	-2.2
Commercial	259	286	262	330	308	246	3,278	2,650	23.7
Health care	716	731	728	827	773	699	8,597	8,513	1.0
Educational	4,951	5,549	5,829	6,273	7,280	4,875	69,723	66,610	4.7
Public safety	675	692	695	759	683	689	7,996	8,514	-6.1
Amusement and recreation	766	870	933	874	893	774	9,999	10,245	-2.4
Transportation	2,338	2,564	2,733	2,716	2,676	2,482	30,359	32,038	-5.2
Power	496	528	641	608	641	715	8,330	10,497	-20.6
Highway and street	5,876	8,143	10,040	10,430	10,365	5,848	91,196	89,402	2.0
Sewage and waste disposal	1,470	1,734	1,958	1,904	1,974	1,814	21,778	24,010	-9.3
Water supply	887	1,006	1,096	1,041	1,028	881	11,728	12,572	-6.7
Conservation and development	670	661	612	770	635	586	7,594	7,868	-3.5

^pPreliminary ^fRevised

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)

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
Total Construction	0.9	0.5	0.6	0.6	0.8
Residential	4.7	4.5	4.9	2.3	6.6
Nonresidential	0.9	0.5	0.6	0.6	0.8
Lodging	2.0	1.5	2.1	1.3	2.4
Office	2.7	2.1	2.4	1.4	3.0
Commercial	3.0	1.6	2.0	1.3	2.9
Health care	2.2	1.4	2.0	1.1	2.5
Educational	2.0	1.3	1.8	1.2	2.0
Religious	7.2	4.9	6.2	2.4	7.7
Public safety	3.1	2.2	2.5	2.2	3.6
Amusement and recreation	3.6	2.1	2.9	2.3	4.4
Transportation	1.8	1.2	1.5	1.4	2.6
Communication	NA	NA	NA	NA	NA
Power	0.3	0.3	0.4	0.3	0.6
Highway and street	3.6	1.6	2.1	2.5	3.2
Sewage and waste disposal	3.4	2.3	2.5	2.3	3.5
Water supply	4.4	2.3	3.3	3.8	5.7
Conservation and development	4.0	2.7	3.2	2.8	4.8
Manufacturing	0.9	0.9	0.8	0.9	0.6
Total Private Construction	1.0	0.6	0.7	0.5	1.0
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	5.7	5.3	4.2	2.1	5.5
Nonresidential	1.0	0.6	0.7	0.5	1.0
Lodging	2.0	1.5	2.1	1.3	2.4
Office	3.1	2.4	2.7	1.5	3.4
Commercial	3.1	1.6	2.0	1.4	3.0
Health care	2.7	1.8	2.5	1.2	3.1
Educational	3.1	2.1	2.9	1.5	3.7
Religious	7.2	4.9	6.2	2.4	7.7
Amusement and recreation	3.5	2.4	3.3	1.9	4.9
Transportation	4.4	3.1	4.1	1.3	5.1
Communication	NA	NA	NA	NA	NA
Power	0.3	0.2	0.3	0.2	0.6
Manufacturing	0.9	0.9	0.8	0.9	0.6
Total Public Construction	1.4	0.7	0.9	1.1	1.3
Residential	4.7	4.5	4.9	2.3	6.6
Nonresidential	1.5	0.8	0.9	1.1	1.3
Office	3.3	2.6	3.2	3.8	4.2
Commercial	9.6	7.7	12.6	4.7	11.9
Health care	2.8	2.1	2.5	1.8	3.5
Educational	2.4	1.5	2.1	1.4	2.3
Public safety	3.1	2.2	2.5	2.2	3.7
Amusement and recreation	6.3	3.5	4.5	4.4	7.2
Transportation	1.9	1.3	1.6	1.6	2.9
Power	4.5	3.2	2.7	4.0	2.1
Highway and street	3.6	1.6	2.1	2.5	3.2
Sewage and waste disposal	3.4	2.3	2.5	2.4	3.5
Water supply	4.5	2.4	3.5	3.8	5.7
Conservation and development	4.0	2.7	3.3	2.8	4.9

NA Not applicable

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	2016 ^P	2015	Percent change	Coefficient of Variation
Total Construction	1,162,351	1,112,433	4.5	0.5
Residential	462,640	440,255	5.1	4.5
Nonresidential	699,710	672,178	4.1	0.5
Lodging	27,122	21,728	24.8	1.5
Office	68,935	55,188	24.9	2.1
Commercial	74,242	66,924	10.9	1.6
Health care	41,415	40,734	1.7	1.4
Educational	88,690	83,517	6.2	1.3
Religious	3,735	3,667	1.9	4.9
Public safety	8,084	8,729	-7.4	2.2
Amusement and recreation	21,794	19,878	9.6	2.1
Transportation	42,794	45,566	-6.1	1.2
Communication	19,698	20,507	-3.9	NA
Power	95,260	92,435	3.1	0.3
Highway and street	91,428	89,751	1.9	1.6
Sewage and waste disposal	22,143	24,285	-8.8	2.3
Water supply	11,875	13,107	-9.4	2.3
Conservation and development	7,667	7,985	-4.0	2.7
Manufacturing	74,829	78,178	-4.3	0.9
Total Private Construction¹	876,321	823,540	6.4	0.6
Residential	456,174	433,691	5.2	1.1
New single family	242,989	233,049	4.3	4.0
New multi-family	60,669	52,146	16.3	5.3
Nonresidential	420,146	389,850	7.8	0.6
Lodging	26,746	21,163	26.4	1.5
Office	61,114	47,190	29.5	2.4
Commercial	70,964	64,273	10.4	1.6
Health care	32,818	32,221	1.9	1.8
Educational	18,968	16,907	12.2	2.1
Religious	3,735	3,658	2.1	4.9
Public safety	88	214	-58.9	29.6
Amusement and recreation	11,795	9,634	22.4	2.4
Transportation	12,435	13,528	-8.1	3.1
Communication	19,563	20,339	-3.8	NA
Power	86,930	81,938	6.1	0.2
Sewage and waste disposal	365	275	32.7	19.4
Water supply	147	535	-72.5	15.7
Manufacturing	74,174	77,508	-4.3	0.9
Total Public Construction²	286,030	288,892	-1.0	0.7
Residential	6,466	6,564	-1.5	4.5
Nonresidential	279,564	282,328	-1.0	0.8
Office	7,821	7,998	-2.2	2.6
Commercial	3,278	2,650	23.7	7.7
Health care	8,597	8,513	1.0	2.1
Educational	69,723	66,610	4.7	1.5
Public safety	7,996	8,514	-6.1	2.2
Amusement and recreation	9,999	10,245	-2.4	3.5
Transportation	30,359	32,038	-5.2	1.3
Power	8,330	10,497	-20.6	3.2
Highway and street	91,196	89,402	2.0	1.6
Sewage and waste disposal	21,778	24,010	-9.3	2.3
Water supply	11,728	12,572	-6.7	2.4
Conservation and development	7,594	7,868	-3.5	2.7

NA Not applicable ^PPreliminary

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

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