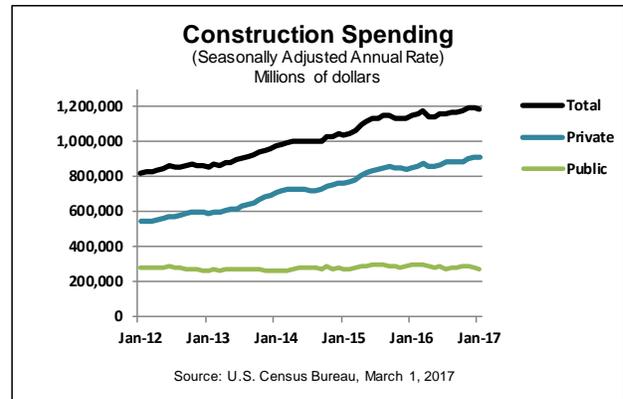


MONTHLY CONSTRUCTION SPENDING, JANUARY 2017

Release Number: CB17-33

March 1, 2017 — The U.S. Census Bureau announced the following value put in place construction statistics for January 2017:

CONSTRUCTION SPENDING	
JANUARY 2017	\$1,180.3 billion
DECEMBER 2016 (revised)	\$1,192.2 billion
Next release: April 3, 2017	
Seasonally Adjusted Annual Rate Source: U.S. Census Bureau, March 1, 2017	



Total Construction

Construction spending during January 2017 was estimated at a seasonally adjusted annual rate of \$1,180.3 billion, 1.0 percent (± 1.0 percent)* below the revised December estimate of \$1,192.2 billion. The January figure is 3.1 percent (± 1.5 percent) above the January 2016 estimate of \$1,144.9 billion.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$911.6 billion, 0.2 percent (± 0.8 percent)* above the revised December estimate of \$909.4 billion. Residential construction was at a seasonally adjusted annual rate of \$476.4 billion in January, 0.5 percent (± 1.3 percent)* above the revised December estimate of \$474.0 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$435.3 billion in January, nearly the same as (± 0.8 percent)* the revised December estimate of \$435.4 billion.

Public Construction

In January, the estimated seasonally adjusted annual rate of public construction spending was \$268.7 billion, 5.0 percent (± 1.8 percent) below the revised December estimate of \$282.8 billion. Educational construction was at a seasonally adjusted annual rate of \$69.2 billion, 2.7 percent (± 2.5 percent) below the revised December estimate of \$71.1 billion. Highway construction was at a seasonally adjusted annual rate of \$86.7 billion, 3.3 percent (± 4.1 percent)* below the revised December estimate of \$89.6 billion.

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U.S. Department of Commerce
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General Information

With the release of the January 2017 Monthly Construction Spending Report on March 1, 2017, the U.S. Census Bureau implemented a new format for the text portion of the release. In addition, the presentation of the release on our webpage changed. The text portion of the release was removed from the Excel file. The layout and format of the tables did not change, though some explanatory notes moved to the text portion of the document. The full text and table are still available as a PDF.`

The February 2017 Monthly Construction Spending Report is scheduled for release on April 3, 2017 . View the full schedule in the Economic Briefing Room: <www.census.gov/economic-indicators/>. The full text and tables for this release can be found at <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 (± 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, 0.83 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/>.

America's Economy Mobile App

The America's Economy app provides real-time updates for 19 key economic indicators released from the U.S. Census Bureau, Bureau of Labor Statistics, and Bureau of Economic Analysis.

<www.census.gov/mobile/economy/>

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/>

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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.)

Type of Construction	Jan 2017 ^P	Dec 2016 ^r	Nov 2016 ^r	Oct 2016	Sep 2016	Jan 2016	Percent change Jan 2017 from -	
							Dec 2016	Jan 2016
Total Construction	1,180,333	1,192,150	1,191,468	1,173,749	1,164,432	1,144,928	-1.0	3.1
Residential	481,892	480,477	477,406	466,621	457,243	456,604	0.3	5.5
Nonresidential	698,441	711,673	714,062	707,128	707,189	688,324	-1.9	1.5
Lodging	28,695	28,625	28,971	27,382	28,968	23,480	0.2	22.2
Office	75,022	76,312	75,502	74,224	74,571	58,243	-1.7	28.8
Commercial	79,922	80,648	79,109	76,542	74,655	72,243	-0.9	10.6
Health care	41,076	41,724	41,243	42,017	42,911	38,513	-1.6	6.7
Educational	89,733	92,039	92,615	89,473	88,996	85,691	-2.5	4.7
Religious	3,329	3,505	3,670	3,335	3,683	3,531	-5.0	-5.7
Public safety	7,304	8,761	8,159	8,247	7,963	8,243	-16.6	-11.4
Amusement and recreation	22,174	22,478	22,629	22,360	21,775	20,217	-1.4	9.7
Transportation	39,043	41,746	41,638	42,541	41,104	44,129	-6.5	-11.5
Communication	21,702	21,589	20,625	20,028	18,617	22,039	0.5	-1.5
Power	96,987	95,508	93,860	92,649	95,665	94,940	1.5	2.2
Highway and street	86,998	89,849	92,356	94,525	91,854	96,720	-3.2	-10.1
Sewage and waste disposal	18,756	19,657	20,483	20,990	20,909	25,941	-4.6	-27.7
Water supply	10,546	11,932	11,755	11,989	11,765	11,829	-11.6	-10.8
Conservation and development	7,100	7,600	7,971	7,719	7,387	7,354	-6.6	-3.5
Manufacturing	70,055	69,701	73,476	73,107	76,368	75,213	0.5	-6.9
Total Private Construction¹	911,644	909,387	904,708	886,172	883,604	849,743	0.2	7.3
Residential	476,395	473,999	470,807	459,538	450,972	450,037	0.5	5.9
New single family	253,806	251,131	249,191	243,794	236,691	248,134	1.1	2.3
New multi-family	63,537	62,181	61,611	62,470	61,458	58,312	2.2	9.0
Nonresidential	435,250	435,389	433,900	426,634	432,632	399,706	0.0	8.9
Lodging	28,340	28,293	28,592	26,974	28,663	23,113	0.2	22.6
Office	67,904	68,216	67,045	66,453	66,515	50,722	-0.5	33.9
Commercial	77,087	77,455	75,970	73,340	71,358	68,915	-0.5	11.9
Health care	33,027	33,103	32,681	33,170	34,058	30,563	-0.2	8.1
Educational	20,490	20,900	20,817	19,769	20,435	17,703	-2.0	15.7
Religious	3,329	3,505	3,670	3,335	3,683	3,531	-5.0	-5.7
Amusement and recreation	12,165	12,579	12,585	12,255	12,350	10,329	-3.3	17.8
Transportation	11,175	11,428	11,466	12,371	11,936	12,568	-2.2	-11.1
Communication	21,622	21,434	20,529	19,924	18,539	21,879	0.9	-1.2
Power	89,847	88,640	86,829	85,620	88,664	84,907	1.4	5.8
Manufacturing	69,465	69,063	72,935	72,618	75,589	74,525	0.6	-6.8
Total Public Construction²	268,689	282,763	286,761	287,577	280,828	295,186	-5.0	-9.0
Residential	5,497	6,478	6,599	7,083	6,271	6,567	-15.1	-16.3
Nonresidential	263,192	276,285	280,162	280,494	274,557	288,619	-4.7	-8.8
Office	7,118	8,096	8,457	7,771	8,055	7,521	-12.1	-5.4
Commercial	2,835	3,193	3,139	3,202	3,298	3,328	-11.2	-14.8
Health care	8,049	8,621	8,562	8,847	8,853	7,949	-6.6	1.3
Educational	69,243	71,139	71,799	69,704	68,560	67,988	-2.7	1.8
Public safety	7,181	8,634	8,054	8,158	7,870	8,139	-16.8	-11.8
Amusement and recreation	10,009	9,899	10,044	10,105	9,425	9,888	1.1	1.2
Transportation	27,867	30,318	30,172	30,170	29,168	31,561	-8.1	-11.7
Power	7,140	6,869	7,031	7,029	7,001	10,033	3.9	-28.8
Highway and street	86,717	89,644	92,163	94,368	91,676	96,484	-3.3	-10.1
Sewage and waste disposal	18,587	19,403	20,201	20,634	20,517	25,556	-4.2	-27.3
Water supply	10,368	11,794	11,607	11,837	11,639	11,673	-12.1	-11.2
Conservation and development	7,052	7,549	7,917	7,667	7,334	7,283	-6.6	-3.2

^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.

Data are at an annual rate, adjusted for seasonality but not price changes. Source: U.S. Census Bureau, Construction Spending, March 1, 2017. 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.

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	Jan 2017 ^P	Dec 2016 ^F	Nov 2016 ^F	Oct 2016	Sep 2016	Jan 2016	Year-to-date		
							Jan 2017	Jan 2016	Percent change
Total Construction	81,317	91,527	100,555	106,802	107,285	78,610	81,317	78,610	3.4
Residential	32,340	35,490	39,702	42,743	41,785	30,797	32,340	30,797	5.0
Nonresidential	48,978	56,037	60,853	64,059	65,500	47,813	48,978	47,813	2.4
Lodging	2,177	2,356	2,468	2,383	2,502	1,809	2,177	1,809	20.3
Office	5,632	6,151	6,401	6,574	6,736	4,372	5,632	4,372	28.8
Commercial	5,730	6,332	6,779	6,987	6,846	5,156	5,730	5,156	11.1
Health care	3,100	3,401	3,512	3,642	3,871	2,928	3,100	2,928	5.9
Educational	6,050	6,639	7,203	7,459	7,973	5,790	6,050	5,790	4.5
Religious	243	282	312	307	338	263	243	263	-7.6
Public safety	557	731	714	703	767	636	557	636	-12.4
Amusement and recreation	1,625	1,758	1,913	2,009	1,948	1,462	1,625	1,462	11.1
Transportation	2,706	3,329	3,647	3,925	3,807	3,035	2,706	3,035	-10.8
Communication	1,494	2,053	1,938	1,758	1,659	1,453	1,494	1,453	2.8
Power	7,735	8,169	8,264	8,192	8,114	7,520	7,735	7,520	2.9
Highway and street	4,022	5,579	7,996	10,055	10,450	4,500	4,022	4,500	-10.6
Sewage and waste disposal	1,284	1,528	1,766	1,991	1,939	1,778	1,284	1,778	-27.8
Water supply	760	927	1,009	1,109	1,053	854	760	854	-11.0
Conservation and development	519	653	667	617	775	532	519	532	-2.4
Manufacturing	5,345	6,148	6,264	6,352	6,722	5,725	5,345	5,725	-6.6
Total Private Construction¹	64,710	71,221	76,585	79,906	79,301	60,343	64,710	60,343	7.2
Residential	31,953	34,965	39,135	42,111	41,204	30,340	31,953	30,340	5.3
New single family	17,588	18,687	21,839	22,259	22,103	17,152	17,588	17,152	2.5
New multi-family	4,812	4,819	5,173	5,414	5,289	4,431	4,812	4,431	8.6
Nonresidential	32,757	36,255	37,449	37,795	38,097	30,003	32,757	30,003	9.2
Lodging	2,147	2,329	2,436	2,349	2,476	1,778	2,147	1,778	20.8
Office	5,096	5,494	5,698	5,919	5,962	3,811	5,096	3,811	33.7
Commercial	5,538	6,069	6,499	6,725	6,516	4,920	5,538	4,920	12.6
Health care	2,487	2,681	2,803	2,914	3,044	2,315	2,487	2,315	7.4
Educational	1,477	1,591	1,637	1,630	1,700	1,271	1,477	1,271	16.2
Religious	243	282	312	307	338	263	243	263	-7.6
Amusement and recreation	947	1,006	1,052	1,076	1,074	802	947	802	18.1
Transportation	747	965	1,075	1,192	1,091	847	747	847	-11.8
Communication	1,488	2,041	1,930	1,749	1,652	1,440	1,488	1,440	3.3
Power	7,237	7,639	7,717	7,551	7,507	6,819	7,237	6,819	6.1
Manufacturing	5,295	6,095	6,219	6,311	6,658	5,668	5,295	5,668	-6.6
Total Public Construction²	16,607	20,306	23,970	26,896	27,984	18,267	16,607	18,267	-9.1
Residential	387	524	567	632	581	457	387	457	-15.3
Nonresidential	16,221	19,781	23,403	26,264	27,403	17,810	16,221	17,810	-8.9
Office	536	658	703	656	774	560	536	560	-4.3
Commercial	192	264	280	262	330	236	192	236	-18.6
Health care	613	720	709	728	827	613	613	613	0.0
Educational	4,574	5,048	5,566	5,829	6,273	4,519	4,574	4,519	1.2
Public safety	547	721	705	695	759	628	547	628	-12.9
Amusement and recreation	679	753	860	933	874	660	679	660	2.9
Transportation	1,958	2,364	2,573	2,733	2,716	2,188	1,958	2,188	-10.5
Power	498	530	547	641	608	701	498	701	-29.0
Highway and street	4,005	5,560	7,976	10,040	10,430	4,486	4,005	4,486	-10.7
Sewage and waste disposal	1,272	1,507	1,742	1,958	1,904	1,750	1,272	1,750	-27.3
Water supply	746	915	996	1,096	1,041	842	746	842	-11.4
Conservation and development	515	649	662	612	770	526	515	526	-2.1

^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.

Data are at an annual rate, adjusted for seasonality but not price changes. Source: U.S. Census Bureau, Construction Spending, March 1, 2017. 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.

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	0.8	0.9	0.6	0.9
Residential	5.0	6.7	5.9	1.8	5.9
Nonresidential	0.9	0.8	0.9	0.6	0.9
Lodging	2.0	2.0	2.4	1.1	2.4
Office	2.7	2.7	3.3	1.5	3.3
Commercial	3.1	3.2	3.2	1.5	3.2
Health care	2.2	2.0	2.9	1.3	2.9
Educational	2.0	1.5	2.1	1.2	2.1
Religious	7.1	7.5	8.3	4.4	8.3
Public safety	3.1	3.0	3.4	2.2	3.4
Amusement and recreation	3.4	3.7	4.7	2.4	4.7
Transportation	1.8	1.6	2.1	1.6	2.1
Communication	NA	NA	NA	NA	NA
Power	0.3	0.3	0.4	0.2	0.4
Highway and street	3.6	3.7	4.2	2.5	4.2
Sewage and waste disposal	3.5	4.0	3.9	3.1	3.9
Water supply	4.4	4.6	6.1	8.8	6.1
Conservation and development	4.3	6.2	6.9	3.0	6.9
Manufacturing	0.9	0.7	0.7	0.4	0.7
Total Private Construction	1.0	0.9	1.1	0.5	1.1
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	5.6	4.8	6.3	1.9	6.3
Nonresidential	1.0	0.9	1.1	0.5	1.1
Lodging	2.0	2.0	2.4	1.1	2.4
Office	3.1	3.0	3.7	1.7	3.7
Commercial	3.2	3.4	3.3	1.6	3.3
Health care	2.7	2.5	3.6	1.5	3.6
Educational	3.1	2.6	3.7	1.1	3.7
Religious	7.1	7.5	8.3	4.4	8.3
Amusement and recreation	3.5	3.4	5.0	2.5	5.0
Transportation	4.2	5.6	8.1	4.7	8.1
Communication	NA	NA	NA	NA	NA
Power	0.2	0.2	0.3	0.2	0.3
Manufacturing	0.9	0.6	0.7	0.3	0.7
Total Public Construction	1.4	1.2	1.5	1.1	1.5
Residential	5.0	6.7	5.9	1.8	5.9
Nonresidential	1.5	1.2	1.5	1.1	1.5
Office	3.3	3.2	4.0	2.7	4.0
Commercial	9.0	5.7	15.0	4.5	15.0
Health care	2.8	2.4	3.2	1.9	3.2
Educational	2.4	1.9	2.5	1.5	2.5
Public safety	3.1	3.0	3.4	2.3	3.4
Amusement and recreation	6.0	7.3	8.2	4.6	8.2
Transportation	1.9	1.6	2.1	1.7	2.1
Power	4.4	4.1	2.7	4.2	2.7
Highway and street	3.6	3.7	4.2	2.5	4.2
Sewage and waste disposal	3.5	4.0	3.9	3.1	3.9
Water supply	4.4	4.5	5.9	8.7	5.9
Conservation and development	4.3	6.2	7.0	3.0	7.0

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, March 1, 2017. Additional information on the survey methodology may be found at 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	2016 ^f	2015	Percent change	Coefficient of Variation
Total Construction	1,164,352	1,112,433	4.7	0.5
Residential	463,900	440,255	5.4	4.5
Nonresidential	700,452	672,178	4.2	0.5
Lodging	27,249	21,728	25.4	1.5
Office	69,066	55,188	25.1	2.1
Commercial	74,465	66,924	11.3	1.6
Health care	41,361	40,734	1.5	1.4
Educational	88,819	83,517	6.3	1.3
Religious	3,747	3,667	2.2	4.9
Public safety	8,145	8,729	-6.7	2.2
Amusement and recreation	21,763	19,878	9.5	2.1
Transportation	42,620	45,566	-6.5	1.2
Communication	19,698	20,507	-3.9	18.4
Power	95,675	92,435	3.5	0.3
Highway and street	90,944	89,751	1.3	1.6
Sewage and waste disposal	22,183	24,285	-8.7	2.3
Water supply	11,895	13,107	-9.2	2.3
Conservation and development	7,647	7,985	-4.2	2.7
Manufacturing	75,178	78,178	-3.8	0.9
Total Private Construction¹	878,508	823,540	6.7	0.6
Residential	457,412	433,691	5.5	1.1
New single family	243,016	233,049	4.3	4.0
New multi-family	60,450	52,146	15.9	5.3
Nonresidential	421,095	389,850	8.0	0.6
Lodging	26,880	21,163	27.0	1.5
Office	61,221	47,190	29.7	2.4
Commercial	71,187	64,273	10.8	1.6
Health care	32,782	32,221	1.7	1.8
Educational	18,982	16,907	12.3	2.1
Religious	3,747	3,658	2.4	4.9
Public safety	90	214	-57.9	29.6
Amusement and recreation	11,787	9,634	22.3	2.4
Transportation	12,226	13,528	-9.6	3.1
Communication	19,563	20,339	-3.8	NA
Power	87,293	81,938	6.5	0.2
Sewage and waste disposal	360	275	30.9	19.4
Water supply	149	535	-72.1	15.7
Manufacturing	74,523	77,508	-3.9	0.9
Total Public Construction²	285,845	288,892	-1.1	0.7
Residential	6,488	6,564	-1.2	4.5
Nonresidential	279,357	282,328	-1.1	0.8
Office	7,844	7,998	-1.9	2.6
Commercial	3,277	2,650	23.7	7.7
Health care	8,579	8,513	0.8	2.1
Educational	69,836	66,610	4.8	1.5
Public safety	8,055	8,514	-5.4	2.2
Amusement and recreation	9,976	10,245	-2.6	3.5
Transportation	30,394	32,038	-5.1	1.3
Power	8,383	10,497	-20.1	3.2
Highway and street	90,711	89,402	1.5	1.6
Sewage and waste disposal	21,823	24,010	-9.1	2.3
Water supply	11,746	12,572	-6.6	2.4
Conservation and development	7,575	7,868	-3.7	2.7

NA Not applicable ^fRevised

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.

Source: U.S. Census Bureau, Construction Spending, March 1, 2017. Additional information on the survey methodology may be found at www.census.gov/construction/c30/meth.html.