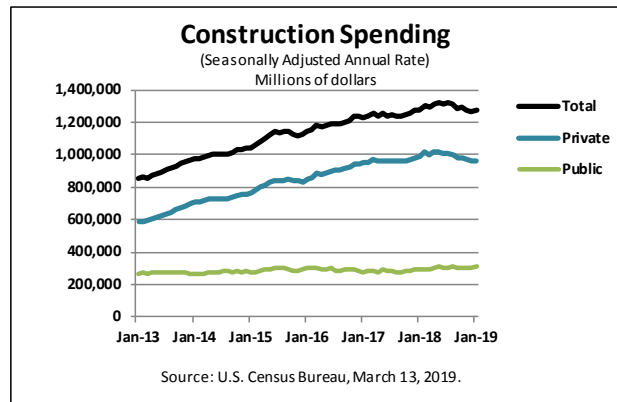


MONTHLY CONSTRUCTION SPENDING, JANUARY 2019

Release Number: CB19-29

March 13, 2019 — The U.S. Census Bureau announced the following value put in place construction statistics for January 2019:

CONSTRUCTION SPENDING	
JANUARY 2019	\$1,279.6 billion
DECEMBER 2018 (revised)	\$1,263.1 billion
Next release: April 1, 2019	
Seasonally Adjusted Annual Rate	
Source: U.S. Census Bureau, March 13, 2019	



Total Construction

Construction spending during January 2019 was estimated at a seasonally adjusted annual rate of \$1,279.6 billion, 1.3 percent (± 0.8 percent) above the revised December estimate of \$1,263.1 billion. The January figure is 0.3 percent (± 1.2 percent)* above the January 2018 estimate of \$1,276.3 billion.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$966.0 billion, 0.2 percent (± 0.7 percent)* above the revised December estimate of \$964.2 billion. Residential construction was at a seasonally adjusted annual rate of \$511.4 billion in January, 0.3 percent (± 1.3 percent)* below the revised December estimate of \$512.9 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$454.7 billion in January, 0.8 percent (± 0.7 percent) above the revised December estimate of \$451.2 billion.

Public Construction

In January, the estimated seasonally adjusted annual rate of public construction spending was \$313.6 billion, 4.9 percent (± 1.6 percent) above the revised December estimate of \$299.0 billion. Educational construction was at a seasonally adjusted annual rate of \$77.8 billion, 2.2 percent (± 2.0 percent) above the revised December estimate of \$76.1 billion. Highway construction was at a seasonally adjusted annual rate of \$99.9 billion, 11.8 percent (± 5.1 percent) above the revised December estimate of \$89.3 billion.

Data Inquiries

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The February 2019 Monthly Construction Spending Report is scheduled for release on April 1, 2019. 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/>.

The release of data for March 2019 on May 1, 2019, will include adjustments to the estimates for January 2019 forward to account for additional projects identified as eligible for inclusion in the sampling frame. Data back to January 2015 will also be revised to account for these additional projects as part of the annual revisions to be issued later this year.

The U.S. Census Bureau updated its 2019 economic indicator release calendar to include January-March 2019 releases following the recent lapse in federal funding. Please refer to <www.census.gov/economic-indicators/> for the latest information on the rescheduled release dates.

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, 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/methodology.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/>

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U.S. Department of Commerce
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census.gov

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.)

Type of Construction	Jan 2019 ^p	Dec 2018 ^f	Nov 2018 ^f	Oct 2018	Sep 2018	Jan 2018	Percent change Jan 2019 from -	
							Dec 2018	Jan 2018
Total Construction	1,279,636	1,263,141	1,273,143	1,290,551	1,287,893	1,276,260	1.3	0.3
Residential	517,150	518,482	528,539	532,240	536,093	548,429	-0.3	-5.7
Nonresidential	762,486	744,659	744,604	758,311	751,800	727,831	2.4	4.8
Lodging	33,403	32,642	32,624	33,613	32,461	29,767	2.3	12.2
Office	75,696	74,657	73,911	76,785	73,079	70,164	1.4	7.9
Commercial	86,206	84,509	83,676	88,145	87,815	89,309	2.0	-3.5
Health care	42,202	41,530	41,236	42,863	41,871	43,451	1.6	-2.9
Educational	99,260	96,870	97,927	98,578	96,087	92,526	2.5	7.3
Religious	3,080	3,016	3,082	2,967	2,909	3,169	2.1	-2.8
Public safety	8,998	9,368	9,263	9,703	9,217	8,800	-3.9	2.3
Amusement and recreation	27,053	27,032	27,219	27,929	28,238	24,729	0.1	9.4
Transportation	54,564	52,301	53,550	52,652	53,004	49,855	4.3	9.4
Communication	23,698	24,802	23,714	24,075	23,923	25,693	-4.5	-7.8
Power	98,303	98,433	98,562	99,403	100,787	96,042	-0.1	2.4
Highway and street	100,246	89,711	90,230	90,801	91,718	88,747	11.7	13.0
Sewage and waste disposal	22,336	21,951	22,473	22,111	22,162	21,909	1.8	1.9
Water supply	12,681	12,820	13,042	14,344	14,163	12,022	-1.1	5.5
Conservation and development	8,406	7,972	7,705	8,444	8,891	7,403	5.4	13.5
Manufacturing	66,355	67,044	66,391	65,900	65,475	64,244	-1.0	3.3
Total Private Construction¹	966,041	964,154	971,065	984,149	983,239	985,949	0.2	-2.0
Residential	511,375	512,930	522,701	526,095	529,951	541,810	-0.3	-5.6
New single family	264,416	266,305	276,261	282,606	283,894	284,831	-0.7	-7.2
New multifamily	65,651	64,773	62,737	61,905	61,480	58,190	1.4	12.8
Nonresidential	454,667	451,225	448,364	458,054	453,288	444,139	0.8	2.4
Lodging	32,076	31,322	31,253	32,281	31,186	28,931	2.4	10.9
Office	66,016	64,836	64,570	67,003	64,083	61,364	1.8	7.6
Commercial	81,804	80,581	79,780	84,281	84,186	85,824	1.5	-4.7
Health care	33,100	33,098	31,961	33,567	32,428	33,804	0.0	-2.1
Educational	21,461	20,769	21,341	22,086	20,770	20,561	3.3	4.4
Religious	3,080	3,016	3,082	2,967	2,909	3,169	2.1	-2.8
Amusement and recreation	14,758	14,701	14,945	14,832	15,189	13,940	0.4	5.9
Transportation	18,780	17,577	17,997	17,241	17,587	16,483	6.8	13.9
Communication	23,501	24,601	23,456	23,764	23,639	25,588	-4.5	-8.2
Power	92,372	92,395	92,430	93,135	95,266	90,091	0.0	2.5
Manufacturing	66,215	66,897	66,222	65,554	64,966	63,838	-1.0	3.7
Total Public Construction²	313,595	298,987	302,078	306,402	304,654	290,311	4.9	8.0
Residential	5,776	5,553	5,839	6,145	6,141	6,619	4.0	-12.7
Nonresidential	307,819	293,434	296,240	300,258	298,513	283,693	4.9	8.5
Office	9,681	9,822	9,341	9,781	8,996	8,801	-1.4	10.0
Commercial	4,403	3,928	3,896	3,863	3,629	3,485	12.1	26.3
Health care	9,102	8,432	9,275	9,296	9,443	9,647	7.9	-5.6
Educational	77,799	76,101	76,587	76,492	75,318	71,965	2.2	8.1
Public safety	8,834	9,172	9,086	9,564	9,084	8,723	-3.7	1.3
Amusement and recreation	12,295	12,331	12,274	13,096	13,049	10,789	-0.3	14.0
Transportation	35,784	34,724	35,553	35,411	35,417	33,372	3.1	7.2
Power	5,931	6,037	6,132	6,268	5,521	5,951	-1.8	-0.3
Highway and street	99,851	89,342	89,901	90,491	91,483	88,560	11.8	12.7
Sewage and waste disposal	21,627	21,326	21,889	21,525	21,648	21,743	1.4	-0.5
Water supply	12,456	12,594	12,819	14,058	13,987	11,904	-1.1	4.6
Conservation and development	8,393	7,958	7,690	8,424	8,872	7,403	5.5	13.4

^p Preliminary ^f 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.

Data are at an annual rate, adjusted for seasonality but not price changes. Source: U.S. Census Bureau, Construction Spending, March 13, 2019.
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 2019 ^p	Dec 2018 ^r	Nov 2018 ^r	Oct 2018	Sep 2018	Jan 2018	Year-to-date		
							Jan 2019	Jan 2018	Percent change
Total Construction	88,086	95,191	105,945	115,136	115,840	88,504	88,086	88,504	-0.5
Residential	34,152	37,314	43,234	46,942	47,573	36,978	34,152	36,978	-7.6
Nonresidential	53,934	57,877	62,712	68,194	68,267	51,525	53,934	51,525	4.7
Lodging	2,610	2,643	2,731	2,887	2,724	2,309	2,610	2,309	13.0
Office	5,770	6,026	6,322	6,712	6,437	5,334	5,770	5,334	8.2
Commercial	6,238	6,645	7,017	7,922	7,818	6,465	6,238	6,465	-3.5
Health care	3,242	3,386	3,518	3,762	3,676	3,304	3,242	3,304	-1.9
Educational	6,789	6,871	7,526	8,166	8,506	6,277	6,789	6,277	8.2
Religious	218	238	252	274	273	224	218	224	-2.7
Public safety	688	764	801	856	858	674	688	674	2.1
Amusement and recreation	2,010	2,115	2,299	2,456	2,461	1,817	2,010	1,817	10.6
Transportation	3,824	4,147	4,625	4,795	4,793	3,484	3,824	3,484	9.8
Communication	1,744	2,332	2,187	2,095	1,994	1,838	1,744	1,838	-5.1
Power	7,894	8,304	8,525	8,590	8,420	7,760	7,894	7,760	1.7
Highway and street	4,777	5,318	7,552	9,759	10,302	4,192	4,777	4,192	14.0
Sewage and waste disposal	1,549	1,675	1,921	2,103	2,052	1,516	1,549	1,516	2.2
Water supply	903	980	1,100	1,307	1,276	874	903	874	3.3
Conservation and development	591	659	658	737	897	525	591	525	12.6
Manufacturing	5,087	5,774	5,677	5,771	5,781	4,933	5,087	4,933	3.1
Total Private Construction¹	68,448	74,138	81,065	86,476	86,071	70,312	68,448	70,312	-2.7
Residential	33,756	36,874	42,738	46,390	47,015	36,518	33,756	36,518	-7.6
New single family	18,230	19,725	24,170	25,675	26,350	19,772	18,230	19,772	-7.8
New multifamily	5,107	5,026	5,256	5,406	5,144	4,502	5,107	4,502	13.4
Nonresidential	34,693	37,264	38,328	40,086	39,056	33,795	34,693	33,795	2.7
Lodging	2,499	2,533	2,617	2,776	2,617	2,239	2,499	2,239	11.6
Office	5,054	5,224	5,535	5,850	5,624	4,679	5,054	4,679	8.0
Commercial	5,924	6,324	6,678	7,591	7,464	6,220	5,924	6,220	-4.8
Health care	2,537	2,702	2,753	2,971	2,842	2,572	2,537	2,572	-1.4
Educational	1,584	1,564	1,676	1,811	1,712	1,506	1,584	1,506	5.2
Religious	218	238	252	274	273	224	218	224	-2.7
Amusement and recreation	1,154	1,183	1,260	1,284	1,263	1,090	1,154	1,090	5.9
Transportation	1,345	1,478	1,588	1,554	1,519	1,162	1,345	1,162	15.7
Communication	1,728	2,315	2,166	2,069	1,970	1,829	1,728	1,829	-5.5
Power	7,469	7,830	8,024	8,040	7,933	7,336	7,469	7,336	1.8
Manufacturing	5,076	5,762	5,663	5,743	5,738	4,899	5,076	4,899	3.6
Total Public Construction²	19,637	21,052	24,880	28,659	29,769	18,191	19,637	18,191	7.9
Residential	396	440	496	552	558	461	396	461	-14.1
Nonresidential	19,241	20,613	24,384	28,108	29,211	17,731	19,241	17,731	8.5
Office	716	802	786	862	814	655	716	655	9.3
Commercial	314	321	339	332	354	245	314	245	28.2
Health care	705	684	765	792	834	732	705	732	-3.7
Educational	5,205	5,307	5,850	6,356	6,794	4,772	5,205	4,772	9.1
Public safety	675	748	786	844	847	667	675	667	1.2
Amusement and recreation	856	932	1,039	1,173	1,198	728	856	728	17.6
Transportation	2,478	2,669	3,037	3,241	3,274	2,322	2,478	2,322	6.7
Power	425	475	501	550	487	424	425	424	0.2
Highway and street	4,749	5,290	7,522	9,730	10,278	4,178	4,749	4,178	13.7
Sewage and waste disposal	1,503	1,627	1,872	2,053	2,003	1,506	1,503	1,506	-0.2
Water supply	888	962	1,080	1,276	1,260	865	888	865	2.7
Conservation and development	590	658	656	735	896	525	590	525	12.4

^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.

Source: U.S. Census Bureau, Construction Spending, March 13, 2019.

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	0.8	0.5	0.7	0.5	0.7
Residential	3.7	3.6	4.6	5.3	4.6
Nonresidential	0.8	0.5	0.8	0.5	0.8
Lodging	1.8	1.7	2.3	1.3	2.3
Office	2.0	1.5	1.9	0.8	1.9
Commercial	2.0	1.6	1.9	1.1	1.9
Health care	1.7	1.6	1.7	0.8	1.7
Educational	1.9	1.2	1.9	1.0	1.9
Religious	5.7	7.4	7.8	5.3	7.8
Public safety	3.1	2.9	3.8	2.7	3.8
Amusement and recreation	2.7	2.3	2.8	1.7	2.8
Transportation	1.3	1.0	1.7	0.8	1.7
Communication	NA	NA	NA	NA	NA
Power	0.4	0.4	0.5	0.2	0.5
Highway and street	3.3	2.8	4.7	3.1	4.7
Sewage and waste disposal	3.8	2.7	5.0	2.3	5.0
Water supply	4.5	4.3	5.5	3.6	5.5
Conservation and development	2.3	1.8	3.5	1.1	3.5
Manufacturing	1.0	0.5	0.9	0.3	0.9
Total Private Construction	0.7	0.5	0.8	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	5.8	6.1	3.7	1.1	3.7
Nonresidential	0.7	0.5	0.8	0.4	0.8
Lodging	1.7	1.7	2.3	1.3	2.3
Office	2.2	1.7	2.0	0.9	2.0
Commercial	2.0	1.6	1.9	1.1	1.9
Health care	2.1	1.9	2.0	0.9	2.0
Educational	2.4	1.9	2.3	0.9	2.3
Religious	5.7	7.4	7.8	5.3	7.8
Amusement and recreation	2.8	2.5	2.9	2.0	2.9
Transportation	1.0	1.3	2.1	0.4	2.1
Communication	NA	NA	NA	NA	NA
Power	0.3	0.4	0.4	0.1	0.4
Manufacturing	1.0	0.5	0.9	0.3	0.9
Total Public Construction	1.3	0.9	1.5	1.0	1.5
Residential	3.7	3.6	4.6	5.3	4.6
Nonresidential	1.4	1.0	1.5	1.0	1.5
Office	3.8	3.2	4.1	1.3	4.1
Commercial	6.3	6.6	9.8	5.2	9.8
Health care	2.5	2.8	3.0	2.1	3.0
Educational	2.3	1.5	2.4	1.2	2.4
Public safety	3.2	3.0	3.8	2.8	3.8
Amusement and recreation	4.7	3.7	5.4	2.8	5.4
Transportation	1.8	1.3	2.2	1.0	2.2
Power	6.9	4.6	4.6	3.8	4.6
Highway and street	3.4	2.8	4.7	3.1	4.7
Sewage and waste disposal	3.9	2.8	4.9	2.4	4.9
Water supply	4.5	4.3	5.6	3.7	5.6
Conservation and development	2.2	1.8	3.5	1.1	3.5

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, March 13, 2019. 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	2018 ^f	2017	Percent change	Coefficient of variation
Total Construction	1,293,256	1,246,000	3.8	0.5
Residential	545,388	531,657	2.6	2.8
Nonresidential	747,868	714,343	4.7	0.5
Lodging	31,872	28,672	11.2	1.4
Office	72,903	66,850	9.1	1.3
Commercial	89,521	87,733	2.0	1.7
Health care	42,023	41,916	0.3	1.2
Educational	94,277	91,213	3.4	1.3
Religious	3,014	3,366	-10.5	3.9
Public safety	9,229	8,290	11.3	2.2
Amusement and recreation	26,526	24,851	6.7	1.8
Transportation	51,866	45,173	14.8	1.1
Communication	24,633	24,831	-0.8	NA
Power	100,180	96,513	3.8	0.3
Highway and street	92,748	89,053	4.1	1.7
Sewage and waste disposal	22,046	20,386	8.1	2.3
Water supply	13,788	11,806	16.8	2.9
Conservation and development	8,209	7,244	13.3	2.6
Manufacturing	65,033	66,448	-2.1	0.7
Total Private Construction¹	991,684	962,780	3.0	0.5
Residential	539,010	524,947	2.7	1.1
New single family	284,012	270,163	5.1	4.0
New multifamily	60,253	59,945	0.5	5.9
Nonresidential	452,674	437,833	3.4	0.5
Lodging	30,727	27,985	9.8	1.3
Office	63,408	58,564	8.3	1.4
Commercial	85,919	84,637	1.5	1.8
Health care	32,867	32,645	0.7	1.5
Educational	20,869	20,263	3.0	1.8
Religious	3,014	3,366	-10.5	3.9
Public safety	135	96	40.6	10.6
Amusement and recreation	14,599	13,757	6.1	1.8
Transportation	17,021	14,779	15.2	1.0
Communication	24,455	24,701	-1.0	NA
Power	94,179	90,615	3.9	0.3
Sewage and waste disposal	385	226	70.4	15.5
Water supply	209	186	12.4	13.3
Manufacturing	64,615	65,796	-1.8	0.7
Total Public Construction²	301,571	283,220	6.5	0.7
Residential	6,378	6,710	-4.9	2.8
Nonresidential	295,193	276,510	6.8	0.8
Office	9,494	8,286	14.6	3.2
Commercial	3,602	3,096	16.3	4.7
Health care	9,156	9,270	-1.2	1.7
Educational	73,408	70,950	3.5	1.6
Public safety	9,094	8,193	11.0	2.2
Amusement and recreation	11,927	11,094	7.5	3.5
Transportation	34,845	30,393	14.6	1.4
Power	6,002	5,898	1.8	4.4
Highway and street	92,497	88,855	4.1	1.7
Sewage and waste disposal	21,661	20,160	7.4	2.4
Water supply	13,579	11,620	16.9	3.0
Conservation and development	8,189	7,225	13.3	2.6

NA Not applicable ^f Revised

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 13, 2019. Additional information on the survey methodology may be found at <www.census.gov/construction/c30/meth.html>