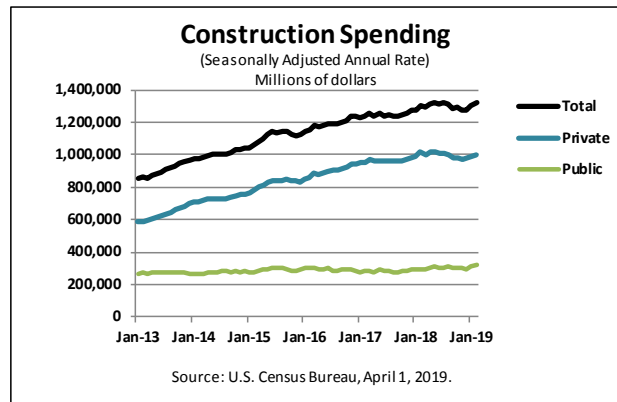


MONTHLY CONSTRUCTION SPENDING, FEBRUARY 2019

Release Number: CB19-36

April 1, 2019 — The U.S. Census Bureau announced the following value put in place construction statistics for February 2019:

CONSTRUCTION SPENDING	
FEBRUARY 2019	\$1,320.3 billion
JANUARY 2019 (revised)	\$1,307.3 billion
Next release: May 1, 2019	
Seasonally Adjusted Annual Rate Source: U.S. Census Bureau, April 1, 2019	



Total Construction

Construction spending during February 2019 was estimated at a seasonally adjusted annual rate of \$1,320.3 billion, 1.0 percent (± 0.8 percent) above the revised January estimate of \$1,307.3 billion. The February figure is 1.1 percent (± 1.5 percent)* above the February 2018 estimate of \$1,305.5 billion. During the first two months of this year, construction spending amounted to \$181.9 billion, 1.4 percent (± 1.3 percent) above the \$179.4 billion for the same period in 2018.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$994.5 billion, 0.2 percent (± 0.8 percent)* above the revised January estimate of \$993.0 billion. Residential construction was at a seasonally adjusted annual rate of \$540.9 billion in February, 0.7 percent (± 1.3 percent)* above the revised January estimate of \$536.9 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$453.6 billion in February, 0.5 percent (± 0.8 percent)* below the revised January estimate of \$456.0 billion.

Public Construction

In February, the estimated seasonally adjusted annual rate of public construction spending was \$325.8 billion, 3.6 percent (± 1.6 percent) above the revised January estimate of \$314.4 billion. Educational construction was at a seasonally adjusted annual rate of \$76.3 billion, 0.8 percent (± 2.0 percent)* above the revised January estimate of \$75.7 billion. Highway construction was at a seasonally adjusted annual rate of \$111.1 billion, 9.5 percent (± 5.3 percent) above the revised January estimate of \$101.5 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

Notice

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.

Due to the lapse in federal funding from December 22, 2018 through January 25, 2019, annual revisions will be released later than normal. With the release of data for July 2019 on September 3, 2019, unadjusted data will be revised back to January 2013 and seasonally adjusted data will be revised back to January 2008.

The March 2019 Monthly Construction Spending Report is scheduled for release on May 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/>.

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/>

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



U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
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.

###

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

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



U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
[census.gov](https://www.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	Feb 2019 ^p	Jan 2019 ^f	Dec 2018 ^f	Nov 2018	Oct 2018	Feb 2018	Percent change Feb 2019 from -	
							Jan 2019	Feb 2018
Total Construction	1,320,305	1,307,335	1,275,953	1,273,143	1,290,551	1,305,527	1.0	1.1
Residential	546,549	542,629	533,086	528,539	532,240	566,926	0.7	-3.6
Nonresidential	773,757	764,706	742,866	744,604	758,311	738,601	1.2	4.8
Lodging	33,445	33,453	32,928	32,624	33,613	31,083	0.0	7.6
Office	75,625	75,760	74,809	73,911	76,785	71,874	-0.2	5.2
Commercial	87,810	88,783	84,331	83,676	88,145	93,057	-1.1	-5.6
Health care	41,433	41,956	41,384	41,236	42,863	42,652	-1.2	-2.9
Educational	96,467	96,763	96,356	97,927	98,578	93,119	-0.3	3.6
Religious	3,087	3,214	3,091	3,082	2,967	3,181	-4.0	-3.0
Public safety	9,338	9,060	9,478	9,263	9,703	8,830	3.1	5.8
Amusement and recreation	27,338	27,133	26,914	27,219	27,929	25,070	0.8	9.0
Transportation	52,672	54,728	51,094	53,550	52,652	50,020	-3.8	5.3
Communication	23,182	23,430	24,697	23,714	24,075	26,079	-1.1	-11.1
Power	98,453	97,701	98,189	98,562	99,403	96,182	0.8	2.4
Highway and street	111,484	101,717	88,031	90,230	90,801	90,698	9.6	22.9
Sewage and waste disposal	23,658	22,530	22,209	22,473	22,111	21,720	5.0	8.9
Water supply	14,467	13,758	13,295	13,042	14,344	12,953	5.2	11.7
Conservation and development	8,556	8,549	8,078	7,705	8,444	7,177	0.1	19.2
Manufacturing	66,743	66,173	67,983	66,391	65,900	64,908	0.9	2.8
Total Private Construction¹	994,536	992,961	978,656	971,065	984,149	1,013,300	0.2	-1.9
Residential	540,897	536,941	527,586	522,701	526,095	560,173	0.7	-3.4
New single family	267,179	270,133	269,617	276,261	282,606	287,710	-1.1	-7.1
New multifamily	65,274	65,557	63,542	62,737	61,905	60,745	-0.4	7.5
Nonresidential	453,640	456,021	451,071	448,364	458,054	453,127	-0.5	0.1
Lodging	32,153	32,108	31,660	31,253	32,281	30,057	0.1	7.0
Office	65,796	66,052	64,960	64,570	67,003	62,800	-0.4	4.8
Commercial	83,654	84,338	80,243	79,780	84,281	89,603	-0.8	-6.6
Health care	33,149	33,049	33,030	31,961	33,567	33,908	0.3	-2.2
Educational	20,138	21,057	20,229	21,341	22,086	20,769	-4.4	-3.0
Religious	3,087	3,214	3,091	3,082	2,967	3,181	-4.0	-3.0
Amusement and recreation	14,387	14,496	14,715	14,945	14,832	14,295	-0.8	0.6
Transportation	17,865	19,204	17,238	17,997	17,241	16,395	-7.0	9.0
Communication	23,046	23,310	24,483	23,456	23,764	25,988	-1.1	-11.3
Power	92,278	91,753	92,294	92,430	93,135	91,017	0.6	1.4
Manufacturing	66,614	66,026	67,837	66,222	65,554	64,451	0.9	3.4
Total Public Construction²	325,769	314,373	297,296	302,078	306,402	292,227	3.6	11.5
Residential	5,652	5,688	5,501	5,839	6,145	6,753	-0.6	-16.3
Nonresidential	320,117	308,686	291,796	296,240	300,258	285,475	3.7	12.1
Office	9,829	9,708	9,849	9,341	9,781	9,073	1.2	8.3
Commercial	4,156	4,446	4,088	3,896	3,863	3,454	-6.5	20.3
Health care	8,284	8,907	8,354	9,275	9,296	8,744	-7.0	-5.3
Educational	76,329	75,706	76,128	76,587	76,492	72,350	0.8	5.5
Public safety	9,113	8,840	9,278	9,086	9,564	8,710	3.1	4.6
Amusement and recreation	12,951	12,638	12,200	12,274	13,096	10,775	2.5	20.2
Transportation	34,807	35,524	33,857	35,553	35,411	33,625	-2.0	3.5
Power	6,175	5,949	5,895	6,132	6,268	5,166	3.8	19.5
Highway and street	111,147	101,470	87,774	89,901	90,491	90,481	9.5	22.8
Sewage and waste disposal	22,996	21,859	21,607	21,889	21,525	21,588	5.2	6.5
Water supply	14,241	13,542	13,080	12,819	14,058	12,784	5.2	11.4
Conservation and development	8,533	8,486	8,061	7,690	8,424	7,150	0.6	19.3

^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, April 1, 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	Feb 2019 ^p	Jan 2019 ^r	Dec 2018 ^r	Nov 2018	Oct 2018	Feb 2018	Year-to-date		
							Feb 2019	Feb 2018	Percent change
Total Construction	91,821	90,047	95,917	105,945	115,136	90,888	181,868	179,392	1.4
Residential	37,454	36,073	38,099	43,234	46,942	38,576	73,527	75,555	-2.7
Nonresidential	54,366	53,974	57,818	62,712	68,194	52,312	108,341	103,837	4.3
Lodging	2,628	2,605	2,672	2,731	2,887	2,438	5,233	4,747	10.2
Office	5,807	5,771	6,038	6,322	6,712	5,491	11,578	10,826	6.9
Commercial	6,441	6,435	6,637	7,017	7,922	6,844	12,876	13,309	-3.3
Health care	3,202	3,227	3,372	3,518	3,762	3,292	6,429	6,596	-2.5
Educational	6,628	6,591	6,850	7,526	8,166	6,382	13,218	12,659	4.4
Religious	219	231	245	252	274	221	449	445	0.9
Public safety	684	696	777	801	856	641	1,379	1,315	4.9
Amusement and recreation	2,002	2,009	2,107	2,299	2,456	1,830	4,011	3,647	10.0
Transportation	3,636	3,846	4,064	4,625	4,795	3,469	7,482	6,952	7.6
Communication	1,724	1,738	2,333	2,187	2,095	1,893	3,462	3,731	-7.2
Power	7,803	7,843	8,276	8,525	8,590	7,676	15,647	15,436	1.4
Highway and street	5,253	4,762	5,211	7,552	9,759	4,299	10,015	8,491	17.9
Sewage and waste disposal	1,643	1,561	1,687	1,921	2,103	1,486	3,204	3,003	6.7
Water supply	1,029	984	1,014	1,100	1,307	932	2,012	1,806	11.4
Conservation and development	656	602	660	658	737	548	1,258	1,073	17.2
Manufacturing	5,012	5,076	5,874	5,677	5,771	4,871	10,088	9,804	2.9
Total Private Construction¹	71,485	70,478	74,982	81,065	86,476	72,439	141,963	142,751	-0.6
Residential	37,051	35,682	37,664	42,738	46,390	38,095	72,733	74,613	-2.5
New single family	17,758	18,708	20,007	24,170	25,675	19,124	36,466	38,896	-6.2
New multifamily	5,115	5,129	4,890	5,256	5,406	4,730	10,245	9,233	11.0
Nonresidential	34,434	34,796	37,317	38,328	40,086	34,344	69,230	68,139	1.6
Lodging	2,521	2,493	2,567	2,617	2,776	2,352	5,013	4,592	9.2
Office	5,076	5,056	5,235	5,535	5,850	4,815	10,132	9,494	6.7
Commercial	6,135	6,120	6,304	6,678	7,591	6,589	12,255	12,809	-4.3
Health care	2,556	2,535	2,694	2,753	2,971	2,603	5,091	5,175	-1.6
Educational	1,496	1,558	1,527	1,676	1,811	1,541	3,054	3,046	0.3
Religious	219	231	245	252	274	221	449	445	0.9
Amusement and recreation	1,103	1,133	1,188	1,260	1,284	1,092	2,236	2,182	2.5
Transportation	1,168	1,364	1,465	1,588	1,554	1,072	2,532	2,234	13.3
Communication	1,713	1,728	2,315	2,166	2,069	1,885	3,441	3,714	-7.4
Power	7,338	7,418	7,818	8,024	8,040	7,293	14,755	14,630	0.9
Manufacturing	5,002	5,064	5,862	5,663	5,743	4,833	10,065	9,732	3.4
Total Public Construction²	20,336	19,569	20,936	24,880	28,659	18,449	39,905	36,641	8.9
Residential	403	391	435	496	552	481	794	942	-15.7
Nonresidential	19,933	19,178	20,501	24,384	28,108	17,968	39,111	35,699	9.6
Office	730	715	803	786	862	676	1,446	1,332	8.6
Commercial	306	315	334	339	332	255	621	499	24.4
Health care	646	692	679	765	792	689	1,338	1,421	-5.8
Educational	5,132	5,033	5,323	5,850	6,356	4,841	10,164	9,613	5.7
Public safety	666	678	762	786	844	632	1,344	1,299	3.5
Amusement and recreation	899	877	919	1,039	1,173	738	1,775	1,465	21.2
Transportation	2,468	2,482	2,599	3,037	3,241	2,396	4,949	4,718	4.9
Power	466	425	458	501	550	383	891	807	10.4
Highway and street	5,231	4,746	5,194	7,522	9,730	4,285	9,976	8,463	17.9
Sewage and waste disposal	1,592	1,517	1,640	1,872	2,053	1,476	3,109	2,982	4.3
Water supply	1,013	970	997	1,080	1,276	920	1,983	1,785	11.1
Conservation and development	654	597	659	656	735	545	1,251	1,070	16.9

^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.

Source: U.S. Census Bureau, Construction Spending, April 1, 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	0.8	0.5	0.9
Residential	3.7	2.7	3.5	2.8	2.9
Nonresidential	0.8	0.5	0.8	0.5	1.0
Lodging	1.8	1.7	2.4	1.1	2.3
Office	1.8	1.6	1.8	1.0	1.8
Commercial	2.0	1.4	2.7	1.5	3.3
Health care	1.7	1.6	1.6	1.1	1.8
Educational	1.9	1.1	1.8	1.0	1.9
Religious	5.9	6.6	7.2	4.2	7.2
Public safety	3.1	4.3	4.9	5.3	3.4
Amusement and recreation	2.7	2.2	2.4	1.4	2.4
Transportation	1.3	0.9	1.5	0.9	1.5
Communication	NA	NA	NA	NA	NA
Power	0.4	0.3	0.3	0.2	0.3
Highway and street	3.3	2.7	4.7	3.2	5.7
Sewage and waste disposal	3.7	2.6	5.0	2.6	5.5
Water supply	4.4	4.2	5.6	3.8	6.1
Conservation and development	2.2	1.7	3.2	1.8	3.3
Manufacturing	0.9	0.7	1.4	0.7	1.5
Total Private Construction	0.6	0.6	0.9	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 multifamily	5.8	5.9	4.4	1.8	4.3
Nonresidential	0.6	0.6	0.9	0.5	1.1
Lodging	1.7	1.7	2.3	1.1	2.2
Office	2.0	1.8	2.0	1.1	1.9
Commercial	2.0	1.5	2.7	1.5	3.3
Health care	2.1	2.0	2.0	1.2	2.2
Educational	2.3	1.9	2.3	1.4	2.4
Religious	5.9	6.6	7.2	4.2	7.2
Amusement and recreation	2.9	2.5	2.5	1.4	2.4
Transportation	1.1	1.7	2.2	1.0	2.4
Communication	NA	NA	NA	NA	NA
Power	0.3	0.3	0.3	0.1	0.3
Manufacturing	0.9	0.7	1.5	0.7	1.6
Total Public Construction	1.3	0.9	1.4	1.0	1.6
Residential	3.7	2.7	3.5	2.8	2.9
Nonresidential	1.3	0.9	1.4	1.0	1.6
Office	3.9	3.2	3.9	2.4	4.3
Commercial	5.9	4.8	8.1	4.4	7.6
Health care	2.5	2.4	2.6	1.7	2.6
Educational	2.2	1.4	2.2	1.2	2.4
Public safety	3.1	4.3	4.9	5.5	3.3
Amusement and recreation	4.7	3.6	4.9	2.5	5.0
Transportation	1.7	1.1	1.9	1.1	1.9
Power	6.9	4.3	4.3	3.6	5.0
Highway and street	3.3	2.7	4.8	3.2	5.7
Sewage and waste disposal	3.8	2.7	4.9	2.6	5.3
Water supply	4.5	4.3	5.7	3.9	6.2
Conservation and development	2.2	1.7	3.2	1.8	3.3

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, April 1, 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	1,293,982	1,246,000	3.9	0.5
Residential	546,173	531,657	2.7	2.8
Nonresidential	747,809	714,343	4.7	0.5
Lodging	31,902	28,672	11.3	1.4
Office	72,915	66,850	9.1	1.3
Commercial	89,514	87,733	2.0	1.7
Health care	42,009	41,916	0.2	1.2
Educational	94,256	91,213	3.3	1.3
Religious	3,021	3,366	-10.2	3.9
Public safety	9,243	8,290	11.5	2.2
Amusement and recreation	26,518	24,851	6.7	1.8
Transportation	51,782	45,173	14.6	1.1
Communication	24,634	24,831	-0.8	NA
Power	100,152	96,513	3.8	0.3
Highway and street	92,642	89,053	4.0	1.7
Sewage and waste disposal	22,058	20,386	8.2	2.3
Water supply	13,822	11,806	17.1	2.9
Conservation and development	8,211	7,244	13.3	2.6
Manufacturing	65,133	66,448	-2.0	0.7
Total Private Construction¹	992,528	962,780	3.1	0.5
Residential	539,800	524,947	2.8	1.1
New single family	284,295	270,163	5.2	4.0
New multifamily	60,117	59,945	0.3	5.9
Nonresidential	452,728	437,833	3.4	0.5
Lodging	30,761	27,985	9.9	1.3
Office	63,419	58,564	8.3	1.4
Commercial	85,899	84,637	1.5	1.8
Health care	32,859	32,645	0.7	1.5
Educational	20,832	20,263	2.8	1.8
Religious	3,021	3,366	-10.2	3.9
Public safety	135	96	40.6	10.6
Amusement and recreation	14,605	13,757	6.2	1.8
Transportation	17,007	14,779	15.1	1.0
Communication	24,455	24,701	-1.0	NA
Power	94,167	90,615	3.9	0.3
Sewage and waste disposal	383	226	69.5	15.5
Water supply	208	186	11.8	13.3
Manufacturing	64,715	65,796	-1.6	0.7
Total Public Construction²	301,455	283,220	6.4	0.7
Residential	6,373	6,710	-5.0	2.8
Nonresidential	295,082	276,510	6.7	0.8
Office	9,496	8,286	14.6	3.2
Commercial	3,615	3,096	16.8	4.7
Health care	9,151	9,270	-1.3	1.7
Educational	73,424	70,950	3.5	1.6
Public safety	9,108	8,193	11.2	2.2
Amusement and recreation	11,913	11,094	7.4	3.5
Transportation	34,775	30,393	14.4	1.4
Power	5,985	5,898	1.5	4.4
Highway and street	92,401	88,855	4.0	1.7
Sewage and waste disposal	21,675	20,160	7.5	2.4
Water supply	13,614	11,620	17.2	3.0
Conservation and development	8,190	7,225	13.4	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, April 1, 2019. Additional information on the survey methodology may be found at <www.census.gov/construction/c30/meth.html>