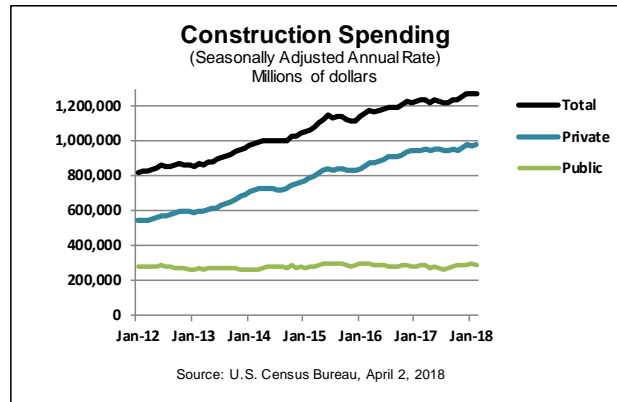


MONTHLY CONSTRUCTION SPENDING, FEBRUARY 2018

Release Number: CB18-49

April 2, 2018 — The U.S. Census Bureau announced the following value put in place construction statistics for February 2018:

CONSTRUCTION SPENDING	
FEBRUARY 2018	\$1,273.1 billion
JANUARY 2018 (revised)	\$1,272.2 billion
Next release: May 1, 2018	
Seasonally Adjusted Annual Rate Source: U.S. Census Bureau, April 2, 2018	



Total Construction

Construction spending during February 2018 was estimated at a seasonally adjusted annual rate of \$1,273.1 billion, 0.1 percent (± 1.2 percent)* above the revised January estimate of \$1,272.2 billion. The February figure is 3.0 percent (± 1.5 percent) above the February 2017 estimate of \$1,235.7 billion. During the first two months of this year, construction spending amounted to \$176.3 billion, 4.4 percent (± 1.3 percent) above the \$168.9 billion for the same period in 2017.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$982.0 billion, 0.7 percent (± 1.6 percent)* above the revised January estimate of \$974.8 billion. Residential construction was at a seasonally adjusted annual rate of \$533.4 billion in February, 0.1 percent (± 1.3 percent)* above the revised January estimate of \$532.9 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$448.6 billion in February, 1.5 percent (± 1.6 percent)* above the revised January estimate of \$441.9 billion.

Public Construction

In February, the estimated seasonally adjusted annual rate of public construction spending was \$291.1 billion, 2.1 percent (± 1.6 percent) below the revised January estimate of \$297.4 billion. Educational construction was at a seasonally adjusted annual rate of \$74.6 billion, 0.5 percent (± 2.6 percent)* below the revised January estimate of \$75.0 billion. Highway construction was at a seasonally adjusted annual rate of \$88.5 billion, 0.2 percent (± 5.4 percent)* below the revised January estimate of \$88.7 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

With the May 2018 release, unadjusted data will be revised back to January 2016 and seasonally adjusted data will be revised back to January 2011. With each May release, seasonally adjusted data will now be revised for an additional five years beyond the revision period for unadjusted data. Research has shown that this revision span should produce more reliable seasonally adjusted time series.

The March 2018 Monthly Construction Spending Report is scheduled for release on May 1, 2018. 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 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, 0.79 percent; private construction, 0.75 percent; and public construction, 1.73 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/>

###

* 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

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 2018 ^P	Jan 2018 ^r	Dec 2017 ^r	Nov 2017	Oct 2017	Feb 2017	Percent change Feb 2018 from -	
							Jan 2018	Feb 2017
Total Construction	1,273,085	1,272,178	1,272,648	1,252,144	1,237,649	1,235,700	0.1	3.0
Residential	540,299	539,828	539,507	531,483	524,524	512,453	0.1	5.4
Nonresidential	732,786	732,351	733,141	720,660	713,125	723,247	0.1	1.3
Lodging	31,671	30,702	30,016	29,182	28,630	27,502	3.2	15.2
Office	74,238	70,362	71,416	68,963	66,315	71,300	5.5	4.1
Commercial	90,860	90,367	91,130	88,836	87,999	83,908	0.5	8.3
Health care	40,323	42,400	42,128	41,510	41,435	38,655	-4.9	4.3
Educational	96,450	95,748	95,348	93,873	94,412	93,875	0.7	2.7
Religious	2,864	2,940	2,894	2,940	3,179	3,250	-2.6	-11.9
Public safety	9,110	9,663	9,201	8,524	8,713	8,089	-5.7	12.6
Amusement and recreation	23,884	23,931	24,411	23,738	22,583	24,129	-0.2	-1.0
Transportation	49,939	50,894	49,772	47,116	46,163	42,949	-1.9	16.3
Communication	23,628	24,392	23,746	23,516	23,266	22,954	-3.1	2.9
Power	94,929	94,552	100,560	101,257	97,152	103,562	0.4	-8.3
Highway and street	88,646	88,882	86,675	88,234	90,150	93,464	-0.3	-5.2
Sewage and waste disposal	20,452	21,337	20,555	20,697	20,316	20,149	-4.1	1.5
Water supply	11,523	11,348	11,548	11,515	11,378	11,035	1.5	4.4
Conservation and development	6,887	8,236	7,863	7,407	8,170	7,037	-16.4	-2.1
Manufacturing	67,385	66,596	65,880	63,353	63,264	71,390	1.2	-5.6
Total Private Construction¹	981,976	974,774	982,071	962,623	948,847	949,292	0.7	3.4
Residential	533,400	532,881	532,542	524,395	518,131	505,716	0.1	5.5
New single family	281,800	279,222	276,796	274,134	269,053	257,385	0.9	9.5
New multi-family	63,843	63,059	64,129	61,168	62,675	63,244	1.2	0.9
Nonresidential	448,577	441,893	449,529	438,228	430,715	443,576	1.5	1.1
Lodging	30,512	29,716	28,856	28,123	27,408	27,114	2.7	12.5
Office	64,360	60,425	61,709	59,346	56,946	63,037	6.5	2.1
Commercial	86,948	85,942	87,830	85,800	84,835	80,809	1.2	7.6
Health care	30,617	31,301	31,462	31,479	31,619	29,721	-2.2	3.0
Educational	21,891	20,789	21,672	20,858	20,631	21,513	5.3	1.8
Religious	2,864	2,940	2,894	2,940	3,179	3,250	-2.6	-11.9
Amusement and recreation	13,520	13,469	13,906	13,157	12,708	12,650	0.4	6.9
Transportation	18,000	18,244	17,798	16,929	16,279	13,709	-1.3	31.3
Communication	23,546	24,274	23,639	23,371	23,093	22,858	-3.0	3.0
Power	88,958	88,193	93,896	92,746	90,672	97,203	0.9	-8.5
Manufacturing	66,840	66,079	65,272	62,852	62,638	70,804	1.2	-5.6
Total Public Construction²	291,109	297,405	290,577	289,521	288,803	286,408	-2.1	1.6
Residential	6,900	6,947	6,965	7,088	6,393	6,737	-0.7	2.4
Nonresidential	284,209	290,458	283,612	282,432	282,410	279,671	-2.2	1.6
Office	9,878	9,937	9,707	9,617	9,369	8,263	-0.6	19.5
Commercial	3,911	4,425	3,300	3,037	3,164	3,099	-11.6	26.2
Health care	9,706	11,099	10,666	10,031	9,817	8,934	-12.6	8.6
Educational	74,559	74,959	73,676	73,015	73,781	72,362	-0.5	3.0
Public safety	9,038	9,620	9,102	8,429	8,559	7,974	-6.0	13.3
Amusement and recreation	10,364	10,462	10,505	10,580	9,875	11,478	-0.9	-9.7
Transportation	31,939	32,651	31,974	30,187	29,884	29,240	-2.2	9.2
Power	5,971	6,359	6,664	8,511	6,479	6,359	-6.1	-6.1
Highway and street	88,462	88,657	86,489	88,028	89,900	93,169	-0.2	-5.1
Sewage and waste disposal	20,357	21,193	20,400	20,557	20,177	19,920	-3.9	2.2
Water supply	11,381	11,238	11,398	11,335	11,220	10,789	1.3	5.5
Conservation and development	6,857	8,236	7,858	7,400	8,163	7,013	-16.7	-2.2

^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, April 2, 2018. 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 2018 ^p	Jan 2018 ^f	Dec 2017 ^f	Nov 2017	Oct 2017	Feb 2017	Year-to-date		
							Feb 2018	Feb 2017	Percent change
Total Construction	88,280	88,023	97,357	105,773	111,287	85,095	176,302	168,917	4.4
Residential	36,541	36,264	39,821	44,531	47,251	34,436	72,805	68,170	6.8
Nonresidential	51,738	51,759	57,536	61,243	64,036	50,660	103,497	100,746	2.7
Lodging	2,432	2,329	2,477	2,467	2,446	2,119	4,761	4,250	12.0
Office	5,634	5,326	5,737	5,882	5,721	5,368	10,960	10,829	1.2
Commercial	6,620	6,518	7,236	7,591	7,983	6,124	13,138	12,146	8.2
Health care	3,108	3,217	3,451	3,511	3,584	2,992	6,325	5,879	7.6
Educational	6,649	6,542	6,798	7,250	7,830	6,408	13,191	12,714	3.8
Religious	202	210	228	244	292	232	412	460	-10.4
Public safety	661	745	761	733	754	585	1,406	1,153	21.9
Amusement and recreation	1,753	1,765	1,931	2,015	2,040	1,750	3,517	3,433	2.4
Transportation	3,428	3,520	3,918	4,074	4,174	2,931	6,947	5,778	20.2
Communication	1,704	1,748	2,213	2,196	2,100	1,659	3,452	3,362	2.7
Power	7,512	7,569	8,542	8,800	8,376	8,053	15,082	16,195	-6.9
Highway and street	4,285	4,266	5,257	7,671	9,553	4,432	8,552	8,567	-0.2
Sewage and waste disposal	1,404	1,486	1,579	1,772	1,954	1,372	2,889	2,690	7.4
Water supply	830	837	909	988	1,032	792	1,668	1,578	5.7
Conservation and development	543	611	699	639	697	557	1,154	1,056	9.3
Manufacturing	4,973	5,071	5,798	5,411	5,499	5,287	10,044	10,658	-5.8
Total Private Construction¹	69,696	69,097	76,593	81,618	84,403	67,175	138,792	133,874	3.7
Residential	36,041	35,774	39,262	43,926	46,676	33,955	71,815	67,264	6.8
New single family	18,713	19,351	20,609	24,019	24,421	17,083	38,064	34,767	9.5
New multi-family	4,901	4,833	4,938	5,130	5,449	4,903	9,734	9,716	0.2
Nonresidential	33,654	33,323	37,331	37,692	37,727	33,219	66,977	66,611	0.5
Lodging	2,335	2,247	2,380	2,379	2,344	2,087	4,583	4,190	9.4
Office	4,902	4,567	4,949	5,070	4,920	4,760	9,468	9,610	-1.5
Commercial	6,331	6,209	6,968	7,332	7,723	5,896	12,540	11,707	7.1
Health care	2,335	2,368	2,562	2,694	2,776	2,282	4,703	4,531	3.8
Educational	1,626	1,520	1,634	1,636	1,692	1,589	3,146	3,161	-0.5
Religious	202	210	228	244	292	232	412	460	-10.4
Amusement and recreation	1,038	1,047	1,134	1,111	1,115	975	2,086	1,925	8.4
Transportation	1,167	1,255	1,457	1,496	1,445	868	2,422	1,783	35.8
Communication	1,698	1,738	2,204	2,183	2,085	1,651	3,435	3,344	2.7
Power	7,058	7,098	8,018	8,119	7,826	7,577	14,156	15,211	-6.9
Manufacturing	4,928	5,028	5,747	5,369	5,447	5,238	9,955	10,555	-5.7
Total Public Construction²	18,584	18,926	20,764	24,155	26,884	17,921	37,510	35,042	7.0
Residential	500	490	559	604	575	480	990	907	9.2
Nonresidential	18,084	18,436	20,205	23,551	26,309	17,440	36,520	34,136	7.0
Office	733	759	788	812	801	608	1,491	1,219	22.3
Commercial	289	309	268	259	261	227	598	439	36.2
Health care	773	849	890	816	808	710	1,622	1,348	20.3
Educational	5,023	5,022	5,164	5,614	6,138	4,819	10,046	9,553	5.2
Public safety	656	742	752	725	741	576	1,397	1,135	23.1
Amusement and recreation	714	717	798	904	925	774	1,432	1,509	-5.1
Transportation	2,261	2,265	2,461	2,579	2,729	2,063	4,526	3,995	13.3
Power	455	471	524	681	550	476	926	984	-5.9
Highway and street	4,274	4,251	5,242	7,650	9,531	4,413	8,526	8,531	-0.1
Sewage and waste disposal	1,397	1,476	1,567	1,760	1,942	1,354	2,872	2,657	8.1
Water supply	821	829	896	971	1,019	775	1,650	1,537	7.4
Conservation and development	540	611	699	638	697	555	1,152	1,050	9.7

^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.

Source: U.S. Census Bureau, Construction Spending, April 2, 2018.

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	0.6	0.8	0.7	0.9
Residential	5.2	3.2	6.0	2.3	6.1
Nonresidential	0.9	0.6	0.8	0.7	0.9
Lodging	2.2	2.2	2.3	0.9	2.3
Office	2.1	2.4	2.5	4.3	4.0
Commercial	2.5	1.6	2.4	1.1	2.3
Health care	1.9	1.8	2.1	1.1	2.2
Educational	1.9	1.6	2.1	1.3	2.2
Religious	6.2	4.4	5.7	3.9	6.4
Public safety	3.7	2.9	3.8	2.2	3.6
Amusement and recreation	3.1	2.2	3.3	1.6	3.5
Transportation	1.6	1.4	2.3	1.6	2.3
Communication	NA	NA	NA	NA	NA
Power	0.3	0.2	0.3	0.2	0.5
Highway and street	3.7	2.6	3.8	3.3	3.7
Sewage and waste disposal	4.1	4.3	5.2	2.6	5.2
Water supply	4.6	4.1	5.1	3.8	5.8
Conservation and development	3.0	3.0	4.8	2.2	4.4
Manufacturing	0.8	1.3	1.2	0.7	1.4
Total Private Construction	0.8	0.7	0.8	1.0	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	5.3	5.9	5.1	1.7	5.6
Nonresidential	0.8	0.7	0.8	1.0	1.1
Lodging	2.1	1.8	2.0	0.9	1.8
Office	2.4	2.8	2.7	5.1	4.5
Commercial	2.6	1.6	2.4	1.1	2.4
Health care	2.4	2.3	2.6	1.3	2.8
Educational	2.8	2.3	2.9	1.5	3.1
Religious	6.2	4.4	5.7	3.9	6.4
Amusement and recreation	2.6	2.4	3.7	2.0	3.7
Transportation	2.1	1.2	8.2	0.9	10.1
Communication	NA	NA	NA	NA	NA
Power	0.3	0.2	0.3	0.1	0.5
Manufacturing	0.8	1.3	1.2	0.8	1.4
Total Public Construction	1.5	1.0	1.4	1.0	1.5
Residential	5.1	3.2	6.0	2.3	6.1
Nonresidential	1.5	1.0	1.5	1.0	1.5
Office	3.3	2.4	4.4	2.1	5.0
Commercial	6.6	7.8	11.3	5.1	11.0
Health care	2.8	2.2	3.0	1.8	3.0
Educational	2.3	1.9	2.6	1.6	2.8
Public safety	3.7	3.0	3.7	2.1	3.5
Amusement and recreation	5.9	4.0	5.6	2.4	5.9
Transportation	2.0	1.9	2.4	1.9	2.3
Power	4.6	3.4	5.1	3.5	6.3
Highway and street	3.7	2.6	3.9	3.3	3.7
Sewage and waste disposal	4.1	4.4	5.3	2.6	5.2
Water supply	4.6	4.2	5.3	3.8	5.9
Conservation and development	3.0	3.0	4.8	2.1	4.4

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, April 2, 2018. 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	2017 ^r	2016	Percent change	Coefficient of Variation
Total Construction	1,234,086	1,185,683	4.1	0.5
Residential	523,976	473,161	10.7	4.7
Nonresidential	710,110	712,521	-0.3	0.5
Lodging	28,504	26,923	5.9	1.7
Office	68,786	67,262	2.3	1.3
Commercial	87,319	76,578	14.0	1.8
Health care	40,080	38,703	3.6	1.4
Educational	91,369	89,391	2.2	1.3
Religious	3,182	3,501	-9.1	4.2
Public safety	8,210	7,982	2.9	2.3
Amusement and recreation	23,564	22,455	4.9	2.5
Transportation	43,769	42,205	3.7	1.1
Communication	23,022	22,038	4.5	NA
Power	99,815	105,755	-5.6	0.3
Highway and street	87,787	91,390	-3.9	1.8
Sewage and waste disposal	19,712	22,771	-13.4	2.6
Water supply	11,383	12,522	-9.1	2.8
Conservation and development	7,236	7,719	-6.3	1.7
Manufacturing	66,374	75,328	-11.9	0.7
Total Private Construction¹	954,251	898,686	6.2	0.6
Residential	517,572	466,592	10.9	1.1
New single family	264,522	242,476	9.1	4.0
New multi-family	62,703	60,517	3.6	4.6
Nonresidential	436,679	432,093	1.1	0.6
Lodging	27,659	26,483	4.4	1.6
Office	60,206	59,263	1.6	1.5
Commercial	84,114	73,457	14.5	1.9
Health care	30,660	30,183	1.6	1.7
Educational	20,461	19,895	2.8	2.1
Religious	3,182	3,501	-9.1	4.2
Public safety	79	104	-24.0	31.8
Amusement and recreation	13,011	12,078	7.7	2.3
Transportation	14,621	12,951	12.9	2.3
Communication	22,900	21,880	4.7	NA
Power	93,420	96,748	-3.4	0.3
Sewage and waste disposal	184	354	-48.0	30.9
Water supply	225	192	17.2	28.0
Manufacturing	65,697	74,669	-12.0	0.7
Total Public Construction²	279,835	286,997	-2.5	0.8
Residential	6,404	6,569	-2.5	4.7
Nonresidential	273,431	280,428	-2.5	0.8
Office	8,580	7,999	7.3	2.1
Commercial	3,205	3,121	2.7	4.6
Health care	9,420	8,521	10.6	2.0
Educational	70,908	69,497	2.0	1.5
Public safety	8,131	7,878	3.2	2.3
Amusement and recreation	10,554	10,376	1.7	4.7
Transportation	29,149	29,254	-0.4	1.3
Power	6,396	9,007	-29.0	4.1
Highway and street	87,548	91,125	-3.9	1.8
Sewage and waste disposal	19,528	22,417	-12.9	2.6
Water supply	11,158	12,331	-9.5	2.7
Conservation and development	7,213	7,648	-5.7	1.7

NA Not applicable ^rRevised

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 2, 2018.

www.census.gov/construction/c30/meth.html.