

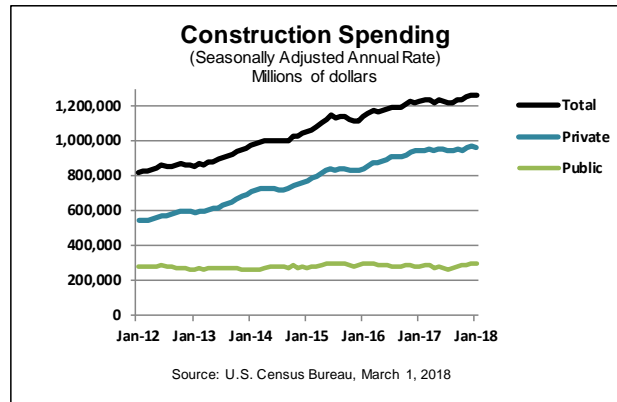
FOR RELEASE AT 10:00 AM EST, THURSDAY, MARCH 1, 2018

MONTHLY CONSTRUCTION SPENDING, JANUARY 2018

Release Number: CB18-29

March 1, 2018 — The U.S. Census Bureau announced the following value put in place construction statistics for January 2018:

CONSTRUCTION SPENDING	
JANUARY 2018	\$1,262.8 billion
DECEMBER 2017 (revised)	\$1,262.7 billion
Next release: April 2, 2018	
Seasonally Adjusted Annual Rate Source: U.S. Census Bureau, March 1, 2018	



Total Construction

Construction spending during January 2018 was estimated at a seasonally adjusted annual rate of \$1,262.8 billion, nearly the same as (± 1.0 percent)* the revised December estimate of \$1,262.7 billion. The January figure is 3.2 percent (± 1.3 percent) above the January 2017 estimate of \$1,223.5 billion.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$962.7 billion, 0.5 percent (± 0.7 percent)* below the revised December estimate of \$967.9 billion. Residential construction was at a seasonally adjusted annual rate of \$523.2 billion in January, 0.3 percent (± 1.3 percent)* above the revised December estimate of \$521.8 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$439.6 billion in January, 1.5 percent (± 0.7 percent) below the revised December estimate of \$446.2 billion.

Public Construction

In January, the estimated seasonally adjusted annual rate of public construction spending was \$300.1 billion, 1.8 percent (± 1.8 percent)* above the revised December estimate of \$294.8 billion. Educational construction was at a seasonally adjusted annual rate of \$76.7 billion, 2.1 percent (± 3.8 percent)* above the revised December estimate of \$75.2 billion. Highway construction was at a seasonally adjusted annual rate of \$92.6 billion, 4.4 percent (± 4.6 percent)* above the revised December estimate of \$88.8 billion.

Data Inquiries

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U.S. Department of Commerce
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The February 2018 Monthly Construction Spending Report is scheduled for release on April 2, 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/>.

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 2018 ^P	Dec 2017 ^r	Nov 2017 ^r	Oct 2017	Sep 2017	Jan 2017	Percent change Jan 2018 from -	
							Dec 2017	Jan 2017
Total Construction	1,262,784	1,262,701	1,252,144	1,237,649	1,236,278	1,223,501	0.0	3.2
Residential	529,878	528,775	531,483	524,524	530,243	508,056	0.2	4.3
Nonresidential	732,906	733,926	720,660	713,125	706,035	715,445	-0.1	2.4
Lodging	30,933	30,571	29,182	28,630	29,059	27,982	1.2	10.5
Office	70,468	71,412	68,963	66,315	65,150	72,450	-1.3	-2.7
Commercial	88,680	90,333	88,836	87,999	88,558	83,382	-1.8	6.4
Health care	42,696	42,063	41,510	41,435	40,662	38,215	1.5	11.7
Educational	97,767	96,858	93,873	94,412	92,577	93,225	0.9	4.9
Religious	2,916	2,938	2,940	3,179	3,208	3,173	-0.7	-8.1
Public safety	10,051	9,386	8,524	8,713	8,388	7,530	7.1	33.5
Amusement and recreation	23,955	23,864	23,738	22,583	24,151	22,882	0.4	4.7
Transportation	49,169	48,712	47,116	46,163	45,018	40,910	0.9	20.2
Communication	25,136	23,869	23,516	23,266	22,756	24,280	5.3	3.5
Power	93,607	100,335	101,257	97,152	99,011	102,734	-6.7	-8.9
Highway and street	92,875	88,957	88,234	90,150	86,516	89,517	4.4	3.8
Sewage and waste disposal	20,653	20,777	20,697	20,316	19,882	19,202	-0.6	7.6
Water supply	11,408	11,927	11,515	11,378	11,556	10,847	-4.4	5.2
Conservation and development	7,356	7,605	7,407	8,170	7,599	7,009	-3.3	5.0
Manufacturing	65,236	64,320	63,353	63,264	61,944	72,109	1.4	-9.5
Total Private Construction¹	962,733	967,922	962,623	948,847	954,246	946,308	-0.5	1.7
Residential	523,165	521,759	524,395	518,131	523,551	501,971	0.3	4.2
New single family	277,710	275,920	274,134	269,053	267,537	255,216	0.6	8.8
New multi-family	61,139	61,956	61,168	62,675	61,584	62,636	-1.3	-2.4
Nonresidential	439,568	446,163	438,228	430,715	430,696	444,337	-1.5	-1.1
Lodging	29,512	28,971	28,123	27,408	27,716	27,644	1.9	6.8
Office	61,095	61,729	59,346	56,946	56,527	64,235	-1.0	-4.9
Commercial	84,661	87,029	85,800	84,835	85,462	80,292	-2.7	5.4
Health care	31,112	31,429	31,479	31,619	31,705	29,802	-1.0	4.4
Educational	21,028	21,706	20,858	20,631	21,027	21,544	-3.1	-2.4
Religious	2,916	2,938	2,940	3,179	3,208	3,173	-0.7	-8.1
Amusement and recreation	13,844	13,521	13,157	12,708	13,590	12,150	2.4	13.9
Transportation	18,028	17,723	16,929	16,279	15,245	13,197	1.7	36.6
Communication	25,018	23,744	23,371	23,093	22,645	24,164	5.4	3.5
Power	87,335	93,077	92,746	90,672	91,815	95,675	-6.2	-8.7
Manufacturing	64,501	63,713	62,852	62,638	61,176	71,464	1.2	-9.7
Total Public Construction²	300,051	294,779	289,521	288,803	282,032	277,194	1.8	8.2
Residential	6,713	7,016	7,088	6,393	6,692	6,085	-4.3	10.3
Nonresidential	293,337	287,763	282,432	282,410	275,340	271,109	1.9	8.2
Office	9,372	9,684	9,617	9,369	8,623	8,215	-3.2	14.1
Commercial	4,019	3,305	3,037	3,164	3,096	3,090	21.6	30.1
Health care	11,585	10,633	10,031	9,817	8,958	8,414	9.0	37.7
Educational	76,739	75,152	73,015	73,781	71,550	71,681	2.1	7.1
Public safety	10,007	9,288	8,429	8,559	8,355	7,420	7.7	34.9
Amusement and recreation	10,111	10,343	10,580	9,875	10,562	10,732	-2.2	-5.8
Transportation	31,141	30,989	30,187	29,884	29,773	27,714	0.5	12.4
Power	6,272	7,258	8,511	6,479	7,196	7,059	-13.6	-11.1
Highway and street	92,649	88,758	88,028	89,900	86,308	89,253	4.4	3.8
Sewage and waste disposal	20,524	20,638	20,557	20,177	19,729	18,964	-0.6	8.2
Water supply	11,286	11,785	11,335	11,220	11,388	10,510	-4.2	7.4
Conservation and development	7,356	7,600	7,400	8,163	7,581	6,959	-3.2	5.7

^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, 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	Jan 2018 ^p	Dec 2017 ^f	Nov 2017 ^f	Oct 2017	Sep 2017	Jan 2017	Year-to-date		
							Jan 2018	Jan 2017	Percent change
Total Construction	86,912	96,200	105,773	111,287	112,977	83,821	86,912	83,821	3.7
Residential	35,196	38,597	44,531	47,251	48,257	33,735	35,196	33,735	4.3
Nonresidential	51,715	57,603	61,243	64,036	64,721	50,087	51,715	50,087	3.3
Lodging	2,373	2,544	2,467	2,446	2,507	2,131	2,373	2,131	11.4
Office	5,353	5,752	5,882	5,721	5,805	5,462	5,353	5,462	-2.0
Commercial	6,419	7,188	7,591	7,983	7,942	6,022	6,419	6,022	6.6
Health care	3,225	3,434	3,511	3,584	3,632	2,887	3,225	2,887	11.7
Educational	6,691	6,926	7,250	7,830	8,247	6,305	6,691	6,305	6.1
Religious	207	232	244	292	297	228	207	228	-9.2
Public safety	761	770	733	754	806	568	761	568	34.0
Amusement and recreation	1,771	1,887	2,015	2,040	2,121	1,684	1,771	1,684	5.2
Transportation	3,392	3,851	4,074	4,174	4,070	2,848	3,392	2,848	19.1
Communication	1,812	2,215	2,196	2,100	1,961	1,703	1,812	1,703	6.4
Power	7,477	8,510	8,800	8,376	8,326	8,142	7,477	8,142	-8.2
Highway and street	4,452	5,387	7,671	9,553	9,831	4,135	4,452	4,135	7.7
Sewage and waste disposal	1,432	1,599	1,772	1,954	1,853	1,319	1,432	1,319	8.6
Water supply	837	943	988	1,032	1,047	786	837	786	6.5
Conservation and development	536	669	639	697	748	499	536	499	7.4
Manufacturing	4,978	5,697	5,411	5,499	5,529	5,370	4,978	5,370	-7.3
Total Private Construction¹	67,960	75,129	81,618	84,403	85,157	66,699	67,960	66,699	1.9
Residential	34,724	38,028	43,926	46,676	47,629	33,308	34,724	33,308	4.3
New single family	19,284	20,566	24,019	24,421	24,827	17,684	19,284	17,684	9.0
New multi-family	4,726	4,818	5,130	5,449	5,264	4,814	4,726	4,814	-1.8
Nonresidential	33,236	37,101	37,692	37,727	37,528	33,391	33,236	33,391	-0.5
Lodging	2,254	2,410	2,379	2,344	2,395	2,103	2,254	2,103	7.2
Office	4,641	4,963	5,070	4,920	4,983	4,850	4,641	4,850	-4.3
Commercial	6,143	6,919	7,332	7,723	7,636	5,811	6,143	5,811	5.7
Health care	2,342	2,553	2,694	2,776	2,815	2,249	2,342	2,249	4.1
Educational	1,546	1,640	1,636	1,692	1,745	1,572	1,546	1,572	-1.7
Religious	207	232	244	292	297	228	207	228	-9.2
Amusement and recreation	1,085	1,103	1,111	1,115	1,161	949	1,085	949	14.3
Transportation	1,245	1,453	1,496	1,445	1,337	915	1,245	915	36.1
Communication	1,803	2,204	2,183	2,085	1,951	1,693	1,803	1,693	6.5
Power	7,019	7,931	8,119	7,826	7,686	7,634	7,019	7,634	-8.1
Manufacturing	4,917	5,646	5,369	5,447	5,465	5,317	4,917	5,317	-7.5
Total Public Construction²	18,952	21,070	24,155	26,884	27,820	17,122	18,952	17,122	10.7
Residential	472	569	604	575	627	426	472	426	10.8
Nonresidential	18,479	20,501	23,551	26,309	27,193	16,696	18,479	16,696	10.7
Office	712	790	812	801	822	611	712	611	16.5
Commercial	276	269	259	261	306	212	276	212	30.2
Health care	883	881	816	808	817	638	883	638	38.4
Educational	5,146	5,286	5,614	6,138	6,502	4,733	5,146	4,733	8.7
Public safety	757	762	725	741	803	559	757	559	35.4
Amusement and recreation	686	784	904	925	961	734	686	734	-6.5
Transportation	2,147	2,397	2,579	2,729	2,733	1,933	2,147	1,933	11.1
Power	458	579	681	550	640	507	458	507	-9.7
Highway and street	4,438	5,371	7,650	9,531	9,809	4,118	4,438	4,118	7.8
Sewage and waste disposal	1,424	1,589	1,760	1,942	1,839	1,303	1,424	1,303	9.3
Water supply	828	931	971	1,019	1,030	762	828	762	8.7
Conservation and development	536	669	638	697	747	494	536	494	8.5

^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.

Source: U.S. Census Bureau, Construction Spending, March 1, 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	0.6	0.8
Residential	5.6	4.2	6.1	1.5	6.1
Nonresidential	0.9	0.6	0.9	0.6	0.9
Lodging	2.2	2.2	2.5	1.0	2.5
Office	1.9	1.4	1.9	1.0	1.9
Commercial	2.6	1.8	2.5	1.0	2.5
Health care	1.9	1.7	2.1	1.3	2.1
Educational	1.9	1.8	2.7	1.8	2.7
Religious	6.4	5.0	5.5	5.0	5.5
Public safety	3.7	10.1	12.0	9.4	12.0
Amusement and recreation	3.2	2.6	3.7	2.1	3.7
Transportation	1.6	1.3	2.6	0.9	2.6
Communication	NA	NA	NA	NA	NA
Power	0.3	0.3	0.2	0.1	0.2
Highway and street	3.8	2.8	4.7	2.8	4.7
Sewage and waste disposal	4.0	4.6	5.7	3.3	5.7
Water supply	4.5	5.5	6.5	3.4	6.5
Conservation and development	3.3	3.2	3.9	1.4	3.9
Manufacturing	0.8	1.0	0.9	0.5	0.9
Total Private Construction	0.8	0.6	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 multi-family	5.2	5.4	4.4	1.9	4.4
Nonresidential	0.8	0.6	0.8	0.4	0.8
Lodging	2.1	1.7	2.1	1.0	2.1
Office	2.2	1.5	2.0	1.0	2.0
Commercial	2.7	1.9	2.6	1.0	2.6
Health care	2.3	2.1	2.5	1.5	2.5
Educational	2.8	2.3	2.8	1.1	2.8
Religious	6.4	5.0	5.5	5.0	5.5
Amusement and recreation	2.8	2.9	4.1	1.9	4.1
Transportation	2.3	1.1	9.5	1.2	9.5
Communication	NA	NA	NA	NA	NA
Power	0.3	0.3	0.2	0.1	0.2
Manufacturing	0.8	1.0	0.9	0.5	0.9
Total Public Construction	1.5	1.2	1.8	1.1	1.8
Residential	5.5	4.2	6.1	1.5	6.1
Nonresidential	1.5	1.3	1.8	1.2	1.8
Office	3.4	2.8	4.2	3.1	4.2
Commercial	6.4	10.4	10.4	6.7	10.4
Health care	2.8	2.8	3.7	1.9	3.7
Educational	2.2	2.2	3.4	2.3	3.4
Public safety	3.7	10.2	12.1	9.5	12.1
Amusement and recreation	6.2	4.7	6.5	3.9	6.5
Transportation	1.9	1.9	2.6	1.1	2.6
Power	4.6	3.7	4.2	1.7	4.2
Highway and street	3.8	2.8	4.8	2.8	4.8
Sewage and waste disposal	4.0	4.6	5.7	3.3	5.7
Water supply	4.6	5.5	6.6	3.5	6.6
Conservation and development	3.3	3.2	3.9	1.4	3.9

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, March 1, 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	1,232,928	1,185,683	4.0	0.5
Residential	522,751	473,161	10.5	4.7
Nonresidential	710,177	712,521	-0.3	0.5
Lodging	28,571	26,923	6.1	1.7
Office	68,801	67,262	2.3	1.3
Commercial	87,271	76,578	14.0	1.8
Health care	40,062	38,703	3.5	1.4
Educational	91,496	89,391	2.4	1.3
Religious	3,185	3,501	-9.0	4.2
Public safety	8,219	7,982	3.0	2.3
Amusement and recreation	23,519	22,455	4.7	2.5
Transportation	43,702	42,205	3.5	1.1
Communication	23,023	22,038	4.5	NA
Power	99,783	105,755	-5.6	0.3
Highway and street	87,917	91,390	-3.8	1.8
Sewage and waste disposal	19,732	22,771	-13.3	2.6
Water supply	11,417	12,522	-8.8	2.8
Conservation and development	7,207	7,719	-6.6	1.7
Manufacturing	66,272	75,328	-12.0	0.7
Total Private Construction¹	952,788	898,686	6.0	0.6
Residential	516,338	466,592	10.7	1.1
New single family	264,479	242,476	9.1	4.0
New multi-family	62,583	60,517	3.4	4.6
Nonresidential	436,449	432,093	1.0	0.6
Lodging	27,688	26,483	4.6	1.6
Office	60,219	59,263	1.6	1.5
Commercial	84,065	73,457	14.4	1.9
Health care	30,652	30,183	1.6	1.7
Educational	20,466	19,895	2.9	2.1
Religious	3,185	3,501	-9.0	4.2
Public safety	79	104	-24.0	31.8
Amusement and recreation	12,980	12,078	7.5	2.3
Transportation	14,617	12,951	12.9	2.3
Communication	22,900	21,880	4.7	NA
Power	93,333	96,748	-3.5	0.3
Sewage and waste disposal	183	354	-48.3	30.9
Water supply	224	192	16.7	28.0
Manufacturing	65,596	74,669	-12.2	0.7
Total Public Construction²	280,141	286,997	-2.4	0.8
Residential	6,413	6,569	-2.4	4.7
Nonresidential	273,728	280,428	-2.4	0.8
Office	8,581	7,999	7.3	2.1
Commercial	3,206	3,121	2.7	4.6
Health care	9,411	8,521	10.4	2.0
Educational	71,030	69,497	2.2	1.5
Public safety	8,140	7,878	3.3	2.3
Amusement and recreation	10,540	10,376	1.6	4.7
Transportation	29,084	29,254	-0.6	1.3
Power	6,450	9,007	-28.4	4.1
Highway and street	87,677	91,125	-3.8	1.8
Sewage and waste disposal	19,550	22,417	-12.8	2.6
Water supply	11,193	12,331	-9.2	2.7
Conservation and development	7,183	7,648	-6.1	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, March 1, 2018.

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