

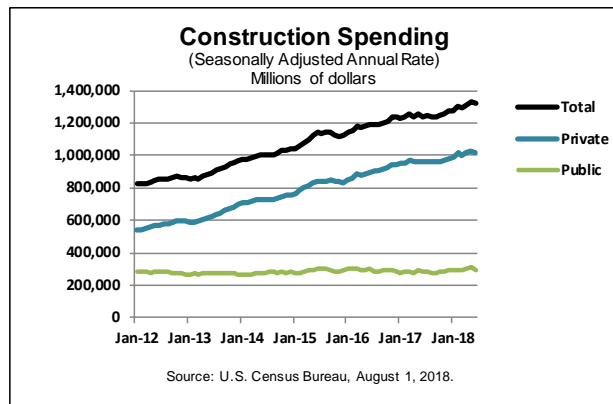
FOR RELEASE AT 10:00 AM EDT, WEDNESDAY, AUGUST 1, 2018

MONTHLY CONSTRUCTION SPENDING, JUNE 2018

Release Number: CB18-116

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

CONSTRUCTION SPENDING	
JUNE 2018	\$1,317.2 billion
MAY 2018 (revised)	\$1,332.2 billion
Next release: September 4, 2018	
Seasonally Adjusted Annual Rate Source: U.S. Census Bureau, August 1, 2018	



Total Construction

Construction spending during June 2018 was estimated at a seasonally adjusted annual rate of \$1,317.2 billion, 1.1 percent (± 1.0 percent) below the revised May estimate of \$1,332.2 billion. The June figure is 6.1 percent (± 1.6 percent) above the June 2017 estimate of \$1,241.3 billion. During the first six months of this year, construction spending amounted to \$619.9 billion, 5.1 percent (± 1.2 percent) above the \$589.6 billion for the same period in 2017.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$1,019.8 billion, 0.4 percent (± 0.8 percent)* below the revised May estimate of \$1,023.9 billion. Residential construction was at a seasonally adjusted annual rate of \$568.3 billion in June, 0.5 percent (± 1.3 percent)* below the revised May estimate of \$570.9 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$451.5 billion in June, 0.3 percent (± 0.8 percent)* below the revised May estimate of \$453.0 billion.

Public Construction

In June, the estimated seasonally adjusted annual rate of public construction spending was \$297.4 billion, 3.5 percent (± 2.0 percent) below the revised May estimate of \$308.3 billion. Educational construction was at a seasonally adjusted annual rate of \$67.9 billion, 11.0 percent (± 2.1 percent) below the revised May estimate of \$76.3 billion. Highway construction was at a seasonally adjusted annual rate of \$93.9 billion, 1.3 percent (± 5.6 percent)* below the revised May estimate of \$95.1 billion.

Data Inquiries

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

Geographic data for Private Nonresidential and State and Local Construction through 2017 can be found at http://www.census.gov/construction/c30/historical_data.html.

The July 2018 Monthly Construction Spending Report is scheduled for release on September 4, 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 (\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, 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/

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	Jun 2018 ^p	May 2018 ^r	Apr 2018 ^r	Mar 2018	Feb 2018	Jun 2017	Percent change Jun 2018 from -	
							May 2018	Jun 2017
Total Construction	1,317,231	1,332,177	1,314,692	1,293,125	1,305,527	1,241,302	-1.1	6.1
Residential	574,819	577,692	569,988	553,217	566,926	528,807	-0.5	8.7
Nonresidential	742,412	754,485	744,704	739,907	738,601	712,494	-1.6	4.2
Lodging	31,706	31,820	32,065	31,274	31,083	28,649	-0.4	10.7
Office	72,758	72,674	71,453	71,272	71,874	65,656	0.1	10.8
Commercial	90,991	92,761	91,691	92,667	93,057	89,979	-1.9	1.1
Health care	42,086	42,473	41,759	41,823	42,652	41,474	-0.9	1.5
Educational	87,855	96,873	93,393	92,908	93,119	92,967	-9.3	-5.5
Religious	3,096	3,153	3,326	3,093	3,181	3,589	-1.8	-13.7
Public safety	9,377	9,291	9,108	8,900	8,830	7,800	0.9	20.2
Amusement and recreation	26,075	25,246	25,239	25,099	25,070	25,444	3.3	2.5
Transportation	51,223	51,133	50,413	49,446	50,020	44,730	0.2	14.5
Communication	24,556	24,762	25,242	27,553	26,079	24,743	-0.8	-0.8
Power	103,487	104,419	102,383	97,187	96,182	95,341	-0.9	8.5
Highway and street	94,091	95,325	94,495	92,551	90,698	88,614	-1.3	6.2
Sewage and waste disposal	22,563	22,367	21,763	22,173	21,720	20,192	0.9	11.7
Water supply	14,199	14,282	13,108	12,691	12,953	12,059	-0.6	17.7
Conservation and development	7,711	7,915	7,528	7,531	7,177	6,987	-2.6	10.4
Manufacturing	60,638	59,994	61,740	63,743	64,908	64,270	1.1	-5.7
Total Private Construction¹	1,019,788	1,023,926	1,015,286	997,921	1,013,300	957,710	-0.4	6.5
Residential	568,295	570,919	563,367	546,575	560,173	522,118	-0.5	8.8
New single family	287,416	288,573	286,564	286,742	287,710	269,085	-0.4	6.8
New multi-family	59,884	61,612	60,071	58,018	60,745	58,837	-2.8	1.8
Nonresidential	451,494	453,007	451,920	451,346	453,127	435,592	-0.3	3.7
Lodging	30,709	30,654	30,985	30,318	30,057	27,950	0.2	9.9
Office	63,142	62,979	62,065	62,258	62,800	57,688	0.3	9.5
Commercial	87,528	89,540	88,263	89,266	89,603	86,845	-2.2	0.8
Health care	32,880	32,899	32,897	33,007	33,908	32,191	-0.1	2.1
Educational	19,933	20,596	20,449	20,490	20,769	20,249	-3.2	-1.6
Religious	3,096	3,153	3,326	3,093	3,181	3,589	-1.8	-13.7
Amusement and recreation	14,462	14,068	14,156	14,123	14,295	13,736	2.8	5.3
Transportation	17,149	16,782	16,480	16,216	16,395	14,288	2.2	20.0
Communication	24,466	24,690	25,069	27,349	25,988	24,577	-0.9	-0.5
Power	97,157	97,427	96,239	91,184	91,017	90,249	-0.3	7.7
Manufacturing	60,191	59,499	61,286	63,262	64,451	63,400	1.2	-5.1
Total Public Construction²	297,443	308,251	299,405	295,203	292,227	283,592	-3.5	4.9
Residential	6,525	6,773	6,621	6,642	6,753	6,689	-3.7	-2.5
Nonresidential	290,918	301,479	292,784	288,561	285,475	276,903	-3.5	5.1
Office	9,616	9,695	9,388	9,014	9,073	7,968	-0.8	20.7
Commercial	3,463	3,221	3,428	3,401	3,454	3,134	7.5	10.5
Health care	9,207	9,574	8,862	8,817	8,744	9,284	-3.8	-0.8
Educational	67,922	76,276	72,944	72,418	72,350	72,718	-11.0	-6.6
Public safety	9,281	9,202	8,992	8,798	8,710	7,705	0.9	20.5
Amusement and recreation	11,613	11,179	11,083	10,975	10,775	11,708	3.9	-0.8
Transportation	34,074	34,351	33,933	33,230	33,625	30,442	-0.8	11.9
Power	6,330	6,992	6,144	6,002	5,166	5,093	-9.5	24.3
Highway and street	93,889	95,132	94,277	92,254	90,481	88,342	-1.3	6.3
Sewage and waste disposal	22,227	22,082	21,587	21,990	21,588	19,951	0.7	11.4
Water supply	14,068	14,152	12,946	12,525	12,784	11,860	-0.6	18.6
Conservation and development	7,696	7,892	7,493	7,498	7,150	6,965	-2.5	10.5

^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, August 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	Jun 2018 ^P	May 2018 ^F	Apr 2018 ^F	Mar 2018	Feb 2018	Jun 2017	Year-to-date		
							Jun 2018	Jun 2017	Percent change
Total Construction	118,896	115,517	107,210	98,867	90,888	112,983	619,881	589,638	5.1
Residential	52,476	50,809	47,742	43,066	38,576	48,646	269,647	249,337	8.1
Nonresidential	66,420	64,709	59,468	55,801	52,312	64,337	350,234	340,301	2.9
Lodging	2,703	2,755	2,688	2,600	2,438	2,460	15,493	13,990	10.7
Office	6,272	6,194	5,853	5,668	5,491	5,687	34,813	32,596	6.8
Commercial	7,898	7,982	7,626	7,239	6,844	7,845	44,055	42,040	4.8
Health care	3,595	3,624	3,393	3,346	3,292	3,580	20,554	20,098	2.3
Educational	8,733	8,336	7,404	6,776	6,382	9,333	43,906	43,923	0.0
Religious	274	265	273	239	221	316	1,495	1,644	-9.1
Public safety	812	781	741	693	641	677	4,341	3,874	12.1
Amusement and recreation	2,262	2,231	2,106	1,966	1,830	2,267	12,212	12,129	0.7
Transportation	4,559	4,464	4,102	3,693	3,469	4,040	23,770	20,797	14.3
Communication	1,991	2,045	1,986	2,238	1,893	2,136	11,990	11,716	2.3
Power	8,749	8,809	8,462	7,845	7,676	8,051	49,300	49,474	-0.4
Highway and street	9,449	8,385	6,538	5,160	4,299	8,870	38,022	36,490	4.2
Sewage and waste disposal	2,011	1,914	1,725	1,654	1,486	1,804	10,307	9,435	9.2
Water supply	1,292	1,233	1,068	978	932	1,081	6,377	5,814	9.7
Conservation and development	633	649	587	594	548	582	3,535	3,336	6.0
Manufacturing	5,190	5,040	4,917	5,113	4,871	5,610	30,064	32,945	-8.7
Total Private Construction¹	90,583	88,895	84,300	78,553	72,439	85,821	485,083	460,919	5.2
Residential	51,878	50,213	47,190	42,569	38,095	48,036	266,463	246,086	8.3
New single family	25,612	24,610	23,313	22,441	19,124	23,968	134,872	123,748	9.0
New multi-family	5,199	5,273	5,170	4,741	4,730	5,149	29,616	29,836	-0.7
Nonresidential	38,705	38,682	37,110	35,984	34,344	37,785	218,619	214,833	1.8
Lodging	2,619	2,658	2,598	2,520	2,352	2,402	14,988	13,737	9.1
Office	5,433	5,351	5,093	4,957	4,815	4,991	30,330	28,723	5.6
Commercial	7,589	7,706	7,359	6,975	6,589	7,565	42,438	40,488	4.8
Health care	2,796	2,818	2,671	2,618	2,603	2,770	16,077	15,580	3.2
Educational	1,882	1,874	1,730	1,627	1,541	1,934	10,158	10,207	-0.5
Religious	274	265	273	239	221	316	1,495	1,644	-9.1
Amusement and recreation	1,220	1,208	1,193	1,139	1,092	1,197	6,940	6,668	4.1
Transportation	1,558	1,524	1,337	1,153	1,072	1,312	7,807	6,504	20.0
Communication	1,984	2,039	1,972	2,221	1,885	2,122	11,929	11,645	2.4
Power	8,128	8,175	7,949	7,405	7,293	7,566	46,286	46,652	-0.8
Manufacturing	5,153	4,999	4,879	5,073	4,833	5,538	29,836	32,596	-8.5
Total Public Construction²	28,313	26,622	22,910	20,313	18,449	27,162	134,799	128,719	4.7
Residential	598	596	552	497	481	610	3,184	3,251	-2.1
Nonresidential	27,715	26,027	22,358	19,817	17,968	26,552	131,615	125,468	4.9
Office	838	843	760	711	676	697	4,484	3,873	15.8
Commercial	310	276	267	264	255	280	1,617	1,552	4.2
Health care	800	806	722	728	689	810	4,477	4,518	-0.9
Educational	6,851	6,462	5,674	5,149	4,841	7,399	33,748	33,716	0.1
Public safety	803	773	730	685	632	668	4,290	3,819	12.3
Amusement and recreation	1,042	1,023	914	827	738	1,070	5,272	5,461	-3.5
Transportation	3,000	2,941	2,765	2,540	2,396	2,728	15,963	14,294	11.7
Power	621	634	513	440	383	485	3,014	2,822	6.8
Highway and street	9,430	8,369	6,521	5,140	4,285	8,846	37,923	36,405	4.2
Sewage and waste disposal	1,981	1,886	1,710	1,641	1,476	1,783	10,200	9,301	9.7
Water supply	1,280	1,222	1,054	965	920	1,063	6,308	5,710	10.5
Conservation and development	631	648	584	591	545	580	3,524	3,324	6.0

^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, August 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	0.8	0.5	0.7	0.6	1.0
Residential	4.5	3.5	5.1	2.1	4.5
Nonresidential	0.8	0.5	0.7	0.6	1.1
Lodging	2.2	1.7	2.0	1.2	2.3
Office	2.0	1.5	1.8	0.7	2.2
Commercial	2.1	1.6	2.4	1.6	2.5
Health care	2.0	1.6	1.7	1.2	1.9
Educational	1.9	1.6	2.1	1.1	2.9
Religious	5.9	4.4	6.0	4.5	5.8
Public safety	3.7	2.3	3.2	1.9	3.6
Amusement and recreation	3.0	2.5	3.4	1.8	4.8
Transportation	1.4	1.2	2.0	1.0	2.6
Communication	NA	NA	NA	NA	NA
Power	0.4	0.2	0.3	0.2	0.4
Highway and street	3.3	2.3	3.0	3.4	4.8
Sewage and waste disposal	4.1	3.3	4.7	3.3	5.3
Water supply	4.5	3.7	5.2	4.0	7.0
Conservation and development	2.9	2.1	3.2	2.2	3.8
Manufacturing	1.0	1.2	1.0	1.0	0.9
Total Private Construction	0.8	0.6	0.7	0.5	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	5.5	5.6	4.7	1.2	4.2
Nonresidential	0.8	0.6	0.7	0.5	0.8
Lodging	1.9	1.5	1.9	1.1	2.3
Office	2.2	1.5	1.9	0.7	2.2
Commercial	2.2	1.7	2.4	1.7	2.6
Health care	2.4	2.0	2.1	1.5	2.4
Educational	2.8	2.2	3.0	1.9	3.3
Religious	5.9	4.4	6.0	4.5	5.8
Amusement and recreation	3.0	2.3	3.3	1.7	3.9
Transportation	1.6	1.3	4.2	1.0	5.6
Communication	NA	NA	NA	NA	NA
Power	0.3	0.1	0.2	0.1	0.3
Manufacturing	1.1	1.2	1.0	1.1	1.0
Total Public Construction	1.3	1.0	1.3	1.2	2.0
Residential	4.4	3.5	5.1	2.1	4.5
Nonresidential	1.4	1.0	1.3	1.2	2.0
Office	3.8	4.5	5.7	2.3	8.8
Commercial	6.6	5.8	8.5	5.6	9.1
Health care	2.7	1.9	2.5	1.9	3.0
Educational	2.3	2.0	2.6	1.3	3.6
Public safety	3.7	2.3	3.2	1.9	3.6
Amusement and recreation	5.6	4.8	6.2	3.2	9.6
Transportation	1.9	1.5	2.1	1.2	2.9
Power	6.2	5.2	6.6	5.9	10.2
Highway and street	3.3	2.3	3.0	3.4	4.8
Sewage and waste disposal	4.1	3.4	4.8	3.3	5.3
Water supply	4.5	3.7	5.2	4.0	7.1
Conservation and development	2.9	2.0	3.2	2.2	3.8

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, August 1, 2018. Additional information on the survey methodology may be found at www.census.gov/construction/c30/meth.html.