

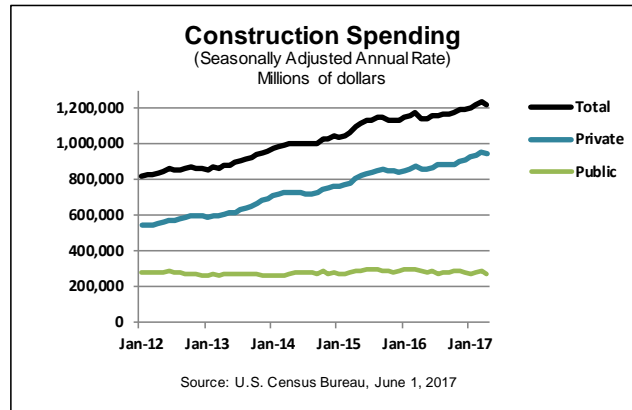
FOR RELEASE AT 10:00 AM EDT, JUNE 1, 2017

MONTHLY CONSTRUCTION SPENDING, APRIL 2017

Release Number: CB17-87

June 1, 2017 — The U.S. Census Bureau announced the following value put in place construction statistics for April 2017:

CONSTRUCTION SPENDING	
APRIL 2017	\$1,218.5 billion
MARCH 2017 (revised)	\$1,235.5 billion
Next release: July 3, 2017	
Seasonally Adjusted Annual Rate Source: U.S. Census Bureau, June 1, 2017	



Total Construction

Construction spending during April 2017 was estimated at a seasonally adjusted annual rate of \$1,218.5 billion, 1.4 percent (± 1.0 percent) below the revised March estimate of \$1,235.5 billion. The April figure is 6.7 percent (± 1.5 percent) above the April 2016 estimate of \$1,142.5 billion. During the first 4 months of this year, construction spending amounted to \$359.5 billion, 5.8 percent (± 1.3 percent) above the \$339.7 billion for the same period in 2016.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$943.3 billion, 0.7 percent (± 0.8 percent)* below the revised March estimate of \$949.7 billion. Residential construction was at a seasonally adjusted annual rate of \$516.7 billion in April, 0.7 percent (± 1.3 percent)* below the revised March estimate of \$520.4 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$426.6 billion in April, 0.6 percent (± 0.8 percent)* below the revised March estimate of \$429.3 billion.

Public Construction

In April, the estimated seasonally adjusted annual rate of public construction spending was \$275.3 billion, 3.7 percent (± 2.0 percent) below the revised March estimate of \$285.9 billion. Educational construction was at a seasonally adjusted annual rate of \$70.7 billion, 2.0 percent (± 2.6 percent)* below the revised March estimate of \$72.2 billion. Highway construction was at a seasonally adjusted annual rate of \$89.5 billion, 3.7 percent (± 5.8 percent)* below the revised March estimate of \$93.0 billion.

Notice

In the May 2017 press release, normal revisions to the unadjusted and seasonally adjusted data will revise back to January 2015.

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

General Information

The May 2017 Monthly Construction Spending Report is scheduled for release on July 3, 2017 . 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 percent 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, 0.83 percent; private construction, 1.01 percent; and public construction, 1.09 percent.

Explanations of confidence intervals and sampling variability can be found on our website at <www.census.gov/construction/c30/methodology.html/>.

America's Economy Mobile App

The America's Economy app provides real-time updates for 19 key economic indicators released from the U.S. Census Bureau, Bureau of Labor Statistics, and Bureau of Economic Analysis.

<www.census.gov/mobile/economy/>

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/>

-X-

* 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	Apr 2017 ^P	Mar 2017 ^r	Feb 2017 ^r	Jan 2017	Dec 2016	Apr 2016	Percent change Apr 2017 from -	
							Mar 2017	Apr 2016
Total Construction	1,218,509	1,235,541	1,221,681	1,198,779	1,188,941	1,142,525	-1.4	6.7
Residential	522,223	526,955	514,275	491,247	481,759	451,747	-0.9	15.6
Nonresidential	696,286	708,586	707,407	707,533	707,182	690,778	-1.7	0.8
Lodging	27,839	28,050	27,618	28,408	28,321	26,282	-0.8	5.9
Office	71,742	71,734	72,163	74,856	76,148	63,836	0.0	12.4
Commercial	80,344	80,467	81,377	82,278	81,578	71,502	-0.2	12.4
Health care	40,285	40,824	40,507	40,959	41,381	40,277	-1.3	0.0
Educational	90,806	92,337	92,962	93,014	90,464	88,662	-1.7	2.4
Religious	3,332	3,463	3,430	3,370	3,597	4,287	-3.8	-22.3
Public safety	8,312	8,314	8,273	7,498	8,772	8,064	0.0	3.1
Amusement and recreation	22,261	23,370	23,575	22,435	22,428	21,781	-4.7	2.2
Transportation	41,874	42,406	41,035	39,986	41,815	42,211	-1.3	-0.8
Communication	20,828	20,967	21,695	22,605	21,643	18,660	-0.7	11.6
Power	94,211	96,351	97,821	97,761	96,055	96,746	-2.2	-2.6
Highway and street	89,751	93,281	90,938	88,076	87,831	89,652	-3.8	0.1
Sewage and waste disposal	18,590	19,184	19,545	19,019	19,160	24,331	-3.1	-23.6
Water supply	11,008	10,745	10,636	10,812	12,007	11,980	2.4	-8.1
Conservation and development	6,639	7,198	6,964	7,027	7,452	7,692	-7.8	-13.7
Manufacturing	68,467	69,897	68,867	69,431	68,533	74,816	-2.0	-8.5
Total Private Construction¹	943,256	949,656	940,324	924,379	909,664	854,624	-0.7	10.4
Residential	516,653	520,363	507,828	485,264	475,167	445,499	-0.7	16.0
New single family	262,143	260,089	258,187	254,319	251,536	243,301	0.8	7.7
New multi-family	64,862	65,010	63,480	62,956	60,827	58,898	-0.2	10.1
Nonresidential	426,603	429,293	432,496	439,115	434,496	409,125	-0.6	4.3
Lodging	27,452	27,671	27,257	28,086	28,001	25,883	-0.8	6.1
Office	64,765	63,654	64,292	67,122	68,128	56,408	1.7	14.8
Commercial	77,192	77,393	78,227	79,192	78,474	68,040	-0.3	13.5
Health care	31,597	31,952	32,058	32,830	32,746	31,631	-1.1	-0.1
Educational	20,067	20,157	21,144	21,253	20,425	17,815	-0.4	12.6
Religious	3,332	3,463	3,430	3,370	3,597	4,287	-3.8	-22.3
Amusement and recreation	12,216	12,185	12,377	12,150	12,550	11,020	0.3	10.9
Transportation	11,872	11,783	11,372	11,831	11,384	12,903	0.8	-8.0
Communication	20,757	20,862	21,600	22,488	21,488	18,570	-0.5	11.8
Power	88,762	90,059	91,474	90,912	89,064	87,455	-1.4	1.5
Manufacturing	67,844	69,185	68,294	68,813	67,874	74,091	-1.9	-8.4
Total Public Construction²	275,253	285,884	281,357	274,400	279,277	287,902	-3.7	-4.4
Residential	5,570	6,592	6,447	5,983	6,592	6,249	-15.5	-10.9
Nonresidential	269,684	279,293	274,911	268,418	272,685	281,653	-3.4	-4.2
Office	6,976	8,080	7,871	7,734	8,020	7,428	-13.7	-6.1
Commercial	3,152	3,074	3,151	3,085	3,104	3,462	2.5	-9.0
Health care	8,688	8,873	8,449	8,129	8,635	8,646	-2.1	0.5
Educational	70,739	72,179	71,818	71,762	70,039	70,847	-2.0	-0.2
Public safety	8,232	8,263	8,152	7,374	8,642	8,006	-0.4	2.8
Amusement and recreation	10,045	11,185	11,198	10,285	9,878	10,761	-10.2	-6.7
Transportation	30,001	30,623	29,664	28,155	30,431	29,309	-2.0	2.4
Power	5,449	6,292	6,347	6,849	6,990	9,291	-13.4	-41.4
Highway and street	89,521	92,958	90,595	87,793	87,629	89,270	-3.7	0.3
Sewage and waste disposal	18,376	18,922	19,325	18,822	18,904	23,967	-2.9	-23.3
Water supply	10,806	10,475	10,370	10,398	11,881	11,809	3.2	-8.5
Conservation and development	6,619	7,175	6,941	6,976	7,399	7,643	-7.7	-13.4

^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, June 1, 2017. 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	Apr 2017 ^P	Mar 2017 ^F	Feb 2017 ^F	Jan 2017	Dec 2016	Apr 2016	Year-to-date		
							Apr 2017	Apr 2016	Percent change
Total Construction	98,102	94,788	84,089	82,553	91,645	92,208	359,532	339,704	5.8
Residential	43,099	41,753	34,444	32,858	35,927	37,523	152,154	135,700	12.1
Nonresidential	55,003	53,035	49,646	49,695	55,718	54,685	207,378	204,004	1.7
Lodging	2,311	2,285	2,144	2,160	2,333	2,192	8,900	8,091	10.0
Office	5,851	5,639	5,393	5,624	6,126	5,279	22,507	19,420	15.9
Commercial	6,568	6,249	5,937	5,947	6,417	5,879	24,701	21,965	12.5
Health care	3,281	3,304	3,129	3,101	3,401	3,304	12,815	12,748	0.5
Educational	7,132	6,745	6,367	6,307	6,490	6,971	26,551	25,452	4.3
Religious	264	277	248	246	290	342	1,036	1,168	-11.3
Public safety	668	655	601	572	729	651	2,497	2,516	-0.8
Amusement and recreation	1,852	1,829	1,695	1,634	1,753	1,798	7,010	6,458	8.5
Transportation	3,388	3,173	2,811	2,773	3,342	3,385	12,144	12,766	-4.9
Communication	1,586	1,657	1,535	1,548	2,053	1,470	6,326	5,852	8.1
Power	7,603	7,572	7,613	7,826	8,277	7,802	30,614	30,075	1.8
Highway and street	6,184	5,222	4,334	4,060	5,387	6,130	19,799	20,442	-3.1
Sewage and waste disposal	1,474	1,429	1,336	1,318	1,481	1,920	5,557	7,297	-23.8
Water supply	904	828	761	795	934	974	3,287	3,644	-9.8
Conservation and development	525	584	554	509	645	612	2,172	2,411	-9.9
Manufacturing	5,411	5,587	5,190	5,276	6,061	5,977	21,463	23,699	-9.4
Total Private Construction¹	77,143	75,065	66,348	65,535	71,669	70,317	284,091	260,110	9.2
Residential	42,646	41,256	33,971	32,439	35,397	37,008	150,312	133,737	12.4
New single family	21,143	20,195	17,080	17,629	18,714	19,586	76,048	72,306	5.2
New multi-family	5,442	5,338	4,855	4,793	4,733	4,940	20,427	18,963	7.7
Nonresidential	34,497	33,810	32,377	33,097	36,272	33,309	133,779	126,373	5.9
Lodging	2,279	2,253	2,114	2,133	2,306	2,158	8,779	7,946	10.5
Office	5,281	4,997	4,807	5,047	5,475	4,661	20,132	17,057	18.0
Commercial	6,320	6,008	5,704	5,732	6,163	5,605	23,763	20,898	13.7
Health care	2,559	2,555	2,449	2,483	2,681	2,593	10,045	10,017	0.3
Educational	1,666	1,585	1,545	1,543	1,552	1,510	6,339	5,551	14.2
Religious	264	277	248	246	290	342	1,036	1,168	-11.3
Amusement and recreation	1,028	992	944	936	1,006	933	3,900	3,495	11.6
Transportation	960	800	694	800	963	1,033	3,254	3,451	-5.7
Communication	1,580	1,648	1,527	1,539	2,041	1,462	6,294	5,803	8.5
Power	7,143	7,101	7,136	7,339	7,726	7,017	28,719	27,241	5.4
Manufacturing	5,359	5,528	5,142	5,225	6,006	5,917	21,253	23,465	-9.4
Total Public Construction²	20,959	19,723	17,742	17,017	19,976	21,891	75,441	79,594	-5.2
Residential	453	497	473	419	531	515	1,842	1,964	-6.2
Nonresidential	20,506	19,226	17,269	16,598	19,446	21,376	73,599	77,631	-5.2
Office	571	642	585	577	651	617	2,375	2,363	0.5
Commercial	248	241	233	215	254	275	937	1,068	-12.3
Health care	723	750	680	618	719	711	2,770	2,730	1.5
Educational	5,466	5,160	4,821	4,764	4,938	5,461	20,211	19,902	1.6
Public safety	662	651	593	563	719	646	2,468	2,490	-0.9
Amusement and recreation	825	837	750	699	747	865	3,110	2,963	5.0
Transportation	2,428	2,374	2,117	1,972	2,379	2,352	8,890	9,315	-4.6
Power	460	471	477	487	551	785	1,895	2,835	-33.2
Highway and street	6,167	5,201	4,313	4,043	5,369	6,104	19,724	20,375	-3.2
Sewage and waste disposal	1,458	1,411	1,318	1,304	1,461	1,891	5,490	7,179	-23.5
Water supply	887	807	744	764	923	962	3,202	3,595	-10.9
Conservation and development	524	582	552	505	640	608	2,163	2,388	-9.4

^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.

Data are at an annual rate, adjusted for seasonality but not price changes. Source: U.S. Census Bureau, Construction Spending, June 1, 2017. 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	0.9	
Residential	5.6	6.2	6.3	3.3	5.0	
Nonresidential	0.9	0.6	0.8	0.6	0.9	
Lodging	2.0	1.5	1.8	0.9	2.1	
Office	2.6	1.9	2.4	1.2	2.5	
Commercial	3.2	2.4	2.6	1.5	2.9	
Health care	2.1	1.6	2.3	1.2	2.4	
Educational	1.9	1.5	2.0	1.3	2.3	
Religious	7.3	6.4	8.5	3.6	11.1	
Public safety	3.1	2.6	3.5	2.3	3.6	
Amusement and recreation	3.8	3.2	3.9	5.0	3.7	
Transportation	1.8	1.4	1.8	1.4	2.3	
Communication	NA	NA	NA	NA	NA	
Power	0.3	0.2	0.3	0.2	0.3	
Highway and street	3.4	2.8	3.7	3.5	4.5	
Sewage and waste disposal	3.4	3.2	3.3	3.0	4.2	
Water supply	4.5	3.6	4.6	5.0	5.9	
Conservation and development	4.0	3.4	4.5	3.1	4.3	
Manufacturing	0.9	0.6	0.7	0.4	0.9	
Total Private Construction	1.0	0.7	0.8	0.5	0.9	
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	5.4	4.8	5.1	1.6	5.3	
Nonresidential	1.0	0.7	0.8	0.5	0.9	
Lodging	2.0	1.5	1.8	0.9	2.1	
Office	3.0	2.2	2.7	1.3	2.8	
Commercial	3.3	2.5	2.6	1.6	3.0	
Health care	2.6	2.0	2.8	1.4	2.9	
Educational	3.0	2.4	3.4	1.7	3.4	
Religious	7.3	6.4	8.5	3.6	11.1	
Amusement and recreation	3.4	2.5	4.1	1.6	3.9	
Transportation	3.6	3.3	6.5	1.9	8.7	
Communication	NA	NA	NA	NA	NA	
Power	0.2	0.2	0.3	0.1	0.2	
Manufacturing	0.9	0.6	0.7	0.4	0.9	
Total Public Construction	1.4	1.0	1.3	1.2	1.6	
Residential	5.6	6.2	6.3	3.3	5.0	
Nonresidential	1.4	1.0	1.3	1.3	1.6	
Office	3.4	2.6	3.4	2.7	3.4	
Commercial	6.9	6.1	13.2	3.9	10.5	
Health care	2.7	2.2	3.1	2.3	3.7	
Educational	2.2	1.8	2.4	1.6	2.8	
Public safety	3.1	2.6	3.5	2.2	3.5	
Amusement and recreation	7.0	6.1	6.7	10.3	6.3	
Transportation	2.0	1.4	1.9	1.6	2.4	
Power	4.4	2.9	2.2	3.8	2.7	
Highway and street	3.4	2.8	3.7	3.5	4.5	
Sewage and waste disposal	3.4	3.3	3.3	3.1	4.3	
Water supply	4.5	3.6	4.5	5.1	5.9	
Conservation and development	4.0	3.4	4.6	3.1	4.4	

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, June 1, 2017. Additional information on the survey methodology may be found at www.census.gov/construction/c30/meth.html.