

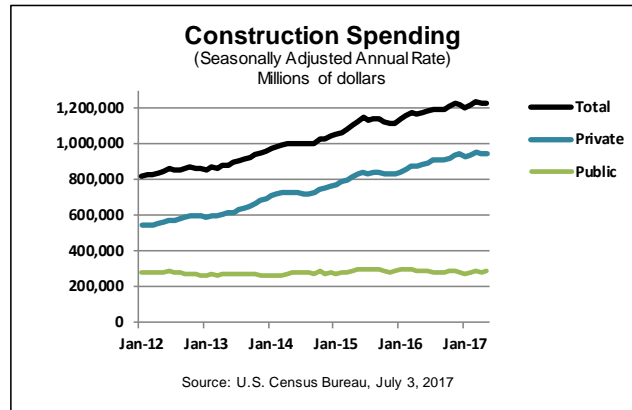
FOR RELEASE AT 10:00 AM EDT, JULY 3, 2017

MONTHLY CONSTRUCTION SPENDING, MAY 2017

Release Number: CB17-105

July 3, 2017 — The U.S. Census Bureau announced the following value put in place construction statistics for May 2017:

CONSTRUCTION SPENDING	
MAY 2017	\$1,230.1 billion
APRIL 2017 (revised)	\$1,230.4 billion
Next release: August 1, 2017	
Seasonally Adjusted Annual Rate Source: U.S. Census Bureau, July 3, 2017	



Total Construction

Construction spending during May 2017 was estimated at a seasonally adjusted annual rate of \$1,230.1 billion, nearly the same as (± 2.5 percent)* the revised April estimate of \$1,230.4 billion. The May figure is 4.5 percent (± 2.5 percent) above the May 2016 estimate of \$1,177.0 billion. During the first 5 months of this year, construction spending amounted to \$469.2 billion, 6.1 percent (± 1.3 percent) above the \$442.4 billion for the same period in 2016.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$943.2 billion, 0.6 percent (± 0.7 percent)* below the revised April estimate of \$949.3 billion. Residential construction was at a seasonally adjusted annual rate of \$509.6 billion in May, 0.6 percent (± 1.3 percent)* below the revised April estimate of \$512.7 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$433.6 billion in May, 0.7 percent (± 0.7 percent)* below the revised April estimate of \$436.7 billion.

Public Construction

In May, the estimated seasonally adjusted annual rate of public construction spending was \$286.9 billion, 2.1 percent (± 5.3 percent)* above the revised April estimate of \$281.0 billion. Educational construction was at a seasonally adjusted annual rate of \$74.3 billion, 5.1 percent (± 3.3 percent) above the revised April estimate of \$70.7 billion. Highway construction was at a seasonally adjusted annual rate of \$90.6 billion, 0.9 percent (± 16.9 percent)* below the revised April estimate of \$91.5 billion.

Notice

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

Data Inquiries

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Media Inquiries

Public Information Office
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U.S. Department of Commerce
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General Information

The June 2017 Monthly Construction Spending Report is scheduled for release on August 1, 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/>

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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	May 2017 ^P	Apr 2017 ^r	Mar 2017 ^r	Feb 2017 ^r	Jan 2017 ^r	May 2016 ^f	Percent change May 2017 from -	
							Apr 2017	May 2016
Total Construction	1,230,094	1,230,381	1,239,564	1,235,700	1,223,501	1,177,007	0.0	4.5
Residential	515,778	518,317	516,631	512,453	508,056	464,918	-0.5	10.9
Nonresidential	714,316	712,063	722,933	723,247	715,445	712,089	0.3	0.3
Lodging	27,699	27,771	28,161	27,502	27,982	27,070	-0.3	2.3
Office	72,168	71,045	70,972	71,300	72,450	62,907	1.6	14.7
Commercial	83,005	83,557	84,282	83,908	83,382	76,068	-0.7	9.1
Health care	39,225	39,002	39,591	38,655	38,215	38,427	0.6	2.1
Educational	93,553	90,979	92,209	93,875	93,225	87,593	2.8	6.8
Religious	3,343	3,225	3,231	3,250	3,173	3,537	3.7	-5.5
Public safety	8,240	8,117	8,179	8,089	7,530	8,145	1.5	1.2
Amusement and recreation	23,655	23,060	23,996	24,129	22,882	22,682	2.6	4.3
Transportation	41,913	42,414	43,238	42,949	40,910	43,107	-1.2	-2.8
Communication	21,767	22,189	22,623	22,954	24,280	21,343	-1.9	2.0
Power	100,507	99,805	101,548	103,562	102,734	109,092	0.7	-7.9
Highway and street	90,777	91,653	94,519	93,464	89,517	89,692	-1.0	1.2
Sewage and waste disposal	19,393	19,160	19,829	20,149	19,202	23,083	1.2	-16.0
Water supply	11,784	11,859	11,109	11,035	10,847	12,881	-0.6	-8.5
Conservation and development	7,222	6,962	7,284	7,037	7,009	8,137	3.7	-11.2
Manufacturing	70,068	71,267	72,163	71,390	72,109	78,324	-1.7	-10.5
Total Private Construction¹	943,198	949,337	950,845	949,292	946,308	888,319	-0.6	6.2
Residential	509,619	512,679	509,933	505,716	501,971	458,283	-0.6	11.2
New single family	259,867	260,708	258,415	257,385	255,216	240,929	-0.3	7.9
New multi-family	61,984	64,068	64,179	63,244	62,636	60,198	-3.3	3.0
Nonresidential	433,580	436,658	440,912	443,576	444,337	430,036	-0.7	0.8
Lodging	27,289	27,395	27,798	27,114	27,644	26,608	-0.4	2.6
Office	63,732	63,257	62,621	63,037	64,235	54,982	0.8	15.9
Commercial	79,391	80,210	81,126	80,809	80,292	72,597	-1.0	9.4
Health care	29,348	29,457	30,129	29,721	29,802	30,138	-0.4	-2.6
Educational	19,299	20,307	20,504	21,513	21,544	18,644	-5.0	3.5
Religious	3,343	3,225	3,231	3,250	3,173	3,537	3.7	-5.5
Amusement and recreation	12,777	12,660	12,285	12,650	12,150	11,936	0.9	7.0
Transportation	12,182	12,508	13,481	13,709	13,197	13,519	-2.6	-9.9
Communication	21,677	22,120	22,518	22,858	24,164	21,147	-2.0	2.5
Power	94,459	94,171	95,078	97,203	95,675	98,123	0.3	-3.7
Manufacturing	69,412	70,588	71,310	70,804	71,464	77,728	-1.7	-10.7
Total Public Construction²	286,896	281,044	288,719	286,408	277,194	288,688	2.1	-0.6
Residential	6,159	5,639	6,698	6,737	6,085	6,635	9.2	-7.2
Nonresidential	280,737	275,405	282,021	279,671	271,109	282,053	1.9	-0.5
Office	8,435	7,788	8,350	8,263	8,215	7,925	8.3	6.4
Commercial	3,615	3,347	3,156	3,099	3,090	3,471	8.0	4.1
Health care	9,876	9,545	9,461	8,934	8,414	8,290	3.5	19.1
Educational	74,254	70,672	71,704	72,362	71,681	68,949	5.1	7.7
Public safety	8,175	8,030	8,128	7,974	7,420	8,043	1.8	1.6
Amusement and recreation	10,878	10,400	11,711	11,478	10,732	10,746	4.6	1.2
Transportation	29,732	29,907	29,756	29,240	27,714	29,588	-0.6	0.5
Power	6,048	5,634	6,470	6,359	7,059	10,968	7.3	-44.9
Highway and street	90,607	91,454	94,273	93,169	89,253	89,324	-0.9	1.4
Sewage and waste disposal	19,211	18,942	19,569	19,920	18,964	22,704	1.4	-15.4
Water supply	11,554	11,624	10,860	10,789	10,510	12,711	-0.6	-9.1
Conservation and development	7,197	6,940	7,260	7,013	6,959	8,080	3.7	-10.9

^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, July 3, 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	May 2017 ^P	Apr 2017 ^r	Mar 2017 ^r	Feb 2017 ^r	Jan 2017 ^r	May 2016 ^r	Year-to-date		
							May 2017	May 2016	Percent change
Total Construction	105,160	99,506	95,617	85,095	83,821	100,249	469,200	442,423	6.1
Residential	44,813	43,239	41,359	34,436	33,735	40,441	197,580	176,115	12.2
Nonresidential	60,347	56,267	54,259	50,660	50,087	59,808	271,619	266,308	2.0
Lodging	2,373	2,314	2,302	2,119	2,131	2,314	11,239	10,349	8.6
Office	6,124	5,800	5,612	5,368	5,462	5,354	28,366	24,575	15.4
Commercial	7,051	6,871	6,559	6,124	6,022	6,445	32,627	28,493	14.5
Health care	3,327	3,191	3,198	2,992	2,887	3,256	15,595	15,499	0.6
Educational	7,949	7,138	6,706	6,408	6,305	7,439	34,507	32,953	4.7
Religious	275	252	255	232	228	285	1,242	1,363	-8.9
Public safety	685	650	649	585	568	665	3,137	3,144	-0.2
Amusement and recreation	2,046	1,909	1,870	1,750	1,684	1,977	9,257	8,601	7.6
Transportation	3,582	3,408	3,223	2,931	2,848	3,695	15,991	15,989	0.0
Communication	1,774	1,695	1,764	1,659	1,703	1,751	8,595	8,244	4.3
Power	8,367	8,109	8,091	8,053	8,142	9,031	40,762	41,247	-1.2
Highway and street	7,751	6,298	5,352	4,432	4,135	7,551	27,967	28,396	-1.5
Sewage and waste disposal	1,654	1,524	1,471	1,372	1,319	1,972	7,339	9,383	-21.8
Water supply	999	971	852	792	786	1,094	4,401	4,903	-10.2
Conservation and development	578	526	585	557	499	643	2,745	2,982	-7.9
Manufacturing	5,812	5,612	5,769	5,287	5,370	6,335	27,851	30,188	-7.7
Total Private Construction¹	80,869	78,199	75,741	67,175	66,699	75,981	368,683	338,311	9.0
Residential	44,282	42,768	40,857	33,955	33,308	39,877	195,171	173,569	12.4
New single family	22,158	21,198	20,170	17,083	17,684	20,511	98,293	91,605	7.3
New multi-family	5,244	5,416	5,315	4,903	4,814	5,075	25,691	24,202	6.2
Nonresidential	36,587	35,431	34,884	33,219	33,391	36,104	173,512	164,742	5.3
Lodging	2,339	2,282	2,272	2,087	2,103	2,276	11,082	10,138	9.3
Office	5,394	5,176	4,948	4,760	4,850	4,685	25,127	21,498	16.9
Commercial	6,741	6,608	6,314	5,896	5,811	6,156	31,371	27,232	15.2
Health care	2,505	2,408	2,419	2,282	2,249	2,576	11,863	12,147	-2.3
Educational	1,748	1,698	1,627	1,589	1,572	1,688	8,233	7,519	9.5
Religious	275	252	255	232	228	285	1,242	1,363	-8.9
Amusement and recreation	1,088	1,053	991	975	949	1,011	5,057	4,545	11.3
Transportation	1,066	1,009	942	868	915	1,204	4,801	4,778	0.5
Communication	1,767	1,689	1,755	1,651	1,693	1,735	8,555	8,169	4.7
Power	7,849	7,642	7,600	7,577	7,634	8,107	38,301	37,029	3.4
Manufacturing	5,757	5,556	5,698	5,238	5,317	6,285	27,566	29,912	-7.8
Total Public Construction²	24,291	21,307	19,876	17,921	17,122	24,268	100,517	104,112	-3.5
Residential	531	471	502	480	426	563	2,410	2,546	-5.3
Nonresidential	23,760	20,837	19,375	17,440	16,696	23,704	98,107	101,566	-3.4
Office	731	624	664	608	611	669	3,238	3,077	5.2
Commercial	310	262	245	227	212	289	1,256	1,262	-0.5
Health care	822	784	780	710	638	680	3,732	3,352	11.3
Educational	6,202	5,440	5,080	4,819	4,733	5,751	26,274	25,433	3.3
Public safety	679	643	645	576	559	656	3,102	3,106	-0.1
Amusement and recreation	957	856	879	774	734	966	4,201	4,056	3.6
Transportation	2,516	2,399	2,281	2,063	1,933	2,492	11,191	11,210	-0.2
Power	519	467	491	476	507	924	2,461	4,217	-41.6
Highway and street	7,736	6,283	5,334	4,413	4,118	7,519	27,884	28,264	-1.3
Sewage and waste disposal	1,637	1,506	1,452	1,354	1,303	1,937	7,252	9,235	-21.5
Water supply	980	954	831	775	762	1,081	4,303	4,837	-11.0
Conservation and development	576	524	583	555	494	638	2,733	2,954	-7.5

^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, July 3, 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	1.5	1.5	
Residential	5.6	5.7	5.9	3.8	5.2	
Nonresidential	0.9	0.6	0.8	1.5	1.5	
Lodging	2.0	1.5	1.8	1.1	2.1	
Office	2.6	1.8	2.3	1.0	2.3	
Commercial	3.2	2.3	2.6	1.3	2.9	
Health care	2.1	1.5	2.3	1.1	2.8	
Educational	1.9	1.4	2.0	1.6	2.4	
Religious	7.3	6.1	7.9	4.6	7.8	
Public safety	3.1	2.5	3.4	3.0	4.3	
Amusement and recreation	3.7	2.8	3.6	2.5	4.2	
Transportation	1.9	1.4	1.8	2.5	2.8	
Communication	NA	NA	NA	NA	NA	
Power	0.3	0.2	0.3	0.2	0.4	
Highway and street	3.8	3.2	4.1	10.2	8.5	
Sewage and waste disposal	3.4	3.1	3.3	4.4	4.8	
Water supply	4.5	3.3	4.3	4.3	5.5	
Conservation and development	3.9	2.9	4.0	3.7	3.9	
Manufacturing	0.9	0.6	0.7	0.4	0.8	
Total Private Construction	1.0	0.7	0.8	0.4	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	5.3	4.8	5.0	1.3	4.9	
Nonresidential	1.0	0.7	0.8	0.4	0.9	
Lodging	2.0	1.5	1.8	1.1	2.2	
Office	3.0	2.0	2.6	1.1	2.5	
Commercial	3.3	2.4	2.7	1.4	2.9	
Health care	2.6	1.9	2.8	1.3	3.2	
Educational	3.0	2.6	3.5	1.7	3.5	
Religious	7.3	6.1	7.9	4.6	7.8	
Amusement and recreation	3.3	2.3	3.7	1.7	3.4	
Transportation	3.4	3.2	5.7	2.7	6.7	
Communication	NA	NA	NA	NA	NA	
Power	0.2	0.2	0.3	0.1	0.3	
Manufacturing	0.9	0.6	0.7	0.4	0.8	
Total Public Construction	1.5	1.1	1.4	3.2	2.9	
Residential	5.6	5.7	5.9	3.8	5.2	
Nonresidential	1.5	1.1	1.4	3.3	3.0	
Office	3.4	2.7	3.4	2.4	5.3	
Commercial	6.7	6.7	13.9	4.1	15.1	
Health care	2.7	2.2	3.2	1.9	4.8	
Educational	2.3	1.7	2.3	2.0	2.9	
Public safety	3.1	2.5	3.4	3.0	4.3	
Amusement and recreation	6.8	5.3	6.3	4.6	7.6	
Transportation	2.1	1.5	1.9	2.8	3.1	
Power	4.3	2.6	2.3	5.6	3.8	
Highway and street	3.8	3.2	4.1	10.3	8.5	
Sewage and waste disposal	3.5	3.1	3.4	4.5	4.9	
Water supply	4.5	3.3	4.2	4.3	5.5	
Conservation and development	3.9	2.9	4.0	3.7	3.9	

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, July 3, 2017. 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	2016 ^r	2015 ^r	Percent change	Coefficient of Variation
Total Construction	1,185,683	1,113,648	6.5	0.5
Residential	473,161	428,762	10.4	4.5
Nonresidential	712,521	684,886	4.0	0.5
Lodging	26,923	21,908	22.9	1.5
Office	67,262	55,521	21.1	2.1
Commercial	76,578	65,899	16.2	1.6
Health care	38,703	39,147	-1.1	1.4
Educational	89,391	84,771	5.4	1.3
Religious	3,501	3,577	-2.1	4.9
Public safety	7,982	8,484	-5.9	2.2
Amusement and recreation	22,455	20,258	10.8	2.1
Transportation	42,205	44,843	-5.9	1.2
Communication	22,038	21,696	1.6	NA
Power	105,755	102,972	2.7	0.3
Highway and street	91,390	90,626	0.8	1.6
Sewage and waste disposal	22,771	24,380	-6.6	2.3
Water supply	12,522	13,150	-4.8	2.3
Conservation and development	7,719	7,726	-0.1	2.7
Manufacturing	75,328	79,930	-5.8	0.9
Total Private Construction¹	898,686	823,303	9.2	0.6
Residential	466,592	422,143	10.5	1.1
New single family	242,476	221,128	9.7	4.0
New multi-family	60,517	52,531	15.2	5.3
Nonresidential	432,093	401,160	7.7	0.6
Lodging	26,483	21,324	24.2	1.5
Office	59,263	47,449	24.9	2.4
Commercial	73,457	63,404	15.9	1.6
Health care	30,183	30,518	-1.1	1.8
Educational	19,895	17,559	13.3	2.1
Religious	3,501	3,568	-1.9	4.9
Public safety	104	224	-53.6	35.5
Amusement and recreation	12,078	9,855	22.6	2.4
Transportation	12,951	13,575	-4.6	3.1
Communication	21,880	21,505	1.7	NA
Power	96,748	91,503	5.7	0.2
Sewage and waste disposal	354	369	-4.1	19.7
Water supply	192	539	-64.4	19.3
Manufacturing	74,669	79,287	-5.8	0.9
Total Public Construction²	286,997	290,345	-1.2	0.7
Residential	6,569	6,619	-0.8	4.5
Nonresidential	280,428	283,726	-1.2	0.8
Office	7,999	8,072	-0.9	2.6
Commercial	3,121	2,495	25.1	7.7
Health care	8,521	8,628	-1.2	2.1
Educational	69,497	67,213	3.4	1.5
Public safety	7,878	8,260	-4.6	2.2
Amusement and recreation	10,376	10,402	-0.2	3.5
Transportation	29,254	31,268	-6.4	1.3
Power	9,007	11,469	-21.5	3.2
Highway and street	91,125	90,264	1.0	1.6
Sewage and waste disposal	22,417	24,010	-6.6	2.3
Water supply	12,331	12,611	-2.2	2.4
Conservation and development	7,648	7,608	0.5	2.7

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, July 3, 2017. Additional information on the survey methodology may be found at www.census.gov/construction/c30/meth.html.