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JULY 2016 CONSTRUCTION AT \$1,153.2 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during July 2016 was estimated at a seasonally adjusted annual rate of \$1,153.2 billion, nearly the same as ($\pm 1.5\%$)* the revised June estimate of \$1,153.5 billion. The July figure is 1.5 percent ($\pm 2.3\%$)* above the July 2015 estimate of \$1,135.9 billion.

During the first 7 months of this year, construction spending amounted to \$647.7 billion, 5.6 percent ($\pm 1.3\%$) above the \$613.1 billion for the same period in 2015.

PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$875.0 billion, 1.0 percent ($\pm 1.5\%$)* above the revised June estimate of \$866.5 billion. Residential construction was at a seasonally adjusted annual rate of \$445.5 billion in July, 0.3 percent ($\pm 1.3\%$)* above the revised June estimate of \$444.0 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$429.5 billion in July, 1.7 percent ($\pm 1.5\%$) above the revised June estimate of \$422.5 billion.

PUBLIC CONSTRUCTION

In July, the estimated seasonally adjusted annual rate of public construction spending was \$278.2 billion, 3.1 percent ($\pm 2.6\%$) below the revised June estimate of \$287.0 billion. Educational construction was at a seasonally adjusted annual rate of \$64.6 billion, 8.3 percent ($\pm 3.9\%$) below the revised June estimate of \$70.4 billion. Highway construction was at a seasonally adjusted annual rate of \$89.8 billion, 0.3 percent ($\pm 6.4\%$)* above the revised June estimate of \$89.5 billion.

August 2016 data will be released on October 3, 2016 at 10:00 A.M. EDT.

For more detailed data and methodologies, go to our website:

<http://www.census.gov/constructionspending>

To receive the latest updates on the Nation's key economic indicators, download the America's Economy app for Apple and Android smartphones and tablets.

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, 0.93 percent; private construction, 1.02 percent; and public construction, 1.35 percent.

New Length of Time data for Private Nonresidential, Private Multifamily and State and Local Construction are available. Go to the Related Studies menu on our website.

* 90% confidence interval includes zero. The U.S. Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

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	Jul 2016 ^P	Jun 2016 ^r	May 2016 ^r	Apr 2016	Mar 2016	Jul 2015	Percent change Jul 2016 from -	
							Jun 2016	Jul 2015
Total Construction	1,153,175	1,153,520	1,143,750	1,142,525	1,176,380	1,135,850	0.0	1.5
Residential	451,738	450,027	450,683	451,747	475,094	444,070	0.4	1.7
Nonresidential	701,438	703,493	693,068	690,778	701,287	691,780	-0.3	1.4
Lodging	27,970	28,362	27,814	26,282	26,219	22,380	-1.4	25.0
Office	71,678	68,902	64,263	63,836	63,365	57,258	4.0	25.2
Commercial	74,612	74,115	72,766	71,502	72,606	66,642	0.7	12.0
Health care	41,893	41,774	41,267	40,277	42,016	42,237	0.3	-0.8
Educational	82,861	88,429	84,849	88,662	89,910	87,147	-6.3	-4.9
Religious	4,092	4,094	3,913	4,287	3,725	4,012	0.0	2.0
Public safety	8,234	8,097	8,091	8,064	7,860	8,827	1.7	-6.7
Amusement and recreation	21,877	22,355	21,705	21,781	21,229	20,857	-2.1	4.9
Transportation	44,039	44,021	43,608	42,211	45,285	45,597	0.0	-3.4
Communication	19,080	18,862	18,959	18,660	18,421	20,956	1.2	-9.0
Power	97,840	99,694	98,817	96,746	94,682	97,202	-1.9	0.7
Highway and street	89,958	89,810	89,281	89,652	94,054	91,512	0.2	-1.7
Sewage and waste disposal	21,631	21,575	21,967	24,331	24,704	24,898	0.3	-13.1
Water supply	12,335	12,362	12,091	11,980	12,304	13,655	-0.2	-9.7
Conservation and development	7,526	8,022	8,150	7,692	7,839	8,478	-6.2	-11.2
Manufacturing	75,810	73,020	75,527	74,816	77,066	80,124	3.8	-5.4
Total Private Construction¹	874,986	866,492	860,284	854,624	878,990	838,258	1.0	4.4
Residential	445,459	444,029	444,403	445,499	468,362	437,301	0.3	1.9
New single family	238,143	238,512	240,062	243,301	246,787	234,074	-0.2	1.7
New multi-family	59,774	60,111	60,329	58,898	61,543	49,908	-0.6	19.8
Nonresidential	429,526	422,464	415,882	409,125	410,629	400,956	1.7	7.1
Lodging	27,797	28,128	27,467	25,883	25,801	21,718	-1.2	28.0
Office	64,028	61,237	56,630	56,408	55,761	49,154	4.6	30.3
Commercial	72,082	71,225	69,399	68,040	68,834	63,499	1.2	13.5
Health care	33,290	33,378	32,971	31,631	33,054	33,797	-0.3	-1.5
Educational	18,300	18,009	17,865	17,815	17,854	17,471	1.6	4.7
Religious	4,092	4,094	3,913	4,287	3,725	4,006	0.0	2.1
Amusement and recreation	11,704	12,184	11,356	11,020	11,152	10,146	-3.9	15.4
Transportation	12,912	12,856	12,729	12,903	12,547	13,489	0.4	-4.3
Communication	18,945	18,719	18,785	18,570	18,238	20,788	1.2	-8.9
Power	90,208	89,219	88,913	87,455	86,337	86,030	1.1	4.9
Manufacturing	75,226	72,381	74,922	74,091	76,414	79,292	3.9	-5.1
Total Public Construction²	278,190	287,028	283,466	287,902	297,390	297,593	-3.1	-6.5
Residential	6,278	5,998	6,280	6,249	6,732	6,769	4.7	-7.3
Nonresidential	271,911	281,029	277,186	281,653	290,658	290,824	-3.2	-6.5
Office	7,651	7,666	7,634	7,428	7,604	8,104	-0.2	-5.6
Commercial	2,530	2,890	3,367	3,462	3,773	3,143	-12.5	-19.5
Health care	8,604	8,396	8,296	8,646	8,962	8,440	2.5	1.9
Educational	64,562	70,420	66,984	70,847	72,056	69,676	-8.3	-7.3
Public safety	8,175	8,029	8,033	8,006	7,784	8,660	1.8	-5.6
Amusement and recreation	10,173	10,171	10,349	10,761	10,077	10,711	0.0	-5.0
Transportation	31,128	31,164	30,879	29,309	32,738	32,108	-0.1	-3.1
Power	7,632	10,475	9,904	9,291	8,346	11,172	-27.1	-31.7
Highway and street	89,764	89,459	88,934	89,270	93,783	91,047	0.3	-1.4
Sewage and waste disposal	21,207	21,222	21,641	23,967	24,363	24,673	-0.1	-14.0
Water supply	12,147	12,189	11,944	11,809	12,147	13,034	-0.3	-6.8
Conservation and development	7,449	7,934	8,096	7,643	7,772	8,389	-6.1	-11.2

^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.

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	Jul 2016 ^P	Jun 2016 ^f	May 2016 ^f	Apr 2016	Mar 2016	Jul 2015	Year-to-date		
							Jul 2016	Jul 2015	Percent change
Total Construction	105,669	104,691	97,620	92,208	88,984	104,958	647,684	613,096	5.6
Residential	42,446	41,542	39,474	37,523	36,635	41,808	259,163	243,422	6.5
Nonresidential	63,223	63,149	58,146	54,685	52,349	63,150	388,522	369,674	5.1
Lodging	2,392	2,390	2,372	2,192	2,127	1,881	15,244	11,839	28.8
Office	6,162	5,934	5,404	5,279	5,060	4,921	36,919	30,252	22.0
Commercial	6,543	6,494	6,155	5,879	5,624	5,851	41,157	37,069	11.0
Health care	3,577	3,580	3,468	3,304	3,375	3,616	23,373	22,838	2.3
Educational	8,513	8,749	7,197	6,971	6,542	9,018	49,912	47,622	4.8
Religious	364	342	316	342	299	351	2,189	1,992	9.9
Public safety	686	700	662	651	614	739	4,562	4,860	-6.1
Amusement and recreation	1,906	1,926	1,893	1,798	1,666	1,832	12,183	11,069	10.1
Transportation	3,910	3,915	3,681	3,385	3,332	4,106	24,271	24,867	-2.4
Communication	1,557	1,627	1,560	1,470	1,492	1,799	10,595	10,794	-1.8
Power	8,011	8,345	8,153	7,802	7,402	8,025	54,584	51,511	6.0
Highway and street	9,636	9,202	7,520	6,130	5,252	10,079	46,800	45,672	2.5
Sewage and waste disposal	1,908	1,921	1,883	1,920	1,819	2,233	13,009	13,687	-5.0
Water supply	1,097	1,092	1,028	974	938	1,222	6,860	7,498	-8.5
Conservation and development	622	666	644	612	623	709	4,343	4,428	-1.9
Manufacturing	6,340	6,268	6,212	5,977	6,186	6,769	42,520	43,675	-2.6
Total Private Construction¹	78,455	77,136	73,779	70,317	68,585	75,493	489,479	455,199	7.5
Residential	41,889	41,000	38,933	37,008	36,132	41,200	255,558	239,779	6.6
New single family	21,998	21,239	20,345	19,586	19,142	21,658	135,888	124,750	8.9
New multi-family	5,042	5,272	5,122	4,940	4,982	4,293	34,399	28,298	21.6
Nonresidential	36,566	36,136	34,846	33,309	32,452	34,293	233,921	215,420	8.6
Lodging	2,378	2,370	2,343	2,158	2,093	1,826	15,036	11,537	30.3
Office	5,512	5,260	4,753	4,661	4,466	4,222	32,582	25,618	27.2
Commercial	6,340	6,230	5,875	5,605	5,328	5,598	39,343	35,741	10.1
Health care	2,849	2,861	2,790	2,593	2,636	2,900	18,517	17,898	3.5
Educational	1,695	1,704	1,616	1,510	1,414	1,640	10,566	9,778	8.1
Religious	364	342	316	342	299	351	2,189	1,988	10.1
Amusement and recreation	1,003	1,009	969	933	911	885	6,476	5,290	22.4
Transportation	1,152	1,132	1,093	1,033	837	1,216	6,828	7,275	-6.1
Communication	1,545	1,615	1,545	1,462	1,477	1,785	10,509	10,702	-1.8
Power	7,358	7,314	7,305	7,017	6,799	7,039	49,217	45,437	8.3
Manufacturing	6,292	6,215	6,162	5,917	6,132	6,699	42,132	43,303	-2.7
Total Public Construction²	27,214	27,555	23,842	21,891	20,399	29,465	158,205	157,896	0.2
Residential	557	542	542	515	503	607	3,605	3,643	-1.0
Nonresidential	26,657	27,013	23,300	21,376	19,897	28,858	154,601	154,253	0.2
Office	650	674	651	617	594	700	4,337	4,634	-6.4
Commercial	203	264	280	275	296	254	1,814	1,328	36.6
Health care	728	719	678	711	739	716	4,856	4,940	-1.7
Educational	6,818	7,045	5,582	5,461	5,128	7,379	39,347	37,844	4.0
Public safety	681	694	656	646	607	727	4,521	4,698	-3.8
Amusement and recreation	903	917	924	865	755	947	5,707	5,780	-1.3
Transportation	2,757	2,783	2,588	2,352	2,495	2,890	17,443	17,592	-0.8
Power	654	1,031	848	785	603	985	5,367	6,075	-11.7
Highway and street	9,619	9,175	7,489	6,104	5,237	10,035	46,658	45,486	2.6
Sewage and waste disposal	1,873	1,891	1,855	1,891	1,795	2,215	12,798	13,568	-5.7
Water supply	1,081	1,078	1,015	962	927	1,170	6,770	7,180	-5.7
Conservation and development	615	658	640	608	617	701	4,302	4,359	-1.3

^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.

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	0.7	0.8	0.9	1.4
Residential	4.5	4.2	4.9	2.1	5.7
Nonresidential	0.9	0.7	0.8	0.9	1.4
Lodging	2.1	1.7	2.6	1.0	2.8
Office	2.5	2.2	2.4	1.8	3.4
Commercial	3.1	3.3	3.5	3.5	9.2
Health care	2.0	1.9	2.7	1.4	3.1
Educational	2.1	1.5	2.2	2.0	3.1
Religious	7.3	6.1	7.7	5.0	9.8
Public safety	3.2	2.3	2.7	2.4	3.6
Amusement and recreation	3.4	2.5	3.5	2.6	4.2
Transportation	2.0	1.3	1.8	1.5	2.6
Communication	NA	NA	NA	NA	NA
Power	0.5	0.3	0.4	0.4	0.4
Highway and street	3.6	2.1	2.8	4.0	4.0
Sewage and waste disposal	3.6	2.7	3.6	3.1	3.8
Water supply	4.3	2.8	4.3	3.7	5.7
Conservation and development	3.6	3.3	4.1	1.9	3.5
Manufacturing	0.9	0.8	0.9	0.6	1.2
Total Private Construction	0.9	0.9	1.0	0.9	2.1
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	6.1	5.7	5.0	1.6	4.2
Nonresidential	0.9	0.9	1.0	0.9	2.1
Lodging	2.1	1.7	2.6	1.0	2.9
Office	2.9	2.5	2.8	2.0	4.0
Commercial	3.1	3.4	3.6	3.7	9.7
Health care	2.5	2.3	3.4	1.6	3.9
Educational	3.1	2.5	3.5	2.3	4.0
Religious	7.3	6.1	7.7	5.0	9.8
Amusement and recreation	3.4	2.9	4.4	2.1	4.9
Transportation	5.9	4.5	4.9	2.4	8.1
Communication	NA	NA	NA	NA	NA
Power	0.4	0.3	0.2	0.4	0.3
Manufacturing	0.9	0.8	0.9	0.6	1.3
Total Public Construction	1.5	0.9	1.2	1.6	1.8
Residential	4.5	4.2	4.9	2.1	5.7
Nonresidential	1.5	0.9	1.2	1.6	1.8
Office	3.2	2.4	3.4	3.2	4.8
Commercial	14.6	11.5	14.9	5.1	10.6
Health care	3.0	2.5	3.1	2.9	4.2
Educational	2.5	1.7	2.6	2.4	3.6
Public safety	3.2	2.4	2.8	2.4	3.7
Amusement and recreation	5.7	4.1	5.2	4.9	6.3
Transportation	2.0	1.4	1.9	1.6	2.7
Power	4.6	3.2	3.4	1.5	3.6
Highway and street	3.6	2.1	2.8	3.9	4.0
Sewage and waste disposal	3.6	2.7	3.6	3.2	3.8
Water supply	4.4	2.8	4.6	3.7	6.0
Conservation and development	3.6	3.3	4.1	1.9	3.5

NA Not applicable