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## OCTOBER 2015 CONSTRUCTION AT \$1,107.4 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during October 2015 was estimated at a seasonally adjusted annual rate of \$1,107.4 billion, 1.0 percent ( $\pm 1.8\%$ )\* above the revised September estimate of \$1,096.6 billion. The October figure is 13.0 percent ( $\pm 2.5\%$ ) above the October 2014 estimate of \$979.6 billion.

During the first 10 months of this year, construction spending amounted to \$888.1 billion, 10.7 percent ( $\pm 1.3\%$ ) above the \$802.3 billion for the same period in 2014.

### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$802.4 billion, 0.8 percent ( $\pm 1.0\%$ )\* above the revised September estimate of \$795.8 billion. Residential construction was at a seasonally adjusted annual rate of \$399.0 billion in October, 1.0 percent ( $\pm 1.3\%$ )\* above the revised September estimate of \$395.0 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$403.4 billion in October, 0.6 percent ( $\pm 1.0\%$ )\* above the revised September estimate of \$400.8 billion.

### PUBLIC CONSTRUCTION

In October, the estimated seasonally adjusted annual rate of public construction spending was \$304.9 billion, 1.4 percent ( $\pm 3.0\%$ )\* above the revised September estimate of \$300.8 billion. Educational construction was at a seasonally adjusted annual rate of \$69.2 billion, nearly the same as ( $\pm 2.8\%$ )\* the revised September estimate of \$69.2 billion. Highway construction was at a seasonally adjusted annual rate of \$94.1 billion, 1.1 percent ( $\pm 7.1\%$ )\* above the revised September estimate of \$93.1 billion.

***November 2015 data will be released on January 4, 2016 at 10:00 A.M. EST.***

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

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

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### 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 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, 0.75 percent; private construction, 0.86 percent; and public construction, 1.22 percent.

\* 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	Oct 2015 <sup>p</sup>	Sep 2015 <sup>r</sup>	Aug 2015 <sup>r</sup>	Jul 2015	Jun 2015	Oct 2014	Percent change Oct 2015 from -	
							Sep 2015	Oct 2014
<b>Total Construction</b>	<b>1,107,381</b>	<b>1,096,637</b>	<b>1,089,801</b>	<b>1,080,358</b>	<b>1,074,314</b>	<b>979,573</b>	<b>1.0</b>	<b>13.0</b>
Residential	405,604	401,658	395,401	388,681	382,553	347,242	1.0	16.8
Nonresidential	701,776	694,979	694,400	691,677	691,761	632,332	1.0	11.0
Lodging	22,657	22,754	22,791	21,638	22,782	17,486	-0.4	29.6
Office	57,774	57,464	57,745	57,701	57,170	50,119	0.5	15.3
Commercial	66,869	67,203	66,691	66,153	65,408	68,364	-0.5	-2.2
Health care	41,764	41,229	41,134	40,588	40,926	39,377	1.3	6.1
Educational	88,243	87,865	86,172	87,668	87,699	80,662	0.4	9.4
Religious	3,592	3,717	3,533	3,466	3,351	3,258	-3.4	10.3
Public safety	9,959	8,604	9,198	9,337	9,118	10,182	15.7	-2.2
Amusement and recreation	21,765	21,826	21,811	21,826	23,909	17,534	-0.3	24.1
Transportation	45,709	45,319	44,754	45,005	45,740	43,879	0.9	4.2
Communication	19,665	18,333	18,888	18,813	18,814	16,493	7.3	19.2
Power	89,521	91,266	93,675	91,790	89,213	85,154	-1.9	5.1
Highway and street	94,416	93,374	93,052	91,793	91,685	89,095	1.1	6.0
Sewage and waste disposal	25,325	25,491	25,098	26,027	26,279	23,847	-0.7	6.2
Water supply	14,353	14,011	14,117	14,212	14,939	13,728	2.4	4.6
Conservation and development	9,315	8,303	8,845	8,489	7,824	8,500	12.2	9.6
Manufacturing	90,849	88,221	86,897	87,172	86,903	64,654	3.0	40.5
<b>Total Private Construction<sup>1</sup></b>	<b>802,435</b>	<b>795,841</b>	<b>788,698</b>	<b>781,249</b>	<b>773,489</b>	<b>692,127</b>	<b>0.8</b>	<b>15.9</b>
Residential	399,036	395,021	388,636	382,063	376,055	342,114	1.0	16.6
New single family	226,183	222,658	219,790	217,246	213,864	203,059	1.6	11.4
New multi-family	58,389	57,559	54,421	50,327	52,055	45,653	1.4	27.9
Nonresidential	403,399	400,820	400,062	399,186	397,434	350,013	0.6	15.3
Lodging	22,131	22,093	22,184	21,074	22,284	16,993	0.2	30.2
Office	49,632	49,469	49,616	49,533	49,311	42,536	0.3	16.7
Commercial	63,659	64,367	63,682	63,336	62,627	66,082	-1.1	-3.7
Health care	31,934	31,805	32,040	31,633	31,944	29,071	0.4	9.8
Educational	19,048	18,701	18,131	18,569	18,214	16,843	1.9	13.1
Religious	3,581	3,702	3,520	3,460	3,342	3,242	-3.3	10.5
Amusement and recreation	10,931	10,959	11,059	11,089	11,630	8,097	-0.3	35.0
Transportation	13,351	13,337	12,961	13,355	13,233	12,314	0.1	8.4
Communication	19,395	18,128	18,710	18,633	18,615	16,298	7.0	19.0
Power	78,231	79,354	80,513	80,416	78,518	72,795	-1.4	7.5
Manufacturing	90,079	87,464	86,229	86,332	86,169	64,130	3.0	40.5
<b>Total Public Construction<sup>2</sup></b>	<b>304,946</b>	<b>300,797</b>	<b>301,103</b>	<b>299,109</b>	<b>300,825</b>	<b>287,446</b>	<b>1.4</b>	<b>6.1</b>
Residential	6,569	6,638	6,765	6,618	6,498	5,128	-1.0	28.1
Nonresidential	298,377	294,159	294,338	292,491	294,327	282,319	1.4	5.7
Office	8,142	7,995	8,129	8,167	7,859	7,583	1.8	7.4
Commercial	3,210	2,836	3,009	2,817	2,781	2,282	13.2	40.7
Health care	9,830	9,424	9,094	8,955	8,983	10,306	4.3	-4.6
Educational	69,195	69,164	68,041	69,098	69,485	63,818	0.0	8.4
Public safety	9,768	8,399	8,963	9,082	8,836	9,857	16.3	-0.9
Amusement and recreation	10,834	10,867	10,752	10,738	12,279	9,437	-0.3	14.8
Transportation	32,359	31,982	31,793	31,650	32,507	31,565	1.2	2.5
Power	11,290	11,912	13,162	11,373	10,695	12,359	-5.2	-8.6
Highway and street	94,072	93,054	92,777	91,135	91,206	88,781	1.1	6.0
Sewage and waste disposal	25,077	25,239	24,860	25,840	26,095	23,636	-0.6	6.1
Water supply	13,819	13,484	13,549	13,659	14,414	13,148	2.5	5.1
Conservation and development	9,204	8,166	8,743	8,387	7,745	8,319	12.7	10.6

<sup>p</sup>Preliminary <sup>r</sup>Revised<sup>1</sup>Includes the following categories of private construction not shown separately:  
public safety, highway and street, sewage and waste disposal, water supply, and conservation and development.<sup>2</sup>Includes 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	Oct 2015 <sup>p</sup>	Sep 2015 <sup>r</sup>	Aug 2015 <sup>r</sup>	Jul 2015	Jun 2015	Oct 2014	Year-to-date		
							Oct 2015	Oct 2014	Percent change
<b>Total Construction</b>	<b>101,109</b>	<b>102,128</b>	<b>101,740</b>	<b>99,053</b>	<b>97,465</b>	<b>90,536</b>	<b>888,119</b>	<b>802,289</b>	<b>10.7</b>
Residential	37,343	37,180	37,184	36,065	35,350	32,085	324,626	287,548	12.9
Nonresidential	63,766	64,948	64,557	62,989	62,115	58,451	563,493	514,741	9.5
Lodging	1,973	1,934	1,912	1,805	1,885	1,533	17,250	13,149	31.2
Office	5,121	5,152	4,998	4,893	4,880	4,466	45,997	37,703	22.0
Commercial	6,090	6,177	5,981	5,826	5,773	6,231	55,521	51,326	8.2
Health care	3,630	3,683	3,506	3,469	3,490	3,421	33,642	31,934	5.3
Educational	7,376	8,015	8,884	8,956	8,559	6,790	72,001	67,816	6.2
Religious	321	341	317	295	277	292	2,833	2,693	5.2
Public safety	818	842	787	774	791	856	7,462	7,838	-4.8
Amusement and recreation	1,995	1,969	1,947	1,891	2,048	1,616	17,452	13,630	28.0
Transportation	4,249	4,259	4,149	4,016	4,073	4,066	37,259	34,500	8.0
Communication	1,729	1,618	1,586	1,618	1,662	1,493	15,108	13,996	7.9
Power	8,022	7,797	7,885	7,693	7,579	8,120	72,563	86,105	-15.7
Highway and street	10,141	10,813	10,868	10,164	9,278	9,642	76,955	71,560	7.5
Sewage and waste disposal	2,409	2,422	2,331	2,312	2,381	2,280	21,193	19,124	10.8
Water supply	1,319	1,271	1,296	1,259	1,310	1,260	11,532	11,074	4.1
Conservation and development	754	877	781	724	660	704	6,924	6,044	14.6
Manufacturing	7,821	7,777	7,331	7,295	7,470	5,681	69,802	46,251	50.9
<b>Total Private Construction<sup>1</sup></b>	<b>72,474</b>	<b>71,818</b>	<b>70,914</b>	<b>69,562</b>	<b>68,918</b>	<b>63,408</b>	<b>640,558</b>	<b>570,013</b>	<b>12.4</b>
Residential	36,762	36,564	36,579	35,470	34,750	31,626	319,200	283,373	12.6
New single family	20,618	20,802	20,624	20,109	19,122	18,521	181,383	159,729	13.6
New multi-family	4,974	4,877	4,727	4,332	4,601	3,911	43,079	34,329	25.5
Nonresidential	35,713	35,254	34,335	34,092	34,168	31,782	321,358	286,640	12.1
Lodging	1,930	1,879	1,861	1,758	1,844	1,492	16,822	12,794	31.5
Office	4,425	4,412	4,298	4,189	4,183	3,818	39,271	31,318	25.4
Commercial	5,802	5,897	5,712	5,595	5,530	6,044	53,384	49,726	7.4
Health care	2,821	2,801	2,740	2,709	2,711	2,574	26,073	23,608	10.4
Educational	1,572	1,568	1,674	1,735	1,734	1,395	14,910	14,091	5.8
Religious	320	340	316	294	277	291	2,825	2,687	5.1
Amusement and recreation	980	958	937	951	967	721	8,453	6,045	39.8
Transportation	1,255	1,204	1,168	1,200	1,183	1,167	10,797	9,539	13.2
Communication	1,706	1,601	1,571	1,603	1,645	1,477	14,960	13,847	8.0
Power	7,018	6,745	6,654	6,682	6,559	7,020	63,349	76,060	-16.7
Manufacturing	7,757	7,713	7,275	7,225	7,409	5,637	69,253	45,801	51.2
<b>Total Public Construction<sup>2</sup></b>	<b>28,634</b>	<b>30,310</b>	<b>30,826</b>	<b>29,492</b>	<b>28,548</b>	<b>27,127</b>	<b>247,560</b>	<b>232,276</b>	<b>6.6</b>
Residential	581	616	605	595	600	458	5,426	4,175	30.0
Nonresidential	28,053	29,694	30,221	28,897	27,947	26,669	242,134	228,101	6.2
Office	696	740	700	704	697	649	6,727	6,384	5.4
Commercial	288	280	269	232	243	187	2,137	1,599	33.6
Health care	809	883	765	760	779	847	7,569	8,326	-9.1
Educational	5,804	6,447	7,210	7,221	6,826	5,395	57,091	53,724	6.3
Public safety	801	825	768	753	766	827	7,226	7,676	-5.9
Amusement and recreation	1,016	1,011	1,010	940	1,081	896	9,000	7,585	18.7
Transportation	2,994	3,055	2,981	2,816	2,891	2,899	26,462	24,961	6.0
Power	1,004	1,053	1,231	1,011	1,020	1,100	9,215	10,045	-8.3
Highway and street	10,109	10,780	10,841	10,103	9,245	9,611	76,659	71,410	7.4
Sewage and waste disposal	2,386	2,399	2,310	2,296	2,364	2,261	21,014	18,919	11.1
Water supply	1,271	1,221	1,242	1,211	1,264	1,207	11,080	10,614	4.4
Conservation and development	745	866	772	715	653	688	6,824	5,897	15.7

<sup>p</sup>Preliminary <sup>r</sup>Revised<sup>1</sup>Includes the following categories of private construction not shown separately:  
public safety, highway and street, sewage and waste disposal, water supply, and conservation and development.<sup>2</sup>Includes 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
<b>Total Construction</b>	<b>0.8</b>	<b>0.5</b>	<b>0.8</b>	<b>1.1</b>	<b>1.5</b>
Residential	5.4	5.2	4.8	3.6	6.2
Nonresidential	0.8	0.5	0.8	1.1	1.5
Lodging	2.5	2.0	4.0	1.5	3.8
Office	2.0	2.1	2.9	1.3	2.6
Commercial	2.4	1.5	2.8	1.6	3.2
Health care	2.0	1.7	2.1	1.1	2.5
Educational	2.1	1.3	2.0	1.5	2.9
Religious	7.0	4.9	6.6	6.6	10.6
Public safety	3.1	2.3	2.7	2.9	6.6
Amusement and recreation	3.6	2.6	4.0	2.2	4.8
Transportation	2.5	1.7	2.2	2.3	3.6
Communication	NA	NA	NA	NA	NA
Power	0.5	0.4	0.4	1.2	1.7
Highway and street	3.3	1.4	2.5	4.3	6.1
Sewage and waste disposal	3.7	2.6	3.3	3.3	4.8
Water supply	4.8	2.8	3.5	3.7	6.6
Conservation and development	3.4	2.9	3.7	2.3	3.4
Manufacturing	0.8	0.8	1.3	0.4	1.2
<b>Total Private Construction</b>	<b>0.8</b>	<b>0.7</b>	<b>1.0</b>	<b>0.6</b>	<b>1.2</b>
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	6.0	5.6	5.4	4.3	7.4
Nonresidential	0.8	0.7	1.0	0.6	1.2
Lodging	2.5	2.0	4.1	1.6	3.9
Office	2.3	2.5	3.5	1.5	3.0
Commercial	2.3	1.5	2.8	1.6	3.0
Health care	2.4	2.1	2.8	1.3	3.2
Educational	3.0	2.3	3.7	2.4	4.1
Religious	7.0	5.0	6.6	6.6	10.6
Amusement and recreation	4.0	2.9	5.0	2.3	5.5
Transportation	6.8	5.4	5.1	10.8	11.8
Communication	NA	NA	NA	NA	NA
Power	0.4	0.3	0.3	1.2	1.7
Manufacturing	0.8	0.8	1.3	0.4	1.2
<b>Total Public Construction</b>	<b>1.4</b>	<b>0.7</b>	<b>1.1</b>	<b>1.8</b>	<b>2.6</b>
Residential	5.4	5.2	4.8	3.6	6.2
Nonresidential	1.4	0.7	1.1	1.8	2.6
Office	3.4	2.9	3.4	2.3	4.1
Commercial	11.3	11.0	14.0	10.8	34.9
Health care	2.9	2.4	2.2	1.6	2.8
Educational	2.5	1.6	2.4	1.7	3.6
Public safety	3.2	2.4	2.7	2.9	6.9
Amusement and recreation	5.6	4.0	5.9	3.3	7.4
Transportation	2.6	1.7	2.4	2.3	3.7
Power	4.2	2.8	4.1	6.0	6.2
Highway and street	3.3	1.4	2.5	4.3	6.1
Sewage and waste disposal	3.7	2.6	3.4	3.3	4.8
Water supply	5.0	2.9	3.7	3.8	6.9
Conservation and development	3.4	2.9	3.7	2.3	3.4

NA Not applicable