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OCTOBER 2011 CONSTRUCTION AT \$798.5 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during October 2011 was estimated at a seasonally adjusted annual rate of \$798.5 billion, 0.8 percent ($\pm 1.6\%$)* above the revised September estimate of \$792.1 billion. The October figure is 0.4 percent ($\pm 1.9\%$)* below the October 2010 estimate of \$802.0 billion.

During the first 10 months of this year, construction spending amounted to \$655.5 billion, 2.9 percent ($\pm 1.1\%$) below the \$675.4 billion for the same period in 2010.

PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$518.6 billion, 2.3 percent ($\pm 1.1\%$) above the revised September estimate of \$507.1 billion. Residential construction was at a seasonally adjusted annual rate of \$239.0 billion in October, 3.4 percent ($\pm 1.3\%$) above the revised September estimate of \$231.2 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$279.6 billion in October, 1.3 percent ($\pm 1.1\%$) above the revised September estimate of \$275.9 billion.

PUBLIC CONSTRUCTION

In October, the estimated seasonally adjusted annual rate of public construction spending was \$279.9 billion, 1.8 percent ($\pm 2.4\%$)* below the revised September estimate of \$285.0 billion. Educational construction was at a seasonally adjusted annual rate of \$72.2 billion, 1.8 percent ($\pm 4.3\%$)* below the revised September estimate of \$73.6 billion. Highway construction was at a seasonally adjusted annual rate of \$80.1 billion, 0.4 percent ($\pm 5.6\%$)* below the revised September estimate of \$80.5 billion.

November 2011 data will be released on January 3, 2012 at 10:00 A.M. EST.

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

<http://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, 1.1 percent; private construction, 1.6 percent; and public construction, 1.3 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 2011 ^P	Sep 2011 ^r	Aug 2011 ^r	Jul 2011	Jun 2011	Oct 2010	Percent change Oct 2011 from -	
							Sep 2011	Oct 2010
Total Construction	798,530	792,107	790,277	773,296	799,568	801,995	0.8	-0.4
Residential	247,296	239,690	238,307	232,925	252,273	245,891	3.2	0.6
Nonresidential	551,234	552,417	551,971	540,371	547,295	556,104	-0.2	-0.9
Lodging	8,284	8,614	8,534	8,387	8,792	10,018	-3.8	-17.3
Office	34,773	34,339	34,229	34,172	35,456	36,467	1.3	-4.6
Commercial	43,664	43,979	46,001	46,032	45,494	39,691	-0.7	10.0
Health care	39,020	40,709	40,594	41,635	41,594	40,580	-4.1	-3.8
Educational	86,438	87,822	85,934	84,366	85,107	84,279	-1.6	2.6
Religious	4,046	4,111	4,235	4,007	3,824	4,990	-1.6	-18.9
Public safety	9,345	9,530	10,238	9,606	10,279	10,397	-1.9	-10.1
Amusement and recreation	15,605	16,020	15,574	15,452	15,332	16,989	-2.6	-8.1
Transportation	34,741	35,070	35,787	34,165	35,956	37,502	-0.9	-7.4
Communication	17,450	18,181	17,756	18,417	18,306	18,200	-4.0	-4.1
Power	95,760	91,073	89,949	88,367	88,976	85,058	5.1	12.6
Highway and street	80,186	80,520	78,628	75,989	76,369	87,432	-0.4	-8.3
Sewage and waste disposal	22,637	22,734	22,700	22,760	23,070	27,068	-0.4	-16.4
Water supply	13,985	14,221	14,529	14,238	13,180	15,578	-1.7	-10.2
Conservation and development	6,913	6,493	7,043	6,710	7,126	7,962	6.5	-13.2
Manufacturing	38,388	39,000	40,239	36,070	38,435	33,895	-1.6	13.3
Total Private Construction¹	518,598	507,116	506,059	495,951	515,855	492,895	2.3	5.2
Residential	238,990	231,216	229,889	225,270	243,939	234,955	3.4	1.7
New single family	107,546	106,934	106,600	105,726	105,226	106,439	0.6	1.0
New multi-family	14,944	15,059	15,724	14,960	14,011	14,002	-0.8	6.7
Nonresidential	279,608	275,901	276,171	270,681	271,916	257,941	1.3	8.4
Lodging	7,757	7,982	7,888	7,784	8,122	9,473	-2.8	-18.1
Office	23,726	23,031	22,740	23,152	23,539	23,556	3.0	0.7
Commercial	40,563	40,419	42,281	42,511	41,965	36,258	0.4	11.9
Health care	29,552	30,135	29,605	30,400	30,307	30,562	-1.9	-3.3
Educational	14,202	14,251	13,844	14,054	13,860	12,455	-0.3	14.0
Religious	4,012	4,080	4,191	3,985	3,797	4,956	-1.7	-19.0
Amusement and recreation	7,146	7,471	6,952	6,718	6,475	6,131	-4.4	16.6
Transportation	11,597	11,304	10,971	10,642	10,601	10,466	2.6	10.8
Communication	17,309	17,981	17,653	18,315	18,235	18,161	-3.7	-4.7
Power	84,492	79,855	79,267	76,235	75,869	71,483	5.8	18.2
Manufacturing	37,775	37,929	39,475	35,435	37,659	33,164	-0.4	13.9
Total Public Construction²	279,932	284,990	284,218	277,345	283,713	309,100	-1.8	-9.4
Residential	8,306	8,474	8,418	7,655	8,334	10,936	-2.0	-24.0
Nonresidential	271,627	276,516	275,800	269,690	275,379	298,164	-1.8	-8.9
Office	11,047	11,308	11,489	11,019	11,917	12,911	-2.3	-14.4
Commercial	3,101	3,561	3,720	3,520	3,529	3,433	-12.9	-9.7
Health care	9,468	10,574	10,989	11,235	11,287	10,019	-10.5	-5.5
Educational	72,236	73,571	72,090	70,312	71,246	71,824	-1.8	0.6
Public safety	9,185	9,378	10,044	9,423	10,072	10,288	-2.1	-10.7
Amusement and recreation	8,459	8,549	8,622	8,734	8,857	10,857	-1.1	-22.1
Transportation	23,144	23,767	24,817	23,523	25,355	27,036	-2.6	-14.4
Power	11,268	11,218	10,682	12,131	13,108	13,575	0.4	-17.0
Highway and street	80,136	80,481	78,593	75,970	76,360	87,345	-0.4	-8.3
Sewage and waste disposal	22,124	22,224	22,204	22,262	22,509	26,706	-0.4	-17.2
Water supply	13,335	13,557	14,007	13,535	12,508	14,876	-1.6	-10.4
Conservation and development	6,809	6,396	6,986	6,665	7,089	7,946	6.5	-14.3

^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	Oct 2011 ^P	Sep 2011 ^r	Aug 2011 ^r	Jul 2011	Jun 2011	Oct 2010	Year-to-date		
							Oct 2011	Oct 2010	Percent change
Total Construction	73,622	73,628	75,838	70,562	72,357	73,379	655,541	675,392	-2.9
Residential	23,555	21,602	23,360	21,682	22,958	23,118	205,775	211,099	-2.5
Nonresidential	50,066	52,027	52,477	48,880	49,400	50,260	449,765	464,293	-3.1
Lodging	690	718	711	699	733	835	7,077	9,658	-26.7
Office	2,977	3,154	3,001	2,892	3,101	3,103	28,713	31,789	-9.7
Commercial	3,845	4,041	4,174	4,105	4,066	3,471	36,322	34,251	6.0
Health care	3,351	3,634	3,501	3,454	3,563	3,477	33,177	33,116	0.2
Educational	7,232	8,086	8,836	8,379	8,215	7,041	71,785	75,616	-5.1
Religious	366	364	371	336	319	447	3,483	4,364	-20.2
Public safety	783	923	893	812	888	865	8,158	9,449	-13.7
Amusement and recreation	1,381	1,460	1,381	1,333	1,343	1,503	12,900	14,212	-9.2
Transportation	3,184	3,253	3,341	3,040	3,106	3,473	29,783	32,037	-7.0
Communication	1,467	1,578	1,585	1,460	1,616	1,539	14,526	14,745	-1.5
Power	9,101	7,817	7,891	7,517	7,671	7,976	71,444	61,943	15.3
Highway and street	8,376	9,436	9,205	8,001	7,649	9,027	66,157	70,124	-5.7
Sewage and waste disposal	2,126	2,146	2,115	1,993	2,049	2,534	19,244	21,883	-12.1
Water supply	1,275	1,278	1,349	1,260	1,165	1,422	11,796	12,843	-8.2
Conservation and development	528	697	636	548	612	568	5,864	5,654	3.7
Manufacturing	3,383	3,443	3,488	3,054	3,302	2,979	29,339	32,608	-10.0
Total Private Construction¹	48,066	44,808	46,945	44,125	45,781	45,262	417,057	419,132	-0.5
Residential	22,865	20,767	22,617	21,024	22,194	22,214	198,690	202,867	-2.1
New single family	9,795	10,015	10,092	9,901	9,492	9,670	89,130	95,445	-6.6
New multi-family	1,276	1,292	1,408	1,309	1,230	1,188	12,087	12,376	-2.3
Nonresidential	25,201	24,040	24,328	23,101	23,587	23,048	218,367	216,265	1.0
Lodging	646	665	657	649	677	789	6,613	9,344	-29.2
Office	2,076	2,025	1,980	1,953	2,043	2,038	18,908	20,512	-7.8
Commercial	3,600	3,671	3,839	3,821	3,761	3,202	33,469	31,892	4.9
Health care	2,591	2,648	2,565	2,541	2,610	2,669	24,285	25,233	-3.8
Educational	1,187	1,219	1,317	1,288	1,318	1,034	11,390	11,357	0.3
Religious	363	361	367	334	317	445	3,458	4,320	-20.0
Amusement and recreation	615	636	586	568	544	530	5,357	5,484	-2.3
Transportation	1,060	997	997	934	891	965	8,915	8,123	9.8
Communication	1,456	1,561	1,577	1,451	1,610	1,536	14,459	14,713	-1.7
Power	8,133	6,765	6,897	6,438	6,451	6,797	61,552	52,006	18.4
Manufacturing	3,332	3,354	3,425	3,001	3,238	2,918	28,764	32,072	-10.3
Total Public Construction²	25,556	28,821	28,892	26,437	26,577	28,117	238,484	256,260	-6.9
Residential	691	835	743	659	764	905	7,086	8,233	-13.9
Nonresidential	24,865	27,986	28,149	25,778	25,813	27,212	231,398	248,027	-6.7
Office	901	1,129	1,021	938	1,057	1,065	9,805	11,277	-13.1
Commercial	245	370	335	284	305	269	2,853	2,360	20.9
Health care	760	986	936	913	953	809	8,892	7,883	12.8
Educational	6,045	6,866	7,519	7,091	6,898	6,007	60,394	64,259	-6.0
Public safety	769	910	875	796	870	856	8,010	9,254	-13.4
Amusement and recreation	767	824	795	764	799	973	7,543	8,728	-13.6
Transportation	2,125	2,256	2,344	2,105	2,215	2,509	20,869	23,914	-12.7
Power	969	1,053	994	1,079	1,220	1,180	9,892	9,937	-0.5
Highway and street	8,371	9,432	9,201	7,999	7,649	9,019	66,127	70,032	-5.6
Sewage and waste disposal	2,080	2,099	2,070	1,952	1,995	2,502	18,780	21,539	-12.8
Water supply	1,206	1,211	1,298	1,200	1,114	1,347	11,287	12,289	-8.2
Conservation and development	519	689	631	544	609	566	5,817	5,630	3.3

^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 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	1.0	0.6	0.7	1.0	1.2
Residential	3.4	2.5	1.8	2.5	3.5
Nonresidential	1.0	0.6	0.7	1.0	1.2
Lodging	5.1	3.6	2.7	1.7	3.5
Office	2.6	2.2	1.9	1.7	3.0
Commercial	3.5	2.5	3.1	2.3	3.6
Health care	2.0	1.4	1.6	1.3	2.5
Educational	2.2	1.7	2.0	2.4	2.8
Religious	6.8	5.2	4.2	5.1	6.2
Public safety	3.3	2.5	2.4	2.5	3.4
Amusement and recreation	4.0	2.6	3.0	2.5	4.5
Transportation	2.6	1.8	1.9	2.0	2.6
Communication	NA	NA	NA	NA	NA
Power	0.6	0.4	0.8	0.4	0.8
Highway and street	3.7	1.7	2.2	3.5	4.3
Sewage and waste disposal	3.3	2.4	2.3	3.2	4.0
Water supply	3.9	2.5	3.1	3.5	4.8
Conservation and development	2.7	2.0	2.1	3.3	3.2
Manufacturing	1.7	1.5	2.2	1.4	2.1
Total Private Construction	1.1	0.8	0.9	0.7	1.3
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	10.9	10.2	5.6	3.2	9.4
Nonresidential	1.1	0.8	0.9	0.7	1.3
Lodging	5.4	3.8	2.7	1.8	3.5
Office	4.0	3.3	3.0	2.4	4.6
Commercial	3.9	2.6	3.3	2.5	4.0
Health care	2.6	1.9	2.0	1.6	3.3
Educational	3.6	2.9	3.8	2.4	4.7
Religious	6.8	5.2	4.3	5.2	6.2
Amusement and recreation	4.1	4.0	4.7	2.4	7.3
Transportation	6.5	4.4	9.3	2.6	11.2
Communication	NA	NA	NA	NA	NA
Power	0.4	0.4	0.4	0.3	0.3
Manufacturing	1.8	1.6	2.3	1.5	2.1
Total Public Construction	1.3	0.7	0.9	1.5	1.7
Residential	3.4	2.5	1.8	2.5	3.5
Nonresidential	1.4	0.8	1.0	1.5	1.7
Office	2.7	1.8	1.9	2.1	3.0
Commercial	7.9	6.3	7.9	3.8	5.5
Health care	2.8	1.9	2.4	1.9	2.5
Educational	2.5	1.9	2.3	2.7	3.1
Public safety	3.4	2.5	2.4	2.5	3.4
Amusement and recreation	5.7	3.4	3.7	3.7	5.4
Transportation	2.8	2.0	2.0	2.2	2.6
Power	4.4	2.4	7.5	3.4	6.9
Highway and street	3.7	1.7	2.2	3.5	4.4
Sewage and waste disposal	3.4	2.4	2.3	3.3	4.0
Water supply	4.1	2.6	3.3	3.6	5.2
Conservation and development	2.7	2.0	2.1	3.4	3.2

NA Not applicable