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SEPTEMBER 2010 CONSTRUCTION AT \$801.7 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during September 2010 was estimated at a seasonally adjusted annual rate of \$801.7 billion, 0.5 percent ($\pm 1.9\%$)* above the revised August estimate of \$797.5 billion. The September figure is 10.4 percent ($\pm 1.9\%$) below the September 2009 estimate of \$894.8 billion.

During the first 9 months of this year, construction spending amounted to \$612.6 billion, 11.2 percent ($\pm 1.0\%$) below the \$689.9 billion for the same period in 2009.

PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$482.0 billion, nearly the same as ($\pm 1.1\%$)* the revised August estimate of \$481.9 billion. Residential construction was at a seasonally adjusted annual rate of \$231.7 billion in September, 1.8 percent ($\pm 1.3\%$) above the revised August estimate of \$227.7 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$250.3 billion in September, 1.6 percent ($\pm 1.1\%$) below the revised August estimate of \$254.3 billion.

PUBLIC CONSTRUCTION

In September, the estimated seasonally adjusted annual rate of public construction spending was \$319.7 billion, 1.3 percent ($\pm 2.6\%$)* above the revised August estimate of \$315.5 billion. Educational construction was at a seasonally adjusted annual rate of \$78.1 billion, 1.6 percent ($\pm 3.5\%$)* above the revised August estimate of \$76.9 billion. Highway construction was at a seasonally adjusted annual rate of \$84.9 billion, 0.1 percent ($\pm 7.0\%$)* below the revised August estimate of \$85.0 billion.

October 2010 data will be released on December 1, 2010 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, 1.2 percent; private construction, 1.9 percent; and public construction, 1.2 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	Sep 2010 ^P	Aug 2010 ^r	Jul 2010 ^r	Jun 2010	May 2010	Sep 2009	Percent change Sep 2010 from -	
							Aug 2010	Sep 2009
Total Construction	801,748	797,457	798,752	820,198	819,702	894,841	0.5	-10.4
Residential	242,181	237,894	247,707	257,802	261,159	255,725	1.8	-5.3
Nonresidential	559,567	559,562	551,045	562,397	558,543	639,116	0.0	-12.4
Lodging	10,466	11,352	11,286	11,388	11,604	22,271	-7.8	-53.0
Office	35,984	35,408	35,424	37,037	37,376	47,657	1.6	-24.5
Commercial	39,267	40,263	40,447	41,210	42,046	49,911	-2.5	-21.3
Health care	40,774	40,049	39,584	39,732	39,530	44,739	1.8	-8.9
Educational	91,404	90,111	89,977	87,693	88,143	98,249	1.4	-7.0
Religious	5,110	5,055	5,078	5,488	5,481	5,946	1.1	-14.1
Public safety	11,934	11,848	11,234	12,345	12,349	13,668	0.7	-12.7
Amusement and recreation	18,134	17,849	17,112	17,167	16,159	18,449	1.6	-1.7
Transportation	41,257	39,641	39,079	40,072	40,706	41,105	4.1	0.4
Communication	17,771	18,201	18,063	17,727	18,321	19,925	-2.4	-10.8
Power	75,312	76,091	75,749	81,622	78,686	91,111	-1.0	-17.3
Highway and street	85,076	85,199	81,048	82,191	80,363	84,670	-0.1	0.5
Sewage and waste disposal	27,601	27,508	26,679	25,819	24,984	24,235	0.3	13.9
Water supply	16,316	16,290	16,441	15,772	15,391	15,156	0.2	7.7
Conservation and development	6,510	6,720	6,432	7,795	6,597	5,186	-3.1	25.5
Manufacturing	36,654	37,977	37,412	39,340	40,808	56,841	-3.5	-35.5
Total Private Construction ¹	482,012	481,934	489,927	510,663	519,118	579,294	0.0	-16.8
Residential	231,715	227,661	237,604	247,698	251,813	247,391	1.8	-6.3
Nonresidential	250,297	254,273	252,323	262,966	267,305	331,902	-1.6	-24.6
Lodging	10,012	10,848	10,794	10,890	11,243	22,194	-7.7	-54.9
Office	22,693	22,703	22,504	23,632	24,317	33,386	0.0	-32.0
Commercial	36,635	37,629	38,004	38,567	39,523	46,094	-2.6	-20.5
Health care	30,035	29,823	29,719	30,250	30,539	34,469	0.7	-12.9
Educational	13,338	13,248	12,980	13,679	13,577	16,250	0.7	-17.9
Religious	5,059	5,024	5,035	5,437	5,430	5,890	0.7	-14.1
Amusement and recreation	6,926	6,642	6,124	6,730	6,232	6,994	4.3	-1.0
Transportation	8,393	8,380	8,518	8,510	8,238	8,899	0.2	-5.7
Communication	17,745	18,170	18,025	17,698	18,209	19,904	-2.3	-10.8
Power	62,490	63,033	62,397	67,737	68,575	80,143	-0.9	-22.0
Manufacturing	35,518	37,300	36,792	38,705	40,197	56,211	-4.8	-36.8
Total Public Construction ²	319,735	315,522	308,825	309,535	300,584	315,548	1.3	1.3
Residential	10,466	10,233	10,103	10,104	9,346	8,334	2.3	25.6
Nonresidential	309,270	305,290	298,722	299,431	291,238	307,214	1.3	0.7
Office	13,291	12,705	12,920	13,405	13,059	14,270	4.6	-6.9
Commercial	2,632	2,634	2,443	2,643	2,523	3,817	-0.1	-31.0
Health care	10,739	10,226	9,865	9,482	8,990	10,270	5.0	4.6
Educational	78,066	76,863	76,997	74,014	74,566	81,999	1.6	-4.8
Public safety	11,740	11,682	11,082	12,171	12,088	13,177	0.5	-10.9
Amusement and recreation	11,208	11,207	10,988	10,437	9,928	11,455	0.0	-2.2
Transportation	32,864	31,261	30,561	31,561	32,467	32,206	5.1	2.0
Power	12,822	13,059	13,353	13,886	10,111	10,967	-1.8	16.9
Highway and street	84,892	84,990	80,881	82,037	80,187	84,528	-0.1	0.4
Sewage and waste disposal	27,160	27,083	26,329	25,447	24,583	23,700	0.3	14.6
Water supply	15,695	15,693	15,744	15,408	15,015	14,883	0.0	5.5
Conservation and development	6,495	6,644	6,366	7,730	6,588	5,158	-2.2	25.9

^P Preliminary ^r Revised

¹ 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.

² 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	Sep 2010 ^P	Aug 2010 ^r	Jul 2010 ^r	Jun 2010	May 2010	Sep 2009	Year-to-date		
							Sep 2010	Sep 2009	Percent change
Total Construction	74,871	76,564	73,980	74,440	69,673	82,355	612,573	689,875	-11.2
Residential	22,183	23,659	23,672	23,755	22,897	23,412	192,026	189,962	1.1
Nonresidential	52,688	52,906	50,308	50,685	46,776	58,943	420,547	499,913	-15.9
Lodging	872	946	941	949	967	1,856	8,958	20,769	-56.9
Office	3,265	3,064	3,017	3,210	3,194	4,296	28,458	41,373	-31.2
Commercial	3,576	3,614	3,575	3,645	3,579	4,572	31,145	43,429	-28.3
Health care	3,572	3,389	3,282	3,432	3,331	3,911	29,713	34,378	-13.6
Educational	8,462	9,209	8,918	8,377	7,371	9,031	68,446	80,557	-15.0
Religious	453	445	437	461	451	533	3,981	4,750	-16.2
Public safety	1,175	1,012	960	1,053	1,001	1,326	9,149	10,680	-14.3
Amusement and recreation	1,674	1,615	1,487	1,500	1,389	1,656	12,660	14,606	-13.3
Transportation	3,813	3,662	3,546	3,505	3,392	3,912	29,664	28,207	5.2
Communication	1,518	1,587	1,500	1,567	1,462	1,723	13,007	14,338	-9.3
Power	6,391	6,598	6,462	6,978	6,498	7,335	58,421	66,103	-11.6
Highway and street	9,879	9,839	8,695	8,324	6,856	9,680	61,285	61,423	-0.2
Sewage and waste disposal	2,594	2,526	2,366	2,272	2,110	2,228	19,096	18,149	5.2
Water supply	1,488	1,487	1,436	1,400	1,314	1,362	11,447	11,649	-1.7
Conservation and development	763	587	541	654	498	574	4,927	4,099	20.2
Manufacturing	3,194	3,328	3,146	3,358	3,364	4,952	30,188	45,404	-33.5
Total Private Construction ¹	42,709	44,857	44,298	45,532	44,391	50,879	382,196	450,676	-15.2
Residential	21,170	22,768	22,782	22,839	22,100	22,608	184,808	184,044	0.4
Nonresidential	21,538	22,089	21,516	22,694	22,291	28,271	197,388	266,631	-26.0
Lodging	834	904	900	908	937	1,850	8,678	20,696	-58.1
Office	1,984	1,958	1,899	2,041	2,091	2,918	18,459	30,230	-38.9
Commercial	3,295	3,382	3,371	3,421	3,372	4,174	29,137	40,607	-28.2
Health care	2,576	2,533	2,476	2,623	2,583	2,955	22,587	27,303	-17.3
Educational	1,147	1,228	1,196	1,263	1,204	1,386	10,496	13,194	-20.4
Religious	449	442	434	457	447	528	3,941	4,741	-16.9
Amusement and recreation	586	561	516	566	528	591	4,745	6,259	-24.2
Transportation	733	743	745	762	705	801	6,127	6,689	-8.4
Communication	1,516	1,585	1,497	1,565	1,452	1,721	12,974	14,310	-9.3
Power	5,176	5,342	5,273	5,688	5,563	6,314	49,552	56,552	-12.4
Manufacturing	3,100	3,271	3,094	3,305	3,313	4,899	29,696	44,989	-34.0
Total Public Construction ²	32,163	31,707	29,682	28,908	25,282	31,476	230,376	239,199	-3.7
Residential	1,013	890	890	917	797	804	7,218	5,918	22.0
Nonresidential	31,150	30,817	28,792	27,991	24,485	30,673	223,159	233,281	-4.3
Office	1,281	1,106	1,118	1,170	1,102	1,378	9,999	11,143	-10.3
Commercial	282	232	204	224	207	398	2,008	2,822	-28.8
Health care	996	856	807	809	749	955	7,126	7,075	0.7
Educational	7,314	7,981	7,722	7,114	6,167	7,645	57,950	67,363	-14.0
Public safety	1,158	997	947	1,038	979	1,281	8,938	10,319	-13.4
Amusement and recreation	1,089	1,055	972	934	861	1,065	7,915	8,346	-5.2
Transportation	3,079	2,919	2,801	2,743	2,687	3,111	23,537	21,518	9.4
Power	1,214	1,256	1,189	1,290	936	1,020	8,868	9,551	-7.2
Highway and street	9,861	9,819	8,681	8,310	6,843	9,667	61,172	61,341	-0.3
Sewage and waste disposal	2,554	2,489	2,336	2,235	2,077	2,182	18,800	17,763	5.8
Water supply	1,422	1,424	1,381	1,374	1,286	1,334	11,096	11,438	-3.0
Conservation and development	761	581	535	648	498	572	4,904	4,077	20.3

^P Preliminary ^r Revised

¹ 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.

² 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
Total Construction	0.9	0.5	0.6	1.2	1.2
Residential	3.7	2.8	4.3	2.7	5.3
Nonresidential	0.9	0.5	0.6	1.2	1.2
Lodging	3.8	3.2	1.5	1.9	1.9
Office	1.9	1.4	1.5	1.5	1.9
Commercial	3.4	2.1	1.8	1.9	3.0
Health care	1.9	1.4	1.6	1.4	2.2
Educational	2.0	1.4	1.7	2.0	2.7
Religious	5.8	4.2	4.6	3.6	6.2
Public safety	3.2	2.4	2.2	2.0	2.9
Amusement and recreation	3.6	2.5	3.0	3.3	4.9
Transportation	2.6	2.2	2.7	2.1	5.1
Communication	NA	NA	NA	NA	NA
Power	0.8	0.8	0.7	1.0	0.8
Highway and street	3.3	1.5	2.3	4.4	5.0
Sewage and waste disposal	2.8	1.7	2.6	2.4	4.0
Water supply	3.5	2.4	3.2	3.6	5.4
Conservation and development	2.9	1.8	3.1	2.6	7.1
Manufacturing	2.1	2.3	1.4	1.0	0.9
Total Private Construction	1.1	0.7	0.7	0.7	0.9
Residential	5.0	1.1	1.3	0.8	1.4
Nonresidential	1.1	0.7	0.7	0.7	0.9
Lodging	3.9	3.3	1.5	1.9	1.9
Office	2.9	2.0	1.7	2.1	2.3
Commercial	3.7	2.3	1.9	2.1	3.3
Health care	2.5	1.9	1.8	1.7	2.7
Educational	3.7	3.0	2.6	2.6	3.4
Religious	5.8	4.3	4.6	3.6	6.3
Amusement and recreation	4.9	3.8	3.9	2.5	6.3
Transportation	10.4	7.0	9.2	6.2	11.3
Communication	NA	NA	NA	NA	NA
Power	0.4	0.4	0.4	0.3	0.6
Manufacturing	2.2	2.4	1.5	1.1	0.9
Total Public Construction	1.2	0.7	1.0	1.6	2.0
Residential	3.7	2.8	4.3	2.7	5.3
Nonresidential	1.2	0.7	1.0	1.7	2.0
Office	2.1	1.7	2.5	1.9	2.7
Commercial	7.4	5.9	4.5	3.2	5.1
Health care	2.4	1.7	2.5	2.0	3.8
Educational	2.3	1.6	2.0	2.2	3.1
Public safety	3.2	2.4	2.2	2.0	3.0
Amusement and recreation	4.8	3.3	4.6	4.6	7.0
Transportation	2.6	2.2	2.9	2.2	5.3
Power	5.9	6.7	6.8	7.1	8.3
Highway and street	3.3	1.5	2.3	4.4	5.0
Sewage and waste disposal	2.9	1.8	2.6	2.4	4.1
Water supply	3.6	2.5	3.2	3.7	5.4
Conservation and development	2.9	1.8	3.1	2.6	7.2

NA Not applicable