

# U.S. Census Bureau News

U.S. Department of Commerce • Washington, D.C. 20233

For Release at 10:00 A.M. EST, Wednesday, December 1, 2010

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CB10-178

## OCTOBER 2010 CONSTRUCTION AT \$802.3 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during October 2010 was estimated at a seasonally adjusted annual rate of \$802.3 billion, 0.7 percent ( $\pm 1.4\%$ )\* above the revised September estimate of \$797.1 billion. The October figure is 9.3 percent ( $\pm 1.8\%$ ) below the October 2009 estimate of \$884.7 billion.

During the first 10 months of this year, construction spending amounted to \$684.7 billion, 11.2 percent ( $\pm 1.0\%$ ) below the \$770.6 billion for the same period in 2009.

### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$481.8 billion, 0.8 percent ( $\pm 1.1\%$ )\* above the revised September estimate of \$477.8 billion. Residential construction was at a seasonally adjusted annual rate of \$229.6 billion in October, 2.5 percent ( $\pm 1.3\%$ ) above the revised September estimate of \$224.0 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$252.2 billion in October, 0.7 percent ( $\pm 1.1\%$ )\* below the revised September estimate of \$253.8 billion.

### PUBLIC CONSTRUCTION

In October, the estimated seasonally adjusted annual rate of public construction spending was \$320.5 billion, 0.4 percent ( $\pm 2.1\%$ )\* above the revised September estimate of \$319.2 billion. Educational construction was at a seasonally adjusted annual rate of \$75.0 billion, 1.7 percent ( $\pm 3.0\%$ )\* below the revised September estimate of \$76.3 billion. Highway construction was at a seasonally adjusted annual rate of \$87.0 billion, 1.2 percent ( $\pm 5.0\%$ )\* above the revised September estimate of \$86.0 billion.

*November 2010 data will be released on January 3, 2011 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 ( $\pm 3.1$ ) 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, 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	Oct 2010 <sup>P</sup>	Sep 2010 <sup>F</sup>	Aug 2010 <sup>F</sup>	Jul 2010	Jun 2010	Oct 2009	Percent change Oct 2010 from -	
							Sep 2010	Oct 2009
<b>Total Construction</b>	<b>802,324</b>	<b>797,089</b>	<b>791,457</b>	<b>798,752</b>	<b>820,198</b>	<b>884,653</b>	<b>0.7</b>	<b>-9.3</b>
Residential	240,323	234,772	233,205	247,707	257,802	261,102	2.4	-8.0
Nonresidential	562,001	562,318	558,252	551,045	562,397	623,551	-0.1	-9.9
Lodging	10,181	10,724	11,384	11,286	11,388	20,252	-5.1	-49.7
Office	35,158	36,929	36,077	35,424	37,037	47,579	-4.8	-26.1
Commercial	39,039	39,720	40,524	40,447	41,210	45,953	-1.7	-15.0
Health care	40,416	41,013	39,329	39,584	39,732	44,041	-1.5	-8.2
Educational	88,156	89,467	89,917	89,977	87,693	96,232	-1.5	-8.4
Religious	5,075	5,166	5,001	5,078	5,488	5,687	-1.8	-10.8
Public safety	11,682	11,514	11,494	11,234	12,345	13,347	1.5	-12.5
Amusement and recreation	17,884	18,056	17,746	17,112	17,167	18,338	-1.0	-2.5
Transportation	39,916	41,750	38,478	39,079	40,072	39,432	-4.4	1.2
Communication	17,857	17,838	18,171	18,063	17,727	19,319	0.1	-7.6
Power	83,965	77,179	77,534	75,749	81,622	87,334	8.8	-3.9
Highway and street	87,157	86,131	85,561	81,048	82,191	85,909	1.2	1.5
Sewage and waste disposal	26,850	26,521	27,064	26,679	25,819	23,747	1.2	13.1
Water supply	16,055	16,114	16,402	16,441	15,772	15,110	-0.4	6.3
Conservation and development	7,739	7,220	6,846	6,432	7,795	6,281	7.2	23.2
Manufacturing	34,870	36,977	36,725	37,412	39,340	54,991	-5.7	-36.6
<b>Total Private Construction <sup>1</sup></b>	<b>481,780</b>	<b>477,844</b>	<b>476,082</b>	<b>489,927</b>	<b>510,663</b>	<b>571,033</b>	<b>0.8</b>	<b>-15.6</b>
Residential	229,612	224,022	222,772	237,604	247,698	252,987	2.5	-9.2
Nonresidential	252,168	253,823	253,311	252,323	262,966	318,046	-0.7	-20.7
Lodging	9,703	10,234	10,842	10,794	10,890	20,098	-5.2	-51.7
Office	22,347	23,721	23,308	22,504	23,632	32,847	-5.8	-32.0
Commercial	35,812	36,899	37,443	38,004	38,567	42,278	-2.9	-15.3
Health care	30,200	30,958	29,733	29,719	30,250	34,111	-2.4	-11.5
Educational	13,116	13,135	13,446	12,980	13,679	15,174	-0.1	-13.6
Religious	5,039	5,117	4,969	5,035	5,437	5,674	-1.5	-11.2
Amusement and recreation	6,021	6,548	6,255	6,124	6,730	6,732	-8.0	-10.6
Transportation	8,639	8,413	8,358	8,518	8,510	8,872	2.7	-2.6
Communication	17,527	17,810	18,140	18,025	17,698	19,266	-1.6	-9.0
Power	68,647	63,650	63,393	62,397	67,737	77,214	7.9	-11.1
Manufacturing	33,882	35,981	36,023	36,792	38,705	54,498	-5.8	-37.8
<b>Total Public Construction <sup>2</sup></b>	<b>320,543</b>	<b>319,245</b>	<b>315,375</b>	<b>308,825</b>	<b>309,535</b>	<b>313,619</b>	<b>0.4</b>	<b>2.2</b>
Residential	10,711	10,750	10,433	10,103	10,104	8,114	-0.4	32.0
Nonresidential	309,833	308,495	304,942	298,722	299,431	305,505	0.4	1.4
Office	12,812	13,208	12,769	12,920	13,405	14,732	-3.0	-13.0
Commercial	3,227	2,822	3,081	2,443	2,643	3,675	14.4	-12.2
Health care	10,217	10,056	9,597	9,865	9,482	9,930	1.6	2.9
Educational	75,040	76,332	76,471	76,997	74,014	81,058	-1.7	-7.4
Public safety	11,505	11,341	11,336	11,082	12,171	12,877	1.4	-10.7
Amusement and recreation	11,864	11,508	11,491	10,988	10,437	11,606	3.1	2.2
Transportation	31,277	33,337	30,121	30,561	31,561	30,560	-6.2	2.3
Power	15,319	13,528	14,141	13,353	13,886	10,120	13.2	51.4
Highway and street	87,041	85,979	85,378	80,881	82,037	85,796	1.2	1.5
Sewage and waste disposal	26,452	26,082	26,647	26,329	25,447	23,288	1.4	13.6
Water supply	15,526	15,535	15,834	15,744	15,408	14,894	-0.1	4.2
Conservation and development	7,723	7,205	6,770	6,366	7,730	6,255	7.2	23.5

<sup>P</sup> Preliminary <sup>F</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 2010 <sup>P</sup>	Sep 2010 <sup>r</sup>	Aug 2010 <sup>r</sup>	Jul 2010	Jun 2010	Oct 2009	Year-to-date		Percent change
							Oct 2010	Oct 2009	
<b>Total Construction</b>	<b>72,822</b>	<b>74,533</b>	<b>76,163</b>	<b>73,980</b>	<b>74,440</b>	<b>80,742</b>	<b>684,656</b>	<b>770,617</b>	<b>-11.2</b>
Residential	22,517	21,515	23,308	23,672	23,755	24,369	213,525	214,331	-0.4
Nonresidential	50,306	53,018	52,855	50,308	50,685	56,373	471,131	556,285	-15.3
Lodging	848	894	949	941	949	1,688	9,831	22,457	-56.2
Office	2,995	3,355	3,144	3,017	3,210	4,066	31,623	45,440	-30.4
Commercial	3,429	3,617	3,638	3,575	3,645	4,096	34,639	47,525	-27.1
Health care	3,474	3,615	3,354	3,282	3,432	3,798	33,196	38,176	-13.0
Educational	7,385	8,282	9,178	8,918	8,377	8,152	75,622	88,709	-14.8
Religious	453	460	438	437	461	508	4,434	5,258	-15.7
Public safety	966	1,115	977	960	1,053	1,135	10,020	11,814	-15.2
Amusement and recreation	1,561	1,668	1,601	1,487	1,500	1,618	14,201	16,224	-12.5
Transportation	3,744	3,895	3,572	3,546	3,505	3,694	33,401	31,901	4.7
Communication	1,505	1,532	1,587	1,500	1,567	1,712	14,526	16,051	-9.5
Power	7,449	6,541	6,747	6,462	6,978	8,178	66,170	74,281	-10.9
Highway and street	8,903	10,056	9,896	8,695	8,324	8,879	70,423	70,302	0.2
Sewage and waste disposal	2,482	2,471	2,486	2,366	2,272	2,224	21,416	20,373	5.1
Water supply	1,482	1,459	1,491	1,436	1,400	1,367	12,905	13,016	-0.9
Conservation and development	554	824	594	541	654	461	5,549	4,560	21.7
Manufacturing	3,073	3,234	3,202	3,146	3,358	4,797	33,176	50,201	-33.9
<b>Total Private Construction <sup>1</sup></b>	<b>43,761</b>	<b>42,393</b>	<b>44,473</b>	<b>44,298</b>	<b>45,532</b>	<b>52,089</b>	<b>425,257</b>	<b>502,765</b>	<b>-15.4</b>
Residential	21,625	20,469	22,403	22,782	22,839	23,704	205,367	207,748	-1.1
Nonresidential	22,136	21,924	22,070	21,516	22,694	28,386	219,891	295,017	-25.5
Lodging	809	853	904	900	908	1,675	9,505	22,371	-57.5
Office	1,937	2,081	2,024	1,899	2,041	2,838	20,559	33,069	-37.8
Commercial	3,177	3,323	3,368	3,371	3,421	3,800	32,329	44,406	-27.2
Health care	2,650	2,685	2,556	2,476	2,623	2,996	25,370	30,299	-16.3
Educational	1,089	1,135	1,254	1,196	1,263	1,294	11,599	14,488	-19.9
Religious	450	456	436	434	457	507	4,391	5,248	-16.3
Amusement and recreation	512	553	528	516	566	581	5,192	6,840	-24.1
Transportation	802	742	746	745	762	797	6,941	7,486	-7.3
Communication	1,478	1,529	1,585	1,497	1,565	1,708	14,464	16,018	-9.7
Power	6,120	5,281	5,393	5,273	5,688	7,312	55,828	63,864	-12.6
Manufacturing	2,991	3,151	3,144	3,094	3,305	4,756	32,611	49,746	-34.4
<b>Total Public Construction <sup>2</sup></b>	<b>29,061</b>	<b>32,140</b>	<b>31,691</b>	<b>29,682</b>	<b>28,908</b>	<b>28,652</b>	<b>259,398</b>	<b>267,852</b>	<b>-3.2</b>
Residential	891	1,047	905	890	917	665	8,158	6,583	23.9
Nonresidential	28,170	31,094	30,785	28,792	27,991	27,987	251,240	261,269	-3.8
Office	1,057	1,274	1,120	1,118	1,170	1,228	11,063	12,371	-10.6
Commercial	252	294	270	204	224	296	2,310	3,119	-25.9
Health care	824	930	799	807	809	801	7,827	7,877	-0.6
Educational	6,296	7,148	7,925	7,722	7,114	6,858	64,023	74,221	-13.7
Public safety	950	1,100	964	947	1,038	1,092	9,796	11,412	-14.2
Amusement and recreation	1,049	1,115	1,073	972	934	1,038	9,009	9,384	-4.0
Transportation	2,942	3,152	2,826	2,801	2,743	2,897	26,460	24,415	8.4
Power	1,329	1,260	1,355	1,189	1,290	866	10,342	10,417	-0.7
Highway and street	8,892	10,040	9,878	8,681	8,310	8,867	70,303	70,208	0.1
Sewage and waste disposal	2,445	2,430	2,449	2,336	2,235	2,182	21,082	19,945	5.7
Water supply	1,427	1,397	1,431	1,381	1,374	1,344	12,504	12,782	-2.2
Conservation and development	553	823	588	535	648	459	5,525	4,536	21.8

<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>0.9</b>	<b>0.5</b>	<b>0.6</b>	<b>0.9</b>	<b>1.1</b>	
Residential	3.7	2.7	4.2	2.3	5.0	
Nonresidential	0.9	0.5	0.6	0.9	1.2	
Lodging	4.1	3.1	1.5	3.6	2.8	
Office	1.9	1.3	1.5	1.4	2.0	
Commercial	3.4	2.1	1.7	2.2	3.0	
Health care	1.8	1.5	1.5	1.1	2.6	
Educational	2.0	1.4	1.6	1.7	2.4	
Religious	5.8	4.1	4.3	4.1	6.4	
Public safety	3.2	2.3	2.1	2.4	3.0	
Amusement and recreation	3.7	2.6	3.1	3.4	4.7	
Transportation	2.6	2.1	2.6	1.7	3.4	
Communication	NA	NA	NA	NA	NA	
Power	0.9	0.9	0.8	1.0	1.3	
Highway and street	3.2	1.5	2.3	3.1	4.7	
Sewage and waste disposal	2.9	1.7	2.6	3.0	4.9	
Water supply	3.6	2.3	3.1	3.5	5.9	
Conservation and development	3.0	1.8	3.1	2.1	7.0	
Manufacturing	2.1	2.1	1.3	1.1	1.0	
<b>Total Private Construction</b>	<b>1.0</b>	<b>0.7</b>	<b>0.6</b>	<b>0.7</b>	<b>1.0</b>	
Residential	5.0	1.1	1.3	0.8	1.4	
Nonresidential	1.0	0.7	0.6	0.7	1.0	
Lodging	4.2	3.2	1.5	3.7	2.8	
Office	2.9	1.9	1.6	2.0	2.5	
Commercial	3.7	2.2	1.8	2.4	3.1	
Health care	2.4	1.9	1.8	1.3	3.2	
Educational	3.7	2.9	2.6	2.4	3.1	
Religious	5.9	4.1	4.3	4.1	6.4	
Amusement and recreation	5.0	3.9	3.9	1.9	5.2	
Transportation	9.8	6.7	9.4	3.3	10.1	
Communication	NA	NA	NA	NA	NA	
Power	0.4	0.3	0.4	0.4	0.3	
Manufacturing	2.1	2.3	1.3	1.0	0.9	
<b>Total Public Construction</b>	<b>1.2</b>	<b>0.6</b>	<b>1.0</b>	<b>1.3</b>	<b>1.8</b>	
Residential	3.7	2.7	4.2	2.3	5.0	
Nonresidential	1.2	0.6	1.0	1.3	1.9	
Office	2.1	1.8	2.4	1.7	2.9	
Commercial	7.4	5.9	4.7	5.5	9.9	
Health care	2.4	1.7	2.3	2.1	3.7	
Educational	2.3	1.5	1.9	1.9	2.8	
Public safety	3.2	2.3	2.1	2.5	3.1	
Amusement and recreation	4.9	3.4	4.6	5.0	7.0	
Transportation	2.6	2.2	2.7	1.8	3.5	
Power	6.6	7.5	7.4	9.3	16.5	
Highway and street	3.2	1.5	2.3	3.1	4.8	
Sewage and waste disposal	2.9	1.7	2.6	3.1	5.0	
Water supply	3.7	2.4	3.1	3.7	6.0	
Conservation and development	3.0	1.8	3.1	2.1	7.0	

NA Not applicable