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## NOVEMBER 2010 CONSTRUCTION AT \$810.2 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during November 2010 was estimated at a seasonally adjusted annual rate of \$810.2 billion, 0.4 percent ( $\pm 1.6\%$ )\* above the revised October estimate of \$806.7 billion. The November figure is 6.0 percent ( $\pm 1.9\%$ ) below the November 2009 estimate of \$861.5 billion.

During the first 11 months of this year, construction spending amounted to \$753.9 billion, 10.6 percent ( $\pm 1.0\%$ ) below the \$843.1 billion for the same period in 2009.

### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$491.8 billion, 0.3 percent ( $\pm 1.1\%$ )\* above the revised October estimate of \$490.5 billion. Residential construction was at a seasonally adjusted annual rate of \$235.7 billion in November, 0.7 percent ( $\pm 1.3\%$ )\* above the revised October estimate of \$234.1 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$256.1 billion in November, 0.1 percent ( $\pm 1.1\%$ )\* below the revised October estimate of \$256.3 billion.

### PUBLIC CONSTRUCTION

In November, the estimated seasonally adjusted annual rate of public construction spending was \$318.5 billion, 0.7 percent ( $\pm 2.2\%$ )\* above the revised October estimate of \$316.2 billion. Educational construction was at a seasonally adjusted annual rate of \$73.4 billion, 1.0 percent ( $\pm 3.2\%$ )\* above the revised October estimate of \$72.7 billion. Highway construction was at a seasonally adjusted annual rate of \$86.8 billion, 1.0 percent ( $\pm 5.4\%$ )\* below the revised October estimate of \$87.7 billion.

*December 2010 data will be released on February 1, 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	Nov 2010 <sup>P</sup>	Oct 2010 <sup>F</sup>	Sep 2010 <sup>F</sup>	Aug 2010	Jul 2010	Nov 2009	Percent change Nov 2010 from -	
							Oct 2010	Nov 2009
<b>Total Construction</b>	<b>810,225</b>	<b>806,686</b>	<b>801,023</b>	<b>791,457</b>	<b>798,752</b>	<b>861,514</b>	<b>0.4</b>	<b>-6.0</b>
Residential	246,784	244,961	236,205	233,205	247,707	257,046	0.7	-4.0
Nonresidential	563,441	561,725	564,818	558,252	551,045	604,468	0.3	-6.8
Lodging	9,683	9,827	10,702	11,384	11,286	18,748	-1.5	-48.4
Office	36,508	35,835	37,642	36,077	35,424	45,006	1.9	-18.9
Commercial	39,089	39,356	40,133	40,524	40,447	45,993	-0.7	-15.0
Health care	41,129	40,666	41,550	39,329	39,584	42,062	1.1	-2.2
Educational	86,546	85,529	88,897	89,917	89,977	93,505	1.2	-7.4
Religious	5,490	5,317	5,300	5,001	5,078	5,660	3.3	-3.0
Public safety	11,522	11,484	11,326	11,494	11,234	13,148	0.3	-12.4
Amusement and recreation	18,536	18,061	18,462	17,746	17,112	16,689	2.6	11.1
Transportation	38,683	38,425	40,832	38,478	39,079	38,840	0.7	-0.4
Communication	17,673	18,304	17,872	18,171	18,063	19,577	-3.4	-9.7
Power	85,726	85,054	78,049	77,534	75,749	84,518	0.8	1.4
Highway and street	86,931	87,788	86,963	85,561	81,048	81,370	-1.0	6.8
Sewage and waste disposal	26,857	27,180	26,481	27,064	26,679	24,798	-1.2	8.3
Water supply	16,693	16,062	16,134	16,402	16,441	15,982	3.9	4.4
Conservation and development	7,944	7,486	6,932	6,846	6,432	5,855	6.1	35.7
Manufacturing	34,433	35,351	37,545	36,725	37,412	52,719	-2.6	-34.7
<b>Total Private Construction <sup>1</sup></b>	<b>491,755</b>	<b>490,479</b>	<b>483,706</b>	<b>476,082</b>	<b>489,927</b>	<b>555,825</b>	<b>0.3</b>	<b>-11.5</b>
Residential	235,671	234,133	225,441	222,772	237,604	248,980	0.7	-5.3
Nonresidential	256,084	256,346	258,265	253,311	252,323	306,845	-0.1	-16.5
Lodging	9,083	9,299	10,120	10,842	10,794	18,502	-2.3	-50.9
Office	22,589	22,981	24,314	23,308	22,504	29,876	-1.7	-24.4
Commercial	35,853	35,957	37,167	37,443	38,004	42,171	-0.3	-15.0
Health care	30,844	30,608	31,474	29,733	29,719	32,801	0.8	-6.0
Educational	13,115	12,802	13,085	13,446	12,980	14,835	2.4	-11.6
Religious	5,448	5,283	5,251	4,969	5,035	5,630	3.1	-3.2
Amusement and recreation	7,026	6,550	6,937	6,255	6,124	6,117	7.3	14.9
Transportation	8,401	8,511	8,371	8,358	8,518	8,700	-1.3	-3.4
Communication	17,439	17,977	17,851	18,140	18,025	19,533	-3.0	-10.7
Power	70,966	70,337	65,306	63,393	62,397	75,033	0.9	-5.4
Manufacturing	33,833	34,641	36,873	36,023	36,792	52,266	-2.3	-35.3
<b>Total Public Construction <sup>2</sup></b>	<b>318,470</b>	<b>316,207</b>	<b>317,317</b>	<b>315,375</b>	<b>308,825</b>	<b>305,688</b>	<b>0.7</b>	<b>4.2</b>
Residential	11,114	10,829	10,765	10,433	10,103	8,066	2.6	37.8
Nonresidential	307,357	305,379	306,553	304,942	298,722	297,623	0.6	3.3
Office	13,919	12,854	13,328	12,769	12,920	15,130	8.3	-8.0
Commercial	3,236	3,399	2,965	3,081	2,443	3,821	-4.8	-15.3
Health care	10,286	10,058	10,076	9,597	9,865	9,261	2.3	11.1
Educational	73,431	72,728	75,811	76,471	76,997	78,670	1.0	-6.7
Public safety	11,381	11,335	11,173	11,336	11,082	12,632	0.4	-9.9
Amusement and recreation	11,510	11,511	11,525	11,491	10,988	10,572	0.0	8.9
Transportation	30,282	29,915	32,461	30,121	30,561	30,140	1.2	0.5
Power	14,760	14,716	12,744	14,141	13,353	9,485	0.3	55.6
Highway and street	86,823	87,679	86,819	85,378	80,881	81,245	-1.0	6.9
Sewage and waste disposal	26,270	26,716	25,908	26,647	26,329	24,468	-1.7	7.4
Water supply	16,058	15,399	15,503	15,834	15,744	15,617	4.3	2.8
Conservation and development	7,926	7,470	6,917	6,770	6,366	5,811	6.1	36.4

<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	Nov 2010 <sup>P</sup>	Oct 2010 <sup>r</sup>	Sep 2010 <sup>r</sup>	Aug 2010	Jul 2010	Nov 2009	Year-to-date		Percent change
							Nov 2010	Nov 2009	
<b>Total Construction</b>	<b>68,255</b>	<b>73,433</b>	<b>74,890</b>	<b>76,163</b>	<b>73,980</b>	<b>72,453</b>	<b>753,879</b>	<b>843,070</b>	<b>-10.6</b>
Residential	20,298	23,088	21,630	23,308	23,672	21,114	234,508	235,445	-0.4
Nonresidential	47,957	50,346	53,260	52,855	50,308	51,340	519,370	607,625	-14.5
Lodging	807	819	892	949	941	1,562	10,607	24,019	-55.8
Office	3,069	3,049	3,415	3,144	3,017	3,759	34,806	49,199	-29.3
Commercial	3,280	3,460	3,662	3,638	3,575	3,894	37,994	51,419	-26.1
Health care	3,481	3,469	3,649	3,354	3,282	3,542	36,706	41,718	-12.0
Educational	6,911	7,156	8,225	9,178	8,918	7,460	82,246	96,168	-14.5
Religious	487	475	471	438	437	498	4,954	5,756	-13.9
Public safety	1,008	955	1,099	977	960	1,140	11,001	12,955	-15.1
Amusement and recreation	1,574	1,564	1,700	1,601	1,487	1,408	15,809	17,631	-10.3
Transportation	3,422	3,604	3,795	3,572	3,546	3,427	36,582	35,328	3.5
Communication	1,609	1,550	1,531	1,587	1,500	1,684	16,180	17,734	-8.8
Power	7,389	7,643	6,637	6,747	6,462	7,639	73,848	81,920	-9.9
Highway and street	7,526	8,974	10,186	9,896	8,695	6,870	78,149	77,171	1.3
Sewage and waste disposal	2,352	2,511	2,463	2,486	2,366	2,162	23,789	22,535	5.6
Water supply	1,424	1,470	1,453	1,491	1,436	1,347	14,311	14,363	-0.4
Conservation and development	679	538	803	594	541	492	6,191	5,052	22.5
Manufacturing	2,942	3,110	3,279	3,202	3,146	4,455	36,199	54,656	-33.8
<b>Total Private Construction <sup>1</sup></b>	<b>41,425</b>	<b>44,769</b>	<b>42,895</b>	<b>44,473</b>	<b>44,298</b>	<b>46,934</b>	<b>468,193</b>	<b>549,699</b>	<b>-14.8</b>
Residential	19,382	22,186	20,588	22,403	22,782	20,451	225,428	228,199	-1.2
Nonresidential	22,044	22,583	22,307	22,070	21,516	26,483	242,764	321,500	-24.5
Lodging	757	775	843	904	900	1,542	10,219	23,913	-57.3
Office	1,921	1,992	2,133	2,024	1,899	2,527	22,588	35,596	-36.5
Commercial	2,995	3,192	3,348	3,368	3,371	3,556	35,364	47,962	-26.3
Health care	2,626	2,659	2,717	2,556	2,476	2,771	28,036	33,070	-15.2
Educational	1,045	1,057	1,126	1,254	1,196	1,186	12,603	15,674	-19.6
Religious	483	473	467	436	434	496	4,908	5,744	-14.6
Amusement and recreation	574	552	586	528	516	503	5,839	7,343	-20.5
Transportation	785	806	747	746	745	770	7,734	8,256	-6.3
Communication	1,590	1,523	1,529	1,585	1,497	1,680	16,100	17,698	-9.0
Power	6,245	6,364	5,441	5,393	5,273	6,916	62,477	70,779	-11.7
Manufacturing	2,892	3,051	3,223	3,144	3,094	4,418	35,634	54,163	-34.2
<b>Total Public Construction <sup>2</sup></b>	<b>26,830</b>	<b>28,665</b>	<b>31,995</b>	<b>31,691</b>	<b>29,682</b>	<b>25,519</b>	<b>285,686</b>	<b>293,371</b>	<b>-2.6</b>
Residential	916	902	1,042	905	890	663	9,080	7,246	25.3
Nonresidential	25,914	27,763	30,953	30,785	28,792	24,856	276,606	286,125	-3.3
Office	1,148	1,056	1,282	1,120	1,118	1,232	12,219	13,603	-10.2
Commercial	285	268	314	270	204	338	2,631	3,457	-23.9
Health care	855	810	932	799	807	771	8,670	8,648	0.3
Educational	5,866	6,099	7,100	7,925	7,722	6,274	69,643	80,495	-13.5
Public safety	996	941	1,086	964	947	1,098	10,770	12,510	-13.9
Amusement and recreation	1,000	1,012	1,114	1,073	972	904	9,970	10,288	-3.1
Transportation	2,637	2,798	3,048	2,826	2,801	2,657	28,848	27,071	6.6
Power	1,143	1,279	1,196	1,355	1,189	724	11,372	11,141	2.1
Highway and street	7,515	8,963	10,172	9,878	8,681	6,856	78,020	77,064	1.2
Sewage and waste disposal	2,298	2,468	2,411	2,449	2,336	2,133	23,383	22,078	5.9
Water supply	1,371	1,399	1,386	1,431	1,381	1,317	13,836	14,098	-1.9
Conservation and development	677	537	802	588	535	488	6,166	5,024	22.7

<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>0.9</b>	<b>0.5</b>	<b>0.6</b>	<b>1.0</b>	<b>1.2</b>
Residential	3.6	2.6	4.0	3.1	5.0
Nonresidential	0.9	0.5	0.6	1.0	1.3
Lodging	4.4	3.1	1.5	1.7	2.6
Office	1.9	1.3	1.5	1.4	1.9
Commercial	3.3	2.0	1.7	2.1	3.5
Health care	1.9	1.5	1.6	1.3	3.4
Educational	2.1	1.3	1.6	1.8	2.3
Religious	5.9	4.0	4.3	4.6	7.1
Public safety	3.2	2.2	2.0	2.3	2.9
Amusement and recreation	3.8	2.6	3.1	5.5	6.0
Transportation	2.5	2.0	2.4	2.5	3.0
Communication	NA	NA	NA	NA	NA
Power	0.9	0.8	0.7	0.8	0.9
Highway and street	3.3	1.4	2.3	3.4	6.1
Sewage and waste disposal	2.8	1.7	2.4	2.6	4.8
Water supply	3.7	2.2	2.9	3.4	5.8
Conservation and development	2.8	1.5	2.7	2.6	4.1
Manufacturing	2.1	2.1	1.4	0.6	1.1
<b>Total Private Construction</b>	<b>1.1</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>1.2</b>
Residential	5.0	1.1	1.3	0.8	1.4
Nonresidential	1.1	0.7	0.7	0.7	1.2
Lodging	4.4	3.1	1.5	1.8	2.6
Office	2.9	1.9	1.7	1.8	2.3
Commercial	3.6	2.2	1.8	2.3	3.7
Health care	2.5	2.0	1.9	1.6	4.3
Educational	3.7	2.8	2.5	2.3	3.5
Religious	6.0	4.0	4.2	4.7	7.1
Amusement and recreation	5.0	3.8	4.0	2.3	6.5
Transportation	9.7	6.2	8.8	2.7	6.1
Communication	NA	NA	NA	NA	NA
Power	0.4	0.3	0.4	0.2	0.6
Manufacturing	2.1	2.2	1.4	0.7	1.0
<b>Total Public Construction</b>	<b>1.2</b>	<b>0.6</b>	<b>1.0</b>	<b>1.4</b>	<b>1.9</b>
Residential	3.6	2.6	4.0	3.1	5.0
Nonresidential	1.2	0.6	1.0	1.4	2.0
Office	2.1	1.9	2.4	2.0	2.9
Commercial	7.2	5.5	4.5	3.8	13.3
Health care	2.3	1.7	2.3	2.0	3.1
Educational	2.3	1.5	1.8	2.0	2.7
Public safety	3.3	2.2	2.1	2.3	3.0
Amusement and recreation	5.1	3.4	4.6	7.9	8.9
Transportation	2.6	2.1	2.5	2.6	3.2
Power	6.8	6.8	7.0	7.6	11.2
Highway and street	3.3	1.4	2.3	3.4	6.1
Sewage and waste disposal	2.9	1.7	2.5	2.6	4.8
Water supply	3.8	2.3	2.9	3.6	5.9
Conservation and development	2.8	1.5	2.7	2.6	4.1

NA Not applicable