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## JULY 2010 CONSTRUCTION AT \$805.2 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during July 2010 was estimated at a seasonally adjusted annual rate of \$805.2 billion, 1.0 percent ( $\pm 1.4\%$ )\* below the revised June estimate of \$813.1 billion. The July figure is 10.7 percent ( $\pm 1.8\%$ ) below the July 2009 estimate of \$901.2 billion.

During the first 7 months of this year, construction spending amounted to \$460.3 billion, 11.8 percent ( $\pm 1.1\%$ ) below the \$522.0 billion for the same period in 2009.

### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$506.4 billion, 0.8 percent ( $\pm 1.3\%$ )\* below the revised June estimate of \$510.7 billion. Residential construction was at a seasonally adjusted annual rate of \$240.3 billion in July, 2.6 percent ( $\pm 1.3\%$ ) below the revised June estimate of \$246.7 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$266.1 billion in July, 0.8 percent ( $\pm 1.3\%$ )\* above the revised June estimate of \$264.0 billion.

### PUBLIC CONSTRUCTION

In July, the estimated seasonally adjusted annual rate of public construction spending was \$298.8 billion, 1.2 percent ( $\pm 2.1\%$ )\* below the revised June estimate of \$302.4 billion. Educational construction was at a seasonally adjusted annual rate of \$73.0 billion, 0.1 percent ( $\pm 3.8\%$ )\* below the revised June estimate of \$73.1 billion. Highway construction was at a seasonally adjusted annual rate of \$76.8 billion, 2.9 percent ( $\pm 5.6\%$ )\* below the revised June estimate of \$79.1 billion.

*August 2010 data will be released on October 1, 2010 at 10:00 A.M. EDT.*

*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.

New Length of Time data for Private Nonresidential, Private Multifamily and State and Local Construction are available. Go to the Related Studies menu on our website.

\* 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	Jul 2010 <sup>p</sup>	Jun 2010 <sup>r</sup>	May 2010 <sup>r</sup>	Apr 2010	Mar 2010	Jul 2009	Percent change Jul 2010 from -	
							Jun 2010	Jul 2009
<b>Total Construction</b>	<b>805,159</b>	<b>813,112</b>	<b>819,702</b>	<b>843,148</b>	<b>824,023</b>	<b>901,158</b>	<b>-1.0</b>	<b>-10.7</b>
Residential	250,519	256,898	261,159	273,686	258,293	236,448	-2.5	6.0
Nonresidential	554,641	556,213	558,543	569,461	565,730	664,710	-0.3	-16.6
Lodging	11,647	11,852	11,604	11,630	12,234	25,182	-1.7	-53.7
Office	35,344	36,293	37,376	38,295	39,464	53,190	-2.6	-33.6
Commercial	40,415	41,567	42,046	41,929	41,771	52,532	-2.8	-23.1
Health care	39,558	39,251	39,530	39,549	40,747	45,011	0.8	-12.1
Educational	86,192	86,463	88,143	87,810	88,992	106,293	-0.3	-18.9
Religious	5,203	5,576	5,481	5,476	5,690	6,004	-6.7	-13.3
Public safety	12,148	12,419	12,349	12,566	13,099	14,538	-2.2	-16.4
Amusement and recreation	17,394	16,623	16,159	16,931	16,055	19,453	4.6	-10.6
Transportation	39,278	40,497	40,706	42,868	42,616	40,549	-3.0	-3.1
Communication	18,532	17,690	18,321	18,107	16,602	19,562	4.8	-5.3
Power	85,187	80,096	78,686	80,662	78,528	95,788	6.4	-11.1
Highway and street	77,012	79,263	80,363	82,227	79,123	82,705	-2.8	-6.9
Sewage and waste disposal	26,115	25,483	24,984	25,041	24,647	23,758	2.5	9.9
Water supply	15,901	15,520	15,391	15,052	14,530	15,718	2.5	1.2
Conservation and development	6,368	7,308	6,597	6,529	6,102	5,676	-12.9	12.2
Manufacturing	38,348	40,313	40,808	44,790	45,532	58,751	-4.9	-34.7
<b>Total Private Construction <sup>1</sup></b>	<b>506,359</b>	<b>510,671</b>	<b>519,118</b>	<b>538,350</b>	<b>524,419</b>	<b>576,610</b>	<b>-0.8</b>	<b>-12.2</b>
Residential	240,251	246,664	251,813	264,229	249,340	227,733	-2.6	5.5
Nonresidential	266,108	264,007	267,305	274,121	275,079	348,877	0.8	-23.7
Lodging	11,075	11,345	11,243	11,328	11,960	25,087	-2.4	-55.9
Office	22,653	23,418	24,317	25,153	26,007	37,777	-3.3	-40.0
Commercial	38,005	38,913	39,523	39,462	39,032	48,587	-2.3	-21.8
Health care	29,866	29,992	30,539	30,286	31,533	34,825	-0.4	-14.2
Educational	13,189	13,357	13,577	14,154	14,965	16,392	-1.3	-19.5
Religious	5,161	5,528	5,430	5,410	5,622	5,991	-6.6	-13.9
Amusement and recreation	6,491	6,472	6,232	6,545	6,333	7,916	0.3	-18.0
Transportation	8,156	8,144	8,238	8,297	8,258	8,999	0.1	-9.4
Communication	18,484	17,652	18,209	18,054	16,544	19,533	4.7	-5.4
Power	74,014	68,360	68,575	70,076	68,330	84,230	8.3	-12.1
Manufacturing	37,810	39,707	40,197	44,122	45,017	58,173	-4.8	-35.0
<b>Total Public Construction <sup>2</sup></b>	<b>298,800</b>	<b>302,441</b>	<b>300,584</b>	<b>304,798</b>	<b>299,604</b>	<b>324,548</b>	<b>-1.2</b>	<b>-7.9</b>
Residential	10,268	10,234	9,346	9,457	8,953	8,715	0.3	17.8
Nonresidential	288,532	292,206	291,238	295,341	290,651	315,833	-1.3	-8.6
Office	12,691	12,875	13,059	13,142	13,457	15,413	-1.4	-17.7
Commercial	2,410	2,654	2,523	2,467	2,739	3,945	-9.2	-38.9
Health care	9,692	9,259	8,990	9,263	9,214	10,186	4.7	-4.8
Educational	73,003	73,106	74,566	73,656	74,027	89,901	-0.1	-18.8
Public safety	11,936	12,235	12,088	12,212	12,625	14,081	-2.4	-15.2
Amusement and recreation	10,903	10,151	9,928	10,386	9,722	11,537	7.4	-5.5
Transportation	31,122	32,353	32,467	34,571	34,358	31,549	-3.8	-1.4
Power	11,173	11,736	10,111	10,586	10,198	11,558	-4.8	-3.3
Highway and street	76,839	79,113	80,187	82,090	79,000	82,619	-2.9	-7.0
Sewage and waste disposal	25,733	25,095	24,583	24,642	24,208	23,263	2.5	10.6
Water supply	15,518	15,186	15,015	14,722	14,098	15,410	2.2	0.7
Conservation and development	6,312	7,244	6,588	6,518	6,094	5,657	-12.9	11.6

<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	Jul 2010 <sup>P</sup>	Jun 2010 <sup>r</sup>	May 2010 <sup>r</sup>	Apr 2010	Mar 2010	Jul 2009	Year-to-date		
							Jul 2010	Jul 2009	Percent change
<b>Total Construction</b>	<b>73,979</b>	<b>73,616</b>	<b>69,673</b>	<b>68,259</b>	<b>61,860</b>	<b>83,243</b>	<b>460,312</b>	<b>521,990</b>	<b>-11.8</b>
Residential	23,865	23,507	22,897	22,585	19,178	22,832	146,129	141,317	3.4
Nonresidential	50,114	50,109	46,776	45,673	42,683	60,411	314,182	380,673	-17.5
Lodging	971	988	967	969	1,020	2,099	7,209	16,974	-57.5
Office	3,033	3,142	3,194	3,225	3,165	4,634	22,076	32,712	-32.5
Commercial	3,577	3,681	3,579	3,478	3,275	4,641	23,994	34,345	-30.1
Health care	3,294	3,377	3,331	3,305	3,331	3,748	22,709	26,689	-14.9
Educational	8,519	8,250	7,371	6,946	6,525	10,610	50,249	61,153	-17.8
Religious	446	468	451	438	449	521	3,099	3,680	-15.8
Public safety	1,048	1,066	1,001	1,014	1,035	1,263	7,063	8,182	-13.7
Amusement and recreation	1,520	1,460	1,389	1,451	1,270	1,705	9,364	11,303	-17.2
Transportation	3,544	3,546	3,392	3,406	3,092	3,689	22,229	20,403	8.9
Communication	1,551	1,564	1,462	1,469	1,415	1,663	9,951	10,984	-9.4
Power	6,940	6,797	6,498	6,624	6,447	7,808	45,729	50,885	-10.1
Highway and street	8,196	8,084	6,856	5,867	4,583	9,130	40,829	42,253	-3.4
Sewage and waste disposal	2,319	2,248	2,110	2,023	1,859	2,108	13,906	13,742	1.2
Water supply	1,386	1,378	1,314	1,243	1,153	1,349	8,400	8,912	-5.7
Conservation and development	541	615	498	519	492	498	3,538	3,059	15.7
Manufacturing	3,231	3,447	3,364	3,698	3,575	4,943	23,839	35,398	-32.7
<b>Total Private Construction <sup>1</sup></b>	<b>45,416</b>	<b>45,302</b>	<b>44,391</b>	<b>44,441</b>	<b>40,661</b>	<b>51,605</b>	<b>295,518</b>	<b>345,984</b>	<b>-14.6</b>
Residential	22,953	22,571	22,100	21,809	18,493	22,057	140,773	136,899	2.8
Nonresidential	22,463	22,731	22,291	22,633	22,169	29,548	154,745	209,085	-26.0
Lodging	923	945	937	944	997	2,091	7,001	16,913	-58.6
Office	1,926	2,022	2,091	2,128	2,101	3,259	14,526	24,195	-40.0
Commercial	3,376	3,455	3,372	3,285	3,061	4,301	22,500	32,267	-30.3
Health care	2,500	2,591	2,583	2,525	2,554	2,907	17,471	21,359	-18.2
Educational	1,232	1,229	1,204	1,183	1,152	1,537	8,124	10,208	-20.4
Religious	443	464	447	432	443	520	3,066	3,677	-16.6
Amusement and recreation	552	551	528	574	536	670	3,621	5,046	-28.2
Transportation	719	712	705	675	613	788	4,575	5,087	-10.1
Communication	1,547	1,561	1,452	1,464	1,410	1,661	9,920	10,958	-9.5
Power	5,958	5,707	5,563	5,681	5,657	6,804	39,738	43,493	-8.6
Manufacturing	3,186	3,396	3,313	3,642	3,532	4,895	23,507	35,087	-33.0
<b>Total Public Construction <sup>2</sup></b>	<b>28,563</b>	<b>28,314</b>	<b>25,282</b>	<b>23,817</b>	<b>21,199</b>	<b>31,638</b>	<b>164,794</b>	<b>176,007</b>	<b>-6.4</b>
Residential	912	936	797	777	685	776	5,356	4,419	21.2
Nonresidential	27,651	27,378	24,485	23,041	20,514	30,863	159,438	171,588	-7.1
Office	1,107	1,120	1,102	1,097	1,064	1,376	7,551	8,517	-11.3
Commercial	200	226	207	193	214	340	1,494	2,078	-28.1
Health care	794	786	749	780	777	841	5,238	5,330	-1.7
Educational	7,287	7,021	6,167	5,763	5,373	9,073	42,126	50,945	-17.3
Public safety	1,030	1,050	979	985	997	1,223	6,878	7,912	-13.1
Amusement and recreation	968	909	861	876	734	1,035	5,743	6,257	-8.2
Transportation	2,825	2,834	2,687	2,731	2,478	2,901	17,654	15,316	15.3
Power	981	1,091	936	943	790	1,005	5,991	7,391	-18.9
Highway and street	8,181	8,070	6,843	5,857	4,575	9,123	40,753	42,192	-3.4
Sewage and waste disposal	2,286	2,209	2,077	1,991	1,826	2,065	13,680	13,452	1.7
Water supply	1,356	1,353	1,286	1,216	1,119	1,325	8,203	8,754	-6.3
Conservation and development	537	609	498	519	491	496	3,524	3,042	15.8

<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>0.6</b>	<b>0.7</b>	<b>0.9</b>	<b>1.1</b>
Residential	3.8	3.0	4.9	2.3	7.0
Nonresidential	0.9	0.6	0.7	0.9	1.1
Lodging	3.5	3.3	1.6	5.9	3.5
Office	1.9	1.5	1.6	1.1	1.9
Commercial	3.6	2.2	1.7	1.7	2.4
Health care	1.9	1.5	1.7	1.1	2.1
Educational	2.1	1.6	1.9	2.1	2.8
Religious	5.7	4.5	5.1	4.0	5.6
Public safety	3.0	2.6	2.4	1.9	2.8
Amusement and recreation	3.6	2.7	3.0	2.7	4.4
Transportation	2.8	1.8	2.4	2.0	2.6
Communication	NA	NA	NA	NA	NA
Power	0.8	0.6	0.6	0.7	0.6
Highway and street	3.3	1.9	2.7	3.5	4.2
Sewage and waste disposal	2.9	1.9	2.9	3.0	4.3
Water supply	3.5	2.5	3.3	4.7	5.7
Conservation and development	2.5	1.6	2.9	1.9	4.9
Manufacturing	2.1	2.8	1.7	1.5	1.8
<b>Total Private Construction</b>	<b>1.1</b>	<b>0.8</b>	<b>0.7</b>	<b>0.8</b>	<b>0.9</b>
Residential	5.0	1.1	1.3	0.8	1.4
Nonresidential	1.1	0.8	0.7	0.8	0.9
Lodging	3.6	3.4	1.6	6.1	3.5
Office	2.8	2.1	1.8	1.5	2.2
Commercial	3.9	2.3	1.7	1.8	2.5
Health care	2.4	1.9	1.9	1.3	2.5
Educational	3.6	3.1	2.9	1.9	3.2
Religious	5.8	4.5	5.0	4.0	5.6
Amusement and recreation	5.2	4.1	3.9	4.5	4.6
Transportation	11.0	8.6	10.3	6.3	10.6
Communication	NA	NA	NA	NA	NA
Power	0.5	0.4	0.4	0.5	0.4
Manufacturing	2.2	2.9	1.8	1.6	1.8
<b>Total Public Construction</b>	<b>1.2</b>	<b>0.7</b>	<b>1.1</b>	<b>1.3</b>	<b>1.8</b>
Residential	3.8	3.0	4.9	2.3	7.0
Nonresidential	1.2	0.8	1.1	1.3	1.8
Office	2.0	1.8	2.9	1.4	2.7
Commercial	8.1	6.9	5.7	2.7	5.5
Health care	2.3	1.7	2.7	2.0	3.5
Educational	2.4	1.8	2.1	2.4	3.2
Public safety	3.1	2.6	2.4	1.9	2.9
Amusement and recreation	4.7	3.5	4.6	3.2	7.0
Transportation	2.9	1.9	2.5	2.1	2.7
Power	5.1	3.6	4.8	2.9	5.9
Highway and street	3.3	1.9	2.7	3.5	4.2
Sewage and waste disposal	2.9	2.0	2.9	3.1	4.4
Water supply	3.6	2.6	3.4	4.8	5.8
Conservation and development	2.5	1.6	2.9	1.8	4.9

NA Not applicable