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## JULY 2013 CONSTRUCTION AT \$900.8 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during July 2013 was estimated at a seasonally adjusted annual rate of \$900.8 billion, 0.6 percent ( $\pm 2.0\%$ )\* above the revised June estimate of \$895.7 billion. The July figure is 5.2 percent ( $\pm 2.1\%$ ) above the July 2012 estimate of \$856.3 billion.

During the first 7 months of this year, construction spending amounted to \$493.9 billion, 5.6 percent ( $\pm 1.5\%$ ) above the \$467.7 billion for the same period in 2012.

### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$631.4 billion, 0.9 percent ( $\pm 1.3\%$ )\* above the revised June estimate of \$625.6 billion. Residential construction was at a seasonally adjusted annual rate of \$334.6 billion in July, 0.6 percent ( $\pm 1.3\%$ )\* above the revised June estimate of \$332.7 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$296.8 billion in July, 1.3 percent ( $\pm 1.3\%$ )\* above the revised June estimate of \$293.0 billion.

### PUBLIC CONSTRUCTION

In July, the estimated seasonally adjusted annual rate of public construction spending was \$269.4 billion, 0.3 percent ( $\pm 3.1\%$ )\* below the revised June estimate of \$270.1 billion. Educational construction was at a seasonally adjusted annual rate of \$62.9 billion, 1.5 percent ( $\pm 6.9\%$ )\* below the revised June estimate of \$63.8 billion. Highway construction was at a seasonally adjusted annual rate of \$78.0 billion, 1.1 percent ( $\pm 7.2\%$ )\* below the revised June estimate of \$78.8 billion.

*August 2013 data will be released on October 1, 2013 at 10:00 A.M. EDT.*

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

<http://www.census.gov/constructionspending>

*To receive the latest updates on the Nation's key economic indicators, download the America's Economy app for Apple and Android smartphones and tablets.*

### 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, 0.9 percent; private construction, 1.2 percent; and public construction, 1.0 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 2013 <sup>P</sup>	Jun 2013 <sup>r</sup>	May 2013 <sup>r</sup>	Apr 2013	Mar 2013	Jul 2012	Percent change Jul 2013 from -	
							Jun 2013	Jul 2012
<b>Total Construction</b>	<b>900,824</b>	<b>895,748</b>	<b>896,134</b>	<b>878,396</b>	<b>869,164</b>	<b>856,348</b>	<b>0.6</b>	<b>5.2</b>
Residential	340,608	338,874	337,515	329,272	325,146	291,734	0.5	16.8
Nonresidential	560,216	556,875	558,618	549,124	544,018	564,614	0.6	-0.8
Lodging	15,239	14,402	14,164	13,728	12,853	11,734	5.8	29.9
Office	37,359	37,260	36,615	36,389	37,678	38,178	0.3	-2.1
Commercial	47,100	46,255	48,413	47,429	47,001	46,378	1.8	1.6
Health care	41,835	41,712	41,620	40,635	39,956	42,294	0.3	-1.1
Educational	79,864	80,389	79,935	76,392	77,315	88,569	-0.7	-9.8
Religious	3,157	3,259	3,604	3,507	3,902	3,854	-3.1	-18.1
Public safety	8,694	9,458	9,782	9,684	9,200	10,121	-8.1	-14.1
Amusement and recreation	13,236	13,600	13,772	13,873	13,651	15,151	-2.7	-12.6
Transportation	43,149	42,144	41,963	40,909	39,979	38,776	2.4	11.3
Communication	15,505	15,439	15,043	15,985	16,007	17,729	0.4	-12.5
Power	89,410	89,294	86,502	83,461	80,495	84,265	0.1	6.1
Highway and street	78,047	78,900	79,419	77,642	77,451	81,293	-1.1	-4.0
Sewage and waste disposal	21,478	20,534	22,062	21,719	20,346	20,696	4.6	3.8
Water supply	13,970	13,716	14,476	14,442	13,367	12,754	1.9	9.5
Conservation and development	5,319	5,132	5,727	5,857	5,761	6,062	3.6	-12.3
Manufacturing	46,856	45,381	45,521	47,473	49,056	46,761	3.3	0.2
<b>Total Private Construction<sup>1</sup></b>	<b>631,403</b>	<b>625,641</b>	<b>626,953</b>	<b>614,584</b>	<b>604,021</b>	<b>576,637</b>	<b>0.9</b>	<b>9.5</b>
Residential	334,578	332,652	331,271	323,021	318,726	285,554	0.6	17.2
New single family	168,194	167,353	167,358	165,561	163,994	130,085	0.5	29.3
New multi-family	31,874	31,827	31,551	30,788	29,534	22,881	0.1	39.3
Nonresidential	296,824	292,989	295,682	291,563	285,294	291,084	1.3	2.0
Lodging	14,576	13,744	13,760	13,342	12,462	10,972	6.1	32.8
Office	29,232	28,785	28,969	28,653	29,987	27,911	1.6	4.7
Commercial	44,465	43,739	45,933	44,537	44,403	43,320	1.7	2.6
Health care	30,544	30,128	30,563	29,757	29,618	31,484	1.4	-3.0
Educational	16,993	16,560	17,715	16,680	15,659	17,364	2.6	-2.1
Religious	3,115	3,214	3,575	3,482	3,881	3,824	-3.1	-18.5
Amusement and recreation	5,704	5,892	6,115	5,711	5,360	6,008	-3.2	-5.1
Transportation	12,097	12,318	12,413	11,434	11,150	11,708	-1.8	3.3
Communication	15,363	15,184	14,840	15,796	15,725	17,486	1.2	-12.1
Power	77,514	77,154	75,376	73,269	67,733	73,820	0.5	5.0
Manufacturing	46,087	44,806	44,789	46,683	48,243	45,739	2.9	0.8
<b>Total Public Construction<sup>2</sup></b>	<b>269,422</b>	<b>270,107</b>	<b>269,181</b>	<b>263,813</b>	<b>265,143</b>	<b>279,711</b>	<b>-0.3</b>	<b>-3.7</b>
Residential	6,030	6,221	6,244	6,252	6,420	6,180	-3.1	-2.4
Nonresidential	263,392	263,886	262,937	257,561	258,723	273,530	-0.2	-3.7
Office	8,126	8,474	7,646	7,736	7,691	10,267	-4.1	-20.9
Commercial	2,635	2,516	2,479	2,892	2,598	3,058	4.7	-13.8
Health care	11,291	11,584	11,057	10,878	10,338	10,810	-2.5	4.4
Educational	62,871	63,829	62,220	59,712	61,656	71,205	-1.5	-11.7
Public safety	8,622	9,389	9,699	9,560	9,099	10,017	-8.2	-13.9
Amusement and recreation	7,532	7,708	7,657	8,163	8,291	9,144	-2.3	-17.6
Transportation	31,052	29,826	29,550	29,475	28,828	27,067	4.1	14.7
Power	11,896	12,141	11,126	10,192	12,762	10,445	-2.0	13.9
Highway and street	77,990	78,837	79,325	77,503	77,391	81,066	-1.1	-3.8
Sewage and waste disposal	21,119	20,116	21,580	21,221	19,940	20,100	5.0	5.1
Water supply	13,347	12,895	13,673	13,034	12,897	12,278	3.5	8.7
Conservation and development	5,295	5,037	5,558	5,807	5,726	6,015	5.1	-12.0

<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 2013 <sup>P</sup>	Jun 2013 <sup>F</sup>	May 2013 <sup>F</sup>	Apr 2013	Mar 2013	Jul 2012	Year-to-date		
							Jul 2013	Jul 2012	Percent change
<b>Total Construction</b>	<b>83,029</b>	<b>81,428</b>	<b>77,327</b>	<b>70,535</b>	<b>64,036</b>	<b>78,897</b>	<b>493,894</b>	<b>467,683</b>	<b>5.6</b>
Residential	32,242	32,191	30,186	26,745	23,883	27,732	186,657	155,453	20.1
Nonresidential	50,787	49,238	47,141	43,790	40,152	51,165	307,237	312,230	-1.6
Lodging	1,270	1,200	1,180	1,144	1,071	978	7,854	6,339	23.9
Office	3,174	3,173	3,129	3,021	2,984	3,226	21,160	21,618	-2.1
Commercial	4,223	4,118	4,119	3,928	3,637	4,149	26,717	25,973	2.9
Health care	3,537	3,560	3,516	3,396	3,230	3,555	23,543	24,171	-2.6
Educational	7,986	7,676	6,698	5,993	5,699	8,925	45,188	49,057	-7.9
Religious	270	268	290	283	304	330	1,992	2,184	-8.8
Public safety	732	803	836	796	718	858	5,297	6,007	-11.8
Amusement and recreation	1,146	1,178	1,193	1,135	1,070	1,341	7,722	8,534	-9.5
Transportation	3,862	3,710	3,548	3,269	2,931	3,467	22,790	20,402	11.7
Communication	1,349	1,271	1,282	1,309	1,226	1,479	8,489	9,748	-12.9
Power	7,370	7,142	6,990	6,737	6,228	6,723	46,956	46,272	1.5
Highway and street	8,450	7,836	7,066	5,504	4,152	8,763	40,355	42,472	-5.0
Sewage and waste disposal	1,863	1,801	1,882	1,729	1,537	1,808	11,666	12,495	-6.6
Water supply	1,206	1,218	1,222	1,184	1,004	1,118	7,808	7,552	3.4
Conservation and development	451	417	463	472	437	507	3,142	3,443	-8.7
Manufacturing	3,898	3,868	3,730	3,890	3,926	3,940	26,560	25,962	2.3
<b>Total Private Construction<sup>1</sup></b>	<b>57,060</b>	<b>56,332</b>	<b>54,369</b>	<b>50,022</b>	<b>45,779</b>	<b>51,794</b>	<b>346,856</b>	<b>312,413</b>	<b>11.0</b>
Residential	31,725	31,647	29,647	26,228	23,397	27,199	183,222	151,849	20.7
New single family	15,745	15,115	14,289	13,352	12,658	12,190	92,138	69,325	32.9
New multi-family	2,810	2,767	2,737	2,637	2,390	1,984	17,731	11,685	51.7
Nonresidential	25,336	24,685	24,721	23,795	22,382	24,595	163,635	160,564	1.9
Lodging	1,215	1,145	1,147	1,112	1,039	914	7,565	5,928	27.6
Office	2,480	2,442	2,482	2,365	2,387	2,361	16,579	15,251	8.7
Commercial	4,012	3,903	3,915	3,697	3,435	3,902	25,261	24,163	4.5
Health care	2,590	2,582	2,589	2,482	2,369	2,657	17,302	17,903	-3.4
Educational	1,583	1,554	1,590	1,403	1,229	1,601	9,719	9,614	1.1
Religious	266	264	287	281	302	328	1,974	2,167	-8.9
Amusement and recreation	481	489	525	470	448	511	3,243	3,279	-1.1
Transportation	1,101	1,094	1,076	874	770	1,065	6,446	6,040	6.7
Communication	1,337	1,250	1,265	1,293	1,203	1,458	8,374	9,613	-12.9
Power	6,343	6,024	6,042	5,810	5,265	5,822	40,246	40,510	-0.7
Manufacturing	3,833	3,820	3,669	3,824	3,858	3,855	26,118	25,346	3.0
<b>Total Public Construction<sup>2</sup></b>	<b>25,968</b>	<b>25,096</b>	<b>22,959</b>	<b>20,513</b>	<b>18,257</b>	<b>27,104</b>	<b>147,037</b>	<b>155,270</b>	<b>-5.3</b>
Residential	517	544	539	518	486	533	3,435	3,604	-4.7
Nonresidential	25,451	24,553	22,420	19,995	17,770	26,570	143,603	151,666	-5.3
Office	694	732	647	657	597	865	4,581	6,367	-28.1
Commercial	211	215	203	231	202	248	1,457	1,811	-19.5
Health care	947	978	926	914	861	898	6,241	6,268	-0.4
Educational	6,403	6,122	5,109	4,590	4,470	7,324	35,469	39,444	-10.1
Public safety	726	797	828	785	709	849	5,236	5,931	-11.7
Amusement and recreation	665	689	668	665	622	830	4,479	5,256	-14.8
Transportation	2,761	2,615	2,472	2,395	2,161	2,402	16,344	14,362	13.8
Power	1,027	1,117	947	927	963	901	6,710	5,763	16.4
Highway and street	8,445	7,831	7,058	5,493	4,148	8,742	40,313	42,389	-4.9
Sewage and waste disposal	1,835	1,766	1,839	1,688	1,508	1,761	11,399	12,182	-6.4
Water supply	1,154	1,153	1,160	1,069	970	1,077	7,410	7,310	1.4
Conservation and development	449	409	449	468	434	503	3,104	3,406	-8.9

<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 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>1.0</b>	<b>0.6</b>	<b>0.9</b>	<b>1.2</b>	<b>1.3</b>
Residential	5.5	4.9	5.0	2.4	6.5
Nonresidential	1.0	0.6	0.9	1.2	1.4
Lodging	2.9	2.1	3.7	2.0	4.7
Office	3.2	2.5	3.1	1.7	2.9
Commercial	3.0	1.9	3.3	2.1	3.2
Health care	2.1	1.6	2.0	1.4	2.6
Educational	2.7	1.9	2.1	3.4	3.3
Religious	7.3	5.8	7.5	3.9	5.8
Public safety	3.1	2.8	2.3	2.5	2.6
Amusement and recreation	4.6	3.1	3.3	3.3	4.2
Transportation	2.7	2.1	2.7	2.7	3.9
Communication	NA	NA	NA	NA	NA
Power	0.5	0.4	0.5	0.6	0.8
Highway and street	3.7	2.2	3.1	4.4	4.7
Sewage and waste disposal	3.5	2.7	3.2	4.3	5.6
Water supply	4.1	3.3	4.7	5.1	7.3
Conservation and development	4.2	4.4	4.0	3.4	3.0
Manufacturing	1.4	1.4	1.7	1.9	2.8
<b>Total Private Construction</b>	<b>1.0</b>	<b>0.8</b>	<b>1.1</b>	<b>0.8</b>	<b>1.2</b>
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	6.9	5.9	7.8	2.6	11.4
Nonresidential	1.0	0.8	1.1	0.8	1.2
Lodging	2.9	2.1	3.9	2.1	4.6
Office	4.4	3.3	4.7	2.1	4.0
Commercial	3.1	2.0	3.6	2.2	3.4
Health care	2.8	2.1	2.7	1.6	3.4
Educational	3.6	3.3	3.9	3.4	5.0
Religious	7.3	5.9	7.6	4.0	5.9
Amusement and recreation	5.9	4.2	4.7	2.6	4.9
Transportation	5.6	3.1	4.1	2.9	4.5
Communication	NA	NA	NA	NA	NA
Power	0.2	0.2	0.4	0.3	0.5
Manufacturing	1.4	1.5	1.8	2.0	3.0
<b>Total Public Construction</b>	<b>1.5</b>	<b>0.9</b>	<b>1.2</b>	<b>1.9</b>	<b>2.0</b>
Residential	5.5	4.9	5.0	2.4	6.5
Nonresidential	1.5	1.0	1.2	1.9	2.1
Office	2.7	1.8	1.7	2.5	2.6
Commercial	10.2	8.0	6.8	5.0	8.0
Health care	2.7	2.1	2.3	2.4	2.8
Educational	3.2	2.2	2.4	4.2	3.8
Public safety	3.1	2.8	2.3	2.5	2.6
Amusement and recreation	6.3	4.4	4.3	5.1	5.8
Transportation	2.9	2.3	2.9	3.0	4.4
Power	5.5	4.3	5.2	5.6	8.9
Highway and street	3.7	2.2	3.1	4.4	4.7
Sewage and waste disposal	3.6	2.7	3.2	4.4	5.8
Water supply	4.2	3.4	4.7	5.4	7.4
Conservation and development	4.3	4.5	4.0	3.5	3.1

NA Not applicable