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## APRIL 2013 CONSTRUCTION AT \$860.8 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during April 2013 was estimated at a seasonally adjusted annual rate of \$860.8 billion, 0.4 percent ( $\pm 1.6\%$ )\* above the revised March estimate of \$857.7 billion. The April figure is 4.3 percent ( $\pm 2.0\%$ ) above the April 2012 estimate of \$825.1 billion.

During the first 4 months of this year, construction spending amounted to \$250.7 billion, 4.5 percent ( $\pm 1.5\%$ ) above the \$239.8 billion for the same period in 2012.

### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$602.0 billion, 1.0 percent ( $\pm 1.2\%$ )\* above the revised March estimate of \$595.9 billion. Residential construction was at a seasonally adjusted annual rate of \$301.9 billion in April, 0.1 percent ( $\pm 1.3\%$ )\* below the revised March estimate of \$302.2 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$300.1 billion in April, 2.2 percent ( $\pm 1.2\%$ ) above the revised March estimate of \$293.7 billion.

### PUBLIC CONSTRUCTION

In April, the estimated seasonally adjusted annual rate of public construction spending was \$258.8 billion, 1.2 percent ( $\pm 2.8\%$ )\* below the revised March estimate of \$261.8 billion. Educational construction was at a seasonally adjusted annual rate of \$58.7 billion, 4.4 percent ( $\pm 4.4\%$ )\* below the revised March estimate of \$61.4 billion. Highway construction was at a seasonally adjusted annual rate of \$76.7 billion, 0.5 percent ( $\pm 9.9\%$ )\* above the revised March estimate of \$76.2 billion.

*May 2013 data will be released on July 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.

In the May 2013 press release, normal revisions to the unadjusted and seasonally adjusted data will revise back to January 2011.

\* 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	Apr 2013 <sup>P</sup>	Mar 2013 <sup>r</sup>	Feb 2013 <sup>r</sup>	Jan 2013	Dec 2012	Apr 2012	Percent change Apr 2013 from -	
							Mar 2013	Apr 2012
<b>Total Construction</b>	<b>860,778</b>	<b>857,745</b>	<b>864,685</b>	<b>858,145</b>	<b>893,634</b>	<b>825,133</b>	<b>0.4</b>	<b>4.3</b>
Residential	308,328	309,039	303,872	293,342	303,549	260,635	-0.2	18.3
Nonresidential	552,450	548,706	560,814	564,802	590,086	564,499	0.7	-2.1
Lodging	12,850	12,810	12,314	11,202	11,608	11,020	0.3	16.6
Office	36,108	36,918	36,937	37,465	37,977	35,540	-2.2	1.6
Commercial	47,480	47,163	48,544	47,468	46,432	46,596	0.7	1.9
Health care	39,581	39,335	40,134	39,403	39,943	40,918	0.6	-3.3
Educational	75,525	77,731	82,209	79,831	82,231	84,543	-2.8	-10.7
Religious	3,549	4,000	3,828	3,789	3,745	3,912	-11.3	-9.3
Public safety	9,645	9,132	9,521	9,337	9,570	10,276	5.6	-6.1
Amusement and recreation	13,935	14,204	14,314	14,516	15,056	15,566	-1.9	-10.5
Transportation	38,987	38,755	39,113	39,086	38,921	34,988	0.6	11.4
Communication	15,486	16,233	15,667	17,129	16,995	16,911	-4.6	-8.4
Power	92,598	85,928	88,538	99,042	116,381	94,090	7.8	-1.6
Highway and street	76,802	76,366	78,058	76,660	77,578	79,553	0.6	-3.5
Sewage and waste disposal	21,462	19,932	20,923	20,345	21,298	22,325	7.7	-3.9
Water supply	13,397	13,502	13,723	13,411	13,416	13,522	-0.8	-0.9
Conservation and development	5,395	5,715	6,268	5,965	5,956	6,094	-5.6	-11.5
Manufacturing	49,651	50,981	50,723	50,153	52,978	48,647	-2.6	2.1
<b>Total Private Construction<sup>1</sup></b>	<b>601,985</b>	<b>595,903</b>	<b>595,018</b>	<b>592,890</b>	<b>624,682</b>	<b>552,328</b>	<b>1.0</b>	<b>9.0</b>
Residential	301,876	302,216	298,058	287,134	297,136	254,145	-0.1	18.8
New single family	165,767	163,441	159,939	151,331	146,340	119,578	1.4	38.6
New multi-family	29,178	28,221	27,731	27,847	26,010	19,631	3.4	48.6
Nonresidential	300,109	293,686	296,961	305,756	327,546	298,183	2.2	0.6
Lodging	12,448	12,422	11,860	10,710	11,227	10,313	0.2	20.7
Office	28,312	28,913	28,289	28,907	28,728	24,294	-2.1	16.5
Commercial	44,682	44,577	45,924	44,726	43,839	43,382	0.2	3.0
Health care	29,005	28,935	30,032	29,115	28,750	30,377	0.2	-4.5
Educational	16,804	16,328	17,232	16,974	17,292	17,273	2.9	-2.7
Religious	3,522	3,979	3,804	3,770	3,709	3,890	-11.5	-9.5
Amusement and recreation	6,035	5,831	5,770	5,639	6,275	6,571	3.5	-8.2
Transportation	10,807	10,652	10,691	10,548	10,466	10,717	1.5	0.8
Communication	15,300	15,951	15,517	16,968	16,841	16,689	-4.1	-8.3
Power	83,100	74,978	76,436	87,780	106,607	85,518	10.8	-2.8
Manufacturing	48,906	50,202	49,867	49,444	52,197	47,873	-2.6	2.2
<b>Total Public Construction<sup>2</sup></b>	<b>258,793</b>	<b>261,842</b>	<b>269,667</b>	<b>265,255</b>	<b>268,953</b>	<b>272,805</b>	<b>-1.2</b>	<b>-5.1</b>
Residential	6,453	6,823	5,814	6,208	6,413	6,490	-5.4	-0.6
Nonresidential	252,341	255,020	263,853	259,047	262,540	266,315	-1.1	-5.2
Office	7,797	8,005	8,648	8,558	9,249	11,246	-2.6	-30.7
Commercial	2,798	2,586	2,620	2,741	2,594	3,214	8.2	-12.9
Health care	10,576	10,401	10,102	10,288	11,193	10,542	1.7	0.3
Educational	58,721	61,404	64,976	62,857	64,939	67,270	-4.4	-12.7
Public safety	9,515	9,020	9,330	9,208	9,425	10,177	5.5	-6.5
Amusement and recreation	7,900	8,373	8,544	8,877	8,781	8,995	-5.6	-12.2
Transportation	28,180	28,104	28,422	28,538	28,455	24,271	0.3	16.1
Power	9,498	10,950	12,102	11,262	9,774	8,572	-13.3	10.8
Highway and street	76,658	76,241	77,979	76,583	77,428	79,397	0.5	-3.4
Sewage and waste disposal	20,911	19,580	20,217	19,752	20,457	21,819	6.8	-4.2
Water supply	13,077	13,214	13,203	13,062	12,997	13,061	-1.0	0.1
Conservation and development	5,351	5,674	6,226	5,939	5,897	6,027	-5.7	-11.2

<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	Apr 2013 <sup>p</sup>	Mar 2013 <sup>r</sup>	Feb 2013 <sup>r</sup>	Jan 2013	Dec 2012	Apr 2012	Year-to-date		
							Apr 2013	Apr 2012	Percent change
<b>Total Construction</b>	<b>69,190</b>	<b>63,746</b>	<b>58,651</b>	<b>59,090</b>	<b>69,520</b>	<b>66,201</b>	<b>250,677</b>	<b>239,783</b>	<b>4.5</b>
Residential	25,333	22,810	19,387	19,424	22,004	21,639	86,954	73,995	17.5
Nonresidential	43,857	40,936	39,264	39,665	47,516	44,563	163,723	165,789	-1.2
Lodging	1,071	1,068	1,026	934	967	918	4,098	3,452	18.7
Office	3,010	2,918	2,764	2,837	2,987	2,966	11,530	11,110	3.8
Commercial	3,893	3,688	3,577	3,406	3,505	3,862	14,564	14,264	2.1
Health care	3,301	3,185	3,086	3,058	3,245	3,388	12,629	12,966	-2.6
Educational	5,927	5,732	5,675	5,518	5,907	6,626	22,853	24,881	-8.2
Religious	286	318	303	290	303	315	1,197	1,288	-7.1
Public safety	789	711	705	715	777	831	2,920	3,301	-11.5
Amusement and recreation	1,133	1,110	1,031	1,051	1,162	1,281	4,325	4,853	-10.9
Transportation	3,114	2,839	2,689	2,708	3,082	2,787	11,350	9,967	13.9
Communication	1,250	1,236	1,102	1,195	1,614	1,324	4,784	5,104	-6.3
Power	7,452	6,951	6,857	7,571	11,333	7,373	28,831	29,657	-2.8
Highway and street	5,353	4,133	3,717	3,718	4,764	5,502	16,920	17,327	-2.3
Sewage and waste disposal	1,693	1,512	1,464	1,437	1,678	1,747	6,106	6,826	-10.5
Water supply	1,097	1,029	987	948	1,032	1,111	4,061	4,141	-1.9
Conservation and development	438	436	467	448	489	492	1,789	1,882	-4.9
Manufacturing	4,050	4,071	3,813	3,832	4,673	4,040	15,766	14,770	6.7
<b>Total Private Construction<sup>1</sup></b>	<b>49,240</b>	<b>45,670</b>	<b>41,382</b>	<b>42,025</b>	<b>50,206</b>	<b>45,195</b>	<b>178,318</b>	<b>163,749</b>	<b>8.9</b>
Residential	24,811	22,294	18,967	18,963	21,489	21,109	85,035	71,876	18.3
New single family	13,333	12,588	10,389	10,332	10,761	9,550	46,642	34,066	36.9
New multi-family	2,483	2,311	2,163	2,115	2,006	1,659	9,073	5,806	56.3
Nonresidential	24,429	23,376	22,416	23,063	28,717	24,087	93,283	91,873	1.5
Lodging	1,037	1,035	988	893	936	859	3,953	3,214	23.0
Office	2,355	2,295	2,135	2,205	2,248	2,020	8,990	7,602	18.3
Commercial	3,669	3,488	3,377	3,201	3,291	3,608	13,736	13,277	3.5
Health care	2,407	2,324	2,293	2,244	2,333	2,500	9,267	9,525	-2.7
Educational	1,403	1,279	1,259	1,239	1,294	1,434	5,180	5,254	-1.4
Religious	283	317	301	289	300	313	1,190	1,279	-7.0
Amusement and recreation	497	484	448	442	510	544	1,871	2,097	-10.8
Transportation	863	751	702	727	887	843	3,043	2,817	8.0
Communication	1,235	1,213	1,090	1,182	1,601	1,306	4,719	5,024	-6.1
Power	6,599	6,113	5,975	6,784	10,581	6,582	25,472	26,886	-5.3
Manufacturing	3,988	4,006	3,742	3,773	4,607	3,975	15,509	14,477	7.1
<b>Total Public Construction<sup>2</sup></b>	<b>19,950</b>	<b>18,076</b>	<b>17,269</b>	<b>17,064</b>	<b>19,314</b>	<b>21,006</b>	<b>72,359</b>	<b>76,034</b>	<b>-4.8</b>
Residential	522	516	420	461	515	530	1,919	2,119	-9.4
Nonresidential	19,428	17,561	16,849	16,603	18,799	20,476	70,440	73,915	-4.7
Office	655	623	629	633	740	946	2,540	3,508	-27.6
Commercial	224	199	200	205	214	254	828	987	-16.1
Health care	894	861	793	814	912	888	3,362	3,441	-2.3
Educational	4,524	4,453	4,416	4,280	4,612	5,192	17,673	19,626	-10.0
Public safety	778	702	692	706	767	823	2,877	3,264	-11.9
Amusement and recreation	636	627	583	609	652	737	2,454	2,756	-11.0
Transportation	2,251	2,088	1,987	1,981	2,194	1,944	8,307	7,150	16.2
Power	853	839	881	786	752	791	3,359	2,771	21.2
Highway and street	5,342	4,123	3,713	3,713	4,753	5,489	16,891	17,292	-2.3
Sewage and waste disposal	1,651	1,483	1,411	1,392	1,611	1,706	5,937	6,633	-10.5
Water supply	1,074	1,008	956	924	996	1,076	3,961	4,014	-1.3
Conservation and development	434	433	464	446	484	486	1,777	1,853	-4.1

<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>1.0</b>	<b>0.7</b>	<b>0.9</b>	<b>1.0</b>	<b>1.2</b>
Residential	4.7	4.4	5.0	6.2	6.4
Nonresidential	1.0	0.7	0.9	1.0	1.2
Lodging	2.9	2.7	4.3	1.5	4.1
Office	3.5	3.2	3.6	1.5	3.7
Commercial	3.1	2.2	3.8	2.0	3.6
Health care	2.1	1.7	2.1	1.5	2.4
Educational	2.3	1.8	2.1	2.2	2.4
Religious	7.3	7.8	9.7	4.5	9.1
Public safety	3.1	2.9	2.7	2.3	3.5
Amusement and recreation	4.8	3.3	3.5	3.0	4.2
Transportation	2.6	1.9	2.8	1.6	3.0
Communication	NA	NA	NA	NA	NA
Power	0.4	0.3	0.7	0.4	0.6
Highway and street	3.7	2.7	3.3	6.0	5.1
Sewage and waste disposal	3.4	2.9	3.4	3.5	4.3
Water supply	3.9	3.8	5.1	4.9	5.6
Conservation and development	4.2	5.2	4.5	5.1	4.9
Manufacturing	1.3	1.6	1.8	1.0	2.2
<b>Total Private Construction</b>	<b>1.1</b>	<b>0.9</b>	<b>1.3</b>	<b>0.7</b>	<b>1.4</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	7.7	5.8	9.6	2.0	8.4
Nonresidential	1.1	0.9	1.3	0.7	1.4
Lodging	3.0	2.8	4.5	1.6	4.2
Office	4.9	4.2	5.7	1.8	5.9
Commercial	3.3	2.2	4.2	2.1	3.8
Health care	2.8	2.2	2.7	1.9	3.1
Educational	3.4	3.0	3.7	2.0	3.8
Religious	7.4	7.9	9.8	4.5	9.2
Amusement and recreation	6.0	4.9	5.0	4.0	5.6
Transportation	5.6	3.5	4.6	3.3	5.2
Communication	NA	NA	NA	NA	NA
Power	0.2	0.2	0.6	0.2	0.3
Manufacturing	1.4	1.7	1.9	1.1	2.3
<b>Total Public Construction</b>	<b>1.4</b>	<b>1.0</b>	<b>1.2</b>	<b>1.7</b>	<b>1.7</b>
Residential	4.7	4.4	5.0	6.2	6.4
Nonresidential	1.5	1.1	1.3	1.8	1.8
Office	2.6	1.9	1.8	2.4	1.7
Commercial	10.1	11.4	8.8	4.4	10.2
Health care	2.6	2.1	2.6	1.6	3.2
Educational	2.8	2.2	2.4	2.7	2.8
Public safety	3.1	2.9	2.7	2.3	3.5
Amusement and recreation	6.7	4.3	4.8	4.1	5.7
Transportation	2.7	2.1	3.1	1.7	3.3
Power	4.8	3.7	5.9	3.9	6.3
Highway and street	3.7	2.7	3.3	6.0	5.1
Sewage and waste disposal	3.5	2.9	3.4	3.5	4.3
Water supply	4.0	3.9	5.2	5.1	5.9
Conservation and development	4.2	5.3	4.6	5.1	4.9

NA Not applicable