

# U.S. Census Bureau News

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## JANUARY 2013 CONSTRUCTION AT \$883.3 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during January 2013 was estimated at a seasonally adjusted annual rate of \$883.3 billion, 2.1 percent ( $\pm 1.3\%$ ) below the revised December estimate of \$902.6 billion. The January figure is 7.1 percent ( $\pm 1.8\%$ ) above the January 2012 estimate of \$824.7 billion.

### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$614.2 billion, 2.6 percent ( $\pm 1.2\%$ ) below the revised December estimate of \$630.9 billion. Residential construction was at a seasonally adjusted annual rate of \$304.6 billion in January, nearly the same as ( $\pm 1.3\%$ )\* the revised December estimate of \$304.7 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$309.7 billion in January, 5.1 percent ( $\pm 1.2\%$ ) below the revised December estimate of \$326.2 billion.

### PUBLIC CONSTRUCTION

In January, the estimated seasonally adjusted annual rate of public construction spending was \$269.0 billion, 1.0 percent ( $\pm 2.1\%$ )\* below the revised December estimate of \$271.7 billion. Educational construction was at a seasonally adjusted annual rate of \$63.7 billion, 3.5 percent ( $\pm 3.5\%$ )\* below the revised December estimate of \$66.0 billion. Highway construction was at a seasonally adjusted annual rate of \$79.1 billion, 0.9 percent ( $\pm 5.9\%$ )\* above the revised December estimate of \$78.4 billion.

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

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

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

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### **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.

\* 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	Jan 2013 <sup>p</sup>	Dec 2012 <sup>r</sup>	Nov 2012 <sup>r</sup>	Oct 2012	Sep 2012	Jan 2012	Percent change Jan 2013 from -	
							Dec 2012	Jan 2012
<b>Total Construction</b>	<b>883,281</b>	<b>902,629</b>	<b>892,448</b>	<b>876,213</b>	<b>862,220</b>	<b>824,687</b>	<b>-2.1</b>	<b>7.1</b>
Residential	311,192	311,307	306,184	306,184	296,923	257,051	0.0	21.1
Nonresidential	572,089	591,323	586,264	570,028	565,297	567,637	-3.3	0.8
Lodging	10,741	11,314	11,302	11,828	11,089	9,628	-5.1	11.6
Office	38,348	38,830	37,989	38,261	36,241	35,143	-1.2	9.1
Commercial	47,717	47,382	47,420	48,414	47,410	46,716	0.7	2.1
Health care	39,890	39,626	39,747	40,778	39,155	40,515	0.7	-1.5
Educational	81,070	83,606	82,262	83,321	84,488	86,046	-3.0	-5.8
Religious	3,795	3,749	3,675	3,941	3,715	4,189	1.2	-9.4
Public safety	9,385	9,609	9,426	9,760	9,902	10,802	-2.3	-13.1
Amusement and recreation	15,008	15,170	15,811	16,576	16,705	16,408	-1.1	-8.5
Transportation	38,933	38,806	39,224	41,532	39,089	34,599	0.3	12.5
Communication	17,240	17,010	17,153	16,604	17,848	17,412	1.4	-1.0
Power	99,628	113,702	111,662	91,215	90,552	100,664	-12.4	-1.0
Highway and street	79,310	78,572	78,309	77,554	78,349	76,121	0.9	4.2
Sewage and waste disposal	20,517	21,665	22,895	21,672	22,091	23,567	-5.3	-12.9
Water supply	13,214	13,330	12,995	12,901	13,022	14,333	-0.9	-7.8
Conservation and development	5,943	6,006	6,082	6,295	6,549	5,958	-1.0	-0.3
Manufacturing	51,350	52,946	50,312	49,377	49,093	45,538	-3.0	12.8
<b>Total Private Construction<sup>1</sup></b>	<b>614,244</b>	<b>630,882</b>	<b>618,048</b>	<b>601,914</b>	<b>587,489</b>	<b>547,460</b>	<b>-2.6</b>	<b>12.2</b>
Residential	304,583	304,654	299,486	299,846	290,494	249,566	0.0	22.0
New single family	150,525	145,265	144,457	141,543	136,378	115,599	3.6	30.2
New multi-family	26,492	26,061	24,365	23,851	22,637	17,108	1.7	54.9
Nonresidential	309,661	326,228	318,562	302,068	296,995	297,894	-5.1	4.0
Lodging	10,261	10,927	10,860	11,270	10,579	9,053	-6.1	13.3
Office	29,856	29,601	28,999	28,483	26,827	23,658	0.9	26.2
Commercial	44,867	44,616	44,347	45,415	44,575	43,557	0.6	3.0
Health care	29,379	28,542	28,640	29,154	28,577	29,961	2.9	-1.9
Educational	17,370	17,619	16,407	17,513	17,395	16,411	-1.4	5.8
Religious	3,776	3,712	3,667	3,906	3,692	4,166	1.7	-9.4
Amusement and recreation	6,118	6,406	6,966	7,137	6,937	6,516	-4.5	-6.1
Transportation	10,410	10,510	10,710	12,208	11,521	9,973	-1.0	4.4
Communication	17,086	16,878	16,972	16,505	17,658	17,178	1.2	-0.5
Power	88,518	103,509	99,869	80,450	79,649	90,947	-14.5	-2.7
Manufacturing	50,649	52,156	49,555	48,619	48,204	44,771	-2.9	13.1
<b>Total Public Construction<sup>2</sup></b>	<b>269,038</b>	<b>271,747</b>	<b>274,399</b>	<b>274,299</b>	<b>274,731</b>	<b>277,228</b>	<b>-1.0</b>	<b>-3.0</b>
Residential	6,609	6,653	6,698	6,339	6,430	7,484	-0.7	-11.7
Nonresidential	262,428	265,094	267,702	267,960	268,301	269,743	-1.0	-2.7
Office	8,492	9,229	8,991	9,778	9,414	11,485	-8.0	-26.1
Commercial	2,851	2,767	3,073	2,999	2,835	3,159	3.0	-9.7
Health care	10,511	11,084	11,107	11,624	10,578	10,555	-5.2	-0.4
Educational	63,700	65,987	65,855	65,808	67,093	69,635	-3.5	-8.5
Public safety	9,265	9,460	9,325	9,656	9,793	10,621	-2.1	-12.8
Amusement and recreation	8,891	8,764	8,845	9,439	9,769	9,892	1.4	-10.1
Transportation	28,523	28,297	28,514	29,324	27,568	24,626	0.8	15.8
Power	11,111	10,193	11,792	10,764	10,903	9,718	9.0	14.3
Highway and street	79,149	78,415	78,122	77,320	78,125	75,957	0.9	4.2
Sewage and waste disposal	19,850	20,694	22,052	20,971	21,423	22,865	-4.1	-13.2
Water supply	12,816	12,910	12,619	12,592	12,695	13,770	-0.7	-6.9
Conservation and development	5,915	5,949	6,018	6,236	6,496	5,863	-0.6	0.9

<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	Jan 2013 <sup>p</sup>	Dec 2012 <sup>r</sup>	Nov 2012 <sup>r</sup>	Oct 2012	Sep 2012	Jan 2012	Year-to-date		
							Jan 2013	Jan 2012	Percent change
<b>Total Construction</b>	<b>60,835</b>	<b>70,400</b>	<b>76,737</b>	<b>81,438</b>	<b>79,357</b>	<b>56,535</b>	<b>60,835</b>	<b>56,535</b>	<b>7.6</b>
Residential	20,843	22,734	25,852	29,600	27,087	17,058	20,843	17,058	22.2
Nonresidential	39,992	47,666	50,885	51,838	52,271	39,477	39,992	39,477	1.3
Lodging	895	943	942	986	924	802	895	802	11.6
Office	2,902	3,067	3,205	3,339	3,233	2,638	2,902	2,638	10.0
Commercial	3,446	3,598	3,949	4,263	4,328	3,362	3,446	3,362	2.5
Health care	3,075	3,220	3,351	3,493	3,484	3,136	3,075	3,136	-1.9
Educational	5,600	6,026	6,441	6,999	7,680	5,943	5,600	5,943	-5.8
Religious	291	302	323	359	335	321	291	321	-9.3
Public safety	711	780	813	830	936	815	711	815	-12.8
Amusement and recreation	1,080	1,169	1,367	1,480	1,516	1,180	1,080	1,180	-8.5
Transportation	2,694	3,068	3,430	3,816	3,656	2,416	2,694	2,416	11.5
Communication	1,198	1,611	1,543	1,510	1,434	1,162	1,198	1,162	3.1
Power	7,577	11,205	10,710	8,285	7,649	7,572	7,577	7,572	0.1
Highway and street	3,789	4,812	6,805	8,446	8,810	3,641	3,789	3,641	4.1
Sewage and waste disposal	1,433	1,700	2,025	2,037	2,030	1,651	1,433	1,651	-13.2
Water supply	924	1,032	1,124	1,174	1,182	1,000	924	1,000	-7.6
Conservation and development	447	497	516	512	676	438	447	438	2.1
Manufacturing	3,930	4,636	4,343	4,311	4,399	3,399	3,930	3,399	15.6
<b>Total Private Construction<sup>1</sup></b>	<b>43,669</b>	<b>50,894</b>	<b>53,640</b>	<b>55,833</b>	<b>52,191</b>	<b>38,677</b>	<b>43,669</b>	<b>38,677</b>	<b>12.9</b>
Residential	20,351	22,199	25,288	29,052	26,478	16,510	20,351	16,510	23.3
New single family	10,277	10,702	12,606	12,954	12,822	7,877	10,277	7,877	30.5
New multi-family	2,007	2,019	2,048	1,998	1,904	1,290	2,007	1,290	55.6
Nonresidential	23,318	28,695	28,352	26,781	25,713	22,166	23,318	22,166	5.2
Lodging	855	911	905	939	882	754	855	754	13.4
Office	2,272	2,324	2,440	2,532	2,340	1,780	2,272	1,780	27.6
Commercial	3,233	3,367	3,686	4,019	4,043	3,121	3,233	3,121	3.6
Health care	2,249	2,320	2,442	2,558	2,503	2,297	2,249	2,297	-2.1
Educational	1,269	1,325	1,295	1,431	1,458	1,173	1,269	1,173	8.2
Religious	289	299	322	356	333	320	289	320	-9.7
Amusement and recreation	482	522	587	615	596	513	482	513	-6.0
Transportation	718	891	988	1,116	1,035	709	718	709	1.3
Communication	1,185	1,600	1,528	1,502	1,418	1,142	1,185	1,142	3.8
Power	6,792	10,424	9,735	7,334	6,653	6,899	6,792	6,899	-1.6
Manufacturing	3,872	4,571	4,280	4,248	4,325	3,335	3,872	3,335	16.1
<b>Total Public Construction<sup>2</sup></b>	<b>17,166</b>	<b>19,506</b>	<b>23,097</b>	<b>25,606</b>	<b>27,166</b>	<b>17,858</b>	<b>17,166</b>	<b>17,858</b>	<b>-3.9</b>
Residential	491	535	564	548	608	548	491	548	-10.4
Nonresidential	16,674	18,971	22,533	25,058	26,558	17,310	16,674	17,310	-3.7
Office	629	743	765	808	892	857	629	857	-26.6
Commercial	213	231	263	245	285	242	213	242	-12.0
Health care	826	900	909	935	981	839	826	839	-1.5
Educational	4,331	4,701	5,146	5,567	6,222	4,770	4,331	4,770	-9.2
Public safety	703	769	805	821	927	802	703	802	-12.3
Amusement and recreation	597	647	780	865	920	667	597	667	-10.5
Transportation	1,976	2,177	2,442	2,700	2,621	1,707	1,976	1,707	15.8
Power	785	781	975	951	996	673	785	673	16.6
Highway and street	3,778	4,801	6,786	8,423	8,787	3,629	3,778	3,629	4.1
Sewage and waste disposal	1,383	1,623	1,947	1,975	1,973	1,599	1,383	1,599	-13.5
Water supply	896	994	1,089	1,142	1,149	962	896	962	-6.9
Conservation and development	445	492	511	507	672	431	445	431	3.2

<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 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>0.8</b>	<b>1.1</b>	<b>0.8</b>	<b>1.1</b>
Residential	4.1	6.2	6.9	4.1	6.9
Nonresidential	1.0	0.9	1.1	0.8	1.1
Lodging	2.8	2.8	4.2	2.2	4.2
Office	3.7	3.9	4.3	1.7	4.3
Commercial	3.5	3.0	4.7	2.3	4.7
Health care	2.1	1.8	2.5	1.5	2.5
Educational	2.3	2.1	2.3	1.7	2.3
Religious	7.3	8.7	9.8	2.7	9.8
Public safety	3.2	3.5	3.7	2.4	3.7
Amusement and recreation	4.9	4.6	4.4	3.4	4.4
Transportation	2.4	2.6	3.5	1.9	3.5
Communication	NA	NA	NA	NA	NA
Power	0.5	0.6	1.3	0.5	1.3
Highway and street	3.6	4.0	5.4	3.5	5.4
Sewage and waste disposal	3.5	3.2	3.8	2.4	3.8
Water supply	3.9	4.6	6.1	4.0	6.1
Conservation and development	3.7	6.5	5.8	3.8	5.8
Manufacturing	1.3	1.3	1.7	0.7	1.7
<b>Total Private Construction</b>	<b>1.1</b>	<b>1.0</b>	<b>1.5</b>	<b>0.7</b>	<b>1.5</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	8.3	6.4	13.1	3.0	13.1
Nonresidential	1.1	1.0	1.5	0.7	1.5
Lodging	2.9	2.9	4.3	2.3	4.3
Office	5.3	5.1	6.9	2.3	6.9
Commercial	3.8	3.1	5.1	2.4	5.1
Health care	2.8	2.4	3.1	1.8	3.1
Educational	3.3	2.9	4.1	2.0	4.1
Religious	7.3	8.8	9.9	2.7	9.9
Amusement and recreation	5.9	5.1	4.7	7.2	4.7
Transportation	5.4	3.1	4.3	1.8	4.3
Communication	NA	NA	NA	NA	NA
Power	0.3	0.2	1.2	0.1	1.2
Manufacturing	1.3	1.3	1.8	0.8	1.8
<b>Total Public Construction</b>	<b>1.4</b>	<b>1.3</b>	<b>1.5</b>	<b>1.3</b>	<b>1.5</b>
Residential	4.1	6.2	6.9	4.1	6.9
Nonresidential	1.4	1.3	1.6	1.3	1.6
Office	2.6	2.4	1.9	1.9	1.9
Commercial	8.0	11.0	8.9	6.0	8.9
Health care	2.4	2.7	4.1	2.3	4.1
Educational	2.7	2.5	2.6	2.1	2.6
Public safety	3.2	3.5	3.8	2.4	3.8
Amusement and recreation	6.8	6.8	6.5	3.3	6.5
Transportation	2.6	2.8	3.9	2.2	3.9
Power	5.3	9.9	10.1	7.4	10.1
Highway and street	3.6	4.0	5.4	3.6	5.4
Sewage and waste disposal	3.6	3.2	3.8	2.5	3.8
Water supply	4.0	4.7	6.3	4.2	6.3
Conservation and development	3.7	6.6	5.8	3.8	5.8

NA Not applicable

**Table 4. Annual Value of Construction Put in Place in the United States**

(Millions of dollars. Details may not add to totals due to rounding.)

Type of Construction	2012 <sup>1</sup>	2011	Percent change	Coefficient of Variation
<b>Total Construction</b>	<b>855,370</b>	<b>778,238</b>	<b>9.9</b>	<b>0.6</b>
Residential	282,777	245,686	15.1	2.7
Nonresidential	572,593	532,552	7.5	0.6
Lodging	11,041	8,880	24.3	1.5
Office	36,558	34,647	5.5	2.9
Commercial	47,074	43,571	8.0	2.2
Health care	40,595	39,713	2.2	1.7
Educational	84,934	84,320	0.7	1.4
Religious	3,901	4,224	-7.6	4.2
Public safety	10,145	10,236	-0.9	2.4
Amusement and recreation	15,991	16,174	-1.1	3.1
Transportation	37,331	34,867	7.1	1.6
Communication	17,100	17,533	-2.5	NA
Power	97,872	73,965	32.3	0.3
Highway and street	79,483	78,896	0.7	1.7
Sewage and waste disposal	22,202	22,606	-1.8	2.5
Water supply	13,179	14,169	-7.0	2.1
Conservation and development	6,158	7,371	-16.5	2.2
Manufacturing	49,028	41,382	18.5	1.1
<b>Total Private Construction<sup>1</sup></b>	<b>579,480</b>	<b>494,961</b>	<b>17.1</b>	<b>0.8</b>
Residential	276,171	236,960	16.5	1.1
New single family	129,192	108,178	19.4	4.0
New multi-family	21,361	14,772	44.6	7.3
Nonresidential	303,309	258,001	17.6	0.8
Lodging	10,408	8,217	26.7	1.5
Office	26,249	22,538	16.5	4.1
Commercial	44,000	39,972	10.1	2.3
Health care	29,722	28,606	3.9	2.3
Educational	17,172	14,180	21.1	2.5
Religious	3,874	4,191	-7.6	4.3
Public safety	116	208	-44.2	19.6
Amusement and recreation	6,655	6,984	-4.7	4.4
Transportation	10,760	9,841	9.3	4.5
Communication	16,895	17,384	-2.8	NA
Power	87,977	63,935	37.6	0.2
Sewage and waste disposal	682	563	21.1	8.3
Water supply	416	641	-35.1	14.7
Manufacturing	48,134	40,631	18.5	1.1
<b>Total Public Construction<sup>2</sup></b>	<b>275,890</b>	<b>283,277</b>	<b>-2.6</b>	<b>0.7</b>
Residential	6,606	8,726	-24.3	2.7
Nonresidential	269,284	274,551	-1.9	0.7
Office	10,309	12,108	-14.9	1.7
Commercial	3,074	3,600	-14.6	4.5
Health care	10,873	11,107	-2.1	1.9
Educational	67,763	70,140	-3.4	1.6
Public safety	10,028	10,028	0.0	2.4
Amusement and recreation	9,336	9,190	1.6	4.2
Transportation	26,571	25,025	6.2	1.7
Power	9,895	10,030	-1.3	3.5
Highway and street	79,312	78,858	0.6	1.7
Sewage and waste disposal	21,521	22,043	-2.4	2.5
Water supply	12,764	13,528	-5.6	2.2
Conservation and development	6,081	7,298	-16.7	2.3

NA Not applicable <sup>1</sup>Revised

<sup>1</sup>Includes the following categories of private construction not shown separately:  
highway and street, and conservation and development.

<sup>2</sup>Includes the following categories of public construction not shown separately:  
lodging, religious, communication, and manufacturing.