

U.S. Census Bureau News

U.S. Department of Commerce • Washington, D.C. 20233

For Release at 10:00 A.M. EST, Monday, February 3, 2014

Joseph Huesman, Linnet Holland, or Trent Langley
(301) 763-1605

CB14-16

DECEMBER 2013 CONSTRUCTION AT \$930.5 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during December 2013 was estimated at a seasonally adjusted annual rate of \$930.5 billion, 0.1 percent ($\pm 1.2\%$)* above the revised November estimate of \$929.9 billion. The December figure is 5.3 percent ($\pm 1.5\%$) above the December 2012 estimate of \$883.6 billion.

The value of construction in 2013 was \$898.4 billion, 4.8 percent ($\pm 1.3\%$) above the \$857.0 billion spent in 2012.

PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$663.9 billion, 1.0 percent ($\pm 1.0\%$)* above the revised November estimate of \$657.1 billion. Residential construction was at a seasonally adjusted annual rate of \$352.6 billion in December, 2.6 percent ($\pm 1.3\%$) above the revised November estimate of \$343.8 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$311.3 billion in December, 0.7 percent ($\pm 1.0\%$)* below the revised November estimate of \$313.4 billion.

The value of private construction in 2013 was \$627.2 billion, 8.5 percent ($\pm 1.5\%$) above the \$577.9 billion spent in 2012. Residential construction in 2013 was \$330.7 billion, 18.0 percent ($\pm 2.1\%$) above the 2012 figure of \$280.3 billion and nonresidential construction was \$296.5 billion, 0.4 percent ($\pm 1.5\%$)* below the \$297.7 billion in 2012.

PUBLIC CONSTRUCTION

In December, the estimated seasonally adjusted annual rate of public construction spending was \$266.6 billion, 2.3 percent ($\pm 1.8\%$) below the revised November estimate of \$272.8 billion. Educational construction was at a seasonally adjusted annual rate of \$58.2 billion, 7.2 percent ($\pm 3.1\%$) below the revised November estimate of \$62.7 billion. Highway construction was at a seasonally adjusted annual rate of \$84.0 billion, 1.8 percent ($\pm 3.9\%$)* above the revised November estimate of \$82.5 billion.

The value of public construction in 2013 was \$271.2 billion, 2.8 percent ($\pm 1.8\%$) below the \$279.0 billion spent in 2012. Educational construction in 2013 was \$62.4 billion, 8.4 percent ($\pm 3.1\%$) below the 2012 figure of \$68.2 billion and highway construction was \$81.1 billion, 1.0 percent ($\pm 4.9\%$)* above the \$80.4 billion in 2012.

January 2014 data will be released on March 3, 2014 at 10:00 A.M. EST.

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 (± 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	Dec 2013 ^P	Nov 2013 ^r	Oct 2013 ^r	Sep 2013	Aug 2013	Dec 2012	Percent change Dec 2013 from -	
							Nov 2013	Dec 2012
Total Construction	930,493	929,927	922,898	916,520	903,786	883,550	0.1	5.3
Residential	357,423	349,210	345,872	346,112	329,658	304,202	2.4	17.5
Nonresidential	573,070	580,716	577,027	570,408	574,128	579,349	-1.3	-1.1
Lodging	16,675	16,684	16,314	14,803	14,773	12,728	-0.1	31.0
Office	41,266	41,346	40,745	38,320	38,533	38,942	-0.2	6.0
Commercial	54,712	55,411	52,600	49,457	48,250	45,700	-1.3	19.7
Health care	40,313	40,930	41,811	40,493	41,153	41,083	-1.5	-1.9
Educational	75,187	79,563	80,063	76,736	79,642	81,880	-5.5	-8.2
Religious	3,245	3,313	3,424	3,152	3,274	3,497	-2.1	-7.2
Public safety	9,168	9,875	9,766	9,518	9,369	9,562	-7.2	-4.1
Amusement and recreation	14,626	15,094	15,402	15,488	15,074	13,955	-3.1	4.8
Transportation	43,297	42,989	43,182	41,871	41,166	39,258	0.7	10.3
Communication	15,485	15,553	13,965	15,328	15,598	17,782	-0.4	-12.9
Power	86,103	83,857	82,808	86,479	88,166	108,336	2.7	-20.5
Highway and street	84,074	82,583	82,540	82,846	83,864	75,620	1.8	11.2
Sewage and waste disposal	20,522	21,389	22,709	22,850	23,753	21,136	-4.1	-2.9
Water supply	12,742	13,914	13,847	13,653	14,335	13,470	-8.4	-5.4
Conservation and development	6,286	6,280	6,505	6,225	5,870	6,021	0.1	4.4
Manufacturing	49,371	51,937	51,346	53,191	51,309	50,380	-4.9	-2.0
Total Private Construction¹	663,926	657,142	646,284	644,729	626,392	615,010	1.0	8.0
Residential	352,605	343,769	340,167	340,631	323,213	298,167	2.6	18.3
New single family	181,742	175,726	172,238	172,443	171,607	149,400	3.4	21.6
New multi-family	35,620	35,432	34,935	33,801	32,314	27,972	0.5	27.3
Nonresidential	311,320	313,373	306,117	304,098	303,178	316,843	-0.7	-1.7
Lodging	16,345	16,284	15,841	14,255	14,044	12,319	0.4	32.7
Office	34,145	33,743	32,622	30,850	30,717	29,600	1.2	15.4
Commercial	52,618	53,159	50,287	47,276	46,072	42,888	-1.0	22.7
Health care	30,672	30,588	30,798	29,674	29,615	29,835	0.3	2.8
Educational	17,032	16,878	17,451	16,585	16,462	16,655	0.9	2.3
Religious	3,232	3,299	3,395	3,112	3,261	3,457	-2.0	-6.5
Amusement and recreation	6,198	6,597	6,662	6,895	6,809	5,365	-6.0	15.5
Transportation	13,428	13,634	12,991	12,662	12,703	10,805	-1.5	24.3
Communication	15,361	15,443	13,853	15,219	15,470	17,650	-0.5	-13.0
Power	72,269	70,940	70,404	73,875	75,762	97,282	1.9	-25.7
Manufacturing	48,853	51,490	50,563	52,392	50,516	49,492	-5.1	-1.3
Total Public Construction²	266,567	272,784	276,614	271,791	277,394	268,540	-2.3	-0.7
Residential	4,818	5,441	5,704	5,481	6,445	6,034	-11.5	-20.2
Nonresidential	261,749	267,343	270,910	266,310	270,949	262,506	-2.1	-0.3
Office	7,121	7,603	8,124	7,470	7,816	9,342	-6.3	-23.8
Commercial	2,093	2,252	2,313	2,181	2,178	2,813	-7.1	-25.6
Health care	9,641	10,342	11,012	10,819	11,538	11,248	-6.8	-14.3
Educational	58,155	62,684	62,613	60,150	63,180	65,225	-7.2	-10.8
Public safety	8,991	9,636	9,619	9,401	9,251	9,417	-6.7	-4.5
Amusement and recreation	8,428	8,497	8,740	8,593	8,265	8,590	-0.8	-1.9
Transportation	29,869	29,355	30,191	29,209	28,463	28,454	1.8	5.0
Power	13,833	12,916	12,404	12,604	12,404	11,054	7.1	25.1
Highway and street	84,021	82,536	82,306	82,634	83,633	75,493	1.8	11.3
Sewage and waste disposal	20,251	21,107	22,418	22,516	23,253	20,374	-4.1	-0.6
Water supply	12,152	13,276	13,361	13,069	13,497	13,062	-8.5	-7.0
Conservation and development	6,210	6,168	6,412	6,169	5,808	5,965	0.7	4.1

^PPreliminary ^rRevised

¹Includes the following categories of private construction not shown separately: public safety, highway and street, sewage and waste disposal, water supply, and conservation and development.

²Includes 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	Dec 2013 ^P	Nov 2013 ^F	Oct 2013 ^F	Sep 2013	Aug 2013	Dec 2012	Year-to-date		
							Dec 2013	Dec 2012	Percent change
Total Construction	70,278	77,578	85,193	85,383	85,677	68,136	898,372	856,953	4.8
Residential	25,746	28,366	32,848	32,212	31,623	21,566	336,582	286,524	17.5
Nonresidential	44,532	49,213	52,346	53,171	54,054	46,570	561,790	570,429	-1.5
Lodging	1,390	1,390	1,360	1,234	1,231	1,061	14,360	11,423	25.7
Office	3,320	3,534	3,594	3,408	3,373	3,105	38,498	38,433	0.2
Commercial	4,173	4,677	4,656	4,533	4,449	3,495	49,350	46,303	6.6
Health care	3,264	3,436	3,583	3,596	3,566	3,330	40,734	41,797	-2.5
Educational	5,430	6,233	6,721	6,926	8,285	5,941	79,112	84,618	-6.5
Religious	260	289	313	280	288	282	3,448	3,768	-8.5
Public safety	753	840	818	911	816	778	9,407	10,295	-8.6
Amusement and recreation	1,150	1,279	1,409	1,412	1,340	1,079	14,404	14,977	-3.8
Transportation	3,452	3,735	3,951	3,912	3,818	3,123	41,557	38,210	8.8
Communication	1,495	1,368	1,290	1,300	1,352	1,651	15,284	17,528	-12.8
Power	7,143	7,342	7,315	7,456	7,400	10,491	83,535	94,068	-11.2
Highway and street	5,199	6,991	8,853	9,462	9,639	4,674	81,284	80,517	1.0
Sewage and waste disposal	1,588	1,883	2,160	2,141	2,201	1,646	21,678	22,066	-1.8
Water supply	982	1,188	1,279	1,238	1,325	1,040	13,836	13,227	4.6
Conservation and development	520	520	552	661	525	497	5,947	6,350	-6.3
Manufacturing	4,412	4,509	4,493	4,702	4,447	4,379	49,357	46,850	5.4
Total Private Construction¹	51,122	54,878	59,370	58,297	57,481	48,740	627,195	577,930	8.5
Residential	25,362	27,916	32,360	31,688	31,064	21,083	330,720	280,257	18.0
New single family	13,318	15,213	15,607	16,143	16,260	10,964	168,826	132,015	27.9
New multi-family	2,766	3,002	2,968	2,815	2,851	2,159	31,983	22,231	43.9
Nonresidential	25,760	26,962	27,011	26,609	26,417	27,657	296,475	297,673	-0.4
Lodging	1,362	1,357	1,320	1,188	1,170	1,027	13,873	10,783	28.7
Office	2,755	2,898	2,904	2,697	2,686	2,358	30,647	27,963	9.6
Commercial	4,000	4,481	4,470	4,312	4,256	3,259	46,941	43,163	8.8
Health care	2,477	2,592	2,690	2,575	2,579	2,407	29,954	30,767	-2.6
Educational	1,275	1,316	1,441	1,395	1,546	1,256	16,665	16,440	1.4
Religious	259	287	311	276	287	279	3,422	3,739	-8.5
Amusement and recreation	499	560	583	606	584	436	6,134	5,788	6.0
Transportation	1,107	1,239	1,233	1,188	1,183	915	12,445	11,372	9.4
Communication	1,484	1,359	1,280	1,291	1,342	1,640	15,120	17,320	-12.7
Power	6,072	6,283	6,236	6,324	6,241	9,654	71,187	83,151	-14.4
Manufacturing	4,369	4,471	4,428	4,635	4,381	4,305	48,635	45,833	6.1
Total Public Construction²	19,156	22,700	25,823	27,086	28,196	19,396	271,178	279,023	-2.8
Residential	385	449	488	524	558	482	5,862	6,267	-6.5
Nonresidential	18,772	22,251	25,335	26,562	27,638	18,913	265,316	272,756	-2.7
Office	564	636	690	711	687	747	7,852	10,471	-25.0
Commercial	173	196	186	221	193	236	2,410	3,140	-23.2
Health care	787	844	894	1,021	987	923	10,780	11,030	-2.3
Educational	4,155	4,918	5,280	5,531	6,738	4,685	62,447	68,178	-8.4
Public safety	739	820	805	902	806	768	9,278	10,175	-8.8
Amusement and recreation	652	719	826	806	756	644	8,270	9,189	-10.0
Transportation	2,345	2,496	2,717	2,724	2,635	2,208	29,111	26,838	8.5
Power	1,071	1,059	1,079	1,132	1,160	837	12,348	10,917	13.1
Highway and street	5,195	6,987	8,833	9,442	9,615	4,664	81,147	80,358	1.0
Sewage and waste disposal	1,566	1,857	2,133	2,111	2,156	1,585	21,262	21,467	-1.0
Water supply	928	1,128	1,232	1,180	1,246	1,003	13,140	12,810	2.6
Conservation and development	514	511	544	657	520	492	5,873	6,289	-6.6

^PPreliminary ^FRevised

¹Includes the following categories of private construction not shown separately: public safety, highway and street, sewage and waste disposal, water supply, and conservation and development.

²Includes 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
Total Construction	1.0	0.5	0.8	0.7	0.9
Residential	5.9	4.1	3.7	3.8	3.0
Nonresidential	1.0	0.5	0.8	0.7	0.9
Lodging	3.2	3.1	4.2	1.3	5.9
Office	2.9	2.1	2.5	1.3	3.7
Commercial	2.8	1.7	2.7	1.9	3.1
Health care	2.0	1.6	1.8	1.2	2.5
Educational	2.6	1.5	1.7	1.6	2.3
Religious	6.9	4.2	4.7	3.8	8.2
Public safety	3.7	2.7	2.3	4.7	3.4
Amusement and recreation	4.0	2.5	3.1	4.0	5.6
Transportation	2.6	1.8	2.1	2.0	2.5
Communication	NA	NA	NA	NA	NA
Power	0.6	0.5	0.5	0.9	0.8
Highway and street	3.5	1.9	3.0	2.4	4.4
Sewage and waste disposal	4.6	2.3	2.8	3.1	4.5
Water supply	4.2	2.4	3.3	3.4	4.6
Conservation and development	5.3	3.4	3.2	7.4	4.2
Manufacturing	1.4	1.0	1.3	0.6	1.3
Total Private Construction	0.9	0.7	0.9	0.6	1.1
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	6.3	5.6	7.4	1.6	8.2
Nonresidential	0.9	0.7	0.9	0.6	1.1
Lodging	3.2	3.1	4.3	1.3	6.0
Office	3.6	2.6	3.6	1.6	5.0
Commercial	2.9	1.7	3.0	2.0	3.3
Health care	2.6	2.0	2.3	1.5	3.3
Educational	3.5	2.7	3.2	1.9	4.2
Religious	6.9	4.2	4.7	3.9	8.3
Amusement and recreation	5.0	3.6	4.8	2.9	9.2
Transportation	3.9	2.8	4.7	5.6	3.6
Communication	NA	NA	NA	NA	NA
Power	0.3	0.4	0.4	0.6	0.2
Manufacturing	1.4	1.0	1.3	0.6	1.3
Total Public Construction	1.5	0.8	1.1	1.1	1.4
Residential	5.9	4.1	3.7	3.8	3.0
Nonresidential	1.6	0.8	1.1	1.2	1.5
Office	3.4	1.9	1.6	1.9	3.3
Commercial	8.3	5.9	4.9	7.5	5.5
Health care	2.8	2.1	1.9	1.6	2.7
Educational	3.1	1.8	1.9	1.9	2.7
Public safety	3.8	2.7	2.3	4.9	3.4
Amusement and recreation	5.6	3.5	4.0	6.5	7.1
Transportation	2.8	2.0	2.3	2.1	2.8
Power	7.9	5.0	4.6	9.9	12.2
Highway and street	3.5	1.9	3.0	2.4	4.4
Sewage and waste disposal	4.6	2.3	2.9	3.1	4.7
Water supply	4.3	2.5	3.4	3.5	4.6
Conservation and development	5.4	3.5	3.2	7.6	4.2

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	2013 ^P	2012	Percent change	Coefficient of Variation
Total Construction	898,372	856,953	4.8	0.5
Residential	336,582	286,524	17.5	4.1
Nonresidential	561,790	570,429	-1.5	0.5
Lodging	14,360	11,423	25.7	3.1
Office	38,498	38,433	0.2	2.1
Commercial	49,350	46,303	6.6	1.7
Health care	40,734	41,797	-2.5	1.6
Educational	79,112	84,618	-6.5	1.5
Religious	3,448	3,768	-8.5	4.2
Public safety	9,407	10,295	-8.6	2.7
Amusement and recreation	14,404	14,977	-3.8	2.5
Transportation	41,557	38,210	8.8	1.8
Communication	15,284	17,528	-12.8	NA
Power	83,535	94,068	-11.2	0.5
Highway and street	81,284	80,517	1.0	1.9
Sewage and waste disposal	21,678	22,066	-1.8	2.3
Water supply	13,836	13,227	4.6	2.4
Conservation and development	5,947	6,350	-6.3	3.4
Manufacturing	49,357	46,850	5.4	1.0
Total Private Construction¹	627,195	577,930	8.5	0.7
Residential	330,720	280,257	18.0	1.1
New single family	168,826	132,015	27.9	4.0
New multi-family	31,983	22,231	43.9	5.6
Nonresidential	296,475	297,673	-0.4	0.7
Lodging	13,873	10,783	28.7	3.1
Office	30,647	27,963	9.6	2.6
Commercial	46,941	43,163	8.8	1.7
Health care	29,954	30,767	-2.6	2.0
Educational	16,665	16,440	1.4	2.7
Religious	3,422	3,739	-8.5	4.2
Public safety	129	121	6.6	24.0
Amusement and recreation	6,134	5,788	6.0	3.6
Transportation	12,445	11,372	9.4	2.8
Communication	15,120	17,320	-12.7	NA
Power	71,187	83,151	-14.4	0.4
Sewage and waste disposal	417	600	-30.5	23.4
Water supply	696	417	66.9	10.6
Manufacturing	48,635	45,833	6.1	1.0
Total Public Construction²	271,178	279,023	-2.8	0.8
Residential	5,862	6,267	-6.5	4.1
Nonresidential	265,316	272,756	-2.7	0.8
Office	7,852	10,471	-25.0	1.9
Commercial	2,410	3,140	-23.2	5.9
Health care	10,780	11,030	-2.3	2.1
Educational	62,447	68,178	-8.4	1.8
Public safety	9,278	10,175	-8.8	2.7
Amusement and recreation	8,270	9,189	-10.0	3.5
Transportation	29,111	26,838	8.5	2.0
Power	12,348	10,917	13.1	5.0
Highway and street	81,147	80,358	1.0	1.9
Sewage and waste disposal	21,262	21,467	-1.0	2.3
Water supply	13,140	12,810	2.6	2.5
Conservation and development	5,873	6,289	-6.6	3.5

NA Not applicable ^PPreliminary

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

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