

# U.S. Census Bureau News

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

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## JANUARY 2014 CONSTRUCTION AT \$943.1 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during January 2014 was estimated at a seasonally adjusted annual rate of \$943.1 billion, 0.1 percent ( $\pm 1.5\%$ )\* above the revised December estimate of \$941.9 billion. The January figure is 9.3 percent ( $\pm 1.8\%$ ) above the January 2013 estimate of \$863.1 billion.

### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$670.8 billion, 0.5 percent ( $\pm 1.2\%$ )\* above the revised December estimate of \$667.5 billion. Residential construction was at a seasonally adjusted annual rate of \$359.9 billion in January, 1.1 percent ( $\pm 1.3\%$ )\* above the revised December estimate of \$356.0 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$310.9 billion in January, 0.2 percent ( $\pm 1.2\%$ )\* below the revised December estimate of \$311.5 billion.

### PUBLIC CONSTRUCTION

In January, the estimated seasonally adjusted annual rate of public construction spending was \$272.3 billion, 0.8 percent ( $\pm 2.5\%$ )\* below the revised December estimate of \$274.4 billion. Educational construction was at a seasonally adjusted annual rate of \$61.6 billion, 1.8 percent ( $\pm 6.4\%$ )\* below the revised December estimate of \$62.7 billion. Highway construction was at a seasonally adjusted annual rate of \$88.3 billion, 3.7 percent ( $\pm 5.3\%$ )\* above the revised December estimate of \$85.1 billion.

*February 2014 data will be released on April 1, 2014 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.*

*Discover the U.S. Census Bureau's economic statistics through the Economic Indicator Webinar Series. Each of the 13 economic indicators in this webinar series will provide an in-depth description of how the critical economic indicator data are collected and how you can access and use these statistics. Sessions include construction, housing, international trade, retail trade and more.*

### 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, 1.1 percent; private construction, 1.4 percent; and public construction, 1.6 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 2014 <sup>P</sup>	Dec 2013 <sup>F</sup>	Nov 2013 <sup>F</sup>	Oct 2013	Sep 2013	Jan 2013	Percent change Jan 2014 from -	
							Dec 2013	Jan 2013
<b>Total Construction</b>	<b>943,139</b>	<b>941,895</b>	<b>928,312</b>	<b>922,898</b>	<b>916,520</b>	<b>863,136</b>	<b>0.1</b>	<b>9.3</b>
Residential	364,462	361,213	352,634	345,872	346,112	319,852	0.9	13.9
Nonresidential	578,677	580,682	575,678	577,027	570,408	543,284	-0.3	6.5
Lodging	16,553	16,630	16,685	16,314	14,803	11,435	-0.5	44.8
Office	41,753	41,840	41,656	40,745	38,320	37,632	-0.2	11.0
Commercial	51,816	53,122	53,894	52,600	49,457	46,089	-2.5	12.4
Health care	38,723	39,209	39,705	41,811	40,493	40,545	-1.2	-4.5
Educational	77,818	79,123	79,584	80,063	76,736	79,420	-1.6	-2.0
Religious	3,222	3,303	3,355	3,424	3,152	3,667	-2.5	-12.1
Public safety	9,282	9,306	9,878	9,766	9,518	9,296	-0.3	-0.2
Amusement and recreation	13,537	14,989	15,002	15,402	15,488	14,100	-9.7	-4.0
Transportation	42,673	42,181	41,327	43,182	41,871	39,589	1.2	7.8
Communication	20,703	17,516	15,756	13,965	15,328	14,745	18.2	40.4
Power	83,879	88,327	83,333	82,808	86,479	82,211	-5.0	2.0
Highway and street	88,331	85,178	82,446	82,540	82,846	76,650	3.7	15.2
Sewage and waste disposal	20,464	21,384	21,595	22,709	22,850	20,030	-4.3	2.2
Water supply	12,865	12,646	14,041	13,847	13,653	13,974	1.7	-7.9
Conservation and development	5,559	6,176	6,013	6,505	6,225	5,827	-10.0	-4.6
Manufacturing	51,498	49,753	51,409	51,346	53,191	48,075	3.5	7.1
<b>Total Private Construction<sup>1</sup></b>	<b>670,799</b>	<b>667,480</b>	<b>654,868</b>	<b>646,284</b>	<b>644,729</b>	<b>597,419</b>	<b>0.5</b>	<b>12.3</b>
Residential	359,930	355,979	346,991	340,167	340,631	314,028	1.1	14.6
New single family	185,960	181,851	175,875	172,238	172,443	153,700	2.3	21.0
New multi-family	36,258	35,897	36,027	34,935	33,801	28,327	1.0	28.0
Nonresidential	310,870	311,500	307,877	306,117	304,098	283,391	-0.2	9.7
Lodging	16,156	16,258	16,261	15,841	14,255	10,933	-0.6	47.8
Office	34,095	34,110	33,982	32,622	30,850	29,135	0.0	17.0
Commercial	49,910	51,015	51,672	50,287	47,276	43,445	-2.2	14.9
Health care	28,884	29,340	29,239	30,798	29,674	30,060	-1.6	-3.9
Educational	16,262	16,468	15,944	17,451	16,585	15,991	-1.3	1.7
Religious	3,203	3,290	3,329	3,395	3,112	3,647	-2.6	-12.2
Amusement and recreation	6,148	6,206	6,592	6,662	6,895	5,401	-0.9	13.8
Transportation	12,085	12,204	12,403	12,991	12,662	11,210	-1.0	7.8
Communication	20,564	17,391	15,646	13,853	15,219	14,585	18.2	41.0
Power	71,045	74,788	70,526	70,404	73,875	70,398	-5.0	0.9
Manufacturing	51,090	49,243	50,954	50,563	52,392	47,334	3.8	7.9
<b>Total Public Construction<sup>2</sup></b>	<b>272,340</b>	<b>274,416</b>	<b>273,444</b>	<b>276,614</b>	<b>271,791</b>	<b>265,717</b>	<b>-0.8</b>	<b>2.5</b>
Residential	4,533	5,234	5,643	5,704	5,481	5,824	-13.4	-22.2
Nonresidential	267,807	269,182	267,801	270,910	266,310	259,893	-0.5	3.0
Office	7,658	7,730	7,674	8,124	7,470	8,497	-0.9	-9.9
Commercial	1,907	2,107	2,221	2,313	2,181	2,643	-9.5	-27.8
Health care	9,840	9,869	10,466	11,012	10,819	10,485	-0.3	-6.2
Educational	61,556	62,656	63,640	62,613	60,150	63,429	-1.8	-3.0
Public safety	9,111	9,133	9,613	9,619	9,401	9,170	-0.2	-0.6
Amusement and recreation	7,388	8,783	8,409	8,740	8,593	8,698	-15.9	-15.1
Transportation	30,589	29,977	28,924	30,191	29,209	28,379	2.0	7.8
Power	12,835	13,539	12,807	12,404	12,604	11,813	-5.2	8.7
Highway and street	88,297	85,144	82,409	82,306	82,634	76,579	3.7	15.3
Sewage and waste disposal	20,175	21,098	21,308	22,418	22,516	19,473	-4.4	3.6
Water supply	12,067	12,040	13,403	13,361	13,069	13,522	0.2	-10.8
Conservation and development	5,423	6,086	5,912	6,412	6,169	5,782	-10.9	-6.2

<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 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 2014 <sup>P</sup>	Dec 2013 <sup>F</sup>	Nov 2013 <sup>F</sup>	Oct 2013	Sep 2013	Jan 2013	Year-to-date		
							Jan 2014	Jan 2013	Percent change
<b>Total Construction</b>	<b>64,689</b>	<b>70,759</b>	<b>77,931</b>	<b>85,193</b>	<b>85,383</b>	<b>59,143</b>	<b>64,689</b>	<b>59,143</b>	<b>9.4</b>
Residential	24,278	25,551	29,249	32,848	32,212	20,985	24,278	20,985	15.7
Nonresidential	40,411	45,209	48,682	52,346	53,171	38,159	40,411	38,159	5.9
Lodging	1,379	1,386	1,390	1,360	1,234	953	1,379	953	44.7
Office	3,200	3,376	3,564	3,594	3,408	2,860	3,200	2,860	11.9
Commercial	3,665	4,071	4,573	4,656	4,533	3,233	3,665	3,233	13.4
Health care	2,977	3,187	3,332	3,583	3,596	3,142	2,977	3,142	-5.3
Educational	5,367	5,697	6,210	6,721	6,926	5,498	5,367	5,498	-2.4
Religious	247	266	292	313	280	287	247	287	-13.9
Public safety	708	764	840	818	911	711	708	711	-0.4
Amusement and recreation	986	1,191	1,274	1,409	1,412	1,017	986	1,017	-3.0
Transportation	3,001	3,342	3,554	3,951	3,912	2,769	3,001	2,769	8.4
Communication	1,457	1,724	1,368	1,290	1,300	1,022	1,457	1,022	42.6
Power	6,562	7,392	7,288	7,315	7,456	6,491	6,562	6,491	1.1
Highway and street	4,233	5,218	6,991	8,853	9,462	3,713	4,233	3,713	14.0
Sewage and waste disposal	1,418	1,674	1,905	2,160	2,141	1,409	1,418	1,409	0.6
Water supply	894	970	1,194	1,279	1,238	974	894	974	-8.2
Conservation and development	417	514	498	552	661	440	417	440	-5.2
Manufacturing	3,902	4,437	4,410	4,493	4,702	3,642	3,902	3,642	7.1
<b>Total Private Construction<sup>1</sup></b>	<b>47,487</b>	<b>51,062</b>	<b>55,191</b>	<b>59,370</b>	<b>58,297</b>	<b>42,070</b>	<b>47,487</b>	<b>42,070</b>	<b>12.9</b>
Residential	23,936	25,130	28,783	32,360	31,688	20,550	23,936	20,550	16.5
New single family	12,730	13,342	15,236	15,607	16,143	10,486	12,730	10,486	21.4
New multi-family	2,776	2,784	3,064	2,968	2,815	2,157	2,776	2,157	28.7
Nonresidential	23,551	25,932	26,408	27,011	26,609	21,519	23,551	21,519	9.4
Lodging	1,346	1,355	1,355	1,320	1,188	911	1,346	911	47.7
Office	2,623	2,757	2,928	2,904	2,697	2,221	2,623	2,221	18.1
Commercial	3,525	3,894	4,380	4,470	4,312	3,035	3,525	3,035	16.1
Health care	2,219	2,375	2,477	2,690	2,575	2,316	2,219	2,316	-4.2
Educational	1,175	1,240	1,241	1,441	1,395	1,163	1,175	1,163	1.0
Religious	245	265	290	311	276	285	245	285	-14.0
Amusement and recreation	480	498	557	583	606	420	480	420	14.3
Transportation	839	1,004	1,102	1,233	1,188	804	839	804	4.4
Communication	1,445	1,714	1,359	1,280	1,291	1,008	1,445	1,008	43.4
Power	5,678	6,335	6,229	6,236	6,324	5,686	5,678	5,686	-0.1
Manufacturing	3,868	4,394	4,372	4,428	4,635	3,580	3,868	3,580	8.0
<b>Total Public Construction<sup>2</sup></b>	<b>17,202</b>	<b>19,697</b>	<b>22,741</b>	<b>25,823</b>	<b>27,086</b>	<b>17,074</b>	<b>17,202</b>	<b>17,074</b>	<b>0.7</b>
Residential	342	420	466	488	524	434	342	434	-21.2
Nonresidential	16,860	19,277	22,275	25,335	26,562	16,639	16,860	16,639	1.3
Office	577	618	636	690	711	638	577	638	-9.6
Commercial	140	177	193	186	221	198	140	198	-29.3
Health care	758	813	855	894	1,021	826	758	826	-8.2
Educational	4,192	4,457	4,969	5,280	5,531	4,336	4,192	4,336	-3.3
Public safety	696	750	819	805	902	702	696	702	-0.9
Amusement and recreation	506	692	717	826	806	597	506	597	-15.2
Transportation	2,162	2,338	2,452	2,717	2,724	1,965	2,162	1,965	10.0
Power	883	1,057	1,059	1,079	1,132	805	883	805	9.7
Highway and street	4,230	5,215	6,987	8,833	9,442	3,708	4,230	3,708	14.1
Sewage and waste disposal	1,396	1,651	1,880	2,133	2,111	1,367	1,396	1,367	2.1
Water supply	834	917	1,135	1,232	1,180	943	834	943	-11.6
Conservation and development	405	506	489	544	657	436	405	436	-7.1

<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>0.8</b>	<b>1.1</b>	<b>0.9</b>	<b>1.1</b>
Residential	5.7	4.2	3.6	4.4	3.6
Nonresidential	1.0	0.8	1.1	0.9	1.1
Lodging	3.4	4.7	6.0	2.3	6.0
Office	2.7	2.1	3.7	2.5	3.7
Commercial	2.7	2.4	2.9	1.7	2.9
Health care	2.1	2.2	2.6	1.4	2.6
Educational	2.7	2.8	3.2	3.1	3.2
Religious	6.8	8.1	9.1	8.3	9.1
Public safety	3.8	4.3	4.9	3.5	4.9
Amusement and recreation	3.8	3.0	4.7	3.4	4.7
Transportation	2.6	2.5	2.9	1.9	2.9
Communication	NA	NA	NA	NA	NA
Power	0.6	0.5	0.6	0.3	0.6
Highway and street	3.4	3.0	5.7	3.2	5.7
Sewage and waste disposal	4.6	3.7	5.4	3.4	5.4
Water supply	4.1	3.8	5.0	4.1	5.0
Conservation and development	5.1	3.5	5.6	3.5	5.6
Manufacturing	1.3	0.8	1.6	0.7	1.6
<b>Total Private Construction</b>	<b>0.9</b>	<b>0.9</b>	<b>1.2</b>	<b>0.7</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	6.3	5.8	8.3	2.0	8.3
Nonresidential	0.9	0.9	1.2	0.7	1.2
Lodging	3.3	4.8	6.2	2.4	6.2
Office	3.4	2.6	4.8	3.1	4.8
Commercial	2.9	2.5	3.1	1.8	3.1
Health care	2.6	2.8	3.3	1.6	3.3
Educational	3.5	2.8	4.0	2.1	4.0
Religious	6.9	8.2	9.1	8.3	9.1
Amusement and recreation	4.9	4.2	6.4	1.9	6.4
Transportation	4.0	4.1	3.7	1.4	3.7
Communication	NA	NA	NA	NA	NA
Power	0.3	0.2	0.2	0.1	0.2
Manufacturing	1.4	0.9	1.7	0.7	1.7
<b>Total Public Construction</b>	<b>1.5</b>	<b>1.4</b>	<b>1.8</b>	<b>1.5</b>	<b>1.8</b>
Residential	5.7	4.2	3.6	4.4	3.6
Nonresidential	1.6	1.4	1.9	1.5	1.9
Office	3.4	3.2	3.4	2.4	3.4
Commercial	7.9	5.8	7.5	3.4	7.5
Health care	2.9	3.7	3.0	2.2	3.0
Educational	3.2	3.4	4.0	3.9	4.0
Public safety	3.8	4.4	4.9	3.6	4.9
Amusement and recreation	5.4	4.3	6.3	4.8	6.3
Transportation	2.8	2.7	3.2	2.2	3.2
Power	7.7	6.7	7.9	3.0	7.9
Highway and street	3.4	3.0	5.7	3.2	5.7
Sewage and waste disposal	4.7	3.7	5.5	3.4	5.5
Water supply	4.3	4.0	5.0	4.2	5.0
Conservation and development	5.1	3.2	5.4	3.3	5.4

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 <sup>†</sup>	2012	Percent change	Coefficient of Variation
<b>Total Construction</b>	<b>899,206</b>	<b>856,953</b>	<b>4.9</b>	<b>0.5</b>
Residential	337,270	286,524	17.7	4.1
Nonresidential	561,936	570,429	-1.5	0.5
Lodging	14,356	11,423	25.7	3.1
Office	38,584	38,433	0.4	2.1
Commercial	49,144	46,303	6.1	1.7
Health care	40,553	41,797	-3.0	1.6
Educational	79,355	84,618	-6.2	1.5
Religious	3,457	3,768	-8.3	4.2
Public safety	9,418	10,295	-8.5	2.7
Amusement and recreation	14,440	14,977	-3.6	2.5
Transportation	41,266	38,210	8.0	1.8
Communication	15,513	17,528	-11.5	NA
Power	83,730	94,068	-11.0	0.5
Highway and street	81,302	80,517	1.0	1.9
Sewage and waste disposal	21,787	22,066	-1.3	2.3
Water supply	13,831	13,227	4.6	2.4
Conservation and development	5,918	6,350	-6.8	3.4
Manufacturing	49,283	46,850	5.2	1.0
<b>Total Private Construction<sup>1</sup></b>	<b>627,447</b>	<b>577,930</b>	<b>8.6</b>	<b>0.7</b>
Residential	331,355	280,257	18.2	1.1
New single family	168,872	132,015	27.9	4.0
New multi-family	32,063	22,231	44.2	5.6
Nonresidential	296,091	297,673	-0.5	0.7
Lodging	13,864	10,783	28.6	3.1
Office	30,678	27,963	9.7	2.6
Commercial	46,734	43,163	8.3	1.7
Health care	29,736	30,767	-3.4	2.0
Educational	16,556	16,440	0.7	2.7
Religious	3,429	3,739	-8.3	4.2
Public safety	130	121	7.4	24.0
Amusement and recreation	6,132	5,788	5.9	3.6
Transportation	12,205	11,372	7.3	2.8
Communication	15,350	17,320	-11.4	NA
Power	71,396	83,151	-14.1	0.4
Sewage and waste disposal	418	600	-30.3	23.4
Water supply	694	417	66.4	10.6
Manufacturing	48,561	45,833	6.0	1.0
<b>Total Public Construction<sup>2</sup></b>	<b>271,760</b>	<b>279,023</b>	<b>-2.6</b>	<b>0.8</b>
Residential	5,915	6,267	-5.6	4.1
Nonresidential	265,845	272,756	-2.5	0.8
Office	7,906	10,471	-24.5	1.9
Commercial	2,410	3,140	-23.2	5.9
Health care	10,816	11,030	-1.9	2.1
Educational	62,800	68,178	-7.9	1.8
Public safety	9,288	10,175	-8.7	2.7
Amusement and recreation	8,308	9,189	-9.6	3.5
Transportation	29,061	26,838	8.3	2.0
Power	12,334	10,917	13.0	5.0
Highway and street	81,168	80,358	1.0	1.9
Sewage and waste disposal	21,369	21,467	-0.5	2.3
Water supply	13,137	12,810	2.6	2.5
Conservation and development	5,844	6,289	-7.1	3.5

NA Not applicable <sup>†</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.