

# U.S. Census Bureau News

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

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## JANUARY 2015 CONSTRUCTION AT \$971.4 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during January 2015 was estimated at a seasonally adjusted annual rate of \$971.4 billion, 1.1 percent ( $\pm 1.2\%$ )\* below the revised December estimate of \$982.0 billion. The January figure is 1.8 percent ( $\pm 1.6\%$ ) above the January 2014 estimate of \$954.6 billion.

### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$697.6 billion, 0.5 percent ( $\pm 1.0\%$ )\* below the revised December estimate of \$700.9 billion. Residential construction was at a seasonally adjusted annual rate of \$351.7 billion in January, 0.6 percent ( $\pm 1.3\%$ )\* above the revised December estimate of \$349.5 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$345.9 billion in January, 1.6 percent ( $\pm 1.0\%$ ) below the revised December estimate of \$351.5 billion.

### PUBLIC CONSTRUCTION

In January, the estimated seasonally adjusted annual rate of public construction spending was \$273.8 billion, 2.6 percent ( $\pm 2.0\%$ ) below the revised December estimate of \$281.1 billion. Educational construction was at a seasonally adjusted annual rate of \$58.9 billion, 3.4 percent ( $\pm 4.1\%$ )\* below the revised December estimate of \$60.9 billion. Highway construction was at a seasonally adjusted annual rate of \$88.3 billion, 0.6 percent ( $\pm 4.8\%$ )\* above the revised December estimate of \$87.8 billion.

*February 2015 data will be released on April 1, 2015 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.*

*The U.S. Census Bureau updated its Application Programming Interface (API) with monthly and quarterly economic indicators. The API allows developers to combine Census Bureau statistics with other data sets to create tools for research on a variety of topics.*

### 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, 0.75 percent; private construction, 0.86 percent; and public construction, 1.22 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 2015 <sup>P</sup>	Dec 2014 <sup>r</sup>	Nov 2014 <sup>r</sup>	Oct 2014	Sep 2014	Jan 2014	Percent change Jan 2015 from -	
							Dec 2014	Jan 2014
<b>Total Construction</b>	<b>971,384</b>	<b>982,023</b>	<b>974,301</b>	<b>980,422</b>	<b>966,432</b>	<b>954,642</b>	<b>-1.1</b>	<b>1.8</b>
Residential	357,247	355,073	352,433	353,053	351,900	368,903	0.6	-3.2
Nonresidential	614,137	626,950	621,868	627,370	614,531	585,740	-2.0	4.8
Lodging	17,058	17,840	17,953	17,449	17,336	14,432	-4.4	18.2
Office	46,842	47,663	47,010	47,984	46,892	41,199	-1.7	13.7
Commercial	59,137	62,728	62,161	61,365	60,456	51,878	-5.7	14.0
Health care	38,232	39,152	39,045	39,500	38,876	39,219	-2.3	-2.5
Educational	74,334	77,141	77,426	79,791	79,175	74,640	-3.6	-0.4
Religious	3,062	3,455	3,476	3,496	3,623	3,496	-11.4	-12.4
Public safety	8,368	8,971	9,187	10,133	9,162	9,792	-6.7	-14.5
Amusement and recreation	18,007	18,599	17,745	17,595	17,170	15,095	-3.2	19.3
Transportation	42,892	43,615	44,330	43,569	41,162	39,387	-1.7	8.9
Communication	15,981	15,875	15,469	15,441	15,708	16,232	0.7	-1.5
Power	93,589	94,640	94,239	97,586	98,405	107,855	-1.1	-13.2
Highway and street	88,578	88,415	87,399	87,943	83,697	81,468	0.2	8.7
Sewage and waste disposal	23,120	24,984	23,869	23,285	22,759	19,934	-7.5	16.0
Water supply	12,629	13,652	13,279	13,465	13,569	12,221	-7.5	3.3
Conservation and development	7,745	8,160	8,196	8,476	8,141	6,168	-5.1	25.6
Manufacturing	64,564	62,061	61,084	60,291	58,400	52,724	4.0	22.5
<b>Total Private Construction<sup>1</sup></b>	<b>697,597</b>	<b>700,909</b>	<b>697,930</b>	<b>694,872</b>	<b>692,110</b>	<b>694,062</b>	<b>-0.5</b>	<b>0.5</b>
Residential	351,722	349,455	346,925	347,932	346,385	364,078	0.6	-3.4
New single family	204,885	203,678	201,027	198,364	194,138	186,850	0.6	9.7
New multi-family	48,753	47,827	47,287	46,971	46,604	37,557	1.9	29.8
Nonresidential	345,875	351,454	351,005	346,940	345,725	329,984	-1.6	4.8
Lodging	16,590	17,428	17,496	17,040	16,729	14,089	-4.8	17.8
Office	38,666	39,243	39,298	39,941	39,483	33,646	-1.5	14.9
Commercial	57,325	60,758	60,079	59,117	58,560	50,279	-5.7	14.0
Health care	29,267	29,698	29,468	28,899	29,017	29,014	-1.5	0.9
Educational	15,479	16,229	16,814	16,618	16,757	16,143	-4.6	-4.1
Religious	3,057	3,455	3,475	3,481	3,605	3,475	-11.5	-12.0
Amusement and recreation	8,699	8,926	8,334	8,429	7,973	7,107	-2.5	22.4
Transportation	12,666	13,113	13,462	11,552	11,397	10,914	-3.4	16.1
Communication	15,851	15,714	15,334	15,247	15,510	16,068	0.9	-1.4
Power	82,761	83,469	84,740	85,254	87,389	95,629	-0.8	-13.5
Manufacturing	64,099	61,541	60,634	59,727	57,891	52,307	4.2	22.5
<b>Total Public Construction<sup>2</sup></b>	<b>273,787</b>	<b>281,114</b>	<b>276,371</b>	<b>285,551</b>	<b>274,322</b>	<b>260,580</b>	<b>-2.6</b>	<b>5.1</b>
Residential	5,525	5,618	5,508	5,121	5,516	4,825	-1.7	14.5
Nonresidential	268,262	275,496	270,863	280,430	268,806	255,755	-2.6	4.9
Office	8,176	8,420	7,712	8,043	7,409	7,553	-2.9	8.2
Commercial	1,812	1,970	2,082	2,248	1,896	1,599	-8.0	13.3
Health care	8,966	9,454	9,577	10,601	9,859	10,206	-5.2	-12.1
Educational	58,856	60,912	60,612	63,173	62,418	58,497	-3.4	0.6
Public safety	8,126	8,658	8,869	9,821	8,884	9,643	-6.1	-15.7
Amusement and recreation	9,308	9,673	9,412	9,166	9,198	7,988	-3.8	16.5
Transportation	30,226	30,502	30,868	32,017	29,765	28,473	-0.9	6.2
Power	10,828	11,171	9,499	12,332	11,016	12,226	-3.1	-11.4
Highway and street	88,276	87,790	86,908	87,609	83,520	81,427	0.6	8.4
Sewage and waste disposal	22,827	24,729	23,619	23,036	22,528	19,607	-7.7	16.4
Water supply	12,187	13,125	12,722	12,905	13,070	11,545	-7.1	5.6
Conservation and development	7,609	7,997	7,938	8,296	7,912	6,048	-4.9	25.8

<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 2015 <sup>P</sup>	Dec 2014 <sup>F</sup>	Nov 2014 <sup>F</sup>	Oct 2014	Sep 2014	Jan 2014	Year-to-date		
							Jan 2015	Jan 2014	Percent change
<b>Total Construction</b>	<b>67,298</b>	<b>75,988</b>	<b>82,054</b>	<b>90,522</b>	<b>89,530</b>	<b>66,486</b>	<b>67,298</b>	<b>66,486</b>	<b>1.2</b>
Residential	24,262	26,020	29,173	32,966	32,340	25,074	24,262	25,074	-3.2
Nonresidential	43,036	49,968	52,881	57,556	57,190	41,412	43,036	41,412	3.9
Lodging	1,422	1,487	1,496	1,454	1,445	1,203	1,422	1,203	18.2
Office	3,580	3,950	3,981	4,265	4,240	3,154	3,580	3,154	13.5
Commercial	4,279	4,969	5,276	5,552	5,561	3,715	4,279	3,715	15.2
Health care	2,954	3,223	3,292	3,407	3,507	3,033	2,954	3,033	-2.6
Educational	5,123	5,613	6,016	6,701	7,156	5,190	5,123	5,190	-1.3
Religious	233	283	299	313	330	267	233	267	-12.7
Public safety	641	743	783	843	900	757	641	757	-15.3
Amusement and recreation	1,307	1,494	1,518	1,616	1,566	1,107	1,307	1,107	18.1
Transportation	2,972	3,505	3,886	4,048	3,866	2,752	2,972	2,752	8.0
Communication	1,081	1,571	1,306	1,410	1,392	1,127	1,081	1,127	-4.1
Power	7,317	8,382	8,720	8,998	8,064	8,530	7,317	8,530	-14.2
Highway and street	4,201	5,511	7,307	9,446	9,641	3,863	4,201	3,863	8.7
Sewage and waste disposal	1,554	1,960	2,094	2,244	2,170	1,380	1,554	1,380	12.6
Water supply	911	1,063	1,135	1,234	1,232	864	911	864	5.4
Conservation and development	568	698	656	701	866	459	568	459	23.7
Manufacturing	4,894	5,518	5,116	5,327	5,254	4,013	4,894	4,013	22.0
<b>Total Private Construction<sup>1</sup></b>	<b>50,131</b>	<b>55,582</b>	<b>59,147</b>	<b>63,694</b>	<b>62,020</b>	<b>49,943</b>	<b>50,131</b>	<b>49,943</b>	<b>0.4</b>
Residential	23,860	25,565	28,715	32,510	31,823	24,710	23,860	24,710	-3.4
New single family	14,070	14,970	17,413	17,944	18,095	12,761	14,070	12,761	10.3
New multi-family	3,705	3,737	3,924	4,027	3,951	2,881	3,705	2,881	28.6
Nonresidential	26,271	30,016	30,432	31,183	30,197	25,233	26,271	25,233	4.1
Lodging	1,383	1,452	1,458	1,420	1,394	1,174	1,383	1,174	17.8
Office	2,966	3,258	3,352	3,587	3,545	2,590	2,966	2,590	14.5
Commercial	4,149	4,804	5,095	5,368	5,368	3,596	4,149	3,596	15.4
Health care	2,253	2,437	2,495	2,547	2,585	2,226	2,253	2,226	1.2
Educational	1,116	1,230	1,298	1,387	1,408	1,177	1,116	1,177	-5.2
Religious	232	283	299	312	329	265	232	265	-12.5
Amusement and recreation	684	731	702	748	700	560	684	560	22.1
Transportation	861	1,115	1,246	1,087	1,062	740	861	740	16.4
Communication	1,070	1,557	1,295	1,393	1,376	1,113	1,070	1,113	-3.9
Power	6,595	7,513	7,941	7,908	7,090	7,712	6,595	7,712	-14.5
Manufacturing	4,855	5,475	5,078	5,280	5,211	3,978	4,855	3,978	22.0
<b>Total Public Construction<sup>2</sup></b>	<b>17,167</b>	<b>20,407</b>	<b>22,906</b>	<b>26,828</b>	<b>27,510</b>	<b>16,543</b>	<b>17,167</b>	<b>16,543</b>	<b>3.8</b>
Residential	402	455	458	455	517	364	402	364	10.4
Nonresidential	16,765	19,952	22,449	26,373	26,993	16,179	16,765	16,179	3.6
Office	614	692	629	679	695	563	614	563	9.1
Commercial	130	164	181	184	193	119	130	119	9.2
Health care	701	786	797	860	922	807	701	807	-13.1
Educational	4,006	4,382	4,718	5,314	5,747	4,013	4,006	4,013	-0.2
Public safety	623	718	755	814	876	746	623	746	-16.5
Amusement and recreation	623	763	817	868	865	547	623	547	13.9
Transportation	2,111	2,390	2,640	2,961	2,804	2,012	2,111	2,012	4.9
Power	722	869	779	1,090	974	817	722	817	-11.6
Highway and street	4,180	5,455	7,254	9,415	9,624	3,860	4,180	3,860	8.3
Sewage and waste disposal	1,532	1,940	2,073	2,222	2,150	1,356	1,532	1,356	13.0
Water supply	877	1,018	1,085	1,182	1,184	811	877	811	8.1
Conservation and development	557	684	635	686	847	449	557	449	24.1

<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>0.9</b>	<b>0.8</b>	<b>1.0</b>	<b>0.7</b>	<b>1.0</b>
Residential	5.7	5.1	5.6	3.9	5.6
Nonresidential	0.9	0.8	1.0	0.7	1.0
Lodging	3.0	2.4	4.8	1.3	4.8
Office	1.8	1.8	2.7	1.2	2.7
Commercial	2.2	2.4	3.2	1.6	3.2
Health care	2.0	1.7	2.3	1.0	2.3
Educational	2.4	2.0	3.0	2.0	3.0
Religious	6.4	6.4	9.2	2.8	9.2
Public safety	3.7	3.3	4.0	2.7	4.0
Amusement and recreation	4.1	3.2	4.6	2.2	4.6
Transportation	2.6	2.0	2.8	2.4	2.8
Communication	NA	NA	NA	NA	NA
Power	0.4	0.3	0.3	0.3	0.3
Highway and street	3.5	3.7	5.7	2.9	5.7
Sewage and waste disposal	3.7	3.9	5.6	3.5	5.6
Water supply	4.7	5.6	7.3	3.3	7.3
Conservation and development	3.1	2.9	5.2	2.2	5.2
Manufacturing	0.8	0.8	2.1	0.5	2.1
<b>Total Private Construction</b>	<b>0.8</b>	<b>0.8</b>	<b>1.0</b>	<b>0.6</b>	<b>1.0</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	5.4	6.2	7.0	4.0	7.0
Nonresidential	0.8	0.8	1.0	0.6	1.0
Lodging	3.0	2.4	4.9	1.3	4.9
Office	2.1	2.1	3.0	1.3	3.0
Commercial	2.3	2.5	3.3	1.6	3.3
Health care	2.5	2.1	3.1	1.2	3.1
Educational	3.2	2.4	3.7	1.6	3.7
Religious	6.4	6.4	9.3	2.8	9.3
Amusement and recreation	4.8	4.6	6.1	2.6	6.1
Transportation	5.9	5.6	5.1	2.6	5.1
Communication	NA	NA	NA	NA	NA
Power	0.2	0.2	0.2	0.2	0.2
Manufacturing	0.9	0.8	2.1	0.5	2.1
<b>Total Public Construction</b>	<b>1.4</b>	<b>1.3</b>	<b>1.8</b>	<b>1.2</b>	<b>1.8</b>
Residential	5.7	5.1	5.6	3.9	5.6
Nonresidential	1.5	1.3	1.9	1.2	1.9
Office	2.9	2.9	4.0	2.2	4.0
Commercial	6.6	5.7	7.9	5.8	7.9
Health care	2.7	2.3	2.9	1.7	2.9
Educational	2.9	2.5	3.6	2.5	3.6
Public safety	3.8	3.3	4.0	2.7	4.0
Amusement and recreation	5.9	4.4	6.8	3.2	6.8
Transportation	2.8	2.1	3.1	2.6	3.1
Power	5.0	2.0	7.3	2.3	7.3
Highway and street	3.5	3.7	5.7	2.9	5.7
Sewage and waste disposal	3.8	3.9	5.6	3.6	5.6
Water supply	4.9	5.9	7.8	3.5	7.8
Conservation and development	3.1	2.9	5.2	2.2	5.2

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	2014 <sup>f</sup>	2013	Percent change	Coefficient of Variation
<b>Total Construction</b>	<b>960,200</b>	<b>910,764</b>	<b>5.4</b>	<b>0.5</b>
Residential	354,095	342,203	3.5	3.7
Nonresidential	606,105	568,561	6.6	0.5
Lodging	16,103	13,585	18.5	2.5
Office	44,619	37,620	18.6	1.5
Commercial	57,244	50,992	12.3	1.4
Health care	38,976	41,484	-6.0	1.5
Educational	78,363	77,996	0.5	1.4
Religious	3,559	3,678	-3.2	4.2
Public safety	9,312	9,652	-3.5	2.4
Amusement and recreation	16,682	15,513	7.5	2.5
Transportation	41,875	39,731	5.4	1.7
Communication	16,074	17,294	-7.1	17.5
Power	100,622	90,639	11.0	0.3
Highway and street	84,259	81,212	3.8	1.6
Sewage and waste disposal	22,628	21,676	4.4	2.4
Water supply	12,944	13,515	-4.2	2.9
Conservation and development	7,512	6,028	24.6	2.1
Manufacturing	55,336	47,945	15.4	0.8
<b>Total Private Construction<sup>1</sup></b>	<b>686,219</b>	<b>641,146</b>	<b>7.0</b>	<b>0.6</b>
Residential	348,883	336,209	3.8	1.1
New single family	191,574	170,768	12.2	4.0
New multi-family	43,509	32,330	34.6	4.7
Nonresidential	337,335	304,937	10.6	0.6
Lodging	15,604	13,133	18.8	2.5
Office	36,876	29,785	23.8	1.8
Commercial	55,391	48,743	13.6	1.4
Health care	28,943	30,347	-4.6	1.9
Educational	16,466	16,736	-1.6	2.5
Religious	3,550	3,652	-2.8	4.2
Public safety	208	123	69.1	NA
Amusement and recreation	7,688	7,222	6.5	3.4
Transportation	11,938	11,044	8.1	3.8
Communication	15,897	17,130	-7.2	NA
Power	88,787	78,549	13.0	0.2
Sewage and waste disposal	272	437	-37.8	NA
Water supply	558	618	-9.7	NA
Manufacturing	54,795	47,226	16.0	0.8
<b>Total Public Construction<sup>2</sup></b>	<b>273,981</b>	<b>269,618</b>	<b>1.6</b>	<b>0.7</b>
Residential	5,212	5,994	-13.0	3.7
Nonresidential	268,769	263,624	2.0	0.7
Office	7,743	7,835	-1.2	1.8
Commercial	1,853	2,249	-17.6	5.0
Health care	10,033	11,137	-9.9	2.2
Educational	61,896	61,261	1.0	1.6
Public safety	9,104	9,529	-4.5	2.4
Amusement and recreation	8,994	8,290	8.5	3.7
Transportation	29,937	28,687	4.4	1.8
Power	11,835	12,090	-2.1	2.8
Highway and street	84,048	81,099	3.6	1.6
Sewage and waste disposal	22,356	21,240	5.3	2.5
Water supply	12,386	12,897	-4.0	3.0
Conservation and development	7,360	5,949	23.7	2.1

NA Not applicable <sup>f</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.