# U.S. Census Bureau News

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

For Release at 10:00 A.M. EDT, Wednesday, April 1, 2015

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

CB15-60

## FEBRUARY 2015 CONSTRUCTION AT \$967.2 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during February 2015 was estimated at a seasonally adjusted annual rate of \$967.2 billion, 0.1 percent  $(\pm 1.2\%)^*$  below the revised January estimate of \$967.9 billion. The February figure is 2.1 percent  $(\pm 1.6\%)$  above the February 2014 estimate of \$947.1 billion.

During the first 2 months of this year, construction spending amounted to \$132.9 billion, 2.0 percent ( $\pm 1.5\%$ ) above the \$130.3 billion for the same period in 2014.

#### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$698.2 billion, 0.2 percent  $(\pm 1.0\%)^*$  above the revised January estimate of \$696.9 billion. Residential construction was at a seasonally adjusted annual rate of \$349.9 billion in February, 0.2 percent  $(\pm 1.3\%)^*$  below the revised January estimate of \$350.5 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$348.4 billion in February, 0.5 percent  $(\pm 1.0\%)^*$  above the revised January estimate of \$346.5 billion.

#### PUBLIC CONSTRUCTION

In February, the estimated seasonally adjusted annual rate of public construction spending was \$268.9 billion, 0.8 percent  $(\pm 2.0\%)^*$  below the revised January estimate of \$271.0 billion. Educational construction was at a seasonally adjusted annual rate of \$59.1 billion, 0.2 percent  $(\pm 3.1\%)^*$  above the revised January estimate of \$58.9 billion. Highway construction was at a seasonally adjusted annual rate of \$82.8 billion, 0.2 percent  $(\pm 5.4\%)^*$  below the revised January estimate of \$83.0 billion.

March 2015 data will be released on May 1, 2015 at 10:00 A.M. EDT. For more detailed data and methodologies, go to our website: http://www.census.gov/constructionspending

To learn more about this release and the other indicators the U.S. Census Bureau publishes, join us for the Investigating Economic Indicators Webinar Series. For more information, visit <u>www.census.gov/econ/webinar</u>.

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.

In the May 2015 press release, normal revisions to the unadjusted and seasonally adjusted data will revise back to January 2013.

\* 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>r</sup>	Dec 2014 <sup>r</sup>	Nov 2014	Oct 2014	Feb 2014	Percent change Feb 2015 from -	
	Feb 2015 <sup>p</sup>						Jan 2015	Feb 2014
Total Construction	967,170	967,930	984,502	974,301	980,422	947,088	-0.1	2.1
Residential	355,625	356,053	355,209	352,433	353,053	362,334	-0.1	-1.9
Nonresidential	611,545	611,877	629,293	621,868	627,370	584,754	-0.1	4.6
Lodging	16,684	15,882	17,881	17,953	17,449	15,119	5.0	10.4
Office	48,909	47,758	48,154	47,010	47,984	41,098	2.4	19.0
Commercial	59,571	60,753	62,969	62,161	61,365	52,488	-1.9	13.5
Health care	37,372	37,700	38,972	39,045	39,500	39,115	-0.9	-4.5
Educational	74,673	74,437	78,052	77,426	79,791	75,116	0.3	-0.6
Religious	3,127	3,286	3,552	3,476	3,496	3,487	-4.8	-10.3
Public safety	8,259	8,442	9,164	9,187	10,133	9,141	-2.2	-9.6
Amusement and recreation	18,263	17,898	18,653	17,745	17,595	14,904	2.0	22.5
Transportation	43,237	42,981	43,506	44,330	43,569	39,559	0.6	9.3 -15.5
Communication Power	14,977 89,273	15,943 93,501	15,857 96,242	15,469 94,239	15,441 97,586	17,730 107,767	-6.1 -4.5	-15.5
Highway and street	83,298	83,311	90,242 84,644	94,239 87,399	97,580 87,943	80,636	-4.5	3.3
Sewage and waste disposal	23,598	23,939	25,667	23,869	23,285	19,680	-1.4	19.9
Water supply	12,165	13,199	13,606	13,279	13,465	11,332	-7.8	7.4
Conservation and development	8,490	7,649	8,192	8,196	8,476	7,086	11.0	19.8
Manufacturing	69,650	65,198	64,184	61,084	60,291	50,498	6.8	37.9
-								
Total Private Construction <sup>1</sup>	698,237	696,948	704,483	697,930	694,872	686,201	0.2	1.8
Residential	349,852	350,469	349,643	346,925	347,932	357,267	-0.2	-2.1
New single family	203,867	206,826	204,172	201,027	198,364	185,822	-1.4	9.7
New multi-family	50,869	48,855	48,882	47,287	46,971	38,671	4.1	31.5
Nonresidential	348,385	346,480	354,840	351,005	346,940	328,933	0.5	5.9
Lodging	16,224	15,373	17,426	17,496	17,040	14,803	5.5	9.6
Office	40,852	39,792	40,097	39,298	39,941	33,259	2.7	22.8
Commercial	57,556	58,955	61,006	60,079	59,117	50,895	-2.4	13.1
Health care	28,666	28,869	29,518	29,468	28,899	28,684	-0.7	-0.1
Educational	15,618	15,508	16,164	16,814	16,618	15,892	0.7	-1.7
Religious	3,120	3,281	3,552	3,475	3,481	3,479	-4.9	-10.3
Amusement and recreation	8,545	8,352	9,139	8,334	8,429	7,041	2.3	21.4
Transportation	12,847	12,792	13,207	13,462	11,552	11,053	0.4	16.2
Communication	14,834	15,803	15,684	15,334	15,247	17,523	-6.1	-15.3
Power	79,332	81,664	83,509	84,740	85,254	95,387	-2.9	-16.8
Manufacturing	69,141	64,739	63,658	60,634	59,727	49,842	6.8	38.7
Total Public Construction <sup>2</sup>	268,933	270,982	280,019	276,371	285,551	260,887	-0.8	3.1
Residential	5,773	5,585	5,566	5,508	5,121	5,067	3.4	13.9
Nonresidential	263,160	265,398	274,453	270,863	280,430	255,820	-0.8	2.9
Office	8,057	7,966	8,057	7,712	8,043	7,840	1.1	2.8
Commercial	2,015	1,799	1,963	2,082	2,248	1,593	12.0	26.5
Health care	8,706	8,832	9,453	9,577	10,601	10,431	-1.4	-16.5
Educational	59,054	58,930	61,888	60,612	63,173	59,224	0.2	-0.3
Public safety	8,051	8,205	8,847	8,869	9,821	9,018	-1.9	-10.7
Amusement and recreation	9,718	9,546	9,514	9,412	9,166	7,863	1.8	23.6
Transportation	30,389	30,189	30,299	30,868	32,017	28,506	0.7	6.6
Power	9,940	11,837	12,733	9,499	12,332	12,380	-16.0	-19.7
Highway and street	82,836	83,038	84,040	86,908	87,609	80,598	-0.2	2.8
Sewage and waste disposal	23,397	23,707	25,443	23,619	23,036	19,361	-1.3	20.8
Water supply	11,565	12,708	13,036	12,722	12,905	10,800	-9.0	7.1
Conservation and development	8,313	7,527	8,028	7,938	8,296	7,022	10.4	18.4

<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	E.h		<b>D</b>				Year-to-date		
	Feb 2015 <sup>p</sup>	Jan 2015 <sup>r</sup>	Dec 2014 <sup>r</sup>	Nov 2014	Oct 2014	Feb 2014	Feb 2015	Feb 2014	Percent change
Total Construction	65,826	67,024	76,374	82,054	90,522	63,817	132,850	130,303	2.0
Residential	23,322	24,103	26,147	29,173	32,966	22,729	47,425	47,803	-0.8
Nonresidential	42,504	42,921	50,227	52,881	57,556	41,089	85,425	82,500	3.5
Lodging	1,390	1,324	1,490	1,496	1,454	1,260	2,714	2,463	10.2
Office	3,648	3,618	3,961	3,981	4,265	3,068	7,266	6,222	16.8
Commercial	4,360	4,433	5,001	5,276	5,552	3,827	8,793	7,541	16.6
Health care	2,866	2,891	3,227	3,292	3,407	3,027	5,756	6,060	-5.0
Educational	5,065	5,115	5,679	6,016	6,701	5,136	10,181	10,326	-1.4
Religious	240	253	289	299	313	270	493	537	-8.2
Public safety	607	655	765	783	843	677	1,262	1,434	-12.0
Amusement and recreation	1,307	1,294	1,484	1,518	1,616	1,080	2,601	2,186	19.0
Transportation	2,845	2,973	3,496	3,886	4,048	2,669	5,818	5,421	7.3
Communication	1,061	1,081	1,571	1,306	1,410	1,259	2,142	2,386	-10.2
Power	6,940	7,302	8,512	8,720	8,998	8,525	14,242	17,055	-16.5
Highway and street	3,941	3,931	5,265	7,307	9,446	3,851	7,872	7,714	2.0
Sewage and waste disposal	1,567	1,623	2,022	2,094	2,244	1,332	3,190	2,712	17.6
Water supply Conservation and development	866 645	959 567	1,060 694	1,135 656	1,234 701	803 533	1,825 1,212	1,667 992	9.5 22.2
Manufacturing	5,157	4,902	5,709	5,116	5,327	3,771	10,059	7,784	29.2
Total Private Construction <sup>1</sup>	49,002	49,941	56,010	59,147	63,694	47,324	98,944	97,267	1.7
Residential	22,908	23,698	25,699	28,715	32,510	22,366	46,606	47,076	-1.0
New single family	13,451	14,262	15,040	17,413	17,944	12,168	27,713	24,929	11.2
New multi-family	3,888	3,699	3,830	3,924	4,027	2,968	7,587	5,849	29.7
Nonresidential	26,095	26,243	30,311	30,432	31,183	24,959	52,338	50,191	4.3
Lodging	1,352	1,281	1,452	1,458	1,420	1,234	2,633	2,408	9.3
Office	3,057	3,020	3,303	3,352	3,587	2,498	6,076	5,088	19.4
Commercial	4,209	4,305	4,838	5,095	5,368	3,707	8,515	7,303	16.6
Health care	2,188	2,205	2,437	2,495	2,547	2,202	4,393	4,428	-0.8
Educational	1,124	1,119	1,226	1,298	1,387	1,155	2,243	2,333	-3.9
Religious	239	253	289	299	312	269	492	535	-8.0
Amusement and recreation	657	650	746	702	748	549	1,306	1,108	17.9
Transportation	771	868	1,120	1,246	1,087	677	1,639	1,417	15.7
Communication	1,049	1,070	1,557	1,295	1,393	1,242	2,119	2,355	-10.0
Power	6,225	6,507	7,518	7,941	7,908	7,636	12,733	15,349	-17.0
Manufacturing	5,115	4,863	5,665	5,078	5,280	3,716	9,978	7,695	29.7
Total Public Construction <sup>2</sup>	16,824	17,083	20,364	22,906	26,828	16,493	33,906	33,036	2.6
Residential	415	405	448	458	455	363	820	727	12.8
Nonresidential	16,409	16,678	19,915	22,449	26,373	16,130	33,087	32,309	2.4
Office	591	599	659	629	679	570	1,190	1,134	4.9
Commercial	150	128	163	181	184	119	278	238	16.8
Health care	678	685	790	797	860	825	1,363	1,633	-16.5
Educational	3,942	3,996	4,452	4,718	5,314	3,981	7,938	7,994	-0.7
Public safety	593	637	739	755	814	669	1,229	1,415	-13.1
Amusement and recreation	650	645	738	817	868	531	1,295	1,078	20.1
Transportation	2,074	2,105	2,375	2,640	2,961	1,992	4,179	4,004	4.4
Power	714	795	995	779	1,090	889	1,509	1,706	-11.5
Highway and street	3,913	3,912	5,211	7,254	9,415	3,849	7,825	7,709	1.5
Sewage and waste disposal	1,550	1,605	2,004	2,073	2,222	1,306	3,155	2,662	18.5
Water supply	829	922	1,012	1,085	1,182	772	1,751	1,583	10.6
Conservation and development	631	557	681	635	686	527	1,187	976	21.6

<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)

Time of Construction	Coefficient	of variation	Standard error Month-to-month				
Type of Construction	Monthly estimate	Year-to-date estimate	Year-to-date change	Month-to-month change	change from prev. year		
Total Construction	0.9	0.7	0.9	0.7	1.0		
Residential	5.7	5.1	4.5	3.0	4.5		
Nonresidential	0.9	0.7	0.9	0.7	1.0		
Lodging	2.7	2.3	5.0	1.8	5.3		
Office	1.8	1.7	2.6	1.2	2.7		
Commercial	2.2	2.2	2.9	1.9	3.0		
Health care	2.0	1.9	2.4	0.9	2.5		
Educational	2.4	1.8	2.7	1.6	3.1		
Religious	6.4	5.9	9.2	4.2	8.6		
Public safety	3.7	2.6	3.5	3.0	4.0		
Amusement and recreation	4.0	3.8	5.2	3.8	5.1		
Transportation	2.6	2.2	3.2	1.7	3.7		
Communication	NA	NA	NA	NA	NA		
Power	0.4	0.3	0.4	0.3	0.4		
Highway and street	3.5	3.0	4.5	3.3	4.6		
Sewage and waste disposal	3.7	3.7	5.2	3.6	5.5		
Water supply	4.8	5.1	6.1	4.7	5.9		
Conservation and development	3.3 0.9	3.9 1.0	5.5 1.8	1.9 0.6	5.6 1.5		
Manufacturing	0.9	1.0	1.0	0.6	C.1		
Total Private Construction	0.8	0.7	1.0	0.6	1.0		
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	5.3	5.4	7.6	2.3	8.8		
Nonresidential	0.8	0.7	1.0	0.6	1.0		
Lodging	2.8	2.4	5.0	1.8	5.4		
Office	2.1	1.9	3.0	1.3	3.0		
Commercial	2.3	2.2	3.0	1.9	3.1		
Health care	2.5	2.4	3.2	1.1	3.3		
Educational	3.2	2.5	3.4	1.6	3.5		
Religious	6.4	6.0	9.2	4.2	8.7		
Amusement and recreation	4.7	4.4	6.1	2.7	6.5		
Transportation	5.9	6.0	4.8	3.1	4.4		
Communication	NA	NA	NA	NA	NA		
Power	0.2	0.2	0.2	0.2	0.2		
Manufacturing	0.9	1.0	1.9	0.6	1.5		
Total Public Construction	1.4	1.1	1.6	1.2	1.8		
Residential	5.7	5.1	4.5	3.0	4.5		
Nonresidential	1.5	1.1	1.6	1.2	1.8		
Office	3.1	3.4	4.1	3.1	4.8		
Commercial	6.8	5.6	7.8	7.9	10.0		
Health care	2.7	2.3	2.6	1.7	2.5		
Educational	2.9	2.2	3.3	1.9	3.8		
Public safety	3.7	2.6	3.5	3.1	4.0		
Amusement and recreation	5.8	6.0	8.3	6.3	7.8		
Transportation	2.7	2.3	3.6	1.8	4.2		
Power	4.8	2.5	6.9	2.2	6.1		
Highway and street	3.5	3.0	4.5	3.3	4.6		
Sewage and waste disposal	3.8	3.8	5.2	3.7	5.6		
Water supply	5.0	5.4	6.6	4.9	6.1		
Conservation and development	3.2	3.9	5.6	1.8	5.5		

#### 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>r</sup>	2013	Percent change	Coefficient of Variation
Total Construction	960,586	910,764	5.5	0.5
Residential	354,222	342,203	3.5	3.7
Nonresidential	606,363	568,561	6.6	0.5
Lodging	16,107	13,585	18.6	2.5
Office	44,630	37,620	18.6	1.5
Commercial	57,276		12.3	1.4
Health care	38,979	41,484	-6.0	1.5
Educational	78,429	77,996	0.6	1.4
Religious	3,566	3.678	-3.0	4.2
Public safety	9,334	9,652	-3.3	2.4
Amusement and recreation	16,672	15,513	7.5	2.5
Transportation	41,865	39,731	5.4	1.7
Communication	16,075	17,294	-7.0	17.5
Power	10,075	90,639	11.2	0.3
Highway and street	84,013	81,212	3.4	1.6
<b>a</b>			3.4 4.7	2.4
Sewage and waste disposal	22,691	21,676	-4.2	2.4
Water supply	12,941	13,515		
Conservation and development	7,509	6,028	24.6	2.1
Manufacturing	55,526	47,945	15.8	0.8
Total Private Construction <sup>1</sup>	686,647	641,146	7.1	0.6
Residential	349,017	336,209	3.8	1.1
New single family	191,644	170,768	12.2	4.0
New multi-family	43,602	32,330	34.9	4.7
Nonresidential	337,630	304,937	10.7	0.6
Lodging	15,604	13,133	18.8	2.5
Office	36,920	29,785	24.0	1.8
Commercial	55,424	48,743	13.7	1.4
Health care	28,942	30,347	-4.6	1.9
Educational	16,462	16,736	-1.6	2.5
Religious	3,557	3,652	-2.6	4.2
Public safety	209	123	69.9	NA
Amusement and recreation	7,703	7,222	6.7	3.4
Transportation	11,943	11,044	8.1	3.8
Communication	15,897	17,130	-7.2	NA
Power	88,792	78,549	13.0	0.2
Sewage and waste disposal	271	437	-38.0	NA
Water supply	561	618	-9.2	NA
Manufacturing	54,985	47,226	16.4	0.8
Total Public Construction <sup>2</sup>	273,939	269,618	1.6	0.7
Residential	5,206	5,994	-13.1	3.7
Nonresidential	268,733	263,624	1.9	0.7
Office	7,710	7,835	-1.6	1.8
Commercial	1,852	2,249	-17.7	5.0
Health care	10,037	11,137	-9.9	2.2
Educational	61,966	61,261	1.2	1.6
Public safety	9,125	9,529	-4.2	2.4
Amusement and recreation	8,969	8,290	8.2	3.7
Transportation	29,922	28,687	4.3	1.8
Power	11,961	12,090	-1.1	2.8
Highway and street	83,805	81,099	3.3	1.6
Sewage and waste disposal	22,420	21,240	5.6	2.5
Water supply	12,379	12,897	-4.0	3.0
Conservation and development	7,357	5,949	23.7	2.1

NA Not applicable <sup>r</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.