

# U.S. Census Bureau News

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## JANUARY 2010 CONSTRUCTION AT \$884.1 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during January 2010 was estimated at a seasonally adjusted annual rate of \$884.1 billion, 0.6 percent ( $\pm 1.1\%$ )\* below the revised December estimate of \$889.6 billion. The January figure is 9.3 percent ( $\pm 1.4\%$ ) below the January 2009 estimate of \$974.3 billion.

### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$577.3 billion, 0.6 percent ( $\pm 1.1\%$ )\* below the revised December estimate of \$580.7 billion. Residential construction was at a seasonally adjusted annual rate of \$260.8 billion in January, 1.3 percent ( $\pm 1.3\%$ )\* above the revised December estimate of \$257.5 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$316.4 billion in January, 2.1 percent ( $\pm 1.1\%$ ) below the revised December estimate of \$323.2 billion.

### PUBLIC CONSTRUCTION

In January, the estimated seasonally adjusted annual rate of public construction spending was \$306.9 billion, 0.7 percent ( $\pm 1.8\%$ )\* below the revised December estimate of \$308.9 billion. Educational construction was at a seasonally adjusted annual rate of \$80.3 billion, nearly the same as ( $\pm 3.0\%$ )\* the revised December estimate of \$80.3 billion. Highway construction was at a seasonally adjusted annual rate of \$83.5 billion, 1.2 percent ( $\pm 4.8\%$ )\* above the revised December estimate of \$82.6 billion.

*February 2010 data will be released on April 1, 2010 at 10:00 A.M. EDT.*

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

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

### 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, 0.5 percent; private construction, 0.6 percent; and public construction, 0.7 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 2010 <sup>P</sup>	Dec 2009 <sup>r</sup>	Nov 2009 <sup>r</sup>	Oct 2009	Sep 2009	Jan 2009	Percent change Jan 2010 from -	
							Dec 2009	Jan 2009
<b>Total Construction</b>	<b>884,125</b>	<b>889,624</b>	<b>900,755</b>	<b>923,888</b>	<b>910,461</b>	<b>974,294</b>	<b>-0.6</b>	<b>-9.3</b>
Residential	269,152	266,184	273,222	280,117	251,563	286,408	1.1	-6.0
Nonresidential	614,973	623,440	627,532	643,771	658,897	687,887	-1.4	-10.6
Lodging	15,982	17,716	18,781	20,118	21,689	29,327	-9.8	-45.5
Office	47,702	48,365	47,412	49,674	49,927	63,622	-1.4	-25.0
Commercial	47,582	48,193	47,873	47,738	51,681	69,975	-1.3	-32.0
Health care	42,358	43,321	42,564	45,597	45,527	46,021	-2.2	-8.0
Educational	95,352	95,431	94,729	96,979	99,578	103,520	-0.1	-7.9
Religious	5,763	5,783	5,769	5,775	6,073	7,044	-0.3	-18.2
Public safety	13,596	14,151	13,867	13,583	14,067	14,655	-3.9	-7.2
Amusement and recreation	16,307	16,037	16,584	17,575	17,802	19,409	1.7	-16.0
Transportation	35,080	35,385	35,960	36,447	37,886	31,663	-0.9	10.8
Communication	19,089	20,308	19,639	19,572	20,369	21,200	-6.0	-10.0
Power	90,779	89,685	87,633	86,618	91,710	79,468	1.2	14.2
Highway and street	83,681	82,689	84,636	89,536	88,338	79,273	1.2	5.6
Sewage and waste disposal	25,061	25,761	25,402	24,220	24,750	24,556	-2.7	2.1
Water supply	14,588	15,694	16,140	15,261	15,621	15,461	-7.0	-5.6
Conservation and development	6,476	6,571	6,215	6,787	5,334	4,941	-1.4	31.1
Manufacturing	55,577	58,352	64,331	68,292	68,547	77,755	-4.8	-28.5
<b>Total Private Construction <sup>1</sup></b>	<b>577,265</b>	<b>580,724</b>	<b>590,631</b>	<b>606,626</b>	<b>590,459</b>	<b>673,846</b>	<b>-0.6</b>	<b>-14.3</b>
Residential	260,847	257,544	265,026	271,846	243,231	278,786	1.3	-6.4
Nonresidential	316,417	323,179	325,605	334,780	347,229	395,060	-2.1	-19.9
Lodging	15,781	17,500	18,545	19,974	21,631	29,209	-9.8	-46.0
Office	32,258	32,798	32,067	34,567	35,307	49,014	-1.6	-34.2
Commercial	43,995	44,225	43,964	43,979	47,998	66,712	-0.5	-34.1
Health care	33,486	33,660	32,980	35,370	34,966	37,439	-0.5	-10.6
Educational	15,081	15,181	14,884	15,472	16,324	17,921	-0.7	-15.8
Religious	5,720	5,738	5,725	5,751	5,994	7,038	-0.3	-18.7
Amusement and recreation	5,492	5,788	5,908	6,356	6,554	8,937	-5.1	-38.5
Transportation	8,275	8,502	8,639	8,853	9,049	8,884	-2.7	-6.9
Communication	19,048	20,259	19,595	19,519	20,348	21,135	-6.0	-9.9
Power	80,778	80,189	77,897	75,687	79,560	69,882	0.7	15.6
Manufacturing	55,059	57,844	63,879	67,826	67,949	77,252	-4.8	-28.7
<b>Total Public Construction <sup>2</sup></b>	<b>306,860</b>	<b>308,900</b>	<b>310,124</b>	<b>317,262</b>	<b>320,001</b>	<b>300,448</b>	<b>-0.7</b>	<b>2.1</b>
Residential	8,305	8,640	8,197	8,271	8,332	7,622	-3.9	9.0
Nonresidential	298,555	300,260	301,927	308,991	311,669	292,826	-0.6	2.0
Office	15,444	15,566	15,345	15,107	14,620	14,607	-0.8	5.7
Commercial	3,587	3,968	3,908	3,759	3,683	3,263	-9.6	9.9
Health care	8,873	9,661	9,584	10,227	10,561	8,582	-8.2	3.4
Educational	80,272	80,250	79,845	81,507	83,255	85,599	0.0	-6.2
Public safety	13,079	13,534	13,300	13,072	13,498	14,147	-3.4	-7.5
Amusement and recreation	10,815	10,249	10,676	11,220	11,248	10,472	5.5	3.3
Transportation	26,805	26,883	27,321	27,594	28,837	22,779	-0.3	17.7
Power	10,002	9,497	9,736	10,931	12,150	9,585	5.3	4.4
Highway and street	83,535	82,572	84,477	89,405	88,170	79,159	1.2	5.5
Sewage and waste disposal	24,562	25,317	25,014	23,673	24,208	24,123	-3.0	1.8
Water supply	14,321	15,406	15,776	15,047	15,377	14,901	-7.0	-3.9
Conservation and development	6,460	6,540	6,172	6,762	5,307	4,919	-1.2	31.3

<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 2010 <sup>P</sup>	Dec 2009 <sup>r</sup>	Nov 2009 <sup>r</sup>	Oct 2009	Sep 2009	Jan 2009	Year-to-date		
							Jan 2010	Jan 2009	Percent change
<b>Total Construction</b>	<b>60,058</b>	<b>67,631</b>	<b>74,449</b>	<b>82,623</b>	<b>84,662</b>	<b>67,827</b>	<b>60,058</b>	<b>67,827</b>	<b>-11.5</b>
Residential	17,308	19,037	21,805	25,319	23,424	18,758	17,308	18,758	-7.7
Nonresidential	42,750	48,595	52,644	57,304	61,238	49,069	42,750	49,069	-12.9
Lodging	1,332	1,476	1,565	1,677	1,807	2,444	1,332	2,444	-45.5
Office	3,586	3,812	3,936	4,229	4,519	4,778	3,586	4,778	-24.9
Commercial	3,417	3,778	4,021	4,208	4,664	5,052	3,417	5,052	-32.4
Health care	3,294	3,538	3,600	3,896	3,996	3,609	3,294	3,609	-8.7
Educational	6,586	6,998	7,586	8,131	9,058	7,207	6,586	7,207	-8.6
Religious	436	468	515	515	536	534	436	534	-18.4
Public safety	1,011	1,191	1,185	1,145	1,363	1,107	1,011	1,107	-8.7
Amusement and recreation	1,149	1,269	1,392	1,546	1,595	1,402	1,149	1,402	-18.0
Transportation	2,442	2,815	3,203	3,421	3,598	2,248	2,442	2,248	8.6
Communication	1,240	2,024	1,658	1,724	1,745	1,473	1,240	1,473	-15.8
Power	6,806	7,216	7,137	7,487	8,169	6,100	6,806	6,100	11.6
Highway and street	3,871	5,141	7,120	9,186	10,023	3,787	3,871	3,787	2.2
Sewage and waste disposal	1,737	1,995	2,244	2,286	2,263	1,710	1,737	1,710	1.6
Water supply	1,047	1,221	1,372	1,378	1,389	1,112	1,047	1,112	-5.8
Conservation and development	502	590	523	480	593	393	502	393	27.7
Manufacturing	4,294	5,062	5,587	5,997	5,920	6,112	4,294	6,112	-29.7
<b>Total Private Construction <sup>1</sup></b>	<b>40,466</b>	<b>45,088</b>	<b>48,575</b>	<b>53,812</b>	<b>52,918</b>	<b>48,392</b>	<b>40,466</b>	<b>48,392</b>	<b>-16.4</b>
Residential	16,703	18,336	21,135	24,635	22,632	18,205	16,703	18,205	-8.3
Nonresidential	23,762	26,751	27,441	29,177	30,286	30,187	23,762	30,187	-21.3
Lodging	1,315	1,458	1,545	1,665	1,803	2,434	1,315	2,434	-46.0
Office	2,418	2,568	2,707	2,975	3,115	3,680	2,418	3,680	-34.3
Commercial	3,164	3,459	3,678	3,910	4,299	4,812	3,164	4,812	-34.2
Health care	2,615	2,723	2,791	3,074	3,018	2,944	2,615	2,944	-11.2
Educational	1,085	1,171	1,193	1,321	1,376	1,330	1,085	1,330	-18.4
Religious	432	465	511	513	529	533	432	533	-18.9
Amusement and recreation	428	472	490	541	551	705	428	705	-39.3
Transportation	612	730	782	797	806	674	612	674	-9.2
Communication	1,237	2,020	1,654	1,719	1,744	1,467	1,237	1,467	-15.7
Power	6,100	6,547	6,408	6,570	7,033	5,418	6,100	5,418	12.6
Manufacturing	4,251	5,020	5,550	5,958	5,870	6,071	4,251	6,071	-30.0
<b>Total Public Construction <sup>2</sup></b>	<b>19,592</b>	<b>22,544</b>	<b>25,874</b>	<b>28,811</b>	<b>31,744</b>	<b>19,435</b>	<b>19,592</b>	<b>19,435</b>	<b>0.8</b>
Residential	605	700	670	683	792	553	605	553	9.4
Nonresidential	18,988	21,843	25,204	28,127	30,952	18,882	18,988	18,882	0.6
Office	1,169	1,244	1,229	1,253	1,405	1,098	1,169	1,098	6.5
Commercial	253	320	343	297	365	240	253	240	5.4
Health care	680	815	810	821	978	665	680	665	2.3
Educational	5,500	5,828	6,394	6,811	7,682	5,878	5,500	5,878	-6.4
Public safety	971	1,143	1,137	1,099	1,310	1,069	971	1,069	-9.2
Amusement and recreation	721	797	902	1,005	1,044	697	721	697	3.4
Transportation	1,830	2,085	2,422	2,623	2,792	1,575	1,830	1,575	16.2
Power	706	670	728	918	1,136	682	706	682	3.5
Highway and street	3,861	5,133	7,104	9,173	10,007	3,779	3,861	3,779	2.2
Sewage and waste disposal	1,703	1,958	2,209	2,235	2,215	1,680	1,703	1,680	1.4
Water supply	1,026	1,197	1,343	1,358	1,364	1,071	1,026	1,071	-4.2
Conservation and development	501	588	520	478	591	391	501	391	28.1

<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>0.9</b>	<b>0.8</b>	<b>0.9</b>	<b>0.7</b>	<b>0.9</b>	
Residential	4.3	3.8	4.2	4.2	4.2	
Nonresidential	0.9	0.8	0.9	0.7	0.9	
Lodging	2.2	5.1	2.5	1.7	2.5	
Office	2.2	2.1	2.7	1.3	2.7	
Commercial	3.5	4.1	2.2	2.7	2.2	
Health care	1.9	1.7	1.9	1.0	1.9	
Educational	2.0	2.2	2.5	1.7	2.5	
Religious	5.6	7.2	6.8	3.9	6.8	
Public safety	2.6	2.6	3.0	3.0	3.0	
Amusement and recreation	3.8	3.5	3.3	2.4	3.3	
Transportation	2.7	2.5	3.3	2.3	3.3	
Communication	NA	NA	NA	NA	NA	
Power	0.8	1.4	1.8	1.1	1.8	
Highway and street	3.4	2.6	3.6	3.0	3.6	
Sewage and waste disposal	3.1	2.9	3.8	3.0	3.8	
Water supply	3.6	3.5	4.4	2.9	4.4	
Conservation and development	2.6	2.2	5.5	1.8	5.5	
Manufacturing	1.5	1.6	1.0	0.5	1.0	
<b>Total Private Construction</b>	<b>1.0</b>	<b>1.2</b>	<b>1.0</b>	<b>0.7</b>	<b>1.0</b>	
Residential	5.0	1.1	1.3	0.8	1.4	
Nonresidential	1.0	1.2	1.0	0.7	1.0	
Lodging	2.2	5.1	2.5	1.7	2.5	
Office	3.3	3.3	2.9	1.9	2.9	
Commercial	3.8	4.4	2.2	3.1	2.2	
Health care	2.4	2.1	2.2	1.2	2.2	
Educational	3.5	4.0	3.7	2.5	3.7	
Religious	5.7	7.2	6.7	3.9	6.7	
Amusement and recreation	5.4	5.1	3.7	2.8	3.7	
Transportation	11.0	17.1	12.5	10.4	12.5	
Communication	NA	NA	NA	NA	NA	
Power	0.5	0.3	1.5	0.3	1.5	
Manufacturing	1.5	1.7	1.0	0.5	1.0	
<b>Total Public Construction</b>	<b>1.2</b>	<b>1.0</b>	<b>1.4</b>	<b>1.1</b>	<b>1.4</b>	
Residential	4.3	3.8	4.2	4.2	4.2	
Nonresidential	1.3	1.1	1.4	1.1	1.4	
Office	2.2	2.0	4.3	1.6	4.3	
Commercial	8.0	11.0	12.1	3.7	12.1	
Health care	2.7	2.5	3.4	1.7	3.4	
Educational	2.3	2.5	2.9	1.9	2.9	
Public safety	2.7	2.7	3.0	3.1	3.0	
Amusement and recreation	5.1	4.8	5.1	3.3	5.1	
Transportation	2.8	2.5	3.4	2.3	3.4	
Power	5.0	14.3	13.7	14.6	13.7	
Highway and street	3.4	2.6	3.6	3.0	3.6	
Sewage and waste disposal	3.1	2.9	3.9	3.0	3.9	
Water supply	3.6	3.5	4.4	2.9	4.4	
Conservation and development	2.6	2.2	5.5	1.8	5.5	

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	2009 <sup>r</sup>	2008	Percent change	Coefficient of Variation
<b>Total Construction</b>	<b>937,212</b>	<b>1,072,132</b>	<b>-12.6</b>	<b>0.5</b>
Residential	259,739	357,408	-27.3	2.4
Nonresidential	677,473	714,724	-5.2	0.5
Lodging	25,174	35,818	-29.7	1.8
Office	55,409	70,305	-21.2	1.8
Commercial	57,473	84,942	-32.3	2.1
Health care	46,711	47,699	-2.1	1.5
Educational	102,927	104,081	-1.1	1.3
Religious	6,324	7,125	-11.2	3.0
Public safety	14,255	12,936	10.2	2.0
Amusement and recreation	18,710	21,488	-12.9	2.8
Transportation	35,308	33,953	4.0	2.1
Communication	20,302	25,649	-20.8	NA
Power	88,912	80,160	10.9	0.5
Highway and street	84,599	81,801	3.4	1.5
Sewage and waste disposal	24,920	25,143	-0.9	1.9
Water supply	15,804	16,951	-6.8	2.1
Conservation and development	5,855	5,405	8.3	1.4
Manufacturing	74,791	61,269	22.1	1.0
<b>Total Private Construction <sup>1</sup></b>	<b>620,147</b>	<b>766,170</b>	<b>-19.1</b>	<b>0.7</b>
Residential	251,628	350,078	-28.1	1.1
Nonresidential	368,520	416,092	-11.4	0.7
Lodging	25,067	35,379	-29.1	1.8
Office	40,383	57,084	-29.3	2.5
Commercial	53,631	81,495	-34.2	2.2
Health care	36,851	39,101	-5.8	1.8
Educational	16,682	18,585	-10.2	2.6
Religious	6,303	7,097	-11.2	3.0
Public safety	466	650	-28.3	6.5
Amusement and recreation	7,735	10,316	-25.0	4.1
Transportation	9,068	9,896	-8.4	6.9
Communication	20,261	25,496	-20.5	NA
Power	76,882	68,702	11.9	0.5
Sewage and waste disposal	458	548	-16.4	11.6
Water supply	339	696	-51.3	8.6
Manufacturing	74,233	60,784	22.1	1.0
<b>Total Public Construction <sup>2</sup></b>	<b>317,065</b>	<b>305,962</b>	<b>3.6</b>	<b>0.7</b>
Residential	8,111	7,330	10.7	2.4
Nonresidential	308,954	298,632	3.5	0.7
Office	15,027	13,222	13.7	1.8
Commercial	3,842	3,447	11.5	4.9
Health care	9,860	8,598	14.7	2.0
Educational	86,245	85,496	0.9	1.5
Public safety	13,790	12,286	12.2	2.0
Amusement and recreation	10,976	11,172	-1.8	3.9
Transportation	26,240	24,057	9.1	2.2
Power	12,031	11,457	5.0	3.1
Highway and street	84,468	81,592	3.5	1.5
Sewage and waste disposal	24,461	24,596	-0.5	2.0
Water supply	15,465	16,255	-4.9	2.1
Conservation and development	5,824	5,350	8.9	1.4

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.