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## FEBRUARY 2011 CONSTRUCTION AT \$760.6 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during February 2011 was estimated at a seasonally adjusted annual rate of \$760.6 billion, 1.4 percent ( $\pm 1.4\%$ )\* below the revised January estimate of \$771.0 billion. The February figure is 6.8 percent ( $\pm 1.6\%$ ) below the February 2010 estimate of \$815.8 billion.

During the first 2 months of this year, construction spending amounted to \$103.7 billion, 8.2 percent ( $\pm 1.6\%$ ) below the \$112.9 billion for the same period in 2010.

### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$468.0 billion, 1.4 percent ( $\pm 1.3\%$ ) below the revised January estimate of \$474.6 billion. Residential construction was at a seasonally adjusted annual rate of \$228.5 billion in February, 3.7 percent ( $\pm 1.3\%$ ) below the revised January estimate of \$237.2 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$239.6 billion in February, 0.9 percent ( $\pm 1.3\%$ )\* above the revised January estimate of \$237.4 billion.

### PUBLIC CONSTRUCTION

In February, the estimated seasonally adjusted annual rate of public construction spending was \$292.5 billion, 1.3 percent ( $\pm 1.9\%$ )\* below the revised January estimate of \$296.4 billion. Educational construction was at a seasonally adjusted annual rate of \$67.1 billion, 3.7 percent ( $\pm 3.5\%$ ) below the revised January estimate of \$69.6 billion. Highway construction was at a seasonally adjusted annual rate of \$83.8 billion, 0.4 percent ( $\pm 6.4\%$ )\* above the revised January estimate of \$83.4 billion.

*March 2011 data will be released on May 2, 2011 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, 1.1 percent; private construction, 1.6 percent; and public construction, 1.3 percent.

In the May 2011 press release, normal revisions to the unadjusted and seasonally adjusted data will revise back to January 2009.

\* 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	Feb 2011 <sup>P</sup>	Jan 2011 <sup>r</sup>	Dec 2010 <sup>r</sup>	Nov 2010	Oct 2010	Feb 2010	Percent change Feb 2011 from -	
							Jan 2011	Feb 2010
<b>Total Construction</b>	<b>760,564</b>	<b>770,981</b>	<b>784,800</b>	<b>810,696</b>	<b>809,492</b>	<b>815,797</b>	<b>-1.4</b>	<b>-6.8</b>
Residential	237,382	246,737	238,427	247,771	245,047	257,485	-3.8	-7.8
Nonresidential	523,182	524,244	546,374	562,925	564,444	558,312	-0.2	-6.3
Lodging	7,693	7,716	9,889	9,961	9,954	13,274	-0.3	-42.0
Office	33,020	33,820	34,600	35,531	35,422	41,229	-2.4	-19.9
Commercial	38,040	38,394	37,807	38,153	39,338	43,185	-0.9	-11.9
Health care	37,630	37,972	40,017	42,003	40,840	38,499	-0.9	-2.3
Educational	78,829	81,573	81,279	83,188	84,850	90,953	-3.4	-13.3
Religious	4,616	4,797	4,872	5,261	5,116	5,653	-3.8	-18.3
Public safety	10,360	10,469	9,983	10,806	11,502	12,843	-1.0	-19.3
Amusement and recreation	15,287	15,549	16,550	17,576	17,645	15,661	-1.7	-2.4
Transportation	38,840	38,747	38,510	38,009	38,443	39,228	0.2	-1.0
Communication	17,865	17,598	18,006	17,753	18,322	18,879	1.5	-5.4
Power	81,268	79,264	93,427	94,828	88,972	77,264	2.5	5.2
Highway and street	83,840	83,518	84,450	87,194	88,513	75,835	0.4	10.6
Sewage and waste disposal	23,605	23,935	24,715	25,390	26,793	23,259	-1.4	1.5
Water supply	14,591	15,504	15,229	15,850	15,982	13,662	-5.9	6.8
Conservation and development	7,504	6,741	6,514	7,821	7,802	5,669	11.3	32.4
Manufacturing	30,195	28,647	30,526	33,601	34,951	43,219	5.4	-30.1
<b>Total Private Construction<sup>1</sup></b>	<b>468,039</b>	<b>474,587</b>	<b>486,949</b>	<b>503,954</b>	<b>494,406</b>	<b>524,637</b>	<b>-1.4</b>	<b>-10.8</b>
Residential	228,487	237,229	229,071	237,283	234,424	248,735	-3.7	-8.1
New single family	106,135	107,984	107,083	106,486	106,452	114,990	-1.7	-7.7
New multi-family	12,579	12,772	13,129	14,455	13,531	15,469	-1.5	-18.7
Nonresidential	239,552	237,357	257,878	266,671	259,983	275,902	0.9	-13.2
Lodging	7,188	7,262	9,100	9,404	9,419	13,004	-1.0	-44.7
Office	21,254	21,657	22,937	22,666	22,554	27,722	-1.9	-23.3
Commercial	35,036	35,323	34,890	35,057	35,872	40,076	-0.8	-12.6
Health care	27,417	27,733	30,177	31,980	31,026	29,606	-1.1	-7.4
Educational	11,734	11,932	12,627	13,177	12,787	14,693	-1.7	-20.1
Religious	4,593	4,777	4,833	5,217	5,082	5,591	-3.9	-17.9
Amusement and recreation	5,311	5,513	6,093	6,587	6,423	5,665	-3.7	-6.2
Transportation	9,771	9,577	9,031	8,934	9,031	8,149	2.0	19.9
Communication	17,860	17,591	17,988	17,724	17,996	18,844	1.5	-5.2
Power	68,609	66,748	78,930	81,591	74,373	68,596	2.8	0.0
Manufacturing	29,598	28,033	30,019	33,027	34,221	42,674	5.6	-30.6
<b>Total Public Construction<sup>2</sup></b>	<b>292,525</b>	<b>296,395</b>	<b>297,852</b>	<b>306,742</b>	<b>315,085</b>	<b>291,160</b>	<b>-1.3</b>	<b>0.5</b>
Residential	8,895	9,508	9,355	10,488	10,623	8,750	-6.4	1.7
Nonresidential	283,630	286,887	288,496	296,254	304,462	282,410	-1.1	0.4
Office	11,765	12,163	11,663	12,864	12,868	13,507	-3.3	-12.9
Commercial	3,004	3,071	2,917	3,096	3,466	3,109	-2.2	-3.4
Health care	10,213	10,239	9,839	10,023	9,815	8,893	-0.3	14.8
Educational	67,096	69,641	68,653	70,010	72,063	76,260	-3.7	-12.0
Public safety	10,287	10,378	9,909	10,682	11,366	12,388	-0.9	-17.0
Amusement and recreation	9,976	10,036	10,457	10,989	11,222	9,996	-0.6	-0.2
Transportation	29,069	29,170	29,479	29,075	29,412	31,079	-0.3	-6.5
Power	12,659	12,517	14,497	13,237	14,598	8,669	1.1	46.0
Highway and street	83,756	83,433	84,335	87,097	88,414	75,714	0.4	10.6
Sewage and waste disposal	23,125	23,443	24,266	24,973	26,473	22,862	-1.4	1.2
Water supply	14,086	14,996	14,624	15,199	15,354	13,360	-6.1	5.4
Conservation and development	7,466	6,706	6,504	7,803	7,787	5,660	11.3	31.9

<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	Feb 2011 <sup>p</sup>	Jan 2011 <sup>r</sup>	Dec 2010 <sup>r</sup>	Nov 2010	Oct 2010	Feb 2010	Year-to-date		
							Feb 2011	Feb 2010	Percent change
<b>Total Construction</b>	<b>51,413</b>	<b>52,264</b>	<b>59,763</b>	<b>68,776</b>	<b>73,804</b>	<b>55,827</b>	<b>103,677</b>	<b>112,925</b>	<b>-8.2</b>
Residential	15,212	16,121	16,966	20,371	23,010	16,574	31,333	34,097	-8.1
Nonresidential	36,201	36,143	42,797	48,405	50,794	39,254	72,344	78,827	-8.2
Lodging	641	643	824	830	830	1,106	1,284	2,295	-44.1
Office	2,497	2,547	2,779	3,018	3,030	3,133	5,044	6,319	-20.2
Commercial	2,771	2,762	2,934	3,221	3,458	3,170	5,533	6,403	-13.6
Health care	2,879	2,933	3,297	3,629	3,519	2,997	5,813	6,072	-4.3
Educational	5,426	5,659	5,992	6,637	7,131	6,241	11,085	12,639	-12.3
Religious	353	362	394	466	457	434	714	848	-15.8
Public safety	760	782	838	935	961	938	1,542	1,900	-18.8
Amusement and recreation	1,074	1,088	1,297	1,500	1,533	1,128	2,162	2,274	-4.9
Transportation	2,662	2,733	3,029	3,292	3,571	2,667	5,395	5,250	2.8
Communication	1,263	1,125	1,812	1,627	1,550	1,342	2,387	2,490	-4.1
Power	6,408	6,200	8,151	8,570	8,092	6,138	12,608	12,424	1.5
Highway and street	4,015	3,899	5,164	7,554	9,090	3,702	7,914	7,243	9.3
Sewage and waste disposal	1,612	1,661	1,920	2,215	2,470	1,626	3,273	3,347	-2.2
Water supply	1,044	1,072	1,169	1,348	1,469	993	2,116	1,927	9.8
Conservation and development	550	503	587	676	563	419	1,052	873	20.5
Manufacturing	2,247	2,176	2,609	2,886	3,070	3,222	4,423	6,525	-32.2
<b>Total Private Construction<sup>1</sup></b>	<b>32,808</b>	<b>33,423</b>	<b>38,137</b>	<b>42,956</b>	<b>45,148</b>	<b>36,998</b>	<b>66,231</b>	<b>75,306</b>	<b>-12.1</b>
Residential	14,563	15,439	16,203	19,506	22,121	15,915	30,002	32,848	-8.7
New single family	6,894	7,352	7,869	9,258	9,671	7,438	14,245	15,148	-6.0
New multi-family	981	973	1,035	1,217	1,156	1,208	1,954	2,455	-20.4
Nonresidential	18,246	17,984	21,935	23,450	23,027	21,083	36,229	42,458	-14.7
Lodging	599	605	758	784	785	1,084	1,204	2,255	-46.6
Office	1,634	1,631	1,835	1,943	1,956	2,140	3,265	4,258	-23.3
Commercial	2,544	2,529	2,687	2,951	3,184	2,939	5,073	5,951	-14.8
Health care	2,073	2,137	2,488	2,792	2,727	2,295	4,210	4,719	-10.8
Educational	855	875	970	1,064	1,063	1,069	1,729	2,124	-18.6
Religious	351	360	391	463	454	428	711	838	-15.2
Amusement and recreation	417	425	489	544	542	448	842	879	-4.2
Transportation	695	739	723	775	824	549	1,435	1,151	24.7
Communication	1,262	1,124	1,811	1,625	1,523	1,339	2,386	2,485	-4.0
Power	5,537	5,350	7,113	7,557	6,837	5,526	10,887	11,173	-2.6
Manufacturing	2,198	2,125	2,567	2,838	3,010	3,176	4,322	6,438	-32.9
<b>Total Public Construction<sup>2</sup></b>	<b>18,605</b>	<b>18,841</b>	<b>21,625</b>	<b>25,820</b>	<b>28,656</b>	<b>18,829</b>	<b>37,446</b>	<b>37,618</b>	<b>-0.5</b>
Residential	649	682	763	865	889	659	1,331	1,250	6.5
Nonresidential	17,956	18,159	20,862	24,955	27,767	18,171	36,115	36,369	-0.7
Office	863	917	944	1,075	1,074	993	1,779	2,061	-13.7
Commercial	226	233	247	270	274	231	460	452	1.8
Health care	806	797	809	836	792	702	1,603	1,353	18.5
Educational	4,571	4,784	5,021	5,573	6,068	5,172	9,355	10,515	-11.0
Public safety	754	775	833	925	948	904	1,529	1,838	-16.8
Amusement and recreation	657	663	809	956	991	680	1,320	1,395	-5.4
Transportation	1,967	1,993	2,306	2,517	2,747	2,117	3,960	4,099	-3.4
Power	871	850	1,038	1,013	1,255	612	1,721	1,251	37.6
Highway and street	4,010	3,893	5,156	7,545	9,080	3,694	7,903	7,227	9.4
Sewage and waste disposal	1,577	1,626	1,884	2,179	2,441	1,598	3,204	3,292	-2.7
Water supply	1,012	1,038	1,116	1,292	1,400	972	2,049	1,873	9.4
Conservation and development	547	500	587	675	562	419	1,046	871	20.1

<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>1.0</b>	<b>0.9</b>	<b>1.0</b>
Residential	3.6	2.8	3.2	1.7	3.6
Nonresidential	0.9	0.8	1.0	0.9	1.0
Lodging	4.8	5.3	3.8	2.1	3.9
Office	1.9	2.3	2.3	1.7	2.4
Commercial	3.2	2.8	2.8	2.5	2.8
Health care	2.0	1.8	2.1	1.4	2.2
Educational	2.1	2.0	2.3	1.9	2.4
Religious	5.9	6.6	6.9	3.1	6.9
Public safety	3.0	2.2	2.3	1.7	2.6
Amusement and recreation	4.0	3.7	3.8	3.1	3.8
Transportation	2.5	2.4	2.3	2.5	2.2
Communication	NA	NA	NA	NA	NA
Power	0.9	0.7	1.0	0.6	1.0
Highway and street	3.4	3.0	4.9	4.0	5.2
Sewage and waste disposal	2.9	2.8	3.4	3.1	4.0
Water supply	3.8	3.5	5.0	4.0	5.9
Conservation and development	2.9	2.7	4.5	3.4	5.5
Manufacturing	2.0	1.5	1.9	0.7	2.4
<b>Total Private Construction</b>	<b>1.0</b>	<b>1.1</b>	<b>1.1</b>	<b>0.8</b>	<b>1.1</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	10.5	12.1	6.4	3.1	6.8
Nonresidential	1.0	1.1	1.1	0.8	1.1
Lodging	5.0	5.5	3.8	2.2	3.9
Office	2.9	3.5	3.0	2.7	3.2
Commercial	3.5	3.2	2.9	2.8	2.9
Health care	2.6	2.5	2.5	1.7	2.7
Educational	3.7	3.4	3.3	2.0	3.6
Religious	6.0	6.7	7.0	3.1	7.0
Amusement and recreation	4.9	4.1	4.4	2.6	4.1
Transportation	8.6	10.0	15.6	5.0	13.0
Communication	NA	NA	NA	NA	NA
Power	0.4	0.4	0.4	0.4	0.5
Manufacturing	2.1	1.6	1.9	0.7	2.4
<b>Total Public Construction</b>	<b>1.2</b>	<b>1.0</b>	<b>1.4</b>	<b>1.2</b>	<b>1.5</b>
Residential	3.6	2.8	3.2	1.7	3.6
Nonresidential	1.2	1.0	1.5	1.2	1.5
Office	2.2	2.5	2.5	1.7	2.5
Commercial	6.5	4.9	12.0	4.5	10.8
Health care	2.3	2.2	3.3	2.5	3.4
Educational	2.3	2.2	2.7	2.2	2.7
Public safety	3.1	2.2	2.3	1.7	2.7
Amusement and recreation	5.5	5.3	5.6	4.7	5.7
Transportation	2.6	2.5	2.2	2.6	2.2
Power	6.0	3.6	17.0	3.1	14.4
Highway and street	3.4	3.0	4.9	4.0	5.2
Sewage and waste disposal	3.0	2.9	3.4	3.2	4.1
Water supply	3.9	3.6	5.2	4.2	6.0
Conservation and development	2.9	2.7	4.5	3.4	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	2010 <sup>1</sup>	2009	Percent change	Coefficient of Variation
<b>Total Construction</b>	<b>814,532</b>	<b>907,784</b>	<b>-10.3</b>	<b>0.5</b>
Residential	251,470	253,577	-0.8	2.5
Nonresidential	563,063	654,207	-13.9	0.5
Lodging	11,464	25,474	-55.0	3.1
Office	37,515	52,717	-28.8	1.3
Commercial	40,867	55,042	-25.8	2.1
Health care	40,201	45,111	-10.9	1.5
Educational	87,939	102,907	-14.5	1.3
Religious	5,309	6,206	-14.5	3.9
Public safety	11,772	14,099	-16.5	2.1
Amusement and recreation	17,002	18,901	-10.0	2.6
Transportation	39,449	38,459	2.6	2.0
Communication	18,010	19,754	-8.8	NA
Power	83,630	89,405	-6.5	0.7
Highway and street	83,458	82,028	1.7	1.3
Sewage and waste disposal	25,531	24,410	4.6	1.7
Water supply	15,402	15,561	-1.0	2.1
Conservation and development	6,801	5,624	20.9	1.4
Manufacturing	38,712	58,513	-33.8	2.0
<b>Total Private Construction<sup>1</sup></b>	<b>508,240</b>	<b>592,326</b>	<b>-14.2</b>	<b>0.7</b>
Residential	241,690	245,621	-1.6	1.1
New single family	112,726	105,336	7.0	4.0
New multi-family	14,022	28,246	-50.4	10.7
Nonresidential	266,550	346,705	-23.1	0.7
Lodging	11,014	25,350	-56.6	3.2
Office	24,408	37,904	-35.6	1.8
Commercial	37,998	51,286	-25.9	2.2
Health care	30,758	35,651	-13.7	2.0
Educational	13,599	16,800	-19.1	2.7
Religious	5,260	6,190	-15.0	4.0
Public safety	234	486	-51.9	12.4
Amusement and recreation	6,288	7,817	-19.6	3.7
Transportation	8,466	8,983	-5.8	6.0
Communication	17,945	19,713	-9.0	NA
Power	71,375	77,622	-8.0	0.3
Sewage and waste disposal	410	488	-16.0	9.9
Water supply	528	295	79.0	11.1
Manufacturing	38,105	57,976	-34.3	2.1
<b>Total Public Construction<sup>2</sup></b>	<b>306,293</b>	<b>315,459</b>	<b>-2.9</b>	<b>0.6</b>
Residential	9,779	7,956	22.9	2.5
Nonresidential	296,513	307,502	-3.6	0.6
Office	13,107	14,812	-11.5	2.0
Commercial	2,869	3,756	-23.6	5.4
Health care	9,443	9,460	-0.2	1.6
Educational	74,340	86,107	-13.7	1.4
Public safety	11,538	13,613	-15.2	2.1
Amusement and recreation	10,714	11,084	-3.3	3.5
Transportation	30,983	29,476	5.1	2.1
Power	12,256	11,784	4.0	6.3
Highway and street	83,323	81,915	1.7	1.3
Sewage and waste disposal	25,121	23,922	5.0	1.7
Water supply	14,874	15,266	-2.6	2.2
Conservation and development	6,775	5,593	21.1	1.4

NA Not applicable <sup>1</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.