# U.S. Census Bureau News

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

For Release at 10:00 A.M. EDT, Friday, August 1, 2008

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CB08-112

# JUNE 2008 CONSTRUCTION AT \$1,081.9 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during June 2008 was estimated at a seasonally adjusted annual rate of \$1,081.9 billion, 0.4 percent ( $\pm 1.4\%$ )\* below the revised May estimate of \$1,085.7 billion. The June figure is 5.9 percent ( $\pm 2.1\%$ ) below the June 2007 estimate of \$1,149.4 billion.

During the first 6 months of this year, construction spending amounted to \$514.2 billion, 5.4 percent ( $\pm 1.6\%$ ) below the \$543.6 billion for the same period in 2007.

#### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$780.6 billion, 0.4 percent ( $\pm 1.4\%$ )\* below the revised May estimate of \$783.9 billion. Residential construction was at a seasonally adjusted annual rate of \$372.5 billion in June, 1.8 percent ( $\pm 1.3\%$ ) below the revised May estimate of \$379.1 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$408.1 billion in June, 0.8 percent ( $\pm 1.4\%$ )\* above the revised May estimate of \$404.8 billion.

### **PUBLIC CONSTRUCTION**

In June, the estimated seasonally adjusted annual rate of public construction spending was \$301.3 billion, 0.2 percent  $(\pm 2.2\%)^*$  below the revised May estimate of \$301.8 billion. Educational construction was at a seasonally adjusted annual rate of \$84.4 billion, 1.5 percent  $(\pm 3.7\%)^*$  below the revised May estimate of \$85.7 billion. Highway construction was at a seasonally adjusted annual rate of \$74.9 billion, 1.4 percent  $(\pm 5.9\%)^*$  below the revised May estimate of \$76.0 billion.

July 2008 data will be released on September 2, 2008 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 (±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.

Geographic data for Private Nonresidential Construction (1993-2007) are available. Go to the Private Construction menu on our website.

<sup>\* 90%</sup> 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	Jun 2008 <sup>p</sup>	May 2008 <sup>r</sup>	Apr 2008 <sup>r</sup>	Mar 2008	Feb 2008	Jun 2007	Percent change Jun 2008 from -	
							May 2008	Jun 2007
Total Construction	1,081,876	1,085,684	1,085,175	1,090,471	1,075,303	1,149,408	-0.4	-5.9
Residential	379,767	386,336	390,584	398,614	398,940	515,777	-1.7	-26.4
Nonresidential	702,109	699,348	694,591	691,856	676,363	633,631	0.4	10.8
Lodging	38,659	38,084	36,304	34,458	33,374	29,112	1.5	32.8
Office	72,608	72,144	71,302	71,259	70,543	62,920	0.6	15.4
Commercial	88,894	89,094	90,816	90,222	90,371	89,251	-0.2	-0.4
Health care	45,813	45,596	45,532	45,583	44,221	41,432	0.5	10.6
Educational	102,712	104,082	103,218	102,456	98,560	98,200	-1.3	4.6
Religious	6,685	6,704	7,054	6,951	6,996	7,392	-0.3	-9.6
Public safety	12,032	12,226	11,866	11,838	11,785	9,889	-1.6	21.7
Amusement and recreation	22,912	22,994	23,234	23,226	23,204	21,089	-0.4	8.6
Transportation	35,398	35,117	35,007	35,073	34,490	31,377	0.8	12.8
Communication	26,697	27,131	26,719	28,093	26,865	27,710	-1.6	-3.7
Power	70,849	68,310	65,850	66,503	64,327	54,474	3.7	30.1
Highway and street	75,099	76,164	79,032	78,136	75,780	74,905	-1.4	0.3
Sewage and waste disposal	24,783	24,720	25,211	25,504	25,044	24,155	0.3	2.6
Water supply	16,920	16,326	16,058	15,905	15,451	16,064	3.6	5.3
Conservation and development	5,299	4,712	4,893	5,134	5,342	5,084	12.5	4.2
Manufacturing	56,749	55,944	52,497	51,518	50,009	40,579	1.4	39.8
Total Private Construction <sup>1</sup>	780,569	783,897	783,681	789,629	783,663	862,987	-0.4	-9.6
Residential	372,468	379,143	383,493	391,643	392,020	508,171	-1.8	-26.7
Nonresidential	408,100	404,754	400,188	397,986	391,642	354,816	0.8	15.0
Lodging	38,286	37,849	35,886	33,720	32,546	27,769	1.2	37.9
Office	57,593	57,619	57,666	57,316	56,958	51,052	0.0	12.8
Commercial	85,684	85,541	87,474	86,942	86,967	85,442	0.2	0.3
Health care	37,022	36,801	36,696	36,585	35,499	33,647	0.6	10.0
Educational	18,338	18,429	18,525	18,829	18,816	17,251	-0.5	6.3
Religious	6,588	6,650	7,042	6,932	6,990	7,388	-0.9	-10.8
Amusement and recreation	10,982	10,983	11,377	11,370	11,755	10,154	0.0	8.2
Transportation	10,258	10,243	10,236	10,130	10,013	9,115	0.1	12.5
Communication	26,485	26,920	26,458	27,824	26,762	27,600	-1.6	-4.0
Power	58,470	56,162	54,459	54,812	53,116	43,323	4.1	35.0
Manufacturing	56,208	55,404	51,960	51,051	49,459	40,077	1.5	40.3
Total Public Construction <sup>2</sup>	301,308	301,787	301,494	300,842	291,640	286,421	-0.2	5.2
Residential	7,299	7,193	7,091	6,972	6,919	7,606	1.5	-4.0
Nonresidential	294,009	294,594	294,403	293,870	284,721	278,815	-0.2	5.4
Office	15,015	14,525	13,636	13,943	13,585	11,869	3.4	26.5
Commercial	3,210	3,553	3,342	3,280	3,404	3,808	-9.7	-15.7
Health care	8,791	8,795	8,835	8,997	8,722	7,785	0.0	12.9
Educational	84,374	85,653	84,693	83,627	79,744	80,948	-1.5	4.2
Public safety	11,437	11,571	11,131	11,019	10,845	9,398	-1.2	21.7
Amusement and recreation	11,930	12,011	11,856	11,856	11,449	10,935	-0.7	9.1
Transportation	25,141	24,874	24,772	24,943	24,477	22,262	1.1	12.9
Power	12,380	12,148	11,392	11,691	11,211	11,151	1.9	11.0
Highway and street	74,919	75,967	78,826	77,906	75,397	74,463	-1.4	0.6
Sewage and waste disposal	24,024	24,036	24,565	24,975	24,553	23,743	0.0	1.2
Water supply	16,284	15,744	15,275	15,068	14,581	15,573	3.4	4.6
Conservation and development	5,281	4,677	4,853	5,074	5,264	4,923	12.9	7.3

<sup>&</sup>lt;sup>p</sup> Preliminary <sup>r</sup> Revised

<sup>&</sup>lt;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>&</sup>lt;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.)

							Υ		
Type of Construction	Jun 2008 <sup>p</sup>	May 2008 <sup>r</sup>	Apr 2008 <sup>r</sup>	Mar 2008	Feb 2008	Jun 2007	Jun 2008	Jun 2007	Percent change
Total Construction	98,211	93,203	87,561	83,204	76,349	104,911	514,184	543,643	-5.4
Residential	35,722	34,085	31,592	30,654	27,172	48,134	186,487	254,805	-26.8
Nonresidential	62,489	59,118	55,969	52,550	49,177	56,778	327,697	288,838	13.5
Lodging	3,222	3,174	3,025	2,872	2,781	2,426	17,783	12,746	39.5
Office	6,217	6,199	6,112	5,735	5,603	5,388	35,319	30,396	16.2
Commercial	7,772	7,558	7,327	6,978	6,718	7,881	42,918	41,232	4.1
Health care	3,899	3,878	3,826	3,677	3,511	3,576	22,251	20,557	8.2
Educational	9,710	8,706	8,124	7,472	6,872	9,302	47,916	43,513	10.1
Religious	569	559	569	545	526	641	3,316	3,615	-8.3
Public safety	1,025	1,002	964	905	866	844	5,653	4,381	29.0
Amusement and recreation	2,008	1,980	1,941	1,817	1,740	1,819	11,175	9,843	13.5
Transportation	3,047	2,926	2,804	2,576	2,376	2,757	16,109	14,103	14.2
Communication	2,265	2,215	2,164	2,251	2,057	2,363	12,955	12,418	4.3
Power	6,153	5,667	5,443	5,428	5,078	4,723	32,735	24,007	36.4
Highway and street	7,613	6,760	5,700	4,608	3,980	7,563	32,443	31,850	1.9
Sewage and waste disposal	2,217	2,090	2,010	1,883	1,768	2,183	11,735	11,256	4.3
Water supply	1,483	1,382	1,339	1,260	1,148	1,402	7,629	7,695	-0.9
Conservation and development	436	378	380	396	388	402	2,411	2,325	3.7
Manufacturing	4,854	4,644	4,242	4,148	3,765	3,509	25,352	18,901	34.1
Total Private Construction <sup>1</sup>	70,181	67,470	63,986	62,036	57,007	78,248	377,196	415,564	-9.2
Residential	35,065	33,468	31,013	30,122	26,646	47,457	183,060	251,456	-27.2
Nonresidential	35,116	34,003	32,973	31,914	30,361	30,791	194,137	164,107	18.3
Lodging	3,191	3,154	2,991	2,810	2,712	2,314	17,485	12,149	43.9
Office	4,892	4,942	4,979	4,641	4,582	4,373	28,548	25,358	12.6
Commercial	7,499	7,264	7,054	6,718	6,466	7,560	41,314	39,413	4.8
Health care	3,140	3,141	3,064	2,945	2,816	2,906	17,888	16,751	6.8
Educational	1,700	1,615	1,535	1,457	1,373	1,594	9,054	7,731	17.1
Religious	561	555	568	543	525	640	3,295	3,612	-8.8
Amusement and recreation	934	918	949	941	943	861	5,581	4,699	18.8
Transportation	896	886	847	763	711	807	4,842	4,347	11.4
Communication	2,247	2,197	2,143	2,229	2,049	2,354	12,860	12,381	3.9
Power	5,049	4,549	4,448	4,567	4,267	3,732	26,999	18,089	49.3
Manufacturing	4,809	4,599	4,197	4,109	3,719	3,467	25,088	18,695	34.2
Total Public Construction <sup>2</sup>	28,030	25,732	23,575	21,168	19,342	26,664	136,988	128,079	7.0
Residential	657	617	579	532	526	677	3,427	3,349	2.3
Nonresidential	27,374	25,115	22,996	20,636	18,817	25,987	133,561	124,730	7.1
Office	1,325	1,257	1,133	1,095	1,021	1,015	6,771	5,039	34.4
Commercial	274	294	273	260	252	320	1,604	1,819	-11.8
Health care	758	737	762	732	695	669	4,363	3,806	14.6
Educational	8,010	7,091	6,589	6,015	5,498	7,708	38,862	35,782	8.6
Public safety	974	947	901	841	800	800	5,278	4,171	26.5
Amusement and recreation	1,074	1,061	992	876	797	958	5,594	5,144	8.7
Transportation	2,151	2,040	1,957	1,813	1,665	1,951	11,267	9,756	15.5
Power	1,104	1,119	995	860	811	991	5,736	5,918	-3.1
Highway and street	7,596	6,745	5,685	4,594	3,954	7,521	32,315	31,650	2.1
Sewage and waste disposal	2,139	2,030	1,958	1,843	1,733	2,141	11,441	11,064	3.4
Water supply	1,431	1,333	1,272	1,192	1,086	1,360	7,268	7,479	-2.8
Conservation and development	434	375	376	391	382	389	2,386	2,258	5.7

<sup>&</sup>lt;sup>p</sup> Preliminary <sup>r</sup> Revised

<sup>&</sup>lt;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.

 $<sup>^{\</sup>rm 2}$  Includes the following categories of public construction not shown separately: lodging, religious, communication, and manufacturing.

 $\label{thm:condition} \mbox{Table 3. Coefficients of Variation and Standard Errors by Type of Construction} \ \ \mbox{(Percent)}$ 

Type of Construction	Coefficient of v	variation	Standard error				
	Monthly estimate	Year-to-date estimate	Year-to-date change	Month-to-month change	Month-to-month change from prev. year		
Total Construction	0.9	0.6	1.0	0.9	1.3		
Residential	4.0	2.7	6.5	2.8	7.6		
Nonresidential	0.9	0.7	1.0	0.9	1.3		
Lodging	2.1	1.7	2.8	1.1	3.3		
Office	2.5	2.5	3.4	1.8	3.0		
Commercial	3.1	2.5	2.8	2.2	3.3		
Health care	1.9	1.6	2.3	1.6	2.5		
Educational	2.1	1.6	2.4	2.0	3.1		
Religious	4.6	3.2	3.8	4.0	4.7		
Public safety	3.2 3.7	2.4	4.6 3.6	2.5	5.2		
Amusement and recreation Transportation	2.6	2.6 1.7	2.9	2.0 2.1	4.7 3.7		
Communication	NA	NA	NA	NA	NA		
Power	1.3	1.4	1.2	1.0	1.3		
Highway and street	3.4	2.0	2.9	3.7	4.7		
Sewage and waste disposal	3.3	2.5	3.3	2.8	3.9		
Water supply	4.0	3.0	4.8	3.7	5.9		
Conservation and development	5.3	3.9	5.4	5.0	6.3		
Manufacturing	1.8	1.4	2.7	1.3	2.4		
Total Private Construction	1.2	0.9	1.4	0.9	1.5		
Residential	5.0	1.1	1.4	0.8	1.4		
Nonresidential	1.2	0.9	1.4	0.9	1.5		
Lodging	2.1	1.7	2.9	1.1	3.4		
Office	2.9	2.9	3.8	2.1	3.4		
Commercial	3.2	2.6	2.9	2.3	3.4		
Health care	2.3	1.9	2.6	1.9	2.8		
Educational	3.5	2.9	4.7	2.3	4.8		
Religious	4.6	3.2	3.8	4.0	4.6		
Amusement and recreation	4.5	3.8	4.9	2.5	5.3		
Transportation	5.7	4.5	7.8	5.6	15.6		
Communication	NA	NA	NA	NA	NA		
Power Manufacturing	1.1 1.7	1.2 1.5	0.5 2.7	0.9 1.4	0.9 2.4		
Total Public Construction	1.3	0.9	1.3	1.4	1.9		
Residential	4.0	2.7	6.5	2.8	7.6		
Nonresidential	1.3	0.9	1.3	1.4	2.0		
Office	4.3	4.6	5.7	2.7	4.2		
Commercial	6.2	4.7	6.7	4.1	7.0		
Health care	2.9	2.7	3.7	2.2	4.1		
Educational	2.4	1.8	2.7	2.3	3.6		
Public safety	3.3	2.6	4.8	2.6	5.5		
Amusement and recreation	5.4	3.6	5.3	3.0	7.7		
Transportation	2.8	1.8	3.0	2.2	3.7		
Power	7.7	8.3	6.1	5.7	8.2		
Highway and street	3.4	2.0	2.9	3.7	4.8		
Sewage and waste disposal	3.3	2.5	3.2	2.8	3.9		
Water supply	4.1	3.1	4.8	3.8	6.0		
Conservation and development	5.3	3.9	5.5	5.1	6.6		

NA Not applicable