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JULY 2011 CONSTRUCTION AT \$789.5 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during July 2011 was estimated at a seasonally adjusted annual rate of \$789.5 billion, 1.3 percent ($\pm 1.9\%$)* below the revised June estimate of \$799.8 billion. The July figure is 0.1 percent ($\pm 1.9\%$)* above the July 2010 estimate of \$789.0 billion.

During the first 7 months of this year, construction spending amounted to \$435.5 billion, 3.5 percent ($\pm 1.3\%$) below the \$451.2 billion for the same period in 2010.

PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$514.5 billion, 0.9 percent ($\pm 1.1\%$)* below the revised June estimate of \$519.0 billion. Residential construction was at a seasonally adjusted annual rate of \$248.1 billion in July, 1.4 percent ($\pm 1.3\%$) below the revised June estimate of \$251.7 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$266.4 billion in July, 0.4 percent ($\pm 1.1\%$)* below the revised June estimate of \$267.3 billion.

PUBLIC CONSTRUCTION

In July, the estimated seasonally adjusted annual rate of public construction spending was \$275.0 billion, 2.1 percent ($\pm 2.7\%$)* below the revised June estimate of \$280.8 billion. Educational construction was at a seasonally adjusted annual rate of \$67.2 billion, 4.3 percent ($\pm 4.3\%$)* below the revised June estimate of \$70.2 billion. Highway construction was at a seasonally adjusted annual rate of \$74.9 billion, 0.5 percent ($\pm 8.0\%$)* above the revised June estimate of \$74.5 billion.

August 2011 data will be released on October 3, 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 (± 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.

New Length of Time data for Private Nonresidential, Private Multifamily and State and Local Construction are available. Go to the Related Studies menu on our website.

* 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	Jul 2011 ^p	Jun 2011 ^r	May 2011 ^r	Apr 2011	Mar 2011	Jul 2010	Percent change Jul 2011 from -	
							Jun 2011	Jul 2010
Total Construction	789,510	799,796	787,396	768,226	762,557	788,993	-1.3	0.1
Residential	255,769	259,883	257,200	247,042	235,809	245,797	-1.6	4.1
Nonresidential	533,741	539,912	530,196	521,184	526,748	543,196	-1.1	-1.7
Lodging	8,293	8,633	8,308	8,203	8,753	11,002	-3.9	-24.6
Office	34,578	34,961	34,451	33,428	33,939	35,497	-1.1	-2.6
Commercial	45,030	44,065	43,604	41,419	40,258	39,125	2.2	15.1
Health care	40,581	40,606	39,395	39,361	39,371	40,108	-0.1	1.2
Educational	80,997	83,961	82,541	83,312	84,004	89,949	-3.5	-10.0
Religious	3,977	3,887	4,131	4,206	4,410	5,021	2.3	-20.8
Public safety	9,859	10,271	9,960	9,829	9,828	10,671	-4.0	-7.6
Amusement and recreation	15,605	15,703	15,896	14,408	15,660	17,222	-0.6	-9.4
Transportation	35,137	35,740	35,621	36,258	37,551	38,394	-1.7	-8.5
Communication	18,454	18,317	17,701	18,142	17,681	18,289	0.7	0.9
Power	87,885	88,280	86,258	81,210	80,506	73,817	-0.4	19.1
Highway and street	74,892	74,493	74,812	74,817	77,478	77,941	0.5	-3.9
Sewage and waste disposal	22,841	23,264	22,990	22,804	23,768	26,480	-1.8	-13.7
Water supply	14,199	13,666	13,270	13,562	14,223	16,130	3.9	-12.0
Conservation and development	6,463	6,806	7,353	7,294	7,224	6,677	-5.0	-3.2
Manufacturing	34,951	37,259	33,907	32,932	32,097	36,875	-6.2	-5.2
Total Private Construction¹	514,499	518,981	508,863	488,398	477,158	487,592	-0.9	5.5
Residential	248,148	251,684	249,019	238,289	227,254	235,589	-1.4	5.3
New single family	105,121	105,059	104,965	105,598	105,923	114,797	0.1	-8.4
New multi-family	13,966	13,775	14,131	13,704	13,460	14,855	1.4	-6.0
Nonresidential	266,351	267,298	259,843	250,110	249,904	252,003	-0.4	5.7
Lodging	7,710	7,944	7,740	7,718	8,214	10,507	-2.9	-26.6
Office	23,417	23,405	22,697	21,416	21,823	22,517	0.1	4.0
Commercial	41,330	40,554	39,728	37,956	37,035	36,507	1.9	13.2
Health care	29,857	29,473	28,569	28,700	28,810	30,505	1.3	-2.1
Educational	13,826	13,743	13,009	13,333	12,974	12,953	0.6	6.7
Religious	3,954	3,874	4,098	4,166	4,380	4,976	2.1	-20.5
Amusement and recreation	6,552	6,777	6,894	5,569	5,598	6,575	-3.3	-0.3
Transportation	10,570	10,630	10,175	10,172	10,486	10,046	-0.6	5.2
Communication	18,331	18,246	17,617	18,112	17,628	18,252	0.5	0.4
Power	75,040	74,656	74,626	69,058	69,771	61,517	0.5	22.0
Manufacturing	34,306	36,503	33,246	32,332	31,521	36,231	-6.0	-5.3
Total Public Construction²	275,012	280,814	278,533	279,828	285,399	301,402	-2.1	-8.8
Residential	7,621	8,200	8,181	8,753	8,555	10,209	-7.1	-25.4
Nonresidential	267,391	272,615	270,353	271,074	276,844	291,193	-1.9	-8.2
Office	11,161	11,556	11,754	12,011	12,116	12,981	-3.4	-14.0
Commercial	3,700	3,512	3,876	3,463	3,224	2,618	5.4	41.3
Health care	10,723	11,132	10,826	10,661	10,561	9,603	-3.7	11.7
Educational	67,171	70,218	69,532	69,979	71,031	76,996	-4.3	-12.8
Public safety	9,651	10,058	9,762	9,644	9,628	10,530	-4.0	-8.3
Amusement and recreation	9,054	8,927	9,002	8,839	10,061	10,647	1.4	-15.0
Transportation	24,567	25,110	25,447	26,086	27,065	28,348	-2.2	-13.3
Power	12,846	13,624	11,632	12,151	10,735	12,300	-5.7	4.4
Highway and street	74,876	74,484	74,794	74,799	77,413	77,830	0.5	-3.8
Sewage and waste disposal	22,366	22,745	22,442	22,049	22,989	26,113	-1.7	-14.3
Water supply	13,482	12,953	12,640	12,987	13,656	15,397	4.1	-12.4
Conservation and development	6,420	6,768	7,301	7,249	7,169	6,611	-5.1	-2.9

^pPreliminary ^rRevised¹Includes the following categories of private construction not shown separately:
public safety, highway and street, sewage and waste disposal, water supply, and conservation and development.²Includes 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	Jul 2011 ^p	Jun 2011 ^r	May 2011 ^r	Apr 2011	Mar 2011	Jul 2010	Year-to-date		
							Jul 2011	Jul 2010	Percent change
Total Construction	72,947	73,059	67,296	61,817	56,731	73,315	435,540	451,174	-3.5
Residential	24,482	24,202	22,798	20,532	17,426	23,404	141,303	142,622	-0.9
Nonresidential	48,464	48,857	44,498	41,285	39,305	49,912	294,237	308,552	-4.6
Lodging	691	719	692	684	729	917	4,937	7,018	-29.7
Office	2,931	3,056	2,940	2,799	2,726	3,034	19,575	22,111	-11.5
Commercial	4,008	3,910	3,710	3,401	3,159	3,472	24,009	23,374	2.7
Health care	3,371	3,475	3,318	3,270	3,212	3,344	22,519	22,479	0.2
Educational	8,011	8,142	6,956	6,621	6,234	9,004	47,190	51,106	-7.7
Religious	336	325	336	339	349	429	2,389	3,035	-21.3
Public safety	836	890	830	800	783	909	5,585	6,629	-15.7
Amusement and recreation	1,346	1,371	1,368	1,175	1,214	1,498	8,718	9,458	-7.8
Transportation	3,153	3,098	2,959	2,923	2,776	3,461	20,110	21,382	-5.9
Communication	1,461	1,616	1,486	1,422	1,502	1,516	9,897	10,024	-1.3
Power	7,696	7,632	7,085	6,454	6,136	6,475	46,774	40,522	15.4
Highway and street	7,877	7,542	6,358	5,140	4,427	8,371	38,909	41,457	-6.1
Sewage and waste disposal	2,017	2,077	1,920	1,812	1,799	2,348	12,909	14,357	-10.1
Water supply	1,249	1,225	1,117	1,113	1,118	1,410	7,942	8,522	-6.8
Conservation and development	521	583	575	581	584	559	3,947	3,706	6.5
Manufacturing	2,962	3,196	2,848	2,752	2,556	3,165	18,827	23,373	-19.4
Total Private Construction¹	46,787	46,619	43,817	40,142	36,516	44,322	280,738	285,621	-1.7
Residential	23,830	23,443	22,106	19,828	16,773	22,505	136,497	137,257	-0.6
New single family	9,858	9,490	8,952	8,473	8,143	10,769	59,182	65,331	-9.4
New multi-family	1,215	1,216	1,234	1,158	1,096	1,289	8,001	8,819	-9.3
Nonresidential	22,957	23,176	21,711	20,313	19,743	21,817	144,242	148,364	-2.8
Lodging	643	662	645	643	685	876	4,624	6,833	-32.3
Office	1,976	2,034	1,934	1,797	1,768	1,909	12,839	14,357	-10.6
Commercial	3,709	3,609	3,389	3,133	2,901	3,259	22,095	21,885	1.0
Health care	2,503	2,533	2,402	2,376	2,322	2,568	16,365	17,172	-4.7
Educational	1,270	1,299	1,153	1,119	1,023	1,210	7,630	7,969	-4.3
Religious	334	324	333	336	346	425	2,374	3,001	-20.9
Amusement and recreation	553	570	583	467	461	560	3,532	3,791	-6.8
Transportation	941	911	837	828	785	876	5,889	5,396	9.1
Communication	1,451	1,610	1,479	1,419	1,497	1,513	9,866	9,999	-1.3
Power	6,548	6,366	6,047	5,368	5,317	5,392	39,782	34,140	16.5
Manufacturing	2,908	3,133	2,793	2,702	2,508	3,112	18,456	23,018	-19.8
Total Public Construction²	26,160	26,440	23,479	21,675	20,215	28,993	154,801	165,553	-6.5
Residential	652	759	692	704	653	899	4,806	5,365	-10.4
Nonresidential	25,508	25,681	22,787	20,972	19,562	28,095	149,995	160,189	-6.4
Office	955	1,022	1,007	1,002	958	1,126	6,735	7,754	-13.1
Commercial	299	301	321	268	258	213	1,915	1,490	28.5
Health care	867	942	917	893	890	776	6,154	5,307	16.0
Educational	6,741	6,844	5,803	5,502	5,211	7,794	39,560	43,137	-8.3
Public safety	818	870	813	784	766	897	5,478	6,467	-15.3
Amusement and recreation	792	801	785	709	753	938	5,186	5,667	-8.5
Transportation	2,212	2,187	2,122	2,095	1,991	2,585	14,222	15,986	-11.0
Power	1,148	1,267	1,038	1,086	819	1,083	6,992	6,382	9.6
Highway and street	7,875	7,541	6,357	5,138	4,423	8,361	38,891	41,395	-6.0
Sewage and waste disposal	1,978	2,028	1,873	1,752	1,738	2,316	12,591	14,133	-10.9
Water supply	1,191	1,171	1,070	1,068	1,075	1,353	7,620	8,182	-6.9
Conservation and development	518	580	571	578	580	553	3,921	3,691	6.2

^pPreliminary ^rRevised¹Includes the following categories of private construction not shown separately:
public safety, highway and street, sewage and waste disposal, water supply, and conservation and development.²Includes 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
Total Construction	0.9	0.7	0.8	1.2	1.2
Residential	3.4	3.2	2.2	2.2	2.5
Nonresidential	1.0	0.7	0.8	1.2	1.3
Lodging	5.3	4.3	3.4	3.6	3.8
Office	2.3	2.2	2.0	1.5	2.5
Commercial	3.4	2.7	3.2	2.0	5.1
Health care	2.1	1.6	1.8	1.2	2.1
Educational	2.2	1.9	2.3	2.3	3.1
Religious	6.6	6.0	5.2	4.4	5.5
Public safety	3.2	2.7	2.6	3.3	3.8
Amusement and recreation	4.2	2.8	3.1	3.5	4.1
Transportation	2.8	2.2	2.2	2.7	5.3
Communication	NA	NA	NA	NA	NA
Power	0.8	0.5	1.0	0.5	1.1
Highway and street	3.7	2.2	2.8	5.0	4.1
Sewage and waste disposal	3.2	2.6	2.5	3.1	4.0
Water supply	3.9	2.8	3.6	3.8	4.1
Conservation and development	2.9	1.8	2.3	2.8	2.5
Manufacturing	1.5	1.4	2.4	1.0	2.7
Total Private Construction	1.1	0.9	1.0	0.7	1.3
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	10.9	9.7	5.4	3.7	7.9
Nonresidential	1.1	0.9	1.0	0.7	1.3
Lodging	5.5	4.5	3.4	3.9	3.9
Office	3.6	3.2	3.0	2.2	4.0
Commercial	3.8	2.9	3.3	2.1	5.5
Health care	2.7	2.1	2.2	1.5	2.6
Educational	3.7	3.1	3.8	2.3	5.6
Religious	6.7	6.1	5.3	4.4	5.5
Amusement and recreation	4.3	3.2	3.8	1.8	4.4
Transportation	7.1	4.7	10.2	4.0	13.3
Communication	NA	NA	NA	NA	NA
Power	0.4	0.5	0.5	0.2	0.3
Manufacturing	1.6	1.5	2.4	1.1	2.8
Total Public Construction	1.3	0.9	1.1	1.7	1.7
Residential	3.4	3.2	2.2	2.2	2.5
Nonresidential	1.3	0.9	1.2	1.8	1.7
Office	2.6	2.1	2.0	1.9	2.4
Commercial	7.5	6.8	11.1	5.4	11.4
Health care	3.0	2.2	2.9	1.7	3.3
Educational	2.4	2.2	2.6	2.7	3.4
Public safety	3.2	2.7	2.6	3.4	3.9
Amusement and recreation	5.9	4.0	4.4	5.5	5.8
Transportation	2.9	2.3	2.2	3.0	5.4
Power	5.5	2.7	8.0	3.5	12.7
Highway and street	3.7	2.2	2.8	5.0	4.1
Sewage and waste disposal	3.2	2.7	2.5	3.2	4.0
Water supply	4.0	2.9	3.7	3.9	4.2
Conservation and development	2.9	1.8	2.3	2.8	2.5

NA Not applicable