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JULY 2012 CONSTRUCTION AT \$834.4 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during July 2012 was estimated at a seasonally adjusted annual rate of \$834.4 billion, 0.9 percent ($\pm 1.8\%$)* below the revised June estimate of \$842.2 billion. The July figure is 9.3 percent ($\pm 2.3\%$) above the July 2011 estimate of \$763.5 billion.

During the first 7 months of this year, construction spending amounted to \$464.4 billion, 9.3 percent ($\pm 1.5\%$) above the \$425.0 billion for the same period in 2011.

PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$558.7 billion, 1.2 percent ($\pm 1.3\%$)* below the revised June estimate of \$565.6 billion. Residential construction was at a seasonally adjusted annual rate of \$264.6 billion in July, 1.6 percent ($\pm 1.3\%$) below the revised June estimate of \$268.9 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$294.1 billion in July, 0.9 percent ($\pm 1.3\%$)* below the revised June estimate of \$296.7 billion.

PUBLIC CONSTRUCTION

In July, the estimated seasonally adjusted annual rate of public construction spending was \$275.7 billion, 0.4 percent ($\pm 2.8\%$)* below the revised June estimate of \$276.7 billion. Educational construction was at a seasonally adjusted annual rate of \$66.0 billion, 0.6 percent ($\pm 4.4\%$)* below the revised June estimate of \$66.4 billion. Highway construction was at a seasonally adjusted annual rate of \$81.2 billion, 0.3 percent ($\pm 7.2\%$)* below the revised June estimate of \$81.4 billion.

August 2012 data will be released on October 1, 2012 at 10:00 A.M. EDT.

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

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

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.

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, 1.3 percent; private construction, 1.7 percent; and public construction, 0.8 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 2012 ^P	Jun 2012 ^r	May 2012 ^r	Apr 2012	Mar 2012	Jul 2011	Percent change Jul 2012 from -	
							Jun 2012	Jul 2011
							Total Construction	834,384
Residential	271,214	275,520	268,937	260,635	256,156	230,599	-1.6	17.6
Nonresidential	563,170	566,704	569,841	564,499	561,686	532,869	-0.6	5.7
Lodging	11,323	11,346	10,954	11,020	11,122	8,546	-0.2	32.5
Office	36,332	36,255	36,102	35,540	35,780	34,222	0.2	6.2
Commercial	46,080	46,901	47,548	46,596	46,425	45,402	-1.8	1.5
Health care	41,265	41,114	41,324	40,918	40,154	40,925	0.4	0.8
Educational	83,850	84,079	84,018	84,543	85,520	84,319	-0.3	-0.6
Religious	3,901	3,855	3,815	3,912	4,019	4,208	1.2	-7.3
Public safety	10,560	10,491	10,628	10,276	10,577	9,954	0.7	6.1
Amusement and recreation	15,888	16,062	16,160	15,566	15,820	16,380	-1.1	-3.0
Transportation	38,104	37,622	37,279	34,988	32,793	33,619	1.3	13.3
Communication	17,340	17,448	16,917	16,911	17,008	18,073	-0.6	-4.1
Power	87,077	88,152	92,070	94,090	94,195	73,973	-1.2	17.7
Highway and street	81,342	81,534	80,383	79,553	77,797	77,149	-0.2	5.4
Sewage and waste disposal	21,676	21,938	22,013	22,325	22,915	22,063	-1.2	-1.8
Water supply	12,767	12,930	13,663	13,522	13,446	14,684	-1.3	-13.1
Conservation and development	6,017	6,208	6,435	6,094	6,323	7,186	-3.1	-16.3
Manufacturing	49,649	50,771	50,532	48,647	47,791	42,168	-2.2	17.7
Total Private Construction¹	558,714	565,567	562,145	552,328	544,797	485,790	-1.2	15.0
Residential	264,617	268,852	262,636	254,145	249,452	222,417	-1.6	19.0
New single family	127,454	125,629	121,805	119,578	117,712	106,980	1.5	19.1
New multi-family	21,963	21,369	20,642	19,631	18,028	15,199	2.8	44.5
Nonresidential	294,097	296,714	299,509	298,183	295,345	263,373	-0.9	11.7
Lodging	10,652	10,650	10,350	10,313	10,225	7,852	0.0	35.7
Office	25,311	25,349	25,335	24,294	24,552	22,967	-0.1	10.2
Commercial	42,868	43,694	44,184	43,382	43,234	41,713	-1.9	2.8
Health care	30,071	30,208	30,282	30,377	29,560	29,082	-0.5	3.4
Educational	17,825	17,632	17,414	17,273	17,465	14,812	1.1	20.3
Religious	3,884	3,826	3,785	3,890	3,989	4,184	1.5	-7.2
Amusement and recreation	6,529	6,518	6,562	6,571	6,414	7,262	0.2	-10.1
Transportation	11,379	11,072	11,032	10,717	9,346	9,649	2.8	17.9
Communication	17,076	17,285	16,709	16,689	16,696	17,891	-1.2	-4.6
Power	78,319	79,423	82,845	85,518	85,778	64,917	-1.4	20.6
Manufacturing	48,693	49,721	49,446	47,873	46,762	41,479	-2.1	17.4
Total Public Construction²	275,670	276,658	276,633	272,805	273,045	277,677	-0.4	-0.7
Residential	6,597	6,668	6,300	6,490	6,704	8,182	-1.1	-19.4
Nonresidential	269,073	269,990	270,332	266,315	266,341	269,495	-0.3	-0.2
Office	11,021	10,906	10,767	11,246	11,229	11,255	1.1	-2.1
Commercial	3,212	3,208	3,364	3,214	3,191	3,689	0.1	-12.9
Health care	11,194	10,906	11,042	10,542	10,594	11,843	2.6	-5.5
Educational	66,025	66,446	66,605	67,270	68,055	69,507	-0.6	-5.0
Public safety	10,462	10,344	10,508	10,177	10,486	9,701	1.1	7.8
Amusement and recreation	9,359	9,544	9,598	8,995	9,407	9,118	-1.9	2.6
Transportation	26,725	26,550	26,248	24,271	23,447	23,970	0.7	11.5
Power	8,758	8,729	9,226	8,572	8,417	9,056	0.3	-3.3
Highway and street	81,151	81,405	80,234	79,397	77,687	77,111	-0.3	5.2
Sewage and waste disposal	20,982	21,307	21,371	21,819	22,254	21,577	-1.5	-2.8
Water supply	12,341	12,593	13,099	13,061	13,069	13,957	-2.0	-11.6
Conservation and development	5,936	6,115	6,344	6,027	6,237	7,125	-2.9	-16.7

^PPreliminary ^rRevised

¹Includes 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 2012 ^p	Jun 2012 ^f	May 2012 ^f	Apr 2012	Mar 2012	Jul 2011	Year-to-date		
							Jul 2012	Jul 2011	Percent change
Total Construction	76,623	76,368	71,635	66,201	60,939	69,929	464,409	425,037	9.3
Residential	25,380	25,491	23,452	21,639	18,755	21,681	148,318	136,164	8.9
Nonresidential	51,243	50,877	48,183	44,563	42,184	48,248	316,091	288,874	9.4
Lodging	944	946	913	918	927	712	6,254	5,030	24.3
Office	3,092	3,157	3,116	2,966	2,865	2,905	20,475	19,660	4.1
Commercial	4,102	4,186	4,060	3,862	3,646	4,054	26,613	24,036	10.7
Health care	3,465	3,539	3,489	3,388	3,264	3,402	23,459	22,616	3.7
Educational	8,342	8,080	7,094	6,626	6,363	8,448	48,396	47,409	2.1
Religious	331	320	305	315	321	353	2,244	2,414	-7.0
Public safety	894	901	889	831	836	838	5,985	5,645	6.0
Amusement and recreation	1,408	1,391	1,396	1,281	1,237	1,424	9,048	9,141	-1.0
Transportation	3,406	3,324	3,134	2,787	2,435	3,004	19,831	19,388	2.3
Communication	1,446	1,497	1,466	1,324	1,363	1,440	9,513	9,718	-2.1
Power	7,406	7,447	7,560	7,373	7,500	6,223	52,069	38,794	34.2
Highway and street	8,685	8,159	6,993	5,502	4,333	8,082	41,164	39,348	4.6
Sewage and waste disposal	1,913	1,948	1,847	1,747	1,760	1,951	12,534	12,604	-0.6
Water supply	1,112	1,140	1,159	1,111	1,041	1,273	7,551	7,925	-4.7
Conservation and development	504	516	513	492	499	590	3,415	4,232	-19.3
Manufacturing	4,194	4,327	4,250	4,040	3,797	3,550	27,541	20,913	31.7
Total Private Construction¹	50,064	50,524	48,168	45,195	41,788	43,462	312,505	269,831	15.8
Residential	24,806	24,900	22,919	21,109	18,246	20,981	144,502	131,015	10.3
New single family	12,014	11,367	10,360	9,550	9,018	10,059	67,806	59,717	13.5
New multi-family	1,928	1,886	1,769	1,659	1,476	1,318	11,389	8,132	40.1
Nonresidential	25,258	25,623	25,249	24,087	23,542	22,481	168,003	138,816	21.0
Lodging	888	888	863	859	852	654	5,852	4,681	25.0
Office	2,156	2,215	2,211	2,020	1,969	1,956	14,184	12,803	10.8
Commercial	3,840	3,913	3,785	3,608	3,393	3,755	24,814	22,076	12.4
Health care	2,524	2,615	2,547	2,500	2,389	2,428	17,211	16,071	7.1
Educational	1,628	1,659	1,569	1,434	1,404	1,357	10,110	7,908	27.8
Religious	329	318	302	313	319	351	2,229	2,397	-7.0
Amusement and recreation	559	545	557	544	537	620	3,757	3,853	-2.5
Transportation	1,015	970	930	843	667	865	5,733	5,162	11.1
Communication	1,424	1,484	1,448	1,306	1,337	1,425	9,379	9,666	-3.0
Power	6,656	6,664	6,748	6,582	6,859	5,449	46,954	32,832	43.0
Manufacturing	4,115	4,239	4,159	3,975	3,712	3,492	26,989	20,539	31.4
Total Public Construction²	26,558	25,844	23,467	21,006	19,151	26,467	151,904	155,206	-2.1
Residential	574	591	533	530	509	700	3,816	5,149	-25.9
Nonresidential	25,985	25,254	22,934	20,476	18,642	25,767	148,088	150,057	-1.3
Office	936	943	905	946	896	950	6,291	6,857	-8.3
Commercial	262	274	275	254	253	298	1,799	1,960	-8.2
Health care	941	924	942	888	875	974	6,247	6,545	-4.6
Educational	6,714	6,422	5,524	5,192	4,958	7,091	38,286	39,502	-3.1
Public safety	886	887	878	823	828	816	5,915	5,525	7.1
Amusement and recreation	849	846	840	737	700	804	5,291	5,288	0.1
Transportation	2,391	2,354	2,204	1,944	1,768	2,139	14,099	14,226	-0.9
Power	749	783	812	791	641	774	5,115	5,962	-14.2
Highway and street	8,668	8,148	6,981	5,489	4,324	8,079	41,088	39,321	4.5
Sewage and waste disposal	1,855	1,891	1,793	1,706	1,705	1,911	12,172	12,286	-0.9
Water supply	1,078	1,114	1,115	1,076	1,014	1,215	7,320	7,586	-3.5
Conservation and development	497	509	506	486	491	585	3,364	4,207	-20.0

^pPreliminary ^fRevised

¹Includes 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	0.9	1.1	1.4
Residential	3.9	3.2	2.0	2.5	2.5
Nonresidential	0.9	0.7	0.9	1.1	1.4
Lodging	3.1	2.1	5.1	2.1	5.8
Office	3.3	3.7	3.8	2.5	4.0
Commercial	3.8	3.1	3.7	2.4	3.6
Health care	1.9	1.8	2.2	1.1	2.3
Educational	2.2	1.3	2.3	2.3	2.9
Religious	6.9	5.3	6.8	5.1	7.6
Public safety	3.4	2.5	3.3	2.5	4.1
Amusement and recreation	3.8	3.0	3.8	2.4	5.0
Transportation	2.0	1.9	2.9	2.3	4.0
Communication	NA	NA	NA	NA	NA
Power	0.5	0.4	0.7	0.3	0.6
Highway and street	3.4	2.1	2.9	4.4	5.4
Sewage and waste disposal	3.6	3.0	3.3	3.5	3.8
Water supply	4.0	2.9	3.6	3.4	4.7
Conservation and development	3.7	2.8	1.9	2.3	2.9
Manufacturing	1.6	1.2	2.1	0.5	2.0
Total Private Construction	1.1	1.1	1.3	0.8	1.4
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	9.6	8.3	12.7	3.2	17.0
Nonresidential	1.1	1.1	1.3	0.8	1.4
Lodging	3.2	2.2	5.4	2.2	6.0
Office	5.2	5.5	5.9	3.6	6.1
Commercial	4.2	3.4	4.1	2.5	3.9
Health care	2.5	2.5	3.1	1.3	3.0
Educational	3.3	2.9	5.1	2.7	5.1
Religious	7.0	5.3	6.9	5.2	7.7
Amusement and recreation	4.8	3.7	4.9	1.4	4.6
Transportation	4.0	3.3	7.6	2.0	8.7
Communication	NA	NA	NA	NA	NA
Power	0.3	0.4	0.7	0.1	0.3
Manufacturing	1.7	1.2	2.1	0.6	2.1
Total Public Construction	1.3	0.8	1.1	1.7	2.0
Residential	3.9	3.2	2.0	2.5	2.5
Nonresidential	1.4	0.8	1.2	1.7	2.0
Office	2.5	1.8	2.0	2.0	2.4
Commercial	6.0	4.8	5.8	5.9	7.0
Health care	2.4	2.1	2.3	1.7	2.6
Educational	2.5	1.5	2.5	2.7	3.3
Public safety	3.4	2.6	3.3	2.5	4.2
Amusement and recreation	5.1	4.3	5.4	3.6	8.0
Transportation	2.2	2.1	3.0	2.6	4.4
Power	5.2	3.5	3.2	3.2	5.1
Highway and street	3.4	2.1	2.9	4.4	5.4
Sewage and waste disposal	3.7	3.0	3.4	3.6	3.8
Water supply	4.2	3.0	3.8	3.4	4.9
Conservation and development	3.8	2.8	1.9	2.3	2.9

NA Not applicable