

U.S. Census Bureau News

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

For Release at 10:00 A.M. EDT, Tuesday, September 4, 2007

Michael Davis, Linnet Holland, or John Tremblay
(301) 763-1605

CB07-122

JULY 2007 CONSTRUCTION AT \$1,169.1 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during July 2007 was estimated at a seasonally adjusted annual rate of \$1,169.1 billion, 0.4 percent ($\pm 1.6\%$)* below the revised June estimate of \$1,173.2 billion. The July figure is 2.0 percent ($\pm 2.4\%$)* below the July 2006 estimate of \$1,192.9 billion.

During the first 7 months of this year, construction spending amounted to \$657.7 billion, 3.4 percent ($\pm 1.6\%$) below the \$680.9 billion for the same period in 2006.

PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$880.1 billion, 0.7 percent ($\pm 1.1\%$)* below the revised June estimate of \$886.3 billion. Residential construction was at a seasonally adjusted annual rate of \$534.0 billion in July, 1.4 percent ($\pm 1.3\%$) below the revised June estimate of \$541.8 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$346.0 billion in July, 0.4 percent ($\pm 1.1\%$)* above the revised June estimate of \$344.5 billion.

PUBLIC CONSTRUCTION

In July, the estimated seasonally adjusted annual rate of public construction spending was \$289.0 billion, 0.7 percent ($\pm 2.7\%$)* above the revised June estimate of \$287.0 billion. Educational construction was at a seasonally adjusted annual rate of \$83.0 billion, 1.9 percent ($\pm 4.2\%$)* above the revised June estimate of \$81.5 billion. Highway construction was at a seasonally adjusted annual rate of \$74.3 billion, 0.8 percent ($\pm 7.0\%$)* below the revised June estimate of \$74.9 billion.

August 2007 data will be released on September 28, 2007 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.

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 2007 ^P	Jun 2007 ^F	May 2007 ^F	Apr 2007	Mar 2007	Jul 2006	Percent change Jul 2007 from -	
							Jun 2007	Jul 2006
Total Construction	1,169,074	1,173,246	1,172,135	1,166,171	1,163,647	1,192,932	-0.4	-2.0
Residential	541,866	549,706	552,043	558,467	562,214	642,219	-1.4	-15.6
Nonresidential	627,207	623,540	620,092	607,704	601,433	550,713	0.6	13.9
Lodging	30,296	30,224	29,297	27,124	25,907	18,862	0.2	60.6
Office	64,335	63,797	62,563	61,823	61,934	57,222	0.8	12.4
Commercial	85,869	84,976	85,849	85,678	83,984	74,629	1.1	15.1
Health care	45,669	44,862	44,512	44,325	44,279	39,871	1.8	14.5
Educational	99,882	98,163	96,719	94,355	93,186	85,554	1.8	16.7
Religious	7,738	7,489	7,453	7,614	7,637	7,600	3.3	1.8
Public safety	10,509	10,178	9,716	9,261	9,176	7,579	3.3	38.7
Amusement and recreation	19,504	19,836	20,312	19,473	19,620	18,795	-1.7	3.8
Transportation	30,560	30,631	29,871	28,338	27,976	27,728	-0.2	10.2
Communication	26,251	26,877	26,433	24,507	25,449	21,353	-2.3	22.9
Power	48,263	48,409	49,153	46,991	46,147	38,835	-0.3	24.3
Highway and street	74,670	75,334	75,181	76,685	76,598	74,894	-0.9	-0.3
Sewage and waste disposal	24,116	24,028	23,569	23,802	23,270	22,957	0.4	5.0
Water supply	16,309	16,110	16,429	16,006	16,127	15,010	1.2	8.7
Conservation and development	6,300	5,888	5,344	4,974	4,855	5,371	7.0	17.3
Manufacturing	36,938	36,738	37,692	36,748	35,288	34,453	0.5	7.2
Total Private Construction ¹	880,070	886,292	888,085	888,025	886,834	936,545	-0.7	-6.0
Residential	534,038	541,763	544,767	551,730	555,606	636,624	-1.4	-16.1
Nonresidential	346,032	344,529	343,318	336,295	331,228	299,921	0.4	15.4
Lodging	29,267	29,040	28,078	26,203	25,030	18,527	0.8	58.0
Office	53,870	53,545	52,682	52,813	52,823	48,803	0.6	10.4
Commercial	82,363	81,569	82,287	82,311	80,243	71,594	1.0	15.0
Health care	37,086	36,600	36,302	36,473	36,542	33,589	1.3	10.4
Educational	16,846	16,656	15,380	15,479	15,301	13,188	1.1	27.7
Religious	7,724	7,485	7,449	7,614	7,631	7,593	3.2	1.7
Amusement and recreation	8,295	8,650	8,728	8,507	9,323	9,260	-4.1	-10.4
Transportation	8,362	8,328	8,481	8,234	8,226	8,196	0.4	2.0
Communication	26,182	26,770	26,367	24,462	25,380	21,302	-2.2	22.9
Power	37,717	37,548	38,247	35,679	34,186	31,954	0.5	18.0
Manufacturing	36,569	36,419	37,437	36,491	34,999	34,240	0.4	6.8
Total Public Construction ²	289,004	286,955	284,050	278,146	276,813	256,387	0.7	12.7
Residential	7,829	7,944	7,276	6,737	6,608	5,596	-1.4	39.9
Nonresidential	281,175	279,011	276,774	271,408	270,205	250,792	0.8	12.1
Office	10,465	10,252	9,881	9,011	9,110	8,419	2.1	24.3
Commercial	3,506	3,406	3,562	3,367	3,741	3,035	2.9	15.5
Health care	8,582	8,262	8,211	7,852	7,737	6,282	3.9	36.6
Educational	83,036	81,507	81,339	78,876	77,885	72,365	1.9	14.7
Public safety	9,995	9,647	9,225	8,792	8,786	7,130	3.6	40.2
Amusement and recreation	11,209	11,187	11,584	10,966	10,297	9,535	0.2	17.6
Transportation	22,198	22,303	21,390	20,104	19,751	19,533	-0.5	13.6
Power	10,547	10,860	10,906	11,311	11,961	6,881	-2.9	53.3
Highway and street	74,305	74,898	74,722	76,185	76,122	74,516	-0.8	-0.3
Sewage and waste disposal	23,832	23,735	23,253	23,335	23,015	22,649	0.4	5.2
Water supply	15,934	15,547	15,987	15,557	15,794	14,556	2.5	9.5
Conservation and development	6,088	5,794	5,170	4,830	4,763	5,283	5.1	15.2

^P Preliminary ^F Revised

¹ 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.

² 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	Jul 2007 ^P	Jun 2007 ^r	May 2007 ^r	Apr 2007	Mar 2007	Jul 2006	Year-to-date		Percent change
							Jul 2007	Jul 2006	
Total Construction	108,497	107,067	100,960	93,773	88,119	110,746	657,690	680,863	-3.4
Residential	51,708	50,805	48,047	44,979	42,719	60,851	313,921	380,933	-17.6
Nonresidential	56,789	56,263	52,913	48,794	45,401	49,895	343,770	299,930	14.6
Lodging	2,525	2,519	2,441	2,260	2,159	1,572	15,575	9,522	63.6
Office	5,501	5,469	5,429	5,307	4,999	4,817	36,450	29,958	21.7
Commercial	7,589	7,484	7,315	7,041	6,572	6,617	48,223	41,819	15.3
Health care	3,829	3,888	3,799	3,687	3,607	3,353	25,578	22,077	15.9
Educational	9,811	9,307	8,063	7,396	6,823	8,447	54,025	48,006	12.5
Religious	668	645	620	612	595	658	4,303	4,355	-1.2
Public safety	881	866	787	756	707	634	5,307	4,285	23.9
Amusement and recreation	1,682	1,715	1,761	1,632	1,546	1,602	11,062	10,058	10.0
Transportation	2,715	2,703	2,512	2,292	2,015	2,466	16,223	14,806	9.6
Communication	2,211	2,289	2,245	1,933	2,096	1,707	14,222	11,764	20.9
Power	4,166	4,304	4,102	3,833	3,660	3,354	26,641	22,082	20.6
Highway and street	8,012	7,767	6,838	5,542	4,503	7,994	40,283	38,398	4.9
Sewage and waste disposal	2,128	2,196	2,060	1,852	1,705	2,041	13,354	12,612	5.9
Water supply	1,396	1,407	1,386	1,322	1,236	1,285	8,991	8,396	7.1
Conservation and development	538	486	427	381	373	441	3,060	2,894	5.7
Manufacturing	3,139	3,218	3,129	2,949	2,806	2,908	20,473	18,899	8.3
Total Private Construction ¹	80,848	80,100	76,578	72,082	68,772	86,090	502,155	541,134	-7.2
Residential	51,043	50,098	47,405	44,414	42,199	60,376	309,868	377,475	-17.9
Nonresidential	29,805	30,002	29,173	27,668	26,573	25,714	192,287	163,660	17.5
Lodging	2,439	2,420	2,340	2,184	2,086	1,544	15,022	9,411	59.6
Office	4,622	4,598	4,579	4,555	4,279	4,122	30,993	25,307	22.5
Commercial	7,304	7,203	7,019	6,753	6,264	6,367	46,196	40,083	15.3
Health care	3,103	3,171	3,098	3,016	2,987	2,828	20,993	18,498	13.5
Educational	1,554	1,541	1,369	1,282	1,194	1,223	9,156	7,768	17.9
Religious	667	644	620	612	595	658	4,300	4,350	-1.1
Amusement and recreation	695	731	751	724	770	782	4,996	5,033	-0.7
Transportation	711	734	756	689	618	706	4,703	4,618	1.8
Communication	2,206	2,280	2,240	1,929	2,090	1,703	14,181	11,749	20.7
Power	3,240	3,313	3,134	2,839	2,798	2,740	20,447	17,134	19.3
Manufacturing	3,108	3,192	3,107	2,928	2,782	2,890	20,317	18,785	8.2
Total Public Construction ²	27,649	26,968	24,382	21,691	19,347	24,656	155,535	139,729	11.3
Residential	665	707	642	565	520	475	4,053	3,458	17.2
Nonresidential	26,984	26,261	23,740	21,126	18,828	24,181	151,483	136,271	11.2
Office	878	870	850	752	720	695	5,458	4,651	17.4
Commercial	285	282	296	288	307	249	2,027	1,736	16.8
Health care	725	717	701	671	620	525	4,585	3,578	28.1
Educational	8,258	7,766	6,695	6,114	5,629	7,224	44,869	40,238	11.5
Public safety	833	817	744	716	678	594	5,039	4,031	25.0
Amusement and recreation	987	983	1,010	908	776	821	6,066	5,025	20.7
Transportation	2,004	1,969	1,756	1,603	1,397	1,760	11,520	10,188	13.1
Power	927	991	968	994	862	614	6,194	4,948	25.2
Highway and street	7,977	7,723	6,799	5,504	4,473	7,957	40,040	38,161	4.9
Sewage and waste disposal	2,103	2,169	2,033	1,817	1,686	2,014	13,178	12,464	5.7
Water supply	1,363	1,362	1,348	1,287	1,211	1,244	8,774	8,160	7.5
Conservation and development	520	478	412	369	365	434	2,981	2,845	4.8

^P Preliminary ^r Revised

¹ 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.

² 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
Total Construction	1.0	0.7	1.0	1.0	1.5
Residential	5.6	5.6	8.7	3.4	11.3
Nonresidential	1.0	0.7	1.0	1.0	1.5
Lodging	2.5	2.1	4.6	1.2	5.4
Office	2.5	2.2	3.4	1.7	3.0
Commercial	3.5	2.9	3.2	1.4	3.6
Health care	2.1	1.6	2.4	1.5	3.0
Educational	2.1	1.5	2.2	2.2	3.9
Religious	4.3	3.2	4.5	3.5	7.6
Public safety	4.2	3.1	5.9	2.6	7.5
Amusement and recreation	3.7	3.0	4.4	2.7	5.5
Transportation	2.4	1.8	2.9	2.6	3.8
Communication	NA	NA	NA	NA	NA
Power	1.2	0.7	1.8	0.6	2.6
Highway and street	3.4	1.9	2.8	4.3	4.9
Sewage and waste disposal	3.2	2.1	3.5	2.8	4.7
Water supply	4.7	3.2	4.4	4.6	6.6
Conservation and development	4.4	3.1	3.8	3.1	6.1
Manufacturing	2.3	1.9	2.5	1.7	2.8
Total Private Construction	1.3	1.1	1.5	0.7	1.6
Residential	5.0	1.1	1.3	0.8	1.4
Nonresidential	1.3	1.1	1.5	0.7	1.6
Lodging	2.6	2.1	4.7	1.2	5.4
Office	2.9	2.6	3.9	2.0	3.0
Commercial	3.7	3.0	3.4	1.5	3.7
Health care	2.5	2.0	2.7	1.8	3.5
Educational	3.8	3.0	4.6	2.9	6.2
Religious	4.3	3.2	4.5	3.5	7.6
Amusement and recreation	4.4	3.4	5.0	1.9	6.0
Transportation	8.4	6.3	8.7	7.4	6.0
Communication	NA	NA	NA	NA	NA
Power	0.9	0.3	1.4	0.6	1.9
Manufacturing	2.1	1.7	2.5	1.3	2.3
Total Public Construction	1.3	0.8	1.2	1.7	2.3
Residential	5.6	5.6	8.7	3.4	11.3
Nonresidential	1.4	0.8	1.3	1.7	2.3
Office	4.1	3.3	5.2	2.4	8.7
Commercial	6.0	5.0	6.3	4.8	6.7
Health care	2.9	2.5	4.8	2.3	5.3
Educational	2.4	1.7	2.5	2.6	4.4
Public safety	4.4	3.2	6.2	2.7	7.9
Amusement and recreation	5.6	4.7	7.0	4.5	8.7
Transportation	2.5	1.8	3.1	2.7	4.2
Power	4.4	3.8	6.0	3.0	14.3
Highway and street	3.5	1.9	2.8	4.4	4.9
Sewage and waste disposal	3.2	2.2	3.5	2.8	4.8
Water supply	4.8	3.3	4.6	4.7	6.7
Conservation and development	4.5	3.1	3.8	2.7	5.9

NA Not applicable