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## **JUNE 2004 CONSTRUCTION AT \$985.2 BILLION ANNUAL RATE**

Construction put in place spending during June 2004 was estimated at a seasonally adjusted annual rate of \$985.2 billion, 0.3 ( $\pm 1.6$ ) percent below the revised May estimate of \$987.8 billion, according to the U.S. Commerce Department's Census Bureau. The June figure is 8.6 ( $\pm 2.2$ ) percent above the June 2003 estimate of \$906.8 billion.

During the first 6 months of this year, construction spending amounted to \$458.6 billion, 8.9 ( $\pm 1.8$ ) percent above the \$421.2 billion for the same period in 2003.

### PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$746.6 billion, 0.4 ( $\pm 1.8$ ) percent below the revised May estimate of \$749.6 billion. Residential construction was at a seasonally adjusted annual rate of \$527.1 billion in June, 0.6 ( $\pm 1.8$ ) percent below the revised May estimate of \$530.2 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$219.5 billion in June, nearly the same ( $\pm 1.8$  percent) as the revised May estimate of \$219.4 billion.

### PUBLIC CONSTRUCTION

In June, the estimated seasonally adjusted annual rate of public construction spending was \$238.5 billion, 0.2 ( $\pm 2.4$ ) percent above the revised May estimate of \$238.1 billion. Educational construction was at a seasonally adjusted annual rate of \$63.4 billion, 2.2 ( $\pm 3.8$ ) percent above the revised May estimate of \$62.0 billion. Highway construction was at a seasonally adjusted annual rate of \$67.2 billion, 3.9 ( $\pm 5.4$ ) percent below the revised May estimate of \$69.9 billion.

July 2004 data will be released on September 1, 2004 at 10:00 AM EDT.

### 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 errors 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. If the range contains zero, it is uncertain whether there was an increase or decrease; that is, the change was not statistically significant. For any comparison cited without a confidence interval, the change is statistically significant. 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, 0.7 percent; private construction, 0.6 percent; and public construction, 2.0 percent.

More detailed data and a discussion of methodologies appear at our website: <http://www.census.gov/constructionspending>

**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 2004 <sup>P</sup>	May 2004 <sup>r</sup>	Apr 2004 <sup>r</sup>	Mar 2004	Feb 2004	Jun 2003	Percent change Jun 2004 from -	
							May 2004	Jun 2003
<b>Total Construction</b>	<b>985,162</b>	<b>987,755</b>	<b>986,364</b>	<b>973,868</b>	<b>952,176</b>	<b>906,792</b>	<b>-0.3</b>	<b>8.6</b>
Residential	534,454	537,564	532,946	528,965	522,724	471,918	-0.6	13.3
Nonresidential	450,707	450,190	453,418	444,903	429,452	434,874	0.1	3.6
Lodging	12,406	11,932	12,470	12,312	11,124	11,472	4.0	8.1
Office	44,209	43,871	44,899	44,229	43,556	41,244	0.8	7.2
Commercial	64,661	63,718	63,632	60,541	61,051	64,104	1.5	0.9
Health care	33,937	33,910	34,207	31,692	30,108	30,452	0.1	11.4
Educational	76,341	75,158	76,551	74,958	72,565	77,076	1.6	-1.0
Religious	8,309	8,281	8,199	8,049	7,835	8,780	0.3	-5.4
Public safety	8,592	8,512	8,530	8,156	8,150	8,938	0.9	-3.9
Amusement and recreation	20,153	20,130	19,774	19,121	19,106	20,310	0.1	-0.8
Transportation	25,689	25,821	26,873	27,122	25,123	25,527	-0.5	0.6
Communication	12,239	12,334	12,773	12,621	12,719	12,720	-0.8	-3.8
Power	33,473	32,489	32,912	34,584	35,460	29,509	3.0	13.4
Highway and street	67,885	70,493	69,273	68,012	60,125	61,929	-3.7	9.6
Sewage and waste disposal	14,873	15,202	14,777	14,489	14,345	13,406	-2.2	10.9
Water supply	10,412	10,024	10,550	10,602	10,128	10,545	3.9	-1.3
Conservation and development	4,338	4,054	4,275	4,374	3,999	4,040	7.0	7.4
Manufacturing	13,190	14,261	13,724	14,042	14,056	14,822	-7.5	-11.0
<b>Total Private Construction <sup>1</sup></b>	<b>746,634</b>	<b>749,649</b>	<b>747,475</b>	<b>738,714</b>	<b>732,100</b>	<b>677,810</b>	<b>-0.4</b>	<b>10.2</b>
Residential	527,146	530,211	525,895	522,178	516,436	465,063	-0.6	13.3
Nonresidential	219,488	219,437	221,580	216,536	215,664	212,747	0.0	3.2
Lodging	11,653	11,138	11,374	11,060	10,139	9,772	4.6	19.2
Office	32,162	31,901	33,107	32,249	32,010	30,535	0.8	5.3
Commercial	59,491	58,947	58,906	56,400	56,801	58,963	0.9	0.9
Health care	26,871	26,982	26,973	25,167	23,950	24,046	-0.4	11.7
Educational	12,983	13,157	13,634	12,676	12,414	13,822	-1.3	-6.1
Religious	8,308	8,280	8,198	8,048	7,833	8,766	0.3	-5.2
Amusement and recreation	8,463	8,170	8,323	7,767	7,698	7,989	3.6	5.9
Transportation	6,321	6,430	6,640	7,074	7,288	6,362	-1.7	-0.6
Communication	12,127	12,223	12,635	12,455	12,623	12,612	-0.8	-3.8
Power	25,690	26,216	26,588	27,978	29,234	24,005	-2.0	7.0
Manufacturing	12,955	14,053	13,430	13,854	13,793	14,659	-7.8	-11.6
<b>Total Public Construction <sup>2</sup></b>	<b>238,528</b>	<b>238,106</b>	<b>238,889</b>	<b>235,154</b>	<b>220,076</b>	<b>228,982</b>	<b>0.2</b>	<b>4.2</b>
Residential	7,308	7,353	7,051	6,787	6,288	6,855	-0.6	6.6
Nonresidential	231,220	230,753	231,838	228,368	213,788	222,127	0.2	4.1
Office	12,047	11,970	11,793	11,980	11,546	10,709	0.6	12.5
Commercial	5,170	4,771	4,726	4,140	4,251	5,140	8.4	0.6
Health care	7,066	6,929	7,234	6,525	6,159	6,406	2.0	10.3
Educational	63,358	62,001	62,917	62,283	60,151	63,255	2.2	0.2
Public safety	8,310	8,254	8,192	7,908	7,886	8,800	0.7	-5.6
Amusement and recreation	11,691	11,960	11,451	11,354	11,408	12,321	-2.2	-5.1
Transportation	19,368	19,391	20,233	20,048	17,835	19,165	-0.1	1.1
Power	7,784	6,273	6,324	6,606	6,226	5,504	24.1	41.4
Highway and street	67,167	69,866	68,900	67,585	59,459	61,718	-3.9	8.8
Sewage and waste disposal	14,506	14,814	14,324	14,025	13,918	13,057	-2.1	11.1
Water supply	9,874	9,596	10,149	10,326	9,856	10,196	2.9	-3.2
Conservation and development	3,778	3,816	4,067	3,980	3,748	3,869	-1.0	-2.4

<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	Jun 2004 <sup>P</sup>	May 2004 <sup>r</sup>	Apr 2004 <sup>r</sup>	Mar 2004	Feb 2004	Jun 2003	Year-to-date		Percent change
							Jun 2004	Jun 2003	
<b>Total Construction</b>	<b>89,761</b>	<b>85,157</b>	<b>80,161</b>	<b>73,627</b>	<b>63,997</b>	<b>82,399</b>	<b>458,565</b>	<b>421,220</b>	<b>8.9</b>
Residential	49,074	47,470	43,865	40,359	33,779	43,340	250,419	219,669	14.0
Nonresidential	40,687	37,687	36,297	33,268	30,218	39,059	208,145	201,551	3.3
Lodging	1,034	994	1,039	1,026	927	956	5,814	5,746	1.2
Office	3,792	3,720	3,785	3,608	3,307	3,542	21,291	19,727	7.9
Commercial	5,722	5,310	5,183	4,657	4,463	5,629	29,774	29,201	2.0
Health care	2,974	2,890	2,907	2,622	2,396	2,637	16,118	14,827	8.7
Educational	7,081	6,215	5,987	5,513	5,100	7,094	34,963	34,505	1.3
Religious	706	687	661	617	586	741	3,831	4,066	-5.8
Public safety	732	702	697	640	614	759	4,029	4,208	-4.3
Amusement and recreation	1,791	1,742	1,684	1,531	1,428	1,786	9,663	9,852	-1.9
Transportation	2,267	2,193	2,160	1,966	1,723	2,284	12,020	11,839	1.5
Communication	1,105	959	1,066	1,047	889	1,093	5,850	5,906	-0.9
Power	2,782	2,629	2,773	2,854	2,748	2,496	16,648	16,320	2.0
Highway and street	6,935	6,008	4,837	3,845	2,965	6,278	27,723	25,355	9.3
Sewage and waste disposal	1,346	1,284	1,184	1,086	964	1,203	6,859	6,266	9.5
Water supply	907	845	861	799	736	923	4,902	5,005	-2.1
Conservation and development	358	307	343	330	292	332	1,916	1,804	6.2
Manufacturing	1,158	1,202	1,130	1,127	1,081	1,308	6,745	6,925	-2.6
<b>Total Private Construction <sup>1</sup></b>	<b>67,513</b>	<b>65,202</b>	<b>61,741</b>	<b>57,212</b>	<b>49,598</b>	<b>61,221</b>	<b>352,481</b>	<b>319,834</b>	<b>10.2</b>
Residential	48,426	46,848	43,294	39,835	33,321	42,732	247,105	216,507	14.1
Nonresidential	19,087	18,354	18,446	17,377	16,277	18,488	105,376	103,327	2.0
Lodging	971	928	948	922	845	814	5,336	5,172	3.2
Office	2,716	2,678	2,787	2,627	2,438	2,603	15,488	14,425	7.4
Commercial	5,277	4,909	4,786	4,359	4,155	5,173	27,610	27,156	1.7
Health care	2,353	2,324	2,319	2,084	1,898	2,080	12,808	11,804	8.5
Educational	1,201	1,140	1,121	979	899	1,270	6,263	6,447	-2.9
Religious	706	686	660	616	586	740	3,831	4,061	-5.7
Amusement and recreation	731	710	707	641	612	690	4,006	3,703	8.2
Transportation	568	577	553	504	464	592	3,141	3,111	1.0
Communication	1,096	950	1,054	1,034	881	1,084	5,786	5,864	-1.3
Power	2,118	2,120	2,271	2,367	2,308	2,048	13,600	14,205	-4.3
Manufacturing	1,138	1,184	1,105	1,111	1,059	1,294	6,635	6,863	-3.3
<b>Total Public Construction <sup>2</sup></b>	<b>22,248</b>	<b>19,955</b>	<b>18,421</b>	<b>16,415</b>	<b>14,399</b>	<b>21,178</b>	<b>106,084</b>	<b>101,386</b>	<b>4.6</b>
Residential	648	622	571	524	458	607	3,314	3,162	4.8
Nonresidential	21,600	19,333	17,850	15,891	13,941	20,571	102,769	98,225	4.6
Office	1,075	1,042	998	981	869	939	5,803	5,302	9.4
Commercial	445	401	398	298	308	456	2,164	2,044	5.9
Health care	621	566	588	538	498	558	3,310	3,023	9.5
Educational	5,880	5,075	4,866	4,534	4,201	5,824	28,700	28,059	2.3
Public safety	708	681	669	619	592	747	3,894	4,146	-6.1
Amusement and recreation	1,060	1,032	977	890	816	1,097	5,657	6,149	-8.0
Transportation	1,699	1,616	1,607	1,463	1,259	1,692	8,879	8,728	1.7
Power	664	509	502	487	440	448	3,047	2,115	44.1
Highway and street	6,867	5,963	4,814	3,821	2,921	6,260	27,487	25,284	8.7
Sewage and waste disposal	1,316	1,256	1,151	1,051	935	1,173	6,673	6,169	8.2
Water supply	862	812	828	779	719	895	4,739	4,804	-1.4
Conservation and development	311	287	326	297	271	317	1,763	1,718	2.6

<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>1.0</b>	<b>0.8</b>	<b>1.1</b>	<b>1.0</b>	<b>1.4</b>
Residential	4.5	5.2	5.4	4.0	10.1
Nonresidential	1.0	0.8	1.1	1.0	1.4
Lodging	3.9	3.6	4.1	2.9	6.3
Office	3.5	3.5	3.4	2.1	3.6
Commercial	2.9	2.3	2.5	2.4	3.3
Health care	3.0	3.0	4.3	2.4	4.3
Educational	2.3	1.9	2.7	2.1	3.2
Religious	4.5	3.8	4.4	3.0	5.2
Public safety	3.6	3.1	3.7	2.9	4.6
Amusement and recreation	3.8	3.4	4.0	3.1	4.5
Transportation	2.3	0.0	0.0	0.0	0.0
Communication	NA	NA	NA	NA	NA
Power	1.3	0.8	1.1	1.4	1.4
Highway and street	3.6	2.6	4.0	3.4	5.0
Sewage and waste disposal	3.9	2.9	4.1	3.5	5.8
Water supply	4.2	2.8	4.2	5.1	6.8
Conservation and development	4.8	5.0	5.9	3.7	6.2
Manufacturing	3.7	3.6	3.5	2.9	3.0
<b>Total Private Construction</b>	<b>1.4</b>	<b>1.3</b>	<b>1.4</b>	<b>1.1</b>	<b>1.7</b>
Residential	5.0	1.3	1.4	1.1	1.7
Nonresidential	1.6	1.3	1.4	1.1	1.7
Lodging	4.0	3.7	4.2	3.0	6.8
Office	4.6	4.4	4.3	2.6	4.3
Commercial	3.0	2.4	2.5	2.3	3.4
Health care	3.6	3.5	5.0	2.8	5.0
Educational	4.1	3.5	4.1	2.2	5.1
Religious	4.5	3.8	4.4	3.0	5.2
Amusement and recreation	5.9	5.2	6.6	4.7	7.6
Transportation	10.3	9.1	9.9	4.7	12.0
Communication	NA	NA	NA	NA	NA
Power	1.6	1.3	1.4	1.1	1.7
Manufacturing	3.8	3.6	3.5	2.9	3.0
<b>Total Public Construction</b>	<b>1.4</b>	<b>1.0</b>	<b>1.5</b>	<b>1.5</b>	<b>2.1</b>
Residential	4.5	5.2	5.4	4.0	10.1
Nonresidential	1.4	1.1	1.6	1.5	2.1
Office	3.5	3.0	3.8	2.5	4.5
Commercial	9.6	7.0	10.5	15.4	15.4
Health care	3.8	3.3	5.1	2.9	5.6
Educational	2.6	2.2	3.1	2.4	3.7
Public safety	3.6	3.1	3.6	3.0	4.5
Amusement and recreation	5.0	4.4	4.9	4.1	5.5
Transportation	3.0	2.9	3.2	3.8	4.2
Power	5.5	3.7	5.9	7.1	7.9
Highway and street	3.6	2.6	4.0	3.4	5.1
Sewage and waste disposal	3.9	2.9	4.0	3.6	5.9
Water supply	4.2	2.8	4.3	5.1	6.8
Conservation and development	5.0	5.4	6.2	3.9	6.2

NA Not applicable