

U.S. CENSUS BUREAU
For Data - (301) 763-4673
For Questions - Michael Davis, Joe Huesman or Linnet Holland
(301) 763-1605

(EMBARGOED UNTIL 3:00 PM EDT, MONDAY, AUGUST 4, 2003)
CB03-118

Errata

A processing error was discovered that affected the June 2003 New single family estimates. The estimates have been corrected. The error affects data for April, May and June because current month estimates affect estimates for prior months. The following seasonally adjusted and not seasonally adjusted series were affected: Total construction, Total residential, Total private, Private residential, and New single family.

JUNE 2003 CONSTRUCTION AT \$872.5 BILLION ANNUAL RATE

Construction put in place spending during June 2003 was estimated at a seasonally adjusted annual rate of \$872.5 billion, 0.3 (± 1.3) percent above the revised May estimate of \$870.1 billion, according to the U.S. Commerce Department's Census Bureau. The June figure is 2.0 (± 1.8) percent above the June 2002 estimate of \$855.0 billion.

During the first 6 months of this year, construction spending amounted to \$411.0 billion, 1.9 (± 1.6) percent above the \$403.4 billion for the same period in 2002.

PRIVATE CONSTRUCTION

Spending on private construction was at a rate of \$660.3 billion, 0.0 (± 1.3) percent above the revised May estimate of \$660.0 billion. Residential construction was at a seasonally adjusted annual rate of \$443.0 billion in June, 0.1 (± 1.3) percent above the revised May estimate of \$442.7 billion.

PUBLIC CONSTRUCTION

In June, the estimated seasonally adjusted annual rate of public construction spending was \$212.2 billion, 1.0 (± 2.1) percent above the revised May estimate of \$210.1 billion. Educational construction was at a seasonally adjusted annual rate of \$56.8 billion, 2.1 (± 3.7) percent below the revised May estimate of \$58.1 billion. Highway construction was at a seasonally adjusted annual rate of \$58.4 billion, 1.9 (± 5.4) percent above the revised May estimate of \$57.3 billion.

July 2003 data will be released on September 3, 2003 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 (± 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, 0.7 percent; and public construction, 1.6 percent.

This is the first release of construction spending data in a new and improved format. Also, the constant (1996 dollars) series has been discontinued. More detailed data and a discussion of methodologies appear at our website:
<http://www.census.gov/const/www/c30index.html>

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 2003 ^P	May 2003 ^r	Apr 2003 ^r	Mar 2003	Feb 2003	Jun 2002	Percent change Jun 2003 from -	
							May 2003	Jun 2002
Total Construction	872,478	870,057	871,871	875,216	876,494	854,982	0.3	2.0
Residential	448,868	448,237	449,565	452,828	454,752	426,247	0.1	5.3
Lodging	11,432	11,736	11,558	11,035	10,068	11,006	-2.6	3.9
Office	40,255	38,810	39,670	39,306	39,604	44,282	3.7	-9.1
Commercial	61,166	59,659	58,871	59,447	58,578	61,364	2.5	-0.3
Health care	30,966	29,964	29,949	29,694	29,445	28,302	3.3	9.4
Educational	70,172	71,890	70,423	70,238	69,093	69,264	-2.4	1.3
Religious	8,579	8,563	8,270	8,312	8,314	8,094	0.2	6.0
Public safety	8,364	8,395	8,108	8,161	8,242	9,082	-0.4	-7.9
Amusement and recreation	19,523	19,767	18,878	19,018	18,724	18,678	-1.2	4.5
Transportation	24,215	24,092	24,902	24,693	25,704	24,956	0.5	-3.0
Communication	15,498	15,797	15,768	15,478	15,810	19,183	-1.9	-19.2
Power	35,683	35,965	38,531	40,089	37,668	32,876	-0.8	8.5
Highway and street	58,519	57,418	58,116	58,485	60,827	59,418	1.9	-1.5
Sewage and waste disposal	12,555	12,675	12,293	11,435	12,532	11,937	-0.9	5.2
Water supply	9,494	9,614	9,238	9,766	10,079	9,501	-1.2	-0.1
Conservation and development	3,697	3,635	3,695	3,208	3,402	3,524	1.7	4.9
Manufacturing	13,492	13,843	14,035	14,023	13,652	17,267	-2.5	-21.9
Total Private Construction ¹	660,320	660,002	662,769	668,758	665,073	646,875	0.0	2.1
Residential	443,020	442,655	443,880	447,147	448,535	420,080	0.1	5.5
Lodging	10,386	10,663	10,400	10,144	9,254	10,517	-2.6	-1.2
Office	29,922	29,033	29,299	29,664	29,706	34,332	3.1	-12.8
Commercial	56,432	55,240	54,726	55,593	54,779	57,731	2.2	-2.2
Health care	24,867	24,211	24,121	24,162	23,681	23,127	2.7	7.5
Educational	13,358	13,833	13,188	12,798	12,656	12,415	-3.4	7.6
Religious	8,427	8,394	8,209	8,206	8,308	8,091	0.4	4.2
Amusement and recreation	6,877	6,955	6,808	6,940	6,607	7,668	-1.1	-10.3
Transportation	6,808	6,872	7,055	7,121	7,701	6,977	-0.9	-2.4
Communication	15,348	15,631	15,665	15,385	15,637	19,154	-1.8	-19.9
Power	30,391	31,697	34,516	36,686	33,833	28,780	-4.1	5.6
Manufacturing	13,376	13,743	13,892	13,989	13,580	16,966	-2.7	-21.2
Total Public Construction ²	212,159	210,055	209,102	206,457	211,421	208,107	1.0	1.9
Residential	5,848	5,582	5,686	5,681	6,217	6,168	4.8	-5.2
Office	10,333	9,777	10,371	9,642	9,898	9,949	5.7	3.9
Commercial	4,734	4,419	4,146	3,854	3,799	3,633	7.1	30.3
Health care	6,099	5,753	5,828	5,532	5,764	5,175	6.0	17.9
Educational	56,814	58,056	57,235	57,440	56,436	56,849	-2.1	-0.1
Public safety	8,266	8,293	8,017	8,061	8,156	8,831	-0.3	-6.4
Amusement and recreation	12,646	12,812	12,070	12,079	12,117	11,010	-1.3	14.9
Transportation	17,407	17,219	17,847	17,572	18,003	17,979	1.1	-3.2
Power	5,293	4,268	4,015	3,403	3,835	4,097	24.0	29.2
Highway and street	58,394	57,299	57,957	58,389	60,758	59,285	1.9	-1.5
Sewage and waste disposal	12,112	12,386	12,073	11,266	12,336	11,703	-2.2	3.5
Water supply	9,086	9,085	8,728	9,237	9,660	9,109	0.0	-0.3
Conservation and development	3,662	3,598	3,665	3,179	3,378	3,497	1.8	4.7

^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 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 2003 ^P	May 2003 ^r	Apr 2003 ^r	Mar 2003	Feb 2003	Jun 2002	Year-to-date		
							Jun 2003	Jun 2002	Percent change
Total Construction	79,864	75,052	70,568	65,738	58,510	77,799	411,043	403,401	1.9
Residential	41,963	39,492	36,820	34,326	29,390	39,650	213,518	197,318	8.2
Lodging	953	978	963	920	839	917	5,497	5,760	-4.6
Office	3,465	3,354	3,278	3,164	3,016	3,754	19,446	22,723	-14.4
Commercial	5,340	4,960	4,801	4,614	4,378	5,354	28,500	30,663	-7.1
Health care	2,644	2,529	2,518	2,446	2,334	2,388	14,721	12,960	13.6
Educational	6,384	5,974	5,493	5,142	4,837	6,344	32,935	32,760	0.5
Religious	727	707	668	646	624	683	4,009	4,044	-0.9
Public safety	710	705	652	641	613	761	3,948	4,288	-7.9
Amusement and recreation	1,734	1,714	1,601	1,500	1,411	1,614	9,348	9,215	1.4
Transportation	2,153	2,066	2,015	1,793	1,726	2,227	11,431	11,424	0.1
Communication	1,329	1,307	1,288	1,183	1,069	1,562	7,245	8,862	-18.2
Power	3,120	2,919	3,208	3,278	2,541	2,977	17,575	18,021	-2.5
Highway and street	5,903	5,002	4,087	3,135	2,908	5,887	24,239	24,649	-1.7
Sewage and waste disposal	1,132	1,084	995	864	838	1,065	5,766	5,698	1.2
Water supply	819	808	753	732	731	816	4,534	4,298	5.5
Conservation and development	299	290	290	236	251	279	1,665	1,661	0.2
Manufacturing	1,193	1,164	1,138	1,120	1,004	1,525	6,666	9,058	-26.4
Total Private Construction ¹	60,370	57,294	54,404	51,578	44,875	58,813	315,585	309,228	2.1
Residential	41,453	39,025	36,360	33,883	28,932	39,117	210,721	194,344	8.4
Lodging	866	889	867	845	771	876	5,007	5,583	-10.3
Office	2,557	2,497	2,404	2,428	2,287	2,892	14,542	18,038	-19.4
Commercial	4,932	4,592	4,455	4,329	4,088	5,050	26,512	28,834	-8.1
Health care	2,115	2,052	2,039	1,996	1,879	1,942	11,902	10,434	14.1
Educational	1,217	1,214	1,079	990	917	1,147	6,358	6,507	-2.3
Religious	714	693	663	637	624	683	3,968	4,042	-1.8
Amusement and recreation	592	602	580	566	519	658	3,333	3,774	-11.7
Transportation	623	624	584	499	472	634	3,288	3,234	1.7
Communication	1,316	1,294	1,279	1,176	1,054	1,560	7,186	8,799	-18.3
Power	2,713	2,576	2,891	3,044	2,279	2,671	15,708	16,255	-3.4
Manufacturing	1,183	1,156	1,126	1,117	998	1,499	6,618	8,927	-25.9
Total Public Construction ²	19,494	17,758	16,163	14,160	13,635	18,986	95,457	94,173	1.4
Residential	510	467	461	443	459	533	2,797	2,974	-5.9
Office	908	857	874	736	730	862	4,904	4,685	4.7
Commercial	408	368	346	285	290	304	1,988	1,828	8.7
Health care	529	477	480	450	455	446	2,819	2,525	11.6
Educational	5,167	4,760	4,414	4,152	3,920	5,197	26,577	26,253	1.2
Public safety	702	697	644	633	606	740	3,901	4,200	-7.1
Amusement and recreation	1,142	1,112	1,021	934	892	956	6,015	5,442	10.5
Transportation	1,530	1,442	1,431	1,294	1,254	1,593	8,144	8,190	-0.6
Power	406	343	317	235	262	305	1,866	1,766	5.7
Highway and street	5,893	4,994	4,075	3,129	2,903	5,876	24,192	24,596	-1.6
Sewage and waste disposal	1,094	1,064	980	851	825	1,045	5,652	5,555	1.7
Water supply	787	768	712	695	702	784	4,315	4,133	4.4
Conservation and development	296	286	287	233	249	276	1,650	1,655	-0.3

^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	0.8	1.0	0.8	1.1
Residential	3.9	2.6	4.4	2.2	4.5
Lodging	3.9	3.8	4.3	2.4	5.5
Office	2.7	2.3	2.4	1.8	2.8
Commercial	2.7	2.0	2.7	1.8	2.8
Health care	3.2	3.2	4.1	1.6	4.3
Educational	2.2	1.9	2.7	1.9	2.7
Religious	4.4	3.6	5.0	3.1	6.1
Public safety	3.4	2.6	3.2	2.7	3.8
Amusement and recreation	3.5	3.0	3.5	3.6	5.0
Transportation	2.5	2.3	3.0	1.8	2.8
Communication	NA	NA	NA	NA	NA
Power	1.8	1.1	1.0	0.8	1.1
Highway and street	3.9	3.2	3.7	3.4	3.9
Sewage and waste disposal	4.7	3.0	4.0	4.0	4.9
Water supply	4.5	3.5	5.2	4.5	6.0
Conservation and development	4.4	3.4	4.9	2.1	6.4
Manufacturing	3.7	3.5	3.1	2.9	3.7
Total Private Construction	1.2	1.0	1.3	0.8	1.4
Residential	5.0	1.1	1.3	0.8	1.4
Lodging	4.0	3.9	4.4	2.5	5.5
Office	3.4	2.8	2.8	2.2	3.4
Commercial	2.8	2.0	2.9	1.8	2.8
Health care	3.8	3.8	4.8	1.8	5.0
Educational	4.0	3.3	4.5	2.3	5.4
Religious	4.5	3.6	4.9	3.0	5.9
Amusement and recreation	5.2	4.4	4.8	2.8	5.9
Transportation	7.2	8.3	9.6	5.6	8.0
Communication	NA	NA	NA	NA	NA
Power	1.5	1.0	1.3	0.8	1.4
Manufacturing	3.6	3.5	3.1	2.8	3.7
Total Public Construction	1.5	1.2	1.5	1.3	1.7
Residential	3.9	2.6	4.4	2.2	4.5
Office	3.8	3.2	3.3	2.5	3.0
Commercial	12.4	8.6	11.2	9.1	14.5
Health care	4.2	3.7	5.2	3.7	5.9
Educational	2.6	2.2	3.2	2.3	3.1
Public safety	3.3	2.6	3.2	2.7	3.7
Amusement and recreation	4.6	4.1	5.0	5.8	7.6
Transportation	2.7	2.3	3.1	1.9	3.0
Power	18.1	7.4	11.4	5.1	15.1
Highway and street	3.9	3.2	3.8	3.4	3.9
Sewage and waste disposal	4.7	3.1	4.1	4.0	5.0
Water supply	4.6	3.6	5.3	4.7	6.0
Conservation and development	4.4	3.4	4.8	2.2	6.3

NA Not applicable