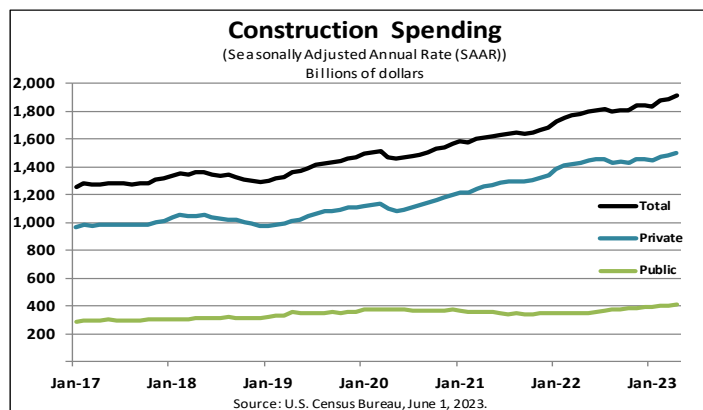


FOR RELEASE AT 10:00 AM EDT, THURSDAY, JUNE 1, 2023

MONTHLY CONSTRUCTION SPENDING, APRIL 2023

Release Number: CB23-85

June 1, 2023 — The U.S. Census Bureau announced the following value put in place construction statistics for April 2023:



Total Construction

Construction spending during April 2023 was estimated at a seasonally adjusted annual rate of \$1,908.4 billion, 1.2 percent (± 0.7 percent) above the revised March estimate of \$1,885.0 billion. The April figure is 7.2 percent (± 1.2 percent) above the April 2022 estimate of \$1,780.9 billion. During the first four months of this year, construction spending amounted to \$566.7 billion, 6.1 percent (± 1.0 percent) above the \$533.9 billion for the same period in 2022.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$1,500.7 billion, 1.3 percent (± 0.3 percent) above the revised March estimate of \$1,481.6 billion. Residential construction was at a seasonally adjusted annual rate of \$845.4 billion in April, 0.5 percent (± 1.3 percent)* above the revised March estimate of \$841.6 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$655.3 billion in April, 2.4 percent (± 0.3 percent) above the revised March estimate of \$640.0 billion.

Public Construction

In April, the estimated seasonally adjusted annual rate of public construction spending was \$407.7 billion, 1.1 percent (± 1.2 percent)* above the revised March estimate of \$403.4 billion. Educational construction was at a seasonally adjusted annual rate of \$88.3 billion, 0.1 percent (± 1.8 percent)* below the revised March estimate of \$88.4 billion. Highway construction was at a seasonally adjusted annual rate of \$124.7 billion, 1.3 percent (± 3.5 percent)* above the revised March estimate of \$123.1 billion.

Data Inquiries

Economic Indicator Division, Construction Expenditures Branch
301-763-1605
eid.ceb.customer.service@census.gov

Media Inquiries

Public Information Office
301-763-3030
pio@census.gov



U.S. Department of Commerce
U.S. CENSUS BUREAU
[census.gov](https://www.census.gov)

Notice

With the May 2023 press release, unadjusted data will be revised back to January 2021 and seasonally adjusted data will be revised back to January 2016.

The May 2023 Monthly Construction Spending Report is scheduled for release on July 3, 2023. View the full schedule in the Economic Briefing Room: www.census.gov/economic-indicators/. The full text and tables for this release can be found at 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 percent (± 3.1 percent) above" appears in the text, this indicates the range (-0.8 to +5.4 percent) in which the actual percentage 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, 0.86 percent; private construction, 0.94 percent; and public construction, 1.18 percent.

Explanations of confidence intervals and sampling variability can be found on our website at www.census.gov/construction/c30/meth.html/.

RESOURCES

API

The Census Bureau's application programming interface lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before. www.census.gov/developers/

FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App <https://fred.stlouisfed.org/fred-mobile/> for both Apple and Android devices. FRED, the signature database of the Federal Reserve Bank of St. Louis, now incorporates the Census Bureau's 13 economic indicators.

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* The 90 percent confidence interval includes zero. There is insufficient evidence to conclude that the actual change is different from zero.

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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	Apr 2023 ^p	Mar 2023 ^r	Feb 2023 ^r	Jan 2023	Dec 2022	Apr 2022	Percent change Apr 2023 from -	
							Mar 2023	Apr 2022
Total Construction	1,908,378	1,884,985	1,878,814	1,835,483	1,838,507	1,780,890	1.2	7.2
Residential	855,206	851,460	851,533	851,235	868,435	940,598	0.4	-9.1
Nonresidential	1,053,171	1,033,526	1,027,281	984,247	970,071	840,292	1.9	25.3
Lodging	23,624	23,015	22,955	22,481	22,043	16,781	2.6	40.8
Office	97,183	96,431	96,710	96,792	95,946	85,214	0.8	14.0
Commercial	128,990	128,052	129,224	127,946	131,767	104,262	0.7	23.7
Health care	58,231	57,677	57,303	56,665	56,002	51,063	1.0	14.0
Educational	110,168	110,307	108,957	107,527	105,286	97,600	-0.1	12.9
Religious	3,159	3,129	3,213	3,087	2,897	2,679	1.0	17.9
Public safety	11,627	11,536	11,497	11,092	11,219	10,705	0.8	8.6
Amusement and recreation	29,701	29,215	29,778	29,103	29,224	26,488	1.7	12.1
Transportation	62,073	61,371	62,236	62,163	60,718	54,598	1.1	13.7
Communication	24,915	24,894	25,026	24,998	24,996	23,561	0.1	5.7
Power	114,012	115,183	115,334	112,288	111,122	111,473	-1.0	2.3
Highway and street	125,438	123,940	124,438	121,642	120,095	103,301	1.2	21.4
Sewage and waste disposal	37,566	38,297	38,399	35,234	35,141	30,619	-1.9	22.7
Water supply	25,396	25,082	24,843	23,983	24,184	20,055	1.3	26.6
Conservation and development	11,807	11,143	9,891	10,410	9,467	9,011	6.0	31.0
Manufacturing	189,282	174,255	167,477	138,836	129,965	92,881	8.6	103.8
Total Private Construction¹	1,500,713	1,481,623	1,475,480	1,441,095	1,450,074	1,431,070	1.3	4.9
Residential ²	845,441	841,595	841,737	841,566	858,804	931,545	0.5	-9.2
New single family	362,398	365,138	369,053	375,339	380,874	481,022	-0.8	-24.7
New multifamily	125,571	124,827	124,640	122,233	120,799	100,519	0.6	24.9
Nonresidential	655,273	640,028	633,743	599,529	591,270	499,524	2.4	31.2
Lodging	23,261	22,652	22,568	22,246	21,709	16,427	2.7	41.6
Office	83,993	83,780	83,487	83,705	83,039	73,302	0.3	14.6
Commercial	124,567	123,682	124,895	123,613	127,606	100,932	0.7	23.4
Health care	46,082	45,934	45,481	44,742	44,460	40,527	0.3	13.7
Educational	21,821	21,875	21,253	21,252	20,572	18,292	-0.2	19.3
Religious	3,159	3,129	3,213	3,087	2,897	2,679	1.0	17.9
Amusement and recreation	15,119	14,879	15,113	14,885	14,679	13,443	1.6	12.5
Transportation	19,221	19,339	19,465	19,341	19,070	14,451	-0.6	33.0
Communication	24,662	24,646	24,776	24,814	24,853	23,463	0.1	5.1
Power	101,720	103,175	103,472	100,642	99,550	101,602	-1.4	0.1
Manufacturing	188,957	173,844	167,119	138,441	129,512	92,353	8.7	104.6
Total Public Construction³	407,664	403,363	403,334	394,388	388,432	349,821	1.1	16.5
Residential	9,766	9,865	9,796	9,670	9,631	9,053	-1.0	7.9
Nonresidential	397,899	393,498	393,538	384,718	378,801	340,768	1.1	16.8
Office	13,190	12,651	13,223	13,087	12,907	11,912	4.3	10.7
Commercial	4,423	4,370	4,329	4,333	4,161	3,331	1.2	32.8
Health care	12,150	11,743	11,822	11,923	11,542	10,535	3.5	15.3
Educational	88,347	88,432	87,703	86,275	84,714	79,308	-0.1	11.4
Public safety	11,409	11,320	11,288	10,876	10,991	10,647	0.8	7.2
Amusement and recreation	14,582	14,336	14,666	14,219	14,544	13,046	1.7	11.8
Transportation	42,852	42,032	42,771	42,822	41,648	40,147	2.0	6.7
Power	12,292	12,007	11,862	11,646	11,572	9,871	2.4	24.5
Highway and street	124,748	123,138	123,609	120,704	118,903	102,561	1.3	21.6
Sewage and waste disposal	36,505	37,116	37,291	34,466	34,099	30,030	-1.6	21.6
Water supply	24,694	24,230	24,140	23,195	23,415	19,452	1.9	26.9
Conservation and development	11,765	11,101	9,839	10,360	9,374	8,947	6.0	31.5

^p Preliminary ^r Revised

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 private residential improvements.

³Includes the following categories of public construction not shown separately:
lodging, religious, communication, and manufacturing.

Data are at an annual rate, adjusted for seasonality but not price changes. Source: U.S. Census Bureau, Construction Spending, June 1, 2023.
Table 3 provides estimated measures of sampling variability. Additional information on the survey methodology may be found at
<www.census.gov/construction/c30/meth.html>

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	Apr 2023 ^p	Mar 2023 ^r	Feb 2023 ^r	Jan 2023	Dec 2022	Apr 2022	Year-to-date		
							Apr 2023	Apr 2022	Percent change
Total Construction	156,187	148,353	132,069	130,058	137,150	147,248	566,666	533,943	6.1
Residential	71,957	68,467	57,887	59,211	61,824	79,518	257,523	281,263	-8.4
Nonresidential	84,230	79,886	74,182	70,847	75,326	67,730	309,144	252,680	22.3
Lodging	1,989	1,933	1,815	1,762	1,824	1,435	7,498	5,331	40.6
Office	8,005	7,803	7,434	7,410	7,675	7,026	30,652	26,741	14.6
Commercial	10,520	10,231	9,785	9,702	10,462	8,659	40,237	32,711	23.0
Health care	4,781	4,673	4,411	4,375	4,605	4,207	18,240	16,047	13.7
Educational	8,779	8,274	7,643	7,531	7,624	7,762	32,226	28,722	12.2
Religious	259	251	241	236	233	224	987	879	12.3
Public safety	951	917	861	835	879	879	3,564	3,296	8.1
Amusement and recreation	2,441	2,310	2,215	2,170	2,284	2,180	9,136	8,047	13.5
Transportation	4,947	4,629	4,398	4,454	4,819	4,382	18,428	16,341	12.8
Communication	1,982	2,065	1,859	1,816	2,333	1,916	7,722	7,398	4.4
Power	9,437	9,331	9,108	9,000	9,016	9,195	36,876	37,117	-0.6
Highway and street	8,917	7,309	6,290	5,912	7,069	7,591	28,428	23,756	19.7
Sewage and waste disposal	3,011	2,873	2,618	2,432	2,697	2,455	10,934	8,638	26.6
Water supply	2,035	1,887	1,742	1,673	1,814	1,644	7,338	5,860	25.2
Conservation and development	884	912	757	757	779	664	3,309	2,649	24.9
Manufacturing	15,293	14,488	13,006	10,782	11,213	7,512	53,569	29,148	83.8
Total Private Construction¹	124,769	119,791	106,016	104,918	109,817	119,958	455,494	437,539	4.1
Residential ²	71,153	67,710	57,177	58,526	61,070	78,771	254,566	278,578	-8.6
New single family	30,079	29,353	25,200	26,476	28,337	39,977	111,108	143,445	-22.5
New multifamily	10,614	10,394	10,021	9,832	9,508	8,561	40,860	32,597	25.3
Nonresidential	53,616	52,081	48,839	46,391	48,747	41,187	200,928	158,961	26.4
Lodging	1,958	1,903	1,782	1,742	1,797	1,406	7,386	5,218	41.5
Office	6,939	6,791	6,446	6,440	6,647	6,054	26,616	23,046	15.5
Commercial	10,166	9,881	9,458	9,380	10,120	8,392	38,886	31,668	22.8
Health care	3,795	3,709	3,502	3,467	3,666	3,352	14,472	12,762	13.4
Educational	1,828	1,773	1,606	1,595	1,580	1,537	6,802	5,704	19.2
Religious	259	251	241	236	233	224	987	879	12.3
Amusement and recreation	1,247	1,212	1,184	1,167	1,183	1,115	4,810	4,159	15.7
Transportation	1,549	1,411	1,398	1,502	1,634	1,183	5,860	4,417	32.7
Communication	1,961	2,044	1,838	1,801	2,321	1,908	7,644	7,364	3.8
Power	8,434	8,425	8,201	8,115	8,136	8,387	33,175	34,126	-2.8
Manufacturing	15,266	14,454	12,976	10,749	11,176	7,468	53,445	29,005	84.3
Total Public Construction³	31,418	28,562	26,053	25,140	27,333	27,290	111,173	96,404	15.3
Residential	804	757	711	685	754	747	2,957	2,685	10.1
Nonresidential	30,613	27,805	25,342	24,455	26,579	26,543	108,216	93,719	15.5
Office	1,065	1,012	989	970	1,028	972	4,036	3,695	9.2
Commercial	354	350	326	322	342	267	1,352	1,043	29.6
Health care	987	965	909	908	939	855	3,768	3,284	14.7
Educational	6,951	6,501	6,037	5,936	6,044	6,225	25,425	23,018	10.5
Public safety	933	900	845	819	862	874	3,497	3,269	7.0
Amusement and recreation	1,194	1,098	1,031	1,003	1,101	1,065	4,327	3,888	11.3
Transportation	3,398	3,217	3,000	2,952	3,185	3,199	12,567	11,924	5.4
Power	1,003	906	907	885	880	808	3,701	2,992	23.7
Highway and street	8,863	7,248	6,232	5,842	6,986	7,535	28,185	23,515	19.9
Sewage and waste disposal	2,928	2,787	2,538	2,380	2,611	2,409	10,633	8,489	25.3
Water supply	1,979	1,828	1,694	1,617	1,754	1,594	7,118	5,681	25.3
Conservation and development	880	909	752	753	771	659	3,294	2,630	25.2

^p Preliminary ^r Revised

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 private residential improvements.

³Includes the following categories of public construction not shown separately:
lodging, religious, communication, and manufacturing.

Source: U.S. Census Bureau, Construction Spending, June 1, 2023.

Table 3 provides estimated measures of sampling variability. Additional information on the survey methodology may be found at
<www.census.gov/construction/c30/meth.html>

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	0.6	0.4	0.6	0.4	0.7
Residential	5.2	3.8	4.7	1.8	4.7
Nonresidential	0.6	0.4	0.6	0.4	0.7
Lodging	1.6	1.3	2.6	0.6	3.0
Office	1.6	1.3	1.9	0.7	1.8
Commercial	1.1	0.8	1.3	0.5	1.2
Health care	1.2	1.0	1.5	0.5	1.6
Educational	1.6	1.3	2.0	0.9	2.3
Religious	6.2	4.6	7.0	3.8	9.8
Public safety	2.3	2.6	2.5	1.9	2.8
Amusement and recreation	2.3	1.9	2.4	0.9	2.4
Transportation	1.3	1.2	1.5	1.0	1.7
Communication	NA	NA	NA	NA	NA
Power	0.3	0.3	0.3	0.2	0.4
Highway and street	2.5	1.4	2.7	2.1	3.3
Sewage and waste disposal	2.4	1.7	3.2	1.5	3.7
Water supply	3.0	2.4	3.7	2.4	4.2
Conservation and development	2.1	1.5	2.7	1.4	3.5
Manufacturing	0.8	0.8	1.4	0.3	1.1
Total Private Construction	0.5	0.4	0.7	0.2	0.7
Residential	5.0	1.1	1.3	0.8	1.4
New single family	7.9	7.7	1.8	0.7	1.7
New multifamily	7.4	7.8	3.6	0.9	3.4
Nonresidential	0.5	0.4	0.7	0.2	0.7
Lodging	1.6	1.3	2.6	0.6	3.0
Office	1.8	1.5	2.1	0.7	2.1
Commercial	1.1	0.8	1.3	0.5	1.2
Health care	1.5	1.1	1.8	0.5	1.8
Educational	2.3	1.8	2.8	1.3	2.8
Religious	6.2	4.6	7.0	3.8	9.8
Amusement and recreation	3.0	2.2	2.9	1.1	2.6
Transportation	2.1	1.7	2.1	0.4	2.6
Communication	NA	NA	NA	NA	NA
Power	0.2	0.2	0.2	0.1	0.2
Manufacturing	0.8	0.8	1.4	0.3	1.1
Total Public Construction	1.0	0.7	1.1	0.7	1.4
Residential	5.2	3.8	4.7	1.8	4.7
Nonresidential	1.0	0.7	1.1	0.7	1.4
Office	2.6	2.2	2.8	2.0	3.2
Commercial	7.2	7.3	8.9	4.4	10.2
Health care	1.7	1.3	1.7	1.1	2.3
Educational	1.9	1.6	2.3	1.1	2.7
Public safety	2.3	2.6	2.5	2.0	2.8
Amusement and recreation	3.5	3.2	4.1	1.3	4.4
Transportation	1.5	1.4	1.7	1.2	1.9
Power	4.1	3.6	6.6	2.2	9.4
Highway and street	2.6	1.4	2.7	2.1	3.4
Sewage and waste disposal	2.4	1.7	3.3	1.6	3.6
Water supply	3.0	2.5	3.8	2.5	4.3
Conservation and development	2.1	1.5	2.7	1.4	3.6

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, June 1, 2023. Additional information on the survey methodology may be found at www.census.gov/construction/c30/meth.html