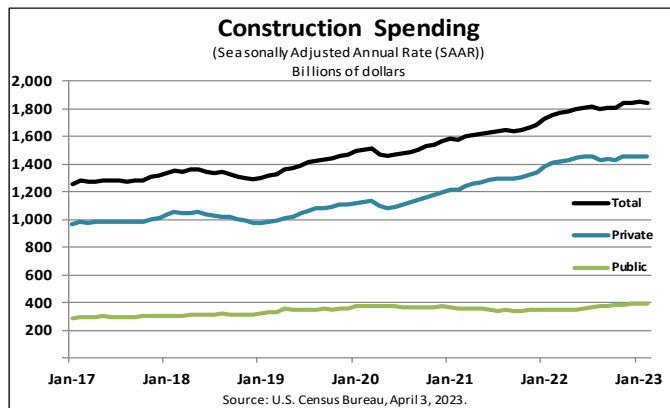


FOR RELEASE AT 10:00 AM EDT, MONDAY, APRIL 3, 2023

MONTHLY CONSTRUCTION SPENDING, FEBRUARY 2023

Release Number: CB23-49

April 3, 2023 — The U.S. Census Bureau announced the following value put in place construction statistics for February 2023:



Total Construction

Construction spending during February 2023 was estimated at a seasonally adjusted annual rate of \$1,844.1 billion, 0.1 percent (± 0.7 percent)* below the revised January estimate of \$1,845.4 billion. The February figure is 5.2 percent (± 1.2 percent) above the February 2022 estimate of \$1,753.1 billion. During the first two months of this year, construction spending amounted to \$260.8 billion, 5.9 percent (± 1.2 percent) above the \$246.1 billion for the same period in 2022.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$1,453.2 billion, virtually unchanged from (± 0.5 percent)* the revised January estimate of \$1,453.6 billion. Residential construction was at a seasonally adjusted annual rate of \$852.1 billion in February, 0.6 percent (± 1.3 percent)* below the revised January estimate of \$857.0 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$601.0 billion in February, 0.7 percent (± 0.5 percent) above the revised January estimate of \$596.7 billion.

Public Construction

In February, the estimated seasonally adjusted annual rate of public construction spending was \$391.0 billion, 0.2 percent (± 1.3 percent)* below the revised January estimate of \$391.8 billion. Educational construction was at a seasonally adjusted annual rate of \$84.6 billion, 0.9 percent (± 2.0 percent)* below the revised January estimate of \$85.4 billion. Highway construction was at a seasonally adjusted annual rate of \$120.6 billion, 0.3 percent (± 4.1 percent)* above the revised January estimate of \$120.3 billion.

Data Inquiries

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

Notice

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

The March 2023 Monthly Construction Spending Report is scheduled for release on May 1, 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.

Data Inquiries

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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	Feb 2023 ^p	Jan 2023 ^r	Dec 2022 ^r	Nov 2022	Oct 2022	Feb 2022	Percent change Feb 2023 from -	
							Jan 2023	Feb 2022
Total Construction	1,844,105	1,845,407	1,838,507	1,840,294	1,808,343	1,753,123	-0.1	5.2
Residential	861,940	866,756	868,435	869,322	874,105	912,047	-0.6	-5.5
Nonresidential	982,165	978,650	970,071	970,972	934,238	841,077	0.4	16.8
Lodging	22,272	22,240	22,043	21,774	21,845	16,582	0.1	34.3
Office	96,709	96,401	95,946	95,292	89,874	84,608	0.3	14.3
Commercial	126,870	127,739	131,767	129,822	125,866	104,434	-0.7	21.5
Health care	56,753	56,863	56,002	55,869	55,157	50,611	-0.2	12.1
Educational	105,361	106,324	105,286	105,978	103,429	98,546	-0.9	6.9
Religious	3,044	3,081	2,897	2,837	2,707	2,869	-1.2	6.1
Public safety	11,575	11,301	11,219	11,701	11,739	10,291	2.4	12.5
Amusement and recreation	28,883	29,001	29,224	28,991	28,648	26,249	-0.4	10.0
Transportation	61,839	62,107	60,718	59,925	59,559	54,895	-0.4	12.6
Communication	25,001	25,018	24,996	24,818	24,966	23,826	-0.1	4.9
Power	113,273	111,874	111,122	109,443	106,127	117,391	1.3	-3.5
Highway and street	121,638	121,336	120,095	117,272	117,811	102,413	0.2	18.8
Sewage and waste disposal	35,220	34,874	35,141	34,099	33,214	29,085	1.0	21.1
Water supply	22,791	23,073	24,184	24,109	25,288	19,444	-1.2	17.2
Conservation and development	10,270	10,373	9,467	11,127	9,735	8,170	-1.0	25.7
Manufacturing	140,667	137,044	129,965	137,916	118,274	91,664	2.6	53.5
Total Private Construction¹	1,453,153	1,453,610	1,450,074	1,453,879	1,426,310	1,406,616	0.0	3.3
Residential ²	852,130	856,954	858,804	859,860	864,902	903,400	-0.6	-5.7
New single family	368,359	375,010	380,874	392,451	406,197	468,619	-1.8	-21.4
New multifamily	122,793	121,050	120,799	117,785	112,249	100,480	1.4	22.2
Nonresidential	601,023	596,656	591,270	594,018	561,408	503,217	0.7	19.4
Lodging	21,936	21,899	21,709	21,407	21,401	16,248	0.2	35.0
Office	83,697	83,313	83,039	82,078	77,601	72,531	0.5	15.4
Commercial	122,781	123,573	127,606	125,634	121,701	101,073	-0.6	21.5
Health care	44,806	44,943	44,460	44,239	43,507	40,211	-0.3	11.4
Educational	20,743	20,964	20,572	20,771	19,767	18,088	-1.1	14.7
Religious	3,044	3,081	2,897	2,837	2,707	2,869	-1.2	6.1
Amusement and recreation	14,654	14,716	14,679	14,703	14,660	13,019	-0.4	12.6
Transportation	19,439	19,393	19,070	18,658	18,291	14,454	0.2	34.5
Communication	24,864	24,882	24,853	24,686	24,817	23,743	-0.1	4.7
Power	101,643	100,183	99,550	98,490	96,373	107,645	1.5	-5.6
Manufacturing	140,316	136,658	129,512	137,452	117,692	91,256	2.7	53.8
Total Public Construction³	390,953	391,797	388,432	386,415	382,033	346,507	-0.2	12.8
Residential	9,810	9,803	9,631	9,462	9,204	8,647	0.1	13.4
Nonresidential	381,143	381,994	378,801	376,954	372,830	337,860	-0.2	12.8
Office	13,012	13,088	12,907	13,214	12,273	12,078	-0.6	7.7
Commercial	4,089	4,166	4,161	4,188	4,165	3,361	-1.8	21.7
Health care	11,947	11,920	11,542	11,630	11,650	10,399	0.2	14.9
Educational	84,619	85,361	84,714	85,207	83,663	80,458	-0.9	5.2
Public safety	11,358	11,075	10,991	11,468	11,487	10,207	2.6	11.3
Amusement and recreation	14,229	14,284	14,544	14,289	13,988	13,230	-0.4	7.6
Transportation	42,401	42,715	41,648	41,267	41,268	40,441	-0.7	4.8
Power	11,630	11,692	11,572	10,953	9,754	9,746	-0.5	19.3
Highway and street	120,619	120,253	118,903	116,250	116,865	101,532	0.3	18.8
Sewage and waste disposal	34,180	34,009	34,099	33,158	32,449	28,596	0.5	19.5
Water supply	22,014	22,249	23,415	23,366	24,496	18,862	-1.1	16.7
Conservation and development	10,223	10,320	9,374	11,001	9,598	8,126	-0.9	25.8

^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, April 3, 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	Feb 2023 ^p	Jan 2023 ^r	Dec 2022 ^r	Nov 2022	Oct 2022	Feb 2022	Year-to-date		
							Feb 2023	Feb 2022	Percent change
Total Construction	130,004	130,767	137,150	152,238	158,075	123,700	260,771	246,135	5.9
Residential	59,161	60,323	61,824	70,707	74,738	63,208	119,484	125,871	-5.1
Nonresidential	70,843	70,444	75,326	81,531	83,336	60,492	141,286	120,264	17.5
Lodging	1,764	1,740	1,824	1,854	1,846	1,312	3,504	2,524	38.8
Office	7,435	7,377	7,675	7,961	7,847	6,479	14,812	12,894	14.9
Commercial	9,543	9,664	10,462	11,074	11,180	7,912	19,207	15,636	22.8
Health care	4,377	4,396	4,605	4,777	4,785	3,900	8,773	7,692	14.1
Educational	7,387	7,460	7,624	8,240	8,530	6,855	14,847	13,669	8.6
Religious	228	236	233	239	237	214	464	424	9.4
Public safety	868	852	879	993	1,007	772	1,720	1,542	11.5
Amusement and recreation	2,138	2,159	2,284	2,446	2,520	1,925	4,297	3,816	12.6
Transportation	4,362	4,445	4,819	5,113	5,371	3,867	8,808	7,854	12.1
Communication	1,854	1,815	2,333	2,268	2,135	1,774	3,669	3,506	4.6
Power	8,978	8,957	9,016	9,155	9,063	9,209	17,935	18,563	-3.4
Highway and street	6,161	5,911	7,069	9,656	12,023	5,186	12,072	10,117	19.3
Sewage and waste disposal	2,391	2,415	2,697	2,911	3,110	1,974	4,806	3,942	21.9
Water supply	1,587	1,614	1,814	2,013	2,252	1,383	3,201	2,717	17.8
Conservation and development	796	764	779	949	819	631	1,560	1,242	25.6
Manufacturing	10,974	10,639	11,213	11,882	10,611	7,101	21,613	14,128	53.0
Total Private Construction¹	104,765	105,749	109,817	120,462	123,089	101,277	210,514	201,774	4.3
Residential ²	58,449	59,626	61,070	69,911	73,931	62,582	118,075	124,618	-5.3
New single family	25,127	26,487	28,337	33,914	36,323	32,325	51,614	65,129	-20.8
New multifamily	9,722	9,646	9,508	9,901	9,605	7,923	19,369	15,769	22.8
Nonresidential	46,316	46,124	48,747	50,551	49,158	38,695	92,439	77,156	19.8
Lodging	1,736	1,711	1,797	1,824	1,809	1,284	3,447	2,469	39.6
Office	6,468	6,409	6,647	6,851	6,802	5,582	12,876	11,128	15.7
Commercial	9,235	9,355	10,120	10,708	10,821	7,659	18,590	15,142	22.8
Health care	3,452	3,489	3,666	3,797	3,801	3,102	6,941	6,141	13.0
Educational	1,570	1,573	1,580	1,671	1,630	1,368	3,143	2,706	16.1
Religious	228	236	233	239	237	214	464	424	9.4
Amusement and recreation	1,142	1,150	1,183	1,229	1,255	1,002	2,292	1,993	15.0
Transportation	1,390	1,503	1,634	1,647	1,659	1,032	2,893	2,183	32.5
Communication	1,843	1,804	2,321	2,257	2,122	1,767	3,647	3,488	4.6
Power	8,087	8,066	8,136	8,228	8,203	8,471	16,152	17,120	-5.7
Manufacturing	10,945	10,607	11,176	11,843	10,563	7,067	21,552	14,061	53.3
Total Public Construction³	25,239	25,017	27,333	31,775	34,985	22,424	50,257	44,361	13.3
Residential	712	697	754	796	807	627	1,409	1,252	12.5
Nonresidential	24,527	24,320	26,579	30,980	34,178	21,797	48,847	43,108	13.3
Office	967	969	1,028	1,109	1,045	897	1,936	1,766	9.6
Commercial	308	309	342	366	360	253	617	493	25.2
Health care	925	907	939	979	985	798	1,832	1,551	18.1
Educational	5,817	5,886	6,044	6,570	6,900	5,487	11,703	10,963	6.7
Public safety	851	835	862	974	986	765	1,687	1,528	10.4
Amusement and recreation	996	1,009	1,101	1,217	1,265	923	2,005	1,822	10.0
Transportation	2,972	2,943	3,185	3,466	3,712	2,836	5,915	5,671	4.3
Power	891	891	880	927	861	737	1,783	1,444	23.5
Highway and street	6,089	5,830	6,986	9,572	11,939	5,124	11,919	9,995	19.2
Sewage and waste disposal	2,316	2,356	2,611	2,832	3,044	1,940	4,672	3,874	20.6
Water supply	1,533	1,554	1,754	1,948	2,175	1,341	3,087	2,627	17.5
Conservation and development	792	760	771	939	808	627	1,552	1,235	25.7

^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, April 3, 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	0.5	0.7	0.4	0.7
Residential	5.8	4.8	5.3	1.9	5.3
Nonresidential	0.6	0.5	0.7	0.4	0.7
Lodging	1.6	1.5	2.8	0.6	2.7
Office	1.7	1.4	2.4	0.9	2.6
Commercial	1.2	0.9	1.4	0.8	1.4
Health care	1.2	1.2	1.6	0.6	1.6
Educational	1.7	1.5	2.0	1.0	2.0
Religious	6.2	5.8	7.5	2.8	7.4
Public safety	2.2	2.0	2.5	1.4	2.7
Amusement and recreation	2.4	2.3	2.9	1.2	2.8
Transportation	1.3	1.3	1.7	0.9	1.9
Communication	NA	NA	NA	NA	NA
Power	0.3	0.4	0.4	0.2	0.4
Highway and street	2.7	2.0	3.1	2.4	3.6
Sewage and waste disposal	2.6	2.1	3.5	2.1	3.7
Water supply	3.1	2.7	4.2	2.5	4.2
Conservation and development	2.3	1.7	2.8	1.3	3.0
Manufacturing	0.8	1.0	1.7	0.3	1.6
Total Private Construction	0.5	0.5	0.8	0.3	0.9
Residential	5.0	1.1	1.3	0.8	1.4
New single family	8.0	7.8	2.2	0.9	2.2
New multifamily	7.2	7.8	3.8	1.1	3.7
Nonresidential	0.5	0.5	0.8	0.3	0.9
Lodging	1.6	1.5	2.8	0.6	2.8
Office	1.9	1.6	2.8	1.0	2.9
Commercial	1.2	0.9	1.4	0.7	1.5
Health care	1.5	1.4	2.0	0.6	2.0
Educational	2.3	1.9	2.8	1.1	3.0
Religious	6.2	5.8	7.5	2.8	7.4
Amusement and recreation	3.2	2.7	3.5	1.2	3.6
Transportation	2.3	1.8	2.5	0.4	2.4
Communication	NA	NA	NA	NA	NA
Power	0.1	0.2	0.2	0.1	0.2
Manufacturing	0.8	1.0	1.7	0.3	1.7
Total Public Construction	1.1	0.8	1.1	0.8	1.2
Residential	5.8	4.8	5.3	1.9	5.3
Nonresidential	1.1	0.8	1.2	0.8	1.2
Office	2.7	2.4	3.0	1.4	3.3
Commercial	6.7	6.8	8.2	6.2	7.0
Health care	1.7	1.5	1.8	1.1	1.9
Educational	2.0	1.8	2.4	1.2	2.4
Public safety	2.2	2.0	2.4	1.4	2.7
Amusement and recreation	3.5	3.8	4.6	2.0	4.4
Transportation	1.5	1.5	1.9	1.0	2.2
Power	4.5	6.1	8.1	2.7	8.3
Highway and street	2.7	2.0	3.1	2.5	3.7
Sewage and waste disposal	2.6	2.1	3.5	2.1	3.7
Water supply	3.1	2.8	4.2	2.6	4.3
Conservation and development	2.2	1.7	2.8	1.3	3.0

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, April 3, 2023. Additional information on the survey methodology may be found at www.census.gov/construction/c30/meth.html

Table 4. Annual Value of Construction Put in Place in the United States
(Millions of dollars. Details may not add to totals due to rounding.)

Type of Construction	2022 ^r	2021	Percent change	Coefficient of variation
Total Construction	1,798,926	1,626,444	10.6	0.4
Residential	910,416	802,933	13.4	5.3
Nonresidential	888,510	823,511	7.9	0.4
Lodging	18,638	18,236	2.2	1.3
Office	87,753	86,642	1.3	1.5
Commercial	115,577	94,553	22.2	0.8
Health care	52,710	48,459	8.8	1.0
Educational	99,191	98,426	0.8	1.2
Religious	2,887	2,926	-1.3	6.0
Public safety	11,212	12,150	-7.7	1.9
Amusement and recreation	27,054	25,276	7.0	2.0
Transportation	56,816	56,689	0.2	0.9
Communication	24,343	24,696	-1.4	NA
Power	110,355	120,834	-8.7	0.3
Highway and street	109,831	100,679	9.1	1.4
Sewage and waste disposal	32,051	27,968	14.6	1.8
Water supply	22,910	19,214	19.2	2.1
Conservation and development	9,278	7,893	17.5	1.7
Manufacturing	107,904	78,872	36.8	0.9
Total Private Construction¹	1,434,737	1,279,464	12.1	0.5
Residential ²	901,208	793,660	13.6	1.1
New single family	442,323	423,869	4.4	8.2
New multifamily	105,113	100,635	4.4	6.7
Nonresidential	533,529	485,805	9.8	0.5
Lodging	18,216	17,579	3.6	1.3
Office	75,499	74,871	0.8	1.7
Commercial	111,725	90,885	22.9	0.8
Health care	41,813	38,545	8.5	1.2
Educational	18,890	16,107	17.3	1.9
Religious	2,887	2,920	-1.1	6.0
Public safety	170	96	77.1	18.7
Amusement and recreation	13,709	12,423	10.4	2.4
Transportation	16,167	15,414	4.9	1.8
Communication	24,223	24,474	-1.0	NA
Power	100,466	112,402	-10.6	0.2
Sewage and waste disposal	690	451	53.0	14.6
Water supply	740	641	15.4	11.9
Manufacturing	107,363	78,461	36.8	0.8
Total Public Construction³	364,189	346,980	5.0	0.6
Residential	9,209	9,274	-0.7	5.3
Nonresidential	354,981	337,706	5.1	0.6
Office	12,254	11,771	4.1	2.1
Commercial	3,852	3,669	5.0	4.5
Health care	10,896	9,914	9.9	1.3
Educational	80,300	82,319	-2.5	1.4
Public safety	11,042	12,054	-8.4	1.9
Amusement and recreation	13,345	12,853	3.8	3.2
Transportation	40,648	41,274	-1.5	1.0
Power	9,890	8,432	17.3	3.6
Highway and street	108,950	100,225	8.7	1.4
Sewage and waste disposal	31,361	27,517	14.0	1.8
Water supply	22,170	18,573	19.4	2.1
Conservation and development	9,188	7,811	17.6	1.7

NA Not applicable ^rRevised

¹Includes the following categories of private construction not shown separately:
highway and street, 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, April 3, 2023. Additional information on the survey methodology may be found at
<www.census.gov/construction/c30/meth.html>