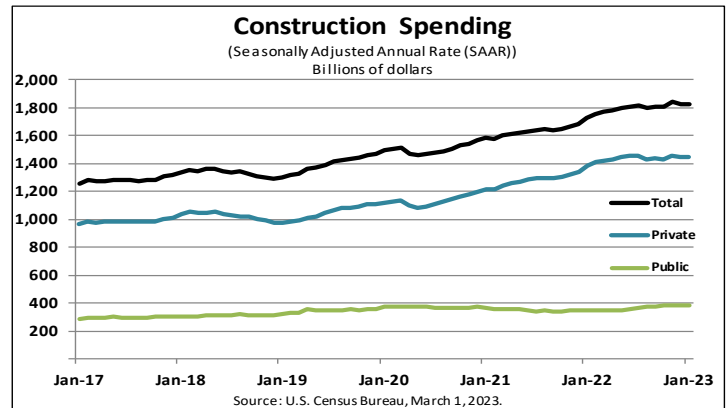


FOR RELEASE AT 10:00 AM EST, WEDNESDAY, MARCH 1, 2023

MONTHLY CONSTRUCTION SPENDING, JANUARY 2023

Release Number: CB23-25

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



Total Construction

Construction spending during January 2023 was estimated at a seasonally adjusted annual rate of \$1,825.7 billion, 0.1 percent (± 0.7 percent)* below the revised December estimate of \$1,827.5 billion. The January figure is 5.7 percent (± 1.2 percent) above the January 2022 estimate of \$1,726.6 billion.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$1,442.6 billion, virtually unchanged from (± 0.5 percent)* the revised December estimate of \$1,442.0 billion. Residential construction was at a seasonally adjusted annual rate of \$847.4 billion in January, 0.6 percent (± 1.3 percent)* below the revised December estimate of \$852.1 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$595.2 billion in January, 0.9 percent (± 0.5 percent) above the revised December estimate of \$589.9 billion.

Public Construction

In January, the estimated seasonally adjusted annual rate of public construction spending was \$383.1 billion, 0.6 percent (± 1.2 percent)* below the revised December estimate of \$385.5 billion. Educational construction was at a seasonally adjusted annual rate of \$84.1 billion, 0.6 percent (± 2.0 percent)* below the revised December estimate of \$84.6 billion. Highway construction was at a seasonally adjusted annual rate of \$117.3 billion, 0.9 percent (± 2.8 percent)* below the revised December estimate of \$118.4 billion.

Data Inquiries

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

Notice

With this release, construction spending estimates reflect new survey sampling rates for construction projects started in or after January 2023 to ensure each sample is representative of its target population and to maintain the efficiency of the sample, see [updated sample rate tables](#).

The February 2023 Monthly Construction Spending Report is scheduled for release on April 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 (± 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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U.S. CENSUS BUREAU
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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	Jan 2023 ^p	Dec 2022 ^r	Nov 2022 ^r	Oct 2022	Sep 2022	Jan 2022	Percent change Jan 2023 from -	
							Dec 2022	Jan 2022
Total Construction	1,825,653	1,827,535	1,840,294	1,808,343	1,807,497	1,726,585	-0.1	5.7
Residential	856,912	861,674	869,322	874,105	889,018	890,763	-0.6	-3.8
Nonresidential	968,741	965,861	970,972	934,238	918,479	835,822	0.3	15.9
Lodging	21,930	21,745	21,774	21,845	20,144	15,699	0.9	39.7
Office	96,022	95,315	95,292	89,874	87,310	84,401	0.7	13.8
Commercial	125,503	129,564	129,822	125,866	120,099	102,782	-3.1	22.1
Health care	55,756	55,646	55,869	55,157	52,848	49,593	0.2	12.4
Educational	104,598	105,281	105,978	103,429	98,554	98,413	-0.6	6.3
Religious	3,057	2,920	2,837	2,707	3,047	2,750	4.7	11.2
Public safety	11,056	11,282	11,701	11,739	11,595	10,110	-2.0	9.4
Amusement and recreation	28,786	29,209	28,991	28,648	27,726	25,967	-1.4	10.9
Transportation	61,447	60,447	59,925	59,559	58,051	56,277	1.7	9.2
Communication	24,980	24,981	24,818	24,966	24,796	24,161	0.0	3.4
Power	111,598	110,610	109,443	106,127	105,247	117,030	0.9	-4.6
Highway and street	118,297	119,473	117,272	117,811	117,625	101,683	-1.0	16.3
Sewage and waste disposal	33,390	34,251	34,099	33,214	33,171	28,456	-2.5	17.3
Water supply	22,125	23,508	24,109	25,288	25,518	18,913	-5.9	17.0
Conservation and development	10,427	9,644	11,127	9,735	9,080	8,567	8.1	21.7
Manufacturing	139,770	131,984	137,916	118,274	123,669	91,021	5.9	53.6
Total Private Construction¹	1,442,566	1,442,036	1,453,879	1,426,310	1,431,908	1,381,697	0.0	4.4
Residential ²	847,353	852,135	859,860	864,902	879,682	881,907	-0.6	-3.9
New single family	374,431	380,734	392,451	406,197	418,664	458,644	-1.7	-18.4
New multifamily	120,522	120,050	117,785	112,249	105,130	99,917	0.4	20.6
Nonresidential	595,213	589,900	594,018	561,408	552,226	499,790	0.9	19.1
Lodging	21,597	21,409	21,407	21,401	19,573	15,369	0.9	40.5
Office	82,993	82,562	82,078	77,601	75,081	72,472	0.5	14.5
Commercial	121,449	125,443	125,634	121,701	115,875	99,494	-3.2	22.1
Health care	44,140	44,288	44,239	43,507	41,960	39,379	-0.3	12.1
Educational	20,492	20,646	20,771	19,767	18,720	17,948	-0.7	14.2
Religious	3,057	2,920	2,837	2,707	3,047	2,750	4.7	11.2
Amusement and recreation	14,749	14,812	14,703	14,660	14,091	12,970	-0.4	13.7
Transportation	18,955	18,806	18,658	18,291	17,686	15,054	0.8	25.9
Communication	24,897	24,854	24,686	24,817	24,674	24,028	0.2	3.6
Power	100,487	99,475	98,490	96,373	95,918	107,505	1.0	-6.5
Manufacturing	139,404	131,497	137,452	117,692	122,939	90,632	6.0	53.8
Total Public Construction³	383,088	385,499	386,415	382,033	375,590	344,887	-0.6	11.1
Residential	9,560	9,538	9,462	9,204	9,336	8,856	0.2	7.9
Nonresidential	373,528	375,961	376,954	372,830	366,254	336,031	-0.6	11.2
Office	13,029	12,753	13,214	12,273	12,230	11,928	2.2	9.2
Commercial	4,055	4,121	4,188	4,165	4,224	3,288	-1.6	23.3
Health care	11,616	11,358	11,630	11,650	10,888	10,214	2.3	13.7
Educational	84,106	84,636	85,207	83,663	79,834	80,465	-0.6	4.5
Public safety	10,832	11,048	11,468	11,487	11,368	10,020	-2.0	8.1
Amusement and recreation	14,038	14,397	14,289	13,988	13,635	12,996	-2.5	8.0
Transportation	42,492	41,641	41,267	41,268	40,364	41,223	2.0	3.1
Power	11,111	11,135	10,953	9,754	9,329	9,525	-0.2	16.7
Highway and street	117,344	118,379	116,250	116,865	116,814	100,802	-0.9	16.4
Sewage and waste disposal	32,427	33,212	33,158	32,449	32,467	27,955	-2.4	16.0
Water supply	21,350	22,804	23,366	24,496	24,740	18,244	-6.4	17.0
Conservation and development	10,349	9,528	11,001	9,598	8,938	8,519	8.6	21.5

^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, March 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	Jan 2023 ^p	Dec 2022 ^r	Nov 2022 ^r	Oct 2022	Sep 2022	Jan 2022	Year-to-date		
							Jan 2023	Jan 2022	Percent change
Total Construction	128,518	136,317	152,238	158,075	162,810	122,435	128,518	122,435	5.0
Residential	58,859	61,283	70,707	74,738	78,817	62,662	58,859	62,662	-6.1
Nonresidential	69,659	75,034	81,531	83,336	83,993	59,772	69,659	59,772	16.5
Lodging	1,717	1,798	1,854	1,846	1,705	1,212	1,717	1,212	41.7
Office	7,343	7,615	7,961	7,847	7,745	6,415	7,343	6,415	14.5
Commercial	9,475	10,270	11,074	11,180	10,636	7,724	9,475	7,724	22.7
Health care	4,298	4,582	4,777	4,785	4,643	3,792	4,298	3,792	13.3
Educational	7,308	7,634	8,240	8,530	8,685	6,815	7,308	6,815	7.2
Religious	234	236	239	237	268	211	234	211	10.9
Public safety	832	885	993	1,007	1,064	769	832	769	8.2
Amusement and recreation	2,141	2,285	2,446	2,520	2,493	1,891	2,141	1,891	13.2
Transportation	4,375	4,789	5,113	5,371	5,301	3,986	4,375	3,986	9.8
Communication	1,811	2,331	2,268	2,135	2,147	1,732	1,811	1,732	4.6
Power	8,898	8,951	9,155	9,063	8,998	9,355	8,898	9,355	-4.9
Highway and street	5,727	7,048	9,656	12,023	13,092	4,931	5,727	4,931	16.1
Sewage and waste disposal	2,302	2,625	2,911	3,110	3,106	1,968	2,302	1,968	17.0
Water supply	1,548	1,759	2,013	2,252	2,345	1,334	1,548	1,334	16.0
Conservation and development	769	796	949	819	931	611	769	611	25.9
Manufacturing	10,881	11,432	11,882	10,611	10,835	7,027	10,881	7,027	54.8
Total Private Construction¹	104,139	109,175	120,462	123,089	126,101	100,498	104,139	100,498	3.6
Residential ²	58,181	60,527	69,911	73,931	77,949	62,037	58,181	62,037	-6.2
New single family	26,328	28,270	33,914	36,323	38,120	32,804	26,328	32,804	-19.7
New multifamily	9,566	9,435	9,901	9,605	8,978	7,846	9,566	7,846	21.9
Nonresidential	45,958	48,648	50,551	49,158	48,152	38,461	45,958	38,461	19.5
Lodging	1,689	1,770	1,824	1,809	1,658	1,184	1,689	1,184	42.7
Office	6,380	6,602	6,851	6,802	6,631	5,547	6,380	5,547	15.0
Commercial	9,174	9,933	10,708	10,821	10,244	7,483	9,174	7,483	22.6
Health care	3,417	3,657	3,797	3,801	3,659	3,039	3,417	3,039	12.4
Educational	1,533	1,589	1,671	1,630	1,559	1,338	1,533	1,338	14.6
Religious	234	236	239	237	268	211	234	211	10.9
Amusement and recreation	1,151	1,194	1,229	1,255	1,227	992	1,151	992	16.0
Transportation	1,455	1,606	1,647	1,659	1,568	1,151	1,455	1,151	26.4
Communication	1,804	2,320	2,257	2,122	2,137	1,721	1,804	1,721	4.8
Power	8,055	8,106	8,228	8,203	8,187	8,649	8,055	8,649	-6.9
Manufacturing	10,851	11,391	11,843	10,563	10,774	6,995	10,851	6,995	55.1
Total Public Construction³	24,379	27,142	31,775	34,985	36,709	21,937	24,379	21,937	11.1
Residential	678	756	796	807	868	626	678	626	8.3
Nonresidential	23,701	26,386	30,980	34,178	35,841	21,311	23,701	21,311	11.2
Office	963	1,013	1,109	1,045	1,113	869	963	869	10.8
Commercial	301	338	366	360	392	241	301	241	24.9
Health care	882	925	979	985	984	753	882	753	17.1
Educational	5,775	6,045	6,570	6,900	7,126	5,476	5,775	5,476	5.5
Public safety	815	867	974	986	1,046	762	815	762	7.0
Amusement and recreation	991	1,090	1,217	1,265	1,266	899	991	899	10.2
Transportation	2,921	3,183	3,466	3,712	3,734	2,836	2,921	2,836	3.0
Power	843	846	927	861	811	706	843	706	19.4
Highway and street	5,657	6,972	9,572	11,939	13,018	4,871	5,657	4,871	16.1
Sewage and waste disposal	2,235	2,539	2,832	3,044	3,039	1,934	2,235	1,934	15.6
Water supply	1,492	1,704	1,948	2,175	2,274	1,286	1,492	1,286	16.0
Conservation and development	763	786	939	808	920	607	763	607	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, March 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	0.5	0.7	0.4	0.7
Residential	5.8	5.1	5.5	2.2	5.5
Nonresidential	0.6	0.5	0.7	0.4	0.7
Lodging	1.6	1.6	3.1	1.1	3.1
Office	1.7	1.6	2.1	0.8	2.1
Commercial	1.2	1.1	1.5	0.7	1.5
Health care	1.2	1.3	1.7	0.6	1.7
Educational	1.7	1.4	1.9	1.0	1.9
Religious	6.3	6.1	8.3	3.7	8.3
Public safety	2.2	2.1	2.3	1.3	2.3
Amusement and recreation	2.5	2.3	2.9	1.6	2.9
Transportation	1.3	1.4	1.9	0.8	1.9
Communication	NA	NA	NA	NA	NA
Power	0.3	0.3	0.3	0.2	0.3
Highway and street	2.8	2.5	3.5	1.7	3.5
Sewage and waste disposal	2.6	2.5	3.7	2.0	3.7
Water supply	3.1	2.8	4.4	2.1	4.4
Conservation and development	2.4	2.0	2.9	1.3	2.9
Manufacturing	0.8	1.0	1.8	0.6	1.8
Total Private Construction	0.6	0.5	0.8	0.3	0.8
Residential	5.0	1.1	1.3	0.8	1.4
New single family	8.1	7.8	0.8	0.8	2.4
New multifamily	7.1	7.8	3.9	1.2	3.9
Nonresidential	0.6	0.5	0.8	0.3	0.8
Lodging	1.7	1.6	3.1	1.1	3.1
Office	2.0	1.8	2.4	0.9	2.4
Commercial	1.2	1.1	1.5	0.7	1.5
Health care	1.5	1.6	2.2	0.6	2.2
Educational	2.3	2.0	2.9	1.4	2.9
Religious	6.3	6.1	8.3	3.7	8.3
Amusement and recreation	3.3	2.8	3.7	1.8	3.7
Transportation	2.4	1.8	3.1	0.8	3.1
Communication	NA	NA	NA	NA	NA
Power	0.1	0.2	0.2	0.1	0.2
Manufacturing	0.8	1.0	1.8	0.4	1.8
Total Public Construction	1.1	0.9	1.3	0.7	1.3
Residential	5.8	5.1	5.5	2.2	5.5
Nonresidential	1.1	0.9	1.3	0.7	1.3
Office	2.7	2.5	3.1	1.6	3.1
Commercial	6.6	7.3	8.7	2.3	8.7
Health care	1.7	1.6	1.8	1.1	1.8
Educational	2.0	1.7	2.3	1.2	2.3
Public safety	2.2	2.1	2.2	1.3	2.2
Amusement and recreation	3.5	3.7	4.5	2.6	4.5
Transportation	1.5	1.6	2.1	1.0	2.1
Power	4.4	4.5	7.3	2.4	7.3
Highway and street	2.8	2.5	3.5	1.7	3.5
Sewage and waste disposal	2.6	2.6	3.8	2.1	3.8
Water supply	3.2	2.8	4.5	2.2	4.5
Conservation and development	2.4	2.0	2.9	1.3	2.9

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, March 1, 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	1,798,094	1,626,444	10.6	0.4
Residential	909,876	802,933	13.3	5.3
Nonresidential	888,218	823,511	7.9	0.4
Lodging	18,612	18,236	2.1	1.3
Office	87,693	86,642	1.2	1.5
Commercial	115,385	94,553	22.0	0.8
Health care	52,687	48,459	8.7	1.0
Educational	99,201	98,426	0.8	1.2
Religious	2,890	2,926	-1.2	6.0
Public safety	11,217	12,150	-7.7	1.9
Amusement and recreation	27,055	25,276	7.0	2.0
Transportation	56,785	56,689	0.2	0.9
Communication	24,341	24,696	-1.4	NA
Power	110,291	120,834	-8.7	0.3
Highway and street	109,809	100,679	9.1	1.4
Sewage and waste disposal	31,979	27,968	14.3	1.8
Water supply	22,855	19,214	18.9	2.1
Conservation and development	9,295	7,893	17.8	1.7
Manufacturing	108,122	78,872	37.1	0.9
Total Private Construction¹	1,434,095	1,279,464	12.1	0.5
Residential ²	900,665	793,660	13.5	1.1
New single family	442,256	423,869	4.3	8.2
New multifamily	105,040	100,635	4.4	6.7
Nonresidential	533,430	485,805	9.8	0.5
Lodging	18,190	17,579	3.5	1.3
Office	75,454	74,871	0.8	1.7
Commercial	111,538	90,885	22.7	0.8
Health care	41,805	38,545	8.5	1.2
Educational	18,899	16,107	17.3	1.9
Religious	2,890	2,920	-1.0	6.0
Public safety	171	96	78.1	18.7
Amusement and recreation	13,721	12,423	10.4	2.4
Transportation	16,139	15,414	4.7	1.8
Communication	24,222	24,474	-1.0	NA
Power	100,435	112,402	-10.6	0.2
Sewage and waste disposal	690	451	53.0	14.6
Water supply	734	641	14.5	11.9
Manufacturing	107,578	78,461	37.1	0.8
Total Public Construction³	363,999	346,980	4.9	0.6
Residential	9,211	9,274	-0.7	5.3
Nonresidential	354,788	337,706	5.1	0.6
Office	12,240	11,771	4.0	2.1
Commercial	3,848	3,669	4.9	4.5
Health care	10,882	9,914	9.8	1.3
Educational	80,301	82,319	-2.5	1.4
Public safety	11,047	12,054	-8.4	1.9
Amusement and recreation	13,334	12,853	3.7	3.2
Transportation	40,646	41,274	-1.5	1.0
Power	9,856	8,432	16.9	3.6
Highway and street	108,936	100,225	8.7	1.4
Sewage and waste disposal	31,289	27,517	13.7	1.8
Water supply	22,121	18,573	19.1	2.1
Conservation and development	9,203	7,811	17.8	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, March 1, 2023. Additional information on the survey methodology may be found at
<www.census.gov/construction/c30/meth.html>