

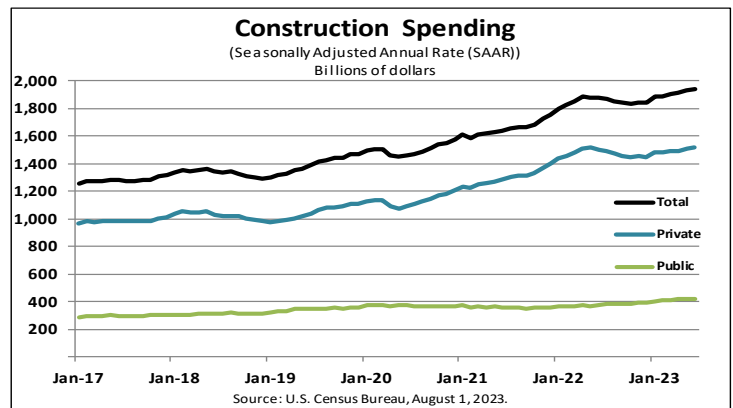
FOR RELEASE AT 10:00 AM EDT, TUESDAY, AUGUST 1, 2023

MONTHLY CONSTRUCTION SPENDING, JUNE 2023

Release Number: CB23-126

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

 CONSTRUCTION SPENDING	
JUNE 2023	\$1,938.4 billion
MAY 2023 (revised)	\$1,929.6 billion
Next release: September 1, 2023	
Seasonally Adjusted Annual Rate (SAAR) Source: U.S. Census Bureau, August 1, 2023	



Total Construction

Construction spending during June 2023 was estimated at a seasonally adjusted annual rate of \$1,938.4 billion, 0.5 percent (± 0.5 percent)* above the revised May estimate of \$1,929.6 billion. The June figure is 3.5 percent (± 1.3 percent) above the June 2022 estimate of \$1,873.2 billion. During the first six months of this year, construction spending amounted to \$917.4 billion, 3.0 percent (± 1.0 percent) above the \$890.4 billion for the same period in 2022.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$1,516.9 billion, 0.5 percent (± 0.3 percent) above the revised May estimate of \$1,509.4 billion. Residential construction was at a seasonally adjusted annual rate of \$856.3 billion in June, 0.9 percent (± 1.3 percent)* above the revised May estimate of \$848.6 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$660.6 billion in June, virtually unchanged from (± 0.3 percent)* the revised May estimate of \$660.8 billion.

Public Construction

In June, the estimated seasonally adjusted annual rate of public construction spending was \$421.4 billion, 0.3 percent (± 1.0 percent)* above the revised May estimate of \$420.2 billion. Educational construction was at a seasonally adjusted annual rate of \$88.9 billion, 0.1 percent (± 1.5 percent)* below the revised May estimate of \$89.0 billion. Highway construction was at a seasonally adjusted annual rate of \$128.6 billion, 0.1 percent (± 2.6 percent)* below the revised May estimate of \$128.6 billion.

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U.S. Department of Commerce
U.S. CENSUS BUREAU
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Notice

New Length of Time data for Private Nonresidential, Private Multifamily and State and Local Construction are available. Go to the [Related Studies](#) menu on our website.

Geographic data for Private Nonresidential and State and Local Construction through 2022 can be found on the [Historical Data](#) page.

The July 2023 Monthly Construction Spending Report is scheduled for release on September 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.

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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	Jun 2023 ^p	May 2023 ^r	Apr 2023 ^r	Mar 2023	Feb 2023	Jun 2022	Percent change Jun 2023 from -	
							May 2023	Jun 2022
Total Construction	1,938,357	1,929,610	1,907,837	1,901,401	1,889,562	1,873,184	0.5	3.5
Residential	866,408	858,746	834,713	856,947	857,211	965,400	0.9	-10.3
Nonresidential	1,071,949	1,070,864	1,073,124	1,044,454	1,032,350	907,784	0.1	18.1
Lodging	23,121	22,961	22,988	22,744	22,754	19,269	0.7	20.0
Office	97,227	96,517	96,482	94,772	96,085	90,089	0.7	7.9
Commercial	126,007	125,941	128,809	127,474	127,585	121,192	0.1	4.0
Health care	60,499	61,030	62,128	61,749	60,362	54,636	-0.9	10.7
Educational	111,020	110,926	110,685	109,604	107,916	102,917	0.1	7.9
Religious	3,123	3,011	3,021	3,243	3,225	3,082	3.7	1.3
Public safety	12,697	12,669	11,946	11,910	11,634	11,812	0.2	7.5
Amusement and recreation	31,687	31,328	31,258	29,764	29,588	29,969	1.1	5.7
Transportation	63,408	63,187	62,841	61,986	62,252	58,184	0.3	9.0
Communication	24,369	24,451	24,540	24,554	24,661	24,194	-0.3	0.7
Power	115,529	117,097	118,185	117,803	118,122	110,088	-1.3	4.9
Highway and street	129,260	129,367	129,324	125,071	125,146	107,441	-0.1	20.3
Sewage and waste disposal	39,912	39,414	38,848	38,707	38,380	32,148	1.3	24.2
Water supply	26,369	26,104	25,208	25,220	24,856	24,791	1.0	6.4
Conservation and development	11,823	11,556	12,044	12,397	10,809	9,107	2.3	29.8
Manufacturing	195,898	195,306	194,818	177,457	168,976	108,866	0.3	79.9
Total Private Construction¹	1,516,910	1,509,445	1,490,594	1,491,518	1,483,539	1,502,210	0.5	1.0
Residential ²	856,302	848,619	824,707	846,865	847,507	955,943	0.9	-10.4
New single family	378,527	370,871	364,887	369,398	374,548	481,988	2.1	-21.5
New multifamily	131,690	129,743	129,034	126,961	125,529	108,102	1.5	21.8
Nonresidential	660,607	660,826	665,887	644,654	636,032	546,267	0.0	20.9
Lodging	22,837	22,717	22,615	22,368	22,356	18,725	0.5	22.0
Office	83,497	82,747	82,368	81,540	82,547	77,284	0.9	8.0
Commercial	121,279	121,174	123,891	122,705	123,038	116,897	0.1	3.7
Health care	47,745	48,219	49,396	49,247	47,973	43,247	-1.0	10.4
Educational	22,152	21,928	22,150	21,614	20,793	18,785	1.0	17.9
Religious	3,123	3,011	3,021	3,243	3,225	3,082	3.7	1.3
Amusement and recreation	15,256	15,126	15,230	14,964	14,935	16,201	0.9	-5.8
Transportation	19,339	19,238	19,029	18,902	19,006	16,785	0.5	15.2
Communication	24,020	24,112	24,211	24,222	24,379	24,005	-0.4	0.1
Power	102,825	104,512	106,094	105,520	106,069	100,793	-1.6	2.0
Manufacturing	195,451	194,866	194,403	176,948	168,545	108,167	0.3	80.7
Total Public Construction³	421,447	420,165	417,243	409,882	406,023	370,975	0.3	13.6
Residential	10,106	10,127	10,005	10,082	9,705	9,457	-0.2	6.9
Nonresidential	411,342	410,038	407,238	399,800	396,318	361,518	0.3	13.8
Office	13,730	13,770	14,114	13,232	13,538	12,805	-0.3	7.2
Commercial	4,728	4,767	4,918	4,769	4,547	4,295	-0.8	10.1
Health care	12,753	12,811	12,732	12,502	12,390	11,389	-0.5	12.0
Educational	88,868	88,998	88,535	87,990	87,122	84,132	-0.1	5.6
Public safety	12,436	12,447	11,693	11,698	11,425	11,621	-0.1	7.0
Amusement and recreation	16,431	16,201	16,028	14,800	14,654	13,768	1.4	19.3
Transportation	44,069	43,949	43,812	43,085	43,246	41,400	0.3	6.4
Power	12,705	12,585	12,091	12,283	12,053	9,295	1.0	36.7
Highway and street	128,561	128,629	128,495	124,295	124,325	106,751	-0.1	20.4
Sewage and waste disposal	38,711	38,088	37,320	37,284	37,040	31,390	1.6	23.3
Water supply	25,478	25,236	24,381	24,294	24,112	24,176	1.0	5.4
Conservation and development	11,792	11,536	12,000	12,352	10,757	9,065	2.2	30.1

^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, August 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	Jun 2023 ^p	May 2023 ^r	Apr 2023 ^r	Mar 2023	Feb 2023	Jun 2022	Year-to-date		
							Jun 2023	Jun 2022	Percent change
Total Construction	176,607	167,832	156,269	150,245	133,231	170,859	917,430	890,443	3.0
Residential	80,455	76,799	70,142	69,495	58,700	89,054	415,740	463,869	-10.4
Nonresidential	96,152	91,033	86,127	80,750	74,531	81,805	501,690	426,574	17.6
Lodging	1,955	1,963	1,968	1,915	1,805	1,634	11,358	9,070	25.2
Office	8,448	8,193	7,988	7,721	7,363	7,819	47,044	44,200	6.4
Commercial	10,927	10,613	10,610	10,204	9,619	10,535	61,582	56,363	9.3
Health care	5,205	5,204	5,147	5,027	4,645	4,689	29,827	26,308	13.4
Educational	10,963	9,645	8,857	8,250	7,560	10,174	52,656	49,083	7.3
Religious	268	257	250	263	243	262	1,523	1,458	4.5
Public safety	1,121	1,101	976	955	877	1,044	5,874	5,666	3.7
Amusement and recreation	2,785	2,674	2,568	2,348	2,206	2,649	14,776	14,332	3.1
Transportation	5,636	5,434	5,036	4,694	4,446	5,168	29,726	27,503	8.1
Communication	2,004	2,037	1,986	2,065	1,857	1,981	11,767	11,466	2.6
Power	9,918	9,828	9,711	9,548	9,450	9,438	57,814	54,799	5.5
Highway and street	13,327	11,657	9,366	7,398	6,346	11,122	54,058	46,316	16.7
Sewage and waste disposal	3,666	3,383	3,129	2,917	2,620	2,947	18,168	14,668	23.9
Water supply	2,422	2,309	2,045	1,907	1,761	2,255	12,135	10,602	14.5
Conservation and development	975	916	883	1,015	815	767	5,404	4,149	30.2
Manufacturing	16,533	15,822	15,607	14,524	12,919	9,321	87,978	50,591	73.9
Total Private Construction¹	136,093	131,128	123,873	121,104	106,941	135,213	727,037	720,970	0.8
Residential ²	79,540	75,938	69,323	68,712	57,985	88,196	410,956	459,273	-10.5
New single family	33,669	31,756	30,192	29,601	25,487	42,656	177,596	231,300	-23.2
New multifamily	11,323	11,068	10,884	10,538	10,104	9,280	63,938	52,806	21.1
Nonresidential	56,553	55,190	54,550	52,392	48,956	47,017	316,081	261,697	20.8
Lodging	1,932	1,943	1,937	1,884	1,772	1,589	11,190	8,809	27.0
Office	7,218	6,995	6,841	6,655	6,346	6,680	40,386	37,803	6.8
Commercial	10,516	10,220	10,217	9,815	9,274	10,160	59,312	54,520	8.8
Health care	4,085	4,113	4,116	4,006	3,704	3,699	23,679	20,908	13.3
Educational	2,058	1,965	1,857	1,760	1,579	1,742	10,749	9,350	15.0
Religious	268	257	250	263	243	262	1,523	1,458	4.5
Amusement and recreation	1,303	1,275	1,252	1,213	1,166	1,407	7,382	7,827	-5.7
Transportation	1,667	1,645	1,545	1,390	1,392	1,453	9,107	7,905	15.2
Communication	1,975	2,009	1,958	2,038	1,834	1,965	11,614	11,392	1.9
Power	8,754	8,701	8,721	8,633	8,529	8,586	51,838	50,324	3.0
Manufacturing	16,496	15,786	15,573	14,481	12,883	9,263	87,753	50,340	74.3
Total Public Construction³	40,514	36,703	32,395	29,141	26,291	35,647	190,393	169,473	12.3
Residential	915	860	819	783	715	858	4,784	4,596	4.1
Nonresidential	39,599	35,843	31,577	28,358	25,575	34,788	185,609	164,877	12.6
Office	1,230	1,198	1,147	1,066	1,016	1,139	6,659	6,397	4.1
Commercial	412	393	393	388	344	376	2,270	1,843	23.2
Health care	1,120	1,091	1,031	1,020	941	990	6,148	5,400	13.9
Educational	8,906	7,679	6,999	6,490	5,981	8,431	41,907	39,733	5.5
Public safety	1,096	1,081	955	938	862	1,026	5,758	5,597	2.9
Amusement and recreation	1,482	1,399	1,316	1,135	1,040	1,242	7,394	6,504	13.7
Transportation	3,968	3,788	3,492	3,305	3,054	3,715	20,619	19,599	5.2
Power	1,164	1,126	991	915	921	853	5,976	4,475	33.5
Highway and street	13,265	11,592	9,299	7,337	6,286	11,057	53,675	45,947	16.8
Sewage and waste disposal	3,550	3,264	3,004	2,809	2,520	2,874	17,534	14,365	22.1
Water supply	2,345	2,232	1,977	1,842	1,708	2,202	11,740	10,299	14.0
Conservation and development	973	915	880	1,011	811	763	5,383	4,132	30.3

^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, August 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	0.5	0.3	0.6	0.3	0.8
Residential	4.6	3.4	4.8	1.5	6.1
Nonresidential	0.5	0.3	0.6	0.3	0.8
Lodging	1.5	1.3	2.5	0.6	2.9
Office	1.4	1.1	1.7	0.5	1.7
Commercial	1.0	0.7	1.1	0.5	0.9
Health care	1.2	0.9	1.3	0.6	1.3
Educational	1.5	1.1	1.8	0.8	1.9
Religious	5.9	3.8	7.2	3.2	10.4
Public safety	2.4	2.5	2.4	1.3	3.1
Amusement and recreation	2.1	1.6	2.3	0.8	2.7
Transportation	1.3	1.0	1.3	0.5	1.6
Communication	NA	NA	NA	NA	NA
Power	0.3	0.3	0.3	0.1	0.3
Highway and street	2.3	1.1	2.4	1.6	3.6
Sewage and waste disposal	2.3	1.6	3.2	1.5	4.3
Water supply	2.9	2.2	3.4	2.1	4.3
Conservation and development	2.0	1.5	2.6	1.2	3.1
Manufacturing	0.8	0.7	1.3	0.3	1.2
Total Private Construction	0.5	0.4	0.6	0.2	0.6
Residential	5.0	1.1	1.3	0.8	1.4
New single family	7.8	7.7	1.5	0.7	1.4
New multifamily	7.7	8.0	3.8	1.1	5.3
Nonresidential	0.5	0.4	0.6	0.2	0.6
Lodging	1.5	1.3	2.5	0.6	3.0
Office	1.6	1.2	1.9	0.5	1.8
Commercial	1.0	0.6	1.1	0.5	0.9
Health care	1.4	1.1	1.5	0.7	1.5
Educational	2.3	1.7	2.7	1.5	3.0
Religious	5.9	3.8	7.2	3.2	10.4
Amusement and recreation	2.8	1.9	2.4	1.1	2.1
Transportation	2.1	1.5	1.9	0.3	1.8
Communication	NA	NA	NA	NA	NA
Power	0.2	0.2	0.2	0.1	0.1
Manufacturing	0.7	0.6	1.3	0.3	1.2
Total Public Construction	0.9	0.6	1.0	0.6	1.4
Residential	4.6	3.4	4.8	1.5	6.1
Nonresidential	1.0	0.6	1.0	0.6	1.5
Office	2.4	2.0	3.0	1.2	3.4
Commercial	7.5	7.2	8.7	5.2	8.3
Health care	1.5	1.1	1.6	0.7	2.3
Educational	1.8	1.3	2.1	0.9	2.2
Public safety	2.4	2.5	2.4	1.3	3.2
Amusement and recreation	3.2	2.5	4.2	1.2	5.8
Transportation	1.5	1.1	1.5	0.6	1.9
Power	3.6	2.8	6.0	1.8	7.3
Highway and street	2.3	1.1	2.4	1.6	3.7
Sewage and waste disposal	2.3	1.6	3.2	1.5	4.4
Water supply	2.9	2.2	3.5	2.0	4.3
Conservation and development	2.0	1.5	2.6	1.2	3.1

NA Not applicable

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