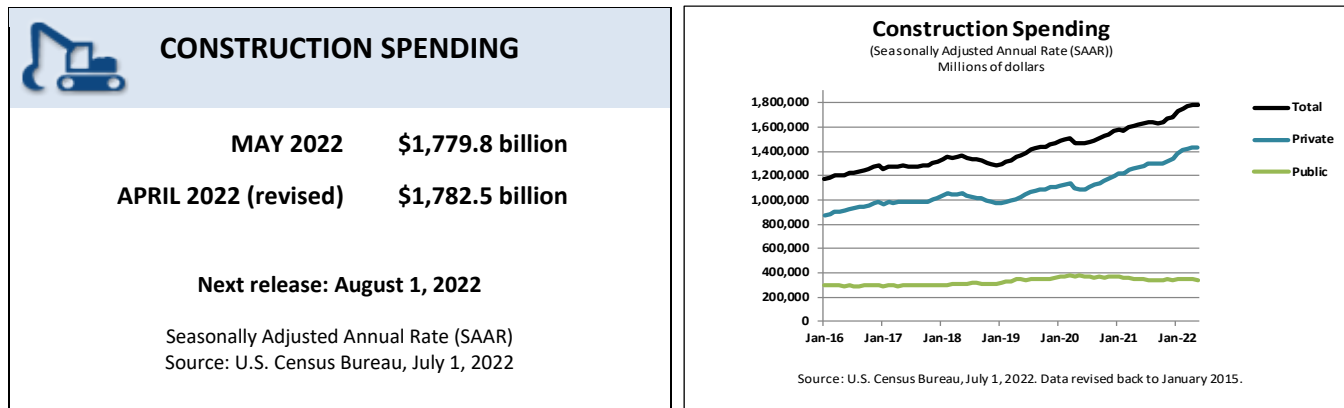


FOR RELEASE AT 10:00 AM EDT, FRIDAY, JULY 1, 2022

MONTHLY CONSTRUCTION SPENDING, MAY 2022

Release Number: CB22-109

July 1, 2022 — The U.S. Census Bureau announced the following value put in place construction statistics for May 2022:



Total Construction

Construction spending during May 2022 was estimated at a seasonally adjusted annual rate of \$1,779.8 billion, 0.1 percent (± 0.8 percent)* below the revised April estimate of \$1,782.5 billion. The May figure is 9.7 percent (± 1.3 percent) above the May 2021 estimate of \$1,621.9 billion. During the first five months of this year, construction spending amounted to \$686.9 billion, 11.0 percent (± 1.0 percent) above the \$619.0 billion for the same period in 2021.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$1,436.0 billion, virtually unchanged (± 0.7 percent)* from the revised April estimate of \$1,435.9 billion. Residential construction was at a seasonally adjusted annual rate of \$938.2 billion in May, 0.2 percent (± 1.3 percent)* above the revised April estimate of \$935.9 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$497.8 billion in May, 0.4 percent (± 0.7 percent)* below the revised April estimate of \$499.9 billion.

Public Construction

In May, the estimated seasonally adjusted annual rate of public construction spending was \$343.8 billion, 0.8 percent (± 1.6 percent)* below the revised April estimate of \$346.6 billion. Educational construction was at a seasonally adjusted annual rate of \$78.4 billion, 0.4 percent (± 3.0 percent)* below the revised April estimate of \$78.7 billion. Highway construction was at a seasonally adjusted annual rate of \$98.1 billion, 2.3 percent (± 4.6 percent)* below the revised April estimate of \$100.4 billion.

Data Inquiries

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

With this release, unadjusted data have been revised back to January 2020 and seasonally adjusted data back to January 2015. All revised estimates are available on our website.

The June 2022 Monthly Construction Spending Report is scheduled for release on August 1, 2022. 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, 0.73 percent; private construction, 0.92 percent; and public construction, 0.58 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	May 2022 ^p	Apr 2022 ^r	Mar 2022 ^r	Feb 2022 ^r	Jan 2022 ^r	May 2021 ^r	Percent change May 2022 from -	
							Apr 2022	May 2021
Total Construction	1,779,800	1,782,458	1,768,168	1,753,123	1,726,585	1,621,942	-0.1	9.7
Residential	947,272	945,051	929,023	912,047	890,763	797,728	0.2	18.7
Nonresidential	832,528	837,407	839,145	841,077	835,822	824,214	-0.6	1.0
Lodging	16,404	16,455	16,203	16,582	15,699	18,568	-0.3	-11.7
Office	84,835	84,692	84,343	84,608	84,401	86,775	0.2	-2.2
Commercial	102,214	103,148	104,265	104,434	102,782	93,086	-0.9	9.8
Health care	49,829	50,731	51,026	50,611	49,593	47,375	-1.8	5.2
Educational	96,403	96,913	97,783	98,546	98,413	99,471	-0.5	-3.1
Religious	2,758	2,562	2,879	2,869	2,750	2,960	7.7	-6.8
Public safety	10,989	10,826	10,973	10,291	10,110	12,223	1.5	-10.1
Amusement and recreation	26,093	26,477	25,993	26,249	25,967	26,089	-1.5	0.0
Transportation	55,472	54,774	54,515	54,895	56,277	57,682	1.3	-3.8
Communication	23,530	23,526	23,633	23,826	24,161	25,275	0.0	-6.9
Power	113,226	114,424	116,976	117,391	117,030	119,854	-1.0	-5.5
Highway and street	98,737	101,109	100,971	102,413	101,683	104,996	-2.3	-6.0
Sewage and waste disposal	29,851	29,926	29,915	29,085	28,456	27,886	-0.3	7.0
Water supply	19,448	19,559	19,502	19,444	18,913	19,733	-0.6	-1.4
Conservation and development	8,434	9,073	9,346	8,170	8,567	7,581	-7.0	11.3
Manufacturing	94,305	93,214	90,823	91,664	91,021	74,660	1.2	26.3
Total Private Construction¹	1,436,045	1,435,850	1,420,636	1,406,616	1,381,697	1,268,556	0.0	13.2
Residential ²	938,198	935,913	920,041	903,400	881,907	788,401	0.2	19.0
New single family	483,063	482,940	474,854	468,619	458,644	419,846	0.0	15.1
New multifamily	100,255	100,283	100,190	100,480	99,917	104,040	0.0	-3.6
Nonresidential	497,848	499,938	500,595	503,217	499,790	480,155	-0.4	3.7
Lodging	16,055	16,111	15,868	16,248	15,369	17,797	-0.3	-9.8
Office	72,921	72,890	72,311	72,531	72,472	75,436	0.0	-3.3
Commercial	98,785	99,715	100,763	101,073	99,494	89,052	-0.9	10.9
Health care	39,043	40,022	40,322	40,211	39,379	37,548	-2.4	4.0
Educational	18,027	18,198	18,109	18,088	17,948	15,281	-0.9	18.0
Religious	2,758	2,562	2,879	2,869	2,750	2,948	7.7	-6.4
Amusement and recreation	13,159	13,365	12,973	13,019	12,970	12,683	-1.5	3.8
Transportation	14,670	14,521	14,382	14,454	15,054	15,370	1.0	-4.6
Communication	23,475	23,435	23,539	23,743	24,028	25,002	0.2	-6.1
Power	103,387	104,502	107,072	107,645	107,505	112,869	-1.1	-8.4
Manufacturing	93,760	92,660	90,430	91,256	90,632	74,340	1.2	26.1
Total Public Construction³	343,755	346,608	347,532	346,507	344,887	353,386	-0.8	-2.7
Residential	9,075	9,138	8,982	8,647	8,856	9,327	-0.7	-2.7
Nonresidential	334,680	337,469	338,550	337,860	336,031	344,059	-0.8	-2.7
Office	11,913	11,802	12,033	12,078	11,928	11,339	0.9	5.1
Commercial	3,429	3,433	3,502	3,361	3,288	4,034	-0.1	-15.0
Health care	10,786	10,709	10,704	10,399	10,214	9,827	0.7	9.8
Educational	78,376	78,715	79,673	80,458	80,465	84,189	-0.4	-6.9
Public safety	10,930	10,768	10,870	10,207	10,020	12,146	1.5	-10.0
Amusement and recreation	12,934	13,113	13,019	13,230	12,996	13,406	-1.4	-3.5
Transportation	40,802	40,254	40,133	40,441	41,223	42,312	1.4	-3.6
Power	9,839	9,922	9,904	9,746	9,525	6,986	-0.8	40.8
Highway and street	98,067	100,379	100,219	101,532	100,802	104,543	-2.3	-6.2
Sewage and waste disposal	29,350	29,373	29,438	28,596	27,955	27,432	-0.1	7.0
Water supply	18,946	18,995	18,951	18,862	18,244	19,006	-0.3	-0.3
Conservation and development	8,359	9,019	9,283	8,126	8,519	7,464	-7.3	12.0

^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, July 1, 2022.
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	May 2022 ^p	Apr 2022 ^r	Mar 2022 ^r	Feb 2022 ^r	Jan 2022 ^r	May 2021 ^r	Year-to-date		
							May 2022	May 2021	Percent change
Total Construction	153,097	147,148	140,560	123,700	122,435	138,744	686,940	618,991	11.0
Residential	82,376	79,789	75,874	63,208	62,662	68,662	363,910	299,248	21.6
Nonresidential	70,721	67,359	64,686	60,492	59,772	70,083	323,030	319,744	1.0
Lodging	1,398	1,403	1,372	1,312	1,212	1,577	6,697	8,567	-21.8
Office	7,187	6,986	6,820	6,479	6,415	7,353	33,887	35,145	-3.6
Commercial	8,633	8,551	8,417	7,912	7,724	7,806	41,236	36,463	13.1
Health care	4,195	4,184	4,148	3,900	3,792	3,978	20,219	19,330	4.6
Educational	8,291	7,680	7,291	6,855	6,815	8,544	36,932	38,818	-4.9
Religious	228	215	230	214	211	245	1,097	1,231	-10.9
Public safety	937	894	875	772	769	1,029	4,247	5,563	-23.7
Amusement and recreation	2,241	2,178	2,052	1,925	1,891	2,207	10,286	10,230	0.5
Transportation	4,789	4,404	4,105	3,867	3,986	4,987	21,152	22,544	-6.2
Communication	1,944	1,916	1,977	1,774	1,732	2,052	9,343	9,611	-2.8
Power	9,507	9,391	9,359	9,209	9,355	10,019	46,821	48,855	-4.2
Highway and street	8,670	7,363	6,048	5,186	4,931	9,371	32,198	32,555	-1.1
Sewage and waste disposal	2,574	2,396	2,242	1,974	1,968	2,405	11,154	10,423	7.0
Water supply	1,741	1,604	1,499	1,383	1,334	1,757	7,560	7,501	0.8
Conservation and development	656	673	742	631	611	594	3,313	2,975	11.4
Manufacturing	7,730	7,523	7,508	7,101	7,027	6,160	36,889	29,935	23.2
Total Private Construction¹	123,414	120,183	115,806	101,277	100,498	108,116	561,178	489,150	14.7
Residential ²	81,604	79,034	75,188	62,582	62,037	67,867	360,444	295,535	22.0
New single family	40,705	39,895	38,339	32,325	32,804	35,261	184,068	155,232	18.6
New multifamily	8,496	8,530	8,267	7,923	7,846	8,779	41,061	41,329	-0.6
Nonresidential	41,811	41,149	40,618	38,695	38,461	40,249	200,733	193,615	3.7
Lodging	1,369	1,375	1,344	1,284	1,184	1,512	6,556	8,212	-20.2
Office	6,175	6,022	5,863	5,582	5,547	6,388	29,188	30,507	-4.3
Commercial	8,351	8,275	8,134	7,659	7,483	7,470	39,902	34,868	14.4
Health care	3,289	3,311	3,270	3,102	3,039	3,163	16,010	15,506	3.3
Educational	1,587	1,531	1,461	1,368	1,338	1,357	7,284	6,344	14.8
Religious	228	215	230	214	211	244	1,097	1,228	-10.7
Amusement and recreation	1,109	1,106	1,051	1,002	992	1,054	5,258	4,989	5.4
Transportation	1,281	1,195	1,051	1,032	1,151	1,330	5,710	6,094	-6.3
Communication	1,940	1,908	1,969	1,767	1,721	2,029	9,304	9,531	-2.4
Power	8,636	8,581	8,619	8,471	8,649	9,406	42,955	45,908	-6.4
Manufacturing	7,685	7,477	7,476	7,067	6,995	6,133	36,698	29,803	23.1
Total Public Construction³	29,683	26,965	24,754	22,424	21,937	30,628	125,762	129,841	-3.1
Residential	772	755	686	627	626	795	3,466	3,713	-6.7
Nonresidential	28,910	26,210	24,068	21,797	21,311	29,833	122,297	126,129	-3.0
Office	1,012	964	957	897	869	964	4,699	4,638	1.3
Commercial	282	276	283	253	241	336	1,334	1,595	-16.4
Health care	907	873	878	798	753	815	4,209	3,823	10.1
Educational	6,705	6,150	5,831	5,487	5,476	7,187	29,648	32,474	-8.7
Public safety	931	889	867	765	762	1,021	4,214	5,524	-23.7
Amusement and recreation	1,132	1,072	1,001	923	899	1,153	5,028	5,241	-4.1
Transportation	3,508	3,208	3,054	2,836	2,836	3,657	15,442	16,450	-6.1
Power	871	811	741	737	706	613	3,866	2,947	31.2
Highway and street	8,608	7,308	5,984	5,124	4,871	9,332	31,895	32,411	-1.6
Sewage and waste disposal	2,529	2,353	2,207	1,940	1,934	2,362	10,962	10,250	6.9
Water supply	1,698	1,557	1,460	1,341	1,286	1,693	7,342	7,252	1.2
Conservation and development	650	668	737	627	607	584	3,289	2,955	11.3

^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, July 1, 2022.

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	0.7	0.5	0.6	0.5	0.8
Residential	5.8	5.8	3.6	2.7	4.9
Nonresidential	0.7	0.5	0.6	0.5	0.8
Lodging	2.0	1.7	2.2	1.0	2.3
Office	1.9	2.0	1.9	1.3	1.6
Commercial	1.2	1.1	1.6	0.7	1.5
Health care	1.3	1.1	1.7	0.7	1.8
Educational	1.8	1.5	2.0	1.5	2.2
Religious	5.6	5.5	5.4	4.0	6.0
Public safety	2.3	2.0	2.3	1.5	3.1
Amusement and recreation	2.4	2.2	2.6	1.9	3.0
Transportation	1.4	1.1	1.1	1.2	1.2
Communication	NA	NA	NA	NA	NA
Power	0.3	0.3	0.3	0.2	0.3
Highway and street	2.8	1.7	2.3	2.7	3.5
Sewage and waste disposal	2.7	2.1	2.9	2.8	3.8
Water supply	3.2	2.4	3.2	2.5	3.6
Conservation and development	2.4	2.1	2.5	1.2	2.6
Manufacturing	0.9	0.8	1.4	0.4	1.3
Total Private Construction	0.6	0.6	0.7	0.4	0.7
Residential	5.0	1.1	1.3	0.8	1.4
New single family	9.0	8.6	2.1	0.5	2.2
New multifamily	6.3	6.4	3.9	0.9	4.0
Nonresidential	0.6	0.6	0.7	0.4	0.7
Lodging	2.0	1.7	2.2	1.0	2.3
Office	2.2	2.3	2.1	1.5	1.7
Commercial	1.2	1.1	1.6	0.7	1.5
Health care	1.6	1.4	2.0	0.8	2.0
Educational	2.6	2.2	3.5	1.3	3.5
Religious	5.6	5.5	5.4	4.0	6.0
Amusement and recreation	3.4	3.2	3.6	2.9	3.8
Transportation	2.3	2.6	1.6	2.4	1.3
Communication	NA	NA	NA	NA	NA
Power	0.1	0.2	0.1	0.1	0.1
Manufacturing	0.9	0.8	1.4	0.3	1.3
Total Public Construction	1.1	0.8	1.0	1.0	1.4
Residential	5.8	5.8	3.6	2.7	4.9
Nonresidential	1.1	0.8	1.0	1.0	1.4
Office	2.8	2.6	3.0	1.4	3.6
Commercial	5.8	4.0	8.1	2.1	9.5
Health care	1.8	1.4	2.5	1.0	3.5
Educational	2.0	1.8	2.3	1.8	2.5
Public safety	2.3	2.0	2.3	1.5	3.1
Amusement and recreation	3.4	2.9	3.5	2.6	4.5
Transportation	1.5	1.1	1.3	1.3	1.4
Power	5.8	4.9	9.0	4.5	9.3
Highway and street	2.8	1.7	2.3	2.8	3.5
Sewage and waste disposal	2.7	2.1	2.9	2.8	3.9
Water supply	3.3	2.4	3.2	2.5	3.7
Conservation and development	2.4	2.1	2.5	1.1	2.5

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, July 1, 2022. 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	2021 ¹	2020 ¹	Percent change	Coefficient of variation
Total Construction	1,626,444	1,499,570	8.5	0.4
Residential	802,933	644,257	24.6	5.1
Nonresidential	823,511	855,313	-3.7	0.4
Lodging	18,236	28,483	-36.0	1.7
Office	86,642	92,831	-6.7	1.6
Commercial	94,553	89,714	5.4	0.7
Health care	48,459	48,599	-0.3	1.0
Educational	98,426	110,692	-11.1	1.2
Religious	2,926	3,472	-15.7	4.0
Public safety	12,150	17,667	-31.2	1.6
Amusement and recreation	25,276	28,288	-10.6	1.7
Transportation	56,689	60,734	-6.7	0.9
Communication	24,696	23,876	3.4	NA
Power	120,834	118,168	2.3	0.2
Highway and street	100,679	102,321	-1.6	1.3
Sewage and waste disposal	27,968	27,189	2.9	1.9
Water supply	19,214	18,952	1.4	1.7
Conservation and development	7,893	8,903	-11.3	1.4
Manufacturing	78,872	75,425	4.6	0.8
Total Private Construction¹	1,279,464	1,130,370	13.2	0.5
Residential ²	793,660	634,726	25.0	1.1
New single family	423,869	309,388	37.0	1.0
New multifamily	100,635	91,737	9.7	5.8
Nonresidential	485,805	495,644	-2.0	0.5
Lodging	17,579	27,418	-35.9	1.8
Office	74,871	80,523	-7.0	1.8
Commercial	90,885	85,573	6.2	0.7
Health care	38,545	39,051	-1.3	1.2
Educational	16,107	18,801	-14.3	2.0
Religious	2,920	3,469	-15.8	4.0
Public safety	96	92	4.3	25.4
Amusement and recreation	12,423	13,548	-8.3	2.6
Transportation	15,414	16,311	-5.5	2.6
Communication	24,474	23,770	3.0	NA
Power	112,402	110,593	1.6	0.1
Sewage and waste disposal	451	419	7.6	10.4
Water supply	641	574	11.7	13.9
Manufacturing	78,461	75,069	4.5	0.9
Total Public Construction³	346,980	369,200	-6.0	0.6
Residential	9,274	9,531	-2.7	5.1
Nonresidential	337,706	359,669	-6.1	0.6
Office	11,771	12,309	-4.4	2.0
Commercial	3,669	4,141	-11.4	3.6
Health care	9,914	9,548	3.8	1.4
Educational	82,319	91,891	-10.4	1.3
Public safety	12,054	17,575	-31.4	1.6
Amusement and recreation	12,853	14,739	-12.8	2.1
Transportation	41,274	44,423	-7.1	1.0
Power	8,432	7,576	11.3	3.8
Highway and street	100,225	101,958	-1.7	1.3
Sewage and waste disposal	27,517	26,770	2.8	1.9
Water supply	18,573	18,378	1.1	1.7
Conservation and development	7,811	8,833	-11.6	1.3

NA Not applicable ¹Revised

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, July 1, 2022. Additional information on the survey methodology may be found at
<www.census.gov/construction/c30/meth.html>