

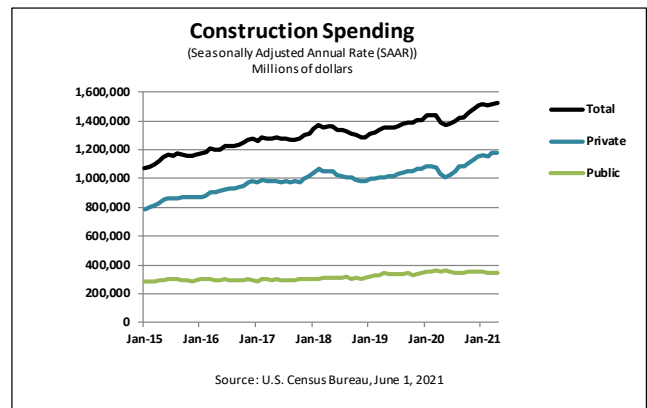
FOR RELEASE AT 10:00 AM EDT, TUESDAY, JUNE 1, 2021

MONTHLY CONSTRUCTION SPENDING, APRIL 2021

Release Number: CB21-86

June 1, 2021 — The U.S. Census Bureau announced the following value put in place construction statistics for April 2021:

CONSTRUCTION SPENDING	
APRIL 2021	\$1,524.2 billion
MARCH 2021 (revised)	\$1,521.0 billion
Next release: July 1, 2021	
Seasonally Adjusted Annual Rate (SAAR) Source: U.S. Census Bureau, June 1, 2021	



Total Construction

Construction spending during April 2021 was estimated at a seasonally adjusted annual rate of \$1,524.2 billion, 0.2 percent (± 0.8 percent)* above the revised March estimate of \$1,521.0 billion. The April figure is 9.8 percent (± 1.2 percent) above the April 2020 estimate of \$1,387.9 billion. During the first four months of this year, construction spending amounted to \$452.3 billion, 5.8 percent (± 1.0 percent) above the \$427.3 billion for the same period in 2020.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$1,180.7 billion, 0.4 percent (± 0.7 percent)* above the revised March estimate of \$1,175.4 billion. Residential construction was at a seasonally adjusted annual rate of \$729.2 billion in April, 1.0 percent (± 1.3 percent)* above the revised March estimate of \$721.8 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$451.4 billion in April, 0.5 percent (± 0.7 percent)* below the revised March estimate of \$453.7 billion.

Public Construction

In April, the estimated seasonally adjusted annual rate of public construction spending was \$343.5 billion, 0.6 percent (± 1.6 percent)* below the revised March estimate of \$345.6 billion. Educational construction was at a seasonally adjusted annual rate of \$84.8 billion, 0.5 percent (± 1.8 percent)* below the revised March estimate of \$85.2 billion. Highway construction was at a seasonally adjusted annual rate of \$99.8 billion, 0.6 percent (± 5.6 percent)* above the revised March estimate of \$99.2 billion.

Data Inquiries

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Notice

With the May 2021 release, unadjusted data will be revised back to January 2019 and seasonally adjusted data will be revised back to January 2014. With each May release, seasonally adjusted data will now be revised for an additional five years beyond the revision period for unadjusted data. Research has shown that this revision span should produce more reliable seasonally adjusted time series.

The May 2021 Monthly Construction Spending Report is scheduled for release on July 1, 2021. 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 (\pm 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, 0.94 percent; private construction, 1.14 percent; and public construction, 0.70 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 2021 ^p	Mar 2021 ^r	Feb 2021 ^r	Jan 2021	Dec 2020	Apr 2020	Percent change Apr 2021 from -	
							Mar 2021	Apr 2020
Total Construction	1,524,183	1,521,014	1,506,639	1,518,707	1,510,387	1,387,936	0.2	9.8
Residential	737,985	730,844	712,593	721,815	713,219	569,892	1.0	29.5
Nonresidential	786,198	790,170	794,046	796,892	797,169	818,044	-0.5	-3.9
Lodging	22,914	22,963	23,065	24,303	24,548	29,352	-0.2	-21.9
Office	80,179	80,156	80,004	79,907	79,669	81,204	0.0	-1.3
Commercial	82,013	81,793	81,687	78,818	80,371	83,850	0.3	-2.2
Health care	46,601	46,276	46,016	47,133	45,948	46,769	0.7	-0.4
Educational	99,743	100,309	102,353	104,800	106,049	104,552	-0.6	-4.6
Religious	2,950	3,016	3,084	3,368	3,148	2,960	-2.2	-0.3
Public safety	12,093	14,247	15,962	16,122	16,073	13,670	-15.1	-11.5
Amusement and recreation	23,988	24,388	24,422	25,248	25,014	27,352	-1.6	-12.3
Transportation	54,867	56,193	56,186	56,281	56,858	56,145	-2.4	-2.3
Communication	21,847	22,034	22,020	22,369	22,099	22,921	-0.8	-4.7
Power	114,108	115,860	115,814	115,144	116,575	121,872	-1.5	-6.4
Highway and street	100,219	99,483	100,224	102,284	101,904	102,879	0.7	-2.6
Sewage and waste disposal	26,833	26,423	26,409	26,577	27,561	26,185	1.6	2.5
Water supply	18,272	17,772	17,849	17,798	18,484	17,874	2.8	2.2
Conservation and development	7,244	7,304	7,293	7,563	7,386	8,531	-0.8	-15.1
Manufacturing	72,327	71,955	71,657	69,176	65,483	71,930	0.5	0.6
Total Private Construction¹	1,180,679	1,175,408	1,157,581	1,164,093	1,154,369	1,036,617	0.4	13.9
Residential ²	729,238	721,751	703,630	712,427	704,079	562,339	1.0	29.7
New single family	396,316	391,214	382,345	378,897	365,180	283,910	1.3	39.6
New multifamily	98,460	96,667	95,592	94,538	93,324	77,443	1.9	27.1
Nonresidential	451,441	453,656	453,951	451,666	450,291	474,278	-0.5	-4.8
Lodging	22,118	22,129	22,103	23,399	23,606	28,267	0.0	-21.8
Office	69,140	68,997	69,104	68,894	68,911	70,273	0.2	-1.6
Commercial	78,651	78,315	78,350	75,119	76,536	79,659	0.4	-1.3
Health care	36,869	36,595	36,462	37,547	36,486	37,916	0.7	-2.8
Educational	14,974	15,111	15,112	15,517	16,115	16,220	-0.9	-7.7
Religious	2,936	3,001	3,082	3,366	3,140	2,960	-2.2	-0.8
Amusement and recreation	10,373	10,660	10,799	11,255	11,163	13,581	-2.7	-23.6
Transportation	14,442	15,269	15,755	15,648	15,652	14,953	-5.4	-3.4
Communication	21,768	21,976	21,961	22,208	21,944	22,856	-0.9	-4.8
Power	106,575	108,560	108,354	108,321	109,972	114,744	-1.8	-7.1
Manufacturing	72,045	71,730	71,435	68,969	65,161	71,607	0.4	0.6
Total Public Construction³	343,504	345,606	349,058	354,615	356,018	351,318	-0.6	-2.2
Residential	8,747	9,092	8,963	9,388	9,140	7,553	-3.8	15.8
Nonresidential	334,757	336,514	340,096	345,226	346,878	343,765	-0.5	-2.6
Office	11,039	11,158	10,900	11,013	10,758	10,931	-1.1	1.0
Commercial	3,362	3,479	3,338	3,699	3,835	4,191	-3.4	-19.8
Health care	9,733	9,681	9,555	9,587	9,462	8,853	0.5	9.9
Educational	84,770	85,197	87,241	89,283	89,933	88,332	-0.5	-4.0
Public safety	11,996	14,141	15,829	15,989	15,947	13,562	-15.2	-11.5
Amusement and recreation	13,615	13,728	13,624	13,993	13,850	13,771	-0.8	-1.1
Transportation	40,425	40,924	40,432	40,633	41,205	41,192	-1.2	-1.9
Power	7,533	7,299	7,459	6,823	6,604	7,128	3.2	5.7
Highway and street	99,790	99,152	99,925	102,019	101,645	102,539	0.6	-2.7
Sewage and waste disposal	26,460	26,031	26,026	26,184	27,235	25,814	1.6	2.5
Water supply	17,654	17,295	17,244	17,196	17,727	17,495	2.1	0.9
Conservation and development	7,210	7,296	7,278	7,534	7,249	8,486	-1.2	-15.0

^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, June 1, 2021. 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 2021 ^p	Mar 2021 ^r	Feb 2021 ^r	Jan 2021	Dec 2020	Apr 2020	Year-to-date		
							Apr 2021	Apr 2020	Percent change
Total Construction	123,483	118,037	104,650	106,122	115,348	113,264	452,292	427,317	5.8
Residential	60,524	58,209	48,408	50,167	53,365	47,657	217,309	178,362	21.8
Nonresidential	62,959	59,828	56,242	55,955	61,983	65,607	234,984	248,955	-5.6
Lodging	1,946	1,912	1,815	1,877	2,012	2,483	7,549	10,086	-25.2
Office	6,609	6,378	6,068	6,008	6,350	6,687	25,063	25,839	-3.0
Commercial	6,755	6,484	6,042	5,789	6,430	6,925	25,069	26,299	-4.7
Health care	3,839	3,734	3,540	3,598	3,808	3,866	14,711	15,202	-3.2
Educational	7,787	7,301	6,995	7,104	7,581	8,209	29,188	30,960	-5.7
Religious	241	235	226	258	255	247	960	1,007	-4.7
Public safety	984	1,119	1,202	1,183	1,307	1,125	4,488	4,192	7.1
Amusement and recreation	2,001	1,895	1,778	1,813	1,987	2,275	7,487	8,703	-14.0
Transportation	4,427	4,195	3,933	3,952	4,502	4,565	16,507	16,807	-1.8
Communication	1,794	1,864	1,662	1,606	2,128	1,884	6,927	7,224	-4.1
Power	9,433	9,279	9,052	9,193	9,772	10,059	36,956	39,956	-7.5
Highway and street	7,027	5,644	4,832	4,721	6,061	7,252	22,224	23,247	-4.4
Sewage and waste disposal	2,143	1,960	1,782	1,842	2,097	2,092	7,727	7,560	2.2
Water supply	1,503	1,369	1,264	1,253	1,407	1,477	5,389	5,406	-0.3
Conservation and development	550	573	558	529	616	645	2,210	2,743	-19.4
Manufacturing	5,920	5,886	5,493	5,232	5,673	5,816	22,531	23,726	-5.0
Total Private Construction¹	97,078	93,979	82,440	83,992	90,065	86,199	357,489	330,774	8.1
Residential ²	59,802	57,511	47,779	49,527	52,649	47,023	214,618	176,038	21.9
New single family	32,382	31,036	25,892	26,718	27,436	23,286	116,029	89,054	30.3
New multifamily	8,338	7,973	7,495	7,311	7,390	6,597	31,117	26,134	19.1
Nonresidential	37,276	36,469	34,661	34,465	37,416	39,176	142,871	154,736	-7.7
Lodging	1,880	1,843	1,734	1,801	1,933	2,393	7,258	9,752	-25.6
Office	5,700	5,493	5,272	5,210	5,500	5,793	21,676	22,405	-3.3
Commercial	6,481	6,208	5,793	5,522	6,107	6,586	24,003	25,084	-4.3
Health care	3,037	2,943	2,807	2,881	3,033	3,139	11,668	12,375	-5.7
Educational	1,266	1,202	1,128	1,138	1,212	1,381	4,734	5,772	-18.0
Religious	240	234	226	257	254	247	957	1,007	-5.0
Amusement and recreation	883	866	831	846	911	1,146	3,425	4,494	-23.8
Transportation	1,178	1,123	1,125	1,190	1,335	1,247	4,617	4,755	-2.9
Communication	1,788	1,859	1,657	1,593	2,116	1,878	6,897	7,194	-4.1
Power	8,802	8,734	8,516	8,711	9,247	9,477	34,763	37,859	-8.2
Manufacturing	5,896	5,867	5,475	5,215	5,647	5,789	22,453	23,625	-5.0
Total Public Construction³	26,405	24,057	22,210	22,130	25,284	27,065	94,803	96,543	-1.8
Residential	723	698	630	640	716	634	2,690	2,324	15.7
Nonresidential	25,683	23,359	21,581	21,490	24,567	26,431	92,113	94,219	-2.2
Office	909	884	796	798	850	893	3,388	3,434	-1.3
Commercial	274	276	250	266	323	339	1,066	1,215	-12.3
Health care	802	792	733	717	775	726	3,044	2,827	7.7
Educational	6,521	6,099	5,867	5,966	6,369	6,828	24,454	25,188	-2.9
Public safety	976	1,111	1,191	1,171	1,297	1,116	4,449	4,150	7.2
Amusement and recreation	1,118	1,029	948	967	1,077	1,129	4,062	4,210	-3.5
Transportation	3,249	3,072	2,808	2,761	3,167	3,318	11,890	12,053	-1.4
Power	631	545	536	482	524	582	2,193	2,097	4.6
Highway and street	6,992	5,618	4,813	4,705	6,043	7,225	22,128	23,133	-4.3
Sewage and waste disposal	2,114	1,931	1,755	1,814	2,070	2,063	7,614	7,439	2.4
Water supply	1,452	1,336	1,224	1,209	1,350	1,446	5,221	5,288	-1.3
Conservation and development	548	572	556	527	604	641	2,202	2,721	-19.1

^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.

Source: U.S. Census Bureau, Construction Spending, June 1, 2021.

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	0.7
Residential	4.8	11.5	12.7	7.9	12.5
Nonresidential	0.7	0.5	0.6	0.5	0.7
Lodging	2.2	2.7	2.0	1.7	2.1
Office	1.5	1.8	1.6	1.2	1.6
Commercial	1.4	1.1	1.4	0.9	1.8
Health care	1.7	1.7	2.0	0.8	2.1
Educational	1.7	1.5	1.8	1.0	1.9
Religious	6.0	4.2	4.9	5.0	5.3
Public safety	2.4	2.4	2.4	1.5	2.1
Amusement and recreation	2.7	2.4	2.2	1.9	2.3
Transportation	1.1	0.8	1.0	0.8	1.1
Communication	NA	NA	NA	NA	NA
Power	0.2	0.2	0.3	0.2	0.3
Highway and street	2.8	1.9	2.7	3.4	3.9
Sewage and waste disposal	2.8	2.0	3.6	2.1	4.8
Water supply	3.7	3.2	4.2	3.0	4.4
Conservation and development	2.0	1.9	1.9	2.2	2.4
Manufacturing	1.4	1.4	1.0	0.7	1.5
Total Private Construction	0.6	0.6	0.6	0.4	0.7
Residential	5.0	1.1	1.3	0.8	1.4
New single family	7.0	7.7	2.8	0.7	3.4
New multifamily	5.5	5.7	3.2	1.5	3.6
Nonresidential	0.6	0.6	0.6	0.4	0.7
Lodging	2.3	2.8	2.0	1.8	2.1
Office	1.7	2.1	1.8	1.3	1.7
Commercial	1.4	1.1	1.4	0.9	1.8
Health care	2.2	2.1	2.4	1.0	2.4
Educational	2.7	2.9	2.4	1.9	3.0
Religious	6.0	4.2	4.9	5.0	5.3
Amusement and recreation	3.5	3.0	2.5	1.8	2.8
Transportation	1.8	1.9	1.3	1.2	1.8
Communication	NA	NA	NA	NA	NA
Power	0.1	0.1	0.1	0.1	0.1
Manufacturing	1.4	1.4	1.0	0.7	1.6
Total Public Construction	1.1	0.8	1.1	1.0	1.3
Residential	4.8	11.5	12.7	7.9	12.5
Nonresidential	1.1	0.8	1.1	1.0	1.3
Office	2.7	2.0	2.5	2.5	2.7
Commercial	5.4	5.5	9.1	2.7	10.1
Health care	2.0	2.3	2.7	1.0	3.4
Educational	1.9	1.7	2.2	1.1	2.2
Public safety	2.4	2.5	2.4	1.6	2.1
Amusement and recreation	3.8	3.6	3.6	3.1	3.7
Transportation	1.2	0.8	1.1	1.0	1.3
Power	6.0	7.1	7.6	5.2	7.3
Highway and street	2.8	1.9	2.7	3.4	3.9
Sewage and waste disposal	2.8	2.1	3.7	2.1	4.8
Water supply	3.8	3.3	4.3	3.0	4.4
Conservation and development	2.1	1.9	1.9	2.1	2.4

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, June 1, 2021. Additional information on the survey methodology may be found at <www.census.gov/construction/c30/meth.html>