

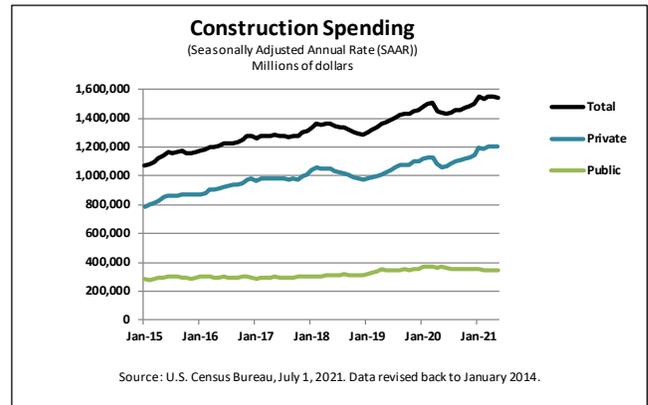
FOR RELEASE AT 10:00 AM EDT, THURSDAY, JULY 1, 2021

MONTHLY CONSTRUCTION SPENDING, MAY 2021

Release Number: CB21-104

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

CONSTRUCTION SPENDING	
MAY 2021	\$1,545.3 billion
APRIL 2021 (revised)	\$1,549.5 billion
Next release: August 2, 2021	
Seasonally Adjusted Annual Rate (SAAR) Source: U.S. Census Bureau, July 1, 2021	



Total Construction

Construction spending during May 2021 was estimated at a seasonally adjusted annual rate of \$1,545.3 billion, 0.3 percent (± 1.0 percent)* below the revised April estimate of \$1,549.5 billion. The May figure is 7.5 percent (± 1.3 percent) above the May 2020 estimate of \$1,437.7 billion. During the first five months of this year, construction spending amounted to \$594.8 billion, 4.6 percent (± 1.0 percent) above the \$568.5 billion for the same period in 2020.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$1,203.3 billion, 0.3 percent (± 0.8 percent)* below the revised April estimate of \$1,206.8 billion. Residential construction was at a seasonally adjusted annual rate of \$751.7 billion in May, 0.2 percent (± 1.3 percent)* above the revised April estimate of \$750.3 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$451.6 billion in May, 1.1 percent (± 0.8 percent) below the revised April estimate of \$456.5 billion.

Public Construction

In May, the estimated seasonally adjusted annual rate of public construction spending was \$342.0 billion, 0.2 percent (± 1.8 percent)* below the revised April estimate of \$342.7 billion. Educational construction was at a seasonally adjusted annual rate of \$82.0 billion, 1.9 percent (± 1.8 percent) below the revised April estimate of \$83.6 billion. Highway construction was at a seasonally adjusted annual rate of \$98.6 billion, 1.4 percent (± 6.1 percent)* above the revised April estimate of \$97.2 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 2019 and seasonally adjusted data back to January 2014. All revised estimates are available on our website.

The June 2021 Monthly Construction Spending Report is scheduled for release on August 2, 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	May 2021 ^P	Apr 2021 ^r	Mar 2021 ^r	Feb 2021 ^r	Jan 2021 ^r	May 2020 ^r	Percent change May 2021 from -	
							Apr 2021	May 2020
Total Construction	1,545,272	1,549,488	1,548,555	1,533,252	1,549,793	1,437,721	-0.3	7.5
Residential	760,730	759,110	754,139	738,283	740,755	593,204	0.2	28.2
Nonresidential	784,542	790,379	794,416	794,969	809,038	844,517	-0.7	-7.1
Lodging	22,596	23,282	23,161	23,067	23,845	29,469	-2.9	-23.3
Office	80,813	80,844	80,700	79,397	82,472	88,289	0.0	-8.5
Commercial	85,440	85,997	85,722	84,028	84,047	88,208	-0.6	-3.1
Health care	46,979	47,299	46,733	46,283	48,731	47,675	-0.7	-1.5
Educational	96,948	98,972	101,305	103,294	105,704	114,255	-2.0	-15.1
Religious	3,012	3,064	3,069	3,126	3,368	3,532	-1.7	-14.7
Public safety	11,801	11,694	13,834	15,581	15,797	19,547	0.9	-39.6
Amusement and recreation	25,076	25,106	25,080	24,833	25,780	27,115	-0.1	-7.5
Transportation	55,916	55,889	56,535	56,227	57,201	61,276	0.0	-8.7
Communication	21,623	21,733	22,103	21,899	22,048	22,679	-0.5	-4.7
Power	112,372	114,062	116,055	118,183	116,804	113,210	-1.5	-0.7
Highway and street	98,992	97,648	96,300	96,727	100,474	103,381	1.4	-4.2
Sewage and waste disposal	27,062	27,450	26,398	25,832	26,338	25,771	-1.4	5.0
Water supply	19,082	18,687	18,351	17,627	17,633	19,135	2.1	-0.3
Conservation and development	7,280	7,170	7,456	7,469	7,831	9,037	1.5	-19.4
Manufacturing	69,550	71,483	71,615	71,398	70,966	71,940	-2.7	-3.3
Total Private Construction¹	1,203,308	1,206,795	1,203,689	1,187,641	1,194,647	1,063,343	-0.3	13.2
Residential ²	751,747	750,253	745,016	729,266	731,248	584,171	0.2	28.7
New single family	402,271	399,176	395,989	387,785	385,680	275,397	0.8	46.1
New multifamily	99,304	99,312	97,361	94,230	96,827	79,082	0.0	25.6
Nonresidential	451,561	456,541	458,674	458,375	463,398	479,172	-1.1	-5.8
Lodging	21,810	22,473	22,329	22,093	22,941	28,409	-3.0	-23.2
Office	69,613	69,604	69,270	68,241	71,339	75,938	0.0	-8.3
Commercial	81,881	82,458	82,118	80,560	80,289	84,055	-0.7	-2.6
Health care	36,965	37,245	36,765	36,627	38,893	37,793	-0.8	-2.2
Educational	14,917	15,379	15,679	15,738	15,884	18,617	-3.0	-19.9
Religious	2,996	3,049	3,055	3,123	3,366	3,532	-1.7	-15.2
Amusement and recreation	11,255	11,253	11,393	11,413	11,748	13,491	0.0	-16.6
Transportation	15,403	14,599	15,204	15,771	15,883	16,051	5.5	-4.0
Communication	21,530	21,639	22,064	21,851	21,889	22,622	-0.5	-4.8
Power	104,316	106,046	108,024	110,341	108,995	105,579	-1.6	-1.2
Manufacturing	69,254	71,207	71,393	71,174	70,762	71,507	-2.7	-3.2
Total Public Construction³	341,964	342,694	344,866	345,611	355,146	374,378	-0.2	-8.7
Residential	8,983	8,856	9,123	9,017	9,506	9,033	1.4	-0.6
Nonresidential	332,980	333,837	335,743	336,594	345,640	365,345	-0.3	-8.9
Office	11,200	11,240	11,430	11,156	11,133	12,351	-0.4	-9.3
Commercial	3,559	3,538	3,604	3,468	3,758	4,153	0.6	-14.3
Health care	10,014	10,055	9,968	9,656	9,838	9,882	-0.4	1.3
Educational	82,032	83,594	85,627	87,556	89,821	95,638	-1.9	-14.2
Public safety	11,710	11,591	13,723	15,447	15,654	19,414	1.0	-39.7
Amusement and recreation	13,821	13,853	13,687	13,420	14,033	13,624	-0.2	1.4
Transportation	40,513	41,290	41,330	40,456	41,318	45,225	-1.9	-10.4
Power	8,056	8,016	8,031	7,842	7,809	7,631	0.5	5.6
Highway and street	98,603	97,229	95,943	96,415	100,166	102,989	1.4	-4.3
Sewage and waste disposal	26,630	27,065	26,016	25,459	25,963	25,433	-1.6	4.7
Water supply	18,415	18,044	17,829	17,017	17,078	18,492	2.1	-0.4
Conservation and development	7,237	7,130	7,447	7,455	7,802	8,962	1.5	-19.2

^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, 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	May 2021 ^p	Apr 2021 ^r	Mar 2021 ^r	Feb 2021 ^r	Jan 2021 ^r	May 2020 ^r	Year-to-date		
							May 2021	May 2020	Percent change
Total Construction	131,964	126,509	120,888	107,081	108,368	122,881	594,810	568,480	4.6
Residential	65,387	63,016	60,329	50,338	51,166	51,188	290,236	235,179	23.4
Nonresidential	66,577	63,493	60,559	56,742	57,202	71,693	304,574	333,301	-8.6
Lodging	1,910	1,970	1,939	1,818	1,858	2,506	9,495	13,068	-27.3
Office	6,865	6,677	6,473	6,044	6,230	7,498	32,289	36,740	-12.1
Commercial	7,220	7,145	6,854	6,307	6,235	7,480	33,760	36,026	-6.3
Health care	3,984	3,910	3,791	3,553	3,714	4,029	18,952	19,521	-2.9
Educational	8,281	7,784	7,449	7,077	7,178	9,747	37,768	42,367	-10.9
Religious	251	252	247	227	254	293	1,231	1,446	-14.9
Public safety	991	975	1,111	1,181	1,177	1,611	5,435	7,430	-26.9
Amusement and recreation	2,133	2,092	1,962	1,824	1,858	2,306	9,869	11,403	-13.5
Transportation	4,829	4,530	4,235	3,970	4,023	5,260	21,587	23,115	-6.6
Communication	1,761	1,792	1,865	1,645	1,585	1,823	8,649	9,006	-4.0
Power	9,318	9,264	9,164	9,242	9,383	9,425	46,371	49,800	-6.9
Highway and street	8,707	7,039	5,600	4,786	4,667	9,092	30,798	32,792	-6.1
Sewage and waste disposal	2,344	2,187	1,971	1,752	1,826	2,232	10,078	9,847	2.3
Water supply	1,697	1,554	1,403	1,250	1,244	1,705	7,147	7,315	-2.3
Conservation and development	582	539	582	565	545	733	2,814	3,471	-18.9
Manufacturing	5,705	5,783	5,913	5,503	5,427	5,952	28,330	29,953	-5.4
Total Private Construction¹	102,444	99,823	96,537	84,804	86,052	90,695	469,660	433,754	8.3
Residential ²	64,619	62,280	59,618	49,700	50,500	50,419	286,717	231,688	23.8
New single family	34,021	32,618	31,438	26,273	27,213	23,280	151,563	113,738	33.3
New multifamily	8,376	8,422	8,022	7,433	7,590	6,693	39,843	33,334	19.5
Nonresidential	37,825	37,543	36,919	35,104	35,553	40,276	182,943	202,066	-9.5
Lodging	1,844	1,903	1,870	1,737	1,783	2,418	9,136	12,629	-27.7
Office	5,893	5,731	5,560	5,230	5,432	6,432	27,847	31,900	-12.7
Commercial	6,920	6,857	6,567	6,042	5,955	7,130	32,341	34,365	-5.9
Health care	3,137	3,076	2,974	2,808	2,978	3,200	14,972	15,656	-4.4
Educational	1,336	1,304	1,246	1,177	1,171	1,674	6,234	7,844	-20.5
Religious	250	251	246	227	254	293	1,227	1,446	-15.1
Amusement and recreation	943	953	920	878	885	1,121	4,579	5,849	-21.7
Transportation	1,338	1,208	1,128	1,136	1,210	1,395	6,019	6,384	-5.7
Communication	1,753	1,785	1,862	1,641	1,571	1,818	8,613	8,984	-4.1
Power	8,585	8,585	8,554	8,644	8,807	8,739	43,174	46,612	-7.4
Manufacturing	5,680	5,760	5,894	5,484	5,410	5,916	28,229	29,803	-5.3
Total Public Construction³	29,520	26,686	24,350	22,277	22,316	32,186	125,150	134,726	-7.1
Residential	768	736	711	639	667	769	3,520	3,491	0.8
Nonresidential	28,752	25,951	23,640	21,638	21,649	31,417	121,630	131,235	-7.3
Office	972	946	912	815	798	1,066	4,442	4,840	-8.2
Commercial	300	288	287	265	280	350	1,419	1,661	-14.6
Health care	847	835	817	745	736	829	3,980	3,865	3.0
Educational	6,945	6,480	6,203	5,901	6,007	8,074	31,534	34,523	-8.7
Public safety	983	966	1,102	1,170	1,165	1,599	5,387	7,365	-26.9
Amusement and recreation	1,191	1,138	1,043	946	973	1,184	5,290	5,554	-4.8
Transportation	3,491	3,322	3,108	2,834	2,813	3,865	15,568	16,731	-7.0
Power	733	679	611	598	576	686	3,197	3,189	0.3
Highway and street	8,672	7,004	5,573	4,766	4,647	9,057	30,663	32,639	-6.1
Sewage and waste disposal	2,304	2,157	1,943	1,726	1,800	2,201	9,930	9,702	2.4
Water supply	1,638	1,500	1,368	1,206	1,206	1,649	6,917	7,112	-2.7
Conservation and development	579	536	581	564	543	727	2,802	3,443	-18.6

^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, 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	0.6	0.8
Residential	4.8	4.7	4.4	1.2	4.2
Nonresidential	0.7	0.5	0.6	0.6	0.8
Lodging	2.3	2.5	1.9	2.0	1.6
Office	1.5	1.5	1.5	1.4	1.5
Commercial	1.4	1.1	1.4	1.1	1.4
Health care	1.8	1.7	2.1	1.7	3.0
Educational	1.7	1.5	1.8	0.9	1.8
Religious	6.0	4.0	4.8	2.6	5.5
Public safety	2.3	2.5	2.3	1.6	2.3
Amusement and recreation	2.8	2.2	2.1	1.8	2.4
Transportation	1.1	1.0	1.1	0.7	1.2
Communication	NA	NA	NA	NA	NA
Power	0.2	0.4	0.4	0.2	0.4
Highway and street	2.7	2.0	2.8	3.7	4.0
Sewage and waste disposal	2.8	2.3	3.6	2.2	4.2
Water supply	3.7	2.8	3.5	3.6	4.6
Conservation and development	2.1	1.7	1.9	1.6	2.6
Manufacturing	1.3	1.2	1.0	0.9	1.8
Total Private Construction	0.6	0.6	0.6	0.5	0.7
Residential	5.0	1.1	1.3	0.8	1.4
New single family	7.2	7.9	3.1	0.8	4.4
New multifamily	5.5	5.8	3.2	1.1	3.2
Nonresidential	0.6	0.6	0.6	0.5	0.7
Lodging	2.4	2.6	1.9	2.1	1.6
Office	1.8	1.7	1.7	1.6	1.6
Commercial	1.4	1.1	1.4	1.1	1.4
Health care	2.3	2.1	2.6	2.0	3.6
Educational	2.7	2.8	2.4	1.3	2.8
Religious	6.0	4.0	4.8	2.6	5.5
Amusement and recreation	3.6	2.7	2.4	2.1	2.9
Transportation	1.9	1.8	1.3	1.0	1.5
Communication	NA	NA	NA	NA	NA
Power	0.1	0.1	0.1	0.1	0.1
Manufacturing	1.3	1.2	1.1	0.9	1.8
Total Public Construction	1.1	0.8	1.0	1.1	1.4
Residential	4.8	4.7	4.4	1.2	4.2
Nonresidential	1.1	0.8	1.1	1.1	1.4
Office	2.8	2.4	2.9	1.4	3.6
Commercial	5.6	5.9	8.8	8.0	10.4
Health care	2.0	2.2	2.7	2.3	2.8
Educational	1.9	1.7	2.1	1.1	2.1
Public safety	2.4	2.5	2.3	1.6	2.3
Amusement and recreation	3.9	3.4	3.4	2.7	3.8
Transportation	1.2	1.2	1.3	0.8	1.4
Power	6.4	10.4	10.1	5.6	9.4
Highway and street	2.7	2.0	2.8	3.7	4.0
Sewage and waste disposal	2.9	2.3	3.7	2.3	4.2
Water supply	3.8	2.8	3.5	3.7	4.5
Conservation and development	2.1	1.7	1.9	1.6	2.6

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, July 1, 2021. 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	2020 ^f	2019 ^f	Percent change	Coefficient of variation
Total Construction	1,469,153	1,391,039	5.6	0.4
Residential	638,088	553,442	15.3	3.8
Nonresidential	831,065	837,597	-0.8	0.4
Lodging	29,053	33,461	-13.2	1.5
Office	87,399	88,724	-1.5	1.2
Commercial	86,816	84,345	2.9	0.9
Health care	48,113	46,263	4.0	1.5
Educational	107,435	108,952	-1.4	1.2
Religious	3,500	3,730	-6.2	4.0
Public safety	17,878	12,012	48.8	1.7
Amusement and recreation	27,550	30,416	-9.4	1.9
Transportation	59,661	57,448	3.9	0.8
Communication	22,521	22,184	1.5	NA
Power	115,048	117,960	-2.5	0.2
Highway and street	99,888	99,402	0.5	1.4
Sewage and waste disposal	26,379	26,119	1.0	1.8
Water supply	18,727	16,397	14.2	2.7
Conservation and development	8,955	9,207	-2.7	1.3
Manufacturing	72,143	80,978	-10.9	1.7
Total Private Construction¹	1,107,920	1,046,693	5.8	0.5
Residential ²	628,897	546,554	15.1	1.1
New single family	309,388	279,962	10.5	1.0
New multifamily	85,908	82,215	4.5	5.3
Nonresidential	479,023	500,139	-4.2	0.5
Lodging	27,987	32,318	-13.4	1.5
Office	75,301	77,536	-2.9	1.4
Commercial	82,726	80,269	3.1	1.0
Health care	38,283	36,751	4.2	1.8
Educational	18,347	21,627	-15.2	2.3
Religious	3,498	3,730	-6.2	4.0
Public safety	143	240	-40.4	18.6
Amusement and recreation	13,375	15,785	-15.3	2.3
Transportation	15,869	17,183	-7.6	1.1
Communication	22,424	22,111	1.4	NA
Power	107,877	110,427	-2.3	0.1
Sewage and waste disposal	403	683	-41.0	11.3
Water supply	580	409	41.8	17.0
Manufacturing	71,791	80,537	-10.9	1.7
Total Public Construction³	361,233	344,346	4.9	0.6
Residential	9,191	6,888	33.4	3.8
Nonresidential	352,042	337,458	4.3	0.6
Office	12,098	11,188	8.1	2.5
Commercial	4,090	4,075	0.4	4.5
Health care	9,830	9,512	3.3	1.6
Educational	89,089	87,325	2.0	1.3
Public safety	17,735	11,772	50.7	1.7
Amusement and recreation	14,175	14,631	-3.1	2.9
Transportation	43,792	40,266	8.8	0.9
Power	7,171	7,533	-4.8	3.8
Highway and street	99,539	98,938	0.6	1.4
Sewage and waste disposal	25,975	25,436	2.1	1.8
Water supply	18,147	15,988	13.5	2.7
Conservation and development	8,883	9,138	-2.8	1.4

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, 2021. Additional information on the survey methodology may be found at <www.census.gov/construction/c30/meth.html>