

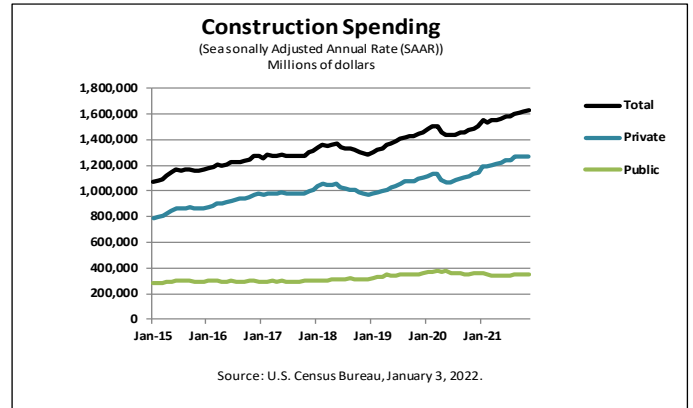
FOR RELEASE AT 10:00 AM EST, MONDAY, JANUARY 3, 2022

MONTHLY CONSTRUCTION SPENDING, NOVEMBER 2021

Release Number: CB22-01

January 3, 2022 — The U.S. Census Bureau announced the following value put in place construction statistics for November 2021:

CONSTRUCTION SPENDING	
NOVEMBER 2021	\$1,625.9 billion
OCTOBER 2021 (revised)	\$1,618.8 billion
Next release: February 1, 2022	
Seasonally Adjusted Annual Rate (SAAR)	
Source: U.S. Census Bureau, January 3, 2022	



Total Construction

Construction spending during November 2021 was estimated at a seasonally adjusted annual rate of \$1,625.9 billion, 0.4 percent (± 1.0 percent)* above the revised October estimate of \$1,618.8 billion. The November figure is 9.3 percent (± 1.2 percent) above the November 2020 estimate of \$1,487.2 billion. During the first eleven months of this year, construction spending amounted to \$1,463.2 billion, 7.9 percent (± 1.0 percent) above the \$1,355.6 billion for the same period in 2020.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$1,273.6 billion, 0.6 percent (± 0.7 percent)* above the revised October estimate of \$1,265.8 billion. Residential construction was at a seasonally adjusted annual rate of \$796.3 billion in November, 0.9 percent (± 1.3 percent)* above the revised October estimate of \$789.1 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$477.3 billion in November, 0.1 percent (± 0.7 percent)* above the revised October estimate of \$476.6 billion.

Public Construction

In November, the estimated seasonally adjusted annual rate of public construction spending was \$352.3 billion, 0.2 percent (± 1.6 percent)* below the revised October estimate of \$353.0 billion. Educational construction was at a seasonally adjusted annual rate of \$82.3 billion, 0.3 percent (± 1.8 percent)* above the revised October estimate of \$82.1 billion. Highway construction was at a seasonally adjusted annual rate of \$102.2 billion, 0.8 percent (± 4.1 percent)* below the revised October estimate of \$103.0 billion.

Data Inquiries

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The December 2021 Monthly Construction Spending Report is scheduled for release on February 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, 0.94 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	Nov 2021 ^P	Oct 2021 ^r	Sep 2021 ^r	Aug 2021	Jul 2021	Nov 2020	Percent change Nov 2021 from -	
							Oct 2021	Nov 2020
Total Construction	1,625,882	1,618,765	1,612,279	1,596,816	1,581,128	1,487,171	0.4	9.3
Residential	805,300	798,396	800,118	789,620	785,032	693,765	0.9	16.1
Nonresidential	820,583	820,369	812,161	807,196	796,096	793,406	0.0	3.4
Lodging	17,477	17,280	17,374	18,291	19,009	25,749	1.1	-32.1
Office	83,297	83,274	82,753	82,921	81,426	80,653	0.0	3.3
Commercial	94,184	94,146	94,135	93,155	90,921	82,812	0.0	13.7
Health care	50,011	50,627	50,023	49,842	49,839	46,733	-1.2	7.0
Educational	98,546	98,412	98,284	95,643	93,814	105,017	0.1	-6.2
Religious	3,068	3,070	2,855	2,863	2,971	3,481	-0.1	-11.9
Public safety	10,754	10,662	10,552	11,476	11,429	15,898	0.9	-32.4
Amusement and recreation	25,747	25,820	24,998	24,924	24,558	25,892	-0.3	-0.6
Transportation	57,825	57,397	56,106	55,862	56,129	57,476	0.7	0.6
Communication	21,969	21,881	21,660	21,678	21,608	21,684	0.4	1.3
Power	115,662	115,371	114,418	114,067	115,498	104,888	0.3	10.3
Highway and street	102,564	103,424	101,682	101,686	98,830	102,151	-0.8	0.4
Sewage and waste disposal	28,301	28,329	28,441	28,662	28,012	26,435	-0.1	7.1
Water supply	19,769	19,841	19,775	19,659	19,151	17,968	-0.4	10.0
Conservation and development	7,712	7,923	6,966	7,388	7,829	8,321	-2.7	-7.3
Manufacturing	83,697	82,914	82,140	79,079	75,073	68,249	0.9	22.6
Total Private Construction¹	1,273,607	1,265,756	1,264,657	1,249,637	1,239,336	1,131,787	0.6	12.5
Residential ²	796,308	789,144	791,074	780,511	775,917	684,497	0.9	16.3
New single family	421,048	416,001	417,883	416,240	417,348	352,676	1.2	19.4
New multifamily	99,999	100,340	100,327	100,132	100,398	91,228	-0.3	9.6
Nonresidential	477,299	476,612	473,583	469,126	463,419	447,290	0.1	6.7
Lodging	17,130	16,899	16,929	17,621	18,263	24,709	1.4	-30.7
Office	71,510	71,516	71,254	71,685	70,020	69,466	0.0	2.9
Commercial	90,631	90,704	90,738	89,621	87,295	78,715	-0.1	15.1
Health care	39,026	39,505	39,215	38,926	39,561	37,085	-1.2	5.2
Educational	16,209	16,309	16,214	15,492	15,136	17,106	-0.6	-5.2
Religious	3,063	3,065	2,850	2,858	2,966	3,470	-0.1	-11.7
Amusement and recreation	12,171	12,469	11,984	11,965	11,667	12,378	-2.4	-1.7
Transportation	15,361	14,712	14,602	14,751	15,088	15,313	4.4	0.3
Communication	21,872	21,807	21,562	21,557	21,511	21,556	0.3	1.5
Power	105,481	105,325	104,908	104,329	105,605	98,103	0.1	7.5
Manufacturing	83,218	82,483	81,625	78,579	74,583	67,988	0.9	22.4
Total Public Construction³	352,275	353,009	347,622	347,179	341,792	355,385	-0.2	-0.9
Residential	8,991	9,252	9,044	9,109	9,115	9,268	-2.8	-3.0
Nonresidential	343,284	343,757	338,578	338,070	332,677	346,116	-0.1	-0.8
Office	11,787	11,759	11,499	11,236	11,406	11,187	0.2	5.4
Commercial	3,553	3,441	3,398	3,534	3,627	4,097	3.3	-13.3
Health care	10,984	11,123	10,808	10,917	10,278	9,648	-1.2	13.8
Educational	82,337	82,103	82,070	80,152	78,678	87,911	0.3	-6.3
Public safety	10,642	10,541	10,445	11,329	11,279	15,754	1.0	-32.4
Amusement and recreation	13,577	13,351	13,013	12,959	12,892	13,515	1.7	0.5
Transportation	42,464	42,685	41,504	41,112	41,041	42,164	-0.5	0.7
Power	10,181	10,046	9,510	9,739	9,893	6,785	1.3	50.1
Highway and street	102,152	103,027	101,270	101,240	98,346	101,904	-0.8	0.2
Sewage and waste disposal	27,866	27,786	28,005	28,194	27,602	26,069	0.3	6.9
Water supply	19,185	19,179	19,140	19,104	18,562	17,350	0.0	10.6
Conservation and development	7,628	7,825	6,853	7,259	7,738	8,294	-2.5	-8.0

^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, January 3, 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	Nov 2021 ^p	Oct 2021 ^r	Sep 2021 ^r	Aug 2021	Jul 2021	Nov 2020	Year-to-date		
							Nov 2021	Nov 2020	Percent change
Total Construction	136,498	143,756	147,445	149,196	145,239	124,806	1,463,155	1,355,598	7.9
Residential	67,808	70,920	72,853	74,613	72,677	58,779	722,693	585,764	23.4
Nonresidential	68,690	72,836	74,592	74,583	72,562	66,027	740,463	769,834	-3.8
Lodging	1,476	1,461	1,446	1,525	1,579	2,166	18,290	27,102	-32.5
Office	6,988	7,305	7,354	7,280	7,031	6,770	75,354	81,065	-7.0
Commercial	7,929	8,403	8,405	8,263	7,862	6,971	82,827	80,340	3.1
Health care	4,217	4,415	4,438	4,298	4,269	3,921	44,875	44,312	1.3
Educational	7,566	8,120	8,760	9,655	9,642	8,053	91,007	99,947	-8.9
Religious	262	270	252	253	254	290	2,792	3,226	-13.5
Public safety	908	908	985	1,000	951	1,324	11,154	16,625	-32.9
Amusement and recreation	2,157	2,280	2,277	2,244	2,144	2,170	23,151	25,514	-9.3
Transportation	4,977	5,123	5,122	5,089	5,009	4,956	51,995	54,997	-5.5
Communication	1,974	1,837	1,875	1,820	1,795	1,923	19,710	20,418	-7.5
Power	10,051	10,082	9,785	9,744	9,748	9,194	105,456	105,951	-0.5
Highway and street	8,469	10,338	11,463	11,414	10,983	8,192	93,729	93,920	-0.2
Sewage and waste disposal	2,452	2,663	2,655	2,665	2,511	2,278	25,601	24,360	5.1
Water supply	1,640	1,764	1,792	1,789	1,730	1,478	17,581	17,383	1.1
Conservation and development	649	682	729	701	679	698	6,906	8,288	-16.7
Manufacturing	6,976	7,188	7,254	6,844	6,376	5,646	70,036	66,389	5.5
Total Private Construction¹	107,605	111,753	113,373	114,432	111,464	95,990	1,141,471	1,019,479	12.0
Residential ²	67,044	70,119	72,018	73,793	71,871	58,006	714,317	577,292	23.7
New single family	36,938	37,689	38,546	38,460	37,923	30,975	377,555	281,382	34.2
New multifamily	8,401	8,608	8,621	8,681	8,447	7,606	91,217	78,619	16.0
Nonresidential	40,560	41,634	41,355	40,639	39,593	37,984	427,154	442,186	-3.4
Lodging	1,447	1,429	1,409	1,469	1,517	2,079	17,652	26,114	-32.4
Office	6,006	6,308	6,309	6,267	6,042	5,838	64,878	69,828	-7.1
Commercial	7,623	8,108	8,086	7,949	7,557	6,621	79,558	76,581	3.9
Health care	3,303	3,461	3,453	3,344	3,383	3,127	35,342	35,278	0.2
Educational	1,288	1,342	1,354	1,414	1,401	1,338	14,384	17,088	-15.8
Religious	262	269	251	253	254	289	2,786	3,224	-13.6
Amusement and recreation	1,016	1,063	1,061	1,054	1,000	1,043	10,751	12,405	-13.3
Transportation	1,350	1,300	1,238	1,252	1,273	1,347	13,831	14,533	-4.8
Communication	1,966	1,830	1,867	1,810	1,787	1,912	19,626	20,337	-3.5
Power	9,223	9,204	8,961	8,868	8,890	8,643	97,170	99,306	-2.2
Manufacturing	6,936	7,153	7,211	6,802	6,335	5,624	69,687	66,063	5.5
Total Public Construction³	28,893	32,004	34,072	34,764	33,775	28,817	321,684	336,120	-4.3
Residential	764	802	835	820	806	773	8,376	8,472	-1.1
Nonresidential	28,129	31,202	33,237	33,944	32,969	28,043	313,308	327,648	-4.4
Office	982	997	1,045	1,013	989	932	10,476	11,237	-6.8
Commercial	306	295	319	314	304	350	3,269	3,759	-13.0
Health care	914	953	985	954	886	794	9,533	9,034	5.5
Educational	6,277	6,777	7,406	8,240	8,241	6,716	76,623	82,860	-7.5
Public safety	899	898	976	987	939	1,311	11,040	16,493	-33.1
Amusement and recreation	1,141	1,217	1,216	1,190	1,144	1,127	12,400	13,109	-5.4
Transportation	3,627	3,823	3,884	3,838	3,736	3,609	38,164	40,464	-5.7
Power	828	878	824	876	858	551	8,286	6,645	24.7
Highway and street	8,433	10,302	11,424	11,371	10,936	8,171	93,355	93,589	-0.3
Sewage and waste disposal	2,415	2,614	2,613	2,620	2,475	2,247	25,209	23,986	5.1
Water supply	1,587	1,699	1,737	1,742	1,678	1,420	17,034	16,860	1.0
Conservation and development	642	673	719	690	671	696	6,845	8,219	-16.7

^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, January 3, 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	0.4	0.6	0.6	0.7
Residential	5.6	4.8	4.1	2.9	5.0
Nonresidential	0.7	0.4	0.6	0.6	0.7
Lodging	2.6	2.0	1.4	0.7	1.6
Office	1.8	1.5	1.5	1.0	1.9
Commercial	1.3	0.7	1.2	1.1	1.5
Health care	1.7	1.1	1.6	0.9	2.3
Educational	1.8	1.3	1.7	1.0	2.0
Religious	5.3	3.1	4.0	2.5	5.5
Public safety	2.3	2.2	1.6	1.2	1.7
Amusement and recreation	2.6	1.7	1.7	1.5	2.5
Transportation	1.2	0.9	1.0	0.9	1.3
Communication	NA	NA	NA	NA	NA
Power	0.3	0.2	0.2	0.2	0.3
Highway and street	2.7	1.4	2.4	2.5	3.3
Sewage and waste disposal	2.8	1.9	2.7	2.1	4.3
Water supply	3.4	1.9	3.0	2.7	6.8
Conservation and development	2.3	1.4	1.5	1.3	1.7
Manufacturing	1.2	0.8	1.6	0.4	2.4
Total Private Construction	0.7	0.5	0.6	0.4	0.7
Residential	5.0	1.1	1.3	0.8	1.4
New single family	8.6	8.8	4.1	0.6	3.5
New multifamily	5.8	5.8	2.8	0.9	3.7
Nonresidential	0.7	0.5	0.6	0.4	0.7
Lodging	2.7	2.0	1.4	0.7	1.7
Office	2.0	1.7	1.7	1.2	2.0
Commercial	1.3	0.7	1.2	1.1	1.6
Health care	2.1	1.4	1.9	1.1	2.7
Educational	2.9	2.4	2.4	1.6	3.2
Religious	5.3	3.2	4.0	2.5	5.5
Amusement and recreation	3.4	2.5	2.3	1.8	3.1
Transportation	2.1	2.0	1.4	0.6	2.2
Communication	NA	NA	NA	NA	NA
Power	0.1	0.1	0.1	0.1	0.1
Manufacturing	1.2	0.8	1.6	0.4	2.4
Total Public Construction	1.1	0.6	0.9	1.0	1.2
Residential	5.6	4.8	4.1	2.9	5.0
Nonresidential	1.1	0.7	0.9	1.0	1.2
Office	2.7	2.2	2.9	1.8	4.8
Commercial	6.8	5.4	6.5	1.4	5.0
Health care	2.1	1.6	2.3	1.0	2.9
Educational	2.0	1.4	2.0	1.1	2.3
Public safety	2.3	2.2	1.6	1.2	1.7
Amusement and recreation	3.8	2.3	2.4	2.3	3.9
Transportation	1.3	0.9	1.2	1.1	1.5
Power	7.2	4.0	5.3	3.4	10.8
Highway and street	2.7	1.4	2.4	2.5	3.3
Sewage and waste disposal	2.8	2.0	2.7	2.1	4.4
Water supply	3.5	1.8	3.0	2.8	7.0
Conservation and development	2.3	1.4	1.5	1.3	1.7

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, January 3, 2022. Additional information on the survey methodology may be found at <www.census.gov/construction/c30/meth.html>