

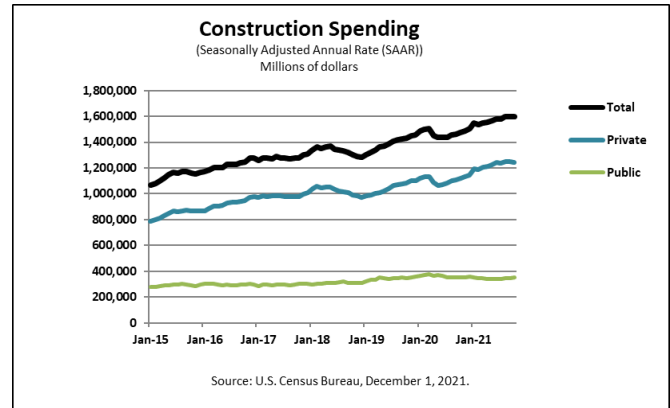
FOR RELEASE AT 10:00 AM EST, WEDNESDAY, DECEMBER 1, 2021

MONTHLY CONSTRUCTION SPENDING, OCTOBER 2021

Release Number: CB21-188

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

CONSTRUCTION SPENDING	
OCTOBER 2021	\$1,598.0 billion
SEPTEMBER 2021 (revised)	\$1,594.8 billion
Next release: January 3, 2022	
Seasonally Adjusted Annual Rate (SAAR)	
Source: U.S. Census Bureau, December 1, 2021	



Total Construction

Construction spending during October 2021 was estimated at a seasonally adjusted annual rate of \$1,598.0 billion, 0.2 percent (± 1.2 percent)* above the revised September estimate of \$1,594.8 billion. The October figure is 8.6 percent (± 1.3 percent) above the October 2020 estimate of \$1,471.7 billion. During the first ten months of this year, construction spending amounted to \$1,323.1 billion, 7.5 percent (± 1.0 percent) above the \$1,230.8 billion for the same period in 2020.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$1,245.0 billion, 0.2 percent (± 0.7 percent)* below the revised September estimate of \$1,247.9 billion. Residential construction was at a seasonally adjusted annual rate of \$774.7 billion in October, 0.5 percent (± 1.3 percent)* below the revised September estimate of \$778.6 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$470.3 billion in October, 0.2 percent (± 0.7 percent)* above the revised September estimate of \$469.4 billion.

Public Construction

In October, the estimated seasonally adjusted annual rate of public construction spending was \$353.0 billion, 1.8 percent (± 2.0 percent)* above the revised September estimate of \$346.8 billion. Educational construction was at a seasonally adjusted annual rate of \$82.2 billion, 0.2 percent (± 2.0 percent)* above the revised September estimate of \$82.0 billion. Highway construction was at a seasonally adjusted annual rate of \$102.5 billion, 2.4 percent (± 4.9 percent)* above the revised September estimate of \$100.1 billion.

Data Inquiries

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U.S. Department of Commerce
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The November 2021 Monthly Construction Spending Report is scheduled for release on January 3, 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	Oct 2021 ^p	Sep 2021 ^r	Aug 2021 ^r	Jul 2021	Jun 2021	Oct 2020	Percent change Oct 2021 from -	
							Sep 2021	Oct 2020
Total Construction	1,598,020	1,594,756	1,596,816	1,581,128	1,579,265	1,471,734	0.2	8.6
Residential	783,851	787,477	789,620	785,032	789,827	673,178	-0.5	16.4
Nonresidential	814,169	807,279	807,196	796,096	789,438	798,556	0.9	2.0
Lodging	17,840	18,161	18,291	19,009	19,344	26,999	-1.8	-33.9
Office	83,628	83,183	82,921	81,426	81,143	82,633	0.5	1.2
Commercial	93,456	93,434	93,155	90,921	89,225	83,858	0.0	11.4
Health care	50,384	49,637	49,842	49,839	48,336	47,793	1.5	5.4
Educational	98,406	98,167	95,643	93,814	94,394	101,887	0.2	-3.4
Religious	3,019	2,946	2,863	2,971	2,950	3,345	2.5	-9.7
Public safety	11,363	10,839	11,476	11,429	11,647	16,163	4.8	-29.7
Amusement and recreation	26,080	25,246	24,924	24,558	24,669	26,743	3.3	-2.5
Transportation	57,168	56,382	55,862	56,129	56,720	57,834	1.4	-1.2
Communication	21,883	21,653	21,678	21,608	21,756	22,060	1.1	-0.8
Power	112,656	113,312	114,067	115,498	113,907	106,537	-0.6	5.7
Highway and street	102,887	100,484	101,686	98,830	95,341	99,905	2.4	3.0
Sewage and waste disposal	28,546	28,443	28,662	28,012	28,055	26,145	0.4	9.2
Water supply	19,396	19,308	19,659	19,151	18,969	18,525	0.5	4.7
Conservation and development	8,031	6,939	7,388	7,829	7,876	8,112	15.7	-1.0
Manufacturing	79,427	79,148	79,079	75,073	75,106	70,018	0.4	13.4
Total Private Construction¹	1,244,971	1,247,921	1,249,637	1,239,336	1,240,715	1,120,084	-0.2	11.1
Residential ²	774,688	778,569	780,511	775,917	780,726	664,062	-0.5	16.7
New single family	412,084	415,398	416,240	417,348	412,997	334,671	-0.8	23.1
New multifamily	100,115	100,238	100,132	100,398	100,259	91,100	-0.1	9.9
Nonresidential	470,283	469,351	469,126	463,419	459,990	456,022	0.2	3.1
Lodging	17,484	17,720	17,621	18,263	18,612	25,848	-1.3	-32.4
Office	71,794	71,658	71,685	70,020	69,865	71,312	0.2	0.7
Commercial	89,822	89,926	89,621	87,295	85,655	79,852	-0.1	12.5
Health care	39,095	38,833	38,926	39,561	38,294	37,661	0.7	3.8
Educational	16,205	16,143	15,492	15,136	14,692	17,091	0.4	-5.2
Religious	3,014	2,942	2,858	2,966	2,946	3,341	2.4	-9.8
Amusement and recreation	12,758	12,038	11,965	11,667	11,339	12,696	6.0	0.5
Transportation	14,776	14,684	14,751	15,088	15,568	15,381	0.6	-3.9
Communication	21,782	21,544	21,557	21,511	21,632	21,916	1.1	-0.6
Power	102,838	103,507	104,329	105,605	105,160	99,921	-0.6	2.9
Manufacturing	78,904	78,660	78,579	74,583	74,571	69,713	0.3	13.2
Total Public Construction³	353,049	346,836	347,179	341,792	338,550	351,650	1.8	0.4
Residential	9,163	8,908	9,109	9,115	9,101	9,116	2.9	0.5
Nonresidential	343,886	337,928	338,070	332,677	329,449	342,535	1.8	0.4
Office	11,834	11,525	11,236	11,406	11,278	11,321	2.7	4.5
Commercial	3,634	3,508	3,534	3,627	3,570	4,006	3.6	-9.3
Health care	11,289	10,804	10,917	10,278	10,041	10,131	4.5	11.4
Educational	82,201	82,024	80,152	78,678	79,701	84,796	0.2	-3.1
Public safety	11,250	10,744	11,329	11,279	11,500	16,032	4.7	-29.8
Amusement and recreation	13,323	13,207	12,959	12,892	13,330	14,046	0.9	-5.1
Transportation	42,393	41,697	41,112	41,041	41,152	42,453	1.7	-0.1
Power	9,818	9,804	9,739	9,893	8,747	6,616	0.1	48.4
Highway and street	102,505	100,057	101,240	98,346	94,926	99,627	2.4	2.9
Sewage and waste disposal	27,990	27,989	28,194	27,602	27,624	25,753	0.0	8.7
Water supply	18,713	18,691	19,104	18,562	18,394	18,083	0.1	3.5
Conservation and development	7,953	6,835	7,259	7,738	7,791	8,068	16.4	-1.4

^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, December 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	Oct 2021 ^p	Sep 2021 ^r	Aug 2021 ^r	Jul 2021	Jun 2021	Oct 2020	Year-to-date		
							Oct 2021	Oct 2020	Percent change
Total Construction	141,911	145,746	149,196	145,239	143,405	130,984	1,323,114	1,230,792	7.5
Residential	69,676	71,592	74,613	72,677	71,995	59,884	652,380	526,985	23.8
Nonresidential	72,235	74,154	74,583	72,562	71,411	71,101	670,734	703,807	-4.7
Lodging	1,518	1,543	1,525	1,579	1,643	2,300	16,969	24,936	-31.9
Office	7,328	7,389	7,280	7,031	7,118	7,264	68,424	74,295	-7.9
Commercial	8,331	8,328	8,263	7,862	7,853	7,491	74,748	73,369	1.9
Health care	4,387	4,395	4,298	4,269	4,144	4,179	40,587	40,391	0.5
Educational	8,109	8,741	9,655	9,642	9,343	8,370	83,413	91,894	-9.2
Religious	264	261	253	254	253	298	2,534	2,936	-13.7
Public safety	968	1,008	1,000	951	1,016	1,348	10,329	15,301	-32.5
Amusement and recreation	2,305	2,302	2,244	2,144	2,180	2,360	21,044	23,344	-9.9
Transportation	5,115	5,149	5,089	5,009	5,036	5,225	47,037	50,041	-6.0
Communication	1,839	1,876	1,820	1,795	1,754	1,914	17,740	18,496	-4.1
Power	9,849	9,768	9,744	9,748	9,661	9,352	95,155	96,757	-1.7
Highway and street	10,285	11,282	11,414	10,983	10,005	10,150	85,027	85,728	-0.8
Sewage and waste disposal	2,681	2,652	2,665	2,511	2,550	2,443	23,164	22,082	4.9
Water supply	1,724	1,742	1,789	1,730	1,742	1,645	15,851	15,906	-0.3
Conservation and development	682	729	701	679	665	694	6,257	7,589	-17.6
Manufacturing	6,850	6,990	6,844	6,376	6,448	6,067	62,457	60,743	2.8
Total Private Construction¹	109,924	111,836	114,432	111,464	110,776	99,036	1,030,501	923,489	11.6
Residential ²	68,884	70,774	73,793	71,871	71,160	59,090	644,794	519,286	24.2
New single family	37,480	38,431	38,460	37,923	36,279	30,392	340,294	250,407	35.9
New multifamily	8,569	8,620	8,681	8,447	8,638	7,856	82,776	71,012	16.6
Nonresidential	41,040	41,062	40,639	39,593	39,615	39,946	385,707	404,203	-4.6
Lodging	1,488	1,507	1,469	1,517	1,582	2,204	16,362	24,035	-31.9
Office	6,322	6,341	6,267	6,042	6,099	6,283	58,919	63,991	-7.9
Commercial	8,015	8,000	7,949	7,557	7,540	7,145	71,756	69,960	2.6
Health care	3,419	3,412	3,344	3,383	3,278	3,310	31,955	32,151	-0.6
Educational	1,332	1,348	1,414	1,401	1,378	1,396	13,080	15,750	-17.0
Religious	264	261	253	254	253	298	2,529	2,935	-13.8
Amusement and recreation	1,090	1,063	1,054	1,000	975	1,098	9,765	11,363	-14.1
Transportation	1,314	1,248	1,252	1,273	1,376	1,378	12,506	13,185	-5.1
Communication	1,831	1,867	1,810	1,787	1,744	1,902	17,661	18,425	-4.1
Power	8,991	8,913	8,868	8,890	8,835	8,774	87,687	90,664	-3.3
Manufacturing	6,807	6,949	6,802	6,335	6,404	6,042	62,143	60,439	2.8
Total Public Construction³	31,987	33,910	34,764	33,775	32,630	31,948	292,613	307,303	-4.8
Residential	792	818	820	806	834	794	7,586	7,698	-1.5
Nonresidential	31,195	33,092	33,944	32,969	31,796	31,154	285,027	299,605	-4.9
Office	1,006	1,048	1,013	989	1,019	980	9,504	10,305	-7.8
Commercial	316	327	314	304	313	346	2,992	3,409	-12.2
Health care	968	983	954	886	866	869	8,632	8,240	4.8
Educational	6,777	7,393	8,240	8,241	7,965	6,974	70,333	76,144	-7.6
Public safety	959	1,000	987	939	1,003	1,336	10,226	15,182	-32.6
Amusement and recreation	1,215	1,240	1,190	1,144	1,205	1,263	11,279	11,981	-5.9
Transportation	3,801	3,901	3,838	3,736	3,660	3,846	34,531	36,855	-6.3
Power	858	855	876	858	826	578	7,469	6,094	22.6
Highway and street	10,251	11,242	11,371	10,936	9,962	10,124	84,688	85,418	-0.9
Sewage and waste disposal	2,631	2,609	2,620	2,475	2,509	2,409	22,806	21,739	4.9
Water supply	1,657	1,690	1,742	1,678	1,692	1,604	15,358	15,440	-0.5
Conservation and development	675	720	690	671	658	691	6,205	7,522	-17.5

^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, December 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	0.4	0.6	0.7	0.8
Residential	5.4	4.9	4.2	2.4	4.8
Nonresidential	0.7	0.4	0.6	0.7	0.8
Lodging	2.6	2.1	1.5	1.0	1.6
Office	1.7	1.5	1.6	0.8	2.0
Commercial	1.3	0.7	1.2	0.7	1.5
Health care	1.8	1.2	1.7	1.0	2.0
Educational	1.8	1.3	1.8	1.1	2.2
Religious	5.3	3.1	4.1	3.5	6.1
Public safety	2.3	2.2	1.7	1.4	1.6
Amusement and recreation	2.7	1.9	1.8	1.8	2.6
Transportation	1.2	0.9	1.0	1.1	1.6
Communication	NA	NA	NA	NA	NA
Power	0.3	0.2	0.2	0.2	0.3
Highway and street	2.7	1.5	2.5	3.0	4.1
Sewage and waste disposal	2.7	1.8	2.7	1.9	4.2
Water supply	3.5	1.8	2.9	2.4	5.9
Conservation and development	2.3	1.5	1.6	1.5	2.2
Manufacturing	1.2	0.8	1.5	0.5	2.1
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	8.4	8.8	4.2	0.7	4.5
New multifamily	5.8	5.7	3.0	1.2	4.4
Nonresidential	0.7	0.5	0.6	0.4	0.7
Lodging	2.7	2.1	1.6	1.0	1.6
Office	2.0	1.7	1.8	0.9	2.3
Commercial	1.3	0.7	1.3	0.8	1.6
Health care	2.2	1.4	2.0	1.2	2.4
Educational	2.9	2.5	2.5	1.8	3.6
Religious	5.3	3.1	4.1	3.6	6.1
Amusement and recreation	3.4	2.7	2.4	2.0	3.2
Transportation	2.0	2.0	1.3	0.6	2.3
Communication	NA	NA	NA	NA	NA
Power	0.1	0.1	0.1	0.1	0.1
Manufacturing	1.2	0.8	1.5	0.5	2.2
Total Public Construction	1.1	0.7	1.0	1.2	1.5
Residential	5.4	4.9	4.2	2.4	4.8
Nonresidential	1.1	0.7	1.0	1.2	1.5
Office	2.7	2.3	3.0	1.4	3.4
Commercial	6.9	5.8	7.0	2.9	5.6
Health care	2.1	1.6	2.4	1.3	3.1
Educational	2.0	1.5	2.1	1.2	2.5
Public safety	2.3	2.2	1.8	1.4	1.6
Amusement and recreation	3.9	2.6	2.7	2.8	3.9
Transportation	1.3	0.9	1.2	1.3	1.8
Power	7.3	4.2	5.2	2.9	11.0
Highway and street	2.7	1.5	2.5	3.0	4.1
Sewage and waste disposal	2.8	1.9	2.8	1.9	4.2
Water supply	3.5	1.8	2.9	2.3	5.9
Conservation and development	2.3	1.4	1.6	1.5	2.2

NA Not applicable

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