

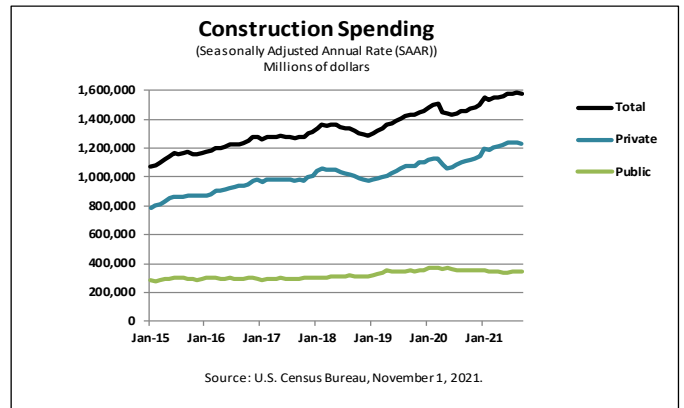
FOR RELEASE AT 10:00 AM EDT, MONDAY, NOVEMBER 1, 2021

MONTHLY CONSTRUCTION SPENDING, SEPTEMBER 2021

Release Number: CB21-174

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

CONSTRUCTION SPENDING	
SEPTEMBER 2021	\$1,573.6 billion
AUGUST 2021 (revised)	\$1,582.0 billion
Next release: December 1, 2021	
Seasonally Adjusted Annual Rate (SAAR)	
Source: U.S. Census Bureau, November 1, 2021	



Total Construction

Construction spending during September 2021 was estimated at a seasonally adjusted annual rate of \$1,573.6 billion, 0.5 percent (± 1.0 percent)* below the revised August estimate of \$1,582.0 billion. The September figure is 7.8 percent (± 1.5 percent) above the September 2020 estimate of \$1,459.3 billion. During the first nine months of this year, construction spending amounted to \$1,177.5 billion, 7.1 percent (± 1.0 percent) above the \$1,099.8 billion for the same period in 2020.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$1,229.9 billion, 0.5 percent (± 0.7 percent)* below the revised August estimate of \$1,236.1 billion. Residential construction was at a seasonally adjusted annual rate of \$773.5 billion in September, 0.4 percent (± 1.3 percent)* below the revised August estimate of \$776.8 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$456.4 billion in September, 0.6 percent (± 0.7 percent)* below the revised August estimate of \$459.3 billion.

Public Construction

In September, the estimated seasonally adjusted annual rate of public construction spending was \$343.7 billion, 0.7 percent (± 1.8 percent)* below the revised August estimate of \$345.9 billion. Educational construction was at a seasonally adjusted annual rate of \$80.7 billion, 0.9 percent (± 2.0 percent)* above the revised August estimate of \$80.0 billion. Highway construction was at a seasonally adjusted annual rate of \$99.8 billion, 0.7 percent (± 4.6 percent)* below the revised August estimate of \$100.5 billion.

Data Inquiries

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U.S. Department of Commerce
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The October 2021 Monthly Construction Spending Report is scheduled for release on December 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 (±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	Sep 2021 ^P	Aug 2021 ^r	Jul 2021 ^r	Jun 2021	May 2021	Sep 2020	Percent change Sep 2021 from -	
							Aug 2021	Sep 2020
Total Construction	1,573,610	1,582,034	1,581,128	1,579,265	1,564,153	1,459,261	-0.5	7.8
Residential	782,459	785,852	785,032	789,827	771,911	657,608	-0.4	19.0
Nonresidential	791,151	796,182	796,096	789,438	792,242	801,652	-0.6	-1.3
Lodging	18,334	18,704	19,009	19,344	19,994	27,702	-2.0	-33.8
Office	81,809	81,606	81,426	81,143	80,860	84,535	0.2	-3.2
Commercial	90,666	90,595	90,921	89,225	88,453	82,216	0.1	10.3
Health care	48,143	48,992	49,839	48,336	47,944	47,199	-1.7	2.0
Educational	95,973	95,284	93,814	94,394	97,073	103,237	0.7	-7.0
Religious	2,893	2,905	2,971	2,950	3,141	3,292	-0.4	-12.1
Public safety	10,730	11,226	11,429	11,647	11,392	17,436	-4.4	-38.5
Amusement and recreation	24,589	24,593	24,558	24,669	25,188	26,852	0.0	-8.4
Transportation	56,142	56,480	56,129	56,720	56,382	59,933	-0.6	-6.3
Communication	21,560	21,636	21,608	21,756	21,680	22,670	-0.4	-4.9
Power	112,434	113,714	115,498	113,907	112,817	109,165	-1.1	3.0
Highway and street	100,195	100,922	98,830	95,341	98,367	93,504	-0.7	7.2
Sewage and waste disposal	28,457	28,348	28,012	28,055	27,399	26,714	0.4	6.5
Water supply	19,609	19,670	19,151	18,969	18,699	18,773	-0.3	4.5
Conservation and development	6,702	7,380	7,829	7,876	7,267	8,871	-9.2	-24.5
Manufacturing	72,916	74,126	75,073	75,106	75,587	69,554	-1.6	4.8
Total Private Construction¹	1,229,915	1,236,089	1,239,336	1,240,715	1,223,061	1,107,051	-0.5	11.1
Residential ²	773,537	776,785	775,917	780,726	762,852	648,272	-0.4	19.3
New single family	412,662	415,330	417,348	412,997	404,489	316,390	-0.6	30.4
New multifamily	100,044	100,334	100,398	100,259	99,174	90,556	-0.3	10.5
Nonresidential	456,379	459,305	463,419	459,990	460,209	458,779	-0.6	-0.5
Lodging	17,911	18,039	18,263	18,612	19,189	26,661	-0.7	-32.8
Office	70,382	70,311	70,020	69,865	69,833	72,505	0.1	-2.9
Commercial	87,218	87,038	87,295	85,655	84,969	78,248	0.2	11.5
Health care	38,113	38,591	39,561	38,294	37,975	36,887	-1.2	3.3
Educational	15,229	15,236	15,136	14,692	14,770	17,330	0.0	-12.1
Religious	2,890	2,900	2,966	2,946	3,128	3,286	-0.3	-12.1
Amusement and recreation	11,580	11,601	11,667	11,339	11,535	12,550	-0.2	-7.7
Transportation	14,747	14,799	15,088	15,568	15,505	15,457	-0.4	-4.6
Communication	21,447	21,513	21,511	21,632	21,606	22,572	-0.3	-5.0
Power	102,678	103,910	105,605	105,160	104,844	102,642	-1.2	0.0
Manufacturing	72,416	73,601	74,583	74,571	75,275	69,146	-1.6	4.7
Total Public Construction³	343,695	345,945	341,792	338,550	341,092	352,210	-0.7	-2.4
Residential	8,923	9,068	9,115	9,101	9,060	9,336	-1.6	-4.4
Nonresidential	334,772	336,877	332,677	329,449	332,033	342,873	-0.6	-2.4
Office	11,427	11,296	11,406	11,278	11,027	12,030	1.2	-5.0
Commercial	3,448	3,558	3,627	3,570	3,483	3,968	-3.1	-13.1
Health care	10,030	10,400	10,278	10,041	9,969	10,312	-3.6	-2.7
Educational	80,743	80,049	78,678	79,701	82,304	85,908	0.9	-6.0
Public safety	10,589	11,069	11,279	11,500	11,305	17,313	-4.3	-38.8
Amusement and recreation	13,009	12,993	12,892	13,330	13,652	14,301	0.1	-9.0
Transportation	41,395	41,681	41,041	41,152	40,877	44,476	-0.7	-6.9
Power	9,756	9,804	9,893	8,747	7,973	6,523	-0.5	49.6
Highway and street	99,806	100,526	98,346	94,926	97,968	93,233	-0.7	7.1
Sewage and waste disposal	28,039	27,918	27,602	27,624	26,993	26,308	0.4	6.6
Water supply	18,871	19,014	18,562	18,394	18,054	18,154	-0.8	3.9
Conservation and development	6,621	7,252	7,738	7,791	7,224	8,793	-8.7	-24.7

^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.

Data are at an annual rate, adjusted for seasonality but not price changes. Source: U.S. Census Bureau, Construction Spending, November 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	Sep 2021 ^p	Aug 2021 ^r	Jul 2021 ^r	Jun 2021	May 2021	Sep 2020	Year-to-date		
							Sep 2021	Sep 2020	Percent change
Total Construction	143,642	147,622	145,239	143,405	134,298	133,088	1,177,525	1,099,808	7.1
Residential	71,034	74,028	72,677	71,995	66,778	59,570	581,560	467,101	24.5
Nonresidential	72,609	73,594	72,562	71,411	67,520	73,518	595,965	632,707	-5.8
Lodging	1,552	1,567	1,579	1,643	1,678	2,350	15,503	22,636	-31.5
Office	7,261	7,153	7,031	7,118	6,861	7,477	60,840	67,032	-9.2
Commercial	8,054	8,004	7,862	7,853	7,513	7,362	65,885	65,878	0.0
Health care	4,250	4,223	4,269	4,144	4,069	4,183	35,981	36,211	-0.6
Educational	8,530	9,633	9,642	9,343	8,358	9,144	75,070	83,524	-10.1
Religious	257	258	254	253	265	301	2,270	2,638	-13.9
Public safety	999	981	951	1,016	951	1,734	9,333	13,953	-33.1
Amusement and recreation	2,242	2,219	2,144	2,180	2,149	2,438	18,655	20,984	-11.1
Transportation	5,123	5,160	5,009	5,036	4,881	5,426	41,966	44,816	-6.4
Communication	1,876	1,820	1,795	1,754	1,767	1,933	15,901	16,582	-4.1
Power	9,682	9,714	9,748	9,661	9,316	9,379	85,190	87,405	-2.5
Highway and street	11,245	11,331	10,983	10,005	8,839	10,566	74,621	75,578	-1.3
Sewage and waste disposal	2,656	2,631	2,511	2,550	2,363	2,488	20,454	19,639	4.1
Water supply	1,777	1,794	1,730	1,742	1,670	1,697	14,166	14,261	-0.7
Conservation and development	700	698	679	665	577	934	5,545	6,895	-19.6
Manufacturing	6,405	6,409	6,376	6,448	6,263	6,106	54,588	54,676	-0.2
Total Private Construction¹	110,060	112,953	111,464	110,776	104,616	98,697	917,323	824,453	11.3
Residential ²	70,215	73,210	71,871	71,160	66,005	58,696	574,769	460,196	24.9
New single family	38,099	38,351	37,923	36,279	34,137	29,216	302,373	220,015	37.4
New multifamily	8,606	8,710	8,447	8,638	8,374	7,790	74,223	63,157	17.5
Nonresidential	39,846	39,743	39,593	39,615	38,611	40,001	342,554	364,256	-6.0
Lodging	1,517	1,512	1,517	1,582	1,611	2,263	14,928	21,831	-31.6
Office	6,220	6,130	6,042	6,099	5,911	6,398	52,338	57,707	-9.3
Commercial	7,734	7,692	7,557	7,540	7,220	6,995	63,218	62,815	0.6
Health care	3,345	3,317	3,383	3,278	3,229	3,250	28,442	28,840	-1.4
Educational	1,270	1,393	1,401	1,378	1,318	1,437	11,649	14,355	-18.9
Religious	257	257	254	253	263	300	2,265	2,638	-14.1
Amusement and recreation	1,024	1,021	1,000	975	964	1,090	8,603	10,265	-16.2
Transportation	1,255	1,256	1,273	1,376	1,363	1,325	11,202	11,807	-5.1
Communication	1,867	1,809	1,787	1,744	1,761	1,925	15,830	16,523	-4.2
Power	8,832	8,830	8,890	8,835	8,591	8,810	78,576	81,890	-4.0
Manufacturing	6,363	6,365	6,335	6,404	6,237	6,072	54,314	54,397	-0.2
Total Public Construction³	33,582	34,669	33,775	32,630	29,682	34,391	260,202	275,355	-5.5
Residential	819	818	806	834	773	874	6,792	6,904	-1.6
Nonresidential	32,763	33,851	32,969	31,796	28,909	33,517	253,411	268,450	-5.6
Office	1,041	1,023	989	1,019	951	1,079	8,502	9,324	-8.8
Commercial	320	312	304	313	292	366	2,667	3,063	-12.9
Health care	905	907	886	866	841	933	7,539	7,371	2.3
Educational	7,259	8,240	8,241	7,965	7,040	7,707	63,422	69,170	-8.3
Public safety	987	968	939	1,003	943	1,724	9,235	13,846	-33.3
Amusement and recreation	1,218	1,199	1,144	1,205	1,185	1,348	10,052	10,719	-6.2
Transportation	3,868	3,904	3,736	3,660	3,518	4,101	30,764	33,009	-6.8
Power	850	884	858	826	725	570	6,613	5,516	19.9
Highway and street	11,209	11,293	10,936	9,962	8,804	10,540	74,326	75,294	-1.3
Sewage and waste disposal	2,616	2,590	2,475	2,509	2,325	2,449	20,151	19,329	4.3
Water supply	1,711	1,735	1,678	1,692	1,612	1,644	13,715	13,836	-0.9
Conservation and development	693	688	671	658	574	927	5,501	6,832	-19.5

^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, November 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	0.6	0.9
Residential	5.3	4.8	4.2	1.6	4.3
Nonresidential	0.7	0.4	0.6	0.6	0.9
Lodging	2.6	2.1	1.6	1.4	1.4
Office	1.7	1.4	1.5	1.3	2.1
Commercial	1.3	0.8	1.3	0.7	1.6
Health care	1.8	1.2	1.7	0.9	2.3
Educational	1.8	1.4	1.8	1.0	2.1
Religious	5.3	3.2	4.2	4.4	5.5
Public safety	2.3	2.3	1.9	1.5	1.6
Amusement and recreation	2.7	2.0	1.9	1.4	2.4
Transportation	1.1	0.9	1.1	1.2	1.4
Communication	NA	NA	NA	NA	NA
Power	0.3	0.3	0.3	0.2	0.4
Highway and street	2.7	1.6	2.6	2.8	4.3
Sewage and waste disposal	2.7	1.8	2.7	2.4	3.8
Water supply	3.6	2.0	3.0	2.1	5.3
Conservation and development	2.3	2.2	2.3	3.8	2.0
Manufacturing	1.3	0.9	1.3	0.6	1.7
Total Private Construction	0.6	0.5	0.6	0.4	0.7
Residential	5.0	1.1	1.3	0.8	1.4
New single family	8.1	8.6	4.2	0.8	4.9
New multifamily	5.7	5.7	3.0	1.3	3.6
Nonresidential	0.6	0.5	0.6	0.4	0.7
Lodging	2.7	2.1	1.6	1.5	1.5
Office	1.9	1.6	1.7	1.4	2.2
Commercial	1.3	0.8	1.3	0.7	1.6
Health care	2.2	1.4	2.0	1.1	2.7
Educational	2.9	2.6	2.4	1.5	3.3
Religious	5.3	3.2	4.2	4.4	5.5
Amusement and recreation	3.4	2.8	2.5	1.9	3.2
Transportation	1.9	1.7	1.1	0.7	1.7
Communication	NA	NA	NA	NA	NA
Power	0.1	0.1	0.1	0.1	0.1
Manufacturing	1.3	0.9	1.3	0.6	1.8
Total Public Construction	1.1	0.7	1.0	1.1	1.5
Residential	5.3	4.8	4.2	1.6	4.3
Nonresidential	1.1	0.7	1.0	1.1	1.6
Office	2.6	2.3	3.1	2.8	5.3
Commercial	6.9	5.8	7.2	2.0	7.9
Health care	2.1	1.6	2.3	1.3	2.8
Educational	2.0	1.6	2.1	1.2	2.5
Public safety	2.3	2.3	1.9	1.5	1.6
Amusement and recreation	4.0	2.7	2.9	2.0	3.5
Transportation	1.3	1.0	1.3	1.3	1.6
Power	7.2	8.1	9.7	3.4	16.1
Highway and street	2.7	1.6	2.6	2.8	4.3
Sewage and waste disposal	2.7	1.9	2.8	2.4	3.9
Water supply	3.7	1.9	2.9	2.1	5.4
Conservation and development	2.3	2.2	2.3	3.8	2.0

NA Not applicable

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