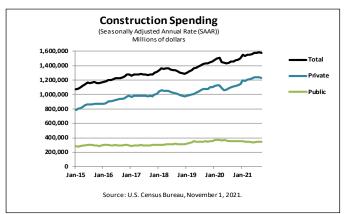
## FOR RELEASE AT 10:00 AM EDT, MONDAY, NOVEMBER 1, 2021

# **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:





### **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** 

Economic Indicator Division, Construction Expenditures Branch 301-763-1605

eid.ceb.customer.service@census.gov

Census Bureau Media Inquiries
Public Information Office
301-763-3030
pio@census.gov

The October 2021 Monthly Construction Spending Report is scheduled for release on December 1, 2021. View the full schedule in the Economic Briefing Room: <<u>www.census.gov/economic-indicators/</u>>. The full text and tables for this release can be found at <<u>www.census.gov/constructionspending/</u>>.

## **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. <a href="https://www.census.gov/developers/">www.census.gov/developers/</a>

### FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App < <a href="https://fred.stlouisfed.org/fred-mobile/">https://fred.stlouisfed.org/fred-mobile/</a> 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.

###

\* The 90 percent confidence interval includes zero. There is insufficient evidence to conclude that the actual change is different from zero.

**Data Inquiries** 

Economic Indicator Division, Construction Expenditures Branch 301-763-1605 eid.ceb.customer.service@census.gov



Media Inquiries
Public Information Office
301-763-3030
pio@census.gov

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.)

							Percent	-
							Sep 202:	
Type of Construction	Sep 2021 <sup>p</sup>	Aug 2021 <sup>r</sup>	Jul 2021 <sup>r</sup>	Jun 2021	May 2021	Sep 2020	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 Communication	56,142 21,560	56,480 21,636	56,129	56,720 21,756	56,382 21,680	59,933 22,670	-0.6 -0.4	-6.3 -4.9
Power	112,434	113,714	21,608 115,498	113,907	112,817	109,165	-0.4 -1.1	3.0
Highway and street	100,195	100,922	98,830	95,341	98,367	93,504	-1.1 -0.7	7.2
Sewage and waste disposal	28,457	28,348	28,012	28,055	27,399	26,714	0.7	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 Construction <sup>1</sup>	1,229,915	1,236,089	1,239,336	1,240,715	1,223,061	1,107,051	-0.5	11.1
Residential <sup>2</sup>	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 -0.2	-12.1 -7.7
Amusement and recreation Transportation	11,580 14,747	11,601 14,799	11,667 15,088	11,339 15,568	11,535 15,505	12,550 15,457	-0.2 -0.4	-7.7 -4.6
Communication	21,447	21,513	21,511	21,632	21,606	22,572	-0.4	-4.0 -5.0
Power	102,678	103,910	105,605	105,160	104,844	102,642	-0.3	0.0
Manufacturing	72,416	73,601	74,583	74,571	75,275	69,146	-1.6	4.7
Total Public Construction <sup>3</sup>	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 Transportation	13,009 41,395	12,993 41,681	12,892 41,041	13,330 41,152	13,652 40,877	14,301 44,476	0.1 -0.7	-9.0 -6.9
Power	9,756	41,681 9,804	9,893	41,152 8,747	40,877 7,973	6,523	-0.7 -0.5	-6.9 49.6
Highway and street	99,806	100,526	98,346	94,926	97,968	93,233	-0.5 -0.7	7.1
	33,000	100,320						
		27 918	27 602	27 62 <i>4</i> I	26 992I	26 3UX	() /1	h h
Sewage and waste disposal Water supply	28,039 18,871	27,918 19,014	27,602 18,562	27,624 18,394	26,993 18,054	26,308 18,154	0.4 -0.8	6.6 3.9

<sup>&</sup>lt;sup>p</sup> Preliminary <sup>r</sup> Revised

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>

<sup>&</sup>lt;sup>1</sup>Includes the following categories of private construction not shown separately: public safety, highway and street, sewage and waste disposal, water supply, and conservation and development.

<sup>&</sup>lt;sup>2</sup>Includes private residential improvements.

<sup>&</sup>lt;sup>3</sup>Includes the following categories of public construction not shown separately: lodging, religious, communication, and manufacturing.

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.)

								Year-to-date	
Type of Construction	Sep	Aug	Jul	Jun	May	Sep	Sep	Sep	Percent
	2021 <sup>p</sup>	2021 <sup>r</sup>	2021 <sup>r</sup>	2021	2021	2020	2021	2020	change
<b>Total Construction</b>	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			-5.8
Lodging	1,552	1,567	1,579	1,643	1,678	2,350			-31.5
Office	7,261	7,153	7,031	7,118	6,861	7,477	60,840		-9.2 0.0
Commercial Health care	8,054 4,250	8,004 4,223	7,862 4,269	7,853 4,144	7,513 4,069	7,362 4,183	65,885 35,981	65,878 36,211	-0.6
Educational	8,530	9,633	9,642	9,343	8,358	9,144			-10.1
Religious	257	258	254	253	265	301	2,270		-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			-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		16,582	-4.1
Power	9,682	9,714	9,748	9,661	9,316	9,379	85,190		-2.5
Highway and street	11,245	11,331	10,983	10,005	8,839	10,566		75,578	-1.3
Sewage and waste disposal	2,656	2,631	2,511	2,550	2,363	2,488	20,454 14,166		4.1 -0.7
Water supply Conservation and development	1,777 700	1,794 698	1,730 679	1,742 665	1,670 577	1,697 934	,	14,261 6,895	-0.7 -19.6
Manufacturing	6,405	6,409	6,376	6,448	6,263	6,106			-0.2
Total Private Construction <sup>1</sup>	110,060	112,953	111,464	110,776	104,616	98,697	917,323	824,453	11.3
Residential <sup>2</sup>	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		220,015	37.4
New multifamily	8,606	8,710	8,447	8,638	8,374	7,790			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		-31.6
Office	6,220	6,130	6,042	6,099	5,911	6,398			-9.3
Commercial	7,734	7,692	7,557	7,540	7,220	6,995	63,218		0.6
Health care Educational	3,345 1,270	3,317 1,393	3,383 1,401	3,278 1,378	3,229 1,318	3,250 1,437	28,442 11,649	28,840 14,355	-1.4 -18.9
Religious	257	257	254	253	263	300		2,638	-16.9
Amusement and recreation	1,024	1,021	1,000	975	964	1,090		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		-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 Construction <sup>3</sup>	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		-5.6
Office	1,041	1,023	989	1,019	951	1,079		9,324	-8.8
Commercial	320	312	304	313	292	366	,	3,063	-12.9
Health care	905	907	886	866	841	933			2.3
Educational Public safety	7,259 987	8,240 968	8,241 939	7,965 1,003	7,040 943	7,707 1,724			-8.3 -33.3
Amusement and recreation	1,218	1,199	1,144	1,003	1,185	1,724 1,348	,	13,846	-33.3 -6.2
Transportation	3,868	3,904	3,736	3,660	3,518	4,101	30,764		-6.8
Power	850	884	858	826	725	570		5,516	19.9
Highway and street	11,209	11,293	10,936	9,962	8,804	10,540			-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			-0.9
Conservation and development	693	688	671	658	574	927	5,501	6,832	-19.5

<sup>&</sup>lt;sup>p</sup> Preliminary <sup>r</sup> Revised

<sup>&</sup>lt;sup>1</sup>Includes the following categories of private construction not shown separately: public safety, highway and street, sewage and waste disposal, water supply, and conservation and development.

<sup>&</sup>lt;sup>2</sup>Includes private residential improvements.

<sup>&</sup>lt;sup>3</sup>Includes the following categories of public construction not shown separately: lodging, religious, communication, and manufacturing.

Table 3. Coefficients of Variation and Standard Errors by Type of Construction (Percent)

	Coefficient c	of variation	Standard error			
					Month-to-month	
Type of Construction	Monthly	Year-to-date	Year-to-date	Month-to-month	change from prev.	
	estimate	estimate	change	change	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 0.3	NA 0.3	NA 0.3	NA 0.2	NA 0.4	
Power	0.3	0.3 1.6	2.6	2.8	0.4 4.3	
Highway and street Sewage and waste disposal	2.7 2.7	1.8	2.0	2.8 2.4	3.8	
Water supply	3.6	2.0	3.0	2.4	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	
	1.5	0.5		0.0	1.,	
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 Communication	1.9 NA	1.7 NA	1.1 NA	0.7 NA	1.7 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 Conservation and development	3.7 2.3	1.9 2.2	2.9 2.3	2.1 3.8	5.4 2.0	
Conservation and development	2.3	۷.۷	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>