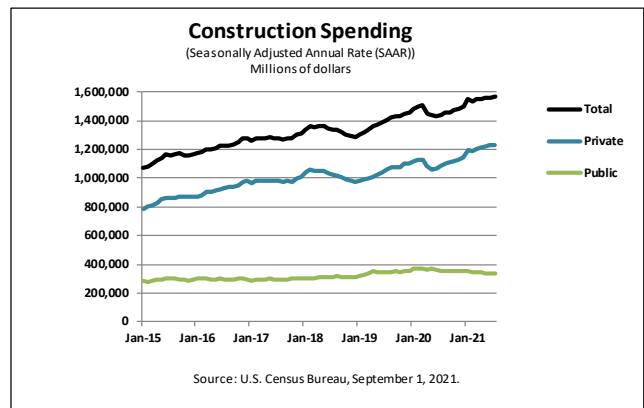


MONTHLY CONSTRUCTION SPENDING, JULY 2021

Release Number: CB21-139

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

CONSTRUCTION SPENDING	
JULY 2021	\$1,568.8 billion
JUNE 2021 (revised)	\$1,563.4 billion
Next release: October 1, 2021	
Seasonally Adjusted Annual Rate (SAAR)	
Source: U.S. Census Bureau, September 1, 2021	



Total Construction

Construction spending during July 2021 was estimated at a seasonally adjusted annual rate of \$1,568.8 billion, 0.3 percent (± 1.2 percent)* above the revised June estimate of \$1,563.4 billion. The July figure is 9.0 percent (± 1.5 percent) above the July 2020 estimate of \$1,439.6 billion. During the first seven months of this year, construction spending amounted to \$883.2 billion, 6.2 percent (± 1.0 percent) above the \$831.5 billion for the same period in 2020.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$1,231.0 billion, 0.3 percent (± 0.7 percent)* above the revised June estimate of \$1,227.8 billion. Residential construction was at a seasonally adjusted annual rate of \$773.0 billion in July, 0.5 percent (± 1.3 percent)* above the revised June estimate of \$768.9 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$458.0 billion in July, 0.2 percent (± 0.7 percent)* below the revised June estimate of \$458.9 billion.

Public Construction

In July, the estimated seasonally adjusted annual rate of public construction spending was \$337.8 billion, 0.7 percent (± 2.1 percent)* above the revised June estimate of \$335.6 billion. Educational construction was at a seasonally adjusted annual rate of \$79.7 billion, 0.5 percent (± 2.3 percent)* below the revised June estimate of \$80.1 billion. Highway construction was at a seasonally adjusted annual rate of \$94.5 billion, 1.9 percent (± 6.4 percent)* above the revised June estimate of \$92.7 billion.

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

The August 2021 Monthly Construction Spending Report is scheduled for release on October 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.

###

* 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



U.S. Department of Commerce
U.S. CENSUS BUREAU
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.)

Type of Construction	Jul 2021 ^P	Jun 2021 ^r	May 2021 ^r	Apr 2021	Mar 2021	Jul 2020	Percent change Jul 2021 from -	
							Jun 2021	Jul 2020
Total Construction	1,568,834	1,563,463	1,564,153	1,553,547	1,548,555	1,439,617	0.3	9.0
Residential	782,127	777,929	771,911	761,588	754,139	618,162	0.5	26.5
Nonresidential	786,706	785,534	792,242	791,959	794,416	821,455	0.1	-4.2
Lodging	19,862	19,874	19,994	22,069	23,161	28,364	-0.1	-30.0
Office	81,059	81,113	80,860	80,739	80,700	87,169	-0.1	-7.0
Commercial	88,370	88,331	88,453	86,698	85,722	85,452	0.0	3.4
Health care	48,017	48,036	47,944	47,837	46,733	48,828	0.0	-1.7
Educational	94,485	94,784	97,073	99,580	101,305	103,494	-0.3	-8.7
Religious	3,033	3,001	3,141	3,106	3,069	3,317	1.1	-8.6
Public safety	11,723	11,639	11,392	11,592	13,834	19,066	0.7	-38.5
Amusement and recreation	24,856	24,796	25,188	24,908	25,080	27,110	0.2	-8.3
Transportation	56,752	56,773	56,382	55,869	56,535	59,292	0.0	-4.3
Communication	21,552	21,713	21,680	21,752	22,103	22,839	-0.7	-5.6
Power	112,805	113,382	112,817	114,344	116,055	111,776	-0.5	0.9
Highway and street	94,877	93,080	98,367	97,674	96,300	94,909	1.9	0.0
Sewage and waste disposal	27,802	27,679	27,399	27,620	26,398	27,221	0.4	2.1
Water supply	19,077	18,916	18,699	18,815	18,351	19,434	0.9	-1.8
Conservation and development	7,862	7,752	7,267	7,111	7,456	10,015	1.4	-21.5
Manufacturing	74,574	74,666	75,587	72,247	71,615	73,171	-0.1	1.9
Total Private Construction¹	1,231,001	1,227,819	1,223,061	1,209,782	1,203,689	1,083,637	0.3	13.6
Residential ²	772,963	768,864	762,852	752,819	745,016	608,617	0.5	27.0
New single family	416,266	412,737	404,489	400,562	395,989	283,050	0.9	47.1
New multifamily	98,777	98,823	99,174	99,150	97,361	85,992	0.0	14.9
Nonresidential	458,038	458,955	460,209	456,963	458,674	475,021	-0.2	-3.6
Lodging	19,127	19,144	19,189	21,252	22,329	27,239	-0.1	-29.8
Office	69,758	69,826	69,833	69,427	69,270	74,317	-0.1	-6.1
Commercial	84,950	84,966	84,969	83,115	82,118	81,186	0.0	4.6
Health care	37,968	37,908	37,975	37,773	36,765	38,900	0.2	-2.4
Educational	14,788	14,721	14,770	15,325	15,679	18,391	0.5	-19.6
Religious	3,029	2,998	3,128	3,099	3,055	3,317	1.0	-8.7
Amusement and recreation	11,463	11,282	11,535	11,042	11,393	12,963	1.6	-11.6
Transportation	15,429	15,583	15,505	14,528	15,204	16,149	-1.0	-4.5
Communication	21,468	21,601	21,606	21,675	22,064	22,740	-0.6	-5.6
Power	104,384	105,147	104,844	106,289	108,024	105,287	-0.7	-0.9
Manufacturing	74,152	74,173	75,275	71,976	71,393	72,830	0.0	1.8
Total Public Construction³	337,833	335,644	341,092	343,765	344,866	355,979	0.7	-5.1
Residential	9,165	9,065	9,060	8,768	9,123	9,545	1.1	-4.0
Nonresidential	328,669	326,579	332,033	334,996	335,743	346,434	0.6	-5.1
Office	11,301	11,287	11,027	11,312	11,430	12,851	0.1	-12.1
Commercial	3,421	3,365	3,483	3,583	3,604	4,265	1.7	-19.8
Health care	10,048	10,128	9,969	10,064	9,968	9,929	-0.8	1.2
Educational	79,697	80,063	82,304	84,254	85,627	85,103	-0.5	-6.4
Public safety	11,590	11,495	11,305	11,482	13,723	18,942	0.8	-38.8
Amusement and recreation	13,393	13,514	13,652	13,866	13,687	14,147	-0.9	-5.3
Transportation	41,323	41,189	40,877	41,342	41,330	43,143	0.3	-4.2
Power	8,421	8,235	7,973	8,055	8,031	6,490	2.3	29.8
Highway and street	94,472	92,693	97,968	97,293	95,943	94,590	1.9	-0.1
Sewage and waste disposal	27,512	27,282	26,993	27,269	26,016	26,757	0.8	2.8
Water supply	18,436	18,302	18,054	18,231	17,829	18,768	0.7	-1.8
Conservation and development	7,808	7,687	7,224	7,072	7,447	9,884	1.6	-21.0

^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, September 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	Jul 2021 ^p	Jun 2021 ^r	May 2021 ^r	Apr 2021	Mar 2021	Jul 2020	Year-to-date		
							Jul 2021	Jul 2020	Percent change
Total Construction	144,046	141,545	134,298	126,982	120,888	132,767	883,208	831,531	6.2
Residential	72,584	70,680	66,778	63,216	60,329	57,445	435,091	347,241	25.3
Nonresidential	71,462	70,865	67,520	63,766	60,559	75,322	448,117	484,290	-7.5
Lodging	1,667	1,685	1,678	1,867	1,939	2,395	12,513	17,949	-30.3
Office	6,982	7,103	6,861	6,669	6,473	7,524	46,362	52,079	-11.0
Commercial	7,600	7,755	7,513	7,204	6,854	7,401	49,466	51,201	-3.4
Health care	4,089	4,109	4,069	3,967	3,791	4,181	27,291	27,915	-2.2
Educational	9,696	9,373	8,358	7,861	7,449	10,818	56,992	63,964	-10.9
Religious	257	257	265	256	247	283	1,763	2,034	-13.3
Public safety	970	1,014	951	968	1,111	1,620	7,371	10,702	-31.1
Amusement and recreation	2,170	2,192	2,149	2,077	1,962	2,392	14,231	16,137	-11.8
Transportation	5,052	5,041	4,881	4,530	4,235	5,300	31,731	33,761	-6.0
Communication	1,793	1,753	1,767	1,793	1,865	1,895	12,202	12,757	-4.4
Power	9,468	9,584	9,316	9,279	9,164	9,336	65,436	68,649	-4.7
Highway and street	10,502	9,721	8,839	7,166	5,600	10,872	51,280	54,167	-5.3
Sewage and waste disposal	2,500	2,504	2,363	2,195	1,971	2,445	15,110	14,736	2.5
Water supply	1,723	1,728	1,670	1,558	1,403	1,755	10,575	10,838	-2.4
Conservation and development	673	645	577	533	582	845	4,119	5,082	-18.9
Manufacturing	6,323	6,402	6,263	5,844	5,913	6,260	41,675	42,320	-1.5
Total Private Construction¹	110,794	109,297	104,616	100,060	96,537	97,207	692,161	626,092	10.6
Residential ²	71,775	69,853	66,005	62,490	59,618	56,593	429,939	342,048	25.7
New single family	37,737	36,211	34,137	32,661	31,438	25,678	225,669	163,214	38.3
New multifamily	8,308	8,508	8,374	8,403	8,022	7,270	56,638	47,742	18.6
Nonresidential	39,020	39,444	38,611	37,571	36,919	40,614	262,222	284,044	-7.7
Lodging	1,606	1,625	1,611	1,799	1,870	2,302	12,030	17,323	-30.6
Office	6,003	6,083	5,911	5,715	5,560	6,406	39,933	44,952	-11.2
Commercial	7,319	7,461	7,220	6,910	6,567	7,048	47,475	48,854	-2.8
Health care	3,225	3,232	3,229	3,131	2,974	3,319	21,576	22,333	-3.4
Educational	1,365	1,379	1,318	1,296	1,246	1,711	8,951	11,302	-20.8
Religious	257	257	263	255	246	283	1,759	2,034	-13.5
Amusement and recreation	984	971	964	936	920	1,131	6,539	8,072	-19.0
Transportation	1,303	1,374	1,363	1,206	1,128	1,362	8,720	9,161	-4.8
Communication	1,786	1,744	1,761	1,787	1,862	1,886	12,153	12,716	-4.4
Power	8,747	8,809	8,591	8,594	8,554	8,782	60,746	64,286	-5.5
Manufacturing	6,287	6,361	6,237	5,822	5,894	6,232	41,496	42,107	-1.5
Total Public Construction³	33,252	32,248	29,682	26,921	24,350	35,560	191,047	205,439	-7.0
Residential	809	827	773	726	711	852	5,151	5,193	-0.8
Nonresidential	32,443	31,421	28,909	26,195	23,640	34,708	185,895	200,246	-7.2
Office	979	1,020	951	954	912	1,118	6,428	7,126	-9.8
Commercial	280	293	292	293	287	353	1,991	2,347	-15.2
Health care	864	877	841	836	817	861	5,716	5,581	2.4
Educational	8,331	7,994	7,040	6,566	6,203	9,108	48,041	52,662	-8.8
Public safety	959	1,001	943	958	1,102	1,610	7,299	10,615	-31.2
Amusement and recreation	1,185	1,221	1,185	1,140	1,043	1,261	7,692	8,065	-4.6
Transportation	3,748	3,667	3,518	3,323	3,108	3,938	23,011	24,601	-6.5
Power	721	775	725	685	611	554	4,690	4,363	7.5
Highway and street	10,464	9,682	8,804	7,135	5,573	10,842	51,072	53,943	-5.3
Sewage and waste disposal	2,476	2,466	2,325	2,168	1,943	2,405	14,903	14,507	2.7
Water supply	1,665	1,674	1,612	1,509	1,368	1,695	10,239	10,521	-2.7
Conservation and development	668	639	574	530	581	834	4,098	5,034	-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, September 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	0.7	0.9
Residential	5.0	4.9	4.3	2.3	4.8
Nonresidential	0.7	0.5	0.6	0.7	0.9
Lodging	2.5	2.3	1.7	1.7	1.6
Office	1.6	1.3	1.4	0.8	1.6
Commercial	1.3	0.9	1.3	0.9	1.4
Health care	1.8	1.3	1.8	1.4	2.3
Educational	1.8	1.4	1.8	1.2	2.2
Religious	5.6	3.8	4.5	4.0	6.2
Public safety	2.3	2.3	2.0	1.7	1.7
Amusement and recreation	2.7	2.3	2.2	1.9	2.5
Transportation	1.1	0.8	1.0	0.8	1.5
Communication	NA	NA	NA	NA	NA
Power	0.3	0.3	0.3	0.2	0.3
Highway and street	2.7	1.8	2.6	3.9	4.3
Sewage and waste disposal	2.8	1.9	3.2	2.4	3.7
Water supply	3.7	2.3	3.1	2.9	4.8
Conservation and development	2.1	1.5	1.8	1.5	2.3
Manufacturing	1.3	1.0	1.3	0.4	2.1
Total Private Construction	0.6	0.5	0.6	0.4	0.6
Residential	5.0	1.1	1.3	0.8	1.4
New single family	7.7	8.3	3.8	0.7	5.9
New multifamily	5.6	5.9	3.0	0.7	3.0
Nonresidential	0.6	0.5	0.6	0.4	0.6
Lodging	2.5	2.3	1.8	1.7	1.6
Office	1.9	1.5	1.5	0.9	1.8
Commercial	1.3	0.9	1.4	0.9	1.4
Health care	2.2	1.6	2.1	1.7	2.6
Educational	2.8	2.7	2.5	1.3	2.9
Religious	5.6	3.8	4.5	4.0	6.2
Amusement and recreation	3.3	2.8	2.5	2.3	3.2
Transportation	1.9	1.6	1.2	0.5	1.4
Communication	NA	NA	NA	NA	NA
Power	0.1	0.1	0.1	0.1	0.1
Manufacturing	1.4	1.0	1.3	0.4	2.1
Total Public Construction	1.1	0.7	1.0	1.3	1.6
Residential	5.0	4.9	4.3	2.3	4.8
Nonresidential	1.1	0.8	1.0	1.4	1.7
Office	2.8	2.5	3.1	1.7	4.5
Commercial	6.4	5.9	7.7	2.8	9.4
Health care	2.0	1.7	2.4	2.2	3.4
Educational	2.0	1.6	2.1	1.4	2.6
Public safety	2.3	2.4	2.0	1.7	1.7
Amusement and recreation	4.1	3.4	3.6	2.8	3.8
Transportation	1.2	0.9	1.2	0.9	1.8
Power	6.9	8.4	8.7	3.9	10.7
Highway and street	2.7	1.8	2.6	3.9	4.3
Sewage and waste disposal	2.8	1.9	3.2	2.4	3.8
Water supply	3.7	2.3	3.0	3.0	4.8
Conservation and development	2.1	1.5	1.8	1.6	2.3

NA Not applicable

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