# FOR RELEASE AT 10:00 AM EDT, MONDAY, AUGUST 3, 2020

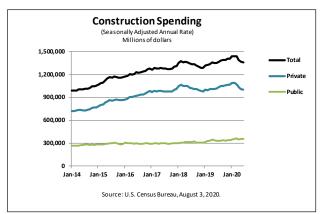
# **MONTHLY CONSTRUCTION SPENDING, JUNE 2020**

Release Number: CB20-117

**Statement Regarding COVID-19 Impact**: Due to recent events surrounding COVID-19, many governments and businesses are operating on a limited capacity or have ceased operations completely. The Census Bureau has monitored response and data quality and determined estimates in this release meet publication standards. For more information on the compilation of this month's report, see <COVID-19 FAQs>.

**August 3, 2020** — The U.S. Census Bureau announced the following value put in place construction statistics for June 2020:





### **Total Construction**

Construction spending during June 2020 was estimated at a seasonally adjusted annual rate of \$1,355.2 billion, 0.7 percent (±1.2 percent)\* below the revised May estimate of \$1,364.7 billion. The June figure is 0.1 percent (±1.5 percent)\* above the June 2019 estimate of \$1,354.1 billion. During the first six months of this year, construction spending amounted to \$667.9 billion, 5.0 percent (±1.2 percent) above the \$636.0 billion for the same period in 2019.

# **Private Construction**

Spending on private construction was at a seasonally adjusted annual rate of \$1,001.9 billion, 0.7 percent (±0.7 percent)\* below the revised May estimate of \$1,009.0 billion. Residential construction was at a seasonally adjusted annual rate of \$534.2 billion in June, 1.5 percent (±1.3 percent) below the revised May estimate of \$542.1 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$467.7 billion in June, 0.2 percent (±0.7 percent)\* above the revised May estimate of \$466.9 billion.

## **Public Construction**

In June, the estimated seasonally adjusted annual rate of public construction spending was \$353.3 billion, 0.7 percent (±2.0 percent)\* below the revised May estimate of \$355.8 billion. Educational construction was at a seasonally adjusted annual rate of \$85.8 billion, 2.7 percent (±1.5 percent) below the revised May estimate of \$88.2 billion. Highway construction was at a seasonally adjusted annual rate of \$102.6 billion, 1.7 percent (±6.3 percent)\* below the revised May estimate of \$104.4 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

#### **Notice**

New Length of Time data for Private Nonresidential, Private Multifamily and State and Local Construction are available. Go to the Related Studies menu on our website.

Geographic data for Private Nonresidential and State and Local Construction through 2019 can be found at <www.census.gov/construction/c30/historical data.html>.

The July 2020 Monthly Construction Spending Report is scheduled for release on September 1, 2020. 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, 1.00 percent; private construction, 1.33 percent; and public construction, 0.87 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 < <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** 

301-763-1605

**Media Inquiries** 

eid.ceb.customer.service@census.gov

Economic Indicator Division, Construction Expenditures Branch



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 o	Ū
T (0 ) !!	Jun	May	Apr		- 1			
Type of Construction	2020 <sup>p</sup>	2020 <sup>r</sup>	2020 <sup>r</sup>	Mar 2020	Feb 2020	Jun 2019	May 2020	Jun 2019
Total Construction	1,355,189	1,364,738	1,387,936	1,436,727	1,441,145	1,354,080	-0.7	0.1
Residential	542,307	549,977	569,892	595,963	600,581	544,438	-1.4	-0.4
Nonresidential	812,882	814,761	818,044	840,764	840,564	809,642	-0.2	0.4
Lodging	29,353	29,005	29,352	30,096	31,356	34,357	1.2	-14.6
Office	81,183	81,038	81,204	82,619	83,305	82,988	0.2	-2.2
Commercial	83,051	84,156	83,850	84,857	84,527	81,404	-1.3	2.0
Health care	45,383	44,624	46,769	48,004	47,982	44,618	1.7	1.7
Educational	101,489	103,823	104,552	107,492	107,890	102,041	-2.2	-0.5
Religious	2,924	2,921	2,960	3,262	3,390	3,706	0.1	-21.1
Public safety Amusement and recreation	14,295 26,609	14,161 27,495	13,670	13,758	13,403 28,729	10,270	0.9 -3.2	39.2 -6.3
Transportation	57,360	57,493 57,693	27,352 56,145	28,123 56,896	57,500	28,407 57,597	-0.6	-0.3 -0.4
Communication	22,642	22,927	22,921	23,001	22,806	21,881	-1.2	3.5
Power	119,423	118,653	121,872	123,855	126,506	112,059	0.6	6.6
Highway and street	102,998	104,790	102,879	111,181	103,853	99,403	-1.7	3.6
Sewage and waste disposal	26,635	25,712	26,185	25,890	25,627	26,555	3.6	0.3
Water supply	18,308	18,020	17,874	18,005	17,687	15,467	1.6	18.4
Conservation and development	8,797	8,512	8,531	8,447	9,091	9,184	3.3	-4.2
Manufacturing	72,433	71,232	71,930	75,278	76,913	79,704	1.7	-9.1
Total Private Construction <sup>1</sup>	1,001,889	1,008,987	1,036,617	1,076,286	1,088,780	1,021,312	-0.7	-1.9
Residential	534,170	542,051	562,339	588,060	592,960	538,372	-1.5	-0.8
New single family	252,624	261,986	283,910	307,696	311,537	273,528	-3.6	-7.6
New multifamily	80,022	77,716	77,443	81,575	81,292	81,722	3.0	-2.1
Nonresidential	467,719	466,936	474,278	488,226	495,820	482,940	0.2	-3.2
Lodging	28,175	27,877	28,267	29,232	30,402	33,124	1.1	-14.9
Office	69,866	69,688	70,273	71,322	72,050	72,395	0.3	-3.5
Commercial	78,967	79,986	79,659	80,836	80,597	77,420	-1.3	2.0
Health care	35,813	35,230	37,916	39,010	39,304	35,588	1.7	0.6
Educational	15,658	15,598	16,220	18,644	18,934	20,685	0.4	-24.3 -21.1
Religious Amusement and recreation	2,924 12,498	2,921 13,319	2,960 13,581	3,262 14,218	3,390 14,158	3,706 14,659	0.1 -6.2	-21.1 -14.7
Transportation	15,773	15,872	14,953	15,827	16,425	16,621	-0.2	-14.7 -5.1
Communication	22,575	22,860	22,856	22,922	22,687	21,772	-1.2	3.7
Power	112,167	111,408	114,744	116,733	119,658	105,856	0.7	6.0
Manufacturing	72,073	70,858	71,607	74,987	76,644	79,330	1.7	-9.1
Total Public Construction <sup>2</sup>	353,300	355,751	351,318	360,441	352,364	332,768	-0.7	6.2
Residential	8,137	7,926	7,553	7,904	7,621	6,067	2.7	34.1
Nonresidential	345,163	347,825	343,765	352,537	344,744	326,701	-0.8	5.7
Office	11,317	11,350	10,931	11,297	11,255	10,592	-0.3	6.8
Commercial	4,084	4,170	4,191	4,021	3,929	3,984	-2.1	2.5
Health care	9,571	9,395	8,853	8,994	8,677	9,031	1.9	6.0
Educational	85,831	88,226	88,332	88,848	88,955	81,356	-2.7	5.5
Public safety	14,206	14,069	13,562	13,635	13,265	10,038	1.0	41.5
Amusement and recreation Transportation	14,111	14,175	13,771	13,905	14,570	13,748	-0.5 -0.6	2.6
Power	41,587 7,256	41,822 7,245	41,192 7,128	41,069 7,122	41,076 6,848	40,977 6,204	0.2	1.5 17.0
Highway and street	102,634	7,245 104,416	102,539	110,864	103,382	98,954	-1.7	3.7
								1.5
Sewage and waste disposal	26.2621	25.3941	25.8141	25.5701	25.7301	25.Xb41	5.41	1.3
Sewage and waste disposal Water supply	26,262 17,947	25,394 17,528	25,814 17,495	25,520 17,641	25,230 17,199	25,864 15,102	3.4 2.4	18.8

<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 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.)

			I	I			Y	ear-to-date	
Type of Construction	Jun	May	Apr	Mar	Feb	Jun	Jun	Jun	Percent
	2020 <sup>p</sup>	2020 <sup>r</sup>	2020 <sup>r</sup>	2020	2020	2019	2020	2019	change
Total Construction	123,377	117,226	113,264	110,839	102,094	122,329	667,920	636,035	5.0
Residential	49,901	48,220	47,657	47,656	41,655	49,820	276,483	256,484	7.8
Nonresidential	73,476	69,006	65,607	63,182	60,439	72,509	391,437	379,551	3.1
Lodging	2,518	2,439	2,483	2,525	2,558	2,910	15,043	16,439	-8.5
Office	7,042	6,888	6,687	6,574	6,314	7,200	39,769	40,340	-1.4
Commercial	7,266	7,175	6,925	6,707	6,391	7,072	40,740	38,199	6.7
Health care	3,885	3,768	3,866	3,890	3,776	3,778	22,856	21,648	5.6
Educational	10,066	8,784	8,209	7,863	7,489	10,076	49,809	49,415	0.8
Religious	250	243	247	253	245	318	1,499	1,725	-13.1
Public safety	1,238	1,159	1,125	1,086	1,004	875	6,589	4,630	42.3
Amusement and recreation	2,336	2,374	2,275	2,200	2,121	2,468	13,413	13,832	-3.0
Transportation	5,145	4,958	4,565	4,232	4,018	5,112	26,910	26,746	0.6 3.1
Communication	1,870	1,830	1,884	1,899	1,756	1,754	10,923	10,590	16.7
Power	10,210	10,012 8,999	10,059	9,908	9,946	9,570	60,178	51,565	
Highway and street Sewage and waste disposal	10,633 2,405	2,248	7,252 2,092	6,021 1,927	5,150 1,735	10,107 2,399	42,879 12,212	42,522 11,914	0.8 2.5
Water supply	1,673	1,582	1,477	1,376	1,284	1,389	8,662	7,187	20.5
Conservation and development	726	688	645	665	721	745	4,157	4,253	-2.3
Manufacturing	6,213	5,860	5,816	6,058	5,932	6,739	35,799	38,548	-7.1
Total Private Construction <sup>1</sup>	89,383	86,889	86,199	86,191	79,398	90,619	507,046	485,099	4.5
Residential	49,150	47,538	47,023	47,054	41,098	49,280	272,727	253,610	7.5
New single family	22,539	22,483	23,286	24,078	20,731	24,396	134,076	129,024	3.9
New multifamily	6,971	6,644	6,597	6,749	6,604	7,045	39,748	40,757	-2.5
Nonresidential	40,233	39,350	39,176	39,137	38,300	41,340	234,319	231,489	1.2
Lodging	2,420	2,345	2,393	2,453	2,478	2,807	14,517	15,910	-8.8
Office	6,034	5,901	5,793	5,683	5,488	6,261	34,340	35,284	-2.7
Commercial	6,903	6,826	6,586	6,395	6,094	6,720	38,812	36,225	7.1
Health care	3,045	2,974	3,139	3,148	3,088	3,016	18,394	17,152	7.2
Educational	1,450	1,389	1,381	1,492	1,451	1,924	8,611	10,770	-20.0
Religious  Amusement and recreation	250 1,073	243 1,119	247 1,146	253	245 1,091	318	1,499 6,686	1,725 7,472	-13.1 -10.5
Transportation	1,388	1,119	1,146	1,142 1,162	1,154	1,243 1,454	7,537	8,448	-10.5
Communication	1,864	1,824	1,878	1,102	1,746	1,745	10,883	10,515	3.5
Power	9,513	9,390	9,477	9,391	9,447	8,986	56,762	48,686	16.6
Manufacturing	6,183	5,829	5,789	6,034	5,909	6,707	35,637	38,396	-7.2
Total Public Construction <sup>2</sup>	33,994	30,337	27,065	24,647	22,696	31,710	160,874	150,936	6.6
Residential	751	682	634	602	557	541	3,756	2,873	30.7
Nonresidential	33,243	29,656	26,431	24,045	22,139	31,169	157,118	148,062	6.1
Office	1,009	987	893	892	826	938	5,430	5,056	7.4
Commercial	363	349	339	312	298	352	1,927	1,974	-2.4
Health care	840	794	726	742	688	762	4,461	4,496	-0.8
Educational	8,616	7,395	6,828	6,371	6,037	8,152	41,198	38,645	6.6
Public safety	1,231	1,150	1,116	1,076	994	855	6,531	4,493	45.4
Amusement and recreation	1,263	1,255	1,129	1,058	1,031	1,225	6,727	6,360	5.8
Transportation Power	3,757	3,564	3,318	3,070	2,864	3,657	19,373	18,298	5.9
Power Highway and street	697 10,598	622 8,968	582 7,225	517 5,999	499 5,120	583 10,066	3,417 42,699	2,879 42,291	18.7 1.0
Sewage and waste disposal	2,371	2,218	2,063	1,900	1,706	2,338	12,028	11,557	4.1
Water supply	1,643	1,539	1,446	1,349	1,251	1,357	8,470	7,022	20.6

<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 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	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	0.5	0.7	0.7	0.9		
Residential	4.3	3.6	4.9	1.4	4.0		
Nonresidential	0.7	0.5	0.7	0.7	0.9		
Lodging	1.4	1.2	2.0	0.9	1.9		
Office	1.5	1.3	1.5	1.0	1.4		
Commercial	1.7	1.3	1.7	1.0	1.7		
Health care	1.8	1.4	1.9	0.7	2.1		
Educational	1.6	1.4	1.7	0.8	2.3		
Religious	6.3	6.8	7.3	3.0	6.4		
Public safety	3.5	3.0	4.7	1.3	4.7		
Amusement and recreation	2.0	4.0	1.9	1.1	2.1		
Transportation	1.2	0.9	1.2	0.8	1.9		
Communication	NA	NA	NA	NA	NA		
Power	0.3	0.2	0.4	0.2	0.4		
Highway and street	2.7	2.3	3.1	3.8	4.0		
Sewage and waste disposal	3.0	2.2	3.5	2.6	5.2		
Water supply	3.9	2.8	5.0	3.0	6.0		
Conservation and development	2.1	1.5	2.2	2.0	3.1		
Manufacturing	1.2	1.1	1.2	0.9	1.3		
Total Private Construction	0.6	0.6	0.6	0.4	0.6		
Residential	5.0	1.1	1.3	0.8	1.4		
New single family	5.0	4.0	6.8	6.0	6.0		
New multifamily	5.8	5.2	3.3	1.4	3.3		
Nonresidential	0.6	0.6	0.6	0.4	0.6		
Lodging	1.4	1.2	2.1	0.9	1.9		
Office	1.7	1.5	1.6	1.1	1.5		
Commercial	1.8	1.3	1.8	1.1	1.8		
Health care	2.2	1.7	2.4	0.9	2.4		
Educational	2.7	1.9	2.0	1.1	2.3		
Religious	6.3	6.8	7.3	3.0	6.4		
Amusement and recreation	2.5	7.6	2.3	1.6	2.4		
Transportation	1.1	0.8	1.8	0.4	1.7		
Communication	NA	NA	NA	NA	NA		
Power	0.2	0.1	0.4	0.1	0.2		
Manufacturing	1.2	1.1	1.2	0.9	1.3		
Total Public Construction	1.1	0.8	1.2	1.2	1.7		
Residential	4.3	3.6	4.9	1.4	4.0		
Nonresidential	1.1	0.9	1.2	1.2	1.7		
Office	2.4	2.3	3.6	1.7	4.1		
Commercial	7.0	7.8	9.2	4.7	6.0		
Health care	2.5	1.6	2.2	1.1	4.0		
Educational	1.9	1.6	2.2	0.9	2.8		
Public safety	3.5	3.0	4.9	1.3	4.8		
Amusement and recreation	3.0	2.2	3.6	1.7	3.5		
Transportation	1.4	1.1	1.5	0.9	2.3		
Power	7.0	4.6	10.9	3.3	15.3		
Highway and street	2.7	2.3	3.1	3.8	4.0		
Sewage and waste disposal	3.1	2.3	3.6	2.6	5.4		
Water supply	4.0	2.8	5.1	3.0	6.1		
Conservation and development	2.1	1.5	2.2	2.0	3.1		

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, August 3, 2020. Additional information on the survey methodology may be found at <a href="https://www.census.gov/construction/c30/meth.html">www.census.gov/construction/c30/meth.html</a>