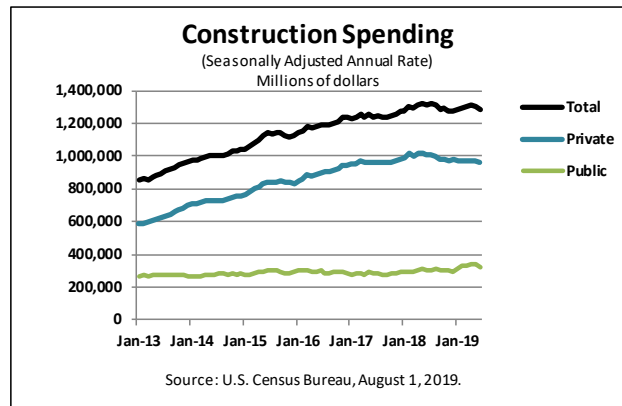


MONTHLY CONSTRUCTION SPENDING, JUNE 2019

Release Number: CB19-113

August 1, 2019 — The U.S. Census Bureau announced the following value put in place construction statistics for June 2019:

CONSTRUCTION SPENDING	
JUNE 2019	\$1,287.0 billion
MAY 2019 (revised)	\$1,303.4 billion
Next release: September 3, 2019	
Seasonally Adjusted Annual Rate Source: U.S. Census Bureau, August 1, 2019	



Total Construction

Construction spending during June 2019 was estimated at a seasonally adjusted annual rate of \$1,287.0 billion, 1.3 percent (± 1.2 percent) below the revised May estimate of \$1,303.4 billion. The June figure is 2.1 percent (± 1.6 percent) below the June 2018 estimate of \$1,314.8 billion. During the first six months of this year, construction spending amounted to \$615.8 billion, 0.5 percent (± 1.2 percent)* below the \$619.0 billion for the same period in 2018.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$962.9 billion, 0.4 percent (± 0.8 percent)* below the revised May estimate of \$967.0 billion. Residential construction was at a seasonally adjusted annual rate of \$507.2 billion in June, 0.5 percent (± 1.3 percent)* below the revised May estimate of \$509.7 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$455.7 billion in June, 0.3 percent (± 0.8 percent)* below the revised May estimate of \$457.3 billion.

Public Construction

In June, the estimated seasonally adjusted annual rate of public construction spending was \$324.1 billion, 3.7 percent (± 2.0 percent) below the revised May estimate of \$336.4 billion. Educational construction was at a seasonally adjusted annual rate of \$73.0 billion, 6.8 percent (± 2.0 percent) below the revised May estimate of \$78.3 billion. Highway construction was at a seasonally adjusted annual rate of \$101.9 billion, 6.4 percent (± 5.4 percent) below the revised May estimate of \$108.9 billion.

Data Inquiries

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Notice

Due to the lapse in federal funding from December 22, 2018 through January 25, 2019, annual revisions will be released later than normal. With the release of data for July 2019 on September 3, 2019, unadjusted data will be revised back to January 2013 and seasonally adjusted data will be revised back to January 2008.

The July 2019 Monthly Construction Spending Report is scheduled for release on September 3, 2019. 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 (\pm 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, 1.06 percent; private construction, 1.39 percent; and public construction, 1.18 percent. Explanations of confidence intervals and sampling variability can be found on our website at <www.census.gov/construction/c30/methodology.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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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	Jun 2019 ^p	May 2019 ^f	Apr 2019 ^f	Mar 2019	Feb 2019	Jun 2018	Percent change Jun 2019 from -	
							May 2019	Jun 2018
							Total Construction	1,286,997
Residential	513,244	515,871	516,034	511,050	514,855	558,134	-0.5	-8.0
Nonresidential	773,753	787,557	794,068	787,478	782,964	756,654	-1.8	2.3
Lodging	34,329	33,991	33,938	34,248	32,894	31,573	1.0	8.7
Office	78,950	78,246	79,178	78,247	76,987	72,518	0.9	8.9
Commercial	83,064	81,965	82,016	83,856	88,172	92,985	1.3	-10.7
Health care	42,791	42,933	43,798	44,156	42,494	41,913	-0.3	2.1
Educational	90,672	97,012	98,827	98,776	98,857	91,303	-6.5	-0.7
Religious	2,751	2,832	2,903	2,880	3,116	2,844	-2.9	-3.3
Public safety	9,901	10,048	9,865	9,676	9,967	9,437	-1.5	4.9
Amusement and recreation	27,766	27,644	27,870	27,234	27,655	26,587	0.4	4.4
Transportation	56,787	57,979	54,640	53,346	52,358	52,848	-2.1	7.5
Communication	23,166	23,537	23,494	23,837	23,316	24,447	-1.6	-5.2
Power	98,430	100,045	100,405	101,592	100,599	103,148	-1.6	-4.6
Highway and street	102,209	109,079	113,692	107,802	107,279	95,934	-6.3	6.5
Sewage and waste disposal	26,760	27,048	26,171	25,362	24,426	22,536	-1.1	18.7
Water supply	16,084	16,038	16,604	15,381	15,180	15,377	0.3	4.6
Conservation and development	8,963	8,639	8,767	8,655	8,418	8,484	3.8	5.6
Manufacturing	71,132	70,523	71,903	72,430	71,248	64,722	0.9	9.9
Total Private Construction¹	962,943	966,990	969,450	969,684	970,860	1,009,424	-0.4	-4.6
Residential	507,231	509,690	509,535	504,780	508,722	551,668	-0.5	-8.1
New single family	263,582	265,392	268,122	268,206	267,455	288,162	-0.7	-8.5
New multifamily	66,198	66,044	64,409	64,686	62,906	59,351	0.2	11.5
Nonresidential	455,712	457,300	459,916	464,904	462,138	457,756	-0.3	-0.4
Lodging	33,188	32,603	32,600	33,154	31,709	30,702	1.8	8.1
Office	68,184	67,939	68,362	67,375	66,594	62,728	0.4	8.7
Commercial	78,702	77,723	77,719	79,543	83,711	89,395	1.3	-12.0
Health care	34,300	34,146	34,527	35,639	33,967	32,443	0.5	5.7
Educational	17,709	18,684	19,859	20,366	20,360	20,904	-5.2	-15.3
Religious	2,751	2,832	2,903	2,880	3,116	2,844	-2.9	-3.3
Amusement and recreation	14,597	14,576	14,516	14,385	14,465	14,687	0.1	-0.6
Transportation	18,443	19,505	18,366	18,293	17,609	17,486	-5.4	5.5
Communication	23,060	23,342	23,325	23,627	23,177	24,376	-1.2	-5.4
Power	92,417	94,383	94,444	95,775	94,645	97,134	-2.1	-4.9
Manufacturing	70,906	70,279	71,720	72,256	71,089	64,168	0.9	10.5
Total Public Construction²	324,055	336,437	340,652	328,845	326,959	305,364	-3.7	6.1
Residential	6,013	6,180	6,500	6,270	6,133	6,466	-2.7	-7.0
Nonresidential	318,041	330,257	334,152	322,574	320,827	298,898	-3.7	6.4
Office	10,766	10,307	10,816	10,872	10,393	9,790	4.5	10.0
Commercial	4,362	4,241	4,297	4,313	4,460	3,590	2.9	21.5
Health care	8,491	8,787	9,270	8,517	8,527	9,469	-3.4	-10.3
Educational	72,963	78,328	78,968	78,409	78,497	70,400	-6.8	3.6
Public safety	9,682	9,834	9,637	9,481	9,766	9,287	-1.5	4.3
Amusement and recreation	13,170	13,069	13,354	12,849	13,190	11,900	0.8	10.7
Transportation	38,344	38,474	36,274	35,053	34,750	35,361	-0.3	8.4
Power	6,013	5,661	5,961	5,817	5,953	6,014	6.2	0.0
Highway and street	101,939	108,874	113,330	107,412	106,750	95,778	-6.4	6.4
Sewage and waste disposal	26,082	26,453	25,483	24,606	23,746	22,166	-1.4	17.7
Water supply	15,826	15,801	16,337	15,137	14,924	15,182	0.2	4.2
Conservation and development	8,932	8,603	8,736	8,629	8,390	8,464	3.8	5.5

^p Preliminary ^f 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 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, August 1, 2019.
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	Jun 2019 ^p	May 2019 ^r	Apr 2019 ^r	Mar 2019	Feb 2019	Jun 2018	Year-to-date		
							Jun 2019	Jun 2018	Percent change
Total Construction	116,381	113,479	106,748	99,700	90,605	118,720	615,779	618,985	-0.5
Residential	47,181	45,649	43,049	40,711	35,273	50,873	246,426	267,267	-7.8
Nonresidential	69,200	67,830	63,699	58,989	55,332	67,847	369,353	351,718	5.0
Lodging	2,903	2,922	2,876	2,842	2,594	2,699	16,743	15,477	8.2
Office	6,817	6,703	6,555	6,242	5,901	6,249	38,052	34,840	9.2
Commercial	7,240	7,055	6,791	6,550	6,474	8,105	40,495	44,292	-8.6
Health care	3,626	3,660	3,577	3,537	3,287	3,591	20,957	20,526	2.1
Educational	8,955	8,302	7,850	7,190	6,805	9,110	45,821	44,206	3.7
Religious	231	240	243	220	224	247	1,385	1,457	-4.9
Public safety	849	856	812	744	733	810	4,721	4,341	8.8
Amusement and recreation	2,421	2,441	2,320	2,120	2,036	2,312	13,347	12,271	8.8
Transportation	5,086	5,077	4,446	3,945	3,629	4,734	25,982	23,915	8.6
Communication	1,876	1,934	1,911	1,913	1,725	1,990	11,097	11,989	-7.4
Power	8,362	8,543	8,388	8,171	7,974	8,757	49,392	49,312	0.2
Highway and street	10,241	9,700	8,053	5,930	5,124	9,584	43,706	38,138	14.6
Sewage and waste disposal	2,402	2,363	2,101	1,923	1,690	2,001	12,147	10,277	18.2
Water supply	1,476	1,407	1,364	1,166	1,073	1,394	7,499	6,494	15.5
Conservation and development	737	713	682	685	643	690	4,067	3,622	12.3
Manufacturing	5,979	5,914	5,731	5,809	5,421	5,575	33,943	30,563	11.1
Total Private Construction¹	85,635	84,291	80,446	77,244	70,011	89,721	466,726	483,657	-3.5
Residential	46,627	45,101	42,503	40,243	34,837	50,287	243,465	264,091	-7.8
New single family	23,500	22,633	21,826	20,990	17,775	25,692	125,462	134,973	-7.0
New multifamily	5,659	5,672	5,550	5,291	4,897	5,138	32,072	29,487	8.8
Nonresidential	39,007	39,189	37,943	37,001	35,174	39,434	223,260	219,566	1.7
Lodging	2,807	2,806	2,764	2,751	2,495	2,626	16,151	14,981	7.8
Office	5,883	5,801	5,661	5,383	5,132	5,400	32,948	30,325	8.6
Commercial	6,859	6,691	6,452	6,218	6,142	7,781	38,397	42,636	-9.9
Health care	2,900	2,922	2,819	2,845	2,619	2,768	16,694	16,035	4.1
Educational	1,661	1,701	1,685	1,606	1,516	1,988	9,714	10,332	-6.0
Religious	231	240	243	220	224	247	1,385	1,457	-4.9
Amusement and recreation	1,235	1,275	1,212	1,148	1,114	1,246	7,119	6,978	2.0
Transportation	1,689	1,788	1,487	1,278	1,158	1,602	8,757	7,831	11.8
Communication	1,867	1,918	1,897	1,895	1,713	1,984	11,018	11,929	-7.6
Power	7,786	8,037	7,881	7,740	7,534	8,183	46,510	46,393	0.3
Manufacturing	5,960	5,894	5,716	5,795	5,408	5,528	33,849	30,325	11.6
Total Public Construction²	30,747	29,188	26,302	22,456	20,594	28,999	149,053	135,328	10.1
Residential	554	548	546	468	436	586	2,961	3,177	-6.8
Nonresidential	30,193	28,640	25,756	21,988	20,158	28,413	146,093	132,151	10.6
Office	934	902	895	860	770	849	5,104	4,515	13.0
Commercial	381	364	339	332	332	324	2,098	1,656	26.7
Health care	726	738	758	692	667	822	4,263	4,492	-5.1
Educational	7,294	6,601	6,166	5,584	5,290	7,122	36,107	33,874	6.6
Public safety	828	835	792	729	718	796	4,611	4,285	7.6
Amusement and recreation	1,186	1,166	1,108	972	922	1,066	6,228	5,293	17.7
Transportation	3,397	3,289	2,960	2,667	2,471	3,132	17,225	16,085	7.1
Power	576	506	507	431	441	574	2,882	2,920	-1.3
Highway and street	10,218	9,682	8,025	5,902	5,089	9,570	43,558	38,044	14.5
Sewage and waste disposal	2,342	2,306	2,045	1,865	1,640	1,968	11,819	10,167	16.2
Water supply	1,454	1,388	1,343	1,148	1,055	1,377	7,385	6,418	15.1
Conservation and development	734	710	679	683	641	688	4,049	3,610	12.2

^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 the following categories of public construction not shown separately: lodging, religious, communication, and manufacturing.

Source: U.S. Census Bureau, Construction Spending, August 1, 2019.

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	0.7	0.7	1.0
Residential	3.3	3.3	4.3	2.5	4.0
Nonresidential	0.7	0.5	0.7	0.7	1.0
Lodging	1.7	1.5	1.9	0.6	1.9
Office	1.8	1.4	1.7	1.2	2.0
Commercial	1.9	1.4	2.1	1.4	1.9
Health care	1.8	2.0	2.2	1.4	2.2
Educational	1.7	1.1	2.0	1.0	2.8
Religious	6.2	5.5	5.6	3.4	6.3
Public safety	3.1	2.5	3.4	1.4	3.9
Amusement and recreation	2.2	1.7	2.3	1.3	2.8
Transportation	1.4	1.0	1.6	1.4	3.0
Communication	NA	NA	NA	NA	NA
Power	0.4	0.4	0.4	0.2	0.6
Highway and street	3.3	2.0	3.5	3.3	4.4
Sewage and waste disposal	3.5	2.6	3.6	2.5	4.7
Water supply	4.2	3.2	4.6	3.4	6.0
Conservation and development	2.1	1.6	2.8	1.3	3.5
Manufacturing	0.7	0.5	1.2	0.6	0.9
Total Private Construction	0.6	0.6	0.8	0.5	0.7
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	6.0	6.0	3.7	2.3	4.5
Nonresidential	0.6	0.6	0.8	0.5	0.7
Lodging	1.7	1.5	1.9	0.6	1.9
Office	2.0	1.5	1.8	1.4	2.0
Commercial	2.0	1.4	2.2	1.4	2.0
Health care	2.1	2.4	2.7	1.6	2.6
Educational	2.3	2.1	2.6	1.4	2.5
Religious	6.2	5.5	5.6	3.4	6.3
Amusement and recreation	2.4	1.7	2.1	1.5	2.7
Transportation	1.2	1.4	2.0	0.3	2.0
Communication	NA	NA	NA	NA	NA
Power	0.3	0.4	0.3	0.1	0.5
Manufacturing	0.7	0.5	1.2	0.6	0.9
Total Public Construction	1.3	0.8	1.3	1.2	1.9
Residential	3.3	3.3	4.3	2.5	4.0
Nonresidential	1.3	0.8	1.3	1.3	1.9
Office	3.3	2.5	5.1	1.9	7.4
Commercial	5.0	3.8	6.8	2.5	6.7
Health care	2.5	2.2	2.4	2.1	3.5
Educational	2.1	1.3	2.5	1.2	3.5
Public safety	3.1	2.6	3.4	1.4	3.9
Amusement and recreation	3.7	3.0	4.8	2.2	5.5
Transportation	1.7	1.2	1.9	1.8	3.7
Power	6.2	4.9	5.8	5.0	10.1
Highway and street	3.3	2.0	3.5	3.3	4.4
Sewage and waste disposal	3.6	2.7	3.6	2.6	4.7
Water supply	4.3	3.3	4.7	3.4	6.1
Conservation and development	2.1	1.6	2.8	1.3	3.5

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, August 1, 2019. Additional information on the survey methodology may be found at <www.census.gov/construction/c30/meth.html>