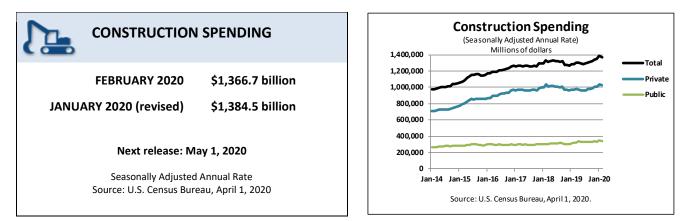
## FOR RELEASE AT 10:00 AM EDT, WEDNESDAY, APRIL 1, 2020

# **MONTHLY CONSTRUCTION SPENDING, FEBRUARY 2020**

Release Number: CB20-48

**April 1, 2020** — The U.S. Census Bureau announced the following value put in place construction statistics for February 2020:



#### **Total Construction**

Construction spending during February 2020 was estimated at a seasonally adjusted annual rate of \$1,366.7 billion, 1.3 percent (±0.8 percent) below the revised January estimate of \$1,384.5 billion. The February figure is 6.0 percent (±1.2 percent) above the February 2019 estimate of \$1,289.0 billion. During the first two months of this year, construction spending amounted to \$193.5 billion, 8.2 percent (±1.2 percent) above the \$178.8 billion for the same period in 2019.

#### **Private Construction**

Spending on private construction was at a seasonally adjusted annual rate of \$1,025.8 billion, 1.2 percent (±0.7 percent) below the revised January estimate of \$1,038.5 billion. Residential construction was at a seasonally adjusted annual rate of \$564.3 billion in February, 0.6 percent (±1.3 percent)\* below the revised January estimate of \$567.6 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$461.5 billion in February, 2.0 percent (±0.7 percent) below the revised January estimate of \$471.0 billion.

#### **Public Construction**

In February, the estimated seasonally adjusted annual rate of public construction spending was \$340.9 billion, 1.5 percent (±1.6 percent)\* below the revised January estimate of \$345.9 billion. Educational construction was at a seasonally adjusted annual rate of \$79.5 billion, 1.5 percent (±2.6 percent)\* below the revised January estimate of \$80.7 billion. Highway construction was at a seasonally adjusted annual rate of \$102.4 billion, 1.2 percent (±4.4 percent)\* below the revised January estimate of \$103.6 billion.

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



U.S. Department of Commerce U.S. CENSUS BUREAU *census.gov*  Media Inquiries Public Information Office 301-763-3030 pio@census.gov

## Notice

With the May 2020 release, unadjusted data will be revised back to January 2018 and seasonally adjusted data will be revised back to January 2013. With each May release, seasonally adjusted data will now be revised for an additional five years beyond the revision period for unadjusted data. Research has shown that this revision span should produce more reliable seasonally adjusted time series.

The March 2020 Monthly Construction Spending Report is scheduled for release on May 1, 2020. 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, 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. <<u>www.census.gov/developers/</u>>

## **FRED Mobile App**



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

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



U.S. Department of Commerce U.S. CENSUS BUREAU *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 ch Feb 2020 f	-
Type of Construction	Feb	Jan	Dec	Nov	Oct	Feb	Jan	Feb
Type of construction	2020 <sup>p</sup>	2020 <sup>r</sup>	2019 <sup>r</sup>	2019	2019	2019	2020	2019
Total Construction	1,366,697	1,384,486	1,347,333	1,342,490	1,320,788	1,288,951	-1.3	6.0
Residential	571,583	574,954	553,837	542,838	532,521	512,980	-0.6	11.4
Nonresidential	795,114	809,532	793,497	799,653	788,266	775,971	-1.8	2.5
Lodging	30,128	31,265	31,992	32,390	33,457	33,490	-3.6	-10.0
Office	79,697	80,282	80,021	80,318	79,999	77,661	-0.7	2.6
Commercial	88,007	91,078	88,235	87,935	86,330	82,627	-3.4	6.5
Health care	42,985	44,153	44,345	44,322	43,918	44,302	-2.6	-3.0
Educational	96,459	97,953	98,062	99,886	101,613	97,908	-1.5	-1.5
Religious	2,968	3,049	2,973	3,136	2,920	3,026	-2.7	-1.9
Public safety	11,350	11,363	10,815	10,809	10,873	9,524	-0.1	19.2
Amusement and recreation	26,765	27,369	27,634	27,908	27,325	28,467	-2.2	-6.0
Transportation	55,957	55,644	54,713	55,087	54,984	51,835	0.6	8.0
Communication	23,538	23,697	23,738	23,489	23,118	23,222	-0.7	1.4
Power	106,044	106,746	103,549	102,781	98,820	100,873	-0.7	5.1
Highway and street	102,783	103,987	97,150	95 <i>,</i> 578	94,429	101,611	-1.2	1.2
Sewage and waste disposal	26,494	27,231	26,214	26,525	26,721	23,659	-2.7	12.0
Water supply	18,489	18,916	17,969	18,253	17,799	14,080	-2.3	31.3
Conservation and development	10,276	10,417	10,059	9,795	9,774	8,495	-1.4	21.0
Manufacturing	73,176	76,382	76,029	81,441	76,186	75,193	-4.2	-2.7
Total Private Construction <sup>1</sup>	1,025,821	1,038,541	1,012,968	1,006,752	986,322	971,659	-1.2	5.6
Residential	564,302	567,555	546,532	535,764	525,269	506,996	-0.6	11.3
New single family	311,679	299,904	290,868	281,739	277,881	268,563	3.9	16.1
New multifamily	58,276	58,200	57,517	58,659	58,827	61,797	0.1	-5.7
Nonresidential	461,519	470,986	466,436	470,988	461,053	464,664	-2.0	-0.7
Lodging	28,935	30,044	30,788	31,025	32,248	32,417	-3.7	-10.7
Office	68,230	68,656	68,614	68,626	68,733	67,829	-0.6	0.6
Commercial	84,060	86,770	84,154	84,101	81,701	78,648	-3.1	6.9
Health care	34,612	35,533	35,717	35,257	34,958	35,795	-2.6	-3.3
Educational	16,983	17,256	17,604	18,176	18,518	20,230	-1.6	-16.1
Religious	2,968	3,049	2,973	3,136	2,920	3,026	-2.7	-1.9
Amusement and recreation	12,865	13,030	13,391	13,763	13,477	15,227	-1.3	-15.5
Transportation	16,102 23,452	16,084	16,097	16,151 23,378	16,401	16,195	0.1 -0.7	-0.6
Communication Power	23,452 99,084	23,612 99,501	23,617 96,223	23,378 94,826	23,022 91,653	23,069 95,230	-0.7 -0.4	1.7 4.0
Manufacturing	72,928	76,103	75,802	81,076	75,866	75,026	-4.2	-2.8
Total Public Construction <sup>2</sup>	340,876	345,945	334,366	335,738	334,466	317,291	-1.5	7.4
Residential	7,281	7,400	7,305	7,074	7,252	5,984	-1.6	21.7
Nonresidential	333,595	338,546	327,061	328,665	327,214	311,307	-1.5	7.2
Office	11,466	11,626	11,407	11,692	11,266	9,832	-1.4	16.6
Commercial	3,947	4,308	4,081	3,834	4,629	3,979	-8.4	-0.8
Health care	8,373	8,620	8,628	9,064	8,960	8,507	-2.9	-1.6
Educational	79,476	80,697	80,458	81,710	83,095	77,679	-1.5	2.3
Public safety	11,229	11,230	10,668	10,670	10,738	9,323	0.0	20.4
Amusement and recreation	13,900	14,339	14,243	14,145	13,849	13,240	-3.1	5.0
Transportation	39,855	39,560	38,617	38,937	38,583	35,640	0.7	11.8
Power	6,960	7,245	7,327	7,955	7,167	5,643	-3.9	23.3
Highway and street	102,369	103,634	96,786	95,277	94,061	101,040	-1.2	1.3
Sewage and waste disposal	26,163	26,760	25,669	25,963	26,059	22,746	-2.2	15.0
Water supply	18,129	18,603	17,655	17,885	17,494	13,811	-2.5	31.3
Conservation and development	10,202	10,339	9,972	9,695	9,686	8,476	-1.3	20.4

<sup>p</sup> Preliminary <sup>r</sup> Revised

<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>2</sup>Includes 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, April 1, 2020. 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.)

							Y	ear-to-date	
Type of Construction	Feb	Jan	Dec	Nov	Oct	Feb	Feb	Feb	Percent
	2020 <sup>p</sup>	2020 <sup>r</sup>	2019 <sup>r</sup>	2019	2019	2019	2020	2019	change
Total Construction	96,999	96,462	102,703	112,942	118,134	90,000	193,460	178,772	8.2
Residential	40,117	39,158	41,004	46,074	47,181	35,174	79,275	69,584	13.9
Nonresidential	56,882	57,304	61,699	66,869	70,953	54,826	114,186	109,189	4.6
Lodging	2,415	2,428	2,595	2,690	2,866	2,621	4,844	5,193	-6.7
Office	6,089	6,093	6,443	6,828	7,036	5,935	12,182	11,867	2.7
Commercial	6,628	6,700	7,039	7,445	7,800	6,078	13,329	12,220	9.1
Health care	3,347	3,391	3,652	3,719	3,873	3,393	6,738	6,884	-2.1 -1.6
Educational Religious	6,624 217	6,664 225	6,966 240	7,613 262	8,490 267	6,745 214	13,288 441	13,506 447	-1.6 -1.3
Public safety	838	858	873	922	977	688	1,696	1,346	26.0
Amusement and recreation	1,945	1,990	2,168	2,299	2,434	2,071	3,935	4,005	-1.7
Transportation	3,867	3,860	4,326	4,760	5,075	3,581	7,727	7,330	5.4
Communication	1,790	1,742	2,276	2,112	2,035	1,726	3,533	3,464	2.0
Power	8,362	8,577	8,749	8,899	8,524	7,972	16,938	15,923	6.4
Highway and street	5,184	4,893	5,491	7,845	9,994	4,868	10,077	9,298	8.4
Sewage and waste disposal	1,784	1,867	1,988	2,267	2,518	1,596	3,651	3,229	13.1
Water supply	1,334	1,356	1,349	1,532	1,603	999	2,690	1,939	38.7
Conservation and development	807	747	849	813	809	654	1,553	1,272	22.1
Manufacturing	5,651	5,915	6,697	6,865	6,653	5,685	11,566	11,266	2.7
Total Private Construction <sup>1</sup>	75,091	74,764	79,344	85,559	87,001	70,054	149,855	139,594	7.4
Residential	39,588	38,645	40,435	45,477	46,533	34,753	78,233	68,764	13.8
New single family	20,691	20,672	21,449	24,604	25,197	17,775	41,364	36,513	13.3
New multifamily	4,695	4,456	4,452	4,908	5,126	4,813	9,151	9,673	-5.4
Nonresidential	35,503	36,119	38,909	40,082	40,468	35,300	71,621	70,831	1.1
Lodging	2,316	2,327	2,495	2,576	2,765	2,532	4,642	5,027	-7.7
Office	5,252	5,239	5,523	5,846	6,033	5,216	10,491	10,448	0.4
Commercial	6,332	6,388	6,699	7,112	7,404	5,790	12,720	11,633	9.3
Health care	2,681	2,722	2,946	2,979	3,116	2,727	5,404	5,549	-2.6
Educational	1,284	1,285	1,315	1,416	1,524	1,523	2,569	3,073	-16.4
Religious Amusement and recreation	217 977	225 1,010	240 1,073	262 1,125	267 1,168	214 1,152	441 1,987	447 2,272	-1.3 -12.5
Transportation	1,075	1,010	1,073	1,125	1,100	1,152	2,214	2,272	-12.5
Communication	1,783	1,735	2,266	2,103	2,027	1,713	3,518	3,441	2.2
Power	7,864	8,062	8,181	8,235	7,882	7,559	15,926	15,135	5.2
Manufacturing	5,631	5,891	6,678	6,835	6,626	5,671	11,522	11,238	2.5
Total Public Construction <sup>2</sup>	21,908	21,698	23,360	27,383	31,133	19,947	43,606	39,178	11.3
Residential	529	513	570	597	648	421	1,041	820	27.0
Nonresidential	21,379	21,185	22,790	26,786	30,485	19,526	42,564	38,358	11.0
Office	837	854	920	982	1,003	719	1,691	1,419	19.2
Commercial	297	312	340	332	397	288	609	587	3.7
Health care	666	669	706	739	757	666	1,335	1,335	0.0
Educational	5,339	5,379	5,651	6,197	6,966	5,223	10,719	10,433	2.7
Public safety	829	847	862	910	965	673	1,677	1,314	27.6
Amusement and recreation	969	979	1,095	1,174	1,266	919	1,948	1,733	12.4
Transportation	2,793 498	2,720	2,943	3,292	3,556 642	2,517 413	5,513	5,001 789	10.2 28.4
Power Highway and street	498 5,157	515 4,870	567 5,467	664 7,818	642 9,960	413 4,833	1,013 10,027	789 9,247	28.4 8.4
Sewage and waste disposal	1,759	4,870	1,944	2,220	2,462	4,855	3,593	3,113	0.4 15.4
Water supply	1,309	1,333	1,324	1,500	1,575	981	2,642	1,900	39.1
Conservation and development	800	740	842	805	802	652	1,540	1,269	21.4

<sup>p</sup> Preliminary <sup>r</sup> Revised

<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>2</sup>Includes the following categories of public construction not shown separately: lodging, religious, communication, and manufacturing.

Source: U.S. Census Bureau, Construction Spending, April 1, 2020. 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 Total Construction	Monthly estimate	Year-to-date			Month-to-month
		Year-to-date	V 1 - 1 - 1		
Total Construction	estimate		Year-to-date	Month-to-month	change from prev.
Total Construction		estimate	change	change	year
•	0.7	0.6	0.7	0.5	0.7
Residential	3.9	3.8	10.9	1.8	5.1
Nonresidential	0.7	0.6	0.7	0.5	0.7
Lodging	1.5	1.5	1.9	0.7	2.2
Office	1.6	1.4	1.6	1.2	1.7
Commercial	1.8	1.6	1.9	0.8	1.9
Health care	1.9	1.8	4.0	1.5	2.9
Educational	1.6	1.5	1.8	1.4	1.9
Religious	6.4	6.0	6.8	3.1	7.3
Public safety	3.3	3.3	4.6	1.8	4.6
Amusement and recreation	1.9	1.9	2.1	1.5	2.2
Transportation	1.3	1.2	1.3	0.7	1.4
Communication Power	NA 0.3	NA 0.3	NA 0.7	NA	NA 0.7
Highway and street	2.8	2.3	3.5	0.3 2.7	4.0
Sewage and waste disposal	3.2	2.5	5.5 4.1	2.7	4.0
Water supply	4.1	4.5	7.8	6.8	7.4
Conservation and development	2.1	1.5	2.4	1.7	3.1
Manufacturing	1.0	1.5	1.3	0.5	1.5
Total Private Construction	0.6	0.6	0.8	0.4	0.7
Desidential	5.0		1.2		
Residential	5.0 5.0	1.1 4.0	1.3 6.8	0.8 6.0	1.4 6.0
New single family New multifamily	6.0	4.0	3.8	0.0 1.9	6.0 4.1
Nonresidential	0.6	0.6	0.8	0.4	0.7
Lodging	1.5	1.6	1.9 1.7	0.7	2.3
Office Commercial	1.8 1.9	1.6 1.6	1.7	1.3 0.9	1.8 1.9
Health care	2.3	2.2	4.9	1.6	3.6
Educational	2.3	2.2	2.3	1.0	2.2
Religious	6.4	6.0	6.8	3.1	7.3
Amusement and recreation	2.0	1.9	1.9	1.6	1.9
Transportation	1.2	1.2	1.8	0.8	1.9
Communication	NA	NA	NA	NA	NA
Power	0.2	0.2	0.6	0.1	0.6
Manufacturing	1.0	1.5	1.3	0.5	1.5
Total Public Construction	1.1	0.9	1.3	1.0	1.4
Residential	3.9	3.8	10.9	1.8	5.1
Nonresidential	1.1	0.9	1.3	1.0	1.4
Office	2.5	2.3	4.7	2.3	4.8
Commercial	5.0	7.2	8.8	2.8	8.3
Health care	2.7	2.2	2.8	3.0	3.2
Educational	1.9	1.8	2.2	1.6	2.4
Public safety	3.3	3.3	4.7	1.8 2 F	4.7
Amusement and recreation	3.3	3.2	4.2	2.5	4.5
Transportation Power	1.5 6.8	1.4 7.6	1.5 11.0	0.8 8.0	1.6 9.5
Highway and street	2.8	2.3	3.5	2.7	9.5
Sewage and waste disposal	3.3	2.5	4.2	2.7	4.0
Water supply	4.1	4.6	8.0	6.9	7.5
Conservation and development	2.1	1.5	2.4	1.7	3.1

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, April 1, 2020. Additional information on the survey methodology may be found at <www.census.gov/construction/c30/meth.html>

#### Table 4. Annual Value of Construction Put in Place in the United States

(Millions of dollars. Details may not add to totals due to rounding.)

Type of Construction	2019 <sup>r</sup>	2018	Percent change	Coefficient of variation
Total Construction	1,306,855	1,307,248	0.0	0.4
Residential	521,971	546,136	-4.4	3.2
Nonresidential	784,884	761,113	3.1	0.4
Lodging	33,560	31,496	6.6	1.7
Office	79,233	74,450	6.4	1.3
Commercial	85,361	95,420	-10.5	1.0
Health care	44,248	42,642	3.8	1.6
Educational	97,963	97,777	0.2	1.2
Religious	2,943	3,262	-9.8	4.7
Public safety	10,173	9,468	7.4	2.8
Amusement and recreation	27,846	27,924	-0.3	1.6
Transportation	54,694	51,446	6.3	1.0
Communication	23,499	24,645	-4.7	NA
Power	100,429	93,176	7.8	0.3
Highway and street	98,793	91,124	8.4	1.7
Sewage and waste disposal	26,142	23,931	9.2	2.4
Water supply	16,429	15,317	7.3	2.4
Conservation and development	9,276	8,253	12.4	1.4
Manufacturing	74,297	70,782	5.0	1.0
Total Private Construction <sup>1</sup>	978,450	1,000,154	-2.2	0.5
Residential	515,436	539,607	-4.5	1.1
New single family	272,106	289,582	-6.0	1.0
New multifamily	61,307	59,593	2.9	5.7
Nonresidential	463,014	460,547	0.5	0.5
Lodging	32,471	30,464	6.6	1.7
Office	68,509	64,591	6.1	1.5
Commercial	81,112	91,799	-11.6	1.0
Health care	35,345	33,255	6.3	1.8
Educational	18,998	21,351	-11.0	2.1
Religious	2,943	3,262	-9.8	4.7
Public safety	193	169	14.2	23.0
Amusement and recreation	14,182	15,522	-8.6	1.4
Transportation	16,494	16,605	-0.7	2.0
Communication	23,363	24,461	-4.5 7.2	NA
Power	93,996 661	87,708 457	44.6	0.2 16.9
Sewage and waste disposal Water supply	301	265	13.6	21.7
Manufacturing	74,039	70,330	5.3	1.0
Total Public Construction <sup>2</sup>	328,405	307,094	6.9	0.7
Residential	6,535	6,529	0.1	3.2
Nonresidential	321,870	300,566	7.1	0.7
Office	10,725	9,859	8.8	1.8
Commercial	4,250	3,622	17.3	3.2
Health care	8,904	9,387	-5.1	3.3
Educational	78,965	76,426	3.3	1.4
Public safety	9,980	9,298	7.3	2.8
Amusement and recreation	13,664	12,403	10.2	2.8
Transportation	38,200	34,841	9.6	1.1
Power	6,432	5,469	17.6	6.0
Highway and street	98,454	90,842	8.4	1.7
Sewage and waste disposal	25,481	23,474	8.5	2.4
Water supply	16,128	15,052	7.1	2.5
Conservation and development	9,206	8,226	11.9	1.4

NA Not applicable 'Revised

<sup>1</sup>Includes the following categories of private construction not shown separately: highway and street, and conservation and development.

<sup>2</sup>Includes the following categories of public construction not shown separately: lodging, religious, communication, and manufacturing.

Source: U.S. Census Bureau, Construction Spending, April 1, 2020. Additional information on the survey methodology may be found at <www.census.gov/construction/c30/meth.html>