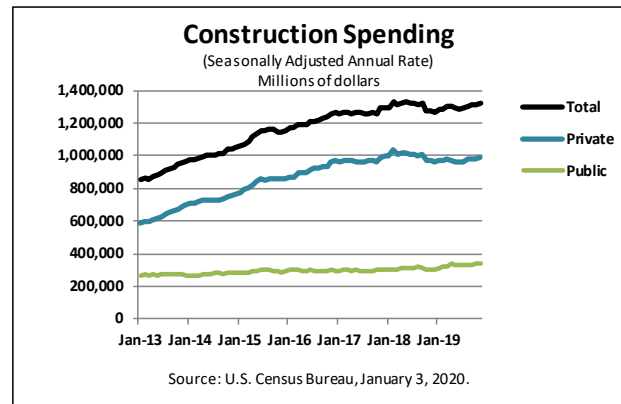


MONTHLY CONSTRUCTION SPENDING, NOVEMBER 2019

Release Number: CB20-01

January 3, 2020 — The U.S. Census Bureau announced the following value put in place construction statistics for November 2019:

CONSTRUCTION SPENDING	
NOVEMBER 2019	\$1,324.1 billion
OCTOBER 2019 (revised)	\$1,316.8 billion
Next release: February 3, 2020	
Seasonally Adjusted Annual Rate Source: U.S. Census Bureau, January 3, 2020	



Total Construction

Construction spending during November 2019 was estimated at a seasonally adjusted annual rate of \$1,324.1 billion, 0.6 percent (± 1.0 percent)* above the revised October estimate of \$1,316.8 billion. The November figure is 4.1 percent (± 1.5 percent) above the November 2018 estimate of \$1,271.4 billion. During the first eleven months of this year, construction spending amounted to \$1,201.6 billion, 0.8 percent (± 1.2 percent)* below the \$1,211.8 billion for the same period in 2018.

Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$985.5 billion, 0.4 percent (± 0.7 percent)* above the revised October estimate of \$981.1 billion. Residential construction was at a seasonally adjusted annual rate of \$536.1 billion in November, 1.9 percent (± 1.3 percent) above the revised October estimate of \$526.3 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$449.4 billion in November, 1.2 percent (± 0.7 percent) below the revised October estimate of \$454.7 billion.

Public Construction

In November, the estimated seasonally adjusted annual rate of public construction spending was \$338.6 billion, 0.9 percent (± 1.5 percent)* above the revised October estimate of \$335.7 billion. Educational construction was at a seasonally adjusted annual rate of \$83.9 billion, virtually unchanged from (± 1.5 percent)* the revised October estimate of \$84.0 billion. Highway construction was at a seasonally adjusted annual rate of \$96.4 billion, 2.2 percent (± 3.9 percent)* above the revised October estimate of \$94.3 billion.

Data Inquiries

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The December 2019 Monthly Construction Spending Report is scheduled for release on February 3, 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 (\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/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.

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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	Nov 2019 ^p	Oct 2019 ^f	Sep 2019 ^f	Aug 2019	Jul 2019	Nov 2018	Percent change Nov 2019 from -	
							Oct 2019	Nov 2018
Total Construction	1,324,122	1,316,764	1,315,229	1,305,986	1,291,250	1,271,386	0.6	4.1
Residential	543,059	533,414	529,455	525,229	510,759	527,986	1.8	2.9
Nonresidential	781,063	783,351	785,775	780,757	780,491	743,400	-0.3	5.1
Lodging	31,966	33,132	32,590	33,588	33,889	31,750	-3.5	0.7
Office	80,040	80,059	80,109	79,997	79,275	73,994	0.0	8.2
Commercial	83,248	84,071	85,604	83,506	84,691	87,024	-1.0	-4.3
Health care	43,662	43,691	44,038	43,411	44,148	41,543	-0.1	5.1
Educational	102,029	102,433	100,602	97,256	95,471	95,164	-0.4	7.2
Religious	2,872	2,905	2,845	2,827	2,917	3,141	-1.1	-8.6
Public safety	10,605	11,093	10,598	10,673	10,392	9,590	-4.4	10.6
Amusement and recreation	27,206	27,039	27,082	27,961	27,596	28,124	0.6	-3.3
Transportation	55,531	54,976	55,750	55,512	55,782	52,921	1.0	4.9
Communication	23,401	23,093	23,559	23,676	23,399	24,017	1.3	-2.6
Power	97,323	98,359	99,353	100,922	97,990	91,546	-1.1	6.3
Highway and street	96,747	94,699	97,514	95,429	97,367	89,935	2.2	7.6
Sewage and waste disposal	27,075	27,142	27,178	26,778	27,203	22,932	-0.2	18.1
Water supply	18,147	17,628	17,074	16,428	17,201	13,914	2.9	30.4
Conservation and development	9,708	9,770	9,478	9,803	9,524	7,955	-0.6	22.0
Manufacturing	71,506	73,262	72,402	72,991	73,647	69,851	-2.4	2.4
Total Private Construction¹	985,483	981,078	979,976	976,716	962,690	970,214	0.4	1.6
Residential	536,089	526,349	522,540	518,495	504,636	521,907	1.9	2.7
New single family	280,661	277,460	273,993	271,037	267,723	281,401	1.2	-0.3
New multifamily	59,118	59,101	60,102	61,120	63,202	61,522	0.0	-3.9
Nonresidential	449,394	454,729	457,436	458,221	458,054	448,307	-1.2	0.2
Lodging	30,710	31,914	31,391	32,619	32,928	30,498	-3.8	0.7
Office	68,733	68,834	68,901	68,925	68,636	64,560	-0.1	6.5
Commercial	79,074	79,515	81,066	79,306	79,786	83,087	-0.6	-4.8
Health care	34,785	34,924	34,957	34,317	35,292	32,254	-0.4	7.8
Educational	18,086	18,450	18,938	18,610	18,640	20,596	-2.0	-12.2
Religious	2,872	2,905	2,845	2,827	2,917	3,141	-1.1	-8.6
Amusement and recreation	13,349	13,308	13,407	13,765	13,593	15,540	0.3	-14.1
Transportation	16,196	16,339	16,843	16,375	16,424	17,879	-0.9	-9.4
Communication	23,298	22,997	23,439	23,556	23,274	23,756	1.3	-1.9
Power	89,722	91,140	92,127	93,574	91,635	86,036	-1.6	4.3
Manufacturing	71,150	72,933	72,099	72,708	73,330	69,672	-2.4	2.1
Total Public Construction²	338,639	335,687	335,253	329,270	328,560	301,172	0.9	12.4
Residential	6,970	7,065	6,915	6,734	6,123	6,079	-1.3	14.7
Nonresidential	331,669	328,622	328,339	322,536	322,437	295,093	0.9	12.4
Office	11,307	11,225	11,208	11,072	10,639	9,434	0.7	19.9
Commercial	4,174	4,557	4,538	4,200	4,905	3,937	-8.4	6.0
Health care	8,876	8,767	9,080	9,094	8,856	9,288	1.2	-4.4
Educational	83,943	83,982	81,664	78,646	76,831	74,568	0.0	12.6
Public safety	10,478	10,964	10,424	10,462	10,143	9,429	-4.4	11.1
Amusement and recreation	13,857	13,731	13,675	14,197	14,003	12,584	0.9	10.1
Transportation	39,335	38,637	38,907	39,137	39,358	35,042	1.8	12.3
Power	7,601	7,219	7,226	7,348	6,355	5,510	5.3	37.9
Highway and street	96,436	94,315	97,202	95,138	97,051	89,599	2.2	7.6
Sewage and waste disposal	26,505	26,558	26,619	26,185	26,554	22,379	-0.2	18.4
Water supply	17,816	17,334	16,773	16,138	16,881	13,693	2.8	30.1
Conservation and development	9,628	9,691	9,400	9,549	9,458	7,937	-0.7	21.3

^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, January 3, 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.)

Type of Construction	Nov 2019 ^p	Oct 2019 ^r	Sep 2019 ^r	Aug 2019	Jul 2019	Nov 2018	Year-to-date		
							Nov 2019	Nov 2018	Percent change
Total Construction	110,694	117,838	120,078	120,278	118,902	106,590	1,201,608	1,211,834	-0.8
Residential	45,541	47,258	48,224	47,954	47,610	44,072	480,511	508,650	-5.5
Nonresidential	65,153	70,580	71,853	72,324	71,292	62,518	721,097	703,183	2.5
Lodging	2,638	2,841	2,785	2,867	2,905	2,666	30,888	28,906	6.9
Office	6,804	7,039	7,070	6,906	6,779	6,300	72,769	68,384	6.4
Commercial	6,998	7,577	7,686	7,466	7,411	7,326	77,654	88,628	-12.4
Health care	3,662	3,850	3,912	3,731	3,743	3,516	40,517	39,171	3.4
Educational	7,781	8,554	9,024	9,966	9,917	7,257	91,229	90,887	0.4
Religious	237	266	265	261	257	261	2,677	3,005	-10.9
Public safety	901	1,004	1,015	943	864	825	9,306	8,670	7.3
Amusement and recreation	2,238	2,406	2,445	2,496	2,417	2,376	25,589	25,749	-0.6
Transportation	4,807	5,066	5,083	4,999	4,957	4,621	50,405	47,300	6.6
Communication	2,111	2,035	2,002	2,020	1,915	2,232	21,223	22,317	-4.9
Power	8,348	8,474	8,347	8,418	8,119	7,923	91,079	85,519	6.5
Highway and street	7,998	10,119	10,841	11,098	10,963	7,520	93,579	86,009	8.8
Sewage and waste disposal	2,316	2,556	2,518	2,500	2,451	1,955	24,241	22,101	9.7
Water supply	1,519	1,581	1,562	1,516	1,549	1,161	15,045	14,309	5.1
Conservation and development	810	815	999	893	803	671	8,430	7,553	11.6
Manufacturing	5,988	6,397	6,300	6,246	6,244	5,909	66,467	64,676	2.8
Total Private Construction¹	83,028	86,510	87,236	86,804	86,138	81,863	896,085	925,843	-3.2
Residential	44,952	46,627	47,583	47,339	47,064	43,560	474,571	502,564	-5.6
New single family	24,611	25,220	25,457	25,274	24,666	24,587	250,686	269,241	-6.9
New multifamily	4,928	5,140	5,059	5,309	5,304	5,121	56,889	54,775	3.9
Nonresidential	38,077	39,883	39,653	39,465	39,074	38,303	421,514	423,279	-0.4
Lodging	2,533	2,740	2,685	2,786	2,824	2,562	29,908	27,949	7.0
Office	5,858	6,044	6,047	5,922	5,871	5,512	63,009	59,323	6.2
Commercial	6,633	7,185	7,253	7,101	7,001	6,983	73,715	85,361	-13.6
Health care	2,935	3,109	3,089	2,940	2,989	2,738	32,348	30,490	6.1
Educational	1,406	1,520	1,560	1,692	1,714	1,612	17,668	19,857	-11.0
Religious	237	266	265	261	257	261	2,677	3,005	-10.9
Amusement and recreation	1,090	1,150	1,165	1,203	1,182	1,309	13,057	14,290	-8.6
Transportation	1,483	1,514	1,498	1,437	1,414	1,630	15,121	15,073	0.3
Communication	2,103	2,027	1,992	2,010	1,905	2,211	21,097	22,150	-4.8
Power	7,720	7,829	7,692	7,746	7,559	7,482	85,248	80,458	6.0
Manufacturing	5,958	6,370	6,275	6,222	6,218	5,894	66,228	64,236	3.1
Total Public Construction²	27,666	31,328	32,841	33,474	32,764	24,727	305,523	285,991	6.8
Residential	590	631	641	615	546	513	5,941	6,086	-2.4
Nonresidential	27,076	30,697	32,201	32,859	32,218	24,214	299,582	279,905	7.0
Office	946	995	1,023	984	908	788	9,760	9,061	7.7
Commercial	365	393	433	364	410	343	3,939	3,267	20.6
Health care	727	741	824	790	754	777	8,169	8,682	-5.9
Educational	6,375	7,034	7,463	8,274	8,203	5,646	73,561	71,030	3.6
Public safety	891	993	1,000	926	844	811	9,127	8,516	7.2
Amusement and recreation	1,148	1,256	1,280	1,293	1,235	1,067	12,532	11,459	9.4
Transportation	3,323	3,552	3,585	3,562	3,543	2,991	35,284	32,227	9.5
Power	628	645	654	673	560	441	5,831	5,061	15.2
Highway and street	7,970	10,083	10,812	11,072	10,931	7,489	93,261	85,745	8.8
Sewage and waste disposal	2,268	2,507	2,466	2,447	2,397	1,909	23,631	21,702	8.9
Water supply	1,490	1,554	1,534	1,488	1,521	1,142	14,773	14,063	5.0
Conservation and development	803	808	992	872	798	669	8,370	7,528	11.2

^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, January 3, 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	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	0.4	0.7	0.6	0.9
Residential	3.8	3.1	4.1	1.7	7.1
Nonresidential	0.7	0.4	0.7	0.6	0.9
Lodging	1.6	1.3	1.6	0.5	1.8
Office	1.6	1.3	1.5	1.0	1.7
Commercial	1.8	1.1	1.6	1.0	2.0
Health care	1.9	1.7	1.7	1.1	2.9
Educational	1.5	1.2	1.9	0.8	1.9
Religious	6.5	5.2	4.9	3.4	5.7
Public safety	3.3	2.8	3.9	1.9	4.6
Amusement and recreation	2.0	1.5	2.0	1.1	2.5
Transportation	1.2	1.0	1.5	0.6	1.8
Communication	NA	NA	NA	NA	NA
Power	0.3	0.3	0.5	0.3	0.8
Highway and street	3.0	1.7	2.9	2.4	4.4
Sewage and waste disposal	3.2	2.4	3.1	2.5	5.8
Water supply	3.9	2.4	3.9	3.7	8.1
Conservation and development	2.1	1.5	2.1	1.5	2.9
Manufacturing	0.8	1.0	1.2	0.6	1.2
Total Private Construction	0.6	0.5	0.6	0.4	0.8
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	6.1	6.0	3.4	2.0	3.8
Nonresidential	0.6	0.5	0.6	0.4	0.8
Lodging	1.6	1.3	1.5	0.5	1.8
Office	1.8	1.5	1.6	1.2	1.9
Commercial	1.8	1.1	1.7	1.1	2.1
Health care	2.2	1.9	2.0	1.1	3.5
Educational	2.4	2.1	2.3	1.0	2.3
Religious	6.5	5.2	4.9	3.4	5.7
Amusement and recreation	2.1	1.5	1.7	1.4	2.1
Transportation	1.4	1.4	1.3	0.7	1.1
Communication	NA	NA	NA	NA	NA
Power	0.3	0.2	0.4	0.1	0.7
Manufacturing	0.8	1.1	1.3	0.6	1.2
Total Public Construction	1.1	0.7	1.2	0.9	1.7
Residential	3.8	3.1	4.1	1.7	7.1
Nonresidential	1.1	0.7	1.2	1.0	1.7
Office	2.7	1.9	4.0	1.2	3.9
Commercial	4.7	3.0	5.6	1.4	6.1
Health care	2.6	3.4	3.2	2.0	3.5
Educational	1.8	1.4	2.4	0.9	2.3
Public safety	3.3	2.8	4.0	1.9	4.7
Amusement and recreation	3.4	2.7	4.0	1.6	5.4
Transportation	1.5	1.2	1.9	0.7	2.3
Power	6.0	5.6	7.1	6.1	12.4
Highway and street	3.0	1.7	2.9	2.4	4.4
Sewage and waste disposal	3.2	2.4	3.1	2.5	5.9
Water supply	3.9	2.5	3.9	3.7	8.2
Conservation and development	2.1	1.5	2.1	1.5	2.9

NA Not applicable

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