

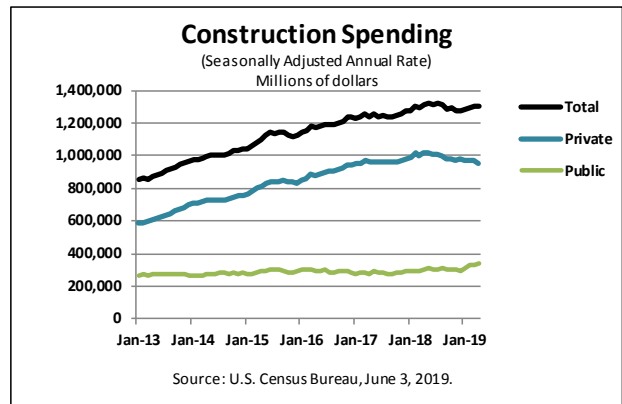
FOR RELEASE AT 10:00 AM EDT, MONDAY, JUNE 3, 2019

## MONTHLY CONSTRUCTION SPENDING, APRIL 2019

Release Number: CB19-77

**June 3, 2019** — The U.S. Census Bureau announced the following value put in place construction statistics for April 2019:

CONSTRUCTION SPENDING	
APRIL 2019	\$1,298.5 billion
MARCH 2019 (revised)	\$1,299.2 billion
Next release: July 1, 2019	
Seasonally Adjusted Annual Rate Source: U.S. Census Bureau, June 3, 2019	



### Total Construction

Construction spending during April 2019 was estimated at a seasonally adjusted annual rate of \$1,298.5 billion, nearly the same as ( $\pm 1.3$  percent)\* the revised March estimate of \$1,299.2 billion. The April figure is 1.2 percent ( $\pm 1.5$  percent)\* below the April 2018 estimate of \$1,314.7 billion. During the first four months of this year, construction spending amounted to \$386.1 billion, 0.2 percent ( $\pm 1.3$  percent)\* above the \$385.5 billion for the same period in 2018.

### Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$954.0 billion, 1.7 percent ( $\pm 1.0$  percent) below the revised March estimate of \$970.4 billion. Residential construction was at a seasonally adjusted annual rate of \$499.3 billion in April, 0.6 percent ( $\pm 1.3$  percent)\* below the revised March estimate of \$502.4 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$454.7 billion in April, 2.9 percent ( $\pm 1.0$  percent) below the revised March estimate of \$468.0 billion.

### Public Construction

In April, the estimated seasonally adjusted annual rate of public construction spending was \$344.6 billion, 4.8 percent ( $\pm 2.5$  percent) above the revised March estimate of \$328.7 billion. Educational construction was at a seasonally adjusted annual rate of \$80.0 billion, 2.1 percent ( $\pm 2.6$  percent)\* above the revised March estimate of \$78.3 billion. Highway construction was at a seasonally adjusted annual rate of \$114.3 billion, 6.8 percent ( $\pm 8.6$  percent)\* above the revised March estimate of \$107.0 billion.

#### Data Inquiries

Economic Indicator Division, Construction Expenditures Branch  
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#### Media Inquiries

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U.S. Department of Commerce  
Economics and Statistics Administration  
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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 May 2019 Monthly Construction Spending Report is scheduled for release on July 1, 2019. View the full schedule in the Economic Briefing Room: <[www.census.gov/economic-indicators/](http://www.census.gov/economic-indicators/)>. The full text and tables for this release can be found at <[www.census.gov/constructionspending/](http://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/](http://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/](http://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.

### Data Inquiries

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**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	Apr 2019 <sup>p</sup>	Mar 2019 <sup>f</sup>	Feb 2019 <sup>f</sup>	Jan 2019	Dec 2018	Apr 2018	Percent change Apr 2019 from -	
							Mar 2019	Apr 2018
<b>Total Construction</b>	<b>1,298,547</b>	<b>1,299,161</b>	<b>1,297,819</b>	<b>1,284,654</b>	<b>1,275,953</b>	<b>1,314,692</b>	<b>0.0</b>	<b>-1.2</b>
Residential	505,904	508,669	514,855	518,012	533,086	569,988	-0.5	-11.2
Nonresidential	792,643	790,492	782,964	766,642	742,866	744,704	0.3	6.4
Lodging	32,360	33,136	32,894	33,341	32,928	32,065	-2.3	0.9
Office	78,217	77,662	76,987	76,625	74,809	71,453	0.7	9.5
Commercial	85,573	88,894	88,172	88,104	84,331	91,691	-3.7	-6.7
Health care	43,098	43,138	42,494	42,527	41,384	41,759	-0.1	3.2
Educational	99,765	98,810	98,857	98,406	96,356	93,393	1.0	6.8
Religious	2,852	2,916	3,116	3,182	3,091	3,326	-2.2	-14.3
Public safety	9,930	9,622	9,967	9,466	9,478	9,108	3.2	9.0
Amusement and recreation	27,162	27,071	27,655	26,990	26,914	25,239	0.3	7.6
Transportation	55,476	53,388	52,358	54,114	51,094	50,413	3.9	10.0
Communication	23,434	23,636	23,316	23,435	24,697	25,242	-0.9	-7.2
Power	100,179	101,618	100,599	99,016	98,189	102,383	-1.4	-2.2
Highway and street	114,682	107,399	107,279	97,994	88,031	94,495	6.8	21.4
Sewage and waste disposal	25,901	25,453	24,426	24,053	22,209	21,763	1.8	19.0
Water supply	16,865	15,365	15,180	14,309	13,295	13,108	9.8	28.7
Conservation and development	8,669	8,633	8,418	8,582	8,078	7,528	0.4	15.2
Manufacturing	68,479	73,752	71,248	66,500	67,983	61,740	-7.1	10.9
<b>Total Private Construction<sup>1</sup></b>	<b>953,982</b>	<b>970,420</b>	<b>970,860</b>	<b>970,057</b>	<b>978,656</b>	<b>1,015,286</b>	<b>-1.7</b>	<b>-6.0</b>
Residential	499,320	502,373	508,722	512,068	527,586	563,367	-0.6	-11.4
New single family	264,747	264,849	267,455	270,127	269,617	286,564	0.0	-7.6
New multifamily	64,830	63,357	62,906	64,102	63,542	60,071	2.3	7.9
Nonresidential	454,663	468,047	462,138	457,988	451,071	451,920	-2.9	0.6
Lodging	31,045	31,993	31,709	32,383	31,660	30,985	-3.0	0.2
Office	67,266	66,887	66,594	66,534	64,960	62,065	0.6	8.4
Commercial	80,734	84,513	83,711	83,241	80,243	88,263	-4.5	-8.5
Health care	33,418	34,773	33,967	33,761	33,030	32,897	-3.9	1.6
Educational	19,791	20,477	20,360	20,883	20,229	20,449	-3.4	-3.2
Religious	2,852	2,916	3,116	3,182	3,091	3,326	-2.2	-14.3
Amusement and recreation	14,416	14,354	14,465	14,525	14,715	14,156	0.4	1.8
Transportation	18,433	17,907	17,609	19,155	17,238	16,480	2.9	11.9
Communication	23,276	23,438	23,177	23,310	24,483	25,069	-0.7	-7.2
Power	93,578	95,575	94,645	93,172	92,294	96,239	-2.1	-2.8
Manufacturing	68,327	73,591	71,089	66,356	67,837	61,286	-7.2	11.5
<b>Total Public Construction<sup>2</sup></b>	<b>344,565</b>	<b>328,741</b>	<b>326,959</b>	<b>314,598</b>	<b>297,296</b>	<b>299,405</b>	<b>4.8</b>	<b>15.1</b>
Residential	6,584	6,296	6,133	5,944	5,501	6,621	4.6	-0.6
Nonresidential	337,980	322,445	320,827	308,653	291,796	292,784	4.8	15.4
Office	10,951	10,775	10,393	10,091	9,849	9,388	1.6	16.6
Commercial	4,839	4,381	4,460	4,863	4,088	3,428	10.5	41.2
Health care	9,679	8,365	8,527	8,766	8,354	8,862	15.7	9.2
Educational	79,974	78,333	78,497	77,523	76,128	72,944	2.1	9.6
Public safety	9,737	9,440	9,766	9,248	9,278	8,992	3.1	8.3
Amusement and recreation	12,747	12,717	13,190	12,465	12,200	11,083	0.2	15.0
Transportation	37,043	35,481	34,750	34,959	33,857	33,933	4.4	9.2
Power	6,600	6,044	5,953	5,845	5,895	6,144	9.2	7.4
Highway and street	114,313	106,994	106,750	97,750	87,774	94,277	6.8	21.3
Sewage and waste disposal	25,224	24,691	23,746	23,333	21,607	21,587	2.2	16.8
Water supply	16,608	15,119	14,924	14,066	13,080	12,946	9.8	28.3
Conservation and development	8,639	8,604	8,390	8,520	8,061	7,493	0.4	15.3

<sup>p</sup> Preliminary <sup>f</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, June 3, 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](http://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	Apr 2019 <sup>p</sup>	Mar 2019 <sup>r</sup>	Feb 2019 <sup>r</sup>	Jan 2019	Dec 2018	Apr 2018	Year-to-date		
							Apr 2019	Apr 2018	Percent change
<b>Total Construction</b>	<b>106,723</b>	<b>99,916</b>	<b>90,605</b>	<b>88,866</b>	<b>95,917</b>	<b>107,210</b>	<b>386,110</b>	<b>385,468</b>	<b>0.2</b>
Residential	43,289	40,646	35,273	34,563	38,099	47,742	153,771	166,363	-7.6
Nonresidential	63,434	59,270	55,332	54,304	57,818	59,468	232,339	219,106	6.0
Lodging	2,740	2,758	2,594	2,607	2,672	2,688	10,699	10,035	6.6
Office	6,459	6,187	5,901	5,833	6,038	5,853	24,380	22,347	9.1
Commercial	7,092	6,968	6,474	6,386	6,637	7,626	26,920	28,174	-4.5
Health care	3,509	3,448	3,287	3,271	3,372	3,393	13,514	13,335	1.3
Educational	7,890	7,183	6,805	6,718	6,850	7,404	28,596	26,838	6.6
Religious	232	224	224	227	245	273	907	956	-5.1
Public safety	819	742	733	727	777	741	3,022	2,749	9.9
Amusement and recreation	2,258	2,109	2,036	2,008	2,107	2,106	8,410	7,719	9.0
Transportation	4,557	3,981	3,629	3,799	4,064	4,102	15,965	14,747	8.3
Communication	1,910	1,912	1,725	1,739	2,333	1,986	7,285	7,954	-8.4
Power	8,371	8,172	7,974	7,952	8,276	8,462	32,469	31,743	2.3
Highway and street	8,039	5,880	5,124	4,659	5,211	6,538	23,702	20,188	17.4
Sewage and waste disposal	2,096	1,937	1,690	1,669	1,687	1,725	7,391	6,382	15.8
Water supply	1,382	1,168	1,073	1,014	1,014	1,068	4,637	3,852	20.4
Conservation and development	671	688	643	606	660	587	2,609	2,254	15.7
Manufacturing	5,410	5,914	5,421	5,089	5,874	4,917	21,834	19,834	10.1
<b>Total Private Construction<sup>1</sup></b>	<b>80,186</b>	<b>77,489</b>	<b>70,011</b>	<b>69,100</b>	<b>74,982</b>	<b>84,300</b>	<b>296,786</b>	<b>305,604</b>	<b>-2.9</b>
Residential	42,735	40,176	34,837	34,153	37,664	47,190	151,902	164,372	-7.6
New single family	21,464	20,662	17,775	18,738	20,007	23,313	78,639	84,650	-7.1
New multifamily	5,606	5,143	4,897	5,004	4,890	5,170	20,649	19,144	7.9
Nonresidential	37,451	37,313	35,174	34,947	37,317	37,110	144,884	141,232	2.6
Lodging	2,630	2,663	2,495	2,527	2,567	2,598	10,316	9,710	6.2
Office	5,550	5,342	5,132	5,090	5,235	5,093	21,114	19,545	8.0
Commercial	6,709	6,633	6,142	6,036	6,304	7,359	25,519	27,143	-6.0
Health care	2,718	2,772	2,619	2,589	2,694	2,671	10,697	10,464	2.2
Educational	1,670	1,610	1,516	1,545	1,527	1,730	6,341	6,402	-1.0
Religious	232	224	224	227	245	273	907	956	-5.1
Amusement and recreation	1,205	1,145	1,114	1,134	1,188	1,193	4,598	4,513	1.9
Transportation	1,526	1,284	1,158	1,357	1,465	1,337	5,324	4,725	12.7
Communication	1,897	1,895	1,713	1,728	2,315	1,972	7,233	7,906	-8.5
Power	7,796	7,725	7,534	7,532	7,818	7,949	30,586	29,984	2.0
Manufacturing	5,397	5,901	5,408	5,077	5,862	4,879	21,783	19,684	10.7
<b>Total Public Construction<sup>2</sup></b>	<b>26,538</b>	<b>22,426</b>	<b>20,594</b>	<b>19,767</b>	<b>20,936</b>	<b>22,910</b>	<b>89,324</b>	<b>79,864</b>	<b>11.8</b>
Residential	555	470	436	409	435	552	1,869	1,991	-6.1
Nonresidential	25,983	21,957	20,158	19,357	20,501	22,358	87,455	77,874	12.3
Office	908	845	770	743	803	760	3,266	2,802	16.6
Commercial	383	335	332	350	334	267	1,401	1,031	35.9
Health care	791	676	667	682	679	722	2,817	2,871	-1.9
Educational	6,219	5,573	5,290	5,173	5,323	5,674	22,254	20,436	8.9
Public safety	803	728	718	709	762	730	2,958	2,714	9.0
Amusement and recreation	1,053	964	922	874	919	914	3,813	3,206	18.9
Transportation	3,031	2,697	2,471	2,442	2,599	2,765	10,641	10,023	6.2
Power	574	447	441	420	458	513	1,883	1,759	7.0
Highway and street	8,012	5,852	5,089	4,642	5,194	6,521	23,595	20,125	17.2
Sewage and waste disposal	2,041	1,879	1,640	1,622	1,640	1,710	7,181	6,333	13.4
Water supply	1,363	1,150	1,055	997	997	1,054	4,564	3,805	19.9
Conservation and development	669	685	641	601	659	584	2,596	2,246	15.6

<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, June 3, 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](http://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
<b>Total Construction</b>	<b>0.8</b>	<b>0.6</b>	<b>0.8</b>	<b>0.8</b>	<b>0.9</b>
Residential	3.4	4.7	5.5	3.1	4.9
Nonresidential	0.8	0.6	0.8	0.8	0.9
Lodging	1.8	1.6	2.2	1.1	1.9
Office	1.8	1.6	1.8	1.1	2.0
Commercial	2.0	2.5	2.6	2.3	1.8
Health care	1.7	1.5	1.8	1.2	2.2
Educational	1.9	1.3	2.2	1.3	2.3
Religious	6.0	6.1	6.1	3.2	5.9
Public safety	3.1	2.4	3.3	1.6	3.2
Amusement and recreation	2.5	1.9	2.4	2.3	3.2
Transportation	1.3	0.8	1.4	0.9	1.3
Communication	NA	NA	NA	NA	NA
Power	0.4	0.5	0.3	0.6	0.7
Highway and street	3.4	2.6	4.4	5.2	5.6
Sewage and waste disposal	3.5	2.7	4.3	3.5	5.3
Water supply	4.4	3.9	6.1	5.4	8.3
Conservation and development	2.1	1.8	3.1	2.3	4.0
Manufacturing	0.8	0.6	1.4	0.7	1.2
<b>Total Private Construction</b>	<b>0.6</b>	<b>0.7</b>	<b>0.9</b>	<b>0.6</b>	<b>0.8</b>
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	5.9	6.1	3.7	1.8	4.4
Nonresidential	0.6	0.7	0.9	0.6	0.8
Lodging	1.8	1.7	2.1	1.1	1.8
Office	2.0	1.8	2.0	1.3	2.1
Commercial	2.0	2.7	2.6	2.4	1.9
Health care	2.1	1.9	2.2	1.4	2.7
Educational	2.3	2.0	2.7	1.9	3.0
Religious	6.0	6.1	6.1	3.2	5.9
Amusement and recreation	2.6	1.8	2.3	1.6	2.4
Transportation	1.2	1.5	2.1	0.5	2.0
Communication	NA	NA	NA	NA	NA
Power	0.3	0.5	0.3	0.6	0.7
Manufacturing	0.8	0.6	1.4	0.7	1.2
<b>Total Public Construction</b>	<b>1.3</b>	<b>0.9</b>	<b>1.5</b>	<b>1.5</b>	<b>1.9</b>
Residential	3.4	4.7	5.5	3.1	4.9
Nonresidential	1.4	0.9	1.5	1.5	1.9
Office	3.9	3.0	4.3	2.1	7.7
Commercial	5.5	4.7	9.2	4.6	7.7
Health care	2.5	2.2	2.5	2.3	2.6
Educational	2.3	1.5	2.7	1.6	2.9
Public safety	3.1	2.4	3.3	1.6	3.2
Amusement and recreation	4.3	3.4	4.8	4.5	7.0
Transportation	1.6	1.0	1.8	1.3	1.7
Power	6.8	4.8	5.2	5.1	8.1
Highway and street	3.4	2.6	4.4	5.2	5.6
Sewage and waste disposal	3.6	2.7	4.2	3.6	5.3
Water supply	4.5	4.0	6.2	5.4	8.4
Conservation and development	2.1	1.8	3.1	2.3	4.0

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, June 3, 2019. Additional information on the survey methodology may be found at <[www.census.gov/construction/c30/meth.html](http://www.census.gov/construction/c30/meth.html)>