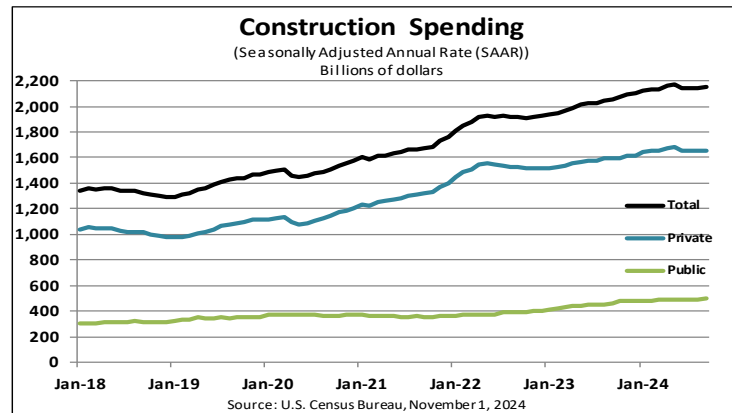
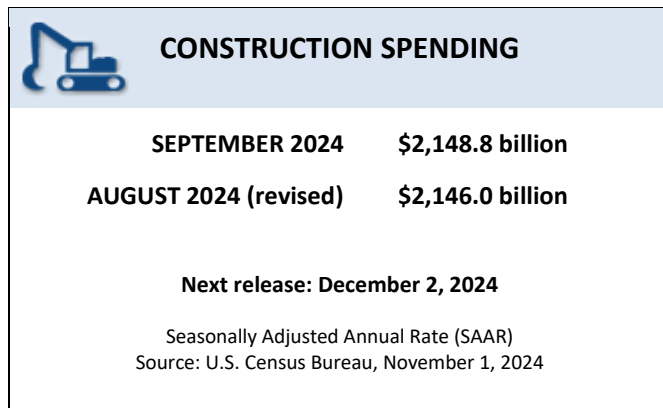


FOR RELEASE AT 10:00 AM EDT, FRIDAY, NOVEMBER 1, 2024

## MONTHLY CONSTRUCTION SPENDING, SEPTEMBER 2024

Release Number: CB24-177

**November 1, 2024** — The U.S. Census Bureau announced the following value put in place construction statistics for September 2024:



### Total Construction

Construction spending during September 2024 was estimated at a seasonally adjusted annual rate of \$2,148.8 billion, 0.1 percent ( $\pm 1.0$  percent)\* above the revised August estimate of \$2,146.0 billion. The September figure is 4.6 percent ( $\pm 1.6$  percent) above the September 2023 estimate of \$2,055.2 billion. During the first nine months of this year, construction spending amounted to \$1,621.4 billion, 7.3 percent ( $\pm 1.2$  percent) above the \$1,511.4 billion for the same period in 2023.

### Private Construction

Spending on private construction was at a seasonally adjusted annual rate of \$1,653.6 billion, virtually unchanged from ( $\pm 0.5$  percent)\* the revised August estimate of \$1,653.2 billion. Residential construction was at a seasonally adjusted annual rate of \$913.6 billion in September, 0.2 percent ( $\pm 1.3$  percent)\* above the revised August estimate of \$912.2 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$740.0 billion in September, 0.1 percent ( $\pm 0.5$  percent)\* below the revised August estimate of \$741.0 billion.

### Public Construction

In September, the estimated seasonally adjusted annual rate of public construction spending was \$495.2 billion, 0.5 percent ( $\pm 1.8$  percent)\* above the revised August estimate of \$492.9 billion. Educational construction was at a seasonally adjusted annual rate of \$104.2 billion, 0.3 percent ( $\pm 2.1$  percent)\* above the revised August estimate of \$103.9 billion. Highway construction was at a seasonally adjusted annual rate of \$141.0 billion, 0.5 percent ( $\pm 4.4$  percent)\* above the revised August estimate of \$140.3 billion.

#### Data Inquiries

Economic Indicator Division, Construction Expenditures Branch  
301-763-1605  
[eid.ceb.customer.service@census.gov](mailto:eid.ceb.customer.service@census.gov)

#### Media Inquiries

Public Information Office  
301-763-3030  
[pio@census.gov](mailto:pio@census.gov)



U.S. Department of Commerce  
U.S. CENSUS BUREAU  
[census.gov](https://www.census.gov)

The October 2024 Monthly Construction Spending Report is scheduled for release on December 2, 2024. View the full schedule in the Economic Briefing Room: <[www.census.gov/economic-indicators/](https://www.census.gov/economic-indicators/)>. The full text and tables for this release can be found at <[www.census.gov/constructionspending/](https://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 percent ( $\pm 3.1$  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, 0.88 percent; private construction, 0.85 percent; and public construction, 2.18 percent.

Explanations of confidence intervals and sampling variability can be found on our website at <[www.census.gov/construction/c30/meth.html/](https://www.census.gov/construction/c30/meth.html/)>.

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure avoidance protection of the confidential source data (Disclosure Review Board (DRB) approval number: CBDRB-FY24- 0336).

## 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/](https://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.

###

\* 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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[census.gov](https://www.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	Sep 2024 <sup>p</sup>	Aug 2024 <sup>r</sup>	Jul 2024 <sup>r</sup>	Jun 2024	May 2024	Sep 2023	Percent change Sep 2024 from -	
							Aug 2024	Sep 2023
<b>Total Construction</b>	<b>2,148,805</b>	<b>2,146,048</b>	<b>2,143,139</b>	<b>2,143,970</b>	<b>2,168,211</b>	<b>2,055,216</b>	<b>0.1</b>	<b>4.6</b>
Residential	925,359	923,646	921,141	923,630	953,150	888,453	0.2	4.2
Nonresidential	1,223,447	1,222,402	1,221,997	1,220,340	1,215,061	1,166,763	0.1	4.9
Lodging	23,483	23,411	23,248	23,306	23,330	25,202	0.3	-6.8
Office	100,546	100,598	100,914	99,466	98,620	98,950	-0.1	1.6
Commercial	125,304	124,999	124,989	125,371	126,084	144,449	0.2	-13.3
Health care	66,508	66,898	66,932	68,091	67,793	65,905	-0.6	0.9
Educational	129,245	128,825	128,842	128,102	127,896	124,592	0.3	3.7
Religious	3,910	3,815	3,770	3,998	3,975	3,961	2.5	-1.3
Public safety	19,552	19,570	19,370	19,147	18,551	14,654	-0.1	33.4
Amusement and recreation	41,525	41,570	41,490	41,028	40,130	37,261	-0.1	11.4
Transportation	70,127	69,552	69,688	67,887	67,556	65,400	0.8	7.2
Communication	28,551	28,649	28,319	28,438	28,430	28,480	-0.3	0.2
Power	146,275	146,558	147,817	146,891	145,187	137,584	-0.2	6.3
Highway and street	141,948	141,361	140,301	141,849	143,603	139,813	0.4	1.5
Sewage and waste disposal	45,821	45,575	46,196	45,414	45,477	44,263	0.5	3.5
Water supply	33,551	33,333	33,727	31,253	31,126	28,667	0.7	17.0
Conservation and development	11,754	11,935	11,931	11,733	11,494	12,197	-1.5	-3.6
Manufacturing	235,347	235,755	234,466	238,365	235,810	195,384	-0.2	20.5
<b>Total Private Construction<sup>1</sup></b>	<b>1,653,624</b>	<b>1,653,160</b>	<b>1,650,447</b>	<b>1,658,049</b>	<b>1,681,107</b>	<b>1,592,388</b>	<b>0.0</b>	<b>3.8</b>
Residential <sup>2</sup>	913,632	912,186	909,800	912,102	941,231	877,629	0.2	4.1
New single family	418,867	417,229	422,675	428,817	434,234	415,287	0.4	0.9
New multifamily	127,045	127,171	127,537	128,754	129,899	138,249	-0.1	-8.1
Nonresidential	739,992	740,973	740,647	745,947	739,876	714,759	-0.1	3.5
Lodging	22,775	22,744	22,633	22,566	22,681	24,761	0.1	-8.0
Office	83,852	84,066	84,171	83,637	82,334	83,798	-0.3	0.1
Commercial	119,191	118,927	119,003	119,707	120,517	139,861	0.2	-14.8
Health care	52,340	52,922	53,333	54,741	54,454	52,564	-1.1	-0.4
Educational	25,077	24,936	25,028	25,223	24,264	24,332	0.6	3.1
Religious	3,910	3,815	3,770	3,998	3,975	3,961	2.5	-1.3
Amusement and recreation	18,894	18,890	18,994	19,173	18,648	19,179	0.0	-1.5
Transportation	22,563	22,576	22,394	21,727	21,296	20,048	-0.1	12.5
Communication	27,785	27,882	27,543	27,774	27,766	28,030	-0.3	-0.9
Power	125,403	125,543	126,524	125,670	124,879	118,539	-0.1	5.8
Manufacturing	234,302	234,803	233,283	237,617	234,970	194,941	-0.2	20.2
<b>Total Public Construction<sup>3</sup></b>	<b>495,182</b>	<b>492,888</b>	<b>492,691</b>	<b>485,921</b>	<b>487,104</b>	<b>462,829</b>	<b>0.5</b>	<b>7.0</b>
Residential	11,727	11,459	11,342	11,528	11,919	10,824	2.3	8.3
Nonresidential	483,455	481,429	481,350	474,393	475,185	452,005	0.4	7.0
Office	16,694	16,532	16,743	15,830	16,287	15,153	1.0	10.2
Commercial	6,113	6,073	5,986	5,664	5,567	4,588	0.7	33.2
Health care	14,168	13,976	13,599	13,350	13,339	13,342	1.4	6.2
Educational	104,168	103,888	103,814	102,879	103,632	100,260	0.3	3.9
Public safety	19,267	19,328	19,088	18,890	18,314	14,407	-0.3	33.7
Amusement and recreation	22,631	22,681	22,496	21,855	21,483	18,082	-0.2	25.2
Transportation	47,565	46,976	47,294	46,160	46,260	45,352	1.3	4.9
Power	20,873	21,014	21,294	21,222	20,308	19,046	-0.7	9.6
Highway and street	141,049	140,349	139,273	140,770	142,572	138,694	0.5	1.7
Sewage and waste disposal	44,561	44,342	44,829	44,205	43,854	42,351	0.5	5.2
Water supply	32,244	32,120	32,586	29,981	30,122	27,283	0.4	18.2
Conservation and development	11,604	11,764	11,775	11,434	11,297	12,116	-1.4	-4.2

<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 private residential improvements.

<sup>3</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, November 1, 2024.  
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	Sep 2024 <sup>p</sup>	Aug 2024 <sup>r</sup>	Jul 2024 <sup>r</sup>	Jun 2024	May 2024	Sep 2023	Year-to-date		
							Sep 2024	Sep 2023	Percent change
<b>Total Construction</b>	<b>191,204</b>	<b>198,209</b>	<b>195,936</b>	<b>194,475</b>	<b>190,293</b>	<b>184,366</b>	<b>1,621,367</b>	<b>1,511,401</b>	<b>7.3</b>
Residential	81,487	86,827	85,912	86,056	86,839	78,724	709,946	664,125	6.9
Nonresidential	109,717	111,382	110,025	108,419	103,454	105,642	911,422	847,276	7.6
Lodging	1,981	1,985	1,952	1,996	2,012	2,127	17,529	18,609	-5.8
Office	8,895	8,812	8,677	8,571	8,333	8,737	75,460	74,150	1.8
Commercial	10,972	10,948	10,867	10,838	10,639	12,777	94,935	107,645	-11.8
Health care	5,723	5,686	5,673	5,780	5,769	5,693	50,934	48,262	5.5
Educational	11,269	12,649	12,872	12,533	11,150	10,879	98,272	90,285	8.8
Religious	346	338	324	338	331	349	3,035	2,713	11.9
Public safety	1,739	1,702	1,670	1,681	1,628	1,300	14,137	10,331	36.8
Amusement and recreation	3,726	3,706	3,681	3,629	3,474	3,318	29,795	26,712	11.5
Transportation	6,409	6,318	6,218	6,011	5,802	6,011	50,525	48,665	3.8
Communication	2,394	2,409	2,352	2,273	2,381	2,384	20,826	20,239	2.9
Power	12,466	12,507	12,494	12,550	12,151	11,824	109,846	98,141	11.9
Highway and street	15,191	15,958	15,424	14,224	12,997	15,483	108,525	102,593	5.8
Sewage and waste disposal	4,255	4,284	4,213	4,169	3,886	4,103	33,652	30,790	9.3
Water supply	3,083	3,109	3,043	2,908	2,751	2,624	24,043	20,544	17.0
Conservation and development	1,224	1,092	1,040	936	931	1,213	8,697	8,587	1.3
Manufacturing	20,046	19,878	19,526	19,983	19,219	16,821	171,213	139,010	23.2
<b>Total Private Construction<sup>1</sup></b>	<b>143,936</b>	<b>149,206</b>	<b>147,735</b>	<b>148,446</b>	<b>147,594</b>	<b>139,584</b>	<b>1,253,084</b>	<b>1,176,943</b>	<b>6.5</b>
Residential <sup>2</sup>	80,432	85,807	84,896	85,040	85,791	77,742	701,188	656,093	6.9
New single family	38,079	38,209	38,510	38,375	37,387	38,044	322,698	294,194	9.7
New multifamily	10,685	10,837	10,601	11,049	11,107	11,666	97,647	102,449	-4.7
Nonresidential	63,504	63,399	62,839	63,406	61,802	61,842	551,896	520,851	6.0
Lodging	1,922	1,930	1,901	1,935	1,958	2,091	17,038	18,295	-6.9
Office	7,386	7,329	7,226	7,169	6,932	7,366	63,238	63,261	0.0
Commercial	10,417	10,427	10,350	10,356	10,176	12,361	90,929	104,184	-12.7
Health care	4,461	4,485	4,502	4,648	4,630	4,515	40,690	38,437	5.9
Educational	2,085	2,228	2,271	2,320	2,161	2,024	19,030	17,355	9.7
Religious	346	338	324	338	331	349	3,035	2,713	11.9
Amusement and recreation	1,628	1,637	1,630	1,641	1,597	1,649	13,801	14,013	-1.5
Transportation	1,975	1,923	1,927	1,894	1,828	1,767	15,814	15,171	4.2
Communication	2,330	2,345	2,288	2,218	2,326	2,346	20,326	19,945	1.9
Power	10,639	10,603	10,655	10,602	10,361	10,161	94,202	85,932	9.6
Manufacturing	19,959	19,799	19,427	19,920	19,149	16,784	170,568	138,627	23.0
<b>Total Public Construction<sup>3</sup></b>	<b>47,268</b>	<b>49,003</b>	<b>48,201</b>	<b>46,029</b>	<b>42,699</b>	<b>44,783</b>	<b>368,284</b>	<b>334,458</b>	<b>10.1</b>
Residential	1,055	1,020	1,016	1,016	1,048	982	8,758	8,032	9.0
Nonresidential	46,213	47,984	47,186	45,013	41,651	43,801	359,525	326,425	10.1
Office	1,509	1,483	1,451	1,401	1,401	1,372	12,222	10,889	12.2
Commercial	555	521	518	482	463	416	4,006	3,461	15.7
Health care	1,262	1,201	1,171	1,132	1,138	1,178	10,244	9,825	4.3
Educational	9,184	10,421	10,601	10,213	8,989	8,854	79,242	72,930	8.7
Public safety	1,714	1,680	1,643	1,656	1,606	1,279	13,946	10,186	36.9
Amusement and recreation	2,098	2,069	2,051	1,988	1,877	1,668	15,993	12,698	25.9
Transportation	4,433	4,395	4,291	4,117	3,974	4,244	34,711	33,494	3.6
Power	1,827	1,905	1,840	1,948	1,790	1,662	15,644	12,209	28.1
Highway and street	15,114	15,866	15,334	14,129	12,905	15,391	107,751	101,843	5.8
Sewage and waste disposal	4,140	4,174	4,103	4,060	3,749	3,927	32,458	29,696	9.3
Water supply	2,956	2,993	2,944	2,797	2,665	2,491	23,101	19,653	17.5
Conservation and development	1,212	1,077	1,027	911	915	1,206	8,570	8,552	0.2

<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 private residential improvements.

<sup>3</sup>Includes the following categories of public construction not shown separately:  
lodging, religious, communication, and manufacturing.

Source: U.S. Census Bureau, Construction Spending, November 1, 2024.

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>0.7</b>	<b>0.5</b>	<b>0.7</b>	<b>0.6</b>	<b>1.0</b>
Residential	5.4	5.2	5.5	2.8	6.2
Nonresidential	0.7	0.5	0.7	0.6	1.0
Lodging	2.5	2.2	2.7	1.0	2.9
Office	1.8	1.3	1.9	0.9	2.1
Commercial	2.4	1.8	1.9	1.0	1.9
Health care	1.5	1.4	1.7	0.8	2.0
Educational	1.9	1.4	2.3	1.1	2.8
Religious	8.5	5.9	8.1	3.3	9.6
Public safety	3.6	3.1	4.6	1.7	5.1
Amusement and recreation	2.5	2.1	2.8	1.5	3.4
Transportation	2.5	2.3	2.2	1.0	2.2
Communication	NA	NA	NA	NA	NA
Power	0.4	0.5	0.7	0.4	0.7
Highway and street	3.1	1.7	2.8	2.7	4.7
Sewage and waste disposal	2.5	1.7	2.5	2.4	4.2
Water supply	3.0	2.0	3.5	2.6	4.7
Conservation and development	6.0	4.0	4.7	4.7	8.9
Manufacturing	0.8	0.8	1.0	0.5	1.2
<b>Total Private Construction</b>	<b>0.7</b>	<b>0.6</b>	<b>0.8</b>	<b>0.3</b>	<b>0.8</b>
Residential	5.0	1.1	1.3	0.8	1.4
New single family	8.7	9.7	2.5	0.6	1.8
New multifamily	7.6	7.5	2.5	1.0	2.8
Nonresidential	0.7	0.6	0.8	0.3	0.8
Lodging	2.6	2.2	2.7	1.0	3.0
Office	2.0	1.4	2.1	1.0	2.2
Commercial	2.5	1.9	1.9	1.1	1.9
Health care	1.8	1.7	2.0	0.9	2.2
Educational	3.3	2.7	3.2	1.4	3.8
Religious	8.5	5.9	8.1	3.3	9.6
Amusement and recreation	3.2	2.7	3.2	1.5	3.4
Transportation	3.1	3.2	2.9	2.1	4.5
Communication	NA	NA	NA	NA	NA
Power	0.3	0.4	0.6	0.2	0.5
Manufacturing	0.7	0.7	1.0	0.5	1.0
<b>Total Public Construction</b>	<b>1.2</b>	<b>0.8</b>	<b>1.3</b>	<b>1.1</b>	<b>2.1</b>
Residential	5.4	5.2	5.5	2.8	6.2
Nonresidential	1.3	0.8	1.3	1.1	2.1
Office	3.8	4.0	4.4	2.3	5.1
Commercial	8.6	8.2	11.6	3.5	14.6
Health care	2.4	2.1	2.6	1.5	4.1
Educational	2.2	1.7	2.8	1.3	3.4
Public safety	3.6	3.2	4.6	1.7	5.1
Amusement and recreation	3.8	3.1	4.7	2.4	6.0
Transportation	3.0	2.7	2.6	1.1	2.4
Power	6.0	5.1	7.3	5.0	9.2
Highway and street	3.1	1.7	2.8	2.7	4.7
Sewage and waste disposal	2.6	1.7	2.6	2.4	4.4
Water supply	3.1	2.1	3.6	2.6	4.8
Conservation and development	6.0	4.1	4.7	4.8	8.9

NA Not applicable

Source: U.S. Census Bureau, Construction Spending, November 1, 2024. Additional information on the survey methodology may be found at [www.census.gov/construction/c30/meth.html](https://www.census.gov/construction/c30/meth.html)