

U.S. Census Bureau News

U.S. Department of Commerce • Washington, D.C. 20233

Michael Davis, Joe Huesman or Linnet Holland
(301) 763-1605

For Release at 10:00 A.M. EST, Tuesday, March 1, 2005
CB05-27

JANUARY 2005 CONSTRUCTION AT \$1,047.3 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during January 2005 was estimated at a seasonally adjusted annual rate of \$1,047.3 billion, 0.7 percent ($\pm 1.4\%$)* above the revised December estimate of \$1,040.3 billion. The January figure is 10.6 percent ($\pm 2.2\%$) above the January 2004 estimate of \$946.5 billion.

PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$805.7 billion, 0.6 percent ($\pm 1.9\%$)* above the revised December estimate of \$800.6 billion. Residential construction was at a seasonally adjusted annual rate of \$574.5 billion in January, 0.4 percent ($\pm 1.3\%$)* above the revised December estimate of \$572.0 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$231.3 billion in January, 1.2 percent ($\pm 1.9\%$)* above the revised December estimate of \$228.6 billion.

PUBLIC CONSTRUCTION

In January, the estimated seasonally adjusted annual rate of public construction spending was \$241.6 billion, 0.8 percent ($\pm 1.9\%$)* above the revised December estimate of \$239.7 billion. Educational construction was at a seasonally adjusted annual rate of \$65.3 billion, 0.8 percent ($\pm 3.5\%$)* above the revised December estimate of \$64.8 billion. Highway construction was at a seasonally adjusted annual rate of \$71.8 billion, 4.4 percent ($\pm 4.6\%$)* above the revised December estimate of \$68.8 billion.

February 2005 data will be released on April 1, 2005 at 10:00 A.M. EST.

For more detailed data and methodologies, go to our website:

<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 (± 3.1) percent above" appears in the text, this indicates the range (-0.8 to +5.4 percent) in which the actual percent 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, 0.7 percent; private construction, 0.6 percent; and public construction, 2.0 percent.

* 90% confidence interval includes zero. The U.S. Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

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	Jan 2005 ^P	Dec 2004 ^r	Nov 2004 ^r	Oct 2004	Sep 2004	Jan 2004	Percent change Jan 2005 from -	
							Dec 2004	Jan 2004
Total Construction	1,047,279	1,040,290	1,027,571	1,017,416	1,013,605	946,544	0.7	10.6
Residential	582,273	579,634	571,201	563,488	565,332	520,550	0.5	11.9
Nonresidential	465,006	460,656	456,370	453,928	448,273	425,994	0.9	9.2
Lodging	12,317	12,680	13,409	13,559	13,234	9,524	-2.9	29.3
Office	44,025	44,464	44,436	44,407	43,244	40,153	-1.0	9.6
Commercial	67,953	67,552	67,783	67,718	67,374	61,238	0.6	11.0
Health care	32,910	33,031	33,350	32,969	33,267	29,735	-0.4	10.7
Educational	77,977	77,727	76,496	76,225	76,876	71,386	0.3	9.2
Religious	8,213	8,150	7,916	7,908	8,209	7,690	0.8	6.8
Public safety	8,160	8,576	8,451	7,975	8,680	8,303	-4.9	-1.7
Amusement and recreation	19,429	19,648	19,203	19,261	19,641	20,198	-1.1	-3.8
Transportation	25,849	25,601	25,882	26,261	25,195	24,875	1.0	3.9
Communication	15,703	14,394	13,765	14,283	13,431	11,098	9.1	41.5
Power	34,216	32,953	32,453	32,496	31,564	36,791	3.8	-7.0
Highway and street	72,248	69,191	67,073	65,644	62,719	62,527	4.4	15.5
Sewage and waste disposal	15,002	14,828	14,818	14,778	14,654	14,249	1.2	5.3
Water supply	9,846	9,826	9,668	9,670	10,430	10,540	0.2	-6.6
Conservation and development	4,000	4,204	4,528	4,871	5,013	3,793	-4.9	5.5
Manufacturing	17,160	17,832	17,139	15,903	14,743	13,894	-3.8	23.5
Total Private Construction ¹	805,721	800,606	791,373	784,274	782,172	723,972	0.6	11.3
Residential	574,469	572,028	563,450	556,233	557,286	513,899	0.4	11.8
Nonresidential	231,252	228,578	227,923	228,041	224,886	210,073	1.2	10.1
Lodging	11,989	12,311	12,907	13,313	12,990	8,664	-2.6	38.4
Office	31,641	31,814	32,093	32,195	31,583	29,197	-0.5	8.4
Commercial	63,557	63,185	63,308	63,603	63,312	56,885	0.6	11.7
Health care	25,955	25,970	26,456	25,862	26,334	23,376	-0.1	11.0
Educational	12,714	12,969	13,087	13,449	13,103	12,686	-2.0	0.2
Religious	8,207	8,139	7,891	7,902	8,204	7,689	0.8	6.7
Amusement and recreation	9,155	8,920	8,708	9,107	8,854	7,769	2.6	17.8
Transportation	6,512	6,419	6,439	6,454	6,477	6,958	1.4	-6.4
Communication	15,606	14,314	13,653	14,205	13,261	10,955	9.0	42.5
Power	27,511	25,493	25,186	24,793	24,426	30,605	7.9	-10.1
Manufacturing	17,050	17,673	16,963	15,755	14,519	13,764	-3.5	23.9
Total Public Construction ²	241,559	239,684	236,198	233,142	231,432	222,572	0.8	8.5
Residential	7,804	7,607	7,751	7,254	8,046	6,651	2.6	17.3
Nonresidential	233,754	232,078	228,447	225,887	223,387	215,921	0.7	8.3
Office	12,384	12,650	12,343	12,212	11,661	10,956	-2.1	13.0
Commercial	4,396	4,367	4,475	4,115	4,062	4,353	0.7	1.0
Health care	6,954	7,061	6,894	7,108	6,933	6,360	-1.5	9.3
Educational	65,263	64,758	63,409	62,776	63,774	58,700	0.8	11.2
Public safety	7,870	8,299	8,183	7,663	8,373	8,073	-5.2	-2.5
Amusement and recreation	10,275	10,728	10,496	10,154	10,787	12,429	-4.2	-17.3
Transportation	19,337	19,182	19,443	19,807	18,718	17,917	0.8	7.9
Power	6,705	7,460	7,267	7,703	7,138	6,186	-10.1	8.4
Highway and street	71,840	68,786	66,722	65,228	62,294	62,096	4.4	15.7
Sewage and waste disposal	14,728	14,587	14,593	14,583	14,445	13,823	1.0	6.5
Water supply	9,563	9,557	9,365	9,283	9,988	10,292	0.1	-7.1
Conservation and development	3,900	4,024	4,442	4,778	4,573	3,603	-3.1	8.2

^P Preliminary ^r Revised

¹ 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.

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

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	Jan 2005 ^p	Dec 2004 ^r	Nov 2004 ^r	Oct 2004	Sep 2004	Jan 2004	Year-to-date		
							Jan 2005	Jan 2004	Percent change
Total Construction	73,019	78,384	88,233	92,057	94,810	65,862	73,019	65,862	10.9
Residential	40,626	42,740	49,575	51,663	52,683	35,873	40,626	35,873	13.2
Nonresidential	32,392	35,645	38,657	40,394	42,127	29,989	32,392	29,989	8.0
Lodging	1,026	1,057	1,117	1,130	1,103	794	1,026	794	29.2
Office	3,347	3,583	3,804	3,786	3,876	3,078	3,347	3,078	8.7
Commercial	4,933	5,278	5,802	6,072	6,246	4,439	4,933	4,439	11.1
Health care	2,528	2,689	2,842	2,790	2,818	2,329	2,528	2,329	8.5
Educational	5,481	5,778	6,068	6,486	7,190	5,068	5,481	5,068	8.1
Religious	617	647	689	710	728	576	617	576	7.1
Public safety	629	707	748	704	796	645	629	645	-2.5
Amusement and recreation	1,415	1,567	1,640	1,709	1,729	1,487	1,415	1,487	-4.8
Transportation	1,772	1,985	2,264	2,419	2,393	1,711	1,772	1,711	3.6
Communication	1,063	1,374	1,255	1,256	1,155	784	1,063	784	35.6
Power	2,733	2,816	2,756	2,789	2,782	2,862	2,733	2,862	-4.5
Highway and street	3,474	4,413	5,687	6,513	7,188	3,133	3,474	3,133	10.9
Sewage and waste disposal	1,045	1,110	1,294	1,358	1,385	995	1,045	995	5.0
Water supply	711	770	831	898	956	754	711	754	-5.7
Conservation and development	303	347	383	398	509	286	303	286	5.9
Manufacturing	1,317	1,526	1,478	1,377	1,273	1,048	1,317	1,048	25.7
Total Private Construction ¹	57,473	60,826	68,451	70,949	71,534	51,216	57,473	51,216	12.2
Residential	40,053	42,115	48,924	51,041	51,890	35,381	40,053	35,381	13.2
Nonresidential	17,421	18,711	19,527	19,909	19,644	15,835	17,421	15,835	10.0
Lodging	999	1,026	1,076	1,109	1,083	722	999	722	38.4
Office	2,413	2,571	2,789	2,818	2,760	2,241	2,413	2,241	7.7
Commercial	4,621	4,925	5,424	5,750	5,822	4,125	4,621	4,125	12.0
Health care	1,977	2,107	2,251	2,208	2,189	1,830	1,977	1,830	8.0
Educational	928	999	1,055	1,126	1,135	924	928	924	0.4
Religious	616	646	687	710	728	576	616	576	6.9
Amusement and recreation	703	719	736	785	749	605	703	605	16.2
Transportation	443	522	569	586	592	475	443	475	-6.7
Communication	1,055	1,368	1,246	1,249	1,141	773	1,055	773	36.5
Power	2,257	2,208	2,124	2,080	2,023	2,416	2,257	2,416	-6.6
Manufacturing	1,308	1,513	1,464	1,365	1,254	1,037	1,308	1,037	26.1
Total Public Construction ²	15,545	17,559	19,781	21,107	23,276	14,646	15,545	14,646	6.1
Residential	573	625	651	622	793	492	573	492	16.5
Nonresidential	14,972	16,934	19,130	20,485	22,483	14,154	14,972	14,154	5.8
Office	934	1,012	1,015	968	1,116	838	934	838	11.5
Commercial	312	353	378	322	424	314	312	314	-0.6
Health care	551	582	590	582	630	499	551	499	10.4
Educational	4,553	4,778	5,012	5,360	6,054	4,144	4,553	4,144	9.9
Public safety	604	684	725	678	771	625	604	625	-3.4
Amusement and recreation	712	848	904	924	980	882	712	882	-19.3
Transportation	1,329	1,463	1,695	1,833	1,802	1,236	1,329	1,236	7.5
Power	476	608	632	709	759	446	476	446	6.7
Highway and street	3,442	4,383	5,655	6,479	7,144	3,102	3,442	3,102	11.0
Sewage and waste disposal	1,024	1,091	1,274	1,340	1,367	965	1,024	965	6.1
Water supply	695	749	805	860	911	739	695	739	-6.0
Conservation and development	295	332	376	390	473	271	295	271	8.9

^p Preliminary ^r Revised

¹ 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.

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

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	1.0	0.9	1.4	0.9	1.4
Residential	6.8	6.0	7.3	2.6	7.3
Nonresidential	1.0	0.9	1.4	0.9	1.4
Lodging	4.1	3.1	5.4	1.8	5.4
Office	3.4	2.8	4.4	2.1	4.4
Commercial	3.1	2.7	2.9	3.0	2.9
Health care	2.9	2.5	3.8	1.6	3.8
Educational	2.3	1.9	3.3	1.9	3.3
Religious	4.5	3.8	5.3	3.3	5.3
Public safety	3.5	3.2	4.4	2.8	4.4
Amusement and recreation	3.9	3.1	3.9	3.6	3.9
Transportation	2.1	3.9	4.5	3.2	4.5
Communication	NA	NA	NA	NA	NA
Power	1.3	0.7	1.1	0.6	1.1
Highway and street	3.6	3.1	5.3	2.8	5.3
Sewage and waste disposal	3.7	3.3	5.6	3.6	5.6
Water supply	4.3	4.7	6.2	4.7	6.2
Conservation and development	6.2	8.8	11.4	8.2	11.4
Manufacturing	4.3	9.8	9.6	2.7	9.6
Total Private Construction	1.5	1.4	1.8	1.2	1.8
Residential	5.0	1.1	1.3	0.8	1.4
Nonresidential	1.5	1.4	1.8	1.2	1.8
Lodging	4.2	3.2	5.7	1.8	5.7
Office	4.5	3.6	5.3	2.7	5.3
Commercial	3.3	2.9	3.0	3.2	3.0
Health care	3.4	2.9	4.5	1.8	4.5
Educational	4.2	4.2	5.2	2.8	5.2
Religious	4.5	3.8	5.3	3.3	5.3
Amusement and recreation	5.7	4.6	7.2	3.4	7.2
Transportation	9.3	4.8	6.8	6.4	6.8
Communication	NA	NA	NA	NA	NA
Power	1.3	0.3	0.3	0.4	0.3
Manufacturing	4.3	9.9	9.7	2.7	9.7
Total Public Construction	1.4	1.2	1.9	1.2	1.9
Residential	6.8	6.0	7.3	2.6	7.3
Nonresidential	1.5	1.3	1.9	1.2	1.9
Office	3.3	2.9	3.4	2.6	3.4
Commercial	8.0	4.6	8.3	3.2	8.3
Health care	3.7	3.3	4.6	2.0	4.6
Educational	2.6	2.1	3.9	2.2	3.9
Public safety	3.5	3.3	4.4	2.9	4.4
Amusement and recreation	5.5	4.0	3.9	5.5	3.9
Transportation	3.8	4.3	5.0	3.4	5.0
Power	4.5	3.0	7.2	1.9	7.2
Highway and street	3.6	3.1	5.3	2.9	5.3
Sewage and waste disposal	3.7	3.3	5.7	3.7	5.7
Water supply	4.3	4.6	6.3	4.8	6.3
Conservation and development	6.5	9.0	11.9	8.6	11.9

NA Not applicable

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	2004 [†]	2003	Percent change	Coefficient of Variation
Total Construction	999,755	915,742	9.2	0.7
Residential	551,745	482,902	14.3	6.4
Nonresidential	448,010	432,841	3.5	0.7
Lodging	12,461	11,138	11.9	3.0
Office	43,984	41,493	6.0	2.7
Commercial	65,572	62,260	5.3	2.2
Health care	32,749	29,935	9.4	2.1
Educational	75,760	74,214	2.1	1.5
Religious	8,082	8,490	-4.8	3.2
Public safety	8,522	9,048	-5.8	2.3
Amusement and recreation	19,696	20,013	-1.6	2.8
Transportation	25,643	25,282	1.4	2.4
Communication	13,134	12,512	5.0	NA
Power	32,779	33,191	-1.2	0.9
Highway and street	65,533	62,858	4.3	1.9
Sewage and waste disposal	14,667	13,695	7.1	2.3
Water supply	10,263	10,417	-1.5	2.2
Conservation and development	4,277	3,959	8.0	4.8
Manufacturing	14,890	14,335	3.9	2.9
Total Private Construction ¹	766,726	690,019	11.1	1.1
Residential	544,321	476,143	14.3	1.1
Nonresidential	222,405	213,876	4.0	1.1
Lodging	11,743	9,946	18.1	3.0
Office	32,175	30,413	5.8	3.3
Commercial	61,208	57,680	6.1	2.3
Health care	25,947	23,648	9.7	2.5
Educational	12,878	13,384	-3.8	3.1
Religious	8,077	8,481	-4.8	3.2
Public safety	295	191	54.5	6.7
Amusement and recreation	8,569	7,892	8.6	4.0
Transportation	6,603	6,515	1.4	5.9
Communication	13,016	12,412	4.9	NA
Power	25,821	27,930	-7.6	0.6
Sewage and waste disposal	322	298	8.1	15.4
Water supply	385	394	-2.3	17.3
Manufacturing	14,699	14,231	3.3	2.9
Total Public Construction ²	233,030	225,724	3.2	0.8
Residential	7,425	6,759	9.9	6.4
Nonresidential	225,605	218,965	3.0	0.8
Office	11,809	11,080	6.6	2.6
Commercial	4,364	4,580	-4.7	5.3
Health care	6,801	6,287	8.2	2.8
Educational	62,882	60,830	3.4	1.7
Public safety	8,226	8,857	-7.1	2.3
Amusement and recreation	11,127	12,121	-8.2	3.9
Transportation	19,040	18,767	1.5	2.6
Power	6,959	5,262	32.3	3.2
Highway and street	65,099	62,667	3.9	2.0
Sewage and waste disposal	14,345	13,397	7.1	2.3
Water supply	9,877	10,023	-1.5	2.2
Conservation and development	4,045	3,688	9.7	5.1

NA Not applicable [†] Revised

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

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