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Michael Davis, Linnet Holland, or John Tremblay (301) 763-1605

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OCTOBER 2009 CONSTRUCTION AT \$910.8 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during October 2009 was estimated at a seasonally adjusted annual rate of \$910.8 billion, nearly the same as $(\pm 1.6\%)$ * the revised September estimate of \$910.4 billion. The October figure is 14.4 percent $(\pm 1.6\%)$ below the October 2008 estimate of \$1,064.1 billion.

During the first 10 months of this year, construction spending amounted to \$794.0 billion, 12.6 percent ($\pm 1.1\%$) below the \$908.9 billion for the same period in 2008.

PRIVATE CONSTRUCTION

Spending on private construction was at a seasonally adjusted annual rate of \$589.0 billion, 0.3 percent $(\pm 1.1\%)$ * above the revised September estimate of \$587.2 billion. Residential construction was at a seasonally adjusted annual rate of \$250.3 billion in October, 4.4 percent $(\pm 1.3\%)$ above the revised September estimate of \$239.7 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$338.6 billion in October, 2.5 percent $(\pm 1.1\%)$ below the revised September estimate of \$347.5 billion.

PUBLIC CONSTRUCTION

In October, the estimated seasonally adjusted annual rate of public construction spending was \$321.8 billion, 0.4 percent $(\pm 2.4\%)^*$ below the revised September estimate of \$323.2 billion. Educational construction was at a seasonally adjusted annual rate of \$85.7 billion, 1.1 percent $(\pm 2.9\%)^*$ above the revised September estimate of \$84.7 billion. Highway construction was at a seasonally adjusted annual rate of \$87.2 billion, 0.3 percent $(\pm 6.6\%)^*$ below the revised September estimate of \$87.4 billion.

November 2009 data will be released on January 4, 2010 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, 0.5 percent; private construction, 0.6 percent; and public construction, 0.7 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			Aug 2009 ^r	Jul 2009	Jun 2009	Oct 2008	Percent change Oct 2009 from -	
	Oct 2009 ^p						Sep 2009	Oct 2008
Total Construction	910,767	910,366	925,524	934,235	945,137	1,064,103	0.0	-14.4
Residential	258,546	248,111	252,733	245,898	245,279	335,253	4.2	-22.9
Nonresidential	652,221	662,255	672,791	688,337	699,858	728,850	-1.5	-10.5
Lodging	20,232	21,469	23,232	24,409	27,479	36,788	-5.8	-45.0
Office	51,006	51,206	53,947	55,978	57,164	70,698	-0.4	-27.9
Commercial	49,695	51,464	52,677	55,720	57,922	79,941	-3.4	-37.8
Health care	46,490	46,999	47,223	48,344	50,317	49,226	-1.1	-5.6
Educational	102,072	101,407	103,326	105,213	108,056	104,991	0.7	-2.8
Religious	6,142	5,994	6,138	6,234	6,442	7,243	2.5	-15.2
Public safety	13,767	14,339	14,039	14,530	15,312	13,114	-4.0	5.0
Amusement and recreation	18,202	18,040	18,450	19,286	19,798	21,315	0.9	-14.6
Transportation	37,274	38,298	37,259	37,817	35,231	34,615	-2.7	7.7
Communication	19,361	20,402	20,025	20,062	20,076	22,098	-5.1	-12.4
Power	87,202	89,855	91,792	90,799	92,164	85,774	-3.0	1.7
Highway and street	87,327	87,560	85,663	85,497	84,430	83,494	-0.3	4.6
Sewage and waste disposal	24,807	25,050	24,424	23,945	24,407	25,873	-1.0	-4.1
Water supply	15,049	15,850	15,740	16,472	16,190	17,013	-5.1	-11.5
Conservation and development	6,372	5,390	5,687	5,706	5,656	5,201	18.2	22.5
Manufacturing	67,224	68,934	73,170	78,325	79,215	71,466	-2.5	-5.9
Total Private Construction ¹	588,951	587,168	605,167	608,434	619,535	754,062	0.3	-21.9
Residential	250,333	239,696	244,651	237,273	236,970	327,745	4.4	-23.6
Nonresidential	338,618	347,472	360,517	371,161	382,565	426,317	-2.5	-20.6
Lodging	20,184	21,416	23,177	24,334	27,427	36,577	-5.8	-44.8
Office	35,644	36,453	39,300	39,967	42,103	56,471	-2.2	-36.9
Commercial	45,891	47,641	48,848	51,795	53,541	76,515	-3.7	-40.0
Health care	36,350	36,521	37,222	37,784	39,930	40,218	-0.5	-9.6
Educational	16,420	16,720	16,822	16,221	17,001	19,259	-1.8	-14.7
Religious	6,111	5,912	6,123	6,213	6,439	7,243	3.4	-15.6
Amusement and recreation	6,544	6,643	7,334	7,906	8,244	10,209	-1.5	-35.9
Transportation	9,155	9,115	9,142	9,368	9,395	9,999	0.4	-8.4
Communication	19,317	20,381	20,013	20,033	20,020	21,957	-5.2	-12.0
Power	75,104	76,955	78,628	78,747	78,812	74,856	-2.4	0.3
Manufacturing	66,728	68,327	72,565	77,633	78,603	70,985	-2.3	-6.0
Total Public Construction ²	321,816	323,198	320,356	325,801	325,603	310,041	-0.4	3.8
Residential	8,213	8,415	8,083	8,626	8,310	7,508	-2.4	9.4
Nonresidential	313,603	314,783	312,274	317,175	317,293	302,533	-0.4	3.7
Office	15,362	14,753	14,647	16,011	15,061	14,227	4.1	8.0
Commercial	3,803	3,823	3,829	3,925	4,381	3,426	-0.5	11.0
Health care	10,140	10,478	10,001	10,560	10,388	9,008	-3.2	12.6
Educational	85,652	84,687	86,503	88,992	91,055	85,732	1.1	-0.1
Public safety	13,400	13,862	13,544	14,241	15,017	12,570	-3.3	6.6
Amusement and recreation	11,658	11,396	11,116	11,380	11,555	11,105	2.3	5.0
Transportation	28,120	29,183	28,117	28,449	25,836	24,616	-3.6	14.2
Power	12,098	12,900	13,164	12,052	13,352	10,918	-6.2	10.8
Highway and street	87,208	87,431	85,574	85,399	84,303	83,311	-0.3	4.7
Sewage and waste disposal	24,337	24,526	23,906	23,500	24,081	25,247	-0.8	-3.6
Water supply	14,858	15,619	15,530	16,164	15,897	16,399	-4.9	-9.4
Conservation and development	6,348	5,362	5,657	5,687	5,646	5,140	18.4	23.5

^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 81,515 84,662 87,895 88,192 88,5352 95,574 794,024 908,880 -12.6 Residential 23,614 23,624 25,778 23,398 22,487 30,276 216,833 309,632 -30.0 Nonresidential 57,901 61,598 62,618 62,795 62,628 62,795 62,034 22,297 30,066 22,124 30,152 -26,6 Office 4,382 4,453 4,464 4,788 4,864 4,783 4,677 5,044 7,224 4,980 7,277 -31,4 Health care 3,399 4,092 4,004 4,003 4,0								Year-to-date		
Residential 23,614 23,064 25,278 23,398 22,487 30,276 216,833 309,632 -30.0	Type of Construction									
Nomesidential 57,901 61,598 62,618 62,795 62,865 65,298 577,192 599,248 -3.7 Lodging 1,686 1,789 1,936 2,034 2,290 3,066 22,124 30,152 -26,6 0ffice 4,382 4,637 4,640 4,788 4,923 3,066 22,124 30,152 -26,6 0ffice 4,382 4,637 4,640 4,788 4,923 3,066 22,124 30,152 -26,6 0ffice 4,382 4,637 4,640 4,788 4,923 3,066 22,124 30,152 -26,6 0ffice 4,382 4,637 4,640 4,788 4,923 3,066 22,124 30,152 -26,6 0ffice 4,382 4,687 4,686 4,723 4,877 5,044 7,224 49,990 72,77 3,1.4 Health care 3,999 4,092 4,004 4,032 4,328 4,289 39,772 39,456 0,8 0,8 0,8 0,8 0,8 0,8 0,8 0,8 0,8 0,8	Total Construction	81,515	84,662	87,895	86,192	85,352	95,574	794,024	908,880	-12.6
Lodging 1,686 1,789 1,396 2,034 2,290 3,066 22,124 3,0152 -26,6 Cflice 4,382 4,637 4,640 4,788 4,923 6,168 47,733 5,925 -19,1	Residential	23,614	23,064	25,278	23,398	22,487	30,276	216,833	309,632	-30.0
Office 4,382 4,637 4,640 4,788 4,923 6,168 47,932 59,258 -19,1 Commercial 4,419 4,688 4,723 4,487 5,044 7,224 4,889 7,267 -31,4 Health care 3,999 4,092 4,004 4,032 4,329 4,289 39,772 39,456 0.8 Religious 550 533 536 533 533 650 5,372 5,883 -8.7 Public safety 1,165 1,393 1,204 1,270 1,311 1,150 11,929 10,444 1,427 Amusement and recreation 1,600 1,619 1,629 1,685 1,753 1,874 16,127 11,162 11,162 11,162 11,1150 11,1929 10,444 14,172 11,1150 11,1929 10,444 14,112 11,111 11,1150 11,1929 10,444 14,122 11,111 11,111 11,111 11,111 11,111 11,111 11,111 1	Nonresidential	57,901	61,598	62,618	62,795	62,865	65,298	577,192	599,248	-3.7
Commercial Health care 3,99 4,092 4,004 4,002 4,022 4,289 39,772 39,456 0.8	Lodging	1,686	1,789	1,936	2,034	2,290	3,066	22,124	30,152	-26.6
Health care 3.999 4.092 4.004 4.002 4.328 4.289 39,772 39,456 0.8	Office	4,382	4,637	4,640	4,788	4,923	6,168	47,932	59,258	-19.1
Educational Religious 550 533 546 533 533 650 5372 5,883 87, Public safety 1,165 1,393 1,204 1,270 1,311 1,150 11,929 10,444 14,22 1,270 1,311 1,150 11,929 10,444 14,22 1,270 1,311 1,150 11,929 10,444 14,22 1,270 1,311 1,150 11,929 10,444 14,22 1,270 1,311 1,150 11,929 10,444 14,22 1,270 1,311 1,150 11,929 10,444 14,22 1,270 1,311 1,150 11,929 10,444 14,22 1,270 1,311 1,150 11,929 10,444 14,22 1,270 1,311 1,150 11,929 10,444 14,22 1,270 1,311 1,150 11,929 10,444 14,22 1,270 1,311 1,150 1,1929 10,444 14,22 1,270 1,311 1,150 1,1929 10,444 14,22 1,270 1,311 1,150 1,1929 10,444 14,22 1,270 1,311 1,150 1,1929 10,444 14,22 1,270 1,311 1,150 1,1929 10,444 14,22 1,270 1,311 1,150 1,1929 10,444 14,22 1,270 1,311 1,150 1,1929 10,444 14,22 1,270 1,311 1,150 1,1929 1,245 1,270 1,311 1,150 1,1929 1,245 1,270 1,311 1,150 1,270 1	Commercial	4,419	4,668	4,723	4,877	5,044	7,224	49,890	72,677	-31.4
Religious 550 533 546 533 533 650 5,372 5,883 8.7 Public safely 1,165 1,393 1,204 1,270 1,311 1,150 1,199 1,044 14.2 Amusement and recreation 1,600 1,619 1,629 1,685 1,753 1,874 16,127 18,167 -11,2 Transportation 1,699 1,745 1,840 3,488 3,413 3,069 3,205 29,421 28,362 3,7 Communication 1,699 1,745 1,840 1,713 3,069 3,205 29,421 28,362 3,7 Power 7,339 7,998 8,139 7,914 8,156 7,428 74,240 66,631 11,4 Highway and street 8,940 9,927 9,770 9,417 8,669 8,666 8,6	Health care	3,999	4,092	4,004	4,032	4,328	4,289	39,772	39,456	0.8
Public safety	Educational	8,626	9,249	10,417	10,560	10,287	8,965	89,028	88,254	0.9
Amusement and recreation	· ·	550								-8.7
Transportation 3,505 3,645 3,488 3,413 3,069 3,205 29,421 28,362 3.7 Communication 1,699 1,745 1,640 1,713 1,815 2,013 16,596 21,667 -23,4 Power 7,339 7,998 8,139 7,914 8,156 7,428 74,240 66,631 11.4 Highway and street 8,940 9,927 9,770 9,417 8,669 8,608 71,996 69,825 3.1 Sewage and waste disposal 2,350 2,318 2,216 2,107 2,138 2,458 20,800 20,911 -0.5 Water supply 1,358 1,415 1,398 1,411 1,406 1,568 12,217 14,117 6-4.4 Conservation and development 461 603 488 509 460 401 4,732 4,428 6.9 Manufacturing 5,822 5,968 6,382 6,535 6,684 6,232 64,015 49,016 30.6 Total Private Construction 52,248 52,570 55,977 54,393 54,792 67,108 524,572 650,879 -19,4 Residential 29,317 30,301 31,401 31,766 33,059 37,448 314,483 347,394 -9.5 Lodging 1,682 1,785 1,931 2,028 2,266 3,046 22,062 29,752 -25,8 Office 3,096 3,222 3,345 3,380 3,595 4,996 35,335 48,314 -26,9 Commercial 4,113 4,283 4,379 4,539 4,665 6,946 46,682 69,746 -33.1 Health care 3,165 3,124 3,185 3,155 3,435 3,541 31,555 32,318 -2.4 Educational 1,421 1,408 1,578 699 880 6,946 46,682 69,746 -33.1 Religious 547 526 59 617 669 699 880 6,802 69,746 -33.1 Religious 547 526 59 617 669 699 880 6,802 69,746 -33.1 Religious 547 526 59 617 669 699 880 6,800 6,800 8,782 -2.5 Religious 6,796 6,796 6,924 6,899 6,941 6,484 6,542 6,554 6,555 6,966 6,346 6,800 8,782 -2.5 Religious 6,796 6,996 6,996 6,991 6,994 6,806 6,800 8,782 -2.5 Religious 6,796 6,996 6,996 6,991 6,994 6,806 6,800 8,782 -2.5 Religious 6,796 6,996 6,994 6,806 6,800 8,782 -2.5 Religious 6,796 6,996 6,996 6,991 6,994 6,806 6,800 8,782 -2.5 Religious 6,796 6,796 6,992 6,996 6,991	Public safety	1 ' 1					-			14.2
Communication	Amusement and recreation						-			
Power	•						-	•		
Highway and street 8,940 9,927 9,770 9,417 8,669 8,608 71,996 69,825 3.1 Sewage and waste disposal 2,350 2,318 2,216 2,107 2,138 2,458 20,800 20,911 -0.5 Vater supply 1,358 1,415 1,398 1,411 1,406 1,568 13,217 14,117 -6.4 Conservation and development 461 603 488 509 460 401 4,732 4,428 6.9 Manufacturing 5,822 5,968 6,382 6,535 6,684 6,232 64,015 49,016 30.6 Cotal Private Construction 52,248 52,570 55,977 54,393 54,792 67,108 524,572 650,879 -19,4 Conservation 22,931 22,269 24,576 22,628 21,733 29,660 210,089 303,484 -30.8 Nonresidential 29,317 30,301 31,401 31,765 33,059 37,448 314,483 347,394 -9.5 Commercial 4,113 4,283 4,379 4,639 4,665 6,946 46,682 69,746 -33.1 4,841 4,285 4,379 4,655 6,946 46,682 69,746 -33.1 4,841 4,285 4,379 4,655 6,946 46,682 69,746 -33.1 4,841 1,468 1,578 1,517 1,563 1,631 1,4451 1,663 -7.9 Religious 547 526 545 531 532 660 5,335 8,856 8.5 Amusement and recreation 561 559 617 669 699 880 6,800 8,782 -22.6 7,780 6,924 6,896 6,941 6,484 63,429 56,737 1,18 Manufacturing 5,780 5,918 6,331 31,799 30,560 28,466 269,452 258,001 4,4 4,484 4,485							-			
Sewage and waste disposal 2,350 2,318 2,216 2,107 2,138 2,458 20,800 20,911 -0.5 Water supply 1,358 1,415 1,398 1,411 1,406 1,568 13,217 14,117 -6.4 Conservation and development Manufacturing 5,822 5,968 6,382 6,535 6,684 6,232 64,015 49,016 30.6 Total Private Construction¹ 52,248 52,570 55,977 54,393 54,792 67,108 524,572 650,879 -19.4 Residential 22,931 22,269 24,576 22,628 21,733 29,660 210,089 303,484 -30.8 Nonresidential 29,317 30,301 31,401 31,765 33,059 37,448 314,483 347,394 -9.5 Coffice 3,096 3,222 3,345 3,380 3,599 4,986 6,933 4,8134 -26,90 Commercial 4,113 4,283 4,379 4,539 4,665	Power						-	•		
Water supply 1,358 1,415 1,398 1,411 1,406 1,568 13,217 14,117 -6.4 Conservation and development Manufacturing 461 603 488 509 460 401 4,732 4,428 6,93 Manufacturing 5,822 5,968 6,382 6,535 6,684 6,232 64,015 49,016 30.6 Total Private Construction¹ 52,248 52,570 55,977 54,393 54,792 67,108 524,572 650,879 -19.4 Residential 22,931 22,269 24,576 22,626 21,733 29,600 210,089 303,484 -30.8 Nonresidential 29,317 30,301 31,401 31,765 33,059 37,448 314,483 347,394 -9.5 Office 3,096 3,222 3,345 3,380 3,595 4,996 35,335 48,314 -26,9 Commercial 4,113 4,283 4,379 4,593 4,666 6,946 46,6							-			
Conservation and development Manufacturing 5,822 5,968 6,382 6,535 6,684 6,232 64,015 49,016 30.6 Total Private Construction 5,822 5,968 6,382 6,535 6,684 6,232 64,015 49,016 30.6 Total Private Construction 5,822 5,568 52,570 55,977 54,393 54,792 67,108 524,572 650,879 -19.4 Residential 22,931 22,269 24,576 22,628 21,733 29,660 210,089 303,484 -30.8 Nonresidential 29,317 30,301 31,401 31,765 33,059 37,448 314,483 347,394 -9.5 Lodging 1,682 1,785 1,931 2,028 2,286 3,048 22,062 29,752 -25.8 Office 3,096 3,222 3,345 3,380 3,595 4,996 35,335 48,314 -26.8 Commercial 4,113 4,283 4,379 4,539 4,569 4,966 35,335 48,314 -26.8 Health care 3,185 3,124 3,185 3,158 3,435 3,541 31,555 32,318 -2.4 Health care 3,185 3,124 1,408 1,578 1,517 1,563 1,631 14,451 15,663 -7.9 Religious 547 526 545 531 532 650 5,358 5,856 -8.5 Amusement and recreation 561 559 617 669 699 880 6,800 8,782 -22.6 Transportation 1,695 1,744 1,639 1,711 1,811 2,001 16,563 21,530 -23.1 Power 6,309 6,796 6,924 6,896 6,916 4,648 43,429 56,737 11,8 Manufacturing 5,780 5,918 6,331 6,477 6,633 6,192 63,534 48,599 30.7 Total Public Construction 2 29,267 32,092 31,918 31,799 30,560 28,466 269,452 258,001 4.4 Residential 683 795 702 770 754 616 6,744 6,147 9,7 Nonresidential 28,584 31,297 31,216 31,030 29,806 27,850 262,709 251,854 4.3 Office 1,286 1,415 1,294 1,408 1,328 1,172 12,597 10,944 15.1 Commercial 306 385 344 338 378 278 3,208 2,931 9.5 Health care 813 968 820 874 838 378 778 8,218 7,718 15.1 Educational 7,205 7,840 8,839 9,043 8,724 7,334 74,577 72,571 2.8 Public safety 1,132 1,349 1,159 1,244 1,285 1,099 11,582 9,870 17.3 Highway and street 8,928 9,915 9,761 9,408 8,657 8,590 71,895 69,642 3.2 Sewage and waste disposal 2,308 2,270 2,171 2,070 2,106 2,402 20,424 20,439 -0.1 Water supply							-			
Manufacturing 5,822 5,968 6,382 6,535 6,684 6,232 64,015 49,016 30.6 Total Private Construction 1 52,248 52,570 55,977 54,393 54,792 67,108 524,572 650,879 -19.4 Residential 22,931 22,269 24,576 22,628 21,733 29,660 210,089 303,484 -30.8 Nonresidential 29,317 30,301 31,401 31,765 30,595 37,448 314,483 347,394 -9.5 Lodging 1,682 1,785 1,931 2,028 2,286 3,048 22,062 29,752 25.8 Office 3,096 3,222 3,345 3,380 3,595 4,966 36,682 69,746 -33.1 Health care 3,185 3,158 3,158 3,453 3,541 31,555 32,318 -2.4 Educational 1,421 1,408 1,578 1,578 1,563 1,681 14,451 15,683 <td< td=""><td></td><td>1</td><td></td><td></td><td>•</td><td></td><td>-</td><td></td><td></td><td></td></td<>		1			•		-			
Total Private Construction 1 52,248 52,570 55,977 54,393 54,792 67,108 524,572 650,879 -19.4 Residential 22,931 22,269 24,576 22,628 21,733 29,660 210,089 303,484 -30.8 Nonresidential 29,317 30,301 31,401 31,765 33,059 37,448 314,483 347,394 -9.5 Lodging 1,682 1,785 1,931 2,028 2,266 3,048 22,062 29,752 -25.8 Office 3,096 3,222 3,345 3,380 3,595 4,996 35,335 48,314 -26.9 Commercial 4,113 4,283 4,379 4,639 4,665 6,946 46,682 69,746 -33.1 144 1,408 1,578 1,517 1,563 1,631 1,4451 1,5683 -7.9 Religious 547 526 545 531 532 650 5,358 5,856 -8.5 Am	·	I - I					_	,		
Residential 22,931 22,269 24,576 22,628 21,733 29,660 210,089 303,484 -30.8 Nonresidential 29,317 30,301 31,401 31,765 33,059 37,448 314,483 347,394 -9.5 Commercial 1,882 1,785 1,931 2,028 2,286 3,048 22,062 29,752 -25.8 Office 3,096 3,222 3,345 3,380 3,595 4,996 35,335 48,314 -26.9 Commercial 4,113 4,283 4,379 4,559 4,665 6,946 46,682 69,746 -33.1 Health care 3,185 3,124 3,185 3,158 3,435 3,541 31,555 32,318 -2.4 Educational 1,421 1,408 1,578 1,517 1,563 1,631 14,451 15,683 -7.9 Religious 547 526 545 531 532 650 5,5358 5,856 -8.5 Amusement and recreation 561 559 617 669 699 880 6,800 8,782 -22.6 Transportation 819 808 804 791 807 886 7,580 8,193 -7.5 Communication 1,695 1,744 1,639 1,711 1,811 2,001 16,563 21,530 -23.1 Power 6,309 6,796 6,924 6,869 6,941 6,484 63,429 56,737 11.8 Manufacturing 5,780 5,918 6,331 6,477 6,633 6,192 63,534 48,599 30.7 Total Public Construction 2 29,267 32,092 31,918 31,799 30,560 28,466 269,452 258,001 4.4 Commercial 306 335 344 338 378 278 3,208 2,931 9,5 Health care 813 968 820 874 839 747 8,218 7,138 15.1 Commercial 306 335 344 839 9,043 8,724 7,334 74,577 72,571 2.8 Public safety 1,132 1,349 1,159 1,244 1,285 1,099 11,582 9,870 17.3 Amusement and recreation 1,039 1,061 1,001 1,012 1,016 1,055 994 9,327 9,386 -0.6 Transportation 2,686 2,270 2,171 2,070 2,106 2,204 20,424 20,439 Highway and street 8,928 9,915 9,761 9,408 8,657 8,500 12,934 13,551 4.3	Manufacturing	5,822	5,968	6,382	6,535	6,684	6,232	64,015	49,016	30.6
Nonresidential 29,317 30,301 31,401 31,765 33,059 37,448 314,483 347,394 -9.5	Total Private Construction ¹	52,248	52,570	55,977	54,393	54,792	67,108	524,572	650,879	-19.4
Lodging	Residential	22,931	22,269	24,576	22,628	21,733	29,660	210,089	303,484	-30.8
Lodging	Nonresidential	29.317	30.301	31.401	31.765	33.059	37.448	314.483	347.394	-9.5
Office 3,096 3,222 3,345 3,380 3,595 4,996 35,335 48,314 -26.9 Commercial 4,113 4,283 4,379 4,539 4,665 6,946 46,682 69,746 -33.1 Health care 3,185 3,185 3,435 3,451 31,555 32,318 -2.4 Educational 1,421 1,408 1,578 1,517 1,563 1,631 14,451 15,683 -7.9 Religious 547 526 545 531 532 650 5,388 5,866 -8.5 Amusement and recreation 561 559 617 669 699 880 6,800 8,762 -22.6 Communication 1,695 1,744 1,639 1,711 1,811 2,001 16,563 21,530 -23.1 Power 6,309 6,796 6,924 6,869 6,941 6,484 63,429 56,737 11.8 Manufacturing 5,780							,			
Health care						·	4,996	•		-26.9
Educational 1,421 1,408 1,578 1,517 1,563 1,631 14,451 15,683 -7.9	Commercial	4,113	4,283	4,379	4,539	4,665	6,946	46,682	69,746	-33.1
Religious 547 526 545 631 532 650 5,358 5,856 -8.5 Amusement and recreation 561 559 617 669 699 880 6,800 8,782 -22.6 Transportation 819 808 804 791 807 886 7,580 8,193 -7.5 6,200	Health care	3,185	3,124	3,185	3,158	3,435	3,541	31,555	32,318	-2.4
Amusement and recreation Transportation Transportat	Educational	1,421	1,408	1,578	1,517	1,563	1,631	14,451	15,683	-7.9
Transportation	Religious	547				532	650	5,358	5,856	-8.5
Communication Power 1,695 (3,30) 1,744 (6,30) 1,711 (6,30) 1,711 (6,30) 1,711 (6,30) 1,711 (6,30) 1,711 (6,30) 1,711 (6,30) 1,711 (6,30) 1,711 (6,30) 1,711 (6,30) 1,711 (6,30) 1,711 (6,30) 1,711 (6,30) 1,711 (6,30) 1,611 (6,34) 2,001 (6,42) 16,563 (6,42) 25,737 (7) 11.8 Manufacturing 5,780 (5,918) 5,918 (6,331) 6,477 (6,633) 6,192 (63,534) 48,599 (30,7) 30,7 Total Public Construction² 29,267 (7) 32,092 (7) 770 (7) 754 (7) 616 (6,744) 6,147 (7) 9.7 Nonresidential 683 (795) (795) (792) (770 (770) (754) (794) 616 (6,744) (6,147) (7) 9.7 9.7 Nonresidential 28,584 (7) (31,297) (31,216) (31,303) (29,806) (27,850) (262,709) (251,854) (4,3) 4.3 4.3 Office 1,286 (1,415) (1,294) (1,408) (1,328) (1,172) (12,597) (10,944) (15,11) 1,511 (7) (7) (7) (7) (7) (7) (7) (7) (7) (7)		561		617			880	-		
Power Manufacturing 6,309 5,780 6,796 5,918 6,924 6,331 6,869 6,941 6,633 6,484 63,429 63,534 56,737 48,599 11.8 30,77 Total Public Construction 2 29,267 32,092 31,918 31,799 30,560 28,466 269,452 258,001 4.4 Residential 683 795 702 770 754 616 6,744 6,147 9.7 Nonresidential 28,584 31,297 31,216 31,030 29,806 27,850 262,709 251,854 4.3 Office 1,286 1,415 1,294 1,408 1,328 1,172 12,597 10,944 15.1 Commercial 306 385 344 338 378 278 3,208 2,931 9.5 Health care 813 968 820 874 893 747 8,218 7,138 15.1 Educational 7,205 7,840 8,839 9,043 8,724 7,334 74,577 72,571 2.8 </td <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>_</td>	•							-		_
Manufacturing 5,780 5,918 6,331 6,477 6,633 6,192 63,534 48,599 30.7 Total Public Construction 2 29,267 32,092 31,918 31,799 30,560 28,466 269,452 258,001 4.4 Residential 683 795 702 770 754 616 6,744 6,147 9.7 Nonresidential 28,584 31,297 31,216 31,030 29,806 27,850 262,709 251,854 4.3 Office 1,286 1,415 1,294 1,408 1,328 1,172 12,597 10,944 15.1 Commercial 306 385 344 338 378 278 3,208 2,931 9.5 Health care 813 968 820 874 893 747 8,218 7,138 15.1 Educational 7,205 7,840 8,839 9,043 8,724 7,334 74,577 72,571 2.8					,	·	,	•		_
Total Public Construction 2 29,267 32,092 31,918 31,799 30,560 28,466 269,452 258,001 4.4 Residential 683 795 702 770 754 616 6,744 6,147 9.7 Nonresidential 28,584 31,297 31,216 31,030 29,806 27,850 262,709 251,854 4.3 Office 1,286 1,415 1,294 1,408 1,328 1,172 12,597 10,944 15.1 Commercial 306 385 344 338 378 278 3,208 2,931 9.5 Health care 813 968 820 874 893 747 8,218 7,138 15.1 Educational 7,205 7,840 8,839 9,043 8,724 7,334 74,577 72,571 2.8 Public safety 1,132 1,349 1,159 1,244 1,285 1,099 11,582 9,870 17.3							-			
Residential 683 795 702 770 754 616 6,744 6,147 9.7 Nonresidential 28,584 31,297 31,216 31,030 29,806 27,850 262,709 251,854 4.3 Office 1,286 1,415 1,294 1,408 1,328 1,172 12,597 10,944 15.1 Commercial 306 385 344 338 378 278 3,208 2,931 9.5 Health care 813 968 820 874 893 747 8,218 7,138 15.1 Educational 7,205 7,840 8,839 9,043 8,724 7,334 74,577 72,571 2.8 Public safety 1,132 1,349 1,159 1,244 1,285 1,099 11,582 9,870 17.3 Amusement and recreation 1,039 1,061 1,012 1,016 1,055 994 9,327 9,386 -0.6 Transportation 2,686 2,837 2,684 2,621 2,262 2,319 21,841 20,169 8.3 Power 1,030 1,202 1,215 1,046 1,215 944 10,811 9,894 9.3 Highway and street 8,928 9,915 9,761 9,408 8,657 8,590 71,895 69,642 3.2 Sewage and waste disposal 2,308 2,270 2,171 2,070 2,106 2,402 20,424 20,439 -0.1 Water supply 1,340 1,391 1,376 1,388 1,384 1,506 12,934 13,510 -4.3	Manufacturing	5,780	5,918	6,331	6,477	6,633	6,192	63,534	48,599	30.7
Nonresidential 28,584 31,297 31,216 31,030 29,806 27,850 262,709 251,854 4.3 Office 1,286 1,415 1,294 1,408 1,328 1,172 12,597 10,944 15.1 Commercial 306 385 344 338 378 278 3,208 2,931 9.5 Health care 813 968 820 874 893 747 8,218 7,138 15.1 Educational 7,205 7,840 8,839 9,043 8,724 7,334 74,577 72,571 2.8 Public safety 1,132 1,349 1,159 1,244 1,285 1,099 11,582 9,870 17.3 Amusement and recreation 1,039 1,061 1,012 1,016 1,055 994 9,327 9,386 -0.6 Transportation 2,686 2,837 2,684 2,621 2,262 2,319 21,841 20,169 8.3	Total Public Construction ²	29,267	32,092	31,918	31,799	30,560	28,466	269,452	258,001	4.4
Office 1,286 1,415 1,294 1,408 1,328 1,172 12,597 10,944 15.1 Commercial 306 385 344 338 378 278 3,208 2,931 9.5 Health care 813 968 820 874 893 747 8,218 7,138 15.1 Educational 7,205 7,840 8,839 9,043 8,724 7,334 74,577 72,571 2.8 Public safety 1,132 1,349 1,159 1,244 1,285 1,099 11,582 9,870 17.3 Amusement and recreation 1,039 1,061 1,012 1,016 1,055 994 9,327 9,386 -0.6 Transportation 2,686 2,837 2,684 2,621 2,262 2,319 21,841 20,169 8.3 Power 1,030 1,202 1,215 1,046 1,215 944 10,811 9,894 9.3 Highway a	Residential	683	795	702	770	754	616	6,744	6,147	9.7
Office 1,286 1,415 1,294 1,408 1,328 1,172 12,597 10,944 15.1 Commercial 306 385 344 338 378 278 3,208 2,931 9.5 Health care 813 968 820 874 893 747 8,218 7,138 15.1 Educational 7,205 7,840 8,839 9,043 8,724 7,334 74,577 72,571 2.8 Public safety 1,132 1,349 1,159 1,244 1,285 1,099 11,582 9,870 17.3 Amusement and recreation 1,039 1,061 1,012 1,016 1,055 994 9,327 9,386 -0.6 Transportation 2,686 2,837 2,684 2,621 2,262 2,319 21,841 20,169 8.3 Power 1,030 1,202 1,215 1,046 1,215 944 10,811 9,894 9.3 Highway a	Nonresidential	28,584	31,297	31,216	31,030	29,806	27,850	262,709	251,854	4.3
Health care 813 968 820 874 893 747 8,218 7,138 15.1 Educational 7,205 7,840 8,839 9,043 8,724 7,334 74,577 72,571 2.8 Public safety 1,132 1,349 1,159 1,244 1,285 1,099 11,582 9,870 17.3 Amusement and recreation 1,039 1,061 1,012 1,016 1,055 994 9,327 9,386 -0.6 Transportation 2,686 2,837 2,684 2,621 2,262 2,319 21,841 20,169 8.3 Power 1,030 1,202 1,215 1,046 1,215 944 10,811 9,894 9.3 Highway and street 8,928 9,915 9,761 9,408 8,657 8,590 71,895 69,642 3.2 Sewage and waste disposal 2,308 2,270 2,171 2,070 2,106 2,402 20,424 20,439 -0.1	Office	1,286						•	10,944	
Educational 7,205 7,840 8,839 9,043 8,724 7,334 74,577 72,571 2.8 Public safety 1,132 1,349 1,159 1,244 1,285 1,099 11,582 9,870 17.3 Amusement and recreation 1,039 1,061 1,012 1,016 1,055 994 9,327 9,386 -0.6 Transportation 2,686 2,837 2,684 2,621 2,262 2,319 21,841 20,169 8.3 Power 1,030 1,202 1,215 1,046 1,215 944 10,811 9,894 9.3 Highway and street 8,928 9,915 9,761 9,408 8,657 8,590 71,895 69,642 3.2 Sewage and waste disposal 2,308 2,270 2,171 2,070 2,106 2,402 20,424 20,439 -0.1 Water supply 1,340 1,391 1,376 1,388 1,384 1,506 12,934 13,510	Commercial	306			338		278	3,208	2,931	9.5
Public safety 1,132 1,349 1,159 1,244 1,285 1,099 11,582 9,870 17.3 Amusement and recreation 1,039 1,061 1,012 1,016 1,055 994 9,327 9,386 -0.6 Transportation 2,686 2,837 2,684 2,621 2,262 2,319 21,841 20,169 8.3 Power 1,030 1,202 1,215 1,046 1,215 944 10,811 9,894 9.3 Highway and street 8,928 9,915 9,761 9,408 8,657 8,590 71,895 69,642 3.2 Sewage and waste disposal 2,308 2,270 2,171 2,070 2,106 2,402 20,424 20,439 -0.1 Water supply 1,340 1,391 1,376 1,388 1,384 1,506 12,934 13,510 -4.3	Health care	813	968	820	874	893	747	8,218	7,138	15.1
Amusement and recreation 1,039 1,061 1,012 1,016 1,055 994 9,327 9,386 -0.6 Transportation 2,686 2,837 2,684 2,621 2,262 2,319 21,841 20,169 8.3 Power 1,030 1,202 1,215 1,046 1,215 944 10,811 9,894 9.3 Highway and street 8,928 9,915 9,761 9,408 8,657 8,590 71,895 69,642 3.2 Sewage and waste disposal 2,308 2,270 2,171 2,070 2,106 2,402 20,424 20,439 -0.1 Water supply 1,340 1,391 1,376 1,388 1,384 1,506 12,934 13,510 -4.3	Educational	7,205	7,840	8,839	9,043	8,724	7,334	74,577	72,571	2.8
Transportation 2,686 2,837 2,684 2,621 2,262 2,319 21,841 20,169 8.3 Power 1,030 1,202 1,215 1,046 1,215 944 10,811 9,894 9.3 Highway and street 8,928 9,915 9,761 9,408 8,657 8,590 71,895 69,642 3.2 Sewage and waste disposal 2,308 2,270 2,171 2,070 2,106 2,402 20,424 20,439 -0.1 Water supply 1,340 1,391 1,376 1,388 1,384 1,506 12,934 13,510 -4.3	•					·	-	•		
Power 1,030 1,202 1,215 1,046 1,215 944 10,811 9,894 9.3 Highway and street 8,928 9,915 9,761 9,408 8,657 8,590 71,895 69,642 3.2 Sewage and waste disposal 2,308 2,270 2,171 2,070 2,106 2,402 20,424 20,439 -0.1 Water supply 1,340 1,391 1,376 1,388 1,384 1,506 12,934 13,510 -4.3								-		
Highway and street 8,928 9,915 9,761 9,408 8,657 8,590 71,895 69,642 3.2 Sewage and waste disposal 2,308 2,270 2,171 2,070 2,106 2,402 20,424 20,439 -0.1 Water supply 1,340 1,391 1,376 1,388 1,384 1,506 12,934 13,510 -4.3	•							•		
Sewage and waste disposal 2,308 2,270 2,171 2,070 2,106 2,402 20,424 20,439 -0.1 Water supply 1,340 1,391 1,376 1,388 1,384 1,506 12,934 13,510 -4.3						·		•		
Water supply 1,340 1,391 1,376 1,388 1,384 1,506 12,934 13,510 -4.3						·	-	•		
vvater supply 1,340 1,391 1,376 1,388 1,384 1,506 12,934 13,510 -4.3										
Conservation and development 459 600 485 507 459 396 4,708 4,380 7.5										-4.3 7.5

^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.

 $^{^{\}rm 2}$ Includes the following categories of public construction not shown separately: lodging, religious, communication, and manufacturing.

 $\label{thm:condition} \mbox{Table 3. Coefficients of Variation and Standard Errors by Type of Construction} \ \ \mbox{(Percent)}$

	Coefficient of v	variation	Standard error				
Type of Construction	Monthly estimate	Year-to-date estimate	Year-to-date change	Month-to-month change	Month-to-month change from prev. year		
Total Construction	0.9	0.5	0.7	1.0	1.0		
Residential	4.2	2.7	3.5	2.6	4.7		
Nonresidential	0.9	0.5	0.7	1.0	1.0		
Lodging	1.9	1.6	1.5	1.3	1.5		
Office	2.3	1.9	2.3	1.5	1.8		
Commercial	3.3	2.2	1.5	2.3	1.5		
Health care	2.0	1.6	2.1	1.2	3.3		
Educational	2.1	1.4	2.0	1.6	2.5		
Religious	5.6	3.4	3.6	3.2	5.6		
Public safety	2.9	1.9	3.1	1.5	3.6		
Amusement and recreation	3.8	3.0	3.2	2.6	3.6		
Transportation	2.8	2.1	2.5	4.1	3.7		
Communication	NA 0.9	NA	NA 0.8	NA 0.6	NA 0.6		
Power	3.6	0.6 1.7	2.4	0.6 4.1	0.6 4.9		
Highway and street Sewage and waste disposal	3.8	2.1	2.4	2.2	3.6		
Water supply	3.7	2.3	2.9	3.5	4.0		
Conservation and development	2.9	1.5	3.7	2.2	7.1		
Manufacturing	1.4	1.1	1.7	0.6	1.2		
Total Private Construction	1.0	0.7	0.8	0.7	0.8		
Residential	5.0	1.1	1.3	0.8	1.4		
Nonresidential	1.0	0.7	0.8	0.7	0.8		
Lodging	1.9	1.6	1.5	1.3	1.5		
Office	3.2	2.6	2.5	2.1	1.8		
Commercial	3.5	2.4	1.5	2.5	1.5		
Health care	2.5	1.9	2.4	1.4	3.9		
Educational	3.6	2.8	3.0	2.7	3.5		
Religious	5.6	3.4	3.6	3.3	5.6		
Amusement and recreation	5.4	4.3	3.7	4.3	3.1		
Transportation	10.5	7.8	5.8	5.0	8.4		
Communication	NA	NA	NA	NA	NA		
Power	0.8	0.5	0.6	0.6	0.4		
Manufacturing	1.4	1.1	1.7	0.6	1.2		
Total Public Construction	1.3	0.7	1.1	1.5	1.9		
Residential	4.2	2.7	3.5	2.6	4.7		
Nonresidential	1.4	0.7	1.1	1.5	1.9		
Office	2.2	1.9	4.2	1.8	4.5		
Commercial	6.8	5.1	6.5	2.6	10.9		
Health care	2.8	2.2	3.4	2.1	5.0		
Educational	2.4	1.5	2.3	1.8	2.9		
Public safety	3.0	2.0	3.3	1.6	3.8		
Amusement and recreation	5.0	4.2	5.0	3.2	6.5		
Transportation	2.8	2.1	2.7	4.3	4.0		
Power	4.4	3.3	6.6	2.3	6.0		
Highway and street	3.7	1.7	2.5	4.1	4.9		
Sewage and waste disposal	3.8	2.1	2.7	2.2	3.6		
Water supply	3.8	2.4	3.0	3.6	4.1		
Conservation and development	2.9	1.5	3.7	2.2	7.2		

NA Not applicable