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## MARCH 2005 CONSTRUCTION AT \$1,051.8 BILLION ANNUAL RATE

The U.S. Census Bureau of the Department of Commerce announced today that construction spending during March 2005 was estimated at a seasonally adjusted annual rate of \$1,051.8 billion, 0.5 percent ( $\pm 1.6\%$ )\* above the revised February estimate of \$1,046.9 billion. The March figure is 8.0 percent ( $\pm 2.2\%$ ) above the March 2004 estimate of \$973.9 billion.

During the first 3 months of this year, construction spending amounted to \$222.4 billion, 9.3 percent ( $\pm 2.1\%$ ) above the \$203.5 billion for the same period in 2004.

### **PRIVATE CONSTRUCTION**

Spending on private construction was at a seasonally adjusted annual rate of \$815.5 billion, 0.5 percent  $(\pm 2.2\%)^*$  above the revised February estimate of \$811.3 billion. Residential construction was at a seasonally adjusted annual rate of \$585.3 billion in March, 0.3 percent  $(\pm 1.3\%)^*$  above the revised February estimate of \$583.6 billion. Nonresidential construction was at a seasonally adjusted annual rate of \$230.3 billion in March, 1.1 percent  $(\pm 2.2\%)^*$  above the revised February estimate of \$227.7 billion.

#### **PUBLIC CONSTRUCTION**

In March, the estimated seasonally adjusted annual rate of public construction spending was \$236.3 billion, 0.3 percent  $(\pm 2.1\%)^*$  above the revised February estimate of \$235.6 billion. Educational construction was at a seasonally adjusted annual rate of \$63.9 billion, 0.4 percent  $(\pm 3.5\%)^*$  above the revised February estimate of \$63.7 billion. Highway construction was at a seasonally adjusted annual rate of \$69.0 billion, 0.4 percent  $(\pm 5.9\%)^*$  below the revised February estimate of \$69.3 billion.

April 2005 data will be released on June 1, 2005 at 10:00 A.M. EDT. For more detailed data and methodologies, go to our website:

<a href="http://www.census.gov/constructionspending">http://www.census.gov/constructionspending</a>

#### **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, 0.8 percent; private construction, 0.7 percent; and public construction, 1.4 percent.

<sup>\* 90%</sup> 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 <sup>r</sup>	Dec 2004	Nov 2004	Mar 2004	Percent change Mar 2005 from -	
	Mar 2005 <sup>p</sup>						Feb 2005	Mar 2004
Total Construction	1,051,792	1,046,857	1,041,810	1,037,286	1,027,571	973,868	0.5	8.0
Residential	592,821	591,175	584,856	580,566	571,201	528,965	0.3	12.1
Nonresidential	458,971	455,682	456,955	456,720	456,370	444,903	0.7	3.2
Lodging	11,682	11,760	11,803	12,736	13,409	12,312	-0.7	-5.1
Office	45,412	45,399	44,299	44,779	44,436	44,229	0.0	2.7
Commercial	67,054	65,665	67,232	66,534	67,783	60,541	2.1	10.8
Health care	31,795	31,842	32,879	32,763	33,350	31,692	-0.1	0.3
Educational	76,772	76,355	75,597	76,772	76,496	74,958	0.5	2.4
Religious	8,028	7,640	8,046	8,110	7,916	8,049	5.1	-0.3
Public safety	8,092	8,214	8,169	8,477	8,451	8,156	-1.5	-0.8
Amusement and recreation	18,803	18,872	18,685	19,128	19,203	19,121	-0.4	-1.7
Transportation	24,378	23,985	25,138	25,185	25,882	27,122	1.6	-10.1
Communication	14,983	15,504	15,766	14,447	13,765	12,621	-3.4	18.7
Power	33,236	33,739	34,841	33,085	32,453	34,584	-1.5	-3.9
Highway and street	69,471	69,800	68,364	67,643	67,073	68,012	-0.5	2.1
Sewage and waste disposal	14,747	14,865	14,441	14,779	14,818	14,489	-0.8	1.8
Water supply	10,817	10,570	10,218	9,836	9,668	10,602	2.3	2.0
Conservation and development	4,442	4,168	3,770	4,116	4,528	4,374	6.6	1.6
Manufacturing	19,262	17,305	17,706	18,332	17,139	14,042	11.3	37.2
Total Private Construction <sup>1</sup>	815,532	811,278	807,830	801,690	791,373	738,714	0.5	10.4
Residential	585,258	583,578	576,963	573,169	563,450	522,178	0.3	12.1
Nonresidential	230,274	227,699	230,867	228,521	227,923	216,536	1.1	6.3
Lodging	11,424	11,495	11,646	12,494	12,907	11,060	-0.6	3.3
Office	34,063	33,198	32,203	32,339	32,093	32,249	2.6	5.6
Commercial	62,263	61,020	62,888	62,276	63,308	56,400	2.0	10.4
Health care	24,982	25,225	26,280	25,727	26,456	25,167	-1.0	-0.7
Educational	12,806	12,621	12,746	12,815	13,087	12,676	1.5	1.0
Religious	8,024	7,611	8,027	8,101	7,891	8,048	5.4	-0.3
Amusement and recreation	8,930	9,112	8,852	8,743	8,708	7,767	-2.0	15.0
Transportation	6,268	6,446	6,674	6,553	6,439	7,074	-2.8	-11.4
Communication	14,918	15,415	15,656	14,367	13,653	12,455	-3.2	19.8
Power	25,770	26,524	26,950	25,598	25,186	27,978	-2.8	-7.9
Manufacturing	19,132	17,195	17,626	18,185	16,963	13,854	11.3	38.1
Total Public Construction <sup>2</sup>	236,260	235,579	233,981	235,596	236,198	235,154	0.3	0.5
Residential	7,563	7,596	7,893	7,396	7,751	6,787	-0.4	11.4
Nonresidential	228,697	227,983	226,088	228,199	228,447	228,368	0.3	0.1
Office	11,349	12,201	12,096	12,440	12,343	11,980	-7.0	-5.3
Commercial	4,791	4,645	4,345	4,259	4,475	4,140	3.1	15.7
Health care	6,813	6,617	6,599	7,037	6,894	6,525	3.0	4.4
Educational	63,965	63,734	62,851	63,957	63,409	62,283	0.4	2.7
Public safety	7,825	7,962	7,924	8,236	8,183	7,908	-1.7	-1.0
Amusement and recreation	9,874	9,760	9,834	10,385	10,496	11,354	1.2	-13.0
Transportation	18,111	17,539	18,464	18,632	19,443	20,048	3.3	-9.7
Power	7,466	7,215	7,891	7,487	7,267	6,606	3.5	13.0
Highway and street	69,003	69,301	67,992	67,235	66,722	67,585	-0.4	2.1
Sewage and waste disposal	14,559	14,540	14,108	14,540	14,593	14,025	0.1	3.8
Water supply	10,372	10,020	9,941	9,572	9,365	10,326	3.5	0.4
Conservation and development	4,115	3,957	3,676	3,943	4,442	3,980	4.0	3.4

<sup>&</sup>lt;sup>p</sup> Preliminary <sup>r</sup> Revised

<sup>&</sup>lt;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.

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.)

Total Construction  79,408  70,387  72,642  78,229  88,233  73,627  222,437  203,486  9.3  Residential  45,029  38,593  40,767  42,828  49,575  40,359  124,388  110,011  13.1  Nonresidential  34,379  31,795  31,875  35,401  38,657  33,268  98,049  93,474  49,9  90,944  11,171  10,026  2,937  2,747  6,90  Office  3,683  3,430  3,325  3,579  3,804  3,608  10,438  9,94  4,4  4,90  Commercial  5,130  4,780  4,826  5,167  5,1689  6,068  5,137  6,168  6,168  6,178  6,178  6,188  6,188  6,198								Year-to-date		
Residential	Type of Construction	Mar 2005 <sup>p</sup>	Feb 2005 <sup>r</sup>	Jan 2005 <sup>r</sup>	Dec 2004	Nov 2004	Mar 2004	Mar 2005	Mar 2004	Percent change
Nonresidential	Total Construction	79,408	70,387	72,642	78,229	88,233	73,627	222,437	203,486	9.3
Lodging	Residential	45,029	38,593	40,767	42,828	49,575	40,359	124,388	110,011	13.1
Office Commercial         3,883         3,430         3,225         3,579         3,804         3,608         10,438         9,994         4.4           Commercial         5,130         4,780         4,266         5,157         5,802         4,657         14,736         13,559         8.7           Health care         2,619         2,500         2,551         2,659         2,842         2,622         7,671         7,346         4.4           Educational         5,606         5,267         5,289         5,698         6,088         6.17         1,773         1,78         0.8           Religious         619         569         605         6,43         689         617         1,773         1,78         0.8           Amusement and recreation         1,467         1,394         1,353         1,523         1,504         1,513         1,746         1,534         1,535         1,606         5,172         2,744         2,622         2,763         2,841         1,966         5,132         5,401         5.50         9,472         3,421         2,702         2,883         1,818         8,994         4,44         5,626         7,732         1,812         2,264         1,966         5,127	Nonresidential	34,379	31,795	31,875	35,401	38,657	33,268	98,049	93,474	4.9
Commercial   5,130   4,780   4,826   5,157   5,802   4,657   14,736   13,559   8.7						-				
Health care   2,619   2,500   2,651   2,659   2,842   2,622   7,671   7,346   4.4					•	-				
Educational   5,606   5,267   5,289   5,698   6,068   5,513   16,162   15,681   3.1   Religious   619   559   605   643   689   617   1,793   1,778   1,778   Public safety   630   616   629   700   748   640   1,874   1,898   1,33   Amusement and recreation   1,467   1,394   1,353   1,523   1,640   1,531   4,214   4,446   -5,2   Transportation   1,771   1,627   1,734   1,981   2,264   1,966   5,132   5,401   -5,0   Communication   1,252   1,103   1,066   1,374   1,255   1,047   3,421   2,720   25,8   Power   2,744   2,653   2,783   2,842   2,766   2,468   8,180   8,464   -3,44   Highway and street   4,060   3,474   3,360   4,395   5,687   3,945   10,894   9,943   9,6   Sewage and waste disposal   1,112   1,005   1,004   1,102   1,294   1,086   3,121   3,045   2,58   Water supply   820   763   732   773   831   799   2,315   2,288   1,2   Conservation and development   333   309   289   338   338   339   331   908   2,5   Manufacturing   1,561   1,324   1,346   1,576   1,478   1,127   4,230   3,256   29,9    Total Private Construction   62,914   55,246   57,500   60,885   68,451   57,212   175,660   158,026   11,2   Residential   44,454   38,048   40,186   42,218   48,924   39,835   122,688   108,537   13,0   Nonresidential   13,460   17,198   17,314   18,666   19,527   17,377   52,972   49,489   7,0   Office   2,763   2,517   2,415   2,585   2,789   2,627   7,695   7,306   5,3   Health care   2,058   1,981   2,034   2,078   2,251   2,084   6,072   5,812   4,5   Educational   999   916   927   987   1,055   979   2,842   2,802   1,4   Religious   618   567   604   642   687   619   1,789   1,778   6,68   7,092   7,4   Amusement and recreation   723   708   680   713   736   641   2,111   1,858   13,6   Commercial   4,748   4,744   4,446   5,424   4,346   1,034   3,399   2,687   7,092   7,4   Amusement and recreation   1,246   1,096   1,057   1,386   1,246   1,094   1,015   9,98   1,778   0,6   Commercial   4,748   4,541   4,541   4,541   4,544   4,411   4,244   4,446   4,441   4,441   4,446   4,446   4,446   4						-				
Religious   619   569   605   643   689   617   1,793   1,778   0.8   Public safety   630   616   629   700   748   640   1,874   1,898   1.3   Amusement and recreation   1,467   1,394   1,353   1,523   1,640   1,531   4,214   4,446   5.2   Transportation   1,771   1,627   1,734   1,981   2,264   1,966   5,132   5,401   5.0   Communication   1,252   1,103   1,066   1,374   1,255   1,047   3,421   2,720   25.8   Power   2,744   2,653   2,783   2,842   2,756   2,854   8,180   8,464   -3.4   Highway and street   4,060   3,474   3,360   4,395   5,667   3,455   10,894   9,943   9,6   Sewage and waste disposal   1,112   1,005   1,004   1,102   1,294   1,086   3,121   3,045   2.28   Water supply   820   763   732   773   831   799   2,315   2,288   1.5   Conservation and development   333   309   2289   338   333   330   931   908   2.5   Manufacturing   1,561   1,324   1,346   1,576   1,478   1,1127   4,230   3,256   29.9    Total Private Construction   62,914   55,246   57,500   60,885   68,451   57,212   175,660   158,026   11.2    Residential   44,454   38,048   40,186   42,218   48,924   39,835   136,06   136,537   130,045   130					•	-				
Public safety							-			
Amusement and recreation 1,467 1,394 1,353 1,523 1,640 1,531 4,214 4,446 5-52 Cransportation 1,771 1,627 1,734 1,981 2,264 1,966 5,132 5,401 5-50 Communication 1,252 1,103 1,066 1,374 1,255 1,047 3,421 2,720 25.8 Power 2,744 2,653 2,783 2,783 2,842 2,756 2,854 8,180 8,464 3,44 Highway and street 4,060 3,474 3,360 4,395 5,687 3,845 10,894 9,943 9,6 Sewage and waste disposal 1,112 1,005 1,004 1,102 1,294 1,066 3,121 3,045 2,5 Water supply 820 763 732 773 831 799 2,315 2,288 1,2 Conservation and development 333 309 289 338 383 330 931 998 2,5 Conservation and development 1,561 1,324 1,346 1,576 1,478 1,127 4,230 3,256 29.9 Total Private Construction 44,454 38,048 40,186 42,218 48,924 39,835 108,537 13.0 Norresidential 44,454 38,048 40,186 42,218 48,924 39,835 108,537 13.0 Norresidential 18,460 17,198 17,314 18,666 19,527 17,377 52,972 49,489 7.0 Gifice 2,763 2,517 2,415 2,585 2,789 2,627 7,695 7,306 5.3 Commercial 4,764 4,450 4,521 4,814 5,424 4,359 13,766 12,638 8.8 Health care 2,058 1,981 2,034 2,078 2,251 2,084 6,072 5,812 4,54 4,814 5,424 4,359 13,766 12,638 8.8 Health care 2,058 1,981 2,034 2,078 2,251 2,084 6,072 5,812 4,5 Educational 999 916 927 987 1,055 979 2,842 2,802 1,4 Religious 618 567 604 642 687 616 1,789 1,778 0,66 Amusement and recreation 723 708 680 713 736 641 2,111 1,858 13.6 Transportation 437 401 464 5542 569 504 1,303 1,778 0,66 Amusement and recreation 1,550 1,315 1,339 1,564 1,464 1,111 4,204 3,207 31.1 Total Public Construction 2 16,494 15,141 15,142 17,345 19,781 16,415 46,778 45,460 2,9 Commercial 4,607 4,351 1,350 1,351 1,351 1,351 1,351 1,351 1,351 1,351 1,351 1,351 1,351 1,352										
Transportation	•									
Communication										
Power	•									
Sewage and waste disposal Water supply   Regular Sewage and waste disposal Water supply   Regular Sewage and waste disposal   1,112   1,005   1,004   1,102   1,294   1,086   3,121   3,045   2,55   2,585   1,20   2,315   2,288   1,20   2,315   2,288   1,20   2,315   2,288   1,20   2,315   2,288   1,20   2,315   2,288   1,20   2,315   2,288   1,20   2,315   2,288   1,20   2,315   2,288   1,20   2,315   2,288   1,20   2,315   2,288   1,20   2,315   2,288   1,20   2,315   2,288   1,20   2,315   2,288   1,20   2,299	Power									-3.4
Water supply	Highway and street	4,060	3,474	3,360	4,395	5,687	3,845	10,894	9,943	9.6
Conservation and development   Manufacturing	Sewage and waste disposal	1,112	1,005	1,004	1,102	1,294	1,086	3,121	3,045	
Manufacturing         1,561         1,324         1,346         1,576         1,478         1,127         4,230         3,256         29.9           Total Private Construction 1         62,914         55,246         57,500         60,885         68,451         57,212         175,660         158,026         11.2           Residential         44,454         38,048         40,186         42,218         48,924         39,835         122,688         108,537         13.0           Nonresidential         18,460         17,198         17,314         18,666         19,527         17,377         52,972         49,489         7.0           Lodging         952         958         971         1,041         1,076         922         2,880         2,489         15.7           Office         2,763         2,517         2,415         2,585         2,789         2,627         7,695         7,506         5.3           Commercial         4,784         4,450         4,814         4,524         4,359         13,756         12,688         18.8           Health care         2,058         1,981         2,034         2,078         2,251         2,084         6,072         5,812         4.5										
Total Private Construction   G2,914   55,246   57,500   60,885   68,451   57,212   175,660   158,026   11.2	•									
Residential 44,454 38,048 40,186 42,218 48,924 39,835 122,688 108,537 13.0 Nonresidential 18,460 17,198 17,314 18,666 19,527 17,377 52,972 49,489 7.0 Lodging 952 958 971 1,041 1,076 922 2,880 2,489 15.7 Office 2,763 2,517 2,415 2,585 2,789 2,627 7,695 7,306 5.3 Commercial 4,784 4,450 4,521 4,814 5,424 4,359 13,756 12,638 8.8 Health care 2,058 1,981 2,034 2,078 2,251 2,084 6,072 5,812 4.5 Educational 999 916 927 987 1,055 979 2,842 2,802 1,4 Religious 618 567 604 642 687 616 1,789 1,778 0.6 Amusement and recreation 723 708 680 713 736 641 2,111 1,858 13.6 Transportation 437 401 464 542 569 504 1,303 1,443 9.7 Communication 1,246 1,096 1,057 1,368 1,246 1,034 3,399 2,687 26.5 Power 2,204 2,157 2,208 2,231 2,124 2,367 6,668 7,092 7.4 Manufacturing 1,550 1,315 1,339 1,564 1,464 1,111 4,204 3,207 31.1 Total Public Construction 920 913 910 994 1,015 991 2,743 2,687 2.1 Commercial 346 330 305 343 378 298 981 920 6.6 Health care 920 913 910 994 1,015 991 2,743 2,687 2.1 Commercial 346 330 305 343 378 298 981 920 6.6 Health care 562 520 518 581 581 581 591 591 3,829 1,535 4,2 Educational 4,607 4,351 4,363 4,711 5,012 4,534 13,320 12,879 3,4 Public safety 607 595 608 680 725 619 1,810 1,837 1,535 Power 540 4,331 1,226 1,270 1,439 1,695 1,463 3,829 3,958 3.3 Power 540 4,97 576 611 632 487 1,612 1,373 1,74 Highway and street 4,031 3,435 3,333 4,367 5,655 3,821 10,798 9,843 9,7 Sewage and waste disposal 1,098 981 979 1,083 1,274 1,051 3,058 2,950 3,3	Manufacturing	1,561	1,324	1,346	1,576	1,478	1,127	4,230	3,256	29.9
Nonresidential	Total Private Construction <sup>1</sup>	62,914	55,246	57,500	60,885	68,451	57,212	175,660	158,026	11.2
Lodging Office         952 2,763         958 2,763         971 2,415 2,585         2,789 2,789 2,789 2,627 7,695 7,306         2,489 5,368 8.8         15.7 6,706 5.3           Commercial         4,784 4,450 4,521 4,814 5,424 4,359 13,756 12,638 8.8         8.8         Health care         2,058 1,981 2,034 2,078 2,251 2,084 6,072 5,812 4.5         Educational         999 916 927 987 1,055 979 2,842 2,802 1,4         4.5           Educational         999 916 997 987 1,055 979 2,842 2,802 1,4         1,778 0,6         687 666 667 666 1,789 1,778 0,6         687 666 1,789 1,778 0,6         687 661 1,789 1,778 0,6         0.6           Amusement and recreation         723 708 680 713 736 641 2,111 1,858 13.6         1,881 2,246 1,096 1,057 1,368 1,246 1,034 3,399 2,687 26.5         2,687 2,687 26.5         9.504 1,303 1,443 -9.7         2,078 2,687 26.5         2,024 2,157 2,208 2,231 2,124 2,367 6,568 7,092 7.4         4,04 1,111 4,204 3,207 31.1         3,399 2,687 26.5         2,687 2,74 4,204 3,207 31.1         3,307 31.1         3,309 3,207 31.1         3,307 31.1         3,307 31.1         3,307 31.1         3,307 31.1         3,46 3,30 3,30 3,30 3,30 3,30 3,30 3,30 3,3	Residential	44,454	38,048	40,186	42,218	48,924	39,835	122,688	108,537	13.0
Office         2,763         2,517         2,415         2,585         2,789         2,627         7,695         7,306         5.3           Commercial         4,784         4,450         4,521         4,814         5,424         4,359         13,756         12,638         8.8           Health care         2,058         1,981         2,034         2,078         2,251         2,084         6,072         5,812         4.5           Educational         999         916         927         987         1,055         979         2,842         2,802         1.4           Religious         618         567         604         642         687         616         1,789         1,778         0.6           Amusement and recreation         723         708         680         713         736         641         2,111         1,858         13.6           Transportation         437         401         464         542         569         504         1,303         1,443         -9.7           Communication         1,246         1,096         1,057         1,368         1,246         1,034         3,399         2,687         26.5           Power         2,204 </td <td>Nonresidential</td> <td>18,460</td> <td>17,198</td> <td>17,314</td> <td>18,666</td> <td>19,527</td> <td>17,377</td> <td>52,972</td> <td>49,489</td> <td>7.0</td>	Nonresidential	18,460	17,198	17,314	18,666	19,527	17,377	52,972	49,489	7.0
Commercial         4,784         4,450         4,521         4,814         5,424         4,359         13,756         12,638         8.8           Health care         2,058         1,981         2,034         2,078         2,251         2,084         6,072         5,812         4.5           Educational         999         916         927         987         1,055         979         2,842         2,802         1.4           Religious         618         567         604         642         687         616         1,789         1,778         0.6           Amusement and recreation         723         708         680         713         736         641         2,111         1,858         13.6           Transportation         437         401         464         542         569         504         1,303         1,443         -9.7           Communication         1,246         1,096         1,057         1,368         1,246         1,034         3,399         2,687         26.5           Power         2,204         2,157         2,208         2,231         2,124         2,367         6,568         7,092         -7.4           Manufacturing <td< td=""><td>Lodging</td><td>952</td><td>958</td><td>971</td><td>1,041</td><td>1,076</td><td>922</td><td>2,880</td><td>2,489</td><td>15.7</td></td<>	Lodging	952	958	971	1,041	1,076	922	2,880	2,489	15.7
Health care										
Educational Religious         999         916         927         987         1,055         979         2,842         2,802         1.4           Religious         618         567         604         642         687         616         1,789         1,778         0.6           Amusement and recreation         723         708         680         713         736         641         2,111         1,858         13.6           Transportation         437         401         464         542         569         504         1,303         1,443         -9.7           Communication         1,246         1,096         1,057         1,368         1,246         1,034         3,399         2,687         26.5           Power         2,204         2,157         2,208         2,231         2,124         2,367         6,568         7,092         -7.4           Manufacturing         1,550         1,315         1,339         1,564         1,464         1,111         4,204         3,207         31.1           Total Public Construction 2         16,494         15,141         15,142         17,345         19,781         16,415         46,778         45,460         2.9		,								
Religious         618         567         604         642         687         616         1,789         1,778         0.6           Amusement and recreation         723         708         680         713         736         641         2,111         1,858         13.6           Transportation         437         401         464         542         569         504         1,303         1,443         -9.7           Communication         1,246         1,096         1,057         1,368         1,246         1,034         3,399         2,687         26.5           Power         2,204         2,157         2,208         2,231         2,124         2,367         6,568         7,092         -7.4           Manufacturing         1,550         1,315         1,339         1,564         1,464         1,111         4,204         3,207         31.1           Total Public Construction 2         16,494         15,141         15,142         17,345         19,781         16,415         46,778         45,460         2.9           Residential         575         545         581         610         651         524         1,701         1,474         15.4           Nonre							-			
Amusement and recreation 723 708 680 713 736 641 2,111 1,858 13.6 Transportation 437 401 464 542 569 504 1,303 1,443 -9.7 Communication 1,246 1,096 1,057 1,368 1,246 1,034 3,399 2,687 26.5 Power 2,204 2,157 2,208 2,231 2,124 2,367 6,568 7,092 -7.4 Manufacturing 1,550 1,315 1,339 1,564 1,464 1,111 4,204 3,207 31.1 Total Public Construction 2 16,494 15,141 15,142 17,345 19,781 16,415 46,778 45,460 2.9 Residential 575 545 581 610 651 524 1,701 1,474 15.4 Nonresidential 15,919 14,597 14,561 16,735 19,130 15,891 45,077 43,986 2.5 Office 920 913 910 994 1,015 981 2,743 2,687 2.1 Commercial 346 330 305 343 378 298 981 920 6.6 Health care 562 520 518 581 590 538 1,599 1,535 4.2 Educational 4,607 4,351 4,363 4,711 5,012 4,534 13,320 12,879 3.4 Public safety 607 595 608 680 725 619 1,810 1,837 -1.5 Amusement and recreation 744 687 672 810 904 890 2,103 2,588 -18.7 Transportation 1,333 1,226 1,270 1,439 1,695 1,463 3,829 3,958 -3.3 Power 540 497 576 611 632 487 1,612 1,373 17.4 Highway and street 4,031 3,435 3,333 4,367 5,655 3,821 10,798 9,843 9.7 Sewage and waste disposal 1,098 981 979 1,083 1,274 1,051 3,058 2,950 3.7										
Transportation         437         401         464         542         569         504         1,303         1,443         -9.7           Communication         1,246         1,096         1,057         1,368         1,246         1,034         3,399         2,687         26.5           Power         2,204         2,157         2,208         2,231         2,124         2,367         6,568         7,092         -7.4           Manufacturing         1,550         1,315         1,339         1,564         1,464         1,111         4,204         3,207         31.1           Total Public Construction 2         16,494         15,141         15,142         17,345         19,781         16,415         46,778         45,460         2.9           Residential         575         545         581         610         651         524         1,701         1,474         15.4           Nonresidential         15,919         14,597         14,561         16,735         19,130         15,891         45,077         43,986         2.5           Office         920         913         910         994         1,015         981         2,743         2,687         2.1 <t< td=""><td>=</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	=									
Communication         1,246         1,096         1,057         1,368         1,246         1,034         3,399         2,687         26.5           Power         2,204         2,157         2,208         2,231         2,124         2,367         6,568         7,092         -7.4           Manufacturing         1,550         1,315         1,339         1,564         1,464         1,111         4,204         3,207         31.1           Total Public Construction 2         16,494         15,141         15,142         17,345         19,781         16,415         46,778         45,460         2.9           Residential         575         545         581         610         651         524         1,701         1,474         15.4           Nonresidential         15,919         14,597         14,561         16,735         19,130         15,891         45,077         43,986         2.5           Office         920         913         910         994         1,015         981         2,743         2,687         2.1           Commercial         346         330         305         343         378         298         981         920         6.6           Health										
Power Manufacturing         2,204 1,550 1,315 1,339 1,564 1,464 1,464 1,111 4,204 3,207 31.1         7.092 3.207 31.1           Total Public Construction 2         16,494 15,141 15,142 17,345 19,781 16,415 46,778 45,460 2.9         45,460 2.9           Residential Nonresidential Nonresidential Commercial Commercial Health care Educational Public Safety Amusement and recreation Transportation Transporta	•									
Manufacturing         1,550         1,315         1,339         1,564         1,464         1,111         4,204         3,207         31.1           Total Public Construction 2         16,494         15,141         15,142         17,345         19,781         16,415         46,778         45,460         2.9           Residential         575         545         581         610         651         524         1,701         1,474         15.4           Nonresidential         15,919         14,597         14,561         16,735         19,130         15,891         45,077         43,986         2.5           Office         920         913         910         994         1,015         981         2,743         2,687         2.1           Commercial         346         330         305         343         378         298         981         920         6.6           Health care         562         520         518         581         590         538         1,599         1,535         4.2           Educational         4,607         4,351         4,363         4,711         5,012         4,534         13,320         12,879         3.4           Public safety<										
Residential         575         545         581         610         651         524         1,701         1,474         15.4           Nonresidential         15,919         14,597         14,561         16,735         19,130         15,891         45,077         43,986         2.5           Office         920         913         910         994         1,015         981         2,743         2,687         2.1           Commercial         346         330         305         343         378         298         981         920         6.6           Health care         562         520         518         581         590         538         1,599         1,535         4.2           Educational         4,607         4,351         4,363         4,711         5,012         4,534         13,320         12,879         3.4           Public safety         607         595         608         680         725         619         1,810         1,837         -1.5           Amusement and recreation         744         687         672         810         904         890         2,103         2,588         -18.7           Transportation         1,333		· · · · · · · · · · · · · · · · · · ·				-	-			
Nonresidential         15,919         14,597         14,561         16,735         19,130         15,891         45,077         43,986         2.5           Office         920         913         910         994         1,015         981         2,743         2,687         2.1           Commercial         346         330         305         343         378         298         981         920         6.6           Health care         562         520         518         581         590         538         1,599         1,535         4.2           Educational         4,607         4,351         4,363         4,711         5,012         4,534         13,320         12,879         3.4           Public safety         607         595         608         680         725         619         1,810         1,837         -1.5           Amusement and recreation         744         687         672         810         904         890         2,103         2,588         -18.7           Transportation         1,333         1,226         1,270         1,439         1,695         1,463         3,829         3,958         -3.3           Power         540	Total Public Construction <sup>2</sup>	16,494	15,141	15,142	17,345	19,781	16,415	46,778	45,460	2.9
Office         920         913         910         994         1,015         981         2,743         2,687         2.1           Commercial         346         330         305         343         378         298         981         920         6.6           Health care         562         520         518         581         590         538         1,599         1,535         4.2           Educational         4,607         4,351         4,363         4,711         5,012         4,534         13,320         12,879         3.4           Public safety         607         595         608         680         725         619         1,810         1,837         -1.5           Amusement and recreation         744         687         672         810         904         890         2,103         2,588         -18.7           Transportation         1,333         1,226         1,270         1,439         1,695         1,463         3,829         3,958         -3.3           Power         540         497         576         611         632         487         1,612         1,373         17.4           Highway and street         4,031         3	Residential	575	545	581	610	651	524	1,701	1,474	15.4
Office         920         913         910         994         1,015         981         2,743         2,687         2.1           Commercial         346         330         305         343         378         298         981         920         6.6           Health care         562         520         518         581         590         538         1,599         1,535         4.2           Educational         4,607         4,351         4,363         4,711         5,012         4,534         13,320         12,879         3.4           Public safety         607         595         608         680         725         619         1,810         1,837         -1.5           Amusement and recreation         744         687         672         810         904         890         2,103         2,588         -18.7           Transportation         1,333         1,226         1,270         1,439         1,695         1,463         3,829         3,958         -3.3           Power         540         497         576         611         632         487         1,612         1,373         17.4           Highway and street         4,031         3	Nonresidential	15,919	14,597	14,561	16,735	19,130	15,891	45,077	43,986	2.5
Health care         562         520         518         581         590         538         1,599         1,535         4.2           Educational         4,607         4,351         4,363         4,711         5,012         4,534         13,320         12,879         3.4           Public safety         607         595         608         680         725         619         1,810         1,837         -1.5           Amusement and recreation         744         687         672         810         904         890         2,103         2,588         -18.7           Transportation         1,333         1,226         1,270         1,439         1,695         1,463         3,829         3,958         -3.3           Power         540         497         576         611         632         487         1,612         1,373         17.4           Highway and street         4,031         3,435         3,333         4,367         5,655         3,821         10,798         9,843         9.7           Sewage and waste disposal         1,098         981         979         1,083         1,274         1,051         3,058         2,950         3.7	Office					-	-	-		
Educational         4,607         4,351         4,363         4,711         5,012         4,534         13,320         12,879         3.4           Public safety         607         595         608         680         725         619         1,810         1,837         -1.5           Amusement and recreation         744         687         672         810         904         890         2,103         2,588         -18.7           Transportation         1,333         1,226         1,270         1,439         1,695         1,463         3,829         3,958         -3.3           Power         540         497         576         611         632         487         1,612         1,373         17.4           Highway and street         4,031         3,435         3,333         4,367         5,655         3,821         10,798         9,843         9.7           Sewage and waste disposal         1,098         981         979         1,083         1,274         1,051         3,058         2,950         3.7	Commercial	346	330	305	343	378	298	981		
Public safety         607         595         608         680         725         619         1,810         1,837         -1.5           Amusement and recreation         744         687         672         810         904         890         2,103         2,588         -18.7           Transportation         1,333         1,226         1,270         1,439         1,695         1,463         3,829         3,958         -3.3           Power         540         497         576         611         632         487         1,612         1,373         17.4           Highway and street         4,031         3,435         3,333         4,367         5,655         3,821         10,798         9,843         9.7           Sewage and waste disposal         1,098         981         979         1,083         1,274         1,051         3,058         2,950         3.7	Health care	562	520	518	581	590			1,535	4.2
Amusement and recreation         744         687         672         810         904         890         2,103         2,588         -18.7           Transportation         1,333         1,226         1,270         1,439         1,695         1,463         3,829         3,958         -3.3           Power         540         497         576         611         632         487         1,612         1,373         17.4           Highway and street         4,031         3,435         3,333         4,367         5,655         3,821         10,798         9,843         9.7           Sewage and waste disposal         1,098         981         979         1,083         1,274         1,051         3,058         2,950         3.7		4,607		-						
Transportation         1,333         1,226         1,270         1,439         1,695         1,463         3,829         3,958         -3.3           Power         540         497         576         611         632         487         1,612         1,373         17.4           Highway and street         4,031         3,435         3,333         4,367         5,655         3,821         10,798         9,843         9.7           Sewage and waste disposal         1,098         981         979         1,083         1,274         1,051         3,058         2,950         3.7	•								-	
Power         540         497         576         611         632         487         1,612         1,373         17.4           Highway and street         4,031         3,435         3,333         4,367         5,655         3,821         10,798         9,843         9.7           Sewage and waste disposal         1,098         981         979         1,083         1,274         1,051         3,058         2,950         3.7									-	
Highway and street       4,031       3,435       3,333       4,367       5,655       3,821       10,798       9,843       9.7         Sewage and waste disposal       1,098       981       979       1,083       1,274       1,051       3,058       2,950       3.7	•					-	-		-	
Sewage and waste disposal         1,098         981         979         1,083         1,274         1,051         3,058         2,950         3.7										
								-	-	
					•		-			
										4.8

<sup>&</sup>lt;sup>p</sup> Preliminary <sup>r</sup> Revised

<sup>&</sup>lt;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.

Table 3. Coefficients of Variation and Standard Errors by Type of Construction (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	1.0	0.9	1.3	1.0	1.5		
Residential	6.8	4.5	5.6	3.2	5.3		
Nonresidential	1.0	0.9	1.3	1.0	1.5		
Lodging	3.9	3.0	4.6	1.9	4.3		
Office	3.6	4.0	5.0	3.3	5.6		
Commercial	3.0	2.4	2.8	2.4	3.2		
Health care	2.8	2.5	3.7	2.4	3.9		
Educational	2.3	1.8	3.0	2.0	3.4		
Religious	4.3	3.6	4.5	3.6	5.2		
Public safety	3.4	2.9	4.2	2.4	4.6		
Amusement and recreation	4.0	3.6	4.6	2.9	5.0		
Transportation	2.5	4.7	4.7	5.6	6.1		
Communication	NA	NA	NA	NA	NA		
Power	1.4	1.5	1.2	1.3	1.5		
Highway and street	3.6 3.7	2.8 3.1	4.0 4.8	4.0	4.6		
Sewage and waste disposal Water supply	4.2	3.1	5.0	3.2 4.3	5.6 6.0		
Conservation and development	6.2	6.4	7.8	3.8	8.1		
Manufacturing	5.0	6.6	7.3	4.5	8.3		
Total Private Construction	1.5	1.4	1.8	1.3	2.1		
Residential	5.0	1.1	1.3	0.8	1.4		
Nonresidential	1.5	1.4	1.8	1.3	2.1		
Lodging	4.0	3.1	4.8	1.9	4.5		
Office	4.7	5.2	6.1	4.2	6.9		
Commercial	3.1	2.6	2.9	2.6	3.3		
Health care	3.3	2.9	4.3	2.8	4.6		
Educational	4.2	4.0	4.6	3.6	5.0		
Religious	4.3	3.6	4.5	3.6	5.2		
Amusement and recreation	5.7	5.4	7.6	4.0	8.1		
Transportation	8.8	5.2	5.8	6.7	7.8		
Communication	NA	NA	NA	NA	NA		
Power Manufacturing	1.3 5.0	1.5 6.7	1.0 7.4	0.9 4.6	1.3 8.4		
Total Public Construction	1.4	1.1	1.6	1.4	1.9		
Residential	6.8	4.5	5.6	3.2	5.3		
Nonresidential	1.4	1.1	1.7	1.4	2.0		
Office Commercial	3.3 7.2	2.8 4.1	2.9 7.5	2.9 2.7	3.5		
Health care	3.7	3.5	4.3	3.1	7.7 5.0		
Educational	2.6	2.0	3.5	2.3	4.0		
Public safety	3.5	3.0	4.2	2.3	4.7		
Amusement and recreation	5.5	4.2	5.0	4.1	5.7		
Transportation	4.3	5.1	5.2	6.2	6.8		
Power	4.5	3.9	5.7	3.6	6.5		
Highway and street	3.6	2.8	4.0	4.1	4.7		
Sewage and waste disposal	3.7	3.1	4.8	3.2	5.6		
Water supply	4.3	3.5	4.9	4.5	5.8		
Conservation and development	6.5	6.8	8.5	4.0	9.2		

NA Not applicable