

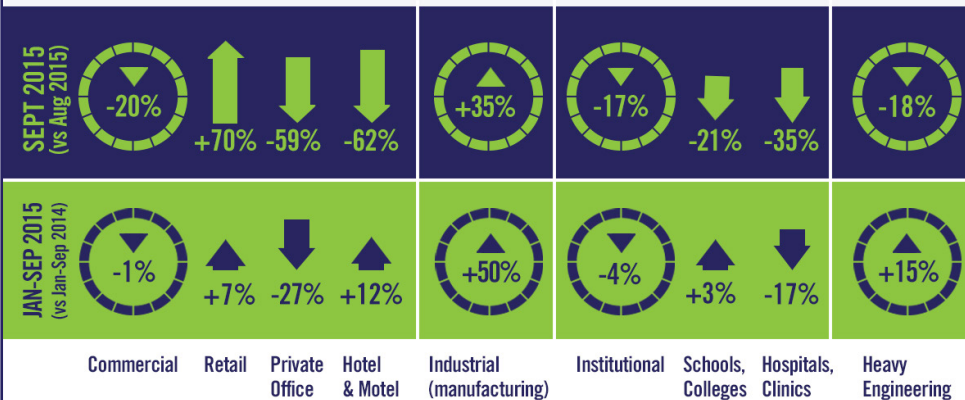
# Construction Industry Snapshot

October 2015

## CMD's Starts Suffer Slide in September

September's level of U.S. construction starts, excluding residential work, **was \$25.0 billion, a drop of 18.0% versus August.**

*That compares unfavorably with the long-term September-versus-August percentage change, due to seasonality, of -3.0%.*



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Updated October 23, 2015.

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## September's Notable Points

- With respect to their month-to-month dollar-volume performances in September, there was a notable degree of consistency among the three major sub-categories of non-residential construction starts. Commercial's 20.0% drop was only a little worse than heavy engineering's pullback of 18.2%. And institutional was only a little less negative with a fall of 16.8%.
- Comparing the individual month of September this year with the same month of last year, engineering starts (+19.4%) performed best. Both commercial (-24.5%) and institutional (-12.3%) declined. The smaller-volume category of industrial was way ahead, +410.0%.

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## CMD's Starts Suffer Slide in September

CMD announced today that September's level of U.S. construction starts, excluding residential work, was \$25.0 billion, a drop of 18.0% versus August. That compares poorly with the long-term September-versus-August percentage change, due to seasonality, of -3.0%.

In the four months preceding September, CMD's non-residential starts averaged \$31.2 billion.

September of this year compared with the same ninth month of last year was -2.5%.

Year-to-date starts in 2015, though, are holding up fairly well. When compared with the same January-to-September period of 2014, they are ahead by 5.6%.

The starts figures throughout this report are not seasonally adjusted (NSA). Nor are they altered for inflation. They are expressed in what are termed 'current' as opposed to 'constant' dollars.

'Non-residential building' plus 'engineering/civil' work accounts for a considerably larger share of total construction than residential activity. The former's combined proportion of total put-in-place construction in the Census Bureau's September report was 64%; the latter's was 36%.

CMD's construction starts are leading indicators for the Census Bureau's capital investment or put-in-place series. Also, the reporting period for starts (i.e., September 2015) is one month ahead of the reporting period for the investment series (i.e., August 2015.)

In its latest Employment Situation report, the Bureau of Labor Statistics (BLS) sets out a total construction employment increase of 8,000 jobs in September. The year-to-date gain has been 121,000, or 13,400 per month. Total non-farm employment in September was +2.0% year over year. Construction's change was stronger at +3.3%. Nevertheless, there has been a gradual slowing in the sub-sector's year-over-year improvement, which was at its best in December 2014, +5.7%.

The unemployment rate in construction in September tightened to 5.5% from 6.1% in August. A year ago, it had been 7.0%; two years ago, 8.5%.

Before there can be on-site construction activity, projects must be contemplated and planned by owners and rendered into working drawings by design professionals. Total jobs in architectural and engineering services in September were flat (0.0%) after August's 0.3% decline. The latest month's year-over-year change was +2.6%, continuing to step down from March's +3.9% peak.

With respect to their month-to-month dollar-volume performances in September, there was a notable degree of consistency among the three major sub-categories of non-residential construction starts. Commercial's 20.0% drop was only a little worse than heavy engineering's pullback of 18.2%. And institutional was only a little less negative with a fall of 16.8%.

Due to its dollar volume usually being much lower than for the other three sub-components, the industrial category (+35.3% month to month in September) is often considered separately. Also, its percentage change can be inordinately influenced by go-aheads for one or two mega projects.

Comparing the individual month of September this year with the same month of last year, engineering starts (+19.4%) performed best. Both commercial (-24.5%) and institutional (-12.3%) declined. The smaller-volume category of industrial was way ahead, +410.0%.

In year-to-date (ytd) starts, versus the same January to September period of last year, non-residential building held steady (+0.4%), thanks to little movement in commercial (-0.7%) and a contraction in institutional (-4.0%) that was offset by a substantial uptick in industrial (+50.0%).

With a share slightly above 40%, 'road/highway' work is the largest sub-component of the heavy engineering category. On a year-to-date (ytd) basis in September, the dollar volume of 'street' starts was +13.4%. But more recently (i.e., month over month or m/m), this sub-sector was -33.2%. Comparing September of this year with the same month of 2014 (i.e., y/y), the change was only marginally negative, -1.8%. A too great reliance on extensions to financing bills in Washington is promoting uncertainty and opening up fissures along the approvals path.

'Water/sewage' work, the second biggest category within engineering, also had a mixed record in September (-36.2% m/m; but +8.1% y/y; and +15.8% ytd). The miscellaneous engineering category (+49.9% m/m; +118.3% y/y; and +18.9% ytd) benefitted from a groundbreaking at a large electric power plant, for Alliant Energy, in Wisconsin.

The 'school/college' sub-category, which is dominant within institutional construction, was: -21.3% m/m in September; and -5.0% y/y; but +3.4% ytd. Acting as an even more serious drag were 'hospital/clinic' starts (-35.4% m/m; -53.2% y/y; and

## VALUE OF UNITED STATES CONSTRUCTION STARTS — SEPTEMBER 2015 YEAR TO DATE (CMD)

	Jan-Sep 15 (\$ billions)	% Change Jan-Sep 15 vs Jan-Sep 14	% Change Sep 15 vs Sep 14	% Change Sep 15 vs Aug 15
<b>Hotel/Motel</b>	7.111	11.7%	-32.7%	-62.2%
<b>Retail</b>	15.107	7.3%	40.9%	69.6%
<b>Parking Garage</b>	2.188	73.7%	-27.8%	-80.0%
<b>Amusement</b>	4.311	-22.0%	-74.0%	-20.7%
<b>Private Office</b>	9.597	-27.3%	-68.5%	-59.1%
<b>Government Office</b>	7.224	-12.7%	-37.6%	-30.8%
<b>Laboratory</b>	1.926	-4.0%	430.4%	566.6%
<b>Warehouse</b>	7.143	23.0%	-40.1%	-26.9%
<b>Miscellaneous Commercial</b>	9.633	17.8%	-51.5%	-65.9%
<b>COMMERCIAL</b>	<b>64.241</b>	<b>-0.7%</b>	<b>-24.5%</b>	<b>-20.0%</b>
<b>INDUSTRIAL (Manufacturing)</b>	<b>10.590</b>	<b>50.0%</b>	<b>410.0%</b>	<b>35.3%</b>
<b>Religious</b>	1.209	6.3%	-39.5%	-24.3%
<b>Hospital/Clinic</b>	8.372	-17.4%	-53.2%	-35.4%
<b>Nursing/Assisted Living</b>	3.628	19.4%	22.7%	30.9%
<b>Library/Museum</b>	1.374	-24.1%	-14.5%	-7.7%
<b>Police/Courthouse/Prison</b>	4.802	68.3%	51.8%	26.6%
<b>Military</b>	3.562	-58.8%	-6.9%	4.9%
<b>School/College</b>	43.911	3.4%	-5.0%	-21.3%
<b>Miscellaneous Government</b>	2.230	18.7%	-38.5%	-52.9%
<b>INSTITUTIONAL</b>	<b>69.089</b>	<b>-4.0%</b>	<b>-12.3%</b>	<b>-16.8%</b>
<b>Miscellaneous Non-residential</b>	3.298	13.5%	-1.1%	-32.9%
<b>NON-RESIDENTIAL BUILDING</b>	<b>147.218</b>	<b>0.4%</b>	<b>-16.3%</b>	<b>-17.9%</b>
<b>Airport</b>	2.506	-2.2%	14.5%	-30.5%
<b>Road/Highway</b>	41.429	13.4%	-1.8%	-33.2%
<b>Bridge</b>	9.491	11.0%	-0.9%	-12.5%
<b>Dam/Marine</b>	4.092	27.1%	-1.3%	13.9%
<b>Water/Sewage</b>	21.934	15.8%	8.1%	-36.2%
<b>Miscellaneous Civil</b>	16.295	18.9%	118.3%	49.9%
<b>HEAVY ENGINEERING</b>	<b>95.746</b>	<b>14.7%</b>	<b>19.4%</b>	<b>-18.2%</b>
<b>TOTAL NON-RESIDENTIAL</b>	<b>242.964</b>	<b>5.6%</b>	<b>-2.7%</b>	<b>-18.0%</b>

Source: CMD Research Group/Table: CMD.

-17.4% ytd). The 'nursing/assisted living' (+30.9% m/m; +22.7% y/y; and +19.4% ytd) and 'police/courthouse/prison' (+26.6% m/m; +51.8% y/y; and +68.3% ytd) categories, however, were entirely in the ascendant.

Within commercial, 'private office' (-59.1% m/m; -68.5% y/y; and -27.3% ytd) and 'government office' (-30.8% m/m; -37.6% y/y; and -12.7% ytd) are languishing. 'Warehouse' (-26.9% m/m; and -40.1% y/y; but +23.0% ytd) and 'hotel/motel' (-62.2% m/m; and -32.7% y/y; but +11.7% ytd) are telling mixed stories. Retail (+69.6% m/m; +40.9% y/y; and +7.3% ytd), on the other hand, is uniformly on the upside.

Among the 12-month moving average trend-line graphs on page 4 of this report, 'private office buildings' seem stuck in a downward trajectory. The slopes for the 'road/highway', 'sewer and water' and 'miscellaneous civil' categories appear more favorably.

September's Employment Situation report from the BLS shows total private-sector average hourly earnings staying the same as in July, at +2.2% year over year. Average weekly earnings pulled back from +2.5% to +2.2%. In construction, average hourly earnings slowed from +2.7% to +1.9%, while average weekly earnings retreated from +2.2% to a barely discernible +0.6%.

The value of construction starts each month is summarized from CMD's database of all active construction projects in the U.S. Missing project values are estimated with the help of RSMeans' building cost models.

CMD's non-residential construction starts series, because it is comprised of total-value estimates for individual projects, some of which are mega-sized, has a history of being more volatile than many other leading indicators for the economy. ♦

Alex Carrick

A "start" is determined by taking the announced bid date and adding a short time lag (30 to 60 days). CMD continues to follow the project via its network of researchers. If it is abandoned or re-bid, the start date is updated to reflect the new information.

Alex Carrick is Chief Economist for CMD. He has delivered presentations throughout North America on the U.S., Canadian and world construction outlooks. Mr. Carrick has been with CMD since 1985. Links to his numerous articles are featured on Twitter @CMD\_GroupLLC — which has 38,000 followers — and @Alex\_Carrick.

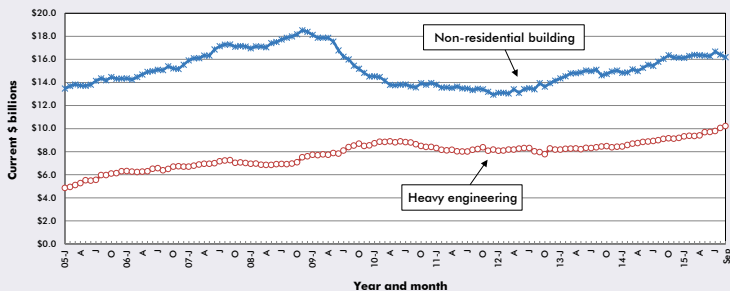
## THESE ARE THE 10 LARGEST PROJECTS IN THE U.S. START FIGURES FOR SEPTEMBER 2015

REGION (EAST TO WEST)	TYPE OF CONSTRUCTION	DESCRIPTION	SQUARE FEET 000S	DOLLARS 000,000S
<b>Virginia</b>				
Northampton County	Engineering	Chesapeake Bay Parallel Thimble Shoal Tunnel	*	\$724
Boydton	Industrial	Data Center/Industrial Lab. (1 structure; 1 story) Antlers Rd Microsoft Corporation	1,568	\$348
Ft Belvoir	Institutional	Fort Belvoir Secure Administration & Operations Facility (1 structure; 6 stories) Fort Belvoir US Army Corp of Engineers	382	\$175
<b>Wisconsin</b>				
Beloit	Engineering	Alliant Riverside Energy Center (1 structure) 1401 W B R Townline Rd Alliant Energy Corporation	*	\$725
<b>Illinois</b>				
Chicago	Institutional	Simpson Querrey Biomedical Research (1 structure; 12 stories) 303 W Superior St Northwestern University Design & Construction	600	\$370
<b>North Dakota</b>				
Williston	Commercial	Northstar Center Mixed Use (3 stories) 56th St & US Hwy 2/85 Murphy Motors Inc Williston	11,429	\$1,000
<b>Oklahoma</b>				
Tahlequah	Commercial	Cherokee Springs Plaza Site (14 structures; 1 story) E Willis Rd Cherokee Nation Entertainment	1,943	\$170
<b>Texas</b>				
Cypress	Institutional	Cypress Fairbanks High School 12 & Elementary School 55 (2 structures; 2 stories) between Mason Rd & The Grand Pkwy Cypress Fairbanks ISD Purchasing	570	\$140
<b>California</b>				
San Francisco	Residential	Transbay Block 8 Mixed Use Development (1 structure; 56 stories) Folsom St Between 1st and Fremont Sts Transbay & Urban Housing LLC	2,101	\$250
Fremont	Institutional	OCC Fremont Campus Academic Core Buildings LLB (3 structures; 3 stories) 43600 Mission Blvd Ohlone Community College District	189	\$135
<b>TOTALS:</b>			<b>18,782</b>	<b>\$4,037</b>

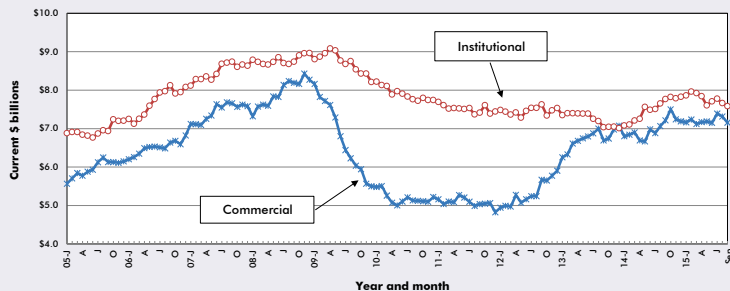
\*A square footage measure does not apply for alteration and engineering/civil work.

Source: CMD/Table: CMD.

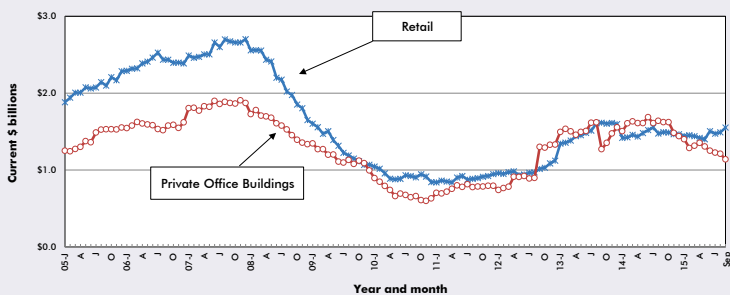
**GRAPH 1: U.S. NON-RESIDENTIAL CONSTRUCTION STARTS — CMD (12-MONTH MOVING AVERAGES)**



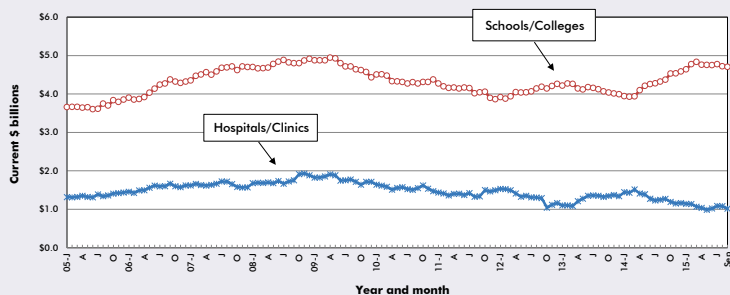
**GRAPH 2: U.S. COMMERCIAL AND INSTITUTIONAL CONSTRUCTION STARTS — CMD (12-MONTH MOVING AVERAGES)**



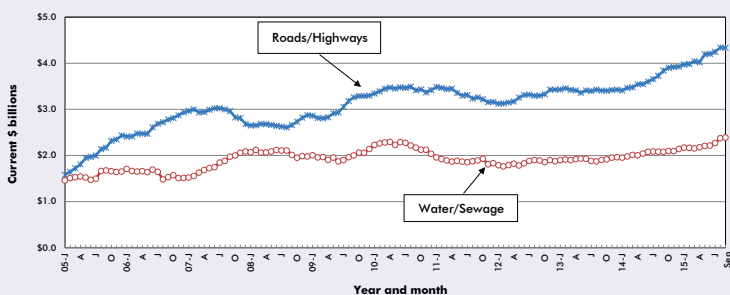
**GRAPH 3: U.S. RETAIL AND PRIVATE OFFICE BUILDING CONSTRUCTION STARTS — CMD (12-MONTH MOVING AVERAGES)**



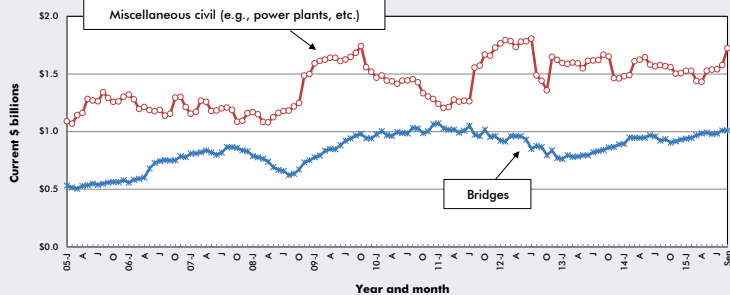
**GRAPH 4: U.S. HOSPITAL/CLINIC AND SCHOOL/COLLEGE CONSTRUCTION STARTS — CMD (12-MONTH MOVING AVERAGES)**



**GRAPH 5: U.S. ROAD/HIGHWAY AND WATER/SEWAGE CONSTRUCTION STARTS — CMD (12-MONTH MOVING AVERAGES)**



**GRAPH 6: U.S. BRIDGES AND MISCELLANEOUS CIVIL CONSTRUCTION STARTS — CMD (12-MONTH MOVING AVERAGES)**



Source: CMD/Charts: CMD.

## VALUE OF U.S. CONSTRUCTION STARTS — SEPTEMBER 2015 — CMD BILLIONS OF CURRENT \$\$, NOT SEASONALLY ADJUSTED (NSA)

	Latest month actuals			Moving averages (placed in end month)						Year to Date	
	Jul 15	Aug 15	Sep 15	Jul 15	3-months Aug 15	Sep 15	Jul 15	12-months Aug 15	Sep 15	Sep 2014	Sep 2015
Single Family	19.805	20.065	20.134	17.826	19.266	20.001	13.875	14.364	14.856	118.575	141.364
month-over-month % change	10.5%	1.3%	0.3%	11.8%	8.1%	3.8%	3.5%	3.5%	3.5%	5.4%	19.2%
year-over-year % change	39.7%	41.4%	41.5%	22.3%	33.6%	40.9%	11.2%	14.2%	17.1%		
Apartment	4.089	4.581	2.790	4.081	4.325	3.820	3.775	3.778	3.677	38.931	33.731
month-over-month % change	-5.0%	12.0%	-39.1%	1.9%	6.0%	-11.7%	0.6%	0.1%	-2.7%	15.9%	-13.4%
year-over-year % change	6.7%	0.9%	-30.4%	12.1%	10.8%	-7.4%	-13.7%	-14.7%	-15.6%		
<b>TOTAL RESIDENTIAL</b>	<b>23.894</b>	<b>24.646</b>	<b>22.924</b>	<b>21.906</b>	<b>23.591</b>	<b>23.821</b>	<b>17.649</b>	<b>18.142</b>	<b>18.533</b>	<b>157.506</b>	<b>175.095</b>
month-over-month % change	7.5%	3.1%	-7.0%	9.8%	7.7%	1.0%	2.9%	2.8%	2.2%		
year-over-year % change	32.7%	31.5%	25.7%	20.3%	28.7%	30.0%	4.7%	6.6%	8.8%	7.8%	11.2%
Hotel/Motel	0.701	1.399	0.529	0.652	0.916	0.876	0.774	0.796	0.775	6.364	7.111
month-over-month % change	8.2%	99.6%	-62.2%	-9.4%	40.5%	-4.3%	1.2%	2.9%	-2.7%	21.4%	11.7%
year-over-year % change	18.1%	23.7%	-32.7%	10.4%	19.8%	4.7%	30.6%	25.9%	17.6%		
Retail	1.473	1.530	2.595	2.089	2.076	1.866	1.473	1.489	1.552	14.076	15.107
month-over-month % change	-54.3%	-3.9%	69.6%	4.1%	-0.7%	-10.1%	-2.1%	-3.2%	-4.2%	-8.3%	7.3%
year-over-year % change	-20.7%	14.3%	40.9%	11.9%	20.6%	11.1%	-5.2%	0.9%	4.0%		
Parking Garages	0.543	0.497	0.100	0.332	0.433	0.380	0.209	0.231	0.227	1.260	2.188
month-over-month % change	110.9%	-8.5%	-80.0%	74.9%	30.2%	-12.2%	16.3%	10.1%	-1.4%		
year-over-year % change	183.2%	105.2%	-27.8%	110.9%	119.4%	99.3%	45.8%	65.6%	59.8%	-17.8%	73.7%
Amusement	0.561	0.372	0.295	0.589	0.522	0.409	0.554	0.534	0.464	5.525	4.311
month-over-month % change	-11.6%	-33.7%	-20.7%	21.1%	-11.2%	-21.7%	2.6%	-3.7%	-13.1%		
year-over-year % change	-41.9%	-39.5%	-74.0%	-0.3%	-18.4%	-42.7%	-1.2%	-4.2%	-23.2%	40.1%	-23.0%
Office	0.669	0.982	0.401	0.847	0.911	0.684	1.228	1.213	1.140	13.204	9.597
month-over-month % change	-38.2%	46.8%	-59.1%	-32.6%	7.5%	-24.9%	-1.9%	-1.2%	-6.0%	6.5%	-27.3%
year-over-year % change	-30.1%	-15.4%	-68.5%	-37.5%	-29.0%	-39.5%	-23.7%	-26.0%	-29.7%		
Governmental Offices	1.368	1.013	0.701	0.995	1.054	1.028	0.866	0.874	0.839	8.274	7.224
month-over-month % change	75.2%	-26.0%	-30.8%	14.9%	5.9%	-2.5%	2.1%	0.9%	-4.0%	12.3%	-12.7%
year-over-year % change	18.7%	10.8%	-37.6%	16.7%	13.9%	-3.4%	2.1%	2.3%	-3.9%		
Laboratories	0.100	0.080	0.532	0.088	0.085	0.237	0.163	0.155	0.191	2.006	1.926
month-over-month % change	31.4%	-19.8%	566.6%	4.1%	-0.7%	178.9%	-3.2%	-4.9%	17.1%		
year-over-year % change	61.3%	-54.5%	430.4%	-78.6%	-81.6%	110.9%	-31.0%	-37.2%	-23.4%	142.4%	-4.0%
Warehouse	2.334	0.844	0.617	1.136	1.287	1.265	0.771	0.759	0.725	5.806	7.143
month-over-month % change	241.0%	-63.8%	-26.9%	117.9%	13.3%	-1.7%	28.6%	-1.5%	-4.5%		
year-over-year % change	745.6%	-14.4%	-40.1%	81.0%	78.8%	65.5%	66.5%	44.2%	24.1%	85.5%	23.0%
Misc Commercial	1.282	0.857	0.292	1.450	1.220	0.810	1.352	1.267	1.241	8.176	9.633
month-over-month % change	-15.8%	-33.2%	-65.9%	21.4%	-18.8%	-33.6%	4.1%	-6.3%	-2.0%		
year-over-year % change	98.7%	-54.5%	-91.2%	72.4%	-2.9%	-22.2%	52.7%	28.8%	25.2%	-38.1%	17.8%
<b>TOTAL COMMERCIAL</b>	<b>9.033</b>	<b>7.573</b>	<b>6.062</b>	<b>8.179</b>	<b>8.505</b>	<b>7.560</b>	<b>7.990</b>	<b>7.318</b>	<b>7.154</b>	<b>64.691</b>	<b>64.241</b>
month-over-month % change	1.4%	-16.1%	-20.0%	8.9%	4.0%	-11.2%	3.4%	-1.0%	-2.2%		
year-over-year % change	47.3%	-10.3%	-24.5%	12.1%	6.7%	0.3%	7.4%	3.6%	-0.9%	2.7%	-0.7%
<b>TOTAL INDUSTRIAL (Manufacturing)</b>	<b>1.076</b>	<b>0.274</b>	<b>0.370</b>	<b>1.526</b>	<b>0.842</b>	<b>0.573</b>	<b>1.153</b>	<b>1.070</b>	<b>1.095</b>	<b>7.062</b>	<b>10.590</b>
month-over-month % change	-8.5%	-74.6%	35.3%	26.6%	-44.8%	-31.9%	6.7%	-7.2%	2.3%		
year-over-year % change	429.1%	-78.4%	410.0%	49.5%	-37.9%	11.6%	53.8%	37.7%	44.9%	16.7%	50.0%
Religious	0.128	0.114	0.086	0.180	0.174	0.109	0.131	0.131	0.126	1.138	1.209
month-over-month % change	-54.5%	-10.6%	-24.3%	7.4%	-3.3%	-37.6%	-1.6%	0.2%	-3.6%		
year-over-year % change	-16.7%	3.0%	-39.3%	22.1%	24.8%	-19.3%	-6.3%	-4.8%	-8.0%	-14.3%	6.3%
Hospitals/Clinics	1.406	1.048	0.677	0.995	1.115	1.044	1.090	1.082	1.018	10.141	8.372
month-over-month % change	57.7%	-25.5%	-35.4%	36.6%	12.0%	-6.4%	6.6%	-0.7%	-5.9%		
year-over-year % change	137.3%	-7.8%	-53.2%	27.3%	50.9%	-1.4%	-11.6%	-13.3%	-19.9%	-7.8%	-17.4%
Nursing/Assisted Living	0.265	0.417	0.547	0.307	0.362	0.410	0.388	0.384	0.392	3.040	3.628
month-over-month % change	-34.4%	57.6%	30.9%	-7.6%	17.9%	13.1%	-1.3%	-1.0%	2.2%		
year-over-year % change	-18.3%	-10.5%	22.2%	3.2%	-3.8%	-0.5%	12.9%	-9.9%	7.1%	7.8%	19.4%
Libraries/Museums	0.114	0.200	0.183	0.163	0.148	0.166	0.163	0.152	0.150	1.810	1.374
month-over-month % change	-12.0%	76.3%	-7.7%	-6.9%	-9.6%	12.6%	0.6%	-6.8%	-1.7%		
year-over-year % change	12.1%	-40.1%	-14.5%	-26.2%	-46.5%	-23.5%	-21.6%	-31.1%	-32.5%	21.2%	-24.1%
Police/Courthouse/Prison	0.923	0.372	0.471	0.646	0.613	0.589	0.469	0.470	0.483	2.853	4.802
month-over-month % change	69.4%	-59.7%	26.6%	18.7%	-5.1%	-4.0%	12.0%	0.1%	2.9%		
year-over-year % change	187.1%	1.7%	51.8%	69.6%	64.0%	77.0%	43.5%	45.8%	47.7%	-5.2%	68.3%
Military	0.405	0.647	0.678	0.578	0.595	0.577	0.528	0.480	0.476	8.644	3.562
month-over-month % change	-44.9%	59.7%	4.9%	14.3%	3.0%	-3.3%	-12.2%	-9.1%	-3.9%		
year-over-year % change	-68.5%	-47.1%	-6.9%	-63.2%	-38.3%	-46.6%	-30.8%	-42.0%	-43.6%	142.8%	-58.8%
Schools/Colleges	5.471	4.838	3.806	5.887	5.560	4.705	4.776	4.723	4.706	42.461	43.911
month-over-month % change	-14.1%	-11.6%	-21.3%	3.0%	-5.6%	-15.4%	0.5%	-1.1%	-0.4%		
year-over-year % change	5.1%	-11.7%	-5.0%	1.0%	-2.5%	-3.9%	11.7%	9.3%	7.6%	12.1%	3.4%
Misc Government	0.267	0.267	0.126	0.353	0.354	0.220	0.233	0.241	0.235	1.880	2.230
month-over-month % change	-49.5%	0.1%	-52.9%	4.7%	0.2%	-27.9%	3.9%	3.6%	-1.7%		
year-over-year % change	65.6%	59.5%	-38.5%	160.8%	155.1%	33.8%	4.3%	6.7%	2.8%	6.7%	18.7%
<b>TOTAL INSTITUTIONAL</b>	<b>8.978</b>	<b>7.903</b>	<b>6.576</b>	<b>9.110</b>	<b>8.922</b>	<b>7.819</b>	<b>7.778</b>	<b>7.663</b>	<b>7.586</b>	<b>71.966</b>	<b>69.089</b>
month-over-month % change	-9.2%	-12.0%	-16.8%	7.1%	-2.1%	-12.4%	0.9%	-1.5%	-1.0%		
year-over-year % change	10.2%	-14.8%	-12.3%	-2.7%	2.8%	-5.9%	3.6%	0.1%	-2.4%	14.5%	-4.0%
Misc Non Residential	0.397	0.474	0.318	0.428	0.450	0.396	0.354	0.361	0.360	2.906	3.298
month-over-month % change	-17.3%	19.3%	-32.9%	2.2%	5.1%	-12.0%	1.1%	2.0%	-0.1%		
year-over-year % change	12.6%	21.8%	-1.1%	25.6%	19.3%	11.8%	17.4%	17.3%	15.9%	18.8%	13.5%
<b>TOTAL NON-RES BUILDING</b>	<b>19.481</b>	<b>16.224</b>	<b>13.326</b>	<b>19.243</b>	<b>18.718</b>	<b>16.344</b>	<b>16.675</b>	<b>16.412</b>	<b>16.195</b>	<b>146.625</b>	<b>147.218</b>
month-over-month % change	-4.7%	-16.7%	-17.9%	9.0%	-2.7%	-12.7%	2.4%	-1.6%	-1.3%		
year-over-year % change	31.3%	-16.3%	-16.3%	6.8%	1.8%	-2.2%	8.0%	3.8%	0.9%	9.1%	0.4%
Airports	0.301	0.653	0.454	0.286	0.441	0.469	0.252	0.261	0.266	2.561	2.506
month-over-month % change	-18.5%	117.0%	-30.5%	32.4%	54.2%	6.4%	-9.4%	3.9%	1.8%		
year-over-year % change	-50.9%	21.8%	14.5%	-26.8%	-10.0%	-8.9%	-6.4%	-5.9%	-4.5%	23.9%	-2.2%
Roads/Highways	5.666	6.369	4.254	5.697	5.867	5.430	4.246	4.342	4.336	36.519	41.429
month-over-month % change	1.8%	12.4%	-33.2%	12.7%	3.0%	-7.5%	1.0%	2.3%	-0.1%		
year-over-year % change	9.9%	22.0%	-1.8%	18.6%	11.1%	10.7%	16.1%	16.4%	12.9%	15.7%	13.4%
Bridges	0.945	1.031	0.902	0.986	0.947	0.959	0.983	1.010	1.010	8.549	9.491
month-over-month % change	9.1%	9.1%	-12.5%	0.0%	-3.9%	1.3%	0.4%	2.7%	0.1%		
year-over-year % change	5.9%	45.5%	-0.9%	-0.3%	8.5%	14.6%	2.5%	9.6%	8.0%	6.9%	11.0%
Dams/Marine	0.419	0.457	0.520	0.338	0.377	0.465	0.502	0.495	0.494	3.219	4.092
month-over-month % change	63.9%	9.1%	13.9%	-17.9%	11.6%	23.4%	2.9%	-1.5%	-0.1%		
year-over-year % change	70.1%	-16.9%	-1.3%	-4.7%	-4.0%	5.5%	29.2%	24.4%	23.3%	-14.7%	27.1%
Water/Sewage	3.025	3.637	2.320	2.877	3.222	2.994	2.270	2.374	2.389	18.947	21.934
month-over-month % change	0.7%	20.2%	-36.2%	10.6%	12.0%	-7.1%	2.5%	4.6%	0.6%		
year-over-year % change	27.2%	52.6%	-13.1%	14.7%	24.4%	30.3%	8.7%	12.9%	15.0%	8.0%	15.8%
Misc Civil	1.678	2.170	3.254	1.971	1.832	2.347	1.540	1.576	1.723	13.708	16.295
month-over-month % change	1.7%	29.3%	49.9%	9.8%	-7.0%	29.2%	0.3%	2.3%	9.3%		
year-over-year % change	3.0%	24.8%	118.3%	28.2%	12.0%	46.1%	-1.6%	0.0%	10.0%	10.3%	18.9%
<b>TOTAL ENGINEERING</b>	<b>12.033</b>	<b>14.317</b>									