Construction Industry Snapshot

Issued: April 2018
(based on March Starts Stats)

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Marketing Analytics Team

ConstructConnect's March 2018 Starts were +46% M/M but -22% YTD.

ConstructConnect announced today that March's volume of construction starts, excluding residential activity, was $36.3 billion. The latest month-to-month change in starts was +46.1%, driven primarily by a mega pipeline project. Year-to-date non-residential starts in the latest March, however, were -22% compared with the same January-to-March period of 2017. Q1 2018's almost sole source of strength was civil starts.

	Commercial	Retail	Private Office	Hotel & Motel	Industrial	Institutional	Schools	Hospitals & Clinics	Heavy Engineering	Total Non-Residential
Mar 2018 vs Feb 2018	-28%	+68%	-75%	-40%	-54%	+32%	+71%	-61%	+164%	+46%
Jan-Mar 18 vs Jan-Mar 17	-41%	-26%	-44%	-50%	-66%	-16%	-10%	-30%	+2%	-22%
Jan-Mar 17 vs Jan-Mar 16	+16%	-40%	+41%	+124%	+113%	+11%	+8%	-13%	+56%	+29%

Contents

March's Notable Points

- The close to one-half (+46.1%) increase in total non-residential starts month to month (m/m) in the latest March was thanks to a big boost from heavy engineering work (+164.1%) and decent support from institutional (+31.7%). Commercial (-28.1%) and industrial (-53.8%) held back.
- The -18.9% performance of total non-residential starts in March 2018 versus March 2017 (y/y) resulted from a sizable gain in heavy engineering/civil (+48.2%) that was more than wiped out by drop-offs in industrial (-81.0%), commercial (-60.4%) and institutional (-21.9%).

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ConstructConnect's March 2018 Starts Were +46% M/M but -22% YTD

ConstructConnect announced today that March's volume of construction starts, excluding residential activity, was $36.3 billion. The latest month-to-month change in the volume of starts was +46.1%. The major reason for the big jump upwards was an initiation of work on a mega project, the Atlantic Coast natural gas pipeline, with an estimated value of $5.5 billion.

March of this year versus an extraordinarily strong March of last year was -18.9%. March of this year versus the five-year average for March, from 2013 through 2017, was +16.0%.

Year-to-date non-residential starts in the latest March were -22% compared with the same January-to-March period of 2017. Q1 2018's almost sole source of strength was civil starts.

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 larger share of total construction than residential activity. The former's combined proportion of total put-in-place construction in the Census Bureau's February report was 59%; the latter's share was 41%.

ConstructConnect'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., March 2018) is one month ahead of the reporting period for the investment series (i.e., February 2018.)

The latest *Employment Situation* report from the Bureau of Labor Statistics (BLS) records a decline of -15,000 in the total number of construction jobs in the U.S. in March. During the prior four months, however, there had been a surge of hiring in the sector amounting to +177,000 jobs.

The NSA unemployment rate in construction in March of this year was 7.4%. In the same third month of last year, it had been 8.4%. Year-over-year construction employment is currently +3.3%. The percentage change for the total jobs increase in the U.S. economy is +1.5%.

Relative to peak levels prior to the recession in 2008-09, employment in residential construction is currently off by -23.0% (i.e., almost one-quarter); non-residential building construction jobs are down by -5.0%; but the heavy engineering/civil worker count is -0.6% (i.e., nearly even).

The March 2018 year-over-year percentage increases in employment in three other pockets of the economy with close ties to construction were: 'building material and garden supply stores', +3.7%; 'real estate offices', +2.2%; and 'architectural and engineering services' firms, +2.7%.

The close to one-half (+46.1%) increase in total non-residential starts month to month (m/m) in the latest March was thanks to a big boost from heavy engineering work (+164.1%) and decent support from institutional (+31.7%). Commercial (-28.1%) and industrial (-53.8%) held back.

The -18.9% performance of total non-residential starts in March 2018 versus March 2017 (y/y) resulted from a sizable gain in heavy engineering/civil (+48.2%) that was more than wiped out by drop-offs in industrial (-81.0%), commercial (-60.4%) and institutional (-21.9%).

As for the year-to-date (ytd – i.e., Q1 2018 over Q1 2017) decline in starts of -22.1%, it was caused by weakness in the industrial (-66.3%), commercial (-41.3%) and institutional (-16.2%) type-of-structure categories. Heavy engineering/civil work stayed on a level plane (+2.1%).

'Road/highway' work accounted for one-third (a 34% share) of engineering activity in Q1 of this year. Such street starts in March were: +127.9% m/m; +33.9% y/y; but only +1.1% ytd. Second most important within engineering to date in 2018 has been the 'miscellaneous civil (power, etc.)' segment (a 27% slice), which in March was: +1547.7% m/m; +340.2% y/y; and +131.0% ytd. In the latest month, there was a groundbreaking on one mega project categorized to 'miscellaneous civil' – the Atlantic Coast natural gas pipeline for $5.5 billion – plus go-aheads for a couple of large electric power projects (See Top 10 list on page 4 of this report.)

Also significant within engineering so far this year have been the line items 'bridge' (16% share) and 'water/sewage' (15% share). In March, starts on the former were +42.8% m/m, -22.1% y/y and +2.3% ytd, while initiations of the latter were +6.7% m/m, -14.7% y/y and -44.5% ytd.

The biggest contributor to institutional starts through Q1 was the 'school/college' (56% share) designation. In March, educational facility starts were: +70.8% m/m; but -5.5% y/y; and -10.0% ytd. A serious problem has been posed by 'hospital/clinic' starts (13% share), which in March were: -61.2% m/m; -78.6% y/y; and -30.4% ytd. Managing to inject some optimism, however, have been 'nursing/assisted living' starts: -17.5% m/m; -7.6% y/y; but +18.6% ytd.

Within commercial, it's been the 'private office' designation that has claimed the biggest share (26%) of the sub-category's total to date this year, even though its March starts record was: -74.8% m/m; -63.8% y/y; and -44.1% ytd. 'Hotel/motel' was next in line for share (18%), but its March track record was also weak: -39.8% m/m; -79.8% y/y; and -49.5% ytd. 'Retail/shopping' (16% share) was -8.9% y/y and -25.8% ytd, but it did provide a pick-me-up with +68.4% m/m.

The six graphs on page 5 show 12-month moving-average trend lines of starts for many of the major type-of-construction sub-categories. Almost all the curves have been sloping downwards of late, with the two notable exceptions in Graph 6. The bridge trend line has been rising (until the latest month), but far more remarkable has been the steep skyward climb for 'miscellaneous civil'.

Tables B-3 and B-8 in the monthly *Employment Situation* report record average hourly and average weekly wages for industry sectors. B-3 is for all employees (i.e., including bosses) on non-farm payrolls; B-8 is for 'production and non-supervisory personnel' only (i.e., it excludes bosses). From B-3, average hourly wages were +2.7% y/y across all industries in March and average weekly wages were +3.3%. From B-8, the corresponding gains were +2.4% and +2.7%.

The compensation rates in construction were higher. From Table B-3 for March, they were +2.9% hourly and +4.0% weekly. From Table B-8, they were +3.4% hourly and +5.0% weekly.

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

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

Alex Carrick

TABLE 1: VALUE OF UNITED STATES CONSTRUCTION STARTS — MARCH 2018 (ConstructConnect™)

	Jan - Mar 18 ($ billions)	% Change Jan-Mar 18 vs Jan-Mar 17	% Change Mar 18 vs Mar 17	% Change Mar 18 vs Feb 18
Hotel/Motel	4.424	-49.5%	-79.8%	-39.8%
Retail/Shopping	3.932	-25.8%	-8.9%	68.4%
Parking Garage	0.432	-40.3%	-68.3%	149.3%
Amusement	1.812	7.1%	-11.7%	4.8%
Private Office	6.213	-44.1%	-63.8%	-74.8%
Government Office	2.022	-25.0%	-53.7%	-30.2%
Laboratory	0.302	-39.5%	14.0%	659.5%
Warehouse	3.017	-45.6%	-62.2%	-26.2%
Miscellaneous Commercial *	1.982	-58.4%	-72.8%	460.0%
COMMERCIAL (big subset)	**24.137**	**-41.3%**	**-60.4%**	**-28.1%**
INDUSTRIAL (Manufacturing)	**2.741**	**-66.3%**	**-81.0%**	**-53.8%**
Religious	0.394	-14.2%	20.7%	71.0%
Hospital/Clinic	3.258	-30.4%	-78.6%	-61.2%
Nursing/Assisted Living	2.678	18.6%	-7.6%	-17.5%
Library/Museum	0.584	-36.9%	-66.1%	63.9%
Fire/Police/Courthouse/Prison	1.387	-50.9%	-13.9%	35.9%
Military	0.907	61.1%	64.8%	-8.7%
School/College	13.884	-10.0%	-5.5%	70.8%
Miscellaneous Medical	1.831	-29.3%	-47.0%	20.8%
INSTITUTIONAL	**24.923**	**-16.2%**	**-21.9%**	**31.7%**
Miscellaneous Non-residential	1.513	-2.5%	-6.4%	35.4%
NON-RESIDENTIAL BUILDING	**53.315**	**-33.8%**	**-48.2%**	**-6.3%**
Airport	2.178	-30.1%	-18.7%	172.8%
Road/Highway	13.627	1.1%	33.9%	127.9%
Bridge	6.151	2.3%	-22.1%	42.8%
Dam/Marine	0.973	33.5%	14.2%	-6.7%
Water/Sewage	6.015	-44.5%	-14.7%	6.7%
Miscellaneous Civil (power, etc.)	10.651	131.0%	340.2%	1547.7%
HEAVY ENGINEERING (Civil)	**39.596**	**2.1%**	**48.2%**	**164.1%**
TOTAL NON-RESIDENTIAL	**92.910**	**-22.1%**	**-18.9%**	**46.1%**

* Includes transportation terminals and sports arenas.

Source: ConstructConnect Research Group/Table: ConstructConnect.

ConstructConnect has now moved to a better-targeted and research-assigned 'start' date. Prior to January 2017, the 'start' date was recorded as occurring within 30 to 60 days of the announced bid date. In concept, a 'start' is equivalent to ground being broken for a project to proceed. If work is abandoned or re-bid, the 'start' date is revised to reflect the new information.

Alex Carrick is Chief Economist for ConstructConnect. He has delivered presentations throughout North America on the U.S., Canadian and world construction outlooks. Mr. Carrick has been with the company since 1985. Links to his numerous articles are featured on Twitter @ConstructConnx, which has 49,000 followers.

TABLE 2: VALUE OF UNITED STATES CONSTRUCTION STARTS — ConstructConnect® INSIGHT VERSION — MARCH 2018
ARRANGED TO MATCH THE ALPHABETICAL CATEGORY DROP-DOWN MENUS IN INSIGHT

		Jan - Mar 18 ($ billions)	% Change Jan-Mar 18 vs Jan-Mar 17	% Change Mar 18 vs Mar 17	% Change Mar 18 vs Feb 18
Summary					
CIVIL		39.596	2.1%	48.2%	164.1%
NON-RESIDENTIAL BUILDING		53.315	-33.8%	-48.2%	-6.3%
RESIDENTIAL		61.879	-17.6%	-24.4%	14.2%
GRAND TOTAL		154.790	-20.4%	-21.0%	32.2%
Verticals					
	Airport	2.178	-30.1%	-18.7%	172.8%
	All Other Civil	7.413	317.5%	804.4%	1570.4%
	Bridges	6.151	2.3%	-22.1%	42.8%
	Dams / Canals / Marine Work	0.973	33.5%	14.2%	-6.7%
	Power Infrastructure	3.238	14.2%	56.7%	1472.3%
	Roads	13.627	1.1%	33.9%	127.9%
	Water and Sewage Treatment	6.015	-44.5%	-14.7%	6.7%
CIVIL		39.596	2.1%	48.2%	164.1%
	Offices (private)	6.213	-44.1%	-63.8%	-74.8%
	Parking Garages	0.432	-40.3%	-68.3%	149.3%
	Transportation Terminals	0.912	96.4%	38.4%	748.5%
Commercial (small subset)		7.557	-38.6%	-56.6%	-62.5%
	Amusement	1.812	7.1%	-11.7%	4.8%
	Libraries / Museums	0.584	-36.9%	-66.1%	63.9%
	Religious	0.394	-14.2%	20.7%	71.0%
	Sports Arenas / Convention Centers	1.070	-75.1%	-84.9%	318.0%
Community		3.860	-47.7%	-66.0%	54.4%
	College / University	4.471	-19.2%	-32.6%	20.9%
	Elementary / Pre School	3.594	-4.4%	-0.8%	88.9%
	Jr / Sr High School	5.383	-7.7%	15.7%	111.0%
	Special / Vocational	0.435	40.6%	68.6%	73.8%
Educational		13.884	-10.0%	-5.5%	70.8%
	Courthouses	0.195	-86.5%	-52.3%	-51.7%
	Fire and Police Stations	0.573	18.8%	-11.1%	43.1%
	Government Offices	2.022	-25.0%	-53.7%	-30.2%
	Prisons	0.619	-30.8%	-2.1%	92.8%
Government		3.410	-38.3%	-43.8%	-14.3%
	Industrial Labs / Labs / School Labs	0.302	-39.5%	14.0%	659.5%
	Manufacturing	2.741	-66.3%	-81.0%	-53.8%
	Warehouses	3.017	-45.6%	-62.2%	-26.2%
Industrial		6.060	-57.3%	-70.2%	-32.7%
	Hospitals / Clinics	3.258	-30.4%	-78.6%	-61.2%
	Medical Misc.	1.831	-29.3%	-47.0%	20.8%
	Nursing Homes	2.678	18.6%	-7.6%	-17.5%
Medical		7.768	-18.5%	-55.3%	-30.5%
Military		0.907	61.1%	64.8%	-8.7%
	Hotels	4.424	-49.5%	-79.8%	-39.8%
	Retail Misc.	1.513	-2.5%	-6.4%	35.4%
	Shopping	3.932	-25.8%	-8.9%	68.4%
Retail		9.870	-36.8%	-56.1%	5.4%
NON-RESIDENTIAL BUILDING		53.315	-33.8%	-48.2%	-6.3%
	Multi-Family	16.427	-48.2%	-62.5%	1.6%
	Single-Family	45.452	4.7%	4.3%	18.2%
RESIDENTIAL		61.879	-17.6%	-24.4%	14.2%
NON-RESIDENTIAL		92.910	-22.1%	-18.9%	46.1%
GRAND TOTAL		154.790	-20.4%	-21.0%	32.2%

Table 1 conforms to the type-of-structure ordering adopted by many firms and organizations in the industry. Specifically, it breaks non-residential building into ICI work (i.e., industrial, commercial and institutional), since each has its own set of economic and demographic drivers. Table 2 presents an alternative, perhaps more user-friendly and intuitive type-of-structure ordering that matches how the data appears in ConstructConnect's on-line product 'Insight'.

Source: ConstructConnect/Table: ConstructConnect.

TABLE 3: ConstructConnect's TOP 10 PROJECT STARTS IN MARCH 2018

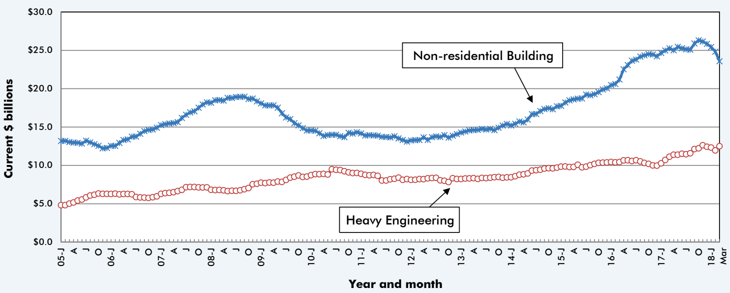
LOCATION (EAST TO WEST)	TYPE OF CONSTRUCTION	DESCRIPTION	SQUARE FEET 000S*	DOLLARS 000,000S
West Virginia				
Clarksburg	Engineering/Civil	Atlantic Coast Pipeline (1 structure) Multiple Locations Dominion Power - Corporate Office	*	$5,500
Florida				
Bal Harbour	Commercial	Bal Harbour Shops Expansion (1 structure) 9700 Collins Ave Whitman Family Development	341	$400
Texas				
Houston	Engineering/Civil	Replacement of the Existing Ship Channel Bridge and Approaches Consisting of Grading, Base, Concrete Pavement, Drainage Structures, Signing, Striping, and Bridge Structures (4 structures) Multiple Locations Harris County Toll Road Authority	*	$962
Dallas	Engineering/Civil	Southern Gateway Project - Texas Department of Transportation (2 structures) IH 35E and US 67 Texas Department of Transportation / Austin	*	$666
La Porte	Industrial	Port Crossing Commerce Center (2 structures) S 16th St, Wharton Weems Blvd and State Hwy 146 Liberty Property Trust	704	$378
Pecos	Engineering/Civil	Midway Solar Plant (2 structures) Hanwha Q Cells EPC USA LLC / 174 Power Global Corp.	*	$260
Washington				
Bellevue	Commercial	E335 Downtown Bellevue to Spring District, Transport Terminal Alterations Multiple Locations Sound Transit	*	$295
Oregon				
Eugene	Institutional	Knight Campus for Accelerating Scientific Impact - University of Oregon - Phase 1 (2 structures) 1239 University St University of Oregon	225	$225
California				
San Bernardino	Engineering/Civil	West of Devers Transmission Upgrade Project (1 structure) Multiple Locations Southern California Edison	*	$1,100
Irvine	Commercial	Spectrum Terrace, Offices (3 structures; 4 stories) Laguna Canyon Rd Irvine Company	1,060	$226
TOTALS:			**2,330**	**$10,012**

*A square footage measure does not apply for alteration, some forms of industrial (e.g., petrochemical) and most engineering/civil work.

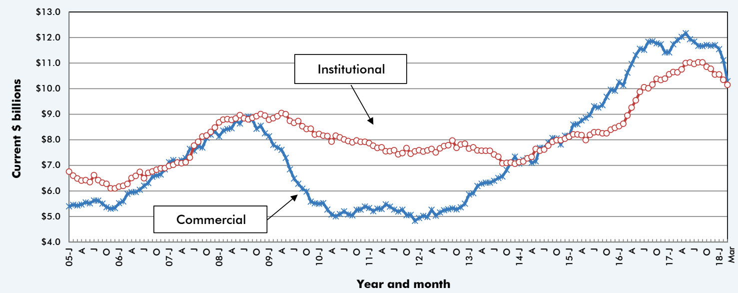
Source: ConstructConnect/Table: ConstructConnect.

Construction Industry Snapshot

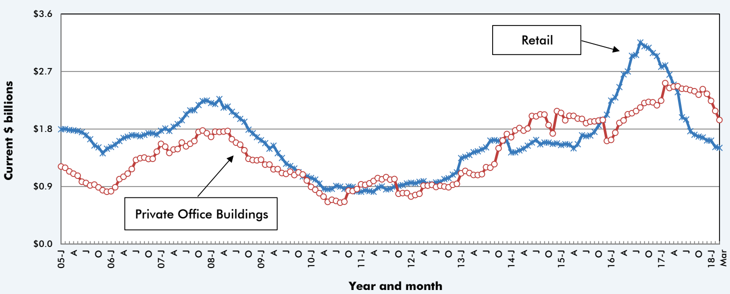
GRAPH 1: U.S. NON-RESIDENTIAL CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



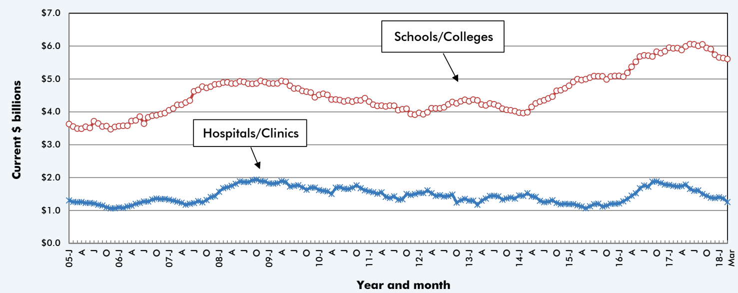
GRAPH 2: U.S. COMMERCIAL AND INSTITUTIONAL CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



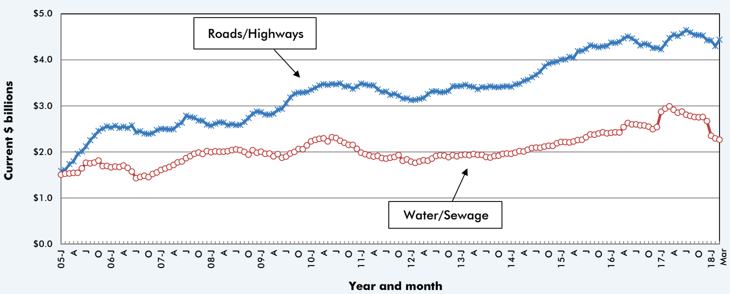
GRAPH 3: U.S. RETAIL AND PRIVATE OFFICE BUILDING CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



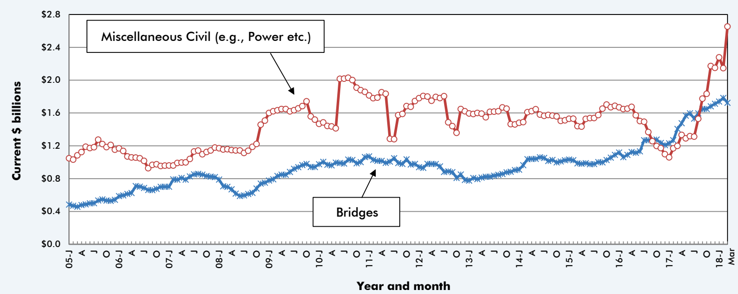
GRAPH 4: U.S. HOSPITAL/CLINIC AND SCHOOL/COLLEGE CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



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



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



The last data points in all the graphs are for February, 2018.

Source: ConstructConnect/Charts: ConstructConnect.

TABLE 4: U.S. YEAR-TO-DATE REGIONAL STARTS
NON-RESIDENTIAL CONSTRUCTION* — ConstructConnect®

	Jan-Mar 2017	Jan-Mar 2018	% Change
Connecticut	$887,870,001	$605,620,004	-31.8%
Maine	$123,293,927	$245,769,908	99.3%
Massachusetts	$2,552,501,842	$1,240,183,586	-51.4%
New Hampshire	$296,853,253	$115,053,074	-61.2%
Rhode Island	$304,779,571	$340,268,579	11.6%
Vermont	$91,631,340	$112,172,639	22.4%
Total New England	$4,256,929,934	$2,659,067,790	-37.5%
New Jersey	$2,989,381,361	$1,249,687,024	-58.2%
New York	$11,393,618,627	$4,157,670,760	-63.5%
Pennsylvania	$3,081,250,049	$2,382,232,042	-22.7%
Total Middle Atlantic	$17,464,250,037	$7,789,589,826	-55.4%
TOTAL NORTHEAST	$21,721,179,971	$10,448,657,616	-51.9%
Illinois	$2,944,769,989	$2,101,119,803	-28.6%
Indiana	$1,268,589,004	$1,579,985,259	24.5%
Michigan	$6,882,376,687	$1,536,316,564	-77.7%
Ohio	$2,913,387,351	$3,064,702,399	5.2%
Wisconsin	$2,407,686,309	$1,395,363,807	-42.0%
Total East North Central	$16,416,809,340	$9,677,487,832	-41.1%
Iowa	$1,036,892,409	$890,156,513	-14.2%
Kansas	$1,000,331,605	$1,117,520,144	11.7%
Minnesota	$1,407,963,659	$949,580,393	-32.6%
Missouri	$1,952,012,143	$2,249,290,067	15.2%
Nebraska	$1,101,222,600	$511,251,324	-53.6%
North Dakota	$320,921,358	$429,948,532	34.0%
South Dakota	$358,972,980	$376,891,758	5.0%
Total West North Central	$7,178,316,754	$6,524,638,731	-9.1%
TOTAL MIDWEST	$23,595,126,094	$16,202,126,563	-31.3%
Delaware	$690,510,817	$179,836,484	-74.0%
District of Columbia	$568,645,394	$751,807,202	32.2%
Florida	$10,905,467,532	$6,326,728,483	-42.0%
Georgia	$4,239,243,382	$2,197,017,938	-48.2%
Maryland	$1,268,992,744	$2,073,625,021	63.4%
North Carolina	$3,558,083,592	$2,625,246,003	-26.2%
South Carolina	$2,556,287,142	$1,379,233,949	-46.0%
Virginia	$2,645,075,348	$3,117,148,040	17.8%
West Virginia	$278,295,077	$5,667,141,583	1936.4%
Total South Atlantic	$26,710,601,028	$24,317,784,703	-9.0%
Alabama	$1,529,357,627	$1,167,356,995	-23.7%
Kentucky	$790,619,644	$856,553,508	8.3%
Mississippi	$743,434,840	$617,182,342	-17.0%
Tennessee	$1,302,834,475	$1,404,531,599	7.8%
Total East South Central	$4,366,246,586	$4,045,624,444	-7.3%
Arkansas	$891,874,264	$718,987,082	-19.4%
Louisiana	$2,372,956,006	$1,612,978,638	-32.0%
Oklahoma	$2,183,033,291	$1,167,509,392	-46.5%
Texas	$12,001,616,900	$11,035,825,200	-8.0%
Total West South Central	$17,449,480,461	$14,535,300,312	-16.7%
TOTAL SOUTH	$48,526,328,075	$42,898,709,459	-11.6%
Arizona	$2,409,251,117	$1,971,751,404	-18.2%
Colorado	$1,078,800,816	$1,449,442,906	34.4%
Idaho	$270,629,783	$371,532,599	37.3%
Montana	$234,992,716	$305,337,757	29.9%
Nevada	$465,605,010	$1,821,260,590	291.2%
New Mexico	$648,438,543	$397,224,596	-38.7%
Utah	$2,300,516,219	$1,576,326,387	-31.5%
Wyoming	$288,704,301	$246,069,930	-14.8%
Total Mountain	$7,696,938,505	$8,138,946,169	5.7%
Alaska	$325,363,335	$342,229,975	5.2%
California	$13,045,741,413	$10,645,536,356	-18.4%
Hawaii	$286,987,505	$612,847,169	113.5%
Oregon	$1,905,058,921	$1,634,141,693	-14.2%
Washington	$2,214,731,085	$1,987,183,815	-10.3%
Total Pacific	$17,777,882,259	$15,221,939,008	-14.4%
TOTAL WEST	$25,474,820,764	$23,360,885,177	-8.3%
TOTAL U.S.	$119,317,454,904	$92,910,378,815	-22.1%

*Figures above are comprised of non-res building and engineering (i.e., residential is omitted).

Source: ConstructConnect/Table: ConstructConnect.

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TABLE 5: VALUE OF U.S. NATIONAL CONSTRUCTION STARTS — MARCH 2018 — ConstructConnect®
BILLIONS OF CURRENT $S, NOT SEASONALLY ADJUSTED (NSA)

	Latest month actuals			Moving averages (placed in end month) 3-months			12-months			Year to Date.	
	Jan 18	Feb 18	Mar 18	Jan 18	Feb 18	Mar 18	Jan 18	Feb 18	Mar 18	Jan-Mar 2017	Jan-Mar 2018
Single Family	13.520	14.633	17.298	14.154	13.699	15.151	16.726	16.772	16.833	43.403	45.452
month-over-month % change	4.5%	8.2%	18.2%	-8.5%	-3.2%	10.6%	0.4%	0.3%	0.4%		
year-over-year % change	6.0%	4.0%	4.3%	5.7%	3.8%	4.7%	7.2%	7.5%	7.0%	4.9%	4.7%
Apartment	7.114	4.619	4.694	7.072	5.780	5.476	9.360	8.958	8.306	31.720	16.427
month-over-month % change	26.9%	-35.1%	1.6%	-12.4%	-18.3%	-5.3%	-2.3%	-4.3%	-7.3%		
year-over-year % change	-27.0%	-51.1%	-62.5%	-10.6%	-33.4%	-48.2%	22.9%	16.1%	1.1%	58.5%	-48.2%
TOTAL RESIDENTIAL	20.635	19.253	21.992	21.227	19.478	20.626	26.086	25.730	25.138	75.123	61.879
month-over-month % change	11.3%	-6.7%	14.2%	-9.9%	-8.2%	5.9%	-0.6%	-1.4%	-2.3%		
year-over-year % change	-8.3%	-18.2%	-24.4%	-0.3%	-11.0%	-17.6%	12.3%	10.4%	5.0%	22.3%	-17.6%
Hotel/Motel	2.028	1.496	0.900	1.712	1.562	1.475	2.406	2.307	2.009	8.754	4.424
month-over-month % change	74.5%	-26.2%	-39.8%	-5.4%	-8.7%	-5.6%	1.5%	-4.1%	-12.9%		
year-over-year % change	26.9%	-44.4%	-79.8%	10.2%	-17.5%	-49.5%	41.6%	25.1%	-3.9%	123.8%	-49.5%
Retail/Shopping	1.579	0.877	1.477	1.265	1.174	1.311	1.620	1.519	1.506	5.301	3.932
month-over-month % change	47.9%	-44.5%	68.4%	-5.9%	-7.2%	11.6%	0.0%	-6.3%	-0.8%		
year-over-year % change	-0.2%	-58.2%	-8.9%	-16.5%	-34.0%	-25.8%	-41.6%	-45.7%	-43.2%	-39.7%	-25.8%
Parking Garages	0.222	0.060	0.150	0.279	0.271	0.144	0.289	0.286	0.259	0.723	0.432
month-over-month % change	-58.3%	-72.9%	149.3%	-24.7%	-2.7%	-46.9%	1.8%	-0.9%	-9.4%		
year-over-year % change	38.9%	-33.9%	-68.3%	8.9%	75.0%	-40.3%	-24.4%	-25.4%	-37.3%	131.4%	-40.3%
Amusement	0.764	0.512	0.537	0.658	0.714	0.604	0.667	0.661	0.655	1.692	1.812
month-over-month % change	-11.7%	-33.0%	4.8%	4.2%	8.4%	-15.3%	3.4%	-0.9%	-0.9%		
year-over-year % change	52.2%	-12.2%	-11.7%	17.6%	38.1%	7.1%	21.9%	19.2%	17.0%	17.0%	7.1%
Office	1.418	3.831	0.964	1.556	2.090	2.071	2.240	2.083	1.942	11.123	6.213
month-over-month % change	39.0%	170.2%	-74.8%	-1.0%	34.3%	-0.9%	-4.7%	-7.0%	-6.8%		
year-over-year % change	-48.5%	-32.9%	-63.8%	-20.2%	-39.5%	-44.1%	-0.2%	-17.3%	-20.5%	41.3%	-44.1%
Governmental Offices	0.555	0.864	0.603	0.560	0.631	0.674	0.844	0.878	0.819	2.698	2.022
month-over-month % change	17.4%	55.7%	-30.2%	-13.2%	12.6%	6.9%	-3.7%	4.0%	-6.6%		
year-over-year % change	-40.9%	89.7%	-53.7%	-44.7%	-32.3%	-25.0%	-22.5%	-16.4%	-21.9%	-16.2%	-25.0%
Laboratories	0.039	0.031	0.232	0.174	0.122	0.101	0.226	0.214	0.216	0.499	0.302
month-over-month % change	-86.8%	-21.8%	659.5%	-16.4%	-30.1%	-17.4%	-2.9%	-5.4%	1.1%		
year-over-year % change	-67.3%	-82.6%	14.0%	18.2%	-18.2%	-39.5%	-28.8%	-31.7%	35.8%	-80.1%	-39.5%
Warehouse	0.907	1.215	0.896	1.113	1.069	1.006	1.682	1.640	1.517	5.550	3.017
month-over-month % change	-16.4%	33.9%	-26.2%	-16.3%	-4.0%	-5.9%	-2.7%	-2.5%	-7.5%		
year-over-year % change	-37.9%	-29.4%	-62.2%	-13.1%	-24.1%	-45.6%	31.3%	21.8%	4.3%	92.3%	-45.6%
Misc Commercial	1.130	0.129	0.723	1.500	1.297	0.661	1.574	1.528	1.366	4.767	1.982
month-over-month % change	-57.1%	-88.6%	460.0%	-16.1%	-13.6%	-49.0%	-1.5%	-2.9%	-10.6%		
year-over-year % change	-20.3%	-81.2%	-72.8%	24.6%	45.2%	-58.4%	44.7%	63.4%	25.9%	9.1%	-58.4%
TOTAL COMMERCIAL	8.640	9.015	6.482	8.817	8.929	8.046	11.547	11.115	10.291	41.107	24.137
month-over-month % change	-5.4%	4.3%	-28.1%	-9.1%	1.3%	-9.9%	-1.3%	-3.7%	-7.4%		
year-over-year % change	-18.0%	-36.5%	-60.4%	-7.0%	-20.1%	-41.3%	1.1%	-5.3%	-13.5%	16.4%	-41.3%
TOTAL INDUSTRIAL (Manufacturing)	0.728	1.377	0.636	0.576	0.852	0.914	2.689	2.732	2.506	8.133	2.741
month-over-month % change	62.0%	89.0%	-53.8%	-78.8%	47.9%	7.3%	-9.0%	1.6%	-8.3%		
year-over-year % change	-81.4%	60.9%	-81.0%	-72.6%	-59.6%	-66.3%	37.0%	44.8%	22.6%	113.3%	-66.3%
Religious	0.121	0.101	0.172	0.118	0.119	0.131	0.179	0.175	0.178	0.459	0.394
month-over-month % change	-11.1%	-16.5%	71.0%	-19.0%	0.7%	10.2%	-2.4%	-1.9%	1.4%		
year-over-year % change	-30.8%	-28.9%	20.7%	-23.9%	-23.7%	-14.2%	23.1%	19.1%	17.8%	18.6%	-14.2%
Hosptials/Clinics	1.930	0.957	0.372	1.163	1.182	1.086	1.402	1.367	1.254	4.685	3.258
month-over-month % change	192.7%	-50.4%	-61.2%	44.3%	1.7%	-8.1%	2.1%	-2.5%	-8.3%		
year-over-year % change	22.1%	-30.2%	-78.6%	-12.6%	-6.2%	-30.4%	-21.0%	-21.7%	-27.4%	-12.9%	-30.4%
Nursing/Assisted Living	1.254	0.781	0.644	1.048	0.935	0.893	1.036	1.012	1.008	2.258	2.678
month-over-month % change	62.6%	-37.7%	-17.5%	9.1%	-10.7%	-4.5%	6.5%	-2.3%	-0.4%		
year-over-year % change	155.4%	-27.0%	-7.6%	43.0%	17.8%	18.6%	32.6%	26.7%	24.8%	-1.8%	18.6%
Libraries/Museums	0.336	0.094	0.154	0.212	0.196	0.195	0.290	0.292	0.267	0.926	0.584
month-over-month % change	112.0%	-72.0%	63.9%	24.9%	-7.7%	-0.7%	-1.9%	0.7%	-8.6%		
year-over-year % change	-16.7%	36.7%	-66.1%	-35.6%	-39.2%	-36.9%	0.6%	3.1%	-6.5%	30.4%	-36.9%
Fire/Police/Courthouse/Prison	0.741	0.274	0.373	0.552	0.513	0.462	0.688	0.586	0.581	2.827	1.387
month-over-month % change	41.1%	-63.0%	35.9%	0.9%	-7.0%	-9.9%	-1.9%	-14.8%	-0.9%		
year-over-year % change	-17.9%	-81.6%	-13.9%	-8.8%	-46.1%	-50.9%	24.1%	-10.3%	-8.6%	137.0%	-50.9%
Military	0.270	0.333	0.304	0.343	0.279	0.302	0.398	0.419	0.429	0.563	0.907
month-over-month % change	15.5%	23.5%	-8.7%	-31.7%	-18.8%	8.4%	-0.4%	5.1%	2.4%		
year-over-year % change	-7.0%	277.0%	64.8%	-3.5%	70.4%	61.1%	4.7%	13.0%	16.8%	-32.9%	61.1%
Schools/Colleges	4.401	3.502	5.980	3.676	3.692	4.628	5.653	5.635	5.605	15.434	13.884
month-over-month % change	38.6%	-20.4%	70.8%	-3.2%	0.4%	25.3%	-1.4%	-0.3%	-0.5%		
year-over-year % change	-18.2%	-5.9%	-5.5%	-23.9%	-22.9%	-10.0%	-5.0%	-5.0%	-5.6%	8.1%	-10.0%
Misc Medical	1.005	0.374	0.452	0.746	0.623	0.610	0.911	0.863	0.830	2.589	1.831
month-over-month % change	105.4%	-62.8%	20.8%	12.8%	-16.5%	-2.0%	2.0%	-5.3%	-3.9%		
year-over-year % change	27.6%	-60.6%	-47.0%	3.7%	-24.2%	-29.3%	32.7%	20.1%	14.6%	50.4%	-29.3%
TOTAL INSTITUTIONAL	10.056	6.416	8.451	7.858	7.540	8.308	10.557	10.349	10.151	29.740	24.923
month-over-month % change	63.6%	-36.2%	31.7%	3.5%	-4.0%	10.2%	0.0%	-2.0%	-1.9%		
year-over-year % change	0.5%	-27.9%	-21.9%	-13.2%	-18.6%	-16.2%	0.0%	-2.8%	-4.6%	10.9%	-16.2%
Misc Non Residential	0.538	0.414	0.561	0.494	0.454	0.504	0.635	0.631	0.628	1.552	1.513
month-over-month % change	31.0%	-23.0%	35.4%	-1.5%	-8.0%	11.0%	0.6%	-0.6%	-0.5%		
year-over-year % change	9.2%	-10.1%	-6.4%	-17.1%	-14.0%	-2.5%	-11.1%	-10.4%	-8.7%	-20.7%	-2.5%
TOTAL NON-RES BUILDING	19.963	17.221	16.130	17.745	17.774	17.772	25.427	24.827	23.575	80.533	53.315
month-over-month % change	23.7%	-13.7%	-6.3%	-13.5%	0.2%	0.0%	-1.6%	-2.4%	-5.0%		
year-over-year % change	-20.0%	-29.5%	-48.2%	-16.4%	-23.0%	-33.8%	3.1%	-0.6%	-6.7%	18.6%	-33.8%
Airports	1.004	0.315	0.859	0.542	0.510	0.726	1.115	0.989	0.972	3.114	2.178
month-over-month % change	378.3%	-68.6%	172.8%	-14.5%	-6.0%	42.5%	6.1%	-11.3%	-1.7%		
year-over-year % change	337.7%	-82.8%	-18.7%	54.8%	-38.8%	-30.1%	97.4%	50.6%	32.8%	216.0%	-30.1%
Roads/Highways	3.931	2.957	6.739	2.999	3.104	4.542	4.421	4.297	4.439	13.472	13.627
month-over-month % change	62.2%	-24.8%	127.9%	7.9%	3.5%	46.3%	-0.1%	-2.8%	3.3%		
year-over-year % change	-1.5%	-33.6%	33.9%	-13.4%	-23.0%	1.1%	4.5%	-1.4%	-0.8%	23.6%	1.1%
Bridges	1.880	1.760	2.512	1.580	1.754	2.050	1.740	1.784	1.725	6.014	6.151
month-over-month % change	15.9%	-6.4%	42.8%	24.7%	11.0%	16.9%	1.6%	2.5%	-3.3%		
year-over-year % change	20.8%	42.7%	-22.1%	29.8%	30.4%	2.3%	41.4%	40.6%	22.6%	65.4%	2.3%
Dams/Marine	0.328	0.333	0.311	0.480	0.377	0.324	0.427	0.442	0.445	0.729	0.973
month-over-month % change	-29.9%	1.5%	-6.7%	-14.8%	-21.4%	-14.0%	0.4%	3.6%	0.7%		
year-over-year % change	7.1%	122.3%	14.2%	53.7%	44.0%	33.5%	33.6%	41.9%	37.9%	22.7%	33.5%
Water/Sewage	2.273	1.811	1.932	1.924	1.932	2.005	2.351	2.292	2.264	10.846	6.015
month-over-month % change	32.8%	-20.3%	6.7%	0.5%	0.4%	3.8%	-11.9%	-2.5%	-1.2%		
year-over-year % change	-62.5%	-28.0%	-14.7%	-45.5%	-49.1%	-44.5%	-18.1%	-22.0%	-24.3%	99.8%	-44.5%
Misc Civil (Power, etc.)	2.316	0.477	7.858	2.673	1.128	3.550	2.278	2.147	2.653	4.610	10.651
month-over-month % change	292.7%	-79.4%	1547.7%	7.9%	-57.8%	214.9%	6.0%	-5.7%	23.6%		
year-over-year % change	197.4%	-76.7%	340.2%	197.5%	-8.3%	131.0%	114.9%	83.6%	121.2%	36.1%	131.0%
TOTAL ENGINEERING (Civil)	11.731	7.653	20.211	10.197	8.803	13.199	12.332	11.951	12.499	38.785	39.596
month-over-month % change	67.0%	-34.8%	164.1%	5.8%	-13.7%	49.9%	-0.8%	-3.1%	4.6%		
year-over-year % change	-9.2%	-37.4%	48.2%	4.4%	-23.4%	2.1%	20.0%	11.7%	12.3%	55.6%	2.1%
GRAND TOTAL	52.329	44.128	58.333	49.168	46.056	51.597	63.845	62.508	61.212	194.441	154.790
month-over-month % change	25.5%	-15.7%	32.2%	-8.4%	-6.3%	12.0%	-1.0%	-2.1%	-2.1%		
year-over-year % change	-13.3%	-26.7%	-21.0%	-6.0%	-18.4%	-20.4%	9.8%	5.9%	1.4%	26.1%	-20.4%
NON-RES BLDG + ENGINEERING	***31.695***	***24.875***	***36.341***	***27.942***	***26.578***	***30.970***	***37.759***	***36.778***	***36.074***	***119.317***	***92.910***
month-over-month % change	***36.8%***	***-21.5%***	***46.1%***	***-7.3%***	***-4.9%***	***16.5%***	***-1.3%***	***-2.6%***	***-1.9%***		
year-over-year % change	***-16.3%***	***-32.1%***	***-18.9%***	***-9.9%***	***-23.1%***	***-22.1%***	***8.1%***	***3.1%***	***-0.9%***	***28.5%***	***-22.1%***

Source: ConstructConnect/Table: ConstructConnect.