constructconnect

APRIL 2021 (based on March 2021 Starts Stats)

Construction Industry Snapshot

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March Nonresidential Construction Starts +60% M/M but -8% Y/Y and -20% Ytd

ConstructConnect announced today that March 2021's volume of construction starts, excluding residential work, was $32.2 billion, an increase of +60.1% vs a distressed marketplace in February.

The latest month received boosts from three mega-sized projects. While the m/m change was impressively positive, March 2021 over March 2020 fell short by -7.9% and Q1 was -20.0%.

	Commercial	Retail	Private Office	Hotel & Motel	Industrial	Institutional	Schools	Hospitals & Clinics	Heavy Engineering	Total Non-Residential
Mar 2021 vs Feb 2021	+48%	+56%	-1%	+86%	+502%	+53%	-2%	+216%	+51%	+60%
Jan-Mar 2021 vs Jan-Mar 2020	-44%	-23%	-62%	-71%	-1%	-16%	-28%	+68%	-6%	-20%
Jan-Mar 2020 vs Jan-Mar 2019	-3%	-26%	+14%	-26%	-57%	+5%	+2%	-13%	+13%	-2%

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March Nonresidential Construction Starts +60% M/M but -8% Y/Y and -20% Ytd

Tough Competing with 'Normal' but 3 Mega Projects Helped

ConstructConnect announced today that March 2021's volume of construction starts, excluding residential work, was $32.2 billion, an increase of +60.1% versus February's distressed level of only $20.1 billion *(see green shaded box, bottom of Table 10 on page 10)*.

Total nonresidential (NR) groundbreakings in the latest month received boosts from three mega-sized projects, an auto plant expansion in Tennessee and two big hospital jobs located in Ohio and California (see Top 10 list on page 7).

Leaving aside the exceptional weakness of total NR starts in the previous month (February), latest March's starts volume failed to match year-ago March's level, falling short by -7.9%.

Also, year to date starts through the first quarter of 2021 were off by one-fifth (-20.0%) relative to January-March 2020.

Keep in mind that Q1 of last year was mostly 'normal' with respect to a broad range of economic indicators, including 'starts'. The truly harmful effects caused by the outbreak of coronavirus infections occurred from Spring 2020 on. Proceeding further into 2021, a 'diminishing base (or denominator) effect' will put a better polish on year-over-year comparisons.

The Starts vs PIP Relationship

'Starts' compile the total estimated dollar value and square footage of all projects on which ground is broken in any given month. They lead, by nine months to as much as two years, put-in-place (PIP) statistics which are analogous to work-in-progress payments as the building of structures proceeds to completion.

PIP numbers cover the 'universe' of construction, new plus all manner of renovation activity, with residential traditionally making up two-fifths of the total and nonresidential, three-fifths (i.e., the bigger portion). Presently, though, according to the Census Bureau's February 2021 PIP report for total U.S., the mix has skewed more towards residential (47% of the total) and away from nonresidential (53%) than usual.

PIP numbers, being more spread out, have smaller peak-over-trough percent-change amplitudes than the 'starts' series. As an additional valuable service for clients and powered by its extensive 'starts' database, ConstructConnect, in partnership with Oxford Economics, a world leader in econometric model building, has developed put-in-place construction statistics by types of structure for U.S. states, cities, and counties, 'actuals' and forecasts.

Excellent Bounce Back for Construction Employment in March

The U.S. total jobs count was +916,000 in March and the construction sector played a major role in lifting that figure so high. The number of construction jobs in the latest month was +110,000. Graph 1 sets out the composition of the total gain, with nonresidential sub-trade contractors contributing the most, +38,000 jobs, followed by residential sub-trade contractors and engineering general contractors, tied at +27,000 each.

The construction sector's not seasonally adjusted (NSA) unemployment rate improved by one full percentage point in March, moving down to 8.6% from 9.6% in February. The sector's unemployment rate in March 2020 was 6.9%, but then it ballooned to 16.6% in April. Therefore, in a month from now, when a year-over-year comparison of unemployment rates is made, 2021's result is going to appear outstanding next to 2020's.

Construction's -1.2% year-over-year performance in total employment is already looking pretty good relative to total jobs (-4.5%), private services-providing jobs (-4.6%), and manufacturing (-3.4%). Among industrial sub-sectors, only financial activities (-0.7%) and transportation and warehousing (-1.1%) are doing better, and only marginally. Those latter two corners of the economy are benefitting from a booming stock market and supercharged digital retail sales that require souped-up distribution channels.

TABLE 1: VALUE OF UNITED STATES NONRESIDENTIAL CONSTRUCTION STARTS — MARCH 2021 (ConstructConnect®)

	Jan-Mar 2021 ($ billions)	% Change Jan-Mar 21 vs Jan-Mar 20	% Change Mar 21 vs Mar 20	% Change Mar 21 vs Feb 21
Hotel/Motel	1.310	-71.2%	-46.5%	86.0%
Retail/Shopping	2.569	-23.1%	-17.6%	55.5%
Parking Garage	0.566	-4.2%	-31.2%	-59.4%
Amusement	1.515	-19.5%	2.1%	31.9%
Private Office	2.902	-61.7%	-39.1%	-1.4%
Government Office	2.172	-12.7%	-11.8%	14.0%
Laboratory	0.373	-52.2%	0.1%	64.3%
Warehouse	3.943	-36.9%	30.3%	76.4%
Miscellaneous Commercial *	1.239	-39.6%	17.8%	297.0%
COMMERCIAL (big subset)	**16.590**	**-43.8%**	**-10.3%**	**47.9%**
INDUSTRIAL (Manufacturing)	**4.884**	**-1.1%**	**218.5%**	**502.3%**
Religious	0.185	-64.9%	-64.7%	89.2%
Hospital/Clinic	5.580	67.7%	480.3%	216.3%
Nursing/Assisted Living	0.946	-52.5%	-34.6%	263.1%
Library/Museum	0.510	-69.8%	-15.0%	91.2%
Fire/Police/Courthouse/Prison	1.917	-5.8%	-23.0%	4.0%
Military	2.575	73.8%	121.5%	191.0%
School/College	11.669	-28.0%	-48.6%	-2.2%
Miscellaneous Medical	1.287	-42.8%	-65.8%	-17.1%
INSTITUTIONAL	**24.669**	**-16.4%**	**-10.9%**	**53.4%**
Miscellaneous Non-residential	1.287	-14.5%	-17.7%	-9.1%
NONRESIDENTIAL BUILDING	**47.430**	**-27.5%**	**-1.0%**	**66.2%**
Airport	0.485	-47.9%	-68.9%	2.1%
Road/Highway	12.502	-5.0%	-2.8%	52.6%
Bridge	4.916	-30.0%	-39.3%	59.1%
Dam/Marine	1.382	-26.7%	-17.8%	25.5%
Water/Sewage	7.774	6.3%	-13.6%	37.6%
Miscellaneous Civil (power, pipelines, etc.)	6.652	17.1%	-19.6%	93.1%
HEAVY ENGINEERING (Civil)	**33.711**	**-6.3%**	**-17.6%**	**50.7%**
TOTAL NONRESIDENTIAL	**81.141**	**-20.0%**	**-7.9%**	**60.1%**

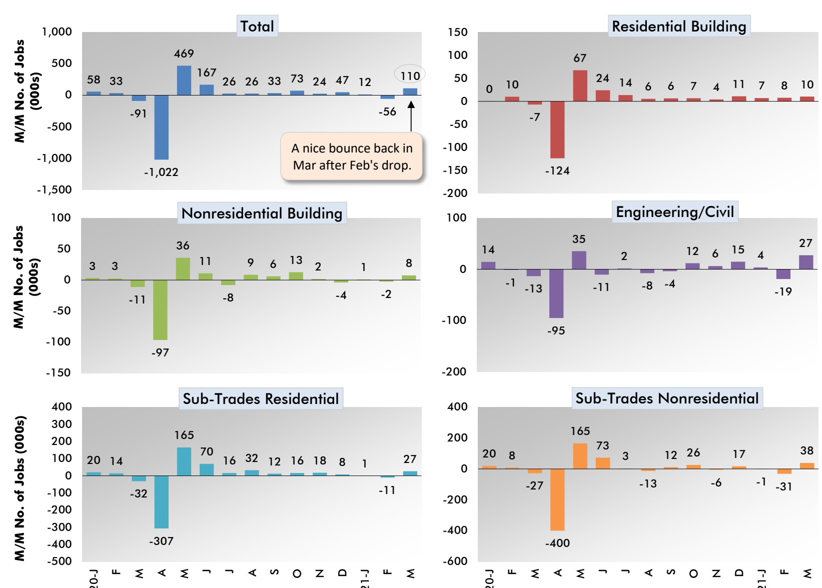
* Includes transportation terminals and sports arenas.

Source: ConstructConnect Research Group/Table: ConstructConnect.

The latest year-over-year payroll adjustments in some other pockets of the economy with close ties to construction have been: machinery and equipment rental and leasing, -13.6%; cement and concrete product manufacturing, -6.9%; oil and gas extraction, -1.4%; real estate, -1.0%; and architectural and engineering services, -0.3%. Again, though, many of those negative year-over-year percentage changes will lighten up next month. It should also be noted that building material and supplies retailers have maintained extraordinary staffing success, +8.1% y/y in the most recent period.

Continued on page 3

GRAPH 1: CHANGE IN LEVEL OF U.S. CONSTRUCTION EMPLOYMENT, MONTH TO MONTH (M/M) – TOTAL & BY CATEGORIES – MARCH 2021



For each month, 'net' = zero. 'Sub-trade' in BLS data referred to as 'specialty' trade.

Data Source: Bureau of Labor Statistics (BLS)/Chart: ConstructConnect.

Continued from page 2

Federal Reserve Chairman, Jerome Powell, recently stated that the U.S. economy is at an 'inflection point', preparing to soon display considerably stronger output growth, provided it is not derailed by further spiking waves of coronavirus infections.

A Good Month for Health Care & Commercial Sub-Category Starts

In March 2021, total nonresidential starts were +60.1% compared with February (i.e., month to month). In percentage-change terms, the surge was led by industrial starts (+502.3%), with a big assist from General Motors (see page 7). The other three major type-of-structure sub-categories, however, also chipped in with solid increases. Institutional (+53.4% m/m), engineering (+50.7%) and commercial (+47.9%) each recorded starts volume gains of approximately plus a half.

Year over year in the latest period (i.e., March 2021 vs March 2020), there was a relatively minor setback in total nonresidential starts (-7.9%) that was centered a little more in engineering work (-17.6%) than in institutional (-10.9%) and commercial (-10.3%). Industrial starts hoisted a sprightly banner on the plus side, +218.5% y/y.

TABLE 2: MONITORING THE U.S. EMPLOYMENT RECOVERY — MARCH 2021

The Big Drop (as originally reported) April 2020 vs Feb 2020 (Feb 2020 was last month unaffected by COVID-19) Millions			Change in Number of Jobs (Millions) Mar 2021 vs Feb 2020 (Feb 2020 was last month unaffected by COVID-19)	Change in Number of Jobs (Millions) Mar 2021 vs Feb 2021 (i.e., vs previous month)	% Change Mar 2021 vs Feb 2020 (Feb 2020 was last month unaffected by COVID-19)	% Change Mar 2021 vs Feb 2021 (i.e., vs previous month)	Jobs Recovery Since Apr 2020, Millions	Claw Back Ratio
-20.500	-13.5%	Grand Total	-8.403	0.916	-5.5%	0.6%	12.097	59.0%
-17.200	-15.9%	Private Services-Providing	-6.404	0.597	-5.9%	0.6%	10.796	62.8%
-1.330	-10.4%	Manufacturing	-0.515	0.053	-4.0%	0.4%	0.815	61.3%
-0.975	-12.8%	Construction	-0.182	0.110	-2.4%	1.5%	0.793	81.3%
-2.107	-13.5%	Retail Trade	-0.381	0.023	-2.4%	0.2%	1.726	81.9%
-0.584	-10.3%	Transportation & Warehouse	-0.066	0.047	-1.1%	0.8%	0.518	88.7%
-0.262	-3.0%	Financial Activities	-0.087	0.016	-1.0%	0.2%	0.175	66.8%
-2.128	-9.9%	Professional & Business	-0.685	0.066	-3.2%	0.3%	1.443	67.8%
-0.254	-8.8%	Information Services	-0.241	-0.002	-8.3%	-0.1%	0.013	5.1%
-2.544	-10.4%	Education and Health	-1.172	0.101	-4.8%	0.4%	1.372	53.9%
-7.653	-46.8%	Leisure & Hospitality	-3.134	0.280	-18.5%	2.1%	4.519	59.0%
-0.980	-4.3%	Government	-1.222	0.136	-5.4%	0.6%	-0.242	n/a

Data source: Bureau of Labor Statistics (BLS)/Table: ConstructConnect.

On a year-to-date basis, at the end of Q1, (i.e., Jan-Mar 2021/Jan-Mar 2020) total NR starts were down by one-fifth (-20.0%), with most of the drag coming from commercial (-43.8%), although there was also weakness in institutional (-16.4%). Heavy engineering/civil fell a little short (-6.3%) and industrial's starts volume stayed about even (-1.1%) with the first three months of last year.

Delving deeper into the type-of-structure sub-categories, the two that usually butt heads over which will account for the biggest share of total nonresidential starts are 'school/college' and 'road/highway'. Presently, their slices year to date are 14.4% and 15.4% respectively, summing to 29.8% (i.e. approaching one-third). The three metrics for educational facility starts in March were -2.2% m/m, -48.6% y/y and -28.0% ytd. By comparison, road/highway starts were more buoyant, +52.6% m/m, although -2.8% y/y and -5.0% ytd.

Total health care facility starts in March — i.e., combining the categories 'hospital/clinic', 'nursing/assisted living' and 'miscellaneous medical' — were encouraging: +154.4% m/m; +83.7% y/y; and +3.3% ytd. Mega-sized hospital project initiations in Ohio and California helped (see Top 10 list, page 7).

There were numerous surprisingly upbeat month-to-month percentage changes among commercial sub-categories. Hotel/motel starts were +86.0% m/m; retail/shopping, +55.5%; amusement, +31.9%; and warehouse, +76.4%. In most instances, the large leaps were achieved over low base numbers in February. On a year-to-date basis, the starts volume changes for all of commercial's sub-categories came with negative signs.

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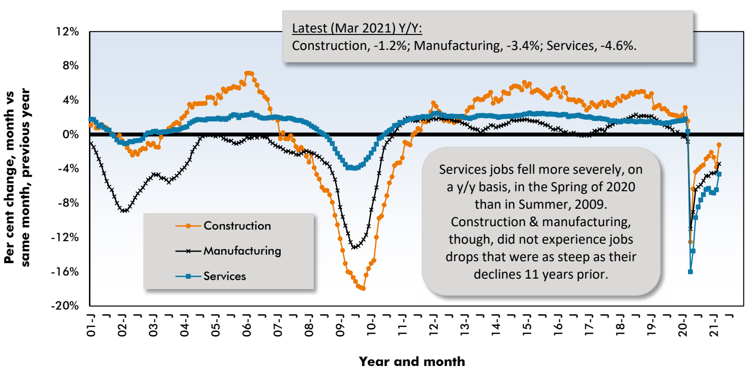
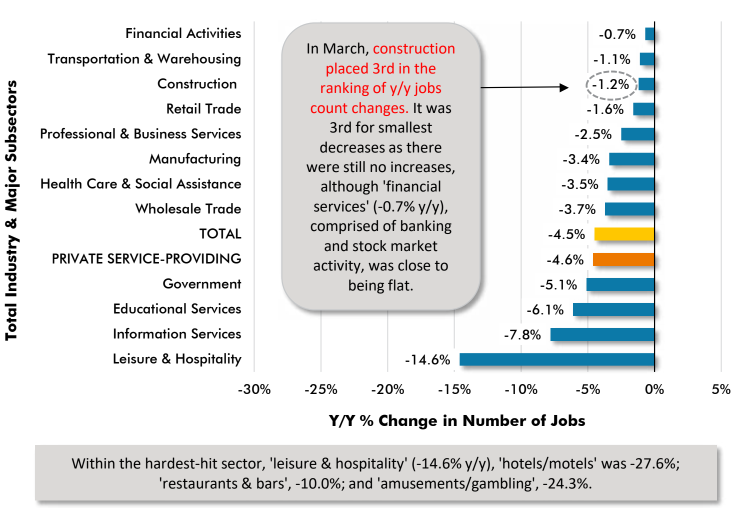
GRAPH 2: U.S. EMPLOYMENT MARCH 2021 – % CHANGE Y/Y BASED ON SEASONALLY ADJUSTED (SA) DATA



The latest data points are for March, 2021.

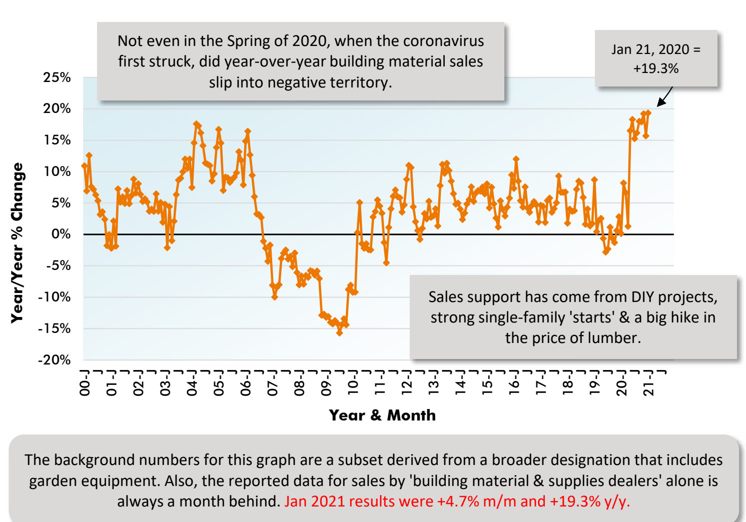
Data source: Payroll Survey, Bureau of Labor Statistics (U.S. Department of Labor)/Chart: ConstructConnect.

GRAPH 3: Y/Y JOBS CHANGE, U.S. TOTAL INDUSTRY & MAJOR SUBSECTORS – MARCH 2021 (BASED ON SEASONALLY ADJUSTED PAYROLL DATA)



Data source: Payroll Survey, U.S. Bureau of Labor Statistics (Dept of Labor)/Chart: ConstructConnect.

GRAPH 4: SALES BY U.S. BUILDING MATERIAL & SUPPLIES DEALERS



Data Source: Census Bureau/Chart: ConstructConnect.

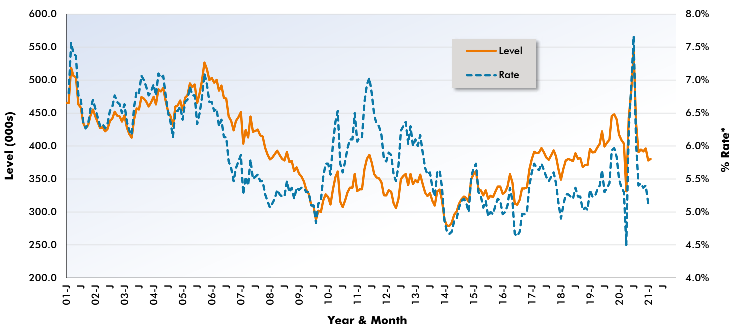
GRAPH 5: U.S. CONSTRUCTION JOB OPENINGS (FROM JOLTS REPORT) (3-MONTH MOVING AVERAGES PLACED IN LATEST MONTH)

A bigger drop in construction job 'openings' occurred in 2019 than in the Spring of 2020 which was when the coronavirus first shocked the economy. For the past year, 'openings' have stayed stable at a relatively high level.

*Rate is number of job openings end-of-month as % of 'construction employment plus number of job openings'.
Latest seasonally adjusted data points are for Feb. 2021. ... JOLTS = Job Openings and Labor Turnover Survey.

Data source: Bureau of Labor Statistics (Dept of Labor)/Chart: ConstructConnect.

GRAPH 6: U.S. CONSTRUCTION JOB HIRES (FROM JOLTS REPORT) (3-MONTH MOVING AVERAGES PLACED IN LATEST MONTH)



Construction job 'hires' plunged at the onset of the COVID-19 contagion, but rebounded dramatically once on-site work was judged in most instances to be 'essential'. Recently, though, 'hires', especially as a rate, have been lackluster.

*Rate is number of hires during month as % of construction employment.
Latest seasonally adjusted data points are for Feb. 2021. ... JOLTS = Job Openings and Labor Turnover Survey.

Data source: Bureau of Labor Statistics (Dept of Labor)/Chart: ConstructConnect.

Continued from page 3

Clearly, the new Biden Administration in Washington will be supporting electrification of the U.S. economy and it's interesting to note, from Table 3, that starts on electric power infrastructure were +98.7% in this year's Q1.

JOLTS Data Speaks of Construction Employment Ambiguity

Besides the *Employment Situation* report, the BLS also publishes a monthly JOLTS summary, where JOLTS is an acronym for *Job Openings and Labor Turnover Survey*. JOLTS data on construction employment introduces some ambiguity concerning March's jump of +110,000 on-site jobs featured in the more-heavily touted BLS release.

TABLE 3: CONSTRUCTION STARTS IN SOME ADDITIONAL TYPE OF STRUCTURE SUB-CATEGORIES — ConstructConnect®

	Jan-Mar 2021 ($ billions)	% Change vs Jan-Mar 2020
Sports Stadiums/Convention Centers	$1.067	-24.2%
Transportation Teminals	$0.172	-73.2%
Courthouses	$0.645	-9.0%
Police Stations & Fire Halls	$0.865	-7.6%
Prisons	$0.407	4.7%
Pre-School/Elementary	$3.349	-27.0%
Junior & Senior High Schools	$5.246	-21.7%
K-12 (sum of above two categories)	$8.594	-23.9%
Special & Vocational Schools	$0.277	-32.8%
Colleges & Universities	$2.797	-37.9%
Electric Power Infrastructure	$1.826	98.7%

Source: ConstructConnect/Table: ConstructConnect.

Graph 5 shows construction job 'openings' which, as both a level and rate, have moderated from their peaks in 2019, but are still quite high. They remain above earlier local peaks in 2007 and 2001. 'Hirings' in Graph 6, though, after displaying an extreme amplitude in the Spring of last year, first going into a deep dive then rebounding mightily, have now settled into territory that is a little above average as a level, but is depressed as a rate.

More context should be provided concerning the latest month's +110,000 increase in construction jobs found in the *Employment Situation* report. It came on the heels of a -56,000 jobs performance in February. Seemingly, more time will be needed to determine if construction employment is on a true upswing, as indicated by March's number, or is rather in a bouncing up and down phase.

Some Exceptions to Starts Trend Line Descents

Most of the curves among the half dozen 12-month moving average trend graphs appearing on page 8 of this report still display the downward slopes that have been their main characteristic over the past year or so.

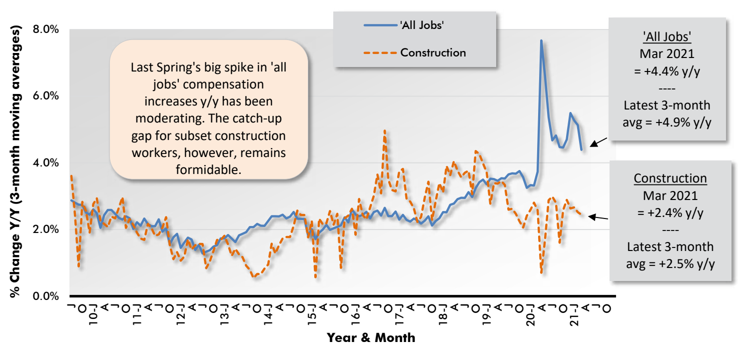
But there are a few exceptions. A minor uptick has just appeared in the trend line for hospitals/clinics. The graphs for roads/highways and water/sewage have stayed somewhat elevated and level through the pandemic hard times of the past year. Finally, miscellaneous civil has flattened out over the latest four months.

Construction Workers Not in Pay Hike Vanguard

Tables B-3 and B-8 of 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). For 'all jobs' and construction, there are eight relevant percentage changes to consider.

Continued on page 5

GRAPH 7: AVERAGE HOURLY EARNINGS Y/Y – 'ALL JOBS' & CONSTRUCTION

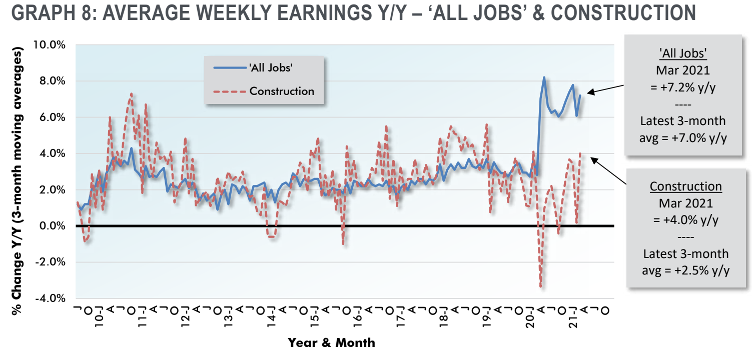


Analysts will be keeping a sharp eye on earnings. They're a reflection of overall economic activity. Perhaps more important, though, they can be an early warning indicator of a coming pickup in general price inflation.

From 'Production Workers and Non-supervisory Personnel' Table (B8).
The latest data points are for March, 2021.

Data Source: Bureau of Labor Statistics (BLS)'s Employment Situation *report/Chart: ConstructConnect.*

GRAPH 8: AVERAGE WEEKLY EARNINGS Y/Y – 'ALL JOBS' & CONSTRUCTION



U.S. construction's month-to-month jobs count change in March 2021 was +110,000. The sector's not seasonally adjusted (NSA) unemployment rate was 8.6% versus the month prior's figure of 9.6%. In Mar 2020, it had been 6.9%.

From 'Production Workers and Non-supervisory Personnel' Table (B8).
The latest data points are for March, 2021.

Data Source: Bureau of Labor Statistics (BLS)'s Employment Situation *report/Chart: ConstructConnect.*

Continued from page 4

From Table B-3 (including bosses), 'all-jobs' earnings y/y in March 2021 were +4.2% hourly and +6.7% weekly. For construction workers, as a subset of 'all jobs', the pay hikes were less spectacular, +2.5% hourly and +3.8% weekly. From Table B-8 (excluding supervisors), 'all jobs' compensation increases in the latest month were +4.4% hourly and +7.2% weekly. Again, construction workers, at +2.4% hourly and +4.0% weekly, weren't in the vanguard.

Building Material Costs have been Skyrocketing

March 2021's y/y results for three structures-related BLS Producer Price Index (PPI) series were as follows: 'construction materials special index', +16.6% (a significant step up from February's already eye-catching +12.4%); 'inputs to new construction index, excluding capital investment, labor and imports', +13.5% (a further acceleration from February's +10.0%); and 'final demand construction', +1.5% (higher than the previous month's +1.0%, but still restrained). Material input costs have been soaring, but contractors have not been raising their bid prices in like fashion. In the interest of winning work, they've largely been 'eating' their extra expenses.

What are some of the major material cost climbs that have been occurring? On a y/y basis, according to latest PPI results, softwood lumber is +83.4%; unleaded regular gasoline, +57.0%; copper wire and cable, +26.7%; and hot rolled steel bars, plates and structural shapes, +20.3%. Quieter on the cost front, or at least recording single-digit y/y percentage increases, have been asphalt, +9.0%; aluminum sheet and strip, +5.7%; gypsum products, +6.2%; and cement, +3.4%.

The value of construction starts each month is derived 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 super-large, has a history of being more volatile than many other leading indicators for the economy.

2021's Q1 'Grand Total' Starts -12.4% Ytd

From Table 10 on page 10 of this report, ConstructConnect's total residential starts in March 2021 were +7.4% m/m and +2.3% y/y, but -1.2% ytd. Multi-family starts have languished while singles have taken wing. The latest month's multi-unit starts were -17.6% m/m, -24.1% y/y and -21.7% ytd. But single-family starts in March 2021 were +17.5% m/m, +13.5% y/y and +7.7% ytd. Including home building with all nonresidential categories, ConstructConnect's 'Grand Total' starts in 2021's third month were +32.3% m/m, but -3.8% y/y and -12.4% ytd. ♦

Alex Carrick

ConstructConnect adopts a research-assigned 'start' 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.

Expansion Index Monitors Construction Prospects

The economy may be in recovery mode, but nonresidential work is usually a lagging player. Companies are hesitant to undertake capital spending until their personnel needs are rapidly expanding and their office square footage or plant footprints are straining capacity. Also, it helps if profits are abundant. (Today's greater tendency to work from home has made office occupancy much more difficult to assess.)

Each month, ConstructConnect publishes information on upcoming construction projects at its *Expansion Index* web location, to be found by clicking on this link, ***https://www.constructconnect.com/expansion-index***

The *Expansion Index*, for hundreds of cities in the U.S. and Canada, calculates the ratio, based on dollar volume, of projects in the planning stage, at present, divided by the comparable figure a year ago. The ratio moves above 1.0 when there is currently a larger dollar volume of construction 'prospects' than there was last year at the same time. The ratio sinks below 1.0 when the opposite is the case. The results are set out in interactive maps for both countries.

TABLE 4: Q1 2021 RANKING OF TOP 20 STATES BY YTD $ VOLUME OF NONRESIDENTIAL CONSTRUCTION STARTS — ConstructConnect®

	Jan-Mar 2021	% Change vs Jan-Mar 2020
1 Texas	$10,416,889,209	-2.0%
2 California	$7,997,893,211	-23.3%
3 Florida	$4,816,921,643	-25.5%
4 Ohio	$4,126,854,473	49.4%
5 New York	$3,640,503,569	-36.1%
6 Tennessee	$3,636,358,370	36.7%
7 Georgia	$3,388,558,746	-8.9%
8 Minnesota	$3,353,798,791	96.5%
9 Illinois	$2,571,915,181	-11.5%
10 Pennsylvania	$2,485,456,139	-6.6%
11 North Carolina	$2,389,468,122	-0.9%
12 Virginia	$2,283,192,217	-36.9%
13 Michigan	$1,830,456,583	7.2%
14 Missouri	$1,782,954,148	-23.4%
15 Washington	$1,588,773,234	-42.9%
16 South Carolina	$1,547,145,327	13.1%
17 Indiana	$1,529,848,681	-27.4%
18 Massachusetts	$1,425,066,119	-31.2%
19 Colorado	$1,352,366,466	-36.8%
20 Maine	$1,335,723,456	234.2%

Figures are comprised of non-res building & engineering (residential is omitted).

TABLE 5: Q1 2021 RANKING OF TOP 20 STATES BY YTD $ VOLUME OF NONRESIDENTIAL BUILDING CONSTRUCTION STARTS — ConstructConnect®

	Jan-Mar 2021	% Change vs Jan-Mar 2020
1 Texas	$6,159,640,331	-8.5%
2 California	$4,894,692,090	-13.4%
3 Ohio	$3,240,749,314	92.8%
4 Tennessee	$3,237,551,653	58.8%
5 Florida	$2,881,550,435	-37.1%
6 Georgia	$2,399,707,139	-2.9%
7 New York	$2,080,171,700	-48.4%
8 Pennsylvania	$1,801,892,186	34.1%
9 North Carolina	$1,781,061,878	-2.2%
10 Virginia	$1,700,154,832	-34.2%
11 Illinois	$1,477,020,024	-6.2%
12 Missouri	$1,294,058,120	-23.4%
13 South Carolina	$1,021,101,274	12.4%
14 Massachusetts	$1,019,799,540	-36.1%
15 Washington	$974,440,958	-48.9%
16 Michigan	$934,767,879	-18.7%
17 Alabama	$909,397,173	-27.0%
18 Colorado	$825,775,610	-49.0%
19 Arizona	$769,551,060	-77.1%
20 Utah	$636,171,666	-54.2%

TABLE 6: Q1 2021 RANKING OF TOP 20 STATES BY YTD $ VOLUME OF HEAVY ENGINEERING/CIVIL CONSTRUCTION STARTS — ConstructConnect®

	Jan-Mar 2021	% Change vs Jan-Mar 2020
1 Texas	$4,257,248,878	9.1%
2 California	$3,103,201,121	-35.0%
3 Minnesota	$2,952,908,765	213.0%
4 Florida	$1,935,371,208	2.3%
5 New York	$1,560,331,869	-6.2%
6 Maine	$1,190,501,608	274.9%
7 Illinois	$1,094,895,157	-17.7%
8 Georgia	$988,851,607	-20.7%
9 Indiana	$949,087,190	4.5%
10 Michigan	$895,688,704	60.8%
11 Ohio	$886,105,159	-18.1%
12 Wisconsin	$811,706,231	31.1%
13 Pennsylvania	$683,563,953	-48.1%
14 Washington	$614,332,276	-29.7%
15 North Carolina	$608,406,244	3.2%
16 Oklahoma	$585,677,254	69.0%
17 Virginia	$583,037,385	-43.6%
18 Colorado	$526,590,856	1.1%
19 South Carolina	$526,044,053	14.7%
20 Missouri	$488,896,028	-23.5%

Data source and Tables: ConstructConnect.

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 50,000 followers.

INSIGHT view of starts statistics

TABLE 7: VALUE OF UNITED STATES CONSTRUCTION STARTS
ConstructConnect® INSIGHT VERSION — MARCH 2021
ARRANGED TO MATCH THE ALPHABETICAL CATEGORY DROP-DOWN MENUS IN INSIGHT

		Jan-Mar 2021 ($ billions)	% Change Jan-Mar 21 vs Jan-Mar 20	% Change Mar 21 vs Mar 20	% Change Mar 21 vs Feb 21
Summary					
CIVIL		33.711	-6.3%	-17.6%	50.7%
NONRESIDENTIAL BUILDING		47.430	-27.5%	-1.0%	66.2%
RESIDENTIAL		68.164	-1.2%	2.3%	7.4%
GRAND TOTAL		149.305	-12.4%	-3.8%	32.3%
Verticals					
	Airport	0.485	-47.9%	-68.9%	2.1%
	All Other Civil	4.826	1.3%	-15.8%	79.3%
	Bridges	4.916	-30.0%	-39.3%	59.1%
	Dams / Canals / Marine Work	1.382	-26.7%	-17.8%	25.5%
	Power Infrastructure	1.826	98.7%	-25.7%	125.1%
	Roads	12.502	-5.0%	-2.8%	52.6%
	Water and Sewage Treatment	7.774	6.3%	-13.6%	37.6%
CIVIL		33.711	-6.3%	-17.6%	50.7%
	Offices (private)	2.902	-61.7%	-39.1%	-1.4%
	Parking Garages	0.566	-4.2%	-31.2%	-59.4%
	Transportation Terminals	0.172	-73.2%	-77.7%	-39.8%
Commercial (small subset)		3.640	-58.7%	-43.3%	-16.7%
	Amusement	1.515	-19.5%	2.1%	31.9%
	Libraries / Museums	0.510	-69.8%	-15.0%	91.2%
	Religious	0.185	-64.9%	-64.7%	89.2%
	Sports Arenas / Convention Centers	1.067	-24.2%	61.3%	512.1%
Community		3.277	-40.5%	4.5%	119.3%
	College / University	2.797	-37.9%	-59.4%	-17.5%
	Elementary / Pre School	3.349	-27.0%	-48.5%	40.8%
	Jr / Sr High School	5.246	-21.7%	-41.8%	-13.1%
	Special / Vocational	0.277	-32.8%	-58.9%	-28.0%
Educational		11.669	-28.0%	-48.6%	-2.2%
	Courthouses	0.645	-9.0%	-30.7%	-39.9%
	Fire and Police Stations	0.865	-7.6%	4.3%	24.4%
	Government Offices	2.172	-12.7%	-11.8%	14.0%
	Prisons	0.407	4.7%	-53.3%	58.3%
Government		4.089	-9.6%	-16.4%	9.9%
	Industrial Labs / Labs / School Labs	0.373	-52.2%	0.1%	64.3%
	Manufacturing	4.884	-1.1%	218.5%	502.3%
	Warehouses	3.943	-36.9%	30.3%	76.4%
Industrial		9.200	-23.1%	94.1%	196.1%
	Hospitals / Clinics	5.580	67.7%	480.3%	216.3%
	Medical Misc.	1.287	-42.8%	-65.8%	-17.1%
	Nursing Homes	0.946	-52.5%	-34.6%	263.1%
Medical		7.813	3.3%	83.7%	154.4%
Military		2.575	73.8%	121.5%	191.0%
	Hotels	1.310	-71.2%	-46.5%	86.0%
	Retail Misc.	1.287	-14.5%	-17.7%	-9.1%
	Shopping	2.569	-23.1%	-17.6%	55.5%
Retail		5.166	-45.0%	-28.0%	40.7%
NONRESIDENTIAL BUILDING		47.430	-27.5%	-1.0%	66.2%
	Multi-Family	16.373	-21.7%	-24.1%	-17.6%
	Single-Family	51.791	7.7%	13.5%	17.5%
RESIDENTIAL		68.164	-1.2%	2.3%	7.4%
NONRESIDENTIAL		81.141	-20.0%	-7.9%	60.1%
GRAND TOTAL		149.305	-12.4%	-3.8%	32.3%

Table 1 conforms to the type-of-structure ordering adopted by many firms and organizations in the industry. Specifically, it breaks nonresidential building into ICI work (i.e., industrial, commercial and institutional), since each has its own set of economic and demographic drivers.
Table 7 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.

"Top Ten" projects of the month

TABLE 8: ConstructConnect's TOP 10 PROJECT STARTS IN MARCH 2021

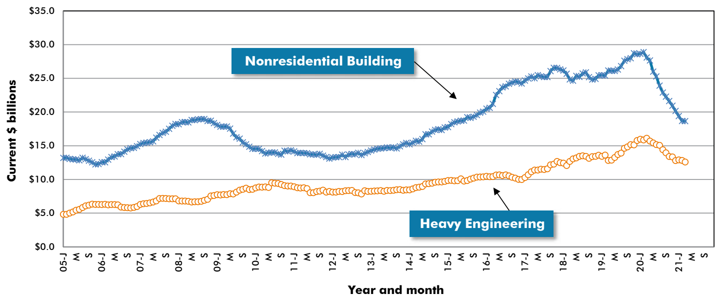
LOCATION (EAST TO WEST)	TYPE OF CONSTRUCTION	DESCRIPTION	SQUARE FEET 000S*	DOLLARS 000,000S
Massachusetts North Andover	Industrial	Amazon Fulfillment Center - Osgood Street / North Andover (2 structures; 5 stories) 1600 Osgood St Hillwood - Harrisburg	3,800	$400
New York Nassau	Civil/Engineering	Design-Build Professional Consulting Services - Bay Park Diversion Project (2 structures) Multiple Locations NYS Department of Environmental Conservation	*	$439
Pennsylvania Philadelphia	Residential	West Tower at Schuykill Yards (8 structures; 28 stories; 326 units) 3025 John F Kennedy Blvd Brandywine Realty Trust	570	$287
District of Columbia Washington	Residential	4000 Wisconsin Avenue NW Rebuild (5 structures; 5 stories; 689 units) 4000 Wisconsin Ave W Donohoe Construction	*	$250
South Carolina Rock Hill	Industrial	Randolph Yarns Industrial Park (4 structures; 2 stories) 175 Celriver Rd SCP Acquisitions LLC	850	$250
Ohio Columbus	Institutional	Ohio State Wexner Medical Center Inpatient Hospital (1 structure; 26 stories; 820 beds) 460 W 10th Ave Ohio State University	1,900	$1,790
Tennessee Spring Hill	Industrial	General Motors Plant Expansion (1 structure) 100 Saturn Pkwy General Motors - Spring Hill	324	$2,000
Texas San Antonio	Institutional	UT Health-SA - Inpatient Facility (2 structures; 8 stories; 144 beds) 8311 Ewing Halsell Dr Vaughn Construction (Owner's Rep)	500	$269
California Irvine	Institutional	City of Hope Cancer Center / Irvine (2 structures; 4 stories) 15161 Alton Pkwy FivePoint Communities	3,292	$1,000
Elk Grove	Commercial	Wilton Rancheria Hotel and Casino Resort (6 structures; 16 stories) CA-99 Wilton Rancheria Tribal Office	609	$400
TOTALS:			**11,845**	**$7,085**

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

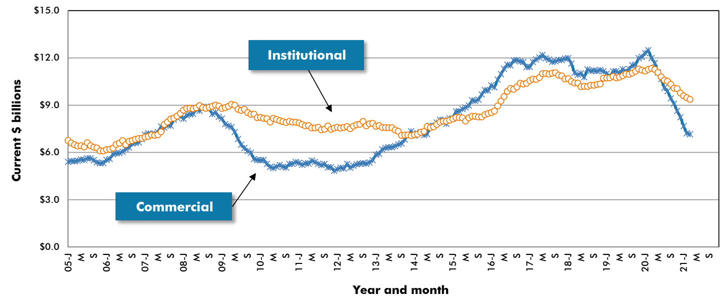
Source: ConstructConnect/Table: ConstructConnect.

Trend graphs for 12 key categories

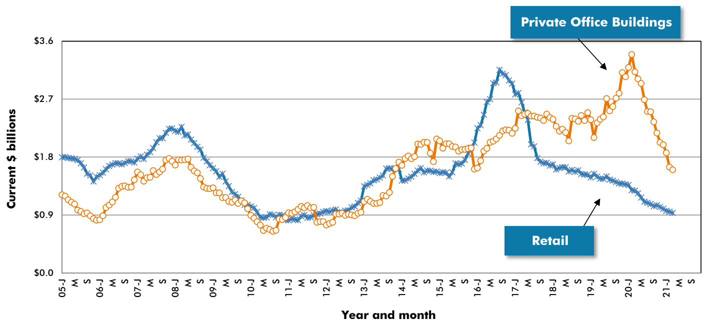
GRAPH 9: U.S. NONRESIDENTIAL CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



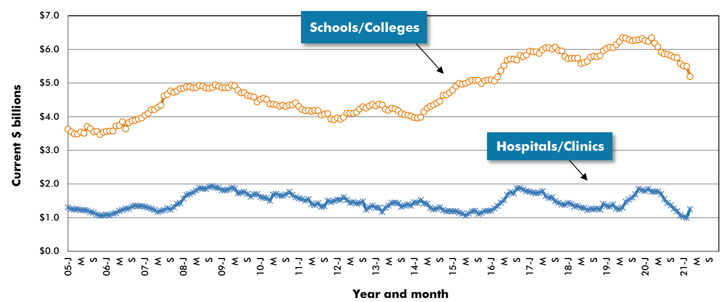
GRAPH 10: U.S. COMMERCIAL AND INSTITUTIONAL CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



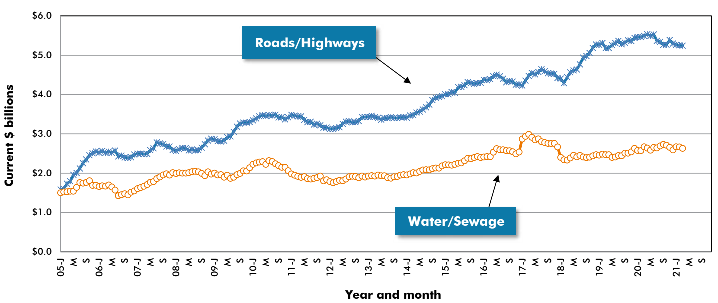
GRAPH 11: U.S. RETAIL AND PRIVATE OFFICE BUILDING CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



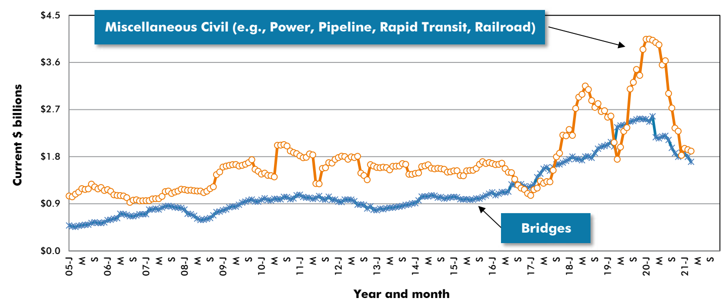
GRAPH 12: U.S. HOSPITAL/CLINIC AND SCHOOL/COLLEGE CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



GRAPH 13: U.S. ROAD/HIGHWAY AND WATER/SEWAGE CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



GRAPH 14: U.S. BRIDGES AND MISCELLANEOUS CIVIL CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



The last data points in all the graphs on this page are for March, 2021.

Source: ConstructConnect/Charts: ConstructConnect.

Regional starts table

TABLE 9: U.S. YEAR-TO-DATE REGIONAL STARTS, NONRESIDENTIAL CONSTRUCTION* — ConstructConnect®

	Jan-Mar 2020	Jan-Mar 2021	% Change
Connecticut	$629,528,244	$436,883,569	-30.6%
Maine	$399,665,304	$1,335,723,456	234.2%
Massachusetts	$2,071,213,365	$1,425,066,119	-31.2%
New Hampshire	$145,198,997	$108,283,264	-25.4%
Rhode Island	$188,252,027	$409,762,193	117.7%
Vermont	$161,364,224	$74,220,138	-54.0%
Total New England	$3,595,222,161	$3,789,938,739	5.4%
New Jersey	$2,102,968,230	$982,893,433	-53.3%
New York	$5,693,435,497	$3,640,503,569	-36.1%
Pennsylvania	$2,661,259,350	$2,485,456,139	-6.6%
Total Middle Atlantic	$10,457,663,077	$7,108,853,141	-32.0%
TOTAL NORTHEAST	$14,052,885,238	$10,898,791,880	-22.4%
Illinois	$2,906,111,475	$2,571,915,181	-11.5%
Indiana	$2,107,415,472	$1,529,848,681	-27.4%
Michigan	$1,707,025,085	$1,830,456,583	7.2%
Ohio	$2,762,405,458	$4,126,854,473	49.4%
Wisconsin	$1,842,499,682	$1,335,249,151	-27.5%
Total East North Central	$11,325,457,172	$11,394,324,069	0.6%
Iowa	$1,226,004,300	$868,347,632	-29.2%
Kansas	$1,172,318,262	$702,916,927	-40.0%
Minnesota	$1,706,886,421	$3,353,798,791	96.5%
Missouri	$2,328,512,441	$1,782,954,148	-23.4%
Nebraska	$1,796,701,077	$590,755,710	-67.1%
North Dakota	$232,362,467	$461,345,385	98.5%
South Dakota	$267,536,848	$399,790,357	49.4%
Total West North Central	$8,730,321,816	$8,159,908,950	-6.5%
TOTAL MIDWEST	$20,055,778,988	$19,554,233,019	-2.5%
Delaware	$590,030,316	$314,577,650	-46.7%
District of Columbia	$237,059,291	$247,192,092	4.3%
Florida	$6,469,243,646	$4,816,921,643	-25.5%
Georgia	$3,718,363,570	$3,388,558,746	-8.9%
Maryland	$2,139,583,169	$625,138,208	-70.8%
North Carolina	$2,410,697,079	$2,389,468,122	-0.9%
South Carolina	$1,367,602,877	$1,547,145,327	13.1%
Virginia	$3,616,205,989	$2,283,192,217	-36.9%
West Virginia	$508,936,275	$225,997,094	-55.6%
Total South Atlantic	$21,057,722,212	$15,838,191,099	-24.8%
Alabama	$1,643,613,092	$1,285,017,182	-21.8%
Kentucky	$856,646,660	$743,707,704	-13.2%
Mississippi	$957,383,069	$353,176,950	-63.1%
Tennessee	$2,660,624,948	$3,636,358,370	36.7%
Total East South Central	$6,118,267,769	$6,018,260,206	-1.6%
Arkansas	$1,525,235,848	$480,356,775	-68.5%
Louisiana	$1,427,752,136	$1,031,364,788	-27.8%
Oklahoma	$1,024,423,396	$920,225,846	-10.2%
Texas	$10,631,078,217	$10,416,889,209	-2.0%
Total West South Central	$14,608,489,597	$12,848,836,618	-12.0%
TOTAL SOUTH	$41,784,479,578	$34,705,287,923	-16.9%
Arizona	$3,757,713,647	$1,045,093,014	-72.2%
Colorado	$2,140,035,603	$1,352,366,466	-36.8%
Idaho	$383,127,515	$167,174,394	-56.4%
Montana	$322,025,956	$178,331,276	-44.6%
Nevada	$1,108,992,354	$663,675,317	-40.2%
New Mexico	$394,986,172	$557,631,896	41.2%
Utah	$2,751,228,987	$862,272,742	-68.7%
Wyoming	$256,831,848	$192,489,697	-25.1%
Total Mountain	$11,114,942,082	$5,019,034,802	-54.8%
Alaska	$230,451,444	$168,353,939	-26.9%
California	$10,424,479,133	$7,997,893,211	-23.3%
Hawaii	$220,884,657	$414,982,369	87.9%
Oregon	$771,258,332	$793,173,917	2.8%
Washington	$2,780,487,186	$1,588,773,234	-42.9%
Total Pacific	$14,427,560,752	$10,963,176,670	-24.0%
TOTAL WEST	$25,542,502,834	$15,982,211,472	-37.4%
TOTAL U.S.	$101,435,646,638	$81,140,524,294	-20.0%

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

Source: ConstructConnect/Table: ConstructConnect.

Detailed national table

TABLE 10: VALUE OF U.S. NATIONAL CONSTRUCTION STARTS — MARCH 2021 — 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 21	Feb 21	Mar 21	Jan 21	Feb 21	Mar 21	Jan 21	Feb 21	Mar 21	Jan-Mar 2020	Jan-Mar 2021
Single Family	17.026	15.983	18.782	18.754	17.624	17.264	18.435	18.406	18.593	48.071	51.791
month-over-month % change	-14.3%	-6.1%	17.5%	-8.5%	-6.0%	-2.0%	0.8%	-0.2%	1.0%		
year-over-year % change	12.0%	-2.1%	13.5%	22.2%	12.3%	7.7%	11.2%	9.1%	9.9%	9.4%	7.7%
Apartment	4.567	6.472	5.333	5.225	5.231	5.458	6.202	6.200	6.060	20.921	16.373
month-over-month % change	-1.9%	41.7%	-17.6%	-13.9%	0.1%	4.3%	-3.7%	0.0%	-2.3%		
year-over-year % change	-38.4%	-0.2%	-24.1%	-38.3%	-30.4%	-21.7%	-25.2%	-24.3%	-25.5%	-6.3%	-21.7%
TOTAL RESIDENTIAL	21.593	22.456	24.115	23.979	22.856	22.721	24.637	24.607	24.652	68.992	68.164
month-over-month % change	-11.9%	4.0%	7.4%	-9.7%	-4.7%	-0.6%	-0.3%	-0.1%	0.2%		
year-over-year % change	-4.5%	-1.6%	2.3%	0.7%	-1.6%	-1.2%	-0.9%	-1.8%	-1.6%	4.1%	-1.2%
Hotel/Motel	0.481	0.290	0.539	0.574	0.332	0.437	0.762	0.619	0.579	4.544	1.310
month-over-month % change	112.8%	-39.7%	86.0%	-8.0%	-42.1%	31.4%	-10.3%	-18.8%	-6.3%		
year-over-year % change	-68.5%	-85.6%	-46.5%	-73.1%	-82.1%	-71.2%	-61.1%	-68.7%	-68.3%	-26.0%	-71.2%
Retail/Shopping	0.823	0.683	1.063	0.779	0.701	0.856	0.964	0.951	0.932	3.339	2.569
month-over-month % change	38.0%	-16.9%	55.5%	-10.1%	-10.0%	22.2%	-3.2%	-1.4%	-2.0%		
year-over-year % change	-31.5%	-19.4%	-17.6%	-31.1%	-29.6%	-23.1%	-29.3%	-26.0%	-27.1%	-26.0%	-23.1%
Parking Garages	0.229	0.240	0.097	0.132	0.182	0.189	0.133	0.147	0.143	0.591	0.566
month-over-month % change	191.0%	4.9%	-59.4%	28.6%	37.6%	3.4%	-8.4%	10.4%	-2.5%		
year-over-year % change	-39.0%	222.7%	-31.2%	-49.0%	-4.8%	-4.2%	-50.5%	-44.8%	-42.2%	-24.7%	-4.2%
Amusement	0.416	0.474	0.625	0.394	0.432	0.505	0.497	0.492	0.494	1.882	1.515
month-over-month % change	2.3%	13.9%	31.9%	-22.6%	9.7%	16.8%	-5.1%	-1.0%	0.2%		
year-over-year % change	-43.5%	-11.2%	2.1%	-34.8%	-32.2%	-19.5%	-23.0%	-25.0%	-25.0%	19.3%	-19.5%
Office	1.342	0.786	0.775	2.141	1.220	0.967	1.866	1.644	1.602	7.576	2.902
month-over-month % change	-12.4%	-41.5%	-1.4%	-2.8%	-43.0%	-20.7%	-6.3%	-11.9%	-2.5%		
year-over-year % change	-53.0%	-77.2%	-39.1%	-36.5%	-55.8%	-61.7%	-41.6%	-51.6%	-48.7%	13.6%	-61.7%
Governmental Offices	0.645	0.714	0.813	0.725	0.703	0.724	0.887	0.881	0.872	2.488	2.172
month-over-month % change	-14.0%	10.7%	14.0%	-2.4%	-3.1%	3.0%	-1.3%	-0.7%	-1.0%		
year-over-year % change	-17.4%	-9.2%	-11.8%	-17.4%	-9.4%	-12.7%	-9.9%	-11.4%	-14.1%	20.9%	-12.7%
Laboratories	0.075	0.113	0.186	0.152	0.141	0.124	0.161	0.158	0.158	0.781	0.373
month-over-month % change	-68.4%	51.0%	64.3%	-26.5%	-6.9%	-12.0%	-16.2%	-1.8%	0.0%		
year-over-year % change	-83.3%	-23.5%	0.1%	-51.5%	-53.1%	-52.2%	-27.6%	-30.8%	-29.6%	54.5%	-52.2%
Warehouse	0.982	1.072	1.890	1.393	1.011	1.314	1.866	1.837	1.874	6.247	3.943
month-over-month % change	0.3%	9.2%	76.4%	-22.9%	-27.4%	30.1%	-9.7%	-1.5%	2.0%		
year-over-year % change	-71.0%	-24.3%	30.3%	-44.8%	-56.2%	-36.9%	-8.7%	-10.4%	-8.8%	50.3%	-36.9%
Misc Commercial	0.285	0.192	0.762	0.281	0.210	0.413	0.527	0.492	0.502	2.050	1.239
month-over-month % change	87.9%	-32.6%	297.0%	-4.4%	-25.5%	97.1%	-7.4%	-6.6%	2.0%		
year-over-year % change	-64.1%	-68.5%	17.8%	-74.0%	-72.4%	-39.6%	-67.6%	-69.7%	-67.9%	-47.2%	-39.6%
TOTAL COMMERCIAL	5.277	4.563	6.750	6.571	4.932	5.530	7.664	7.221	7.156	29.497	16.590
month-over-month % change	6.5%	-13.5%	47.9%	-10.7%	-25.0%	12.1%	-6.9%	-5.8%	-0.9%		
year-over-year % change	-56.4%	-53.8%	-10.3%	-46.6%	-53.4%	-43.8%	-37.7%	-42.1%	-40.3%	-2.6%	-43.8%
TOTAL INDUSTRIAL (Manufacturing)	1.601	0.467	2.815	0.968	0.866	1.628	1.700	1.524	1.685	4.938	4.884
month-over-month % change	202.5%	-70.8%	502.3%	-27.2%	-10.5%	88.0%	0.6%	-10.3%	10.6%		
year-over-year % change	8.4%	-81.9%	218.5%	-51.4%	-54.3%	-1.1%	-62.3%	-66.1%	-59.0%	-56.7%	-1.1%
Religious	0.037	0.051	0.097	0.096	0.087	0.062	0.119	0.114	0.099	0.526	0.185
month-over-month % change	-78.7%	39.7%	89.2%	-24.1%	-9.6%	-28.8%	-6.7%	-4.3%	-13.1%		
year-over-year % change	-73.5%	-54.6%	-64.7%	-38.9%	-28.6%	-64.9%	-21.9%	-25.7%	-39.2%	12.7%	-64.9%
Hosptials/Clinics	0.742	1.162	3.676	1.024	0.857	1.860	1.025	0.999	1.253	3.327	5.580
month-over-month % change	11.6%	56.6%	216.3%	-12.9%	-16.4%	117.1%	-3.7%	-2.5%	25.4%		
year-over-year % change	-39.1%	-21.2%	480.3%	-48.6%	-47.5%	67.7%	-42.7%	-46.1%	-29.4%	-13.2%	67.7%
Nursing/Assisted Living	0.428	0.112	0.406	0.507	0.347	0.315	0.569	0.529	0.511	1.991	0.946
month-over-month % change	-14.8%	-73.9%	263.1%	-9.9%	-31.5%	-9.2%	-4.8%	-7.2%	-3.4%		
year-over-year % change	-44.4%	-81.4%	-34.6%	-21.6%	-42.9%	-52.5%	-26.2%	-29.9%	-28.9%	-32.9%	-52.5%
Libraries/Museums	0.194	0.109	0.208	0.189	0.143	0.170	0.268	0.217	0.214	1.692	0.510
month-over-month % change	52.7%	-43.9%	91.2%	13.5%	-24.2%	18.8%	-14.1%	-19.2%	-1.4%		
year-over-year % change	-73.1%	-85.0%	-15.0%	-54.7%	-74.1%	-69.8%	-29.6%	-49.9%	-49.4%	145.5%	-69.8%
Fire/Police/Courthouse/Prison	0.922	0.488	0.507	0.900	0.707	0.639	0.672	0.676	0.663	2.035	1.917
month-over-month % change	29.5%	-47.1%	4.0%	12.4%	-21.4%	-9.6%	-0.1%	0.6%	-1.9%		
year-over-year % change	-1.2%	10.2%	-23.0%	32.8%	12.6%	-5.8%	9.7%	8.4%	4.0%	54.5%	-5.8%
Military	0.979	0.408	1.188	0.825	0.597	0.858	0.798	0.807	0.861	1.482	2.575
month-over-month % change	142.6%	-58.3%	191.0%	-0.3%	-27.7%	43.8%	3.7%	1.1%	6.7%		
year-over-year % change	52.7%	34.3%	121.5%	62.0%	52.4%	73.8%	77.0%	74.6%	82.9%	68.5%	73.8%
Schools/Colleges	3.976	3.888	3.804	3.819	3.688	3.890	5.507	5.495	5.195	16.204	11.669
month-over-month % change	24.2%	-2.2%	-2.2%	-1.2%	-3.4%	5.5%	-1.2%	-0.2%	-5.5%		
year-over-year % change	-16.5%	-3.7%	-48.6%	-21.2%	-21.8%	-28.0%	-12.1%	-11.9%	-18.1%	1.6%	-28.0%
Misc Medical	0.390	0.490	0.407	0.587	0.551	0.429	0.635	0.636	0.571	2.248	1.287
month-over-month % change	-49.4%	25.7%	-17.1%	-8.2%	-6.3%	-22.1%	-2.5%	0.2%	-10.2%		
year-over-year % change	-33.6%	3.8%	-65.8%	-5.2%	-12.1%	-42.8%	-14.4%	-16.0%	-29.1%	16.3%	-42.8%
TOTAL INSTITUTIONAL	7.667	6.709	10.293	7.948	6.976	8.223	9.594	9.472	9.367	29.504	24.669
month-over-month % change	17.0%	-12.5%	53.4%	-2.7%	-12.2%	17.9%	-1.8%	-1.3%	-1.1%		
year-over-year % change	-21.5%	-17.9%	-10.9%	-19.5%	-24.8%	-16.4%	-14.1%	-16.0%	-17.4%	5.3%	-16.4%
Misc Non Residential	0.398	0.466	0.423	0.428	0.437	0.429	0.450	0.453	0.445	1.506	1.287
month-over-month % change	-11.4%	17.1%	-9.1%	-8.9%	2.1%	-1.9%	-3.0%	0.7%	-1.7%		
year-over-year % change	-29.4%	8.7%	-17.7%	-32.3%	-8.7%	-14.5%	-30.8%	-28.8%	-29.7%	-4.3%	-14.5%
TOTAL NON-RES BUILDING	14.943	12.205	20.282	15.915	13.211	15.810	19.407	18.670	18.653	65.445	47.430
month-over-month % change	19.7%	-18.3%	66.2%	-8.1%	-17.0%	19.7%	-3.7%	-3.8%	-0.1%		
year-over-year % change	-37.5%	-42.0%	-1.0%	-35.8%	-40.6%	-27.5%	-32.2%	-35.4%	-33.6%	-8.2%	-27.5%
Airports	0.128	0.176	0.180	0.315	0.155	0.162	0.501	0.500	0.466	0.931	0.485
month-over-month % change	-20.3%	37.4%	2.1%	-25.2%	-50.7%	4.1%	-0.5%	-0.3%	-6.6%		
year-over-year % change	-17.5%	-10.5%	-68.9%	0.7%	-41.0%	-47.9%	-14.6%	-8.4%	-17.8%	-38.6%	-47.9%
Roads/Highways	3.532	3.550	5.419	4.072	3.465	4.167	5.264	5.256	5.243	13.159	12.502
month-over-month % change	6.7%	0.5%	52.6%	-10.7%	-14.9%	20.3%	-0.6%	-0.1%	-0.2%		
year-over-year % change	-10.3%	-2.6%	-2.8%	-0.5%	-13.2%	-5.0%	-3.6%	-3.8%	-4.5%	4.6%	-5.0%
Bridges	2.060	1.102	1.754	1.907	1.912	1.639	1.861	1.794	1.700	7.019	4.916
month-over-month % change	-20.0%	-46.5%	59.1%	20.8%	0.2%	-14.3%	-0.8%	-3.6%	-5.3%		
year-over-year % change	-7.7%	-41.9%	-39.3%	-0.8%	-0.4%	-30.0%	-26.1%	-27.3%	-33.9%	10.4%	-30.0%
Dams/Marine	0.456	0.411	0.515	0.536	0.424	0.461	0.642	0.651	0.642	1.885	1.382
month-over-month % change	12.0%	-9.9%	25.5%	-30.4%	-20.8%	8.5%	-6.1%	1.4%	-1.4%		
year-over-year % change	-52.4%	36.9%	-17.8%	-33.6%	-23.1%	-26.7%	-15.6%	-14.1%	-18.5%	91.8%	-26.7%
Water/Sewage	3.016	2.002	2.756	2.427	2.478	2.591	2.674	2.670	2.633	7.315	7.774
month-over-month % change	24.9%	-33.6%	37.6%	12.0%	2.1%	4.6%	3.0%	-0.2%	-1.4%		
year-over-year % change	45.7%	-2.5%	-13.6%	-6.3%	1.8%	6.3%	3.7%	3.7%	-1.5%	6.9%	6.3%
Misc Civil (Power, etc.)	4.642	0.686	1.324	2.432	2.203	2.217	1.957	1.932	1.905	5.682	6.652
month-over-month % change	262.1%	-85.2%	93.1%	100.6%	-9.4%	0.6%	7.3%	-1.3%	-1.4%		
year-over-year % change	52.0%	-30.1%	-19.6%	-39.0%	-39.2%	17.1%	-51.6%	-52.2%	-52.6%	57.6%	17.1%
TOTAL ENGINEERING (Civil)	13.835	7.927	11.949	11.690	10.638	11.237	12.899	12.803	12.590	35.991	33.711
month-over-month % change	36.3%	-42.7%	50.7%	9.1%	-9.0%	5.6%	0.9%	-0.7%	-1.7%		
year-over-year % change	11.5%	-12.6%	-17.6%	-14.7%	-16.8%	-6.3%	-19.1%	-19.2%	-21.9%	12.9%	-6.3%
GRAND TOTAL	50.371	42.588	56.346	51.584	46.705	49.768	56.943	56.080	55.896	170.427	149.305
month-over-month % change	6.8%	-15.5%	32.3%	-5.5%	-9.5%	6.6%	-1.2%	-1.5%	-0.3%		
year-over-year % change	-14.5%	-19.6%	-3.8%	-17.2%	-19.8%	-12.4%	-18.0%	-19.7%	-19.3%	0.6%	-12.4%
NON-RES BLDG + ENGINEERING	***28.777***	***20.132***	***32.231***	***27.605***	***23.849***	***27.047***	***32.306***	***31.473***	***31.243***	***101.436***	***81.141***
month-over-month % change	***27.1%***	***-30.0%***	***60.1%***	***-1.5%***	***-13.6%***	***13.4%***	***-1.9%***	***-2.6%***	***-0.7%***		
year-over-year % change	***-20.8%***	***-33.2%***	***-7.9%***	***-28.3%***	***-31.9%***	***-20.0%***	***-27.5%***	***-29.6%***	***-29.3%***	***-1.7%***	***-20.0%***

Source: ConstructConnect/Table: ConstructConnect.