constructconnect

MAY 2021 (based on April 2021 Starts Stats)

Construction Industry Snapshot

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April’s Nonresidential Construction Starts -5.9% M/M & -16.8% Ytd

ConstructConnect announced today that April 2021’s volume of construction starts, excluding residential work, was $31.5 billion, a decline of -5.9% vs March 2021’s $33.4 billion.

Year to date nonresidential starts have been -16.8% compared with Jan-Apr, 2020. Year to date grand total starts, however, which include residential activity, have been only barely negative, -1.8%.

	Commercial	Retail	Private Office	Hotel & Motel	Industrial	Institutional	Schools	Hospitals & Clinics	Heavy Engineering	Total Non-Residential
Apr 2021 vs Mar 2021	-5%	+9%	+7%	+11%	-73%	-24%	+30%	-86%	+25%	-6%
Jan-Apr 2021 vs Jan-Apr 2020	-35%	-15%	-54%	-64%	-13%	-18%	-22%	+50%	-4%	-17%
Jan-Apr 2020 vs Jan-Apr 2019	-11%	-28%	-4%	-31%	-51%	+1%	-7%	-10%	-2%	-8%

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April's Nonresidential Construction Starts -5.9% M/M & -16.8% Ytd

Wind Power Projects in Missouri and Texas Head Top 10 List

ConstructConnect announced today that April 2021's volume of construction starts, excluding residential work, was $31.5 billion, a decrease of -5.9% versus March 2021's $33.4 billion (originally reported as $32.2 billion). The m/m pullback was entirely due to softness in nonresidential building starts, -23.4%, as heavy engineering/civil starts were +25.3%.

Year-to-date nonresidential starts through the fourth month of this year were -16.8% versus Jan-Apr 2020. Nonresidential building and engineering year-to-date performances have been -24.6% and -3.5% respectively.

Perhaps in a sign of what's to come, with Washington's greater emphasis on carbon-free energy generation, two of the three largest (by dollar volume) initiations in the latest month were wind power projects, at approximately half a billion dollars each, located in Missouri and Texas (see Table 8 on page 8).

Including residential activity, **grand total starts** in April were +4.8% month to month and a barely negative -1.8% year to date. Residential work on its own was quite strong, +17.4% m/m and +21.6% ytd.

From now (i.e., April 2021 statistics) through the remainder of this year, it will be important to keep in mind that an extraordinary effect will be distorting year-over-year comparisons. Through Q1 of last year, groundbreakings were 'normal'. They weren't being impacted by economy-wide shutdowns to combat coronavirus infections.

Therefore, early 2021 relative to early 2020 percentage changes have been skewed downwards by a high base (denominator) in the mathematical calculation. Moving forward, an opposite bias will come into play. Last year's comparison numbers from late Spring on suffered from COVID-19-induced suppression.

The 'Starts' vs Put-in-place Capital Spending 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 (about 40%) of the total and nonresidential, three-fifths (i.e., the bigger portion, at around 60%). Presently, though, according to the Census Bureau's March 2021 not-seasonally-adjusted (NSA) PIP numbers for total U.S., the year-to-date mix has shifted more towards residential work (48% of the total) and away from nonresidential (52%) than usual. The Census Bureau's March 2021 NSA ytd PIP results are +4.5% for total; +20.7%, residential; and -7.0%, nonresidential.

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 modeling, has developed put-in-place construction statistics by types of structure for U.S. states, cities and counties, 'actuals' and forecasts. ConstructConnect's PIP numbers will be released quarterly and will be featured in a separate reporting system.

Construction Hiring Went into Hiatus in April

The U.S. economy in April added +266,000 net new jobs, but the construction sector played no role in the advance. Construction's jobs count over the last three months has bounced from -57,000 in February, to +97,000 in March, then to zero in April. Graph 1 shows the breakdown of staffing changes in

Continued on page 3

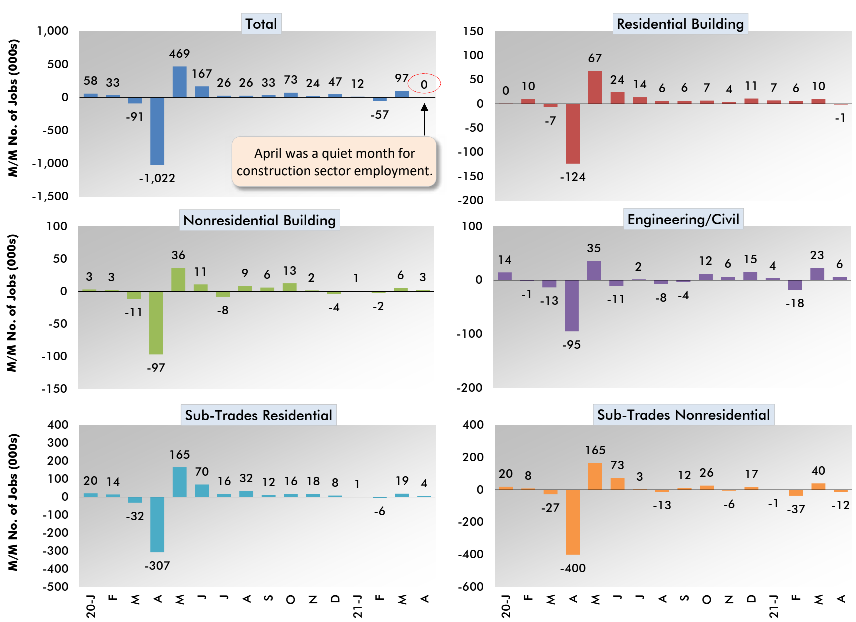
TABLE 1: VALUE OF UNITED STATES NONRESIDENTIAL CONSTRUCTION STARTS — APRIL 2021 (ConstructConnect®)

	Jan-Apr 2021 ($ billions)	% Change Jan-Apr 21 vs Jan-Apr 20	% Change Apr 21 vs Apr 20	% Change Apr 21 vs Mar 21
Hotel/Motel	1.981	-64.2%	-37.8%	10.6%
Retail/Shopping	3.691	-15.1%	7.7%	9.4%
Parking Garage	0.695	4.7%	-2.1%	-54.0%
Amusement	1.886	-25.9%	-43.9%	-40.9%
Private Office	4.408	-53.7%	-45.8%	7.1%
Government Office	3.013	-10.8%	-7.2%	0.7%
Laboratory	0.459	-46.2%	11.1%	-55.7%
Warehouse	6.953	-21.5%	-11.5%	1.1%
Miscellaneous Commercial *	1.811	-31.2%	2.7%	-23.8%
COMMERCIAL (big subset)	**24.898**	**-35.0%**	**-20.6%**	**-5.1%**
INDUSTRIAL (Manufacturing)	**5.761**	**-12.6%**	**-53.8%**	**-73.3%**
Religious	0.332	-44.4%	68.3%	3.7%
Hospital/Clinic	6.247	49.7%	-35.9%	-85.6%
Nursing/Assisted Living	1.507	-43.3%	-26.6%	4.3%
Library/Museum	0.609	-69.0%	-60.4%	-46.6%
Fire/Police/Courthouse/Prison	2.535	0.7%	24.7%	21.1%
Military	2.754	-19.9%	-83.7%	-70.9%
School/College	17.611	-21.5%	-13.9%	30.3%
Miscellaneous Medical	1.877	-33.6%	-0.2%	34.5%
INSTITUTIONAL	**33.471**	**-17.6%**	**-26.8%**	**-24.0%**
Miscellaneous Non-residential	1.820	-5.1%	19.1%	11.5%
NONRESIDENTIAL BUILDING	**65.950**	**-24.6%**	**-25.5%**	**-23.4%**
Airport	0.929	-24.9%	37.6%	106.4%
Road/Highway	19.603	-5.8%	-8.0%	29.6%
Bridge	6.914	-21.6%	10.4%	14.6%
Dam/Marine	1.982	-23.9%	-20.8%	4.5%
Water/Sewage	10.380	1.0%	-12.8%	-6.8%
Miscellaneous Civil (power, pipelines, etc.)	9.115	31.6%	97.1%	84.6%
HEAVY ENGINEERING (Civil)	**48.922**	**-3.5%**	**2.5%**	**25.3%**
TOTAL NONRESIDENTIAL	**114.873**	**-16.8%**	**-14.3%**	**-5.9%**

* Includes transportation terminals and sports arenas.

Source: ConstructConnect Research Group/Table: ConstructConnect.

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

construction by types-of-structure and general versus sub-trade contractors. The only significant alteration in April was the jobs contraction of -12,000 found among nonresidential sub-trade contractors.

The construction industry's NSA unemployment rate in April improved to 7.7% from 8.6% in March. A year ago, in April 2020, joblessness in the onsite sector was 16.6%. The 16.6% rate from a year ago, however, was the worst that has been reached during the health crisis. From April 2020 on, construction's unemployment rate eased back down again.

Even with construction's neutral hiring stance in the latest month, the sector's year-over-year jobs performance is looking pretty good, at +14.0%. As is shown in Graph 3, construction is positioned near the top among all sectors for y/y percentage change in number of jobs. No other sector, though, can compare with 'leisure and hospitality's' employment jump of +61.9% y/y. The fact that hotels/motels and bars/restaurants re-hired or took on new workers (many of them from a younger demographic) to the tune of +331,000 in April is exceptionally good news for the economy as a whole.

The latest year-over-year payroll adjustments in some other pockets of the economy with close ties to construction have been: machinery

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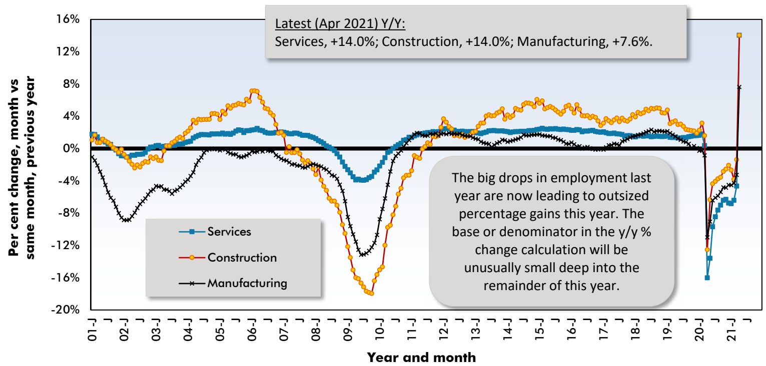
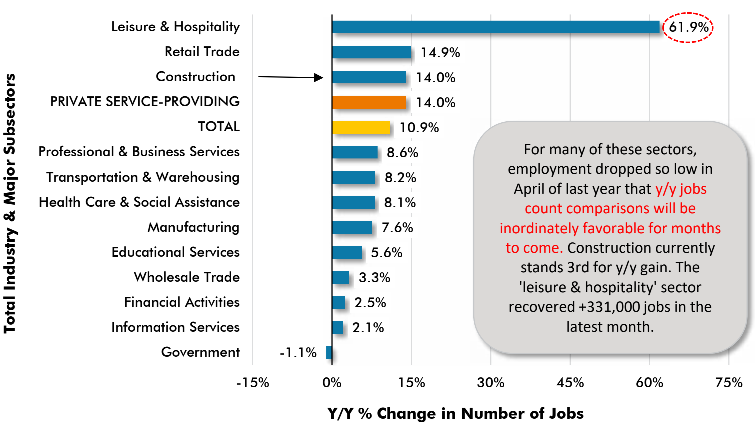
GRAPH 2: U.S. EMPLOYMENT APRIL 2021 – % CHANGE Y/Y BASED ON SEASONALLY ADJUSTED (SA) DATA



The latest data points are for April, 2021.

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

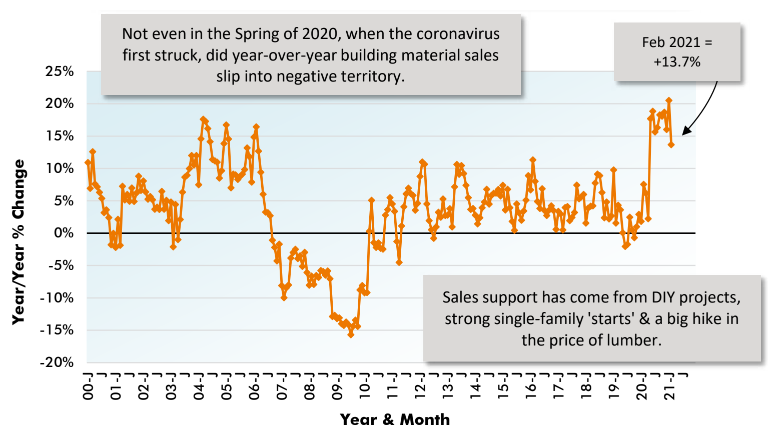
GRAPH 3: Y/Y JOBS CHANGE, U.S. TOTAL INDUSTRY & MAJOR SUBSECTORS – APRIL 2021 (BASED ON SEASONALLY ADJUSTED PAYROLL DATA)



April 2021's y/y changes in employment within the hardest-hit sector, 'leisure & hospitality', have been: 'hotels/motels', +29.2%; 'restaurants & bars', +68.0%; and 'amusements/gambling', +81.0%.

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



The background numbers for this graph are a subset derived from a broader designation that includes garden equipment. Also, the reported data for sales by 'building material & supplies dealers' alone is always a month behind. Feb 2021 results were +13.7% y/y, but -5.6% m/m.

Data Source: Census Bureau/Chart: ConstructConnect.

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

The Big Drop (revised data) April 2020 vs Feb 2020 (Feb 2020 was last month unaffected by COVID-19) Millions			Change in Number of Jobs (Millions) Apr 2021 vs Feb 2020 (Feb 2020 was last month unaffected by COVID-19)	Apr 2021 vs Mar 2021 (i.e., vs previous month)	% Change Apr 2021 vs Feb 2020 (Feb 2020 was last month unaffected by COVID-19)	Apr 2021 vs Mar 2021 (i.e., vs previous month)	Jobs Recovery Since Apr 2020, Millions	Claw Back Ratio
-22.362	-14.7%	Grand Total	-8.215	0.266	-5.4%	0.2%	14.147	63.3%
-18.787	-17.3%	Private Services-Providing	-6.185	0.234	-5.7%	0.2%	12.602	67.1%
-1.385	-10.8%	Manufacturing	-0.515	-0.018	-4.0%	-0.1%	0.870	62.8%
-1.113	-14.6%	Construction	-0.196	0.000	-2.6%	0.0%	0.917	82.4%
-2.375	-15.2%	Retail Trade	-0.400	-0.016	-2.6%	-0.1%	1.975	83.2%
-0.575	-9.9%	Transportation & Warehouse	-0.142	-0.074	-2.4%	-1.3%	0.433	75.3%
-0.279	-3.1%	Financial Activities	-0.063	0.019	-0.7%	0.2%	0.216	77.4%
-2.387	-11.1%	Professional & Business	-0.748	-0.079	-3.5%	-0.4%	1.639	68.7%
-0.281	-9.6%	Information Services	-0.227	0.001	-7.8%	0.0%	0.054	19.2%
-2.843	-11.6%	Education and Health	-1.170	-0.001	-4.8%	0.0%	1.673	58.8%
-8.224	-48.6%	Leisure & Hospitality	-2.848	0.331	-16.8%	2.4%	5.376	65.4%
-1.009	-4.4%	Government	-1.244	0.048	-5.4%	0.2%	-0.235	n/a

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

Continued from page 3

and equipment rental and leasing, -11.2%; cement and concrete product manufacturing, -5.5%; oil and gas extraction, +1.4%; building material suppliers, +4.1%; architectural and engineering services, +4.9%; and real estate, +6.0%.

Dominant Shares for Roads/Highways and Educational Facility Starts

There was a -5.9% retreat in total nonresidential construction starts month to month (m/m) in April 2021, at a time of year when more favorable weather 'seasonality' usually provides a boost to groundbreakings. Among type-of-structure categories, only engineering (+25.3%) made headway, while industrial (-73.3%), institutional (-24.0%) and commercial (-5.1%) stumbled.

On a year over year basis (y/y) in the latest month, total nonresidential construction starts were -14.3%, with engineering again on the upside (although to only a minor degree, +2.5%), but overwhelmed by drops in industrial (-53.8%), institutional (-26.8%) and commercial (-20.6%).

The year-to-date (i.e., Jan-Apr 2021/Jan-Apr 2020) decline of -16.8% in total nonresidential construction starts has resulted from across the board cuts in all the major type-of-structure categories. Commercial starts have been most challenged (-35.0% ytd, or off by a little more than a third), followed by institutional (-17.6%), industrial (-12.6%) and engineering (-3.5%).

By the way, besides wind power projects, the Top 10 starts list on page 8 includes two other kinds of projects that have recently come to greater prominence, a distribution center (for Amazon in Washington State) and a data center (RagingWire in Arizona).

The 'road/highway' and 'school/college' sub-categories held onto their dominant shares of total nonresidential construction starts ytd through April, at 17.1% and 15.3% respectively. Combined, they accounted for 32.4%, or just shy of one-third. The three key metrics for street starts in April were +29.6% m/m, but -8.0% y/y and -5.8% ytd; and for educational starts, +30.3% m/m, but -13.9% y/y and -21.5% ytd.

'Hospital/clinic' starts in April were down sharply m/m (-85.6%) and y/y (-35.9%), but they remained rosy-cheeked ytd (+49.7%). Total medical facility starts (including nursing homes and 'miscellaneous medical' along with hospitals) in the latest month were -65.6% m/m and -23.1% y/y, but -0.3% ytd, or next thing to flat.

Within commercial starts, two major sub-categories continued to be severely distressed ytd and y/y in April, 'hotels/motels' (-64.2% ytd and -37.8% y/y) and 'private offices' (-53.7% ytd and -45.8% y/y). But both had better records on a m/m basis: +10.6% for hotels/motels and +7.1% for private office buildings.

'Retail/shopping' starts in April may have been +9.4% m/m and +7.7% y/y, but they were -15.1% ytd. As a sub-category of commercial construction with increasing importance in the consumer spending area, warehouse starts in the latest month were +1.1% m/m, but -11.5% y/y and -21.5% ytd.

Sparks of Construction Jobs Strength in JOLTS Data

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*.

From Graph 5, JOLTS data on 'openings', whether as a level or a rate, established clearly defined peaks in early 2019. Moderation occurred later in 2019 and throughout 2020. But a period of renewed buoyancy has become apparent in 2021.

Continued on page 5

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

	Jan-Apr 2021 ($ billions)	% Change vs Jan-Apr 2020
Sports Stadiums/Convention Centers	$1.343	-28.3%
Transportation Teminals	$0.468	-38.3%
Courthouses	$0.786	2.3%
Police Stations & Fire Halls	$1.135	1.4%
Prisons	$0.614	-2.6%
Pre-School/Elementary	$5.239	-17.8%
Junior & Senior High Schools	$8.188	-17.0%
K-12 (sum of above two categories)	$13.427	-17.3%
Special & Vocational Schools	$0.388	-31.2%
Colleges & Universities	$3.796	-32.7%
Electric Power Infrastructure	$3.078	130.5%

Source: ConstructConnect/Table: ConstructConnect.

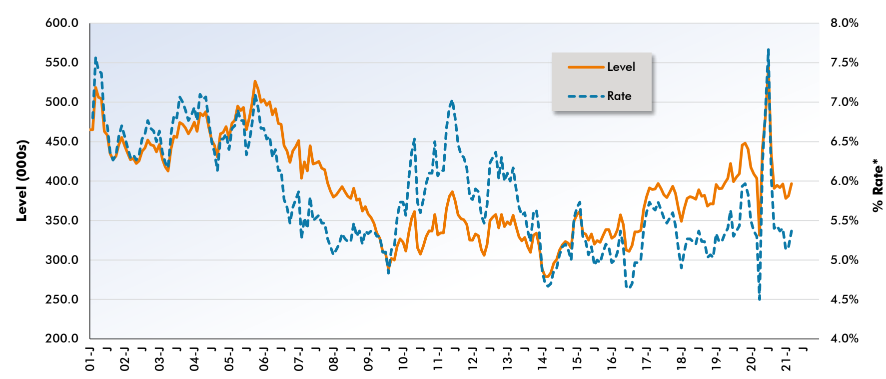
GRAPH 5: U.S. CONSTRUCTION JOB OPENINGS (FROM JOLTS REPORT) (3-MONTH MOVING AVERAGES PLACED IN LATEST MONTH)

A bigger drop in construction job 'openings' occurred in 2019 than in the Spring of 2020, when the coronavirus first struck. Over the past several months, openings have been climbing once again, both as a level and rate.

*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 Mar. 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 sharply before settling into a mid-range once it was apparent on-site work would be allowed to continue. Most recently, hires have picked up slightly.

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

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

Continued from page 4

The number and rate of 'hirings' in the construction sector, however, at least as measured by the JOLTS survey and set out in Graph 6, have been slower to materialize. 'Hires' plunged at the onset of the coronavirus crisis, then rebounded way past a counterbalancing amplitude. They have since tailed off to a considerable degree, although a noticeable ticking upwards has arisen of late.

Heavy Engineering Curve Appears to be Establishing a Floor

Most of the curves appearing on page 9 and highlighting 12-month moving average trend lines are still sloping downwards. But there are some positive developments to be gleaned, nonetheless.

'Roads/highways' and 'water/sewage' are managing to maintain fairly level paths. And 'hospitals/clinics' and 'miscellaneous civil' are giving early indications of perking up. Furthermore, total 'heavy engineering' appears close to establishing a 'floor'.

On Compensation Front, Construction Workers Smiling More Broadly

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.

From Graphs 7 and 8, 'all jobs' and construction worker compensation rates, year over year, flipped over in the latest month, with the latter advancing more rapidly than the former. 'All jobs' wages in the Spring of last year soared when multitudinous part-time and 'gig' workers were sideswiped and sidelined by the pandemic and, therefore, were dropped from the y/y compensation calculation. Now, 'all jobs' year-over-year pay-check increases are being held back by last year's heightened 'base' number.

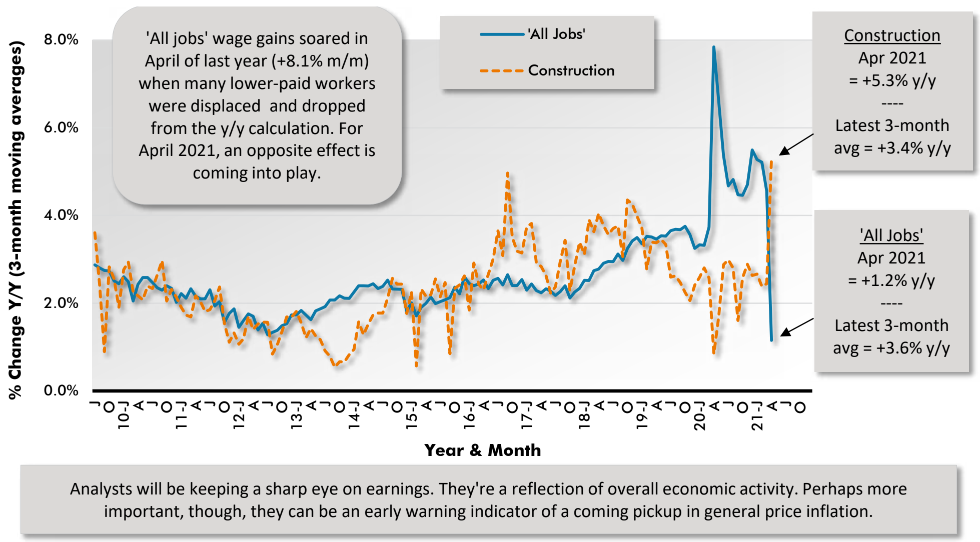
From Table B-3 (including bosses), 'all-jobs' earnings y/y in April 2021 were +0.3% hourly and +2.7% weekly. For construction workers, as a subset of 'all jobs', pay hikes were more rewarding, +3.8% hourly and +7.1% weekly. From Table B-8 (excluding supervisors), 'all jobs' compensation increases in the latest month were +1.2% hourly and +3.9% weekly. Construction workers, at +5.3% hourly and +9.4% weekly, were smiling more broadly.

Contractors Unable to Pass Along Spiking Expenses

April 2021's y/y results for three structures-related BLS Producer Price Index (PPI) series were as follows: 'construction materials special index', +23.8% (a further astonishing climb on the heels of March's +16.6%); 'inputs to new construction index, excluding capital investment, labor and imports', +18.8% (going a big step beyond March's +13.5%); and 'final demand construction', +2.1% (up from the previous month's +1.5%, but mild in the context). Material input

Continued on page 6

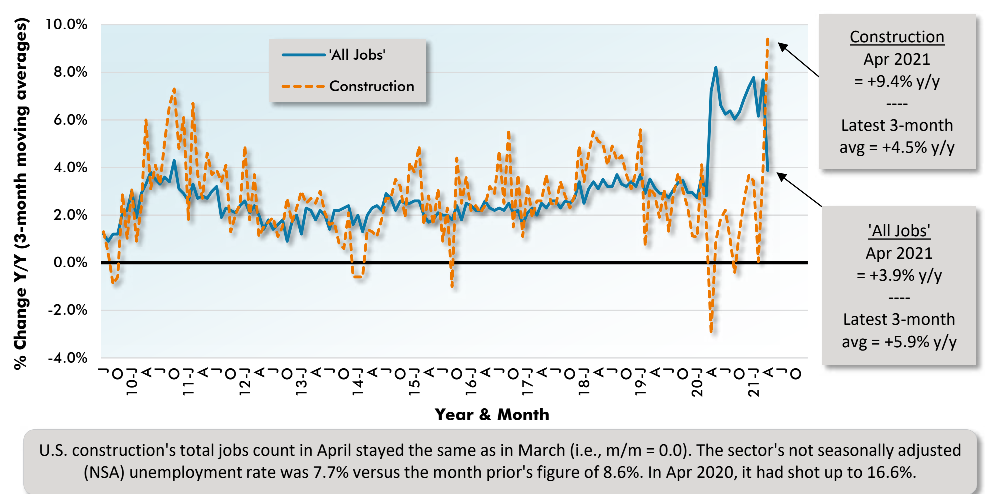
GRAPH 7: AVERAGE HOURLY EARNINGS Y/Y – 'ALL JOBS' & CONSTRUCTION



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

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

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



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

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

Continued from page 5

costs have been skyrocketing. Contractors, though, in a fiercely competitive marketplace, have not been able to pass along their spiking expenses.

There have been some extraordinary material cost increases year over year according to the latest Producer Price Index (PPI) series published by the BLS. Softwood lumber has more than doubled, +121.1%; asphalt is +64.3%; copper wire and cable, +30.9%; hot rolled steel bars, plates and structural shapes, +26.3%; aluminum sheet and strip, +25.3%; and gypsum products, +12.1%. Steepest of all has been the y/y rise in the cost of unleaded regular gasoline, +245.3%.

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.

April 2021's 'Grand Total' Starts -1.8% Ytd

From Table 10 on page 11 of this report, ConstructConnect's total residential starts in April were +17.4% m/m, +70.7% y/y and +21.6% ytd. The latest month's multi-unit starts were +18.8% m/m and +22.0% y/y, but -6.8% ytd. Single-family starts in the latest month were +17.1% m/m, +90.2% y/y and +33.8% ytd. Including home building with all nonresidential categories, ConstructConnect's 'Grand Total' starts in April 2021 were +4.8% m/m and +15.3% y/y, but -1.8% 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: RANKING OF TOP 20 STATES BY YTD $ VOLUME OF NONRESIDENTIAL CONSTRUCTION STARTS — ConstructConnect®

		Jan-Apr 2021	% Change vs Jan-Apr 2020
1	Texas	$13,571,433,140	-12.1%
2	California	$10,607,281,032	-17.9%
3	Florida	$6,608,099,683	-19.2%
4	New York	$5,352,236,026	-31.4%
5	Ohio	$5,325,883,141	52.2%
6	Tennessee	$4,345,758,627	39.7%
7	Minnesota	$4,202,542,020	63.8%
8	Georgia	$4,153,767,875	-9.8%
9	North Carolina	$3,830,769,211	15.5%
10	Illinois	$3,812,489,993	-34.1%
11	Pennsylvania	$3,605,709,126	-1.1%
12	Missouri	$3,125,482,753	-36.8%
13	Michigan	$3,074,315,508	22.2%
14	Virginia	$3,008,475,350	-27.8%
15	Washington	$2,544,264,168	-29.0%
16	Wisconsin	$2,373,345,822	-30.3%
17	Massachusetts	$2,259,468,853	-22.7%
18	Indiana	$2,237,718,258	-23.4%
19	Colorado	$2,112,107,203	-28.3%
20	Utah	$1,980,025,047	-34.4%

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

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

		Jan-Apr 2021	% Change vs Jan-Apr 2020
1	Texas	$7,732,071,040	-23.5%
2	California	$6,658,267,436	-5.6%
3	Florida	$4,141,272,576	-26.8%
4	Ohio	$3,646,140,943	90.3%
5	Tennessee	$3,639,850,552	54.0%
6	Georgia	$2,913,732,930	-6.5%
7	North Carolina	$2,804,298,266	11.9%
8	New York	$2,802,885,211	-48.8%
9	Pennsylvania	$2,370,383,418	31.8%
10	Virginia	$2,126,846,956	-25.9%
11	Illinois	$1,875,256,429	-46.9%
12	Missouri	$1,819,404,165	-52.4%
13	Massachusetts	$1,690,409,163	-23.3%
14	Washington	$1,589,257,439	-31.8%
15	Arizona	$1,530,721,611	-57.2%
16	Michigan	$1,359,361,654	-4.3%
17	Colorado	$1,274,421,336	-37.0%
18	Alabama	$1,223,114,161	-22.4%
19	South Carolina	$1,159,617,485	-12.7%
20	Utah	$1,126,397,402	-27.9%

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

		Jan-Apr 2021	% Change vs Jan-Apr 2020
1	Texas	$5,839,362,100	9.5%
2	California	$3,949,013,596	-32.6%
3	Minnesota	$3,462,192,353	146.3%
4	New York	$2,549,350,815	9.5%
5	Florida	$2,466,827,107	-2.2%
6	Illinois	$1,937,233,564	-13.9%
7	Michigan	$1,714,953,854	56.7%
8	Ohio	$1,679,742,198	6.1%
9	Maine	$1,445,957,584	249.7%
10	Wisconsin	$1,329,209,268	19.2%
11	Indiana	$1,309,011,903	-9.0%
12	Missouri	$1,306,078,588	16.7%
13	Georgia	$1,240,034,945	-16.6%
14	Pennsylvania	$1,235,325,708	-33.1%
15	North Carolina	$1,026,470,945	26.8%
16	Washington	$955,006,729	-23.8%
17	Iowa	$885,337,944	-17.8%
18	Virginia	$881,628,394	-32.0%
19	Utah	$853,627,645	-41.4%
20	Colorado	$837,685,867	-9.0%

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 — APRIL 2021
ARRANGED TO MATCH THE ALPHABETICAL CATEGORY DROP-DOWN MENUS IN INSIGHT

		Jan-Apr 2021 ($ billions)	% Change Jan-Apr 21 vs Jan-Apr 20	% Change Apr 21 vs Apr 20	% Change Apr 21 vs Mar 21
Summary					
CIVIL		48.922	-3.5%	2.5%	25.3%
NONRESIDENTIAL BUILDING		65.950	-24.6%	-25.5%	-23.4%
RESIDENTIAL		107.687	21.6%	70.7%	17.4%
GRAND TOTAL		222.560	-1.8%	15.3%	4.8%
Verticals					
	Airport	0.929	-24.9%	37.6%	106.4%
	All Other Civil	6.037	8.0%	41.4%	29.1%
	Bridges	6.914	-21.6%	10.4%	14.6%
	Dams / Canals / Marine Work	1.982	-23.9%	-20.8%	4.5%
	Power Infrastructure	3.078	130.5%	207.7%	203.8%
	Roads	19.603	-5.8%	-8.0%	29.6%
	Water and Sewage Treatment	10.380	1.0%	-12.8%	-6.8%
CIVIL		48.922	-3.5%	2.5%	25.3%
	Offices (private)	4.408	-53.7%	-45.8%	7.1%
	Parking Garages	0.695	4.7%	-2.1%	-54.0%
	Transportation Terminals	0.468	-38.3%	156.6%	579.1%
Commercial (small subset)		5.571	-49.1%	-33.2%	20.4%
	Amusement	1.886	-25.9%	-43.9%	-40.9%
	Libraries / Museums	0.609	-69.0%	-60.4%	-46.6%
	Religious	0.332	-44.4%	68.3%	3.7%
	Sports Arenas / Convention Centers	1.343	-28.3%	-35.6%	-59.5%
Community		4.169	-40.3%	-38.9%	-46.7%
	College / University	3.796	-32.7%	-25.3%	4.3%
	Elementary / Pre School	5.239	-17.8%	0.9%	40.7%
	Jr / Sr High School	8.188	-17.0%	-16.3%	37.1%
	Special / Vocational	0.388	-31.2%	-52.0%	-23.8%
Educational		17.611	-21.5%	-13.9%	30.3%
	Courthouses	0.786	2.3%	123.5%	17.9%
	Fire and Police Stations	1.135	1.4%	42.8%	-9.5%
	Government Offices	3.013	-10.8%	-7.2%	0.7%
	Prisons	0.614	-2.6%	-13.3%	114.8%
Government		5.549	-5.9%	4.0%	8.4%
	Industrial Labs / Labs / School Labs	0.459	-46.2%	11.1%	-55.7%
	Manufacturing	5.761	-12.6%	-53.8%	-73.3%
	Warehouses	6.953	-21.5%	-11.5%	1.1%
Industrial		13.174	-19.2%	-27.2%	-40.9%
	Hospitals / Clinics	6.247	49.7%	-35.9%	-85.6%
	Medical Misc.	1.877	-33.6%	-0.2%	34.5%
	Nursing Homes	1.507	-43.3%	-26.6%	4.3%
Medical		9.630	-0.3%	-23.1%	-65.6%
Military		2.754	-19.9%	-83.7%	-70.9%
	Hotels	1.981	-64.2%	-37.8%	10.6%
	Retail Misc.	1.820	-5.1%	19.1%	11.5%
	Shopping	3.691	-15.1%	7.7%	9.4%
Retail		7.492	-36.5%	-9.0%	10.2%
NONRESIDENTIAL BUILDING		65.950	-24.6%	-25.5%	-23.4%
	Multi-Family	24.717	-6.8%	22.0%	18.8%
	Single-Family	82.970	33.8%	90.2%	17.1%
RESIDENTIAL		107.687	21.6%	70.7%	17.4%
NONRESIDENTIAL		114.873	-16.8%	-14.3%	-5.9%
GRAND TOTAL		222.560	-1.8%	15.3%	4.8%

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 APRIL 2021

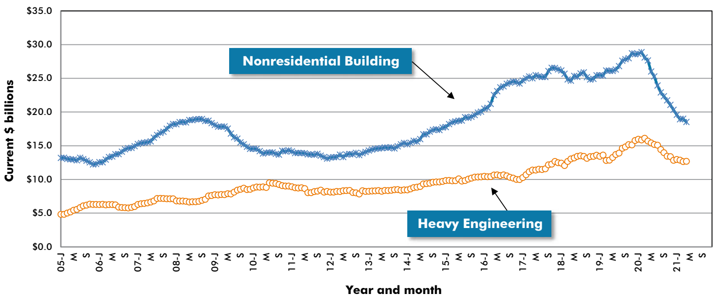
LOCATION (EAST TO WEST)	TYPE OF CONSTRUCTION	DESCRIPTION	SQUARE FEET 000S*	DOLLARS 000,000S
Massachusetts				
Lowell	Institiutional	Lowell High School (3 structures; 5 stories) French St & Kirk St City of Lowell	623	$270
New York				
East Rockaway	Civil/Engineering	Bay Park Conveyance Project (2 structures) 198 1st Ave NYS Department of Environmental Conservation	*	$439
New York	Residential	East 47th Street Mixed Use (2 structures; 35 stories; 200 units) 131 E 47th St Silverback Development	183	$250
Georgia				
West Point	Industrial	Kia Hyundai TRANSYS (1 structure; 1 story) 7777 Kia Pkwy Hyundai Transys Powertrain	620	$240
Missouri				
Rock Port	Civil/Engineering	Ameren Atchinson County Wind Generation (2 structures) Atchison County EDF Renewables	*	$500
Texas				
Ozona	Civil/Engineering	White Mesa Wind Project (1 structure) US Hwy 190 & TX-137 NextEra Energy Resources LLC / NextEra Energy Inc.	*	$458
Utah				
Clearfield	Civil/Engineering	RFP - D/B West Davis Highway New Capacity (2 structures) Davis County Utah Department of Transportation (UDOT)	*	$475
Arizona				
Mesa	Commercial	RagingWire Data Center / Mesa (1 structure; 2 stories) 10302 E Elliot Rd RagingWire Data Centers	1,500	$350
Washington				
Arlington	Industrial	Amazon Distribution Center - "Project Roxy" (1 structure; 5 stories) 16900 51st Ave NE Panattoni Development Company - Seattle	2,800	$355
California				
Los Angeles	Residential	West L.A. Veterans Campus Redevelopment (3 structures; 1200 units) 1131 Wilshire Blvd Thomas Safran & Associates	3,254	$450
TOTALS:			**8,980**	**$3,787**

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

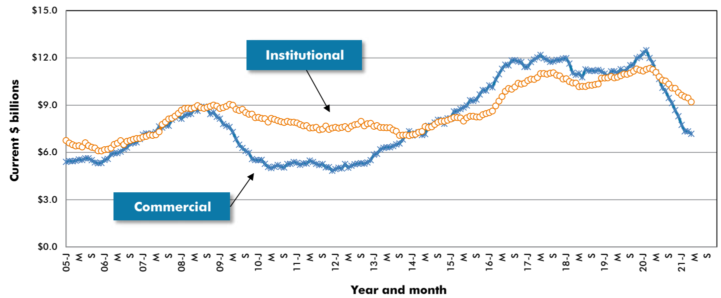
Source: ConstructConnect/Table: ConstructConnect.

Trend graphs for 12 key categories

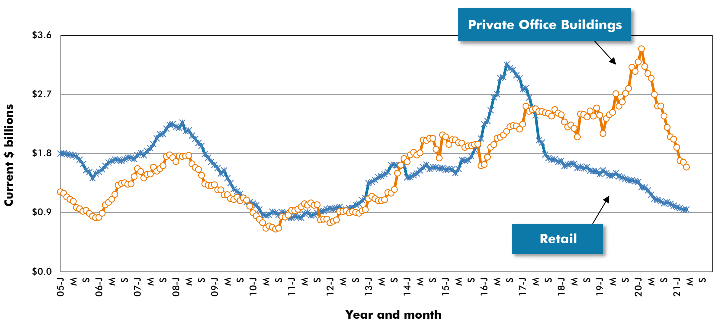
GRAPH 9: U.S. NONRESIDENTIAL CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



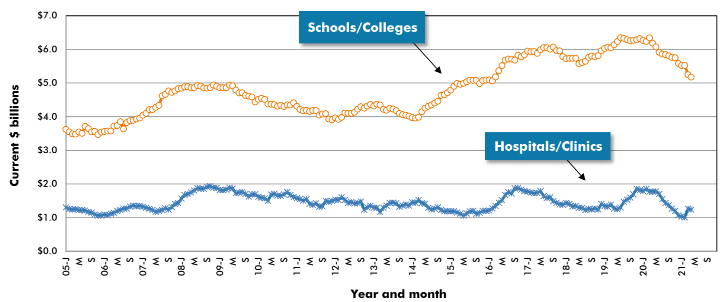
GRAPH 10: U.S. COMMERCIAL AND INSTITUTIONAL CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



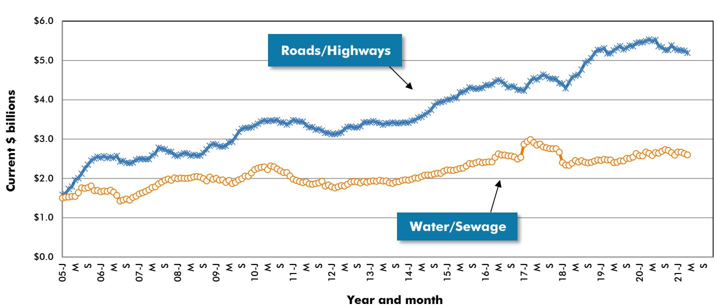
GRAPH 11: U.S. RETAIL AND PRIVATE OFFICE BUILDING CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



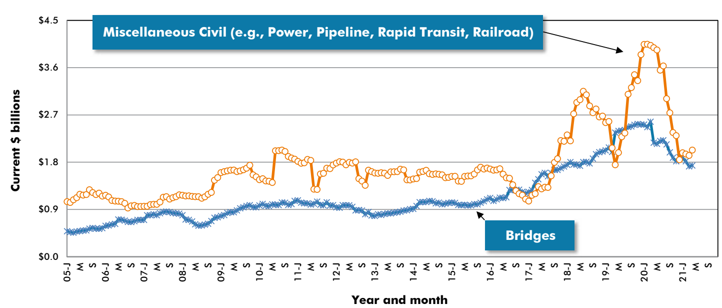
GRAPH 12: U.S. HOSPITAL/CLINIC AND SCHOOL/COLLEGE CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



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 April, 2021.

Source: ConstructConnect/Charts: ConstructConnect.

Regional starts table

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

	Jan-Apr 2020	Jan-Apr 2021	% Change
Connecticut	$931,575,311	$802,719,519	-13.8%
Maine	$570,542,697	$1,730,476,005	203.3%
Massachusetts	$2,924,606,923	$2,259,468,853	-22.7%
New Hampshire	$319,583,127	$269,024,166	-15.8%
Rhode Island	$256,355,464	$458,177,123	78.7%
Vermont	$237,892,728	$116,726,526	-50.9%
Total New England	$5,240,556,250	$5,636,592,192	7.6%
New Jersey	$2,654,593,010	$1,550,597,201	-41.6%
New York	$7,805,479,952	$5,352,236,026	-31.4%
Pennsylvania	$3,646,401,227	$3,605,709,126	-1.1%
Total Middle Atlantic	$14,106,474,189	$10,508,542,353	-25.5%
TOTAL NORTHEAST	$19,347,030,439	$16,145,134,545	-16.5%
Illinois	$5,781,899,902	$3,812,489,993	-34.1%
Indiana	$2,922,700,127	$2,237,718,258	-23.4%
Michigan	$2,515,384,243	$3,074,315,508	22.2%
Ohio	$3,499,024,509	$5,325,883,141	52.2%
Wisconsin	$3,406,386,529	$2,373,345,822	-30.3%
Total East North Central	$18,125,395,310	$16,823,752,722	-7.2%
Iowa	$2,091,209,377	$1,546,614,662	-26.0%
Kansas	$1,405,721,769	$1,119,631,486	-20.4%
Minnesota	$2,565,729,636	$4,202,542,020	63.8%
Missouri	$4,944,932,414	$3,125,482,753	-36.8%
Nebraska	$2,089,653,084	$1,238,358,778	-40.7%
North Dakota	$475,739,815	$670,464,889	40.9%
South Dakota	$456,629,982	$566,356,021	24.0%
Total West North Central	$14,029,616,077	$12,469,450,609	-11.1%
TOTAL MIDWEST	$32,155,011,387	$29,293,203,331	-8.9%
Delaware	$672,218,235	$391,341,658	-41.8%
District of Columbia	$298,689,291	$387,128,965	29.6%
Florida	$8,180,379,762	$6,608,099,683	-19.2%
Georgia	$4,604,026,718	$4,153,767,875	-9.8%
Maryland	$2,829,505,751	$959,328,568	-66.1%
North Carolina	$3,316,851,990	$3,830,769,211	15.5%
South Carolina	$1,961,572,463	$1,746,570,623	-11.0%
Virginia	$4,166,415,003	$3,008,475,350	-27.8%
West Virginia	$1,157,643,675	$345,602,707	-70.1%
Total South Atlantic	$27,187,302,888	$21,431,084,640	-21.2%
Alabama	$2,114,016,042	$1,776,149,095	-16.0%
Kentucky	$1,173,485,486	$1,009,615,398	-14.0%
Mississippi	$1,187,723,471	$536,238,172	-54.9%
Tennessee	$3,109,691,421	$4,345,758,627	39.7%
Total East South Central	$7,584,916,420	$7,667,761,292	1.1%
Arkansas	$1,708,411,705	$660,735,286	-61.3%
Louisiana	$1,685,270,377	$1,259,665,098	-25.3%
Oklahoma	$1,317,250,450	$1,206,790,015	-8.4%
Texas	$15,438,331,632	$13,571,433,140	-12.1%
Total West South Central	$20,149,264,164	$16,698,623,539	-17.1%
TOTAL SOUTH	$54,921,483,472	$45,797,469,471	-16.6%
Arizona	$4,084,815,746	$1,859,229,363	-54.5%
Colorado	$2,944,832,758	$2,112,107,203	-28.3%
Idaho	$500,576,922	$292,590,221	-41.5%
Montana	$465,227,350	$272,011,739	-41.5%
Nevada	$1,541,195,123	$898,081,553	-41.7%
New Mexico	$580,761,845	$706,166,010	21.6%
Utah	$3,020,289,705	$1,980,025,047	-34.4%
Wyoming	$332,559,518	$252,527,560	-24.1%
Total Mountain	$13,470,258,967	$8,372,738,696	-37.8%
Alaska	$289,189,539	$323,517,627	11.9%
California	$12,913,874,613	$10,607,281,032	-17.9%
Hawaii	$302,995,265	$471,922,039	55.8%
Oregon	$1,152,699,863	$1,317,327,214	14.3%
Washington	$3,583,131,016	$2,544,264,168	-29.0%
Total Pacific	$18,241,890,296	$15,264,312,080	-16.3%
TOTAL WEST	$31,712,149,263	$23,637,050,776	-25.5%
TOTAL U.S.	$138,135,674,561	$114,872,858,123	-16.8%

*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 — APRIL 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.	
	Feb 21	Mar 21	Apr 21	Feb 21	Mar 21	Apr 21	Feb 21	Mar 21	Apr 21	Jan-Apr 2020	Jan-Apr 2021
Single Family	16.526	22.671	26.543	17.873	18.809	21.913	18.468	18.979	20.028	62.024	82.970
month-over-month % change	-4.1%	37.2%	17.1%	-5.0%	5.2%	16.5%	0.1%	2.8%	5.5%		
year-over-year % change	1.2%	37.0%	90.2%	13.9%	17.4%	40.4%	9.5%	12.2%	21.0%	-0.1%	33.8%
Apartment	7.488	5.751	6.830	5.681	5.962	6.690	6.365	6.259	6.362	26.519	24.717
month-over-month % change	61.1%	-23.2%	18.8%	7.0%	4.9%	12.2%	1.3%	-1.7%	1.6%		
year-over-year % change	15.4%	-18.1%	22.0%	-24.5%	-14.5%	5.0%	-22.3%	-23.1%	-19.8%	-12.8%	-6.8%
TOTAL RESIDENTIAL	24.014	28.423	33.373	23.554	24.771	28.603	24.834	25.238	26.390	88.544	107.687
month-over-month % change	9.8%	18.4%	17.4%	-2.4%	5.2%	15.5%	0.4%	1.6%	4.6%		
year-over-year % change	5.3%	20.6%	70.7%	1.4%	7.7%	30.1%	-0.9%	0.8%	7.8%	-4.3%	21.6%
Hotel/Motel	0.325	0.554	0.613	0.354	0.456	0.497	0.621	0.583	0.552	5.530	1.981
month-over-month % change	-33.7%	70.6%	10.6%	-39.3%	29.0%	9.0%	-18.4%	-6.1%	-5.3%		
year-over-year % change	-83.8%	-45.1%	-37.8%	-81.0%	-69.9%	-62.8%	-68.6%	-68.1%	-68.4%	-31.5%	-64.2%
Retail/Shopping	0.722	0.994	1.088	0.742	0.868	0.935	0.966	0.941	0.947	4.349	3.691
month-over-month % change	-18.5%	37.7%	9.4%	-8.5%	17.0%	7.7%	-1.1%	-2.5%	0.7%		
year-over-year % change	-14.9%	-22.9%	7.7%	-25.5%	-22.0%	-10.9%	-24.9%	-26.4%	-23.3%	-28.0%	-15.1%
Parking Garages	0.241	0.155	0.071	0.183	0.208	0.156	0.147	0.148	0.148	0.664	0.695
month-over-month % change	5.2%	-35.7%	-54.0%	37.7%	13.7%	-25.2%	10.4%	0.7%	-0.1%		
year-over-year % change	223.7%	9.2%	-2.1%	-4.5%	5.6%	61.6%	-44.8%	-40.2%	-34.9%	-39.7%	4.7%
Amusement	0.466	0.631	0.373	0.433	0.504	0.490	0.494	0.495	0.471	2.546	1.886
month-over-month % change	12.0%	35.4%	-40.9%	8.9%	16.5%	-2.8%	-1.1%	0.3%	-4.9%		
year-over-year % change	-12.6%	3.1%	-43.9%	-32.1%	-19.6%	-18.8%	-24.8%	-24.8%	-29.0%	16.5%	-25.9%
Office	1.029	0.980	1.050	1.307	1.119	1.020	1.690	1.666	1.592	9.512	4.408
month-over-month % change	-23.6%	-4.7%	7.1%	-39.4%	-14.4%	-8.9%	-10.7%	-1.4%	-4.4%		
year-over-year % change	-70.2%	-23.0%	-45.8%	-52.6%	-55.7%	-54.0%	-50.2%	-46.7%	-47.2%	-4.0%	-53.7%
Governmental Offices	0.713	0.821	0.827	0.705	0.729	0.787	0.881	0.872	0.867	3.379	3.013
month-over-month % change	9.2%	15.2%	0.7%	-2.7%	3.4%	7.9%	-0.7%	-1.0%	-0.6%		
year-over-year % change	-9.3%	-10.9%	-7.2%	-9.1%	-12.1%	-9.2%	-11.5%	-14.1%	-14.2%	12.6%	-10.8%
Laboratories	0.113	0.184	0.082	0.143	0.126	0.126	0.159	0.158	0.159	0.854	0.459
month-over-month % change	39.2%	63.0%	-55.7%	-6.8%	-12.2%	0.1%	-1.8%	-0.1%	0.4%		
year-over-year % change	-23.6%	-0.7%	11.1%	-52.4%	-51.6%	-6.9%	-30.6%	-29.4%	-25.7%	22.1%	-46.2%
Warehouse	1.266	2.285	2.311	1.157	1.547	1.954	1.898	1.967	1.942	8.857	6.953
month-over-month % change	16.1%	80.5%	1.1%	-23.4%	33.8%	26.3%	-0.7%	3.7%	-1.3%		
year-over-year % change	-10.6%	57.5%	-11.5%	-49.8%	-25.7%	7.0%	-7.5%	-4.2%	-3.8%	23.0%	-21.5%
Misc Commercial	0.149	0.784	0.598	0.194	0.405	0.510	0.490	0.501	0.502	2.632	1.811
month-over-month % change	-47.2%	427.4%	-23.8%	-30.8%	108.7%	26.1%	-7.3%	2.3%	0.3%		
year-over-year % change	-75.7%	21.1%	2.7%	-74.5%	-40.8%	-16.8%	-69.9%	-67.9%	-67.5%	-43.5%	-31.2%
TOTAL COMMERCIAL	5.023	7.389	7.012	5.217	5.962	6.475	7.344	7.332	7.181	38.324	24.898
month-over-month % change	-8.2%	47.1%	-5.1%	-22.7%	14.3%	8.6%	-5.2%	-0.2%	-2.1%		
year-over-year % change	-49.1%	-1.9%	-20.6%	-50.7%	-39.4%	-25.9%	-41.2%	-38.9%	-38.5%	-10.6%	-35.0%
TOTAL INDUSTRIAL (Manufacturing)	0.508	2.869	0.765	0.886	1.666	1.381	1.585	1.751	1.677	6.592	5.761
month-over-month % change	-68.6%	464.5%	-73.3%	-12.1%	87.9%	-17.1%	-9.8%	10.4%	-4.2%		
year-over-year % change	-80.3%	224.6%	-53.8%	-53.2%	1.2%	-19.0%	-64.7%	-57.4%	-58.9%	-50.8%	-12.6%
Religious	0.051	0.116	0.120	0.095	0.071	0.096	0.123	0.110	0.114	0.597	0.332
month-over-month % change	15.0%	126.4%	3.7%	-25.1%	-26.0%	35.8%	-4.0%	-10.8%	3.7%		
year-over-year % change	-54.6%	-57.8%	68.3%	-21.4%	-59.8%	-37.4%	-19.4%	-32.4%	-27.0%	-2.6%	-44.4%
Hosptials/Clinics	1.162	3.769	0.541	0.866	1.902	1.824	1.008	1.270	1.244	4.172	6.247
month-over-month % change	50.2%	224.2%	-85.6%	-18.3%	119.7%	-4.1%	-2.5%	25.9%	-2.0%		
year-over-year % change	-21.2%	495.0%	-35.9%	-46.9%	71.5%	85.3%	-45.6%	-28.4%	-29.9%	-10.2%	49.7%
Nursing/Assisted Living	0.122	0.468	0.488	0.362	0.340	0.359	0.533	0.520	0.506	2.656	1.507
month-over-month % change	-71.6%	283.8%	4.3%	-29.7%	-6.1%	5.8%	-7.0%	-2.4%	-2.8%		
year-over-year % change	-79.7%	-24.7%	-26.6%	-40.6%	-48.8%	-42.9%	-29.3%	-27.6%	-28.0%	-30.6%	-43.3%
Libraries/Museums	0.104	0.203	0.108	0.141	0.167	0.138	0.216	0.213	0.199	1.965	0.609
month-over-month % change	-46.5%	95.5%	-46.6%	-25.1%	17.9%	-17.1%	-19.4%	-1.6%	-6.5%		
year-over-year % change	-85.7%	-17.0%	-60.4%	-74.4%	-70.4%	-66.7%	-50.0%	-49.6%	-52.4%	94.5%	-69.0%
Fire/Police/Courthouse/Prison	0.497	0.498	0.603	0.718	0.644	0.533	0.677	0.664	0.674	2.518	2.535
month-over-month % change	-47.0%	0.4%	21.1%	-20.7%	-10.4%	-17.3%	0.7%	-2.0%	1.5%		
year-over-year % change	12.1%	-24.4%	24.7%	14.4%	-5.0%	0.8%	8.6%	4.1%	6.4%	35.4%	0.7%
Military	0.408	1.092	0.318	0.578	0.812	0.606	0.799	0.846	0.709	3.437	2.754
month-over-month % change	-56.5%	167.9%	-70.9%	-27.4%	40.5%	-25.4%	1.1%	5.8%	-16.1%		
year-over-year % change	34.1%	103.5%	-83.7%	47.6%	64.4%	-35.0%	73.0%	79.5%	15.3%	210.5%	-19.9%
Schools/Colleges	4.054	4.123	5.374	3.793	4.079	4.517	5.524	5.250	5.178	22.444	17.611
month-over-month % change	-0.1%	1.7%	30.3%	-2.4%	7.5%	10.7%	0.0%	-4.9%	-1.4%		
year-over-year % change	0.4%	-44.3%	-13.9%	-19.5%	-24.5%	-23.3%	-11.5%	-17.2%	-16.3%	-6.9%	-21.5%
Misc Medical	0.492	0.429	0.577	0.548	0.433	0.500	0.646	0.583	0.583	2.826	1.877
month-over-month % change	30.3%	-12.8%	34.5%	-7.6%	-21.0%	15.3%	0.3%	-9.8%	0.0%		
year-over-year % change	4.3%	-63.9%	-0.2%	-12.5%	-42.2%	-33.1%	-14.6%	-27.6%	-24.7%	-1.8%	-33.6%
TOTAL INSTITUTIONAL	6.890	10.698	8.130	7.101	8.447	8.573	9.527	9.456	9.207	40.616	33.471
month-over-month % change	-11.1%	55.3%	-24.0%	-12.0%	18.9%	1.5%	-1.1%	-0.8%	-2.6%		
year-over-year % change	-15.7%	-7.4%	-26.8%	-23.4%	-14.1%	-16.6%	-15.5%	-16.6%	-18.2%	1.4%	-17.6%
Misc Non Residential	0.476	0.440	0.491	0.447	0.443	0.469	0.460	0.454	0.460	1.918	1.820
month-over-month % change	15.5%	-7.6%	11.5%	0.6%	-1.0%	5.9%	0.9%	-1.3%	1.4%		
year-over-year % change	11.2%	-14.4%	19.1%	-6.7%	-11.7%	3.9%	-27.7%	-28.3%	-24.6%	-14.9%	-5.1%
TOTAL NON-RES BUILDING	12.898	21.396	16.398	13.653	16.518	16.897	18.916	18.992	18.525	87.451	65.950
month-over-month % change	-15.5%	65.9%	-23.4%	-16.1%	21.0%	2.3%	-3.5%	0.4%	-2.5%		
year-over-year % change	-38.7%	4.4%	-25.5%	-38.6%	-24.3%	-20.2%	-34.5%	-32.3%	-33.0%	-11.3%	-24.6%
Airports	0.176	0.203	0.420	0.156	0.170	0.266	0.500	0.469	0.478	1.236	0.929
month-over-month % change	36.4%	15.2%	106.4%	-50.7%	9.0%	57.0%	-0.3%	-6.3%	2.0%		
year-over-year % change	-10.5%	-64.9%	37.6%	-40.8%	-45.3%	-26.0%	-8.3%	-17.4%	-12.7%	-39.9%	-24.9%
Roads/Highways	3.565	5.436	7.045	3.480	4.186	5.349	5.258	5.247	5.195	20.819	19.603
month-over-month % change	0.3%	52.5%	29.6%	-14.7%	20.3%	27.8%	-0.1%	-0.2%	-1.0%		
year-over-year % change	-2.2%	-2.5%	-8.0%	-12.8%	-4.6%	-4.9%	-3.8%	-4.5%	-6.2%	5.7%	-5.8%
Bridges	1.102	1.736	1.989	1.921	1.642	1.609	1.816	1.720	1.736	8.821	6.914
month-over-month % change	-47.2%	57.4%	14.6%	0.3%	-14.5%	-2.0%	-3.5%	-5.3%	0.9%		
year-over-year % change	-41.9%	-39.9%	10.4%	0.0%	-29.8%	-26.7%	-26.4%	-33.1%	-20.0%	-32.0%	-21.6%
Dams/Marine	0.411	0.546	0.570	0.422	0.471	0.509	0.658	0.651	0.638	2.604	1.982
month-over-month % change	-9.9%	32.9%	4.5%	-20.9%	11.6%	8.1%	1.4%	-1.0%	-1.9%		
year-over-year % change	36.8%	-13.0%	-20.8%	-23.6%	-25.1%	-7.3%	-13.2%	-17.4%	-21.8%	92.9%	-23.9%
Water/Sewage	2.001	2.776	2.588	2.469	2.598	2.455	2.669	2.634	2.603	10.282	10.380
month-over-month % change	-33.7%	38.7%	-6.8%	1.8%	5.2%	-5.5%	-0.2%	-1.3%	-1.2%		
year-over-year % change	-2.6%	-13.0%	-12.8%	1.5%	6.5%	-10.3%	3.6%	-1.5%	-1.5%	0.8%	1.0%
Misc Civil (Power, etc.)	0.687	1.326	2.448	2.220	2.222	1.487	1.955	1.928	2.029	6.923	9.115
month-over-month % change	-85.2%	93.1%	84.6%	-9.3%	0.1%	-33.1%	-1.2%	-1.4%	5.2%		
year-over-year % change	-30.0%	-19.4%	97.1%	-38.7%	17.3%	15.3%	-51.7%	-52.1%	-49.0%	29.3%	31.6%
TOTAL ENGINEERING (Civil)	7.942	12.023	15.060	10.668	11.288	11.675	12.856	12.649	12.679	50.685	48.922
month-over-month % change	-42.9%	51.4%	25.3%	-9.0%	5.8%	3.4%	-0.7%	-1.6%	0.2%		
year-over-year % change	-12.5%	-17.1%	2.5%	-16.5%	-5.9%	-8.5%	-18.9%	-21.5%	-19.2%	-1.8%	-3.5%
GRAND TOTAL	44.854	61.842	64.831	47.875	52.577	57.176	56.606	56.880	57.594	226.679	222.560
month-over-month % change	-12.1%	37.9%	4.8%	-8.2%	9.8%	8.7%	-1.2%	0.5%	1.3%		
year-over-year % change	-15.3%	5.6%	15.3%	-17.8%	-7.5%	2.2%	-18.9%	-17.8%	-15.1%	-6.6%	-1.8%
NON-RES BLDG + ENGINEERING	***20.840***	***33.419***	***31.458***	***24.321***	***27.805***	***28.572***	***31.772***	***31.641***	***31.204***	***138.136***	***114.873***
month-over-month % change	***-28.5%***	***60.4%***	***-5.9%***	***-13.1%***	***14.3%***	***2.8%***	***-2.4%***	***-0.4%***	***-1.4%***		
year-over-year % change	***-30.8%***	***-4.5%***	***-14.3%***	***-30.5%***	***-17.8%***	***-15.8%***	***-29.0%***	***-28.4%***	***-28.0%***	***-8.0%***	***-16.8%***

Source: ConstructConnect/Table: ConstructConnect.