JULY 2021 (based on June 2021 Starts Stats)

Construction Industry Snapshot

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June's Nonresidential Construction Starts +14% M/M, But -11% YTD

ConstructConnect announced today that June 2021's volume of construction starts, excluding residential work, was $38.4 billion, an increase of +14.4% vs May 2021's $33.6 billion.

Year-to-date nonresidential starts have been -10.9% compared with Jan-Jun, 2020. However, year-to-date GRAND TOTAL starts, which include residential activity, have been ahead slightly, +2.1%.

	Commercial	Retail	Private Office	Hotel & Motel	Industrial	Institutional	Schools	Hospitals & Clinics	Heavy Engineering	Total Non-Residential
Jun 2021 vs May 2021	+30%	+25%	-10%	-1%	-60%	+47%	+21%	+279%	-1%	+14%
Jan-Jun 2021 vs Jan-Jun 2020	-21%	+6%	-46%	-52%	-10%	-11%	-18%	+45%	-5%	-11%
Jan-Jun 2020 vs Jan-Jun 2019	-24%	-34%	-25%	-45%	-63%	-7%	-11%	-17%	-8%	-18%

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June's Nonresidential Construction Starts +14% M/M, But -11% YTD

A Compelling Mega Project Story

ConstructConnect announced today that June 2021's volume of construction starts, excluding residential work, was $38.4 billion (green shaded box, Table 10, page 11), an increase of +14.4% vs May 2021's $33.6 billion (originally reported as $32.5 billion).

Compared with June 2020, the latest month's dollar volume of total nonresidential starts was -4.3%. On a year-to-date basis (i.e., Jan-Jun 2021/Jan-Jun 2020), total nonresidential starts have been -10.9%.

June 2021 compared with June 2020 serves up an interesting story concerning mega projects and other large project initiations. A 'mega' project is defined as carrying an estimated value of a billion dollars or more and/or occupying a million square feet or more.

Among June 2021 groundbreakings, Pittsburgh's International Airport Terminal modernization has an estimated value of $1.4 billion. But there are also two big hospital projects, in New Jersey and Michigan, that when added together, exceed a billion dollars. And there are two Amazon fulfillment projects, both in Louisiana (Baton Rouge and Shreveport), of less than a billion dollars each, but which account for more than three million square feet each.

In June 2020, there was one project of more than a billion dollars, light rail rapid transit work in Seattle (Federal Way link), but — and here's where the tale becomes really interesting — similar to June 2021, there were two other Amazon distribution center projects, in New York and Texas, of over three million square feet each.

The extent to which Amazon has been able to maintain its expansion program, even during the worst of the pandemic, plus the support the company has provided the construction industry, have been remarkable.

Residential Starts Have Walked a Sunnier Path

Residential starts have, for the most part, been performing considerably better than nonresidential starts. While residential starts in June 2021 were flat month to month, -0.1%, they were +12.5% year over year (Jun 2021/Jun 2020) and +22.7% year to date (Jan-Jun 2021/Jan-Jun 2020).

Therefore, 'grand total' starts (i.e., residential plus nonresidential) in June 2021 were modestly upbeat, +7.6% m/m; +2.4% y/y; and +2.1% ytd.

Highly Unusual 50-50 Split in Res vs Nonres PIP Stats

'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%). <u>Presently, though, according to the Census Bureau's May 2021 not-seasonally-adjusted (NSA) PIP numbers for total U.S., the year-to-date mix has shifted dramatically. The residential to nonresidential relationship has become approximately half and half (i.e., 49.5%-to-50.5% respectively)</u>. The Census Bureau's May 2021 NSA ytd PIP results are +4.6% for total; +23.4%, residential; and -8.6%, nonresidential (i.e., nonresidential buildings plus engineering).

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

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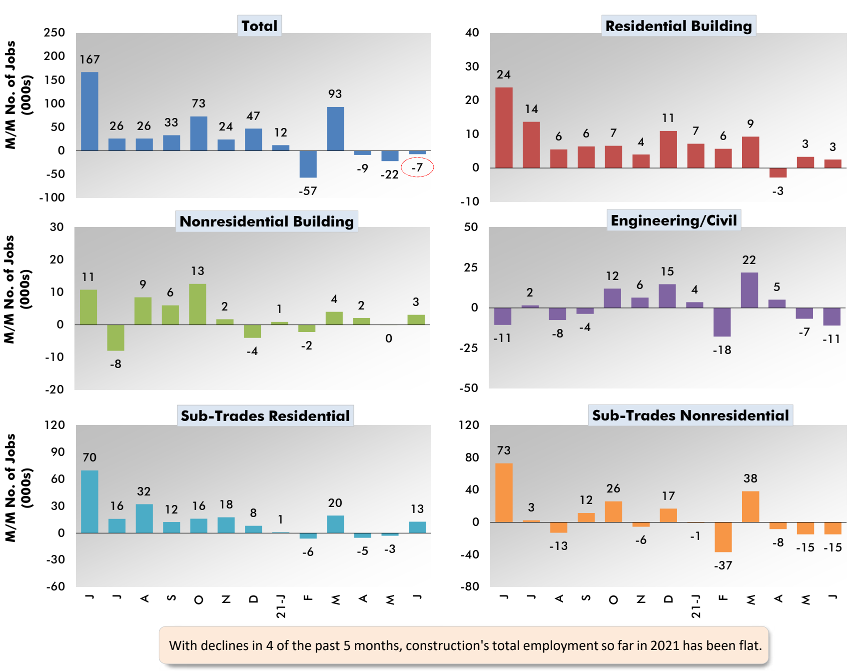
TABLE 1: VALUE OF UNITED STATES NONRESIDENTIAL CONSTRUCTION STARTS — JUNE 2021 (ConstructConnect®)

	Jan-Jun 2021 ($ billions)	% Change Jan-Jun 21 vs Jan-Jun 20	% Change Jun 21 vs Jun 20	% Change Jun 21 vs May 21
Hotel/Motel	3.068	-52.3%	-0.8%	-1.2%
Retail/Shopping	6.646	6.1%	44.4%	25.0%
Parking Garage	0.919	-7.4%	-8.4%	-6.4%
Amusement	2.947	-15.3%	3.9%	10.6%
Private Office	6.652	-46.0%	-55.7%	-10.1%
Government Office	4.967	-0.4%	-15.4%	-21.3%
Laboratory	0.798	-30.9%	-20.5%	74.8%
Warehouse	11.458	-17.9%	-41.1%	-2.6%
Miscellaneous Commercial *	4.614	25.6%	312.4%	472.6%
COMMERCIAL (big subset)	**42.068**	**-21.0%**	**-1.5%**	**30.4%**
INDUSTRIAL (Manufacturing)	**9.042**	**-9.7%**	**-5.1%**	**-60.0%**
Religious	0.510	-39.6%	-31.3%	2.1%
Hospital/Clinic	9.201	44.6%	91.0%	278.7%
Nursing/Assisted Living	2.973	-20.7%	30.8%	68.0%
Library/Museum	1.229	-53.3%	-28.7%	-23.1%
Fire/Police/Courthouse/Prison	3.793	10.4%	72.3%	85.2%
Military	4.620	0.7%	113.0%	86.8%
School/College	32.325	-17.9%	-21.1%	21.3%
Miscellaneous Medical	3.041	-26.6%	47.4%	63.5%
INSTITUTIONAL	**57.693**	**-11.4%**	**2.3%**	**47.1%**
Miscellaneous Non-residential	2.970	3.3%	-20.3%	-32.2%
NONRESIDENTIAL BUILDING	**111.773**	**-14.8%**	**0.2%**	**27.3%**
Airport	2.463	-7.8%	-14.3%	1.7%
Road/Highway	34.101	-1.8%	-3.5%	-10.3%
Bridge	10.324	-25.0%	-40.4%	6.1%
Dam/Marine	3.132	-24.4%	-1.3%	35.9%
Water/Sewage	17.525	9.8%	-0.2%	-7.8%
Miscellaneous Civil (power, pipelines, etc.)	12.443	-2.3%	-9.1%	58.6%
HEAVY ENGINEERING (Civil)	**79.987**	**-4.8%**	**-10.3%**	**-0.7%**
TOTAL NONRESIDENTIAL	**191.760**	**-10.9%**	**-4.3%**	**14.4%**

* 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 – JUNE 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

types of structure for U.S. states, cities and counties, 'actuals' and forecasts. ConstructConnect's PIP numbers are being released quarterly and are featured in a separate reporting system.

Construction Employment Retreats in 4 of Last 5 Months

Total employment in U.S. construction has declined in four of the past five months (see Graph 1). March 2021 recorded a nice increase, +93,000 jobs, but the decrease in the other four months, February to June inclusive, has totaled -95,000 jobs, yielding a net result near zero.

Construction's year-over-year jobs gain has been +3.3%, slower that for 'all jobs' in the economy, +5.7%. The 'all jobs' figure has received a boost from the notable recovery in 'leisure and hospitality' employment (i.e., jobs with motels/hotels and in bars and restaurants) of +21.2% y/y. This is where the floor fell out on employment when coronavirus infections first reared up and 'stay-at-home' directives were issues as the remedial response.

The not seasonally adjusted (NSA) construction unemployment rate in June 2021 was 7.5%, up a little from May 2021's 6.7%, but better than June 2020's 10.1%. 'Leisure and hospitality's' current NSA unemployment rate, at 10.3%, remains worse than for construction, but consider that a year

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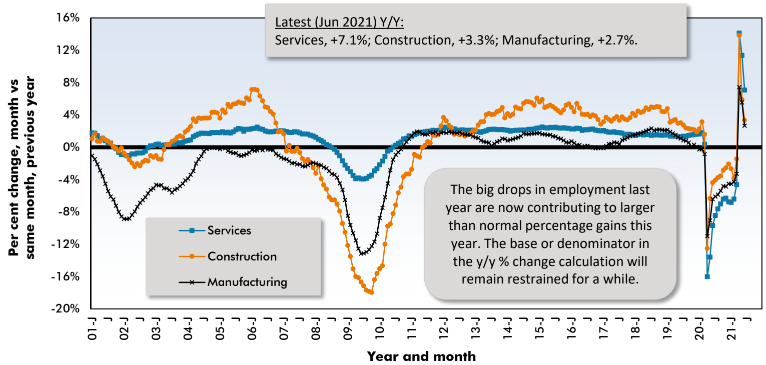
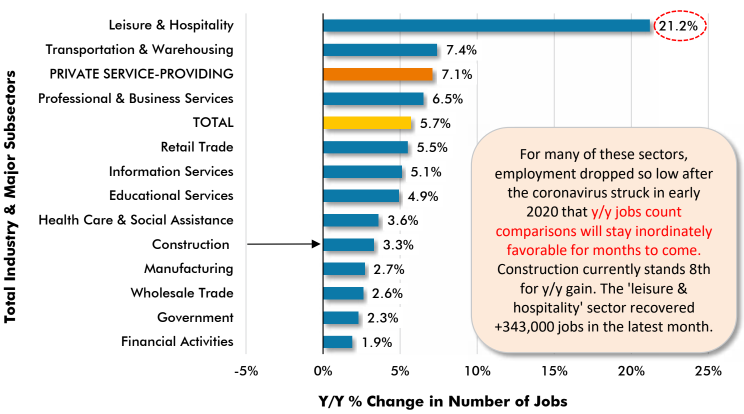
GRAPH 2: U.S. EMPLOYMENT JUNE 2021 – % CHANGE Y/Y BASED ON SEASONALLY ADJUSTED (SA) DATA



The latest data points are for June, 2021.

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

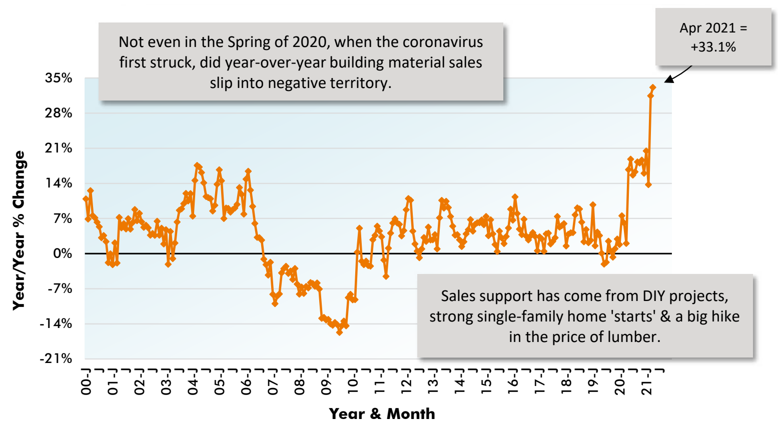
GRAPH 3: Y/Y JOBS CHANGE, U.S. TOTAL INDUSTRY & MAJOR SUBSECTORS – JUNE 2021 (BASED ON SEASONALLY ADJUSTED PAYROLL DATA)



June 2021's y/y changes in employment within the hardest-hit sector, 'leisure & hospitality', were: 'hotels/motels', +24.3%; 'restaurants & bars', +18.5%; and 'amusements/gambling', +35.3%.

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. Latest (Apr 2021) results were +33.1% y/y, but -2.6% m/m.

Data Source: Census Bureau/Chart: ConstructConnect.

TABLE 2: MONITORING THE U.S. EMPLOYMENT RECOVERY — JUNE 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) Jun 2021 vs Feb 2020 (Feb 2020 was last month unaffected by COVID-19)	Jun 2021 vs May 2021 (i.e., vs previous month)	% Change Jun 2021 vs Feb 2020 (Feb 2020 was last month unaffected by COVID-19)	Jun 2021 vs May 2021 (i.e., vs previous month)	Jobs Recovery Since Apr 2020, Millions	Claw Back Ratio
-22.362	-14.7%	Grand Total	-6.764	0.850	-4.4%	0.6%	15.598	69.8%
-18.787	-17.3%	Private Services-Providing	-4.990	0.642	-4.6%	0.6%	13.797	73.4%
-1.385	-10.8%	Manufacturing	-0.481	0.015	-3.8%	0.1%	0.904	65.3%
-1.113	-14.6%	Construction	-0.238	-0.007	-3.1%	-0.1%	0.875	78.6%
-2.375	-15.2%	Retail Trade	-0.304	0.067	-1.9%	0.4%	2.071	87.2%
-0.575	-9.9%	Transportation & Warehouse	-0.093	0.011	-1.6%	0.2%	0.482	83.8%
-0.279	-3.1%	Financial Activities	-0.075	-0.001	-0.8%	0.0%	0.204	73.1%
-2.387	-11.1%	Professional & Business	-0.633	0.072	-2.9%	0.3%	1.754	73.5%
-0.281	-9.6%	Information Services	-0.178	0.014	-6.1%	0.5%	0.103	36.7%
-2.843	-11.6%	Education and Health	-1.028	0.059	-4.2%	0.3%	1.815	63.8%
-8.224	-48.6%	Leisure & Hospitality	-2.181	0.343	-12.9%	2.4%	6.043	73.5%
-1.009	-4.4%	Government	-0.995	0.188	-4.4%	0.9%	0.014	1.4%

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

Continued from page 3

earlier it had been 28.9%. The economy-wide NSA U rate is presently 6.1%, versus 10.5% 12 months prior.

The latest year-over-year jobs count changes for some other corners of the economy with close ties to construction have been: architectural and engineering services, +4.7%; real estate activities, +4.5%; building material suppliers, +2.8%; oil and gas extraction, +2.7%; cement and concrete product manufacturing, -1.5%; and machinery and equipment rental and leasing, -2.7%.

Medical Facility Starts Spring to Life

June's +14.4% month-to-month (m/m) increase in total nonresidential starts was thanks to substantial jumps in the institutional, +47.1%, and commercial, +30.4%, type-of-structure sub-categories. Those increases overcame industrial's weakness, -60.0%, and heavy engineering/civil's indifferent performance, -0.7%.

The -4.3% shrinkage in total nonresidential starts year over year (y/y) in June 2021 (i.e., vs June 2020) resulted from notable declines in engineering, -10.3%, and industrial, -5.1%; and a small contraction in commercial, -1.5%; while institutional was a little ahead, +2.3%.

June 2021's year-to-date (ytd) total nonresidential starts shortfall of -10.9% was due to all four major type-of-structure sub-categories falling behind, with commercial being most sluggish, -21.0%; followed by institutional, -11.4%; industrial, -9.7%; and engineering, -4.8%.

Delving deeper into type-of-structure sub-categories, through the first half of 2021 the 'road/highway' and 'school/college' designations together accounted for slightly more than one-third of total nonresidential starts. At 16.9% and 17.8%, their respective shares were nearly equal. Also, they were well ahead of the 9.1% for third place 'water/sewer' (although they were about on a par with health care starts as a combined category; see two paragraphs down). June 2021's three time-frame comparisons for street starts were -10.3% m/m; -3.5% y/y; and -1.8% ytd. For educational facility starts, the three metrics were -21.1% y/y and -17.9% ytd, but +21.3% m/m.

'Water/sewage' starts have been the only engineering sub-category to maintain a year-to-date advantage, +9.8%, through the first half of 2021. 'Bridge' starts have fallen off the pace, -25.0% ytd. 'Miscellaneous civil', at -2.3% ytd, is a step behind 2020, but its m/m change in June 2021 was a striking, +58.6%, with help coming from a wind-power farm in Texas (see 'Top 10', page 8).

Within institutional starts in June 2021, groundbreakings on medical facilities were standouts. 'Hospital/clinic' starts were +44.6% ytd; +91.0% y/y; and +278.7% m/m (note the two hospital projects appearing in the 'Top 10' list on page 8). 'Nursing/assisted living' starts were -20.7% ytd; but +30.8% y/y; and +68.0% m/m. 'Miscellaneous medical' starts were -26.6% ytd; but +47.4% y/y; and +63.5% m/m. Combined starts for the three medical sub-categories were +6.8% ytd; +63.9% y/y; and +144.0% m/m. Collectively, they accounted for 15.2% of H1's total nonresidential starts, not far off the portions claimed by schools and roads/highways.

Within commercial, 'private office building' starts in June 2021 were especially grim, -10.1% m/m; -55.7% y/y; and -46.0% ytd. 'Hotel/motel' starts were -52.3% ytd; but they were not nearly as bad y/y, -0.8%, and m/m, -1.2%. 'Retail/shopping' starts have surprised on the upside: +25.0% m/m; +44.4% y/y; and +6.1% ytd. Warehouse starts have not been able to keep up with last year: -2.6% m/m; -41.1% y/y; and -17.9% ytd. Finally, 'miscellaneous commercial', which includes 'transportation terminals' (e.g., at airports; again, see largest projects listing on page 8), turned in stellar numbers in June 2021: +472.6% m/m; +312.4% y/y; and +25.6% ytd.

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

	Jan-Jun 2021 ($ billions)	% Change vs Jan-Jun 2020
Sports Stadiums/Convention Centers	$2.121	-10.5%
Transportation Teminals	$2.493	91.3%
Courthouses	$1.273	39.4%
Police Stations & Fire Halls	$1.473	-4.5%
Prisons	$1.047	7.0%
Pre-School/Elementary	$9.875	-22.7%
Junior & Senior High Schools	$14.952	-10.0%
K-12 (sum of above two categories)	$24.827	-15.5%
Special & Vocational Schools	$0.770	-31.5%
Colleges & Universities	$6.728	-24.1%
Electric Power Infrastructure	$4.341	95.1%

Source: ConstructConnect/Table: ConstructConnect.

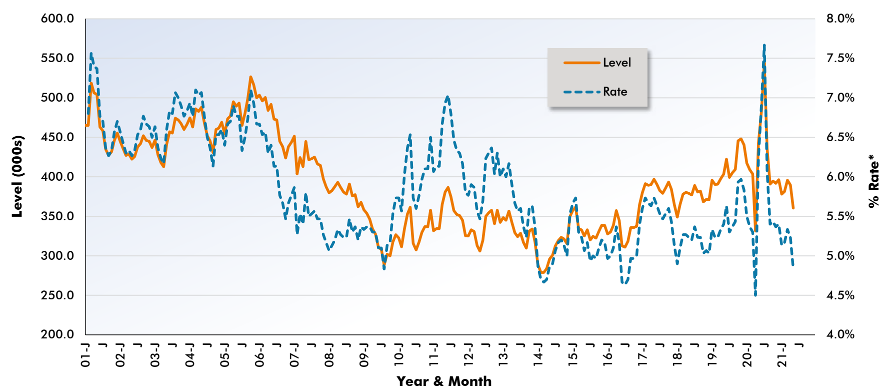
GRAPH 5: U.S. CONSTRUCTION JOB OPENINGS (FROM JOLTS REPORT) (3-MONTH MOVING AVERAGES PLACED IN LATEST MONTH)

A bigger drop in construction job 'openings' occurred in 2019 than in the Spring of 2020 which was when the coronavirus first shocked the economy. Since the beginning of 2021, 'openings' have been trending higher again.

*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 May 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 faltered badly.

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

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

Continued from page 4

JOLTS Statistics Speak to Paradigm Shifts

Monthly JOLTS numbers are proving effective at exposing a wide-ranging and significant problem that exists for the economy overall as it exits the pandemic. JOLTS is an acronym for the *Job Openings and Labor Turnover Survey* conducted by the Bureau of Labor Statistics.

Graph 5 demonstrates that job 'openings' in construction, both as a level and a rate, have been soaring for a year and appear set to reach their previous peaks. But then why are the 'hires' statistics as a level, but even more so as a rate, from Graph 6, so anemic? This is a conundrum that is bedeviling not only construction, but many other sectors as well.

There's a mismatch between skills needed and skills available. Also, many workers, under the strain of coronavirus lockdowns, have been contemplating adjustments in their career choices. Also, consciously or otherwise, labor may have come to realize that through deglobalization and other such paradigm shifts underway, it has acquired more leverage in setting workplace conditions. One consequence is almost surely to be more rapid wage increases.

Several Starts Trend Lines Shifting to Level Planes

The descents in some of the 12-month moving average trend lines appearing on page 9 have recently shifted to level planes. A flattening of the curves is apparent for both nonresidential building (especially commercial) and heavy engineering.

Among more specific categories, 'retail' has finally touched bottom and is rising again. 'Hospitals/clinics' has flattened out, although at a yet unimpressive level. 'Roads/highways' and 'water/sewage' have also moved parallel to the x-axis, but at decently high positions, based on history. Three categories remain in freefall: 'private office buildings'; 'schools/colleges'; and 'bridges'. The latter is unexpected, given all the recent talk about infrastructure spending needs.

'All Jobs' & Construction Worker Pay Hikes Trending to +4% Y/Y

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.

Over the past dozen or so months, there have been some major discrepancies between the y/y compensation rates going to all employees versus the sub-grouping comprised of construction workers. In June 2021, however, the earnings gains moved into closer alignment. From Table B-3 (including bosses), 'all-jobs' wage hikes y/y in the latest month were +3.6% hourly and +3.9% weekly. Construction workers saw close to the same pay-check upticks, +3.9% hourly and +3.4% weekly. From Table B-8 (excluding supervisors), latest 'all jobs' pay advances were +3.7% hourly and +4.3% weekly. Again, construction workers

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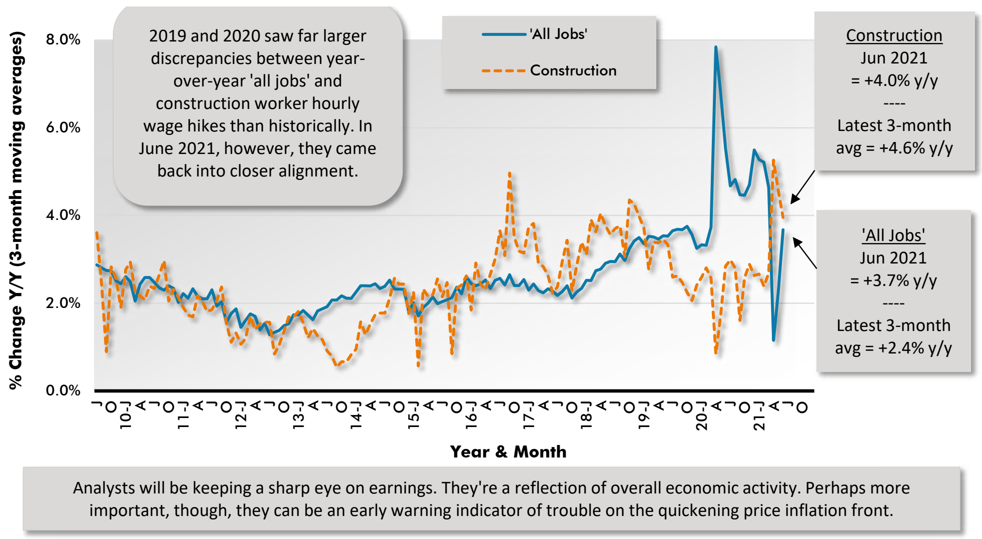
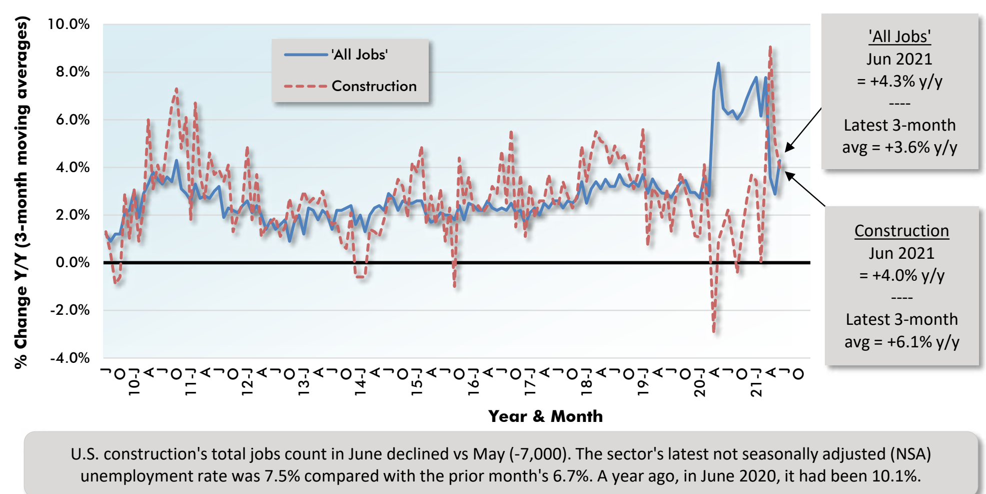
GRAPH 7: AVERAGE HOURLY EARNINGS Y/Y – 'ALL JOBS' & CONSTRUCTION



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

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

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were in the same ballpark, +4.0% both hourly and weekly. By the way, around +4.0% y/y marks a 'creeping higher' tendency, which in a long-term historical context, the economy has not been used to seeing for some time.

Bid Price Hike Still Well Short of Cost Escalation

May 2021's y/y results for three structures-related BLS Producer Price Index (PPI) series were as follows: 'construction materials special index', +30.0% (up several more rungs from April's +23.8%); 'inputs to new construction index, excluding capital investment, labor and imports', +24.0% (climbing further from the prior period's +18.8%); and 'final demand construction', designed to capture bid prices, +2.8% (ahead slightly from the previous month's +2.1%). The enormous disparities lead one to wonder how long contractors can continue to absorb expense spikes, while mainly holding the line on revenue, without serious fallout? Thankfully, some relief in material cost escalation, particularly for forestry products, is beginning to occur.

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 nonresidential 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.

June 2021's 'Grand Total' Starts +2.1% Ytd

From Table 10 on page 11 of this report, ConstructConnect's total residential starts in June 2021 were -0.1% m/m, but +12.5% y/y and +22.7% ytd. The latest month's multi-unit starts were -13.1% m/m and -20.0% y/y, but +0.1% ytd. Single-family starts in the latest month were +3.9% m/m, +25.5% y/y and +32.3% ytd. Including home building with all nonresidential categories, ***Grand Total*** *starts in June 2021 were +7.6% m/m, +2.4% y/y and +2.1% 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: 2021 YTD RANKING OF TOP 20 STATES BY $ VOLUME OF NONRESIDENTIAL CONSTRUCTION STARTS — ConstructConnect®

		Jan-Jun 2021	% Change vs Jan-Jun 2020
1	Texas	$23,074,724,934	-12.2%
2	California	$17,174,757,434	-11.3%
3	Florida	$10,864,404,443	-13.0%
4	New York	$9,093,327,643	-20.5%
5	Ohio	$8,001,546,670	14.9%
6	Pennsylvania	$7,356,302,964	37.1%
7	North Carolina	$6,899,905,891	22.1%
8	Illinois	$6,805,987,699	-24.7%
9	Georgia	$6,618,087,217	3.8%
10	Minnesota	$6,169,139,650	24.8%
11	Tennessee	$5,362,457,658	37.8%
12	Michigan	$4,924,119,842	17.8%
13	Virginia	$4,868,374,389	-21.9%
14	Missouri	$4,738,560,776	-21.9%
15	Washington	$4,109,576,084	-54.0%
16	Wisconsin	$4,009,203,372	-25.7%
17	Massachusetts	$3,885,901,931	-14.0%
18	Indiana	$3,859,898,352	-12.1%
19	New Jersey	$3,804,085,349	2.0%
20	Colorado	$3,452,921,623	-16.0%

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

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

		Jan-Jun 2021	% Change vs Jan-Jun 2020
1	Texas	$13,571,049,368	-25.5%
2	California	$10,077,979,045	1.2%
3	Florida	$6,663,121,630	-18.5%
4	New York	$5,209,444,037	-35.4%
5	North Carolina	$5,136,520,537	15.3%
6	Ohio	$5,130,205,086	35.3%
7	Pennsylvania	$5,125,026,996	90.6%
8	Georgia	$4,443,512,576	4.4%
9	Tennessee	$4,341,325,038	51.2%
10	Illinois	$3,578,921,239	-30.9%
11	Virginia	$3,484,134,395	-13.8%
12	Missouri	$3,067,414,554	-33.0%
13	Arizona	$2,570,238,400	-37.0%
14	Washington	$2,551,116,057	-33.6%
15	Massachusetts	$2,526,808,326	-21.0%
16	New Jersey	$2,437,476,051	38.1%
17	Michigan	$2,321,526,753	3.3%
18	Colorado	$2,052,999,938	-26.4%
19	Utah	$1,947,585,882	-24.4%
20	Indiana	$1,945,086,437	-14.4%

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

		Jan-Jun 2021	% Change vs Jan-Jun 2020
1	Texas	$9,503,675,566	17.8%
2	California	$7,096,778,389	-24.5%
3	Minnesota	$4,754,000,959	74.9%
4	Florida	$4,201,282,813	-2.7%
5	New York	$3,883,883,606	14.8%
6	Illinois	$3,227,066,460	-16.5%
7	Ohio	$2,871,341,584	-9.5%
8	Michigan	$2,602,593,089	34.7%
9	Wisconsin	$2,245,353,048	13.4%
10	Pennsylvania	$2,231,275,968	-16.6%
11	Georgia	$2,174,574,641	2.5%
12	Indiana	$1,914,811,915	-9.6%
13	North Carolina	$1,763,385,354	47.0%
14	Missouri	$1,671,146,222	12.4%
15	Maine	$1,603,776,524	142.9%
16	Washington	$1,558,460,027	-69.4%
17	Iowa	$1,482,670,417	-11.6%
18	Oklahoma	$1,453,810,399	50.2%
19	Colorado	$1,399,921,685	6.0%
20	Virginia	$1,384,239,994	-36.9%

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

		Jan-Jun 2021 ($ billions)	% Change Jan-Jun 21 vs Jan-Jun 20	% Change Jun 21 vs Jun 20	% Change Jun 21 vs May 21
Summary					
CIVIL		79.987	-4.8%	-10.3%	-0.7%
NONRESIDENTIAL BUILDING		111.773	-14.8%	0.2%	27.3%
RESIDENTIAL		167.065	22.7%	12.5%	-0.1%
GRAND TOTAL		358.825	2.1%	2.4%	7.6%
Verticals					
	Airport	2.463	-7.8%	-14.3%	1.7%
	All Other Civil	8.102	-22.9%	-24.9%	58.8%
	Bridges	10.324	-25.0%	-40.4%	6.1%
	Dams / Canals / Marine Work	3.132	-24.4%	-1.3%	35.9%
	Power Infrastructure	4.341	95.1%	60.0%	58.2%
	Roads	34.101	-1.8%	-3.5%	-10.3%
	Water and Sewage Treatment	17.525	9.8%	-0.2%	-7.8%
CIVIL		79.987	-4.8%	-10.3%	-0.7%
	Offices (private)	6.652	-46.0%	-55.7%	-10.1%
	Parking Garages	0.919	-7.4%	-8.4%	-6.4%
	Transportation Terminals	2.493	91.3%	840.2%	1680.7%
Commercial (small subset)		10.064	-31.2%	36.3%	159.6%
	Amusement	2.947	-15.3%	3.9%	10.6%
	Libraries / Museums	1.229	-53.3%	-28.7%	-23.1%
	Religious	0.510	-39.6%	-31.3%	2.1%
	Sports Arenas / Convention Centers	2.121	-10.5%	-1.7%	17.8%
Community		6.808	-27.0%	-8.8%	3.1%
	College / University	6.728	-24.1%	-38.7%	-26.7%
	Elementary / Pre School	9.875	-22.7%	-32.0%	35.8%
	Jr / Sr High School	14.952	-10.0%	1.1%	33.8%
	Special / Vocational	0.770	-31.5%	-37.9%	160.8%
Educational		32.325	-17.9%	-21.1%	21.3%
	Courthouses	1.273	39.4%	393.7%	285.3%
	Fire and Police Stations	1.473	-4.5%	5.5%	9.5%
	Government Offices	4.967	-0.4%	-15.4%	-21.3%
	Prisons	1.047	7.0%	22.3%	58.6%
Government		8.760	4.0%	16.3%	13.7%
	Industrial Labs / Labs / School Labs	0.798	-30.9%	-20.5%	74.8%
	Manufacturing	9.042	-9.7%	-5.1%	-60.0%
	Warehouses	11.458	-17.9%	-41.1%	-2.6%
Industrial		21.298	-15.2%	-32.3%	-30.1%
	Hospitals / Clinics	9.201	44.6%	91.0%	278.7%
	Medical Misc.	3.041	-26.6%	47.4%	63.5%
	Nursing Homes	2.973	-20.7%	30.8%	68.0%
Medical		15.215	6.8%	63.9%	144.0%
Military		4.620	0.7%	113.0%	86.8%
	Hotels	3.068	-52.3%	-0.8%	-1.2%
	Retail Misc.	2.970	3.3%	-20.3%	-32.2%
	Shopping	6.646	6.1%	44.4%	25.0%
Retail		12.684	-18.5%	16.5%	3.7%
NONRESIDENTIAL BUILDING		111.773	-14.8%	0.2%	27.3%
	Multi-Family	40.609	0.1%	-20.0%	-13.1%
	Single-Family	126.456	32.3%	25.5%	3.9%
RESIDENTIAL		167.065	22.7%	12.5%	-0.1%
NONRESIDENTIAL		191.760	-10.9%	-4.3%	14.4%
GRAND TOTAL		358.825	2.1%	2.4%	7.6%

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 JUNE 2021

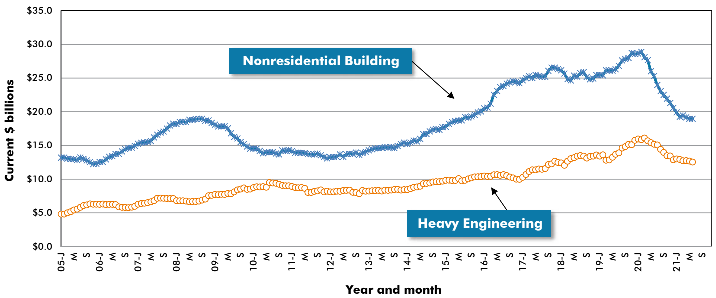
LOCATION (EAST TO WEST)	TYPE OF CONSTRUCTION	DESCRIPTION	SQUARE FEET 000S*	DOLLARS 000,000S
New Jersey New Brunswick	Institutional	Rutgers Cancer Institute (5 structures; 20 stories) Division St and Hardenbergh St New Brunswick Development Corp.	520	$750
Pennsylvania Pittsburgh	Commercial	Pittsburgh International Airport's Terminal Modernization Program (1 structure) 1000 Airport Blvd Allegheny County Airport Authority	700	$1,390
Virginia McLean	Institutional	Mather Senior Living Towers / Tysons Corner (3 structures; 27 stories; 378 units) 7929 Westpark Dr Mather LifeWays	686	$300
Georgia Macon	Civil/Engineering	Widening and Reconstruction on I-16/SR 404 (4 structures) GA-404 Georgia Department of Transportation (GDOT) - Bidding Administration	*	$229
Michigan Clinton Township (northern Detroit)	Institutional	Henry Ford Macomb Hospital Expansion (5 structures; 5 stories; 160 beds) 19 Mile Rd and Garfield Rd Henry Ford Macomb Hospital - Clinton Township	225	$318
Wisconsin Kenosha	Residential	Project Greenway, Residential, Commercial, Industrial Mixed-use Project (3 structures; 524 units) 5522 104th Ave Majestic Realty Co. - Los Angeles	2,300	$377
Minnesota Shakopee	Residential	Summerland Place, Multi-family (2 structures; 608 units) 17th Ave E and Mystic Lake Dr Summergate Companies	1,678	$232
Louisiana Baton Rouge	Industrial	Amazon Fulfillment Center / Baton Rouge (1 structure; 5 stories) 9401 Cortana Pl Seefried Industrial Properties - Dallas & Greater TX	3,840	$300
Texas Beeville	Civil/Engineering	Helena Energy Center - Wind Farm (1 structure) Bee County Orsted North America Inc	*	$295
Colorado Denver	Commercial	Colorado Convention Center Expansion (2 structures) 700 14th St City and County of Denver	80	$233
TOTALS:			**10,029**	**$4,424**

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

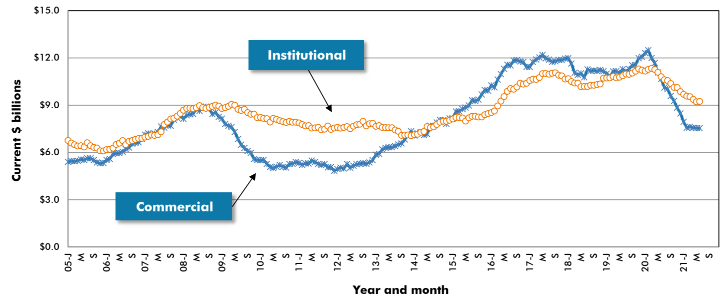
Source: ConstructConnect/Table: ConstructConnect.

Trend graphs for 12 key categories

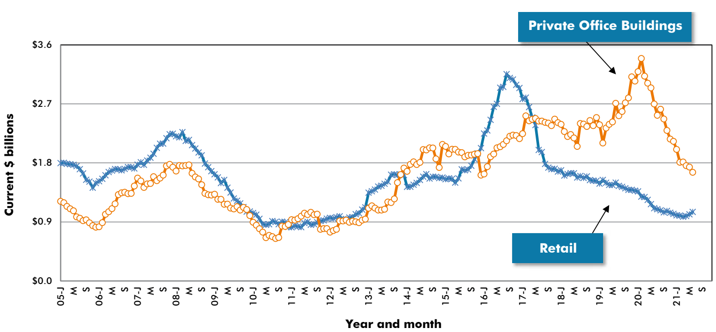
GRAPH 9: U.S. NONRESIDENTIAL CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



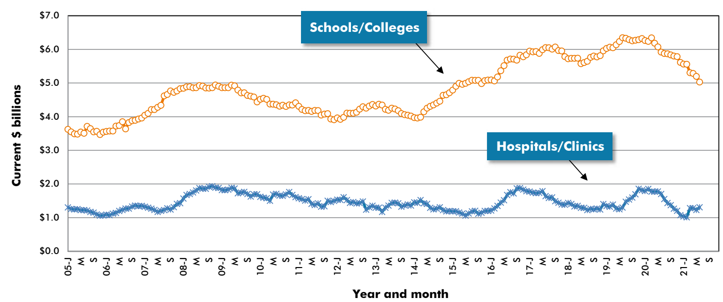
GRAPH 10: U.S. COMMERCIAL AND INSTITUTIONAL CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



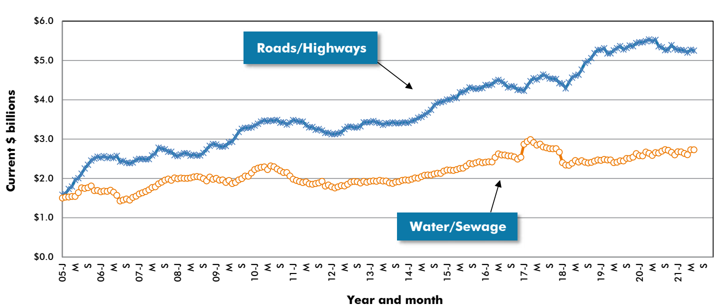
GRAPH 11: U.S. RETAIL AND PRIVATE OFFICE BUILDING CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



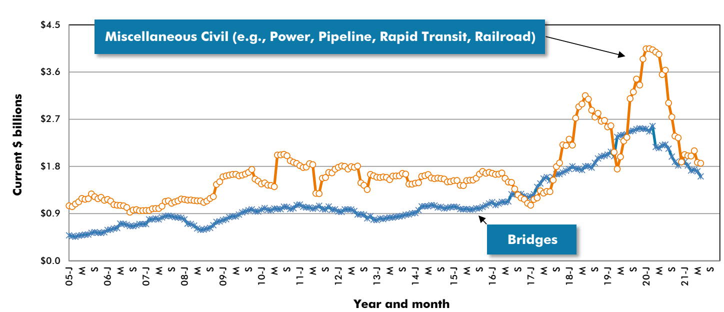
GRAPH 12: U.S. HOSPITAL/CLINIC AND SCHOOL/COLLEGE CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



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 June, 2021.

Source: ConstructConnect/Charts: ConstructConnect.

Regional starts table

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

	Jan-Jun 2020	Jan-Jun 2021	% Change
Connecticut	$1,787,393,123	$1,243,254,167	-30.4%
Maine	$928,510,109	$2,009,669,326	116.4%
Massachusetts	$4,518,201,318	$3,885,901,931	-14.0%
New Hampshire	$630,814,755	$894,414,132	41.8%
Rhode Island	$382,578,152	$607,954,234	58.9%
Vermont	$405,136,081	$250,685,133	-38.1%
Total New England	$8,652,633,538	$8,891,878,923	2.8%
New Jersey	$3,728,391,474	$3,804,085,349	2.0%
New York	$11,443,559,554	$9,093,327,643	-20.5%
Pennsylvania	$5,364,085,104	$7,356,302,964	37.1%
Total Middle Atlantic	$20,536,036,132	$20,253,715,956	-1.4%
TOTAL NORTHEAST	$29,188,669,670	$29,145,594,879	-0.1%
Illinois	$9,040,818,689	$6,805,987,699	-24.7%
Indiana	$4,389,656,620	$3,859,898,352	-12.1%
Michigan	$4,181,182,068	$4,924,119,842	17.8%
Ohio	$6,962,745,097	$8,001,546,670	14.9%
Wisconsin	$5,393,775,938	$4,009,203,372	-25.7%
Total East North Central	$29,968,178,412	$27,600,755,935	-7.9%
Iowa	$3,241,414,395	$2,875,335,780	-11.3%
Kansas	$2,728,444,484	$1,780,937,179	-34.7%
Minnesota	$4,944,078,353	$6,169,139,650	24.8%
Missouri	$6,066,508,257	$4,738,560,776	-21.9%
Nebraska	$2,664,417,693	$1,908,156,628	-28.4%
North Dakota	$1,123,762,654	$1,242,613,951	10.6%
South Dakota	$777,835,303	$885,736,839	13.9%
Total West North Central	$21,546,461,139	$19,600,480,803	-9.0%
TOTAL MIDWEST	$51,514,639,551	$47,201,236,738	-8.4%
Delaware	$1,093,580,064	$619,692,496	-43.3%
District of Columbia	$465,213,656	$483,632,591	4.0%
Florida	$12,494,459,020	$10,864,404,443	-13.0%
Georgia	$6,376,221,575	$6,618,087,217	3.8%
Maryland	$3,799,082,108	$2,282,172,415	-39.9%
North Carolina	$5,652,667,346	$6,899,905,891	22.1%
South Carolina	$2,890,399,825	$2,663,283,253	-7.9%
Virginia	$6,234,773,167	$4,868,374,389	-21.9%
West Virginia	$1,544,632,896	$629,995,066	-59.2%
Total South Atlantic	$40,551,029,657	$35,929,547,761	-11.4%
Alabama	$2,924,384,361	$2,862,207,470	-2.1%
Kentucky	$1,780,046,294	$1,660,973,166	-6.7%
Mississippi	$1,765,310,116	$931,628,403	-47.2%
Tennessee	$3,891,205,101	$5,362,457,658	37.8%
Total East South Central	$10,360,945,872	$10,817,266,697	4.4%
Arkansas	$2,154,724,041	$1,108,712,476	-48.5%
Louisiana	$2,189,974,649	$2,442,572,044	11.5%
Oklahoma	$2,069,164,493	$2,437,222,291	17.8%
Texas	$26,284,990,611	$23,074,724,934	-12.2%
Total West South Central	$32,698,853,794	$29,063,231,745	-11.1%
TOTAL SOUTH	$83,610,829,323	$75,810,046,203	-9.3%
Arizona	$4,843,964,486	$3,254,995,626	-32.8%
Colorado	$4,111,519,239	$3,452,921,623	-16.0%
Idaho	$876,356,762	$597,655,656	-31.8%
Montana	$800,670,456	$525,467,049	-34.4%
Nevada	$2,402,862,843	$1,743,848,666	-27.4%
New Mexico	$1,046,448,676	$983,648,115	-6.0%
Utah	$4,362,612,772	$3,053,676,903	-30.0%
Wyoming	$566,537,082	$599,906,699	5.9%
Total Mountain	$19,010,972,316	$14,212,120,337	-25.2%
Alaska	$645,550,638	$630,857,034	-2.3%
California	$19,352,942,248	$17,174,757,434	-11.3%
Hawaii	$769,092,669	$1,028,129,737	33.7%
Oregon	$2,230,877,245	$2,447,854,919	9.7%
Washington	$8,935,636,736	$4,109,576,084	-54.0%
Total Pacific	$31,934,099,536	$25,391,175,208	-20.5%
TOTAL WEST	$50,945,071,852	$39,603,295,545	-22.3%
TOTAL U.S.	$215,259,210,396	$191,760,173,365	-10.9%

*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 — JUNE 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.	
	Apr 21	May 21	Jun 21	Apr 21	May 21	Jun 21	Apr 21	May 21	Jun 21	Jan-Jun 2020	Jan-Jun 2021
Single Family	21.906	22.733	23.626	20.856	22.795	22.755	19.780	20.445	20.845	95.603	126.456
month-over-month % change	-7.8%	3.8%	3.9%	7.5%	9.3%	-0.2%	3.5%	3.4%	2.0%		
year-over-year % change	57.0%	54.1%	25.5%	33.6%	51.1%	43.6%	19.5%	25.0%	26.9%	-1.8%	32.3%
Apartment	8.469	6.926	6.018	7.587	7.322	7.138	6.786	6.819	6.694	40.567	40.609
month-over-month % change	28.9%	-18.2%	-13.1%	18.6%	-3.5%	-2.5%	3.7%	0.5%	-1.8%		
year-over-year % change	51.3%	6.1%	-20.0%	19.1%	14.7%	9.0%	-14.4%	-14.8%	-16.0%	-7.9%	0.1%
TOTAL RESIDENTIAL	30.375	29.659	29.644	28.442	30.117	29.893	26.566	27.265	27.539	136.171	167.065
month-over-month % change	0.2%	-2.4%	-0.1%	10.3%	5.9%	-0.7%	3.5%	2.6%	1.0%		
year-over-year % change	55.4%	39.4%	12.5%	29.4%	40.3%	33.5%	8.5%	11.9%	12.9%	-3.7%	22.7%
Hotel/Motel	0.644	0.522	0.516	0.522	0.588	0.561	0.564	0.576	0.576	6.431	3.068
month-over-month % change	7.9%	-18.9%	-1.2%	12.9%	12.7%	-4.6%	-4.8%	2.1%	-0.1%		
year-over-year % change	-34.7%	37.1%	-0.8%	-60.9%	-25.8%	-10.9%	-67.7%	-64.9%	-62.3%	-44.8%	-52.3%
Retail/Shopping	1.122	1.192	1.490	1.006	1.137	1.268	0.989	1.015	1.053	6.264	6.646
month-over-month % change	2.3%	6.2%	25.0%	6.2%	13.1%	11.5%	1.0%	2.6%	3.8%		
year-over-year % change	11.1%	34.8%	44.4%	-4.2%	7.2%	30.0%	-19.9%	-13.3%	-4.9%	-33.9%	6.1%
Parking Garages	0.054	0.119	0.112	0.153	0.113	0.095	0.147	0.140	0.139	0.993	0.919
month-over-month % change	-66.9%	119.0%	-6.4%	-27.5%	-26.4%	-15.7%	-1.0%	-5.0%	-0.6%		
year-over-year % change	-25.1%	-42.4%	-8.4%	59.2%	-19.7%	-29.0%	-35.3%	-34.4%	-28.8%	-45.3%	-7.4%
Amusement	0.387	0.510	0.564	0.481	0.506	0.487	0.473	0.483	0.485	3.480	2.947
month-over-month % change	-37.5%	31.6%	10.6%	-2.8%	5.0%	-3.7%	-4.7%	2.1%	0.4%		
year-over-year % change	-41.7%	30.6%	3.9%	-20.2%	-9.0%	-8.6%	-28.7%	-26.1%	-23.9%	1.5%	-15.3%
Office	1.254	0.842	0.757	1.222	1.145	0.951	1.758	1.736	1.657	12.321	6.652
month-over-month % change	-6.3%	-32.9%	-10.1%	-3.5%	-6.3%	-16.9%	-3.1%	-1.2%	-4.6%		
year-over-year % change	-35.2%	-23.4%	-55.7%	-44.9%	-20.3%	-39.9%	-41.7%	-41.0%	-38.6%	-25.4%	-46.0%
Governmental Offices	0.942	0.971	0.765	0.875	0.930	0.893	0.876	0.898	0.887	4.989	4.967
month-over-month % change	7.4%	3.1%	-21.3%	14.7%	6.2%	-4.0%	0.5%	2.5%	-1.3%		
year-over-year % change	5.7%	37.5%	-15.4%	1.0%	10.7%	7.1%	-13.3%	-9.7%	-9.6%	0.4%	-0.4%
Laboratories	0.073	0.102	0.179	0.148	0.138	0.118	0.164	0.166	0.162	1.154	0.798
month-over-month % change	-69.3%	39.1%	74.8%	0.0%	-6.3%	-14.6%	0.0%	1.4%	-2.3%		
year-over-year % change	0.2%	36.3%	-20.5%	9.0%	24.4%	-5.0%	-23.5%	-18.4%	-24.1%	15.0%	-30.9%
Warehouse	3.027	1.686	1.643	2.264	2.386	2.119	2.077	2.025	1.930	13.957	11.458
month-over-month % change	23.9%	-44.3%	-2.6%	33.1%	5.4%	-11.2%	1.7%	-2.5%	-4.7%		
year-over-year % change	16.0%	-27.1%	-41.1%	24.0%	12.3%	-17.6%	2.9%	-2.5%	-9.2%	26.6%	-17.9%
Misc Commercial	0.592	0.391	2.238	0.570	0.617	1.074	0.518	0.510	0.651	3.673	4.614
month-over-month % change	-31.8%	-34.0%	472.6%	22.7%	8.3%	74.0%	0.2%	-1.7%	27.7%		
year-over-year % change	1.8%	-21.6%	312.4%	-7.1%	7.2%	98.5%	-66.5%	-56.6%	-44.7%	-63.8%	25.6%
TOTAL COMMERCIAL	8.097	6.336	8.262	7.241	7.559	7.565	7.567	7.549	7.539	53.263	42.068
month-over-month % change	-1.8%	-21.7%	30.4%	12.1%	4.4%	0.1%	-0.8%	-0.2%	-0.1%		
year-over-year % change	-8.3%	-3.4%	-1.5%	-17.2%	-1.0%	-4.5%	-35.2%	-31.8%	-29.3%	-23.9%	-21.0%
TOTAL INDUSTRIAL (Manufacturing)	1.029	1.907	0.762	1.552	2.002	1.233	1.760	1.701	1.698	10.008	9.042
month-over-month % change	-66.5%	85.3%	-60.0%	-12.9%	29.0%	-38.4%	-2.9%	-3.3%	-0.2%		
year-over-year % change	-37.8%	-27.0%	-5.1%	-9.0%	16.6%	-27.1%	-56.9%	-47.7%	-47.5%	-62.9%	-9.7%
Religious	0.130	0.084	0.086	0.099	0.108	0.100	0.115	0.112	0.109	0.845	0.510
month-over-month % change	18.1%	-35.4%	2.1%	41.5%	9.4%	-7.5%	4.5%	-2.8%	-2.9%		
year-over-year % change	82.5%	-31.4%	-31.3%	-35.3%	-30.7%	-5.9%	-26.3%	-25.5%	-24.2%	-16.8%	-39.6%
Hosptials/Clinics	0.846	0.525	1.987	1.968	1.748	1.119	1.283	1.231	1.310	6.363	9.201
month-over-month % change	-78.2%	-38.0%	278.7%	1.1%	-11.2%	-36.0%	0.0%	-4.1%	6.4%		
year-over-year % change	0.1%	-54.4%	91.0%	100.0%	99.5%	10.6%	-27.8%	-30.8%	-23.1%	-17.5%	44.6%
Nursing/Assisted Living	0.483	0.483	0.810	0.414	0.526	0.592	0.529	0.530	0.546	3.748	2.973
month-over-month % change	-21.2%	0.0%	68.0%	3.6%	27.2%	12.5%	-2.8%	0.2%	3.0%		
year-over-year % change	-27.4%	2.2%	30.8%	-34.2%	-10.3%	1.1%	-24.7%	-20.1%	-17.8%	-30.4%	-20.7%
Libraries/Museums	0.101	0.302	0.232	0.168	0.216	0.212	0.202	0.199	0.191	2.630	1.229
month-over-month % change	-58.4%	197.8%	-23.1%	-15.2%	28.3%	-1.8%	-6.6%	-1.6%	-3.9%		
year-over-year % change	-62.9%	-11.2%	-28.7%	-59.5%	-24.6%	-32.3%	-51.7%	-50.7%	-52.3%	39.6%	-53.3%
Fire/Police/Courthouse/Prison	0.603	0.476	0.881	0.507	0.510	0.653	0.667	0.673	0.704	3.435	3.793
month-over-month % change	33.5%	-21.1%	85.2%	-17.0%	0.6%	28.0%	1.5%	0.9%	4.6%		
year-over-year % change	24.7%	17.5%	72.3%	-4.0%	-1.1%	40.0%	5.4%	8.9%	15.4%	12.5%	10.4%
Military	0.250	0.748	1.397	0.545	0.677	0.799	0.688	0.709	0.770	4.587	4.620
month-over-month % change	-75.7%	198.6%	86.8%	-26.5%	24.2%	18.0%	-17.1%	3.1%	8.7%		
year-over-year % change	-87.2%	51.3%	113.0%	-41.5%	-32.0%	-22.9%	11.8%	12.0%	17.1%	163.1%	0.7%
Schools/Colleges	5.969	6.258	7.592	4.780	5.539	6.606	5.285	5.198	5.029	39.366	32.325
month-over-month % change	35.9%	4.8%	21.3%	14.7%	15.9%	19.3%	-0.4%	-1.7%	-3.2%		
year-over-year % change	-4.3%	-14.3%	-21.1%	-18.9%	-20.7%	-14.4%	-14.5%	-14.5%	-15.1%	-10.9%	-17.9%
Misc Medical	0.614	0.422	0.690	0.512	0.489	0.575	0.595	0.560	0.578	4.140	3.041
month-over-month % change	42.8%	-31.2%	63.5%	16.8%	-4.5%	17.8%	0.5%	-5.9%	3.3%		
year-over-year % change	6.1%	-50.0%	47.4%	-31.4%	-43.9%	-8.8%	-23.1%	-26.0%	-18.1%	-17.2%	-26.6%
TOTAL INSTITUTIONAL	8.996	9.297	13.676	8.993	9.813	10.656	9.364	9.211	9.237	65.115	57.693
month-over-month % change	-19.3%	3.4%	47.1%	4.9%	9.1%	8.6%	-1.8%	-1.6%	0.3%		
year-over-year % change	-19.0%	-16.5%	2.3%	-12.5%	-12.9%	-10.2%	-16.8%	-16.9%	-14.5%	-7.0%	-11.4%
Misc Non Residential	0.493	0.634	0.430	0.484	0.529	0.519	0.476	0.494	0.485	2.875	2.970
month-over-month % change	7.3%	28.7%	-32.2%	2.7%	9.3%	-1.9%	1.4%	3.8%	-1.8%		
year-over-year % change	19.5%	51.9%	-20.3%	7.1%	18.0%	13.7%	-22.1%	-17.1%	-17.8%	-17.1%	3.3%
TOTAL NON-RES BUILDING	18.614	18.174	23.130	18.270	19.902	19.973	19.168	18.955	18.959	131.260	111.773
month-over-month % change	-18.8%	-2.4%	27.3%	5.7%	8.9%	0.4%	-1.5%	-1.1%	0.0%		
year-over-year % change	-15.4%	-12.3%	0.2%	-13.7%	-5.5%	-9.0%	-30.6%	-27.1%	-25.0%	-23.0%	-14.8%
Airports	0.420	0.751	0.764	0.273	0.458	0.645	0.478	0.496	0.485	2.671	2.463
month-over-month % change	106.9%	78.8%	1.7%	55.0%	67.7%	40.8%	2.0%	3.6%	-2.1%		
year-over-year % change	37.6%	38.1%	-14.3%	-24.2%	-3.8%	11.2%	-12.7%	-7.6%	-13.6%	-19.7%	-7.8%
Roads/Highways	7.038	7.640	6.855	5.347	6.702	7.178	5.202	5.272	5.251	34.721	34.101
month-over-month % change	29.6%	8.5%	-10.3%	27.6%	25.3%	7.1%	-1.0%	1.3%	-0.4%		
year-over-year % change	-8.1%	12.4%	-3.5%	-5.0%	0.4%	-0.1%	-6.1%	-4.0%	-5.0%	2.9%	-1.8%
Bridges	1.995	1.651	1.752	1.611	1.794	1.799	1.737	1.708	1.609	13.763	10.324
month-over-month % change	14.9%	-17.2%	6.1%	-1.9%	11.3%	0.3%	0.9%	-1.7%	-5.8%		
year-over-year % change	10.7%	-17.5%	-40.4%	-26.6%	-19.6%	-20.0%	-20.0%	-20.5%	-27.0%	-21.4%	-25.0%
Dams/Marine	0.568	0.490	0.666	0.507	0.533	0.575	0.637	0.606	0.605	4.144	3.132
month-over-month % change	5.1%	-13.7%	35.9%	8.0%	5.2%	7.8%	-1.9%	-4.9%	-0.1%		
year-over-year % change	-21.0%	-43.4%	-1.3%	-7.7%	-27.7%	-23.7%	-22.0%	-15.5%	-11.2%	-8.2%	-24.4%
Water/Sewage	2.579	3.733	3.441	2.442	3.015	3.251	2.606	2.731	2.731	15.960	17.525
month-over-month % change	-5.6%	44.8%	-7.8%	-5.7%	23.5%	7.8%	-1.2%	4.8%	0.0%		
year-over-year % change	-13.1%	67.3%	-0.2%	-10.8%	7.8%	12.8%	-1.3%	5.7%	2.7%	1.8%	9.8%
Misc Civil (Power, etc.)	2.428	1.158	1.836	1.574	1.723	1.807	2.096	1.877	1.861	12.739	12.443
month-over-month % change	53.2%	-52.3%	58.6%	-32.8%	9.5%	4.9%	4.9%	-10.5%	-0.8%		
year-over-year % change	95.5%	-69.5%	-9.1%	22.0%	-22.6%	-23.2%	-47.3%	-52.3%	-47.6%	-22.0%	-2.3%
TOTAL ENGINEERING (Civil)	15.027	15.423	15.314	11.753	14.225	15.254	12.757	12.689	12.542	83.999	79.987
month-over-month % change	22.9%	2.6%	-0.7%	3.0%	21.0%	7.2%	0.2%	-0.5%	-1.2%		
year-over-year % change	2.3%	-5.0%	-10.3%	-7.9%	-6.1%	-4.7%	-18.7%	-17.7%	-17.4%	-7.8%	-4.8%
GRAND TOTAL	64.016	63.256	68.088	58.466	64.244	65.120	58.491	58.909	59.040	351.430	358.825
month-over-month % change	-2.2%	-1.2%	7.6%	7.3%	9.9%	1.4%	1.1%	0.7%	0.2%		
year-over-year % change	13.8%	8.6%	2.4%	4.6%	11.4%	7.9%	-13.7%	-10.4%	-9.0%	-12.8%	2.1%
NON-RES BLDG + ENGINEERING	***33.641***	***33.597***	***38.444***	***30.023***	***34.127***	***35.227***	***31.925***	***31.644***	***31.501***	***215.259***	***191.760***
month-over-month % change	***-4.3%***	***-0.1%***	***14.4%***	***4.6%***	***13.7%***	***3.2%***	***-0.8%***	***-0.9%***	***-0.5%***		
year-over-year % change	***-8.3%***	***-9.1%***	***-4.3%***	***-11.5%***	***-5.8%***	***-7.2%***	***-26.3%***	***-23.6%***	***-22.2%***	***-17.7%***	***-10.9%***

Source: ConstructConnect/Table: ConstructConnect.