JANUARY 2022 (based on December 2021 Starts Stats)

Construction Industry Snapshot

constructconnect

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December's Nonresidential Construction Starts -17% M/M, +7% Y/Y & -1% YTD

ConstructConnect announced today that December 2021's volume of construction starts, excluding residential work, was $25.8 billion, a decrease of -16.8% vs November 2021's level of $31.0 billion. Compared with December 2020, however, they were +7.0%.

On a year-to-date basis (i.e., full year 2021/full year 2020), they were close to being even, -0.5%. GRAND TOTAL starts in December 2021 (i.e., including residential activity) were -16.7% m/m and -1.2% y/y, but +5.9% ytd. (The +5.9% was the annual gain.)

	Commercial	Retail	Private Office	Hotel & Motel	Industrial	Institutional	Schools	Hospitals & Clinics	Heavy Engineering	Total Non-Residential
Dec 2021 vs Nov 2021	+1%	-36%	-49%	-50%	-86%	+5%	+2%	-37%	-26%	-17%
Jan-Dec 2021 vs Jan-Dec 2020	-3%	+2%	-30%	-36%	+42%	-9%	-13%	+24%	+1%	-1%
Jan-Dec 2020 vs Jan-Dec 2019	-29%	-26%	-29%	-57%	-61%	-11%	-11%	-39%	-18%	-24%

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December's Nonresidential Construction Starts -17% M/M, +7% Y/Y & -1% YTD

A Less than Impressive Mega Project Revival

ConstructConnect announced today that December 2021's volume of construction starts, excluding residential work, was $25.8 billion (see shaded green box, bottom of Table 10, page 11), a decrease of -16.8% compared with November 2021's level of $31.0 billion (originally reported as $30.4 billion).

Compared with December 2020, the latest month's nonresidential starts were +7.0%. On a year-to-date basis, they were -0.5%. GRAND TOTAL starts in December 2021 (i.e., including residential activity) were -16.7% m/m and -1.2% y/y, but +5.9% ytd.

The latest month featured one mega-sized project, San Diego's International Airport terminal replacement valued at $3.4 billion.

Since December results wrap up the year, there's an annual mega project story to be told. (A project is categorized as 'mega' when it carries an estimated cost of $1 billion or more.)

In 2019, there were 35 mega project starts for a total of $79.1 billion. In the first pandemic year of 2020, however, there was a big drop off in mega work, with only 12 such projects receiving go-aheads, for a total of $21.0 billion. There was a recovery in ultra-large job activity in 2021, but at 16 projects for a combined $32.4 billion, it was relatively minor.

To provide more historical context, in 2018 there were 20 mega projects for $47.2 billion; and in 2017, 25 such undertakings for a summed $54.9 billion.

Nonres Building Starts Awaken in Late 2021

There are three major sub-categories of total starts: residential, nonresidential building and heavy engineering/civil. Beyond the midway point of 2021, and on a year-to-date basis, residential starts were strong, engineering starts were flat; and nonresidential building starts, weak.

But those relationships underwent some changes during the late stages of 2021. Nonresidential building picked up the pace and ended 2021 with a full year starts volume that was almost level (-1.3%) with 2020's annual figure. Engineering stayed true to its earlier performance, with an annual result that was about even (+0.9%) with 2020. Residential was solidly positive (+14.5%), but it was no longer flaunting a hot streak.

On a month-to-month basis in December, all three major sub-categories experienced significant starts declines: engineering, -26.0%; residential, -16.7%; and nonresidential buildings, -11.0%.

Trailing 12-Month Starts Trend Higher

Other statistics often beloved by analysts are trailing twelve-month (TTM) results and these are set out for all the various type-of-structure categories in Table 10 on page 11 of this report.

Grand Total TTM starts in December on a month-to-month basis were -0.1%, which was a match for November, also -0.1%. At least the -0.1% in each of the latest two months wasn't as negative as October's -0.6%.

On a year-over-year basis in December, GT TTM starts were +5.9%, an improvement on November's figure of +4.1%. In turn, the +4.1% in November was a step up from October's +3.4%. The steady quickening in those latest percentage changes speaks of a construction marketplace with growing vitality.

50-50 Split in Census Bureau's PIP Numbers

'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 November 2021 not-seasonally-adjusted (NSA) PIP numbers for total U.S.,

Continued on page 3

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

	Jan-Dec 2021 ($ billions)	% Change Jan-Dec 21 vs Jan-Dec 20	% Change Dec 21 vs Dec 20	% Change Dec 21 vs Nov 21
Hotel/Motel	6.533	-35.9%	31.9%	-50.4%
Retail/Shopping	12.572	2.4%	-22.8%	-35.9%
Parking Garage	1.653	-5.0%	-10.9%	27.9%
Amusement	6.428	2.0%	-25.0%	-8.3%
Private Office	18.115	-30.0%	-48.8%	-48.9%
Government Office	12.131	13.8%	14.4%	-14.1%
Laboratory	2.189	-6.9%	-63.6%	-26.4%
Warehouse	25.605	-2.3%	-24.0%	-63.2%
Miscellaneous Commercial *	14.753	114.5%	2618.9%	413.4%
COMMERCIAL (big subset)	**99.978**	**-2.5%**	**45.7%**	**0.6%**
INDUSTRIAL (Manufacturing)	**30.799**	**41.7%**	**-52.9%**	**-85.7%**
Religious	0.957	-41.0%	-84.4%	-72.6%
Hospital/Clinic	16.593	24.3%	42.2%	-36.7%
Nursing/Assisted Living	5.670	-24.2%	-53.0%	74.8%
Library/Museum	2.571	-32.5%	37.6%	135.9%
Fire/Police/Courthouse/Prison	7.753	-4.0%	7.2%	36.4%
Military	10.251	11.3%	354.3%	44.2%
School/College	58.795	-12.9%	2.8%	2.3%
Miscellaneous Medical	6.628	-19.3%	-42.6%	-9.2%
INSTITUTIONAL	**109.218**	**-8.5%**	**15.6%**	**5.4%**
Miscellaneous Non-residential	6.115	5.5%	-23.2%	-27.1%
NONRESIDENTIAL BUILDING	**246.109**	**-1.3%**	**22.2%**	**-11.0%**
Airport	5.175	-14.2%	57.5%	21.3%
Road/Highway	67.464	6.0%	6.3%	-28.7%
Bridge	18.037	-20.8%	-62.1%	-39.7%
Dam/Marine	8.561	3.4%	156.6%	-27.1%
Water/Sewage	34.105	9.1%	-2.7%	-10.2%
Miscellaneous Civil (power, pipelines, etc.)	22.758	0.1%	-48.4%	-39.1%
HEAVY ENGINEERING (Civil)	**156.099**	**0.9%**	**-13.6%**	**-26.0%**
TOTAL NONRESIDENTIAL	**402.208**	**-0.5%**	**7.0%**	**-16.8%**

* 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 — DECEMBER 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

the year-to-date mix has shifted dramatically. The residential to nonresidential relationship has become approximately half and half (i.e., 49.4%-to-50.6% respectively). The Census Bureau's November 2021 NSA ytd PIP results are +7.9% for total; +23.4%, residential; and -3.8%, 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 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 Jobs +160,000 in Full Year 2021

The U.S. construction sector's total employment increase in 2021 was +160,000 jobs. In 2020, there had been a staffing cutback of -157,000 jobs. In the three 'normal' years prior to COVID, construction net hiring was +141,000 in 2019; +312,000 in 2018; and +286,000 in 2017.

Of the +160,000 annual construction jobs gain in 2021, the final four months of the year combined to provide +135,000 net new positions. After October's +44,000 figure, though, the month-to-month change

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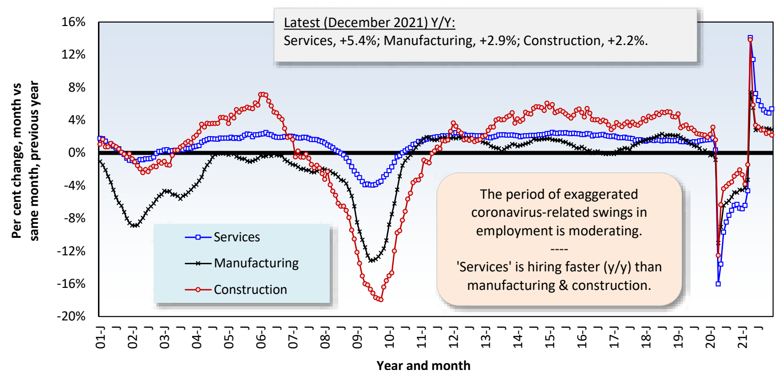
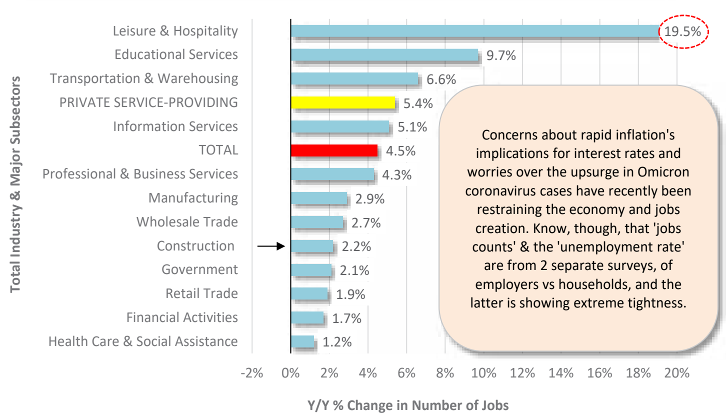
GRAPH 2: U.S. EMPLOYMENT DECEMBER 2021 — % CHANGE Y/Y BASED ON SEASONALLY ADJUSTED (SA) DATA



The latest data points are for December, 2021.

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

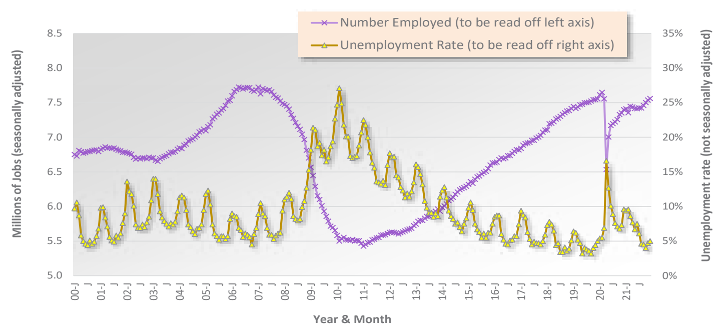
GRAPH 3: Y/Y JOBS CHANGE, U.S. TOTAL INDUSTRY & MAJOR SUBSECTORS — DECEMBER 2021 (BASED ON SEASONALLY ADJUSTED PAYROLL DATA)



Dec 2021's y/y changes in employment within the pandemic's initially hardest-hit sector, 'leisure & hospitality', were: 'hotels/motels', +26.7%; 'amusements/gambling', +26.1%; and 'restaurants & bars', +16.6%.

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

GRAPH 4: U.S. CONSTRUCTION EMPLOYMENT (SA) & UNEMPLOYMENT RATE (NSA)



Current through December, 2021 SA is seasonally adjusted / NSA is not seasonally adjusted.

While the economy overall has recovered 84% of the big jobs loss encountered from Feb-Apr 2020, construction has done better with a 'clawback ratio' of 92%. There's still a ways to go, though.

Current through December, 2021. SA is seasonally adjusted / NSA is not seasonally adjusted.

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

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

The Big Drop (revised data)			Change in Number of Jobs (Millions)		% Change			
April 2020 vs Feb 2020 (Feb 2020 was last month unaffected by COVID-19) Millions			Dec 2021 vs Feb 2020 (Feb 2020 was last month unaffected by COVID-19)	Dec 2021 vs Nov 2021 (i.e., vs previous month)	Dec 2021 vs Feb 2020 (Feb 2020 was last month unaffected by COVID-19)	Dec 2021 vs Nov 2021 (i.e., vs previous month)	Jobs Recovery Since Apr 2020, Millions	Claw Back Ratio
-22.362	-14.7%	Grand Total	-3.572	0.199	-2.3%	0.1%	18.790	84.0%
-18.787	-17.3%	Private Services-Providing	-2.304	0.157	-2.1%	0.1%	16.483	87.7%
-1.385	-10.8%	Manufacturing	-0.219	0.026	-1.7%	0.2%	1.166	84.2%
-1.113	-14.6%	Construction	-0.088	0.022	-1.2%	0.3%	1.025	92.1%
-2.375	-15.2%	Retail Trade	-0.158	-0.002	-1.0%	0.0%	2.217	93.4%
-0.575	-9.9%	Transportation & Warehouse	0.218	0.018	3.7%	0.3%	0.793	137.9%
-0.279	-3.1%	Financial Activities	0.044	0.008	0.5%	0.1%	0.323	115.8%
-2.387	-11.1%	Professional & Business	-0.035	0.043	-0.2%	0.2%	2.352	98.5%
-0.281	-9.6%	Information Services	-0.119	0.000	-4.1%	0.0%	0.162	57.7%
-2.843	-11.6%	Education and Health	-0.761	0.010	-3.1%	0.0%	2.082	73.2%
-8.224	-48.6%	Leisure & Hospitality	-1.222	0.053	-7.2%	0.3%	7.002	85.1%
-1.009	-4.4%	Government	-0.927	-0.012	-4.1%	-0.1%	0.082	8.1%

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

Continued from page 3

softened somewhat, to +35,000 in November and +22,000 in December. Construction's NSA unemployment rate in December was 5.0%, a slight setback from November's 4.7%, but a vast improvement on December 2020's 9.6%. The latest economy-wide NSA U rate is 3.7%. (The SA U rate, usually termed the 'headline' rate, is presently 3.9%.)

Total U.S. employment ended 2021 +4.5% y/y, with construction as a subset of 'all jobs' at +2.2% y/y. Other corners of the economy with close ties to the building sector saw the following December 2021 year-over-year changes in number of jobs: machinery and equipment rental and leasing, +7.0%; architectural and engineering services, +5.5%; real estate firms, +4.0%; oil and gas extraction, +3.9%; cement and concrete product manufacturing, -0.3%; and building material and supplies dealers, -3.8%.

The +3.9% y/y jobs gain in energy extraction is thanks to the upwards price momentum that has spurred renewed investor interest. And the stellar +5.5% y/y jump for employment with project design firms bodes well for eventual sitework resulting from the lead-lag relationship.

Pluses and Minuses among the Type of Structure Sub-categories

December's -16.8% month-to-month (m/m) decrease in total nonresidential starts was forced by big declines in industrial (-85.7%) and engineering (-26.0%) that weren't compensated by commercial staying even (+0.6%) and institutional making a modest gain (+5.4%).

The +7.0% performance of total nonresidential starts in December of this year versus December of last year (y/y) was due to upticks in commercial (+45.7%) and institutional (+15.6%) that overcame downdrafts in industrial (-52.9%) and engineering (-13.6%).

Year-to-date (ytd) total non-residential starts in the 12th month of 2021 were -0.5% thanks to offsetting changes in smaller-volume industrial (+41.7%) and bigger-volume institutional (-8.5%), while engineering (+0.9%) and commercial (-2.5%) didn't move much. Ytd in December is the same as 'full year' or 'annual'.

There are two dominant sub-categories of total nonresidential starts. When the annual volumes of 'roads/highways' and 'schools/colleges' are added together, they accounted for nearly one-third of total nonresidential activity in 2021 (i.e., shares of 16.8% and 14.6%, summing to 31.4%).

The three percentage-change metrics for street starts in December 2021 were -28.7% m/m, but +6.3% y/y and +6.0% ytd. The key corresponding results for school starts were +2.3% m/m and +2.8% y/y, but -12.9% ytd. From Table 3, 2021 annual starts for K-12 academia (-11.1%) were a little less negative than for colleges/universities (-19.3%).

The third largest contributor to total nonresidential starts in full year 2021 was the 'water/sewage' sub-category. In December 2021, the dollar volume of 'water/sewage' work was -10.2% m/m and -2.7% y/y, but +9.1% ytd.

A consolidated health care sub-category of 'hospitals/clinics', 'nursing/assisted living' and 'miscellaneous medical' recorded starts in December 2021 that were: -22.8% m/m, -16.6% y/y and -0.5% ytd. (Their combined share of 2021's annual total nonresidential was 7.2%.)

'Hospital/clinic' starts on their own in the latest month were -36.7% m/m but +42.2% y/y and +24.3% ytd. Annual 'nursing/assisted living' starts were surprisingly weak, -24.2%.

Within institutional starts, 'military' turned in some strong percentage changes in the final month of 2021: +44.2% m/m; +354.3% y/y; and +11.3% ytd (see Top 10 project starts list on page 8).

Within commercial starts, the deep depressions in 'hotel/motel' and 'private office' work were confirmed with full year 2021 results of -35.9% and -30.0% respectively. But on the upside, 'miscellaneous commercial' ended 2021 +114.5%, thanks mainly to 'transportation terminals' being +294.2% (again, see the Top 10 report, page 8).

Warehouse starts, so bullish in 2020, were -63.2% m/m,

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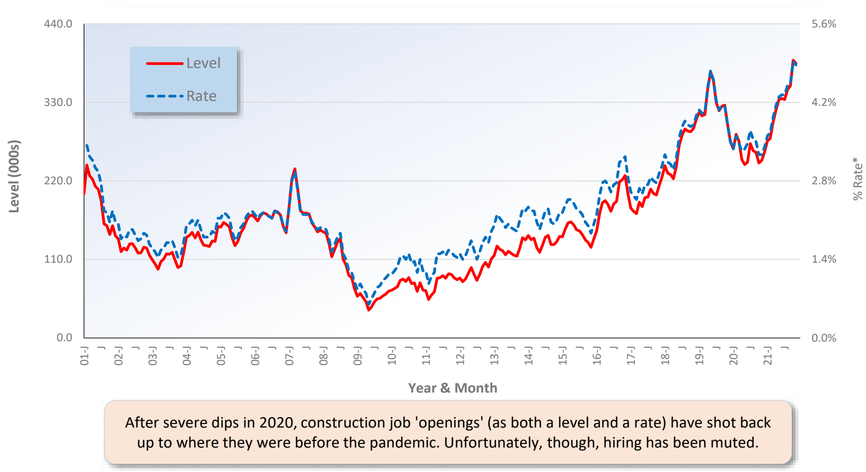
TABLE 3: CONSTRUCTION STARTS IN SOME ADDITIONAL TYPE OF STRUCTURE SUB-CATEGORIES — ConstructConnect®

	Jan-Dec 2021 ($ billions)	% Change vs Jan-Dec 2020
Sports Stadiums/Convention Centers	$5.445	20.6%
Transportation Teminals	$9.308	294.2%
Courthouses	$2.485	4.6%
Police Stations & Fire Halls	$3.008	-9.2%
Prisons	$2.260	-5.4%
Pre-School/Elementary	$15.429	-22.2%
Junior & Senior High Schools	$26.926	-3.2%
K-12 (sum of above two categories)	$42.355	-11.1%
Special & Vocational Schools	$1.973	0.9%
Colleges & Universities	$14.467	-19.3%
Electric Power Infrastructure	$8.749	91.9%

Source: ConstructConnect/Table: ConstructConnect.

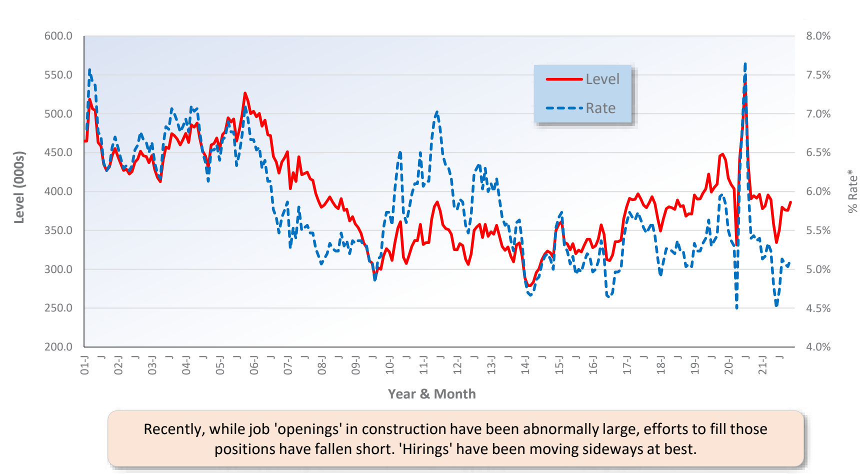
GRAPH 5: U.S. CONSTRUCTION JOB OPENINGS (FROM JOLTS REPORT) (3-MONTH MOVING AVERAGES PLACED IN LATEST MONTH)



*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 November 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)



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

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

Continued from page 4

-24.0% y/y and -2.3% ytd in December of the year just exited.

An Examination of 'Not Smoothed' JOLTS Results

For ease of viewing, the curves in Graphs 5 and 6 show 'smoothed' (i.e., three-month moving average) versions of the JOLTS series. On an individual monthly (i.e., not-smoothed) basis in November, the level of job openings in construction fell from 455,000 to 345,000 and the rate retreated from 5.7% to 4.4%. There was more 'actual' month-to-month deterioration in 'openings' than is readily apparent from the charted results.

While 'openings' stepped back more on a 'not-smoothed' versus 'smoothed' basis in the latest month (November 2021), 'hires' did the opposite. Not-smoothed hires in construction went from 375,000 to 423,000 as a level and from 5.0% to 5.6% as a rate.

Omicron Caveat's Impact on the Trend Graphs

With the exceptions of the ongoing downward sloping curves for 'private office buildings' and 'schools/colleges', the 12-month moving average trend graphs on page 9 are moving sideways. They're poised for breakouts on the upside, but the Omicron caveat can't be ignored. No one is sure how bad the current coronavirus outbreak will become, nor to what degree the overall economy may be set back.

2022 will also see entry into a year in which interest rate increases, engineered by the Federal Reserve to deal with an all-items Consumer Price Index inflation rate of +7.0% year over year, will factor into construction go-ahead decision making. There's underlying potential buoyancy in capital spending, especially with a trillion-dollar infrastructure package being sorted out, but there are extraordinary challenges to be faced as well.

Wage Hikes Touch on +6% Y/Y

Tables B-3 and B-8 of the monthly *Employment Situation* report, from the BLS, 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 Table B-3 (including bosses), 'all jobs' earnings y/y in December were +4.7% both hourly and weekly. Construction workers, encompassed within 'all jobs', weren't far off the mark, +4.6% hourly and +4.9% weekly. From Table B-8 (leaving out bosses), the y/y 'all jobs' compensation climbs were +5.8% both hourly and weekly. Construction workers fell a little short hourly, +5.3%, but exceeded the 'standard' weekly, +6.1%.

Still Formidable Material Cost Pressure

December's y/y results for three building related BLS Producer Price Index (PPI) series were as follows: (A) 'construction materials special index', +34.9% (about even with November's +34.6%); (B) 'inputs to new construction index, excluding capital investment, labor, and imports', +18.3% (down a bit from the previous month's +19.8%); and (C) 'final demand construction', designed to capture bid

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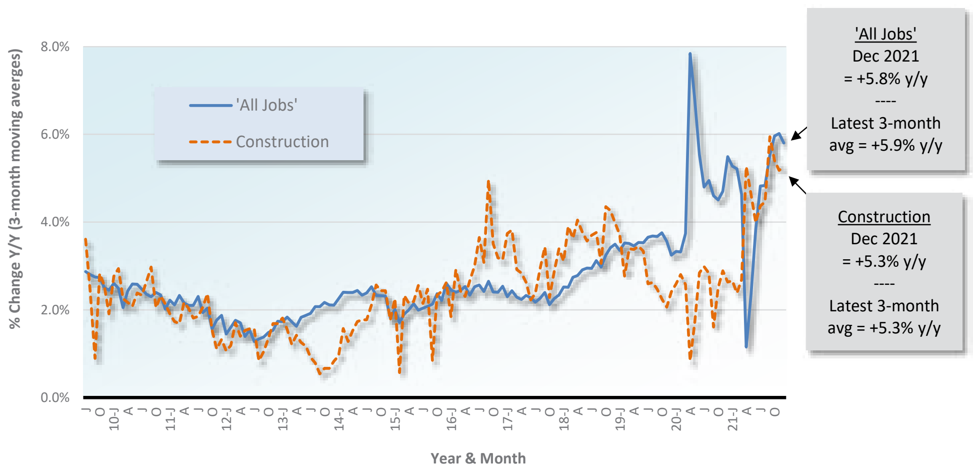
GRAPH 7: AVERAGE HOURLY EARNINGS Y/Y — 'ALL JOBS' & CONSTRUCTION

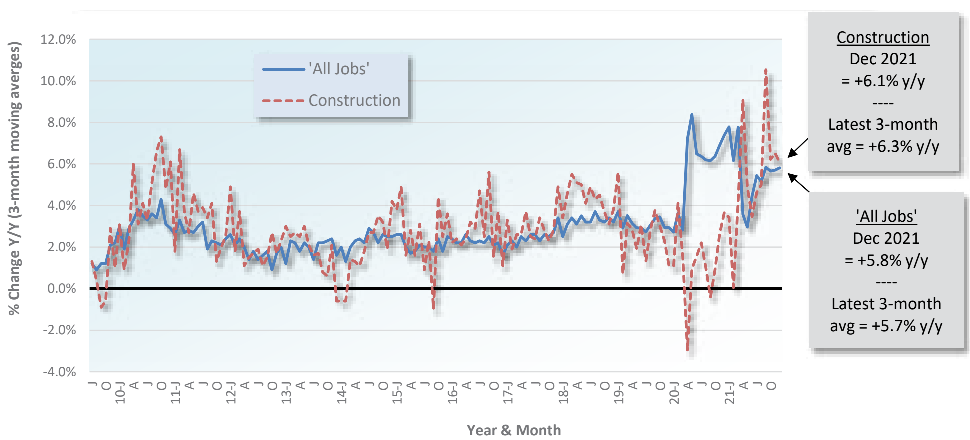


Hourly wage increases for 'all jobs' and for 'construction workers' as a subset have now moved above +5.0% y/y. The average increase for 'all jobs' from 2010 to 2019 was +2.4%; for 'construction workers', +2.3%. There's been more than a doubling.

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

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

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



Weekly earnings paid to construction workers soared to +10.5% y/y in September, 2021. They've since decelerated to a still 'hot' +6.1% y/y. The NSA unemployment rate in construction is presently 5.0%, a little looser than the 3.7% figure for 'all jobs'.

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

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

Continued from page 5

prices, +12.4% (ahead slightly versus November's +12.0%).

(A) comes from a data series with a long history, but it's confined to a limited number of major construction materials. (B) has a shorter history, but it's more comprehensive in its coverage, although it includes some items (e.g., transportation) that aren't strictly materials.

Concerning the cost of some major construction material inputs, as revealed in the PPI data set published by the BLS, asphalt in December was +69.5% year over year; hot rolled steel bars, plates, and structural shapes, +58.9%; aluminum sheet and strip, +31.1%; copper wire and cable, +20.7%; gypsum, also +20.7% softwood lumber, +12.6%; ready-mix concrete, +7.1%; and cement, +4.2%.

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.

December 2021's 'Grand Total' Starts +5.9% Ytd

From Table 10 on page 11 of this report, ConstructConnect's total residential starts in December were -16.7% m/m and -8.8% y/y, but +14.5% ytd. Multi-family starts in December were -54.3% m/m and -34.4% y/y, but +8.1% ytd. Single-family starts were -1.0% m/m and -1.5% y/y, but +16.9% ytd.

Including home building with all nonresidential categories, Grand Total starts in December 2021 were -16.7% m/m and -1.2% y/y, but +5.9% 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-Dec 2021	% Change vs Jan-Dec 2020
1	Texas	$46,906,464,503	-9.9%
2	California	$39,564,032,616	-1.1%
3	Florida	$24,015,809,974	-0.5%
4	New York	$21,474,699,600	9.4%
5	Arizona	$16,184,859,031	98.4%
6	North Carolina	$14,368,870,348	33.8%
7	Ohio	$14,146,647,353	-5.0%
8	Pennsylvania	$13,233,782,933	14.4%
9	Illinois	$12,621,626,810	-18.0%
10	Massachusetts	$11,939,559,111	23.3%
11	Georgia	$10,922,906,086	-14.2%
12	Virginia	$9,614,946,223	-10.1%
13	Minnesota	$9,592,629,924	8.2%
14	Tennessee	$9,169,030,095	10.7%
15	Louisiana	$8,803,042,880	86.9%
16	Michigan	$8,586,169,130	12.3%
17	Missouri	$8,261,490,776	-13.1%
18	Indiana	$8,129,056,778	-2.5%
19	Washington	$7,626,931,359	-41.4%
20	Colorado	$7,137,589,856	1.6%

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-Dec 2021	% Change vs Jan-Dec 2020
1	Texas	$26,935,046,551	-17.6%
2	California	$25,191,936,295	16.1%
3	Florida	$15,389,020,058	0.4%
4	Arizona	$14,246,710,851	131.0%
5	New York	$13,406,446,194	-6.6%
6	North Carolina	$10,630,058,272	28.3%
7	Ohio	$9,214,502,525	-6.5%
8	Pennsylvania	$8,969,884,191	30.6%
9	Georgia	$7,131,886,501	-18.1%
10	Tennessee	$6,641,547,304	6.8%
11	Virginia	$6,516,714,359	-4.7%
12	Massachusetts	$6,347,528,921	-5.3%
13	Louisiana	$6,285,200,977	264.3%
14	Illinois	$6,262,273,666	-25.6%
15	Missouri	$5,565,739,397	-22.8%
16	Indiana	$4,838,807,945	-2.8%
17	Washington	$4,718,205,913	-20.5%
18	Alabama	$4,560,578,659	25.2%
19	Maryland	$4,544,831,542	-12.0%
20	Michigan	$4,246,988,192	-3.1%

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

		Jan-Dec 2021	% Change vs Jan-Dec 2020
1	Texas	$19,971,417,952	3.2%
2	California	$14,372,096,321	-21.5%
3	Florida	$8,626,789,916	-2.0%
4	New York	$8,068,253,406	52.8%
5	Illinois	$6,359,353,144	-8.8%
6	Minnesota	$6,270,536,673	38.1%
7	Massachusetts	$5,592,030,190	87.3%
8	Ohio	$4,932,144,828	-1.9%
9	Michigan	$4,339,180,938	32.9%
10	Pennsylvania	$4,263,898,742	-9.3%
11	Georgia	$3,791,019,585	-6.0%
12	North Carolina	$3,738,812,076	52.2%
13	Wisconsin	$3,493,551,632	8.5%
14	Indiana	$3,290,248,833	-1.9%
15	New Jersey	$3,215,395,723	-8.2%
16	Virginia	$3,098,231,864	-19.5%
17	Colorado	$2,957,477,518	27.7%
18	Washington	$2,908,725,446	-59.0%
19	Missouri	$2,695,751,379	17.6%
20	Tennessee	$2,527,482,791	22.1%

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

	Jan-Dec 2021 ($ billions)	% Change Jan-Dec 21 vs Jan-Dec 20	% Change Dec 21 vs Dec 20	% Change Dec 21 vs Nov 21
Summary				
CIVIL	156.099	0.9%	-13.6%	-26.0%
NONRESIDENTIAL BUILDING	246.109	-1.3%	22.2%	-11.0%
RESIDENTIAL	345.027	14.5%	-8.8%	-16.7%
GRAND TOTAL	747.235	5.9%	-1.2%	-16.7%
Verticals				
Airport	5.175	-14.2%	57.5%	21.3%
All Other Civil	14.008	-22.9%	-51.2%	-40.7%
Bridges	18.037	-20.8%	-62.1%	-39.7%
Dams / Canals / Marine Work	8.561	3.4%	156.6%	-27.1%
Power Infrastructure	8.749	91.9%	7.9%	-18.2%
Roads	67.464	6.0%	6.3%	-28.7%
Water and Sewage Treatment	34.105	9.1%	-2.7%	-10.2%
CIVIL	156.099	0.9%	-13.6%	-26.0%
Offices (private)	18.115	-30.0%	-48.8%	-48.9%
Parking Garages	1.653	-5.0%	-10.9%	27.9%
Transportation Terminals	9.308	294.2%	3789.7%	744.6%
Commercial (small subset)	29.075	-3.1%	151.9%	114.9%
Amusement	6.428	2.0%	-25.0%	-8.3%
Libraries / Museums	2.571	-32.5%	37.6%	135.9%
Religious	0.957	-41.0%	-84.4%	-72.6%
Sports Arenas / Convention Centers	5.445	20.6%	562.4%	1.8%
Community	15.401	-5.2%	16.0%	9.9%
College / University	14.467	-19.3%	-38.9%	-39.5%
Elementary / Pre School	15.429	-22.2%	-8.5%	34.8%
Jr / Sr High School	26.926	-3.2%	40.2%	17.0%
Special / Vocational	1.973	0.9%	254.5%	96.4%
Educational	58.795	-12.9%	2.8%	2.3%
Courthouses	2.485	4.6%	21.6%	633.6%
Fire and Police Stations	3.008	-9.2%	-30.0%	-42.6%
Government Offices	12.131	13.8%	14.4%	-14.1%
Prisons	2.260	-5.4%	54.5%	-32.8%
Government	19.883	6.1%	10.9%	4.1%
Industrial Labs / Labs / School Labs	2.189	-6.9%	-63.6%	-26.4%
Manufacturing	30.799	41.7%	-52.9%	-85.7%
Warehouses	25.605	-2.3%	-24.0%	-63.2%
Industrial	58.593	16.5%	-38.7%	-73.5%
Hospitals / Clinics	16.593	24.3%	42.2%	-36.7%
Medical Misc.	6.628	-19.3%	-42.6%	-9.2%
Nursing Homes	5.670	-24.2%	-53.0%	74.8%
Medical	28.891	-0.5%	-16.6%	-22.8%
Military	10.251	11.3%	354.3%	44.2%
Hotels	6.533	-35.9%	31.9%	-50.4%
Retail Misc.	6.115	5.5%	-23.2%	-27.1%
Shopping	12.572	2.4%	-22.8%	-35.9%
Retail	25.219	-10.8%	-15.3%	-37.6%
NONRESIDENTIAL BUILDING	246.109	-1.3%	22.2%	-11.0%
Multi-Family	88.747	8.1%	-34.4%	-54.3%
Single-Family	256.280	16.9%	-1.5%	-1.0%
RESIDENTIAL	345.027	14.5%	-8.8%	-16.7%
NONRESIDENTIAL	402.208	-0.5%	7.0%	-16.8%
GRAND TOTAL	747.235	5.9%	-1.2%	-16.7%

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 DECEMBER 2021

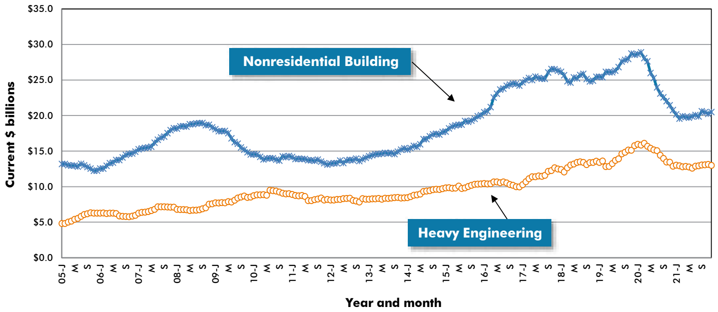
LOCATION (EAST TO WEST)	TYPE OF CONSTRUCTION	DESCRIPTION	SQUARE FEET 000S*	DOLLARS 000,000S
Massachusetts Somerville	Commercial	Xmbly Mixed-Use Development (Offices & Residential) (7 structures; 42 stories; 329 units) 5 Middlesex Ave Novaya Real Estate Ventures	1,577	$500
New York Queens	Institutional	New Six (6) Story School Building (2 structures; 6 stories) 60-53 Northern Blvd New York City School Construction Authority (NYCSCA)	308	$179
North Carolina Fletcher	Commercial	Asheville Regional Airport (AVL) Terminal Building Modernization Project (4 structures; 2 stories) 61 Terminal Dr Greater Asheville Regional Airport Authority	275	$200
Kentucky Grand Rivers	Civil/Engineering	Kentucky Lock-Downstream Lock Monolith Construction (1 structure) Livingston County US Army Corps of Engineers - Nashville District	*	$380
Louisiana Barksdale AFB	Institutional	Barksdale AFB Entry Control Facility - Design/Build (1 structure) 425 Lindbergh Rd US Air Force - Barksdale Air Force Base 2 CONS	100	$900
Texas Wichita Falls	Institutional	Wichita Falls Legacy and Wichita Falls Memorial High Schools (Bond Issuance) (2 structures) Wichita Falls Independent School District	1,368	$237
California San Diego	Commercial	San Diego International Airport Terminal Replacement (6 structures; 5 stories) 3225 N Harbor Dr San Diego County Regional Airport Authority	1,160	$3,400
Marina del Rey	Institutional	Cedars-Sinai Marina Del Rey Hospital Replacement (2 structures; 9 stories; 96 beds) 4650 Lincoln Blvd Cedars-Sinai Medical Center - Facilities	230	$500
Modesto	Institutional	New Modesto Courthouse (2 structures; 8 stories) 9th St Judicial Council of California	309	$279
Hawaii Honolulu	Institutional	NAVFAC HI MACC JBPHH Replace PACAF Wing Headquarters Roof, Bldg. 1102H (1 structure) Joint Base Pearl Harbor-Hickam Department of the Navy - NAVFAC Hawaii	*	$499
TOTALS:			**5,327**	**$7,074**

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

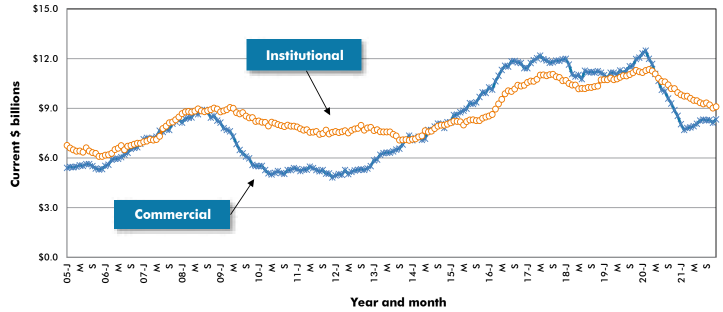
Source: ConstructConnect/Table: ConstructConnect.

Trend graphs for 12 key categories

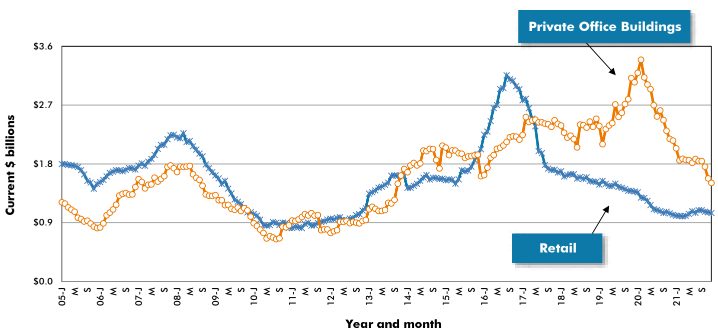
GRAPH 9: U.S. NONRESIDENTIAL CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



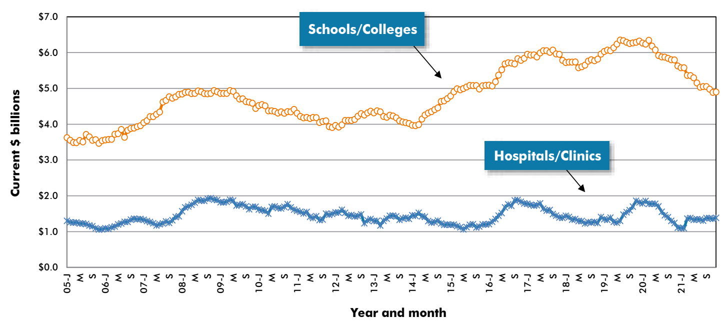
GRAPH 10: U.S. COMMERCIAL AND INSTITUTIONAL CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



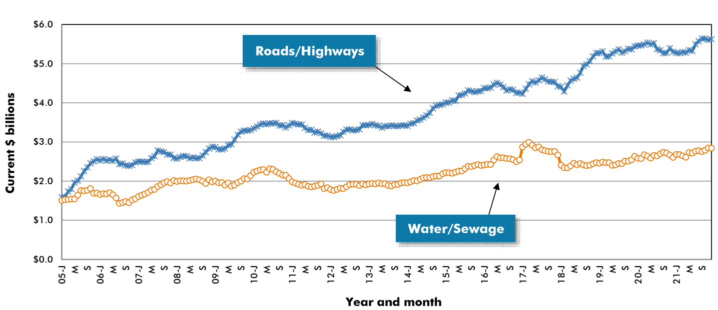
GRAPH 11: U.S. RETAIL AND PRIVATE OFFICE BUILDING CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



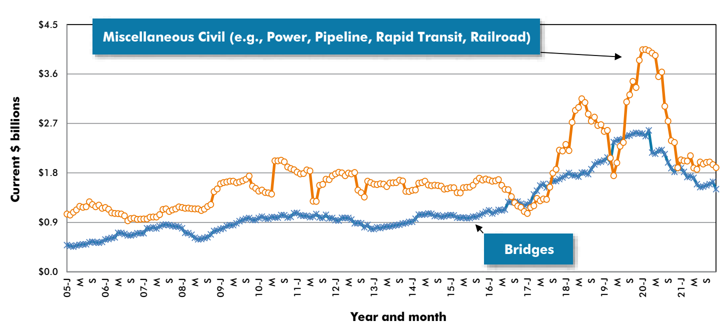
GRAPH 12: U.S. HOSPITAL/CLINIC AND SCHOOL/COLLEGE CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



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 December, 2021.

Source: ConstructConnect/Charts: ConstructConnect.

Regional starts table

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

	Jan-Dec 2020	Jan-Dec 2021	% Change
Connecticut	$3,779,303,630	$2,874,464,911	-23.9%
Maine	$1,716,008,153	$3,052,827,685	77.9%
Massachusetts	$9,686,098,515	$11,939,559,111	23.3%
New Hampshire	$1,085,020,059	$1,482,902,035	36.7%
Rhode Island	$709,925,795	$931,009,109	31.1%
Vermont	$568,493,504	$396,705,527	-30.2%
Total New England	$17,544,849,656	$20,677,468,378	17.9%
New Jersey	$8,002,307,877	$6,593,731,330	-17.6%
New York	$19,636,876,439	$21,474,699,600	9.4%
Pennsylvania	$11,571,401,703	$13,233,782,933	14.4%
Total Middle Atlantic	$39,210,586,019	$41,302,213,863	5.3%
TOTAL NORTHEAST	$56,755,435,675	$61,979,682,241	9.2%
Illinois	$15,389,162,760	$12,621,626,810	-18.0%
Indiana	$8,334,242,498	$8,129,056,778	-2.5%
Michigan	$7,646,360,761	$8,586,169,130	12.3%
Ohio	$14,883,828,145	$14,146,647,353	-5.0%
Wisconsin	$8,929,160,523	$7,005,621,085	-21.5%
Total East North Central	$55,182,754,687	$50,489,121,156	-8.5%
Iowa	$4,961,566,130	$5,174,765,743	4.3%
Kansas	$5,295,052,134	$3,656,775,587	-30.9%
Minnesota	$8,863,415,596	$9,592,629,924	8.2%
Missouri	$9,503,078,176	$8,261,490,776	-13.1%
Nebraska	$4,403,862,764	$3,688,124,048	-16.3%
North Dakota	$2,375,140,081	$2,095,177,713	-11.8%
South Dakota	$1,329,610,413	$1,898,529,069	42.8%
Total West North Central	$36,731,725,294	$34,367,492,860	-6.4%
TOTAL MIDWEST	$91,914,479,981	$84,856,614,016	-7.7%
Delaware	$1,606,159,173	$1,041,962,261	-35.1%
District of Columbia	$926,704,469	$1,210,107,677	30.6%
Florida	$24,135,193,848	$24,015,809,974	-0.5%
Georgia	$12,734,487,696	$10,922,906,086	-14.2%
Maryland	$6,769,024,986	$5,901,956,193	-12.8%
North Carolina	$10,738,841,855	$14,368,870,348	33.8%
South Carolina	$5,426,049,655	$5,350,117,489	-1.4%
Virginia	$10,691,111,853	$9,614,946,223	-10.1%
West Virginia	$2,532,356,277	$1,279,746,323	-49.5%
Total South Atlantic	$75,559,929,812	$73,706,422,574	-2.5%
Alabama	$5,242,407,923	$6,474,687,891	23.5%
Kentucky	$5,570,543,114	$5,642,781,180	1.3%
Mississippi	$3,104,152,832	$2,660,178,238	-14.3%
Tennessee	$8,286,032,127	$9,169,030,095	10.7%
Total East South Central	$22,203,135,996	$23,946,677,404	7.9%
Arkansas	$4,412,629,659	$2,916,373,904	-33.9%
Louisiana	$4,710,320,041	$8,803,042,880	86.9%
Oklahoma	$4,346,001,951	$4,643,978,262	6.9%
Texas	$52,064,732,741	$46,906,464,503	-9.9%
Total West South Central	$65,533,684,392	$63,269,859,549	-3.5%
TOTAL SOUTH	$163,296,750,200	$160,922,959,527	-1.5%
Arizona	$8,159,493,851	$16,184,859,031	98.4%
Colorado	$7,022,780,519	$7,137,589,856	1.6%
Idaho	$1,454,725,964	$1,342,029,430	-7.7%
Montana	$1,561,144,254	$1,168,452,606	-25.2%
Nevada	$3,655,397,077	$4,185,387,575	14.5%
New Mexico	$2,097,856,409	$1,879,387,878	-10.4%
Utah	$6,382,450,149	$5,092,204,088	-20.2%
Wyoming	$991,188,909	$1,004,201,780	1.3%
Total Mountain	$31,325,037,132	$37,994,112,244	21.3%
Alaska	$1,467,595,212	$1,299,129,194	-11.5%
California	$40,001,388,972	$39,564,032,616	-1.1%
Hawaii	$2,035,559,494	$2,578,806,757	26.7%
Oregon	$4,234,572,828	$5,385,845,164	27.2%
Washington	$13,024,155,850	$7,626,931,359	-41.4%
Total Pacific	$60,763,272,356	$56,454,745,090	-7.1%
TOTAL WEST	$92,088,309,488	$94,448,857,334	2.6%
TOTAL U.S.	$404,054,975,344	$402,208,113,118	-0.5%

*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 — DECEMBER 2021 — ConstructConnect®
BILLIONS OF CURRENT $S, NOT SEASONALLY ADJUSTED (NSA)

	Latest month actuals			Moving averages (placed in end month) 3-months			Moving averages (placed in end month) 12-months			Year to Date.	
	Oct 21	Nov 21	Dec 21	Oct 21	Nov 21	Dec 21	Oct 21	Nov 21	Dec 21	Jan-Dec 2020	Jan-Dec 2021
Single Family	20.276	19.858	19.668	21.355	20.489	19.934	21.336	21.381	21.357	219.290	256.280
month-over-month % change	-5.0%	-2.1%	-1.0%	-5.4%	-4.1%	-2.7%	-0.7%	0.2%	-0.1%		
year-over-year % change	-8.2%	2.8%	-1.5%	0.6%	-1.6%	-2.5%	21.4%	19.4%	16.9%	10.3%	16.9%
Apartment	6.458	8.273	3.777	7.047	6.744	6.170	7.482	7.560	7.396	82.135	88.747
month-over-month % change	17.4%	28.1%	-54.3%	-3.5%	-4.3%	-8.5%	-1.6%	1.0%	-2.2%		
year-over-year % change	-18.6%	12.7%	-34.4%	-1.0%	-8.4%	-12.0%	3.2%	6.7%	8.1%	-17.1%	8.1%
TOTAL RESIDENTIAL	26.735	28.131	23.446	28.402	27.233	26.104	28.819	28.941	28.752	301.425	345.027
month-over-month % change	-0.4%	5.2%	-16.7%	-5.0%	-4.1%	-4.1%	-0.9%	0.4%	-0.7%		
year-over-year % change	-10.9%	5.5%	-8.8%	0.2%	-3.4%	-4.9%	16.1%	15.8%	14.5%	1.2%	14.5%
Hotel/Motel	0.638	0.511	0.254	0.557	0.591	0.468	0.582	0.539	0.544	10.194	6.533
month-over-month % change	2.4%	-19.9%	-50.4%	-1.6%	6.2%	-20.9%	0.4%	-7.4%	0.9%		
year-over-year % change	4.7%	-50.3%	31.9%	-5.5%	-19.5%	-23.4%	-49.6%	-46.3%	-35.9%	-56.7%	-35.9%
Retail/Shopping	0.869	0.852	0.546	1.173	0.913	0.756	1.068	1.061	1.048	12.279	12.572
month-over-month % change	-14.5%	-1.9%	-35.9%	3.9%	-22.2%	-17.2%	-2.2%	-0.6%	-1.3%		
year-over-year % change	-24.6%	-8.4%	-22.8%	5.5%	-12.3%	-18.7%	-0.2%	1.8%	2.4%	-25.6%	2.4%
Parking Garages	0.148	0.072	0.092	0.125	0.100	0.104	0.141	0.139	0.138	1.740	1.653
month-over-month % change	82.2%	-51.8%	27.9%	-7.2%	-19.6%	3.3%	0.8%	-1.4%	-0.7%		
year-over-year % change	10.1%	-25.2%	-10.9%	-16.6%	-16.5%	-6.5%	-13.2%	-5.6%	-5.0%	-45.0%	-5.0%
Amusement	0.503	0.350	0.321	0.482	0.401	0.391	0.547	0.545	0.536	6.300	6.428
month-over-month % change	44.1%	-30.4%	-8.3%	-31.5%	-16.9%	-2.3%	-2.9%	-0.4%	-1.6%		
year-over-year % change	-28.4%	-6.5%	-25.0%	-11.7%	-27.1%	-22.0%	-0.2%	0.3%	2.0%	-17.1%	2.0%
Office	0.574	1.675	0.855	1.783	1.237	1.035	1.756	1.577	1.510	25.893	18.115
month-over-month % change	-60.8%	191.8%	-48.9%	-21.1%	-30.6%	-16.4%	-4.8%	-10.2%	-4.3%		
year-over-year % change	-65.0%	-56.1%	-48.8%	-21.0%	-46.2%	-56.4%	-23.8%	-27.7%	-30.0%	-29.2%	-30.0%
Governmental Offices	0.870	0.996	0.855	1.057	0.932	0.907	0.981	1.002	1.011	10.663	12.131
month-over-month % change	-6.3%	14.4%	-14.1%	-26.0%	-11.9%	-2.6%	1.3%	2.1%	0.9%		
year-over-year % change	21.5%	33.7%	14.4%	-4.8%	-12.2%	23.2%	6.8%	12.6%	13.8%	-9.2%	13.8%
Laboratories	0.129	0.139	0.103	0.176	0.141	0.124	0.201	0.197	0.182	2.351	2.189
month-over-month % change	-15.4%	7.6%	-26.4%	-31.3%	-20.3%	-12.0%	-4.4%	-1.6%	-7.6%		
year-over-year % change	-46.0%	-21.7%	-63.6%	-10.9%	-35.1%	-46.9%	1.0%	-0.4%	-6.9%	-2.7%	-6.9%
Warehouse	1.628	2.702	0.994	2.102	2.231	1.775	2.156	2.160	2.134	26.219	25.605
month-over-month % change	-31.1%	66.0%	-63.2%	-6.0%	6.1%	-20.5%	-3.1%	0.2%	-1.2%		
year-over-year % change	-33.5%	1.7%	-24.0%	-2.6%	-1.3%	-17.0%	-2.1%	-4.1%	-2.3%	16.2%	-2.3%
Misc Commercial	2.893	0.804	4.126	1.391	1.414	2.608	0.866	0.898	1.229	6.877	14.753
month-over-month % change	430.7%	-72.2%	413.4%	132.5%	1.6%	84.4%	32.6%	3.8%	36.9%		
year-over-year % change	746.6%	95.1%	2618.9%	147.3%	208.0%	763.9%	18.4%	41.9%	114.5%	-66.6%	114.5%
TOTAL COMMERCIAL	8.253	8.100	8.147	8.846	7.959	8.167	8.296	8.118	8.332	102.516	99.978
month-over-month % change	9.7%	-1.8%	0.6%	-5.0%	-10.0%	2.6%	0.3%	-2.1%	2.6%		
year-over-year % change	3.4%	-20.9%	45.7%	1.9%	-9.0%	2.9%	-10.7%	-8.7%	-2.5%	-29.2%	-2.5%
TOTAL INDUSTRIAL (Manufacturing)	2.551	2.819	0.403	4.816	5.361	1.925	2.450	2.604	2.567	21.741	30.799
month-over-month % change	-76.2%	10.5%	-85.7%	0.3%	11.3%	-64.1%	-1.9%	6.3%	-1.5%		
year-over-year % change	-18.2%	192.1%	-52.9%	64.6%	157.5%	16.9%	20.4%	38.8%	41.7%	-61.0%	41.7%
Religious	0.042	0.100	0.027	0.083	0.064	0.056	0.096	0.092	0.080	1.623	0.957
month-over-month % change	-14.0%	135.0%	-72.6%	-0.2%	-23.5%	-11.5%	-6.9%	-4.1%	-13.4%		
year-over-year % change	-66.9%	-32.2%	-84.4%	-31.6%	-52.8%	-62.4%	-29.4%	-29.2%	-41.0%	-14.1%	-41.0%
Hosptials/Clinics	1.098	1.600	1.012	1.250	1.508	1.236	1.372	1.358	1.383	13.352	16.593
month-over-month % change	-39.9%	45.7%	-36.7%	0.7%	20.6%	-18.0%	-0.7%	-1.0%	1.8%		
year-over-year % change	-9.7%	-9.5%	42.2%	11.3%	15.3%	0.4%	5.3%	9.8%	24.3%	-38.7%	24.3%
Nursing/Assisted Living	0.539	0.159	0.278	0.524	0.384	0.325	0.535	0.499	0.473	7.485	5.670
month-over-month % change	18.3%	-70.5%	74.8%	1.3%	-26.7%	-15.4%	-1.2%	-6.9%	-5.2%		
year-over-year % change	-13.0%	-73.5%	-53.0%	-26.9%	-41.2%	-46.1%	-13.9%	-18.6%	-24.2%	-22.0%	-24.2%
Libraries/Museums	0.095	0.139	0.328	0.163	0.145	0.187	0.216	0.207	0.214	3.807	2.571
month-over-month % change	-53.2%	46.8%	135.9%	-33.5%	-10.8%	28.8%	-1.3%	-4.1%	3.6%		
year-over-year % change	-27.0%	-43.2%	37.6%	5.0%	-7.7%	-8.3%	-32.9%	-34.3%	-32.5%	-6.5%	-32.5%
Fire/Police/Courthouse/Prison	0.680	0.559	0.763	0.620	0.608	0.667	0.683	0.642	0.646	8.079	7.753
month-over-month % change	16.3%	-17.7%	36.4%	-2.0%	-2.0%	9.8%	0.6%	-6.1%	0.7%		
year-over-year % change	8.3%	-47.1%	7.2%	-18.3%	-21.8%	-16.5%	10.6%	-2.2%	-4.0%	16.4%	-4.0%
Military	1.034	1.191	1.718	0.830	1.024	1.314	0.734	0.743	0.854	9.207	10.251
month-over-month % change	22.1%	15.2%	44.2%	23.2%	23.4%	28.4%	0.7%	1.2%	15.0%		
year-over-year % change	5.9%	9.6%	354.3%	-2.8%	1.8%	61.5%	2.1%	-1.6%	11.3%	82.4%	11.3%
Schools/Colleges	3.385	3.334	3.410	4.495	3.606	3.376	4.976	4.892	4.900	67.540	58.795
month-over-month % change	-17.4%	-1.5%	2.3%	-10.3%	-19.8%	-6.4%	-1.5%	-1.7%	0.2%		
year-over-year % change	-21.1%	-23.3%	2.8%	-5.1%	-15.2%	-15.3%	-14.3%	-15.6%	-12.9%	-11.0%	-12.9%
Misc Medical	0.332	0.495	0.450	0.574	0.564	0.426	0.598	0.580	0.552	8.212	6.628
month-over-month % change	-61.5%	49.0%	-9.2%	-11.1%	-1.9%	-24.4%	-4.2%	-2.9%	-4.8%		
year-over-year % change	-48.6%	-29.9%	-42.6%	-2.7%	-10.6%	-40.2%	-10.3%	-15.6%	-19.3%	-12.1%	-19.3%
TOTAL INSTITUTIONAL	7.205	7.577	7.985	8.540	7.903	7.589	9.210	9.012	9.102	119.305	109.218
month-over-month % change	-19.3%	5.2%	5.4%	-5.6%	-7.5%	-4.0%	-1.3%	-2.2%	1.0%		
year-over-year % change	-16.6%	-23.9%	15.6%	-5.7%	-11.4%	-10.7%	-9.6%	-11.6%	-8.5%	-11.3%	-8.5%
Misc Non Residential	0.589	0.491	0.358	0.526	0.552	0.479	0.522	0.519	0.510	5.794	6.115
month-over-month % change	2.2%	-16.6%	-27.1%	2.5%	5.1%	-13.2%	0.3%	-0.6%	-1.7%		
year-over-year % change	3.0%	-6.7%	-23.2%	2.3%	5.4%	-8.1%	2.0%	7.8%	5.5%	-24.4%	5.5%
TOTAL NON-RES BUILDING	18.598	18.987	16.893	22.727	21.775	18.160	20.478	20.253	20.509	249.356	246.109
month-over-month % change	-33.0%	2.1%	-11.0%	-4.0%	-4.2%	-16.6%	-0.7%	-1.1%	1.3%		
year-over-year % change	-8.4%	-12.4%	22.2%	7.3%	7.4%	-2.4%	-7.0%	-5.5%	-1.3%	-27.2%	-1.3%
Airports	0.438	0.215	0.260	0.523	0.383	0.304	0.458	0.423	0.431	6.028	5.175
month-over-month % change	-11.8%	-50.9%	21.3%	-6.6%	-26.8%	-20.5%	-0.4%	-7.6%	1.9%		
year-over-year % change	-5.1%	-66.0%	57.5%	-16.4%	-35.7%	-27.4%	-8.6%	-19.4%	-14.2%	-18.5%	-14.2%
Roads/Highways	5.078	4.967	3.541	5.341	4.948	4.529	5.637	5.605	5.622	63.653	67.464
month-over-month % change	5.8%	-2.2%	-28.7%	-15.5%	-7.4%	-8.5%	0.0%	-0.6%	0.3%		
year-over-year % change	-0.6%	-7.3%	6.3%	11.9%	2.6%	-1.5%	6.9%	3.9%	6.0%	-2.5%	6.0%
Bridges	1.314	1.626	0.981	1.270	1.391	1.307	1.592	1.637	1.503	22.761	18.037
month-over-month % change	6.5%	23.7%	-39.7%	-4.4%	9.6%	-6.1%	1.3%	2.8%	-8.2%		
year-over-year % change	22.2%	49.5%	-62.1%	19.9%	33.5%	-17.5%	-15.5%	-9.9%	-20.8%	-24.6%	-20.8%
Dams/Marine	0.897	1.416	1.032	0.820	1.078	1.115	0.605	0.661	0.713	8.283	8.561
month-over-month % change	-2.5%	57.8%	-27.1%	16.3%	31.4%	3.4%	-4.7%	9.3%	7.9%		
year-over-year % change	-28.4%	90.3%	156.6%	0.3%	35.2%	39.4%	-15.6%	-4.2%	3.4%	-3.1%	3.4%
Water/Sewage	2.672	2.617	2.351	2.780	2.716	2.547	2.788	2.848	2.842	31.247	34.105
month-over-month % change	-6.6%	-2.1%	-10.2%	-9.1%	-2.3%	-6.2%	1.3%	2.1%	-0.2%		
year-over-year % change	19.4%	37.2%	-2.7%	3.3%	11.6%	16.4%	2.6%	6.8%	9.1%	-1.2%	9.1%
Misc Civil (Power, etc.)	1.380	1.137	0.693	1.474	1.263	1.070	1.995	1.951	1.896	22.727	22.758
month-over-month % change	8.5%	-17.6%	-39.1%	-38.4%	-14.3%	-15.3%	0.3%	-2.2%	-2.8%		
year-over-year % change	5.5%	-31.9%	-48.4%	0.0%	-3.2%	-25.7%	-16.3%	-17.0%	0.1%	-50.8%	0.1%
TOTAL ENGINEERING (Civil)	11.779	11.977	8.859	12.208	11.780	10.872	13.076	13.124	13.008	154.699	156.099
month-over-month % change	1.7%	1.7%	-26.0%	-15.0%	-3.5%	-7.7%	0.2%	0.4%	-0.9%		
year-over-year % change	2.9%	5.1%	-13.6%	6.7%	7.1%	-1.4%	-3.0%	-2.4%	0.9%	-18.3%	0.9%
GRAND TOTAL	57.112	59.096	49.198	63.338	60.788	55.135	62.372	62.319	62.270	705.480	747.235
month-over-month % change	-13.7%	3.5%	-16.7%	-6.7%	-4.0%	-9.3%	-0.6%	-0.1%	-0.1%		
year-over-year % change	-7.5%	-1.1%	-1.2%	3.9%	2.2%	-3.4%	3.4%	4.1%	5.9%	-15.0%	5.9%
NON-RES BLDG + ENGINEERING	***30.377***	***30.964***	***25.752***	***34.936***	***33.555***	***29.031***	***33.554***	***33.377***	***33.517***	***404.055***	***402.208***
month-over-month % change	***-22.7%***	***1.9%***	***-16.8%***	***-8.2%***	***-4.0%***	***-13.5%***	***-0.3%***	***-0.5%***	***0.4%***		
year-over-year % change	***-4.3%***	***-6.4%***	***7.0%***	***7.1%***	***7.3%***	***-2.0%***	***-5.5%***	***-4.3%***	***-0.5%***	***-24.0%***	***-0.5%***

Source: ConstructConnect/Table: ConstructConnect.