

March 2022 (based on February 2022 Starts Stats)

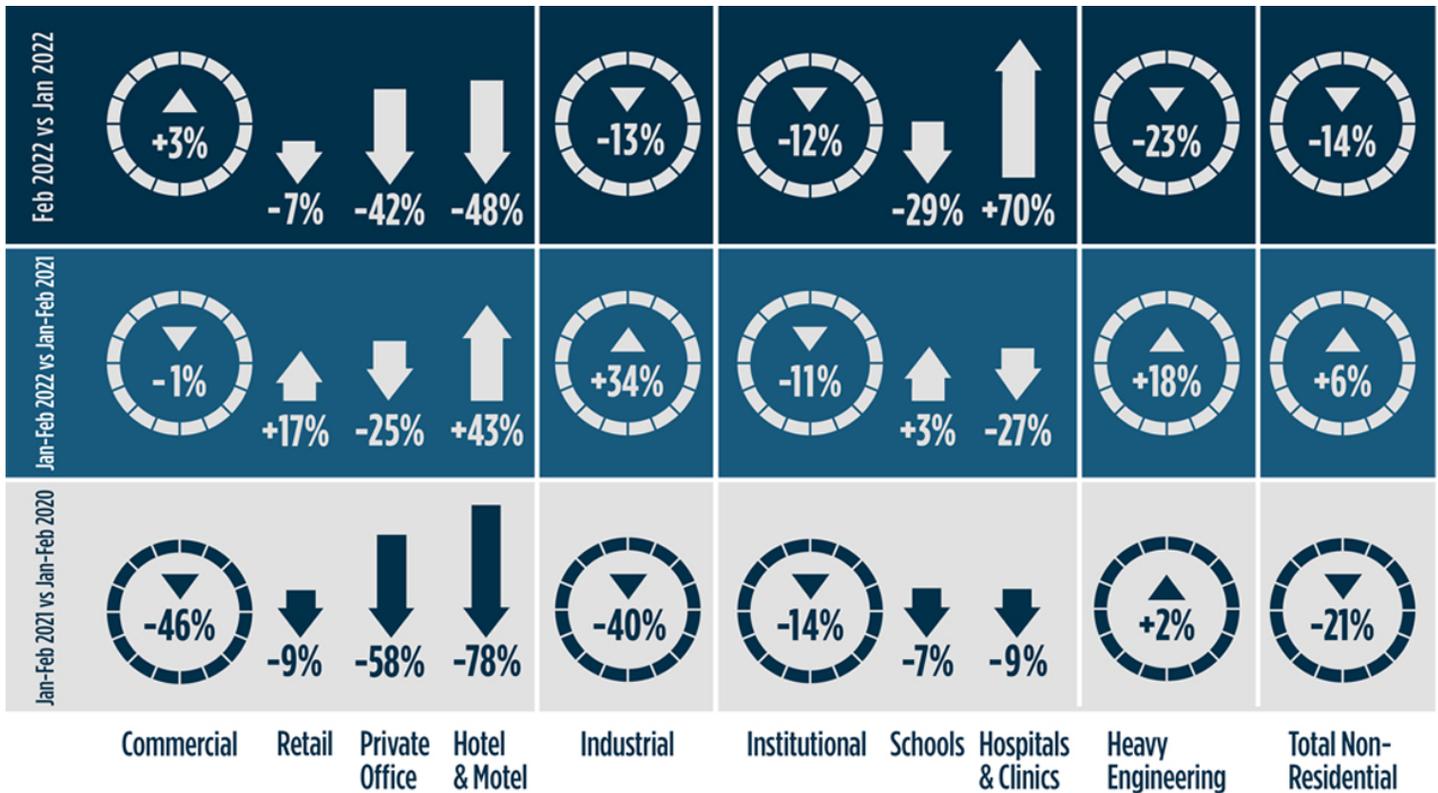
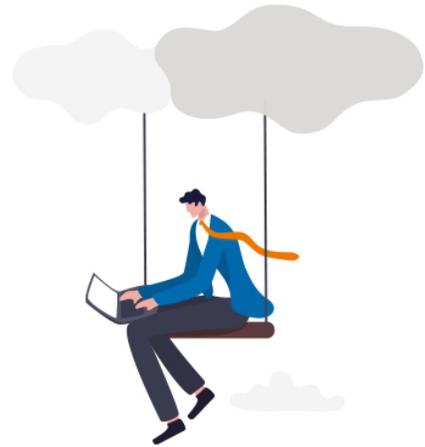
Construction Industry Snapshot



February's Nonresidential Construction Starts -14% M/M, but +16% Y/Y & +6% Ytd

ConstructConnect announced today that February 2022's volume of construction starts, excluding residential work, was \$25.7 billion, a decline of -14.3% compared with January's figure of \$30.0 billion.

On the plus side, the latest month's result was +16.2% versus February of last year. As for year to date, the performance of nonresidential starts has been +5.7% relative to January-February, 2021.



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February's Nonresidential Construction Starts -14% M/M, But +16% Y/Y & +6% Ytd

February Weighed Down by Weather & Host of Worries

ConstructConnect announced today that February 2022's volume of construction starts, excluding residential work, was \$25.7 billion (green shaded box, bottom of page 11), a decline of -14.3% compared with January's figure of \$30.0 billion (previously reported as \$29.2 billion).

On the plus side, the latest month's result was +16.2% versus February of last year. As for year to date, the performance of nonresidential starts has been +5.7% relative to January-February 2021.

In the latest month, there were no mega-sized project start-ups. (A 'mega' carries an estimated value of a billion dollars or more). In January, there had been one such undertaking, the South Fork wind farm for \$2 billion in East Hampton, New York.

February of last year also included a giant project in New York state, but it was a 50-story-plus residential tower at One Wall Street for \$1.5 billion.

Also contributing to the month-to-month decline in February was seasonality. Harsh winter weather normally takes a toll on starts.

Several other worrisome factors, though, are also restraining starts activity. Exceptional material and labor cost increases for projects being contemplated, as part of the run-up in inflation generally, are causing some owners to pause before hitting the 'go-ahead' button. Design and contracting teams are being asked to take another look at where cost savings might be realized.

Additionally, two other extraordinary circumstances are weighing on the project initiation decision. Interest rates are about to begin climbing again, but at what pace and to what eventual height? Also, what will be the full set of ramifications in financial, foreign trade and other economic and social circles from the measures imposed by the U.S. and its allies to rebuke Russia for its attempted takeover of Ukraine?

GRAND TOTAL starts in February 2022 (i.e., including residential activity) were -13.5% m/m, but +1.9% y/y and +2.5% ytd.

Across the Board M/M Weakness

There are three major sub-categories of total starts: residential, nonresidential building and heavy engineering/civil. On a year-to-date basis in February 2022, engineering starts were strongest at +18.1%; residential starts were essentially flat, -0.9%; and nonresidential building starts walked a little behind, -3.2%.

On a month-to-month basis in February, there was nothing but slippage in the starts volumes, with engineering -22.6%; residential, -12.5%; and nonresidential building, -6.4%.

Encouraging Climb in Y/Y Trailing 12-Month Starts

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 February 2022 on a month-to-month basis were +0.1%, which was only a bit less of an uptick than the +0.2% figures recorded in the two preceding months, January 2022, and December 2021.

On a year-over-year basis in February 2022, GT TTM starts were +9.5%, an improvement over January 2022's figure of +8.5%. In turn, the +8.5% was a step up from December 2021's +7.5%. It's encouraging to see the steady gains being made in the y/y results from one month to the next.

Res-to-Nonres Relationship Stays Half-and-Half in 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 from the Census Bureau which are

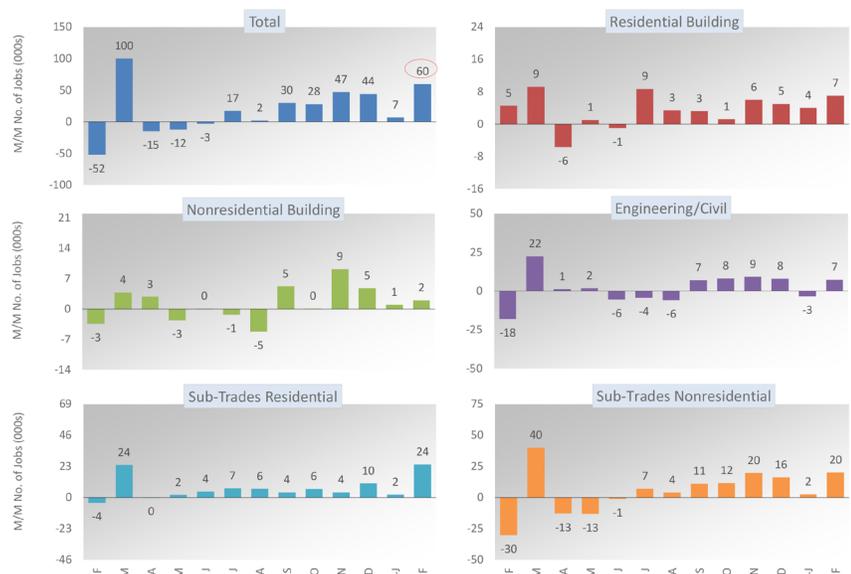
TABLE 1: VALUE OF UNITED STATES NONRESIDENTIAL CONSTRUCTION STARTS — FEBRUARY 2022 (ConstructConnect®)

	Jan-Feb 2022 (\$ billions)	% Change Jan-Feb 22 vs Jan-Feb 21	% Change Feb 22 vs Feb 21	% Change Feb 22 vs Jan 22
Hotel/Motel	1.099	42.8%	4.6%	-47.7%
Retail/Shopping	2.188	17.1%	22.7%	-6.6%
Parking Garage	0.378	-19.3%	-30.2%	-20.4%
Amusement	1.223	42.5%	108.7%	196.2%
Private Office	1.999	-25.1%	-40.9%	-42.2%
Government Office	1.318	-5.4%	-24.4%	-14.6%
Laboratory	0.268	23.1%	41.2%	214.7%
Warehouse	2.065	-32.2%	-39.7%	-30.3%
Miscellaneous Commercial *	1.214	123.5%	312.3%	618.8%
COMMERCIAL (big subset)	11.751	-0.7%	3.9%	3.3%
INDUSTRIAL (Manufacturing)	3.274	33.8%	136.3%	-12.8%
Religious	0.162	35.9%	-18.5%	-55.3%
Hospital/Clinic	1.788	-27.2%	-19.0%	69.6%
Nursing/Assisted Living	0.588	-15.8%	122.8%	182.7%
Library/Museum	0.533	40.8%	44.3%	6.3%
Fire/Police/Courthouse/Prison	0.873	-37.4%	-1.9%	8.5%
Military	0.362	-69.5%	-38.8%	42.4%
School/College	8.470	3.0%	-13.4%	-29.4%
Miscellaneous Medical	0.988	-4.0%	-35.5%	-36.2%
INSTITUTIONAL	13.764	-11.1%	-11.6%	-12.1%
Miscellaneous Non-residential	0.959	-2.5%	-14.4%	-14.9%
NONRESIDENTIAL BUILDING	29.748	-3.2%	1.3%	-6.4%
Airport	0.530	79.7%	7.2%	-49.6%
Road/Highway	11.046	55.6%	55.1%	-2.8%
Bridge	3.923	23.0%	48.7%	-29.0%
Dam/Marine	1.073	23.0%	-13.3%	-50.3%
Water/Sewage	5.159	2.5%	9.8%	-26.2%
Miscellaneous Civil (power, pipelines, etc.)	4.245	-22.9%	104.2%	-43.3%
HEAVY ENGINEERING (Civil)	25.976	18.1%	43.0%	-22.6%
TOTAL NONRESIDENTIAL	55.724	5.7%	16.2%	-14.3%

* 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 — FEBRUARY 2022



The U.S. economy as a whole recorded a +678,000 gain in total number of jobs in February 2022. The construction sector as a subset made a significant contribution to that total by increasing its employee payroll count by +60,000 jobs.

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

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

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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%).

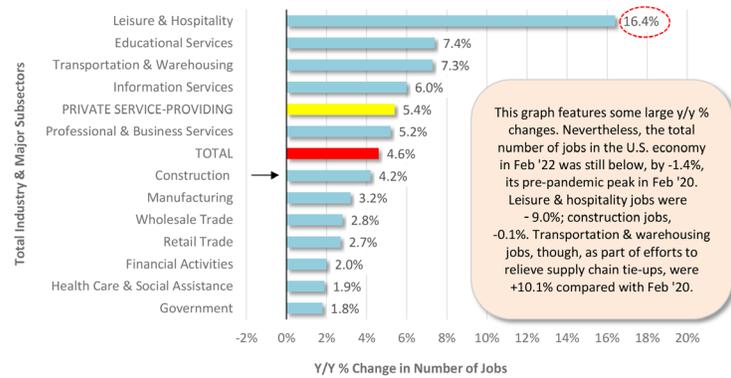
Over the course of the pandemic, though, the mix has undergone a profound shift. In 2021's full year PIP results, the residential to nonresidential relationship was approximately half and half. And that relationship, on a not seasonally adjusted (NSA) basis, was maintained in January of this year, with residential being 49.3% of the total and nonresidential, 50.7%. (Nonresidential is nonresidential buildings plus engineering).

The January 2022 over January 2021 total dollar volume of PIP construction was +8.4%, with residential being +13.3% and nonresidential, +4.1%. Moving deeper into 2022, the expectation is that burgeoning non-residential activity will eliminate the gap with a less frenetic residential.

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'

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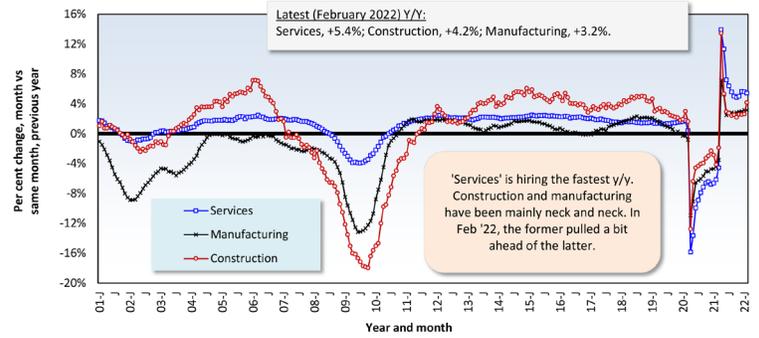
GRAPH 3: Y/Y JOBS CHANGE, U.S. TOTAL INDUSTRY & MAJOR SUBSECTORS — FEBRUARY 2022 (BASED ON SEASONALLY ADJUSTED PAYROLL DATA)



Feb 2022's y/y changes in employment within the pandemic's initially hardest-hit sector, 'leisure & hospitality', were: 'hotels/motels', +25.2%; 'amusements/gambling', +21.8%; and 'restaurants & bars', +13.8%.

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

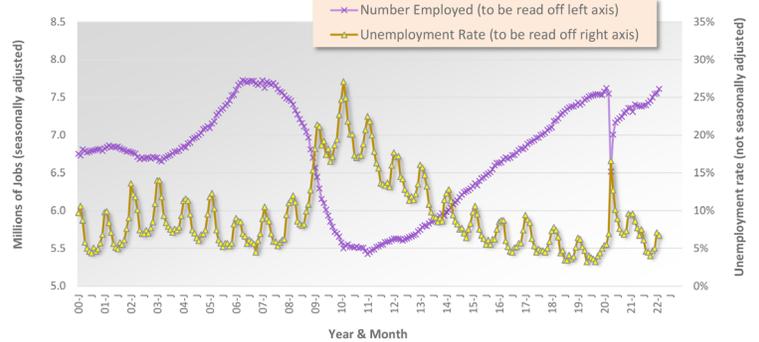
GRAPH 2: U.S. EMPLOYMENT FEBRUARY 2022 — % CHANGE Y/Y BASED ON SEASONALLY ADJUSTED (SA) DATA



The latest data points are for February, 2022.

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

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



Current through February, 2022. 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 — FEBRUARY 2022

The Big Drop (revised data) April 2020 vs Feb 2020 (Feb 2020 was last month unaffected by COVID-19)	Change in Number of Jobs (Millions)		% Change		Jobs Recovery Since Apr 2020, Millions	Claw Back Ratio
	Feb 2022 vs Feb 2020 (Feb 2020 was last month unaffected by COVID-19)	Feb 2022 vs Jan 2022 (i.e., vs previous month)	Feb 2022 vs Feb 2020 (Feb 2020 was last month unaffected by COVID-19)	Feb 2022 vs Jan 2022 (i.e., vs previous month)		
Millions						
-21.991 (-14.4%)	-2.105	0.678	-1.4%	0.5%	19.886	90.4%
-18.475 (-17.0%)	-1.149	0.549	-1.1%	0.5%	17.326	93.8%
-1.362 (-10.7%)	-0.178	0.036	-1.4%	0.3%	1.184	86.9%
-1.108 (-14.5%)	-0.011	0.060	-0.1%	0.8%	1.097	99.0%
-2.245 (-14.4%)	0.104	0.037	0.7%	0.2%	2.349	104.6%
-0.506 (-8.7%)	0.583	0.047	10.1%	0.7%	1.089	215.3%
-0.280 (-3.2%)	0.031	0.035	0.3%	0.4%	0.311	111.1%
-2.302 (-10.8%)	0.596	0.095	2.8%	0.4%	2.898	125.9%
-0.261 (-9.0%)	0.020	0.000	0.7%	0.0%	0.281	107.7%
-2.839 (-11.5%)	-0.514	0.112	-2.1%	0.5%	2.325	81.9%
-8.203 (-48.3%)	-1.532	0.179	-9.0%	1.2%	6.671	81.3%
-0.975 (-4.3%)	-0.681	0.024	-3.0%	0.1%	0.294	30.2%

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

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and forecasts. ConstructConnect's PIP numbers are being released quarterly and are featured in a separate reporting system.

Nice Y/Y Gains in Construction-related Employment

In January 2022, the U.S. total jobs count rose by +481,000, but the construction sector as a subset increased staffing by only +7,000. In February, economy-wide employment rose by +678,000 jobs, with construction making a significant contribution, +60,000 jobs. More than two-thirds of the +60,000 gain came among the specialty trades, with residential sub-contractors at +24,000 and nonresidential at +20,000.

The jobs recovery ratio economy-wide (i.e., versus the big plummet in employment between February and April 2020, when the coronavirus first struck) has improved to 90.4%. Construction's jobs claw-back ratio is even better, though, at 99.0%.

The national NSA unemployment rate is presently 4.1%. The construction sector's latest (February 2022) NSA U rate is 6.7%, but that's better than the prior month's 7.1%, and it's tighter than February 2021's level of 9.6%.

Year-over-year total employment in the U.S. is now +4.6%, with construction not far behind at +4.2%. The most recent y/y jobs gains in other corners of the economy with close ties to the building sector have been: +13.5% for oil and gas extraction; +9.3% for machinery and equipment rental; +6.1% for architectural and engineering services; +4.6% for both real estate firms and cement and concrete product manufacturing; and -2.3% for building material and supplies dealers.

By the way, total sales by U.S. building material and supplies dealers in January were a sprightly +10.9% year over year. A significant portion of that big jump, though, was due to price increases (i.e., think global oil at \$100-plus USD/barrel and its impact on gasoline). For the first time in many years, assessing the difference between 'current' and 'constant' (inflation-adjusted) dollars has become important again. America's all-items Consumer Price Index is +7.9% y/y. The 2022 construction price index deflator being adopted by Oxford Economics is +10.1% y/y.

Pluses and Minuses among the Type of Structure Sub-categories

February 2022's -14.3% month-to-month (m/m) drop in total nonresidential starts was due to contractions in engineering (-22.6%), industrial (-12.8%) and institutional (-12.1%), while commercial managed a mild uptick, +3.3%.

The +16.2% performance of total nonresidential starts in February of this year versus February of last year (y/y) resulted from big leaps in industrial (+136.3%) and engineering (+43.0%), and a less-showy pickup in commercial (+3.9%). Institutional (-11.6%) failed to make headway.

As for February's year-to-date advance of total nonresidential starts (+5.7%), industrial (+33.8%) and engineering (+18.1%) were the ringleaders, while commercial (-0.7%) stayed neutral and institutional (-11.1%) faded into the background.

There are two dominant sub-categories of total nonresidential starts. When the volumes of 'roads/highways' and 'schools/colleges' are added together, they accounted for more than one-third of total year-to-date nonresidential activity in February 2022 (i.e., shares of 19.8% and 15.2% respectively, summing to 35.0%).

The three percentage-change metrics for street starts in February 2022 were -2.8% m/m, but +55.1% y/y and +55.6% ytd. For school starts, the results were -29.4% m/m and -13.4% y/y, but +3.0% ytd. Delving deeper into educational facility starts, the sub-category 'pre-school and elementary' was the standout year to date, +20.9%.

Accounting for a fifth of engineering starts so far this year, the 'water/sewage' sub-category in February was -26.2% m/m, but +9.8% y/y and +2.5% ytd.

Bridge work, along with many other types of engineering

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

	Jan-Feb 2022 (\$ billions)	% Change vs Jan-Feb 2021
Sports Stadiums/Convention Centers	\$0.406	0.9%
Transportation Terminals	\$0.808	475.2%
Courthouses	\$0.196	-63.7%
Police Stations & Fire Halls	\$0.438	-20.2%
Prisons	\$0.239	-21.6%
Pre-School/Elementary	\$2.521	20.9%
Junior & Senior High Schools	\$3.487	-3.4%
K-12 (sum of above two categories)	\$6.008	5.5%
Special & Vocational Schools	\$0.257	11.8%
Colleges & Universities	\$2.205	-3.9%
Electric Power Infrastructure	\$2.198	49.9%

Source: ConstructConnect/Table: ConstructConnect.

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

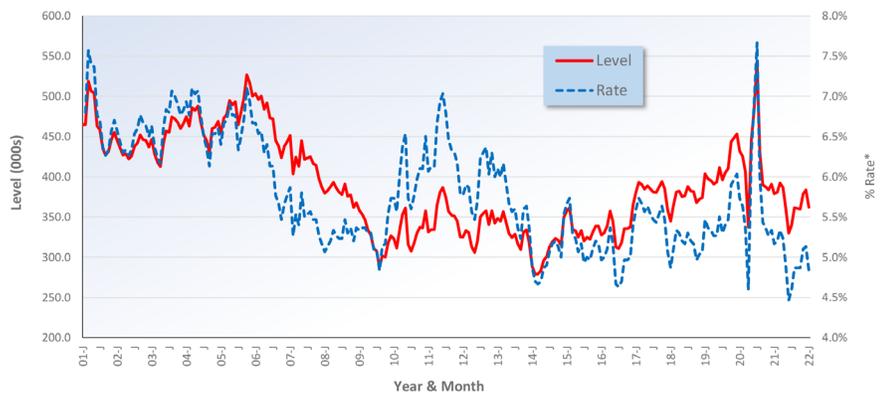


Construction job 'openings' as both a level and a rate have moved up near record highs and are staying there. Hirings, on the other hand, are not remotely keeping pace.

*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 January 2022. ... 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)



Despite big spikes in earnings, construction job 'hires' as a level, and even more so as a rate, are proving to be disappointing. They headed down again in the latest reporting month, January 2022.

*Rate is number of hires during month as % of construction employment.

Latest seasonally adjusted data points are for January 2022. ... JOLTS = Job Openings and Labor Turnover Survey.

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

Continued from page 4

activity, is eagerly awaiting spending to flow from the Infrastructure and Investment Jobs Act (IIJA). In the latest month, bridge starts were -29.0% m/m, but +48.7% y/y and +23.0% ytd.

For the three medical sub-categories combined - i.e., 'hospital/clinic', 'nursing/assisted living' and 'miscellaneous medical' - February 2022's starts were better m/m (+36.9%), but worse both y/y (-10.9%) and ytd (-19.5%). 'Hospital/clinic' starts alone were +69.6% m/m, but -19.0% y/y and -27.2% ytd.

Among commercial starts in February, there were notable gains (+618.8% m/m; +312.3% y/y/ and +123.5% ytd) for the 'miscellaneous' sub-category, which includes sports stadiums and transportation terminals. Also on the upswing year to date were hotels/motels, +42.8%, and retail/shopping, +17.1%. Moving downward ytd, though, were private and government office buildings, -25.1% and -5.4% respectively.

Warehouse starts have not had a stellar beginning to 2022, turning in a record in February that was -30.3% m/m, -39.7% y/y and -32.2% ytd.

Latest JOLTS Numbers Offer No Hiring Woe Relief

For ease of viewing, Graphs 5 and 6 show 'smoothed' curves (i.e., based on three-month moving averages) for the Job Openings and Labor Turnover Survey (JOLTS) results pertaining to vacant positions and hires.

Openings in the construction industry remain extremely elevated. Both as a level and a rate, they are near their all-time peaks. But that's not translating to much in the way of 'hires', according to the JOLTS numbers. Not only have hires as a level and rate been low recently, relative to earlier this century, but they also have the unfortunate habit of following an uptick with a dip.

Trend Pondering Where to Turn

Page 9 of this Industry Snapshot showcases a dozen type-of-structure trend graphs. The trends are captured by taking 12-month moving averages of ConstructConnect's starts statistics.

Most of the curves have flattened out, although it's good to see nonresidential building moving upwards once again, albeit cautiously. Also, it's interesting that commercial and institutional have, for the past half dozen years, achieved quite similar dollar volumes.

Among sub-categories, only two are showing truly distinct patterns. The private office buildings slope is still headed south; the curve for roads/highways remains northbound.

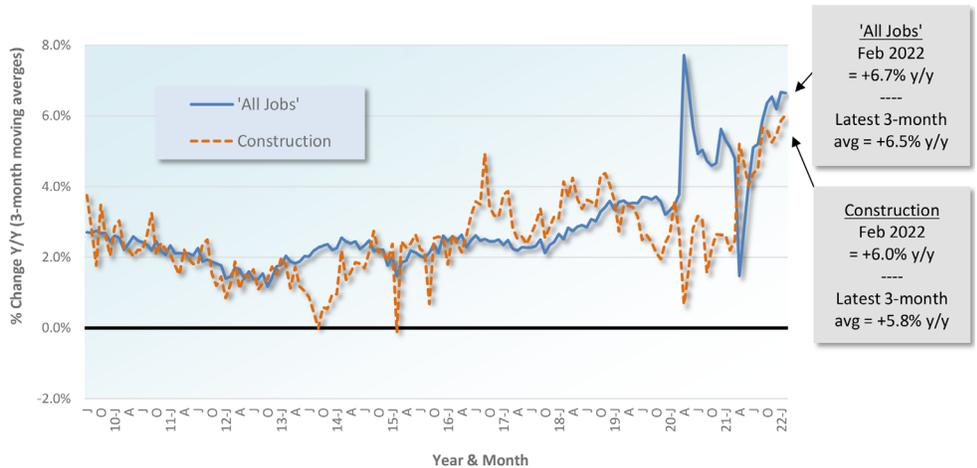
Hourly and Weekly Earnings Roared in February

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 February 2022's Table B-3 (including bosses), 'all jobs' earnings were +5.1% hourly and +5.4% weekly. Construction workers kept pace and then some, earning the same +5.1% hourly, but receiving an even better +8.1% weekly. From Table B-8 for production and non-supervisory workers

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

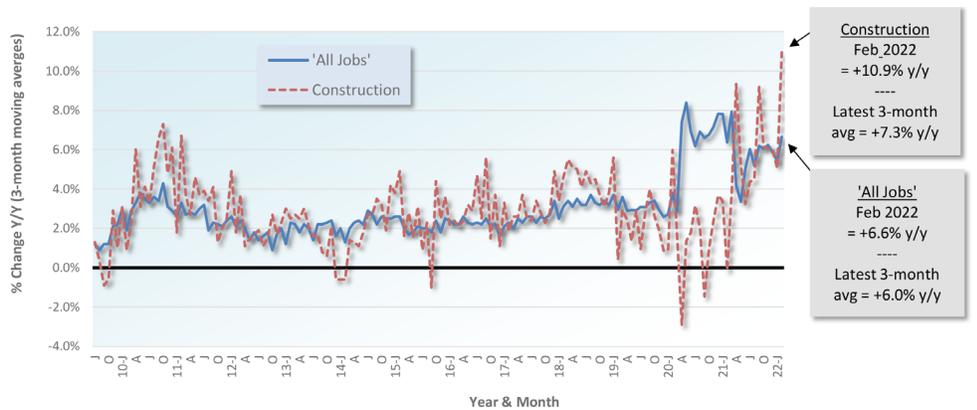


Year over year hourly wage increases, as reported by BLS, have now moved to +6.0% and higher. The average annual increase for 'construction workers' from 2010 to 2019 was +2.3%; for 'all jobs' over the same period, +2.4%.

From 'Production Workers and Non-supervisory Personnel' Table (B8). The latest data points are for February, 2022.

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, at least on a year-over-year basis (+10.9%), went into orbit in the latest month, February 2022. The NSA unemployment rate in construction is presently 6.7%. The 'all jobs' NSA U rate is 4.1%.

From 'Production Workers and Non-supervisory Personnel' Table (B8). The latest data points are for February, 2022.

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

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(i.e., excluding bosses), the ‘all jobs’ compensation gains were +6.7% hourly and +6.6% weekly. Where construction workers lagged a little hourly, +6.0%, they more than made up the difference weekly, +10.9%.

Input Costs and Bid Prices on a Tear

February’s y/y results for three building related BLS Producer Price Index (PPI) series were as follows: (A) ‘construction materials special index’, +28.7% (markedly down from January’s +34.4%); (B) ‘inputs to new construction index, excluding capital investment, labor, and imports’, +20.5% (a smidge up from the previous month’s +19.7%); and (C) ‘final demand construction’, designed to capture bid prices, +16.6% (an advance from January’s +16.0%).

(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, diesel fuel is +57.5% y/y; hot rolled steel bars, plates, and structural shapes, +45.6%; aluminum sheet and strip, +37.7%; asphalt, +37.5%; softwood lumber, +22.2%; gypsum, +20.7%; copper wire and cable, +15.6%; ready-mix concrete, +8.2%; and cement, +7.6%.

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 RSMean’s 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.

February 2022’s ‘Grand Total’ Starts +2.5% Ytd

From Table 10 on page 11 of this report, ConstructConnect’s total residential starts in February 2022 were -12.5% m/m, -10.7% y/y and -0.9% ytd. Multi-family starts in February were -33.6% m/m, -39.3% y/y and -10.9% ytd. Single-family starts were -3.7% m/m, but +3.5% y/y and +3.3% ytd.

Including home building with all nonresidential categories, **Grand Total** starts in February 2022 were -13.5% m/m, although +1.9% y/y and +2.5% 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: 2022 YTD RANKING OF TOP 20 STATES BY \$ VOLUME OF NONRESIDENTIAL CONSTRUCTION STARTS — ConstructConnect®

	Jan-Feb 2022	% Change vs Jan-Feb 2021
1 Texas	\$6,932,199,908	-8.4%
2 New York	\$5,184,265,914	128.9%
3 California	\$4,484,816,442	-12.6%
4 Florida	\$2,819,939,568	-15.7%
5 North Carolina	\$2,652,223,066	59.4%
6 Illinois	\$1,936,820,834	6.6%
7 Michigan	\$1,857,965,657	78.4%
8 Louisiana	\$1,857,225,372	146.6%
9 Indiana	\$1,779,534,896	74.0%
10 Ohio	\$1,553,763,894	-18.0%
11 Missouri	\$1,419,116,218	37.7%
12 Pennsylvania	\$1,368,287,752	7.4%
13 Washington	\$1,340,404,586	58.8%
14 South Carolina	\$1,322,405,338	34.5%
15 Tennessee	\$1,321,966,878	-13.8%
16 Georgia	\$1,259,715,358	-45.0%
17 Massachusetts	\$1,081,039,975	42.4%
18 Virginia	\$1,075,786,782	-20.4%
19 Wisconsin	\$988,022,650	5.6%
20 Maryland	\$973,896,154	80.4%

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

TABLE 5: 2022 YTD RANKING OF TOP 20 STATES BY \$ VOLUME OF NONRESIDENTIAL BUILDING CONSTRUCTION STARTS — ConstructConnect®

	Jan-Feb 2022	% Change vs Jan-Feb 2021
1 Texas	\$3,839,087,841	-19.2%
2 California	\$2,642,525,914	-6.7%
3 New York	\$2,023,591,442	20.2%
4 Michigan	\$1,405,033,672	78.5%
5 Florida	\$1,386,475,369	-27.0%
6 Louisiana	\$1,374,272,800	216.9%
7 North Carolina	\$1,140,268,708	-16.4%
8 Indiana	\$1,101,801,843	364.3%
9 Tennessee	\$968,461,393	-24.3%
10 Georgia	\$806,896,158	-48.9%
11 Massachusetts	\$797,332,870	51.0%
12 Illinois	\$760,697,923	-25.6%
13 Ohio	\$706,809,743	-47.0%
14 Missouri	\$695,111,525	-9.7%
15 Maryland	\$674,586,502	69.4%
16 Utah	\$649,242,968	4.6%
17 Pennsylvania	\$617,631,558	-39.7%
18 Arizona	\$609,600,731	-27.4%
19 Virginia	\$598,108,078	-39.3%
20 South Carolina	\$585,718,558	-11.7%

TABLE 6: 2022 YTD RANKING OF TOP 20 STATES BY \$ VOLUME OF HEAVY ENGINEERING/CIVIL CONSTRUCTION STARTS — ConstructConnect®

	Jan-Feb 2022	% Change vs Jan-Feb 2021
1 New York	\$3,160,674,472	444.0%
2 Texas	\$3,093,112,067	9.9%
3 California	\$1,842,290,528	-19.9%
4 North Carolina	\$1,511,954,358	404.7%
5 Florida	\$1,433,464,199	-1.0%
6 Illinois	\$1,176,122,911	47.9%
7 Washington	\$860,282,792	269.0%
8 Ohio	\$846,954,151	51.3%
9 Pennsylvania	\$750,656,194	201.1%
10 South Carolina	\$736,686,780	130.5%
11 Missouri	\$724,004,693	177.7%
12 Indiana	\$677,733,053	-13.7%
13 Kansas	\$540,618,738	235.7%
14 Louisiana	\$482,952,572	51.2%
15 Virginia	\$477,678,704	30.7%
16 Wisconsin	\$476,074,078	-8.5%
17 Michigan	\$452,931,985	77.9%
18 Georgia	\$452,819,200	-36.4%
19 New Jersey	\$446,908,299	123.4%
20 Minnesota	\$424,399,009	-84.8%

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 — FEBRUARY 2022
ARRANGED TO MATCH THE ALPHABETICAL CATEGORY DROP-DOWN MENUS IN INSIGHT

	Jan-Feb 2022 (\$ billions)	% Change Jan-Feb 22 vs Jan-Feb 21	% Change Feb 22 vs Feb 21	% Change Feb 22 vs Jan 22
Summary				
CIVIL	25.976	18.1%	43.0%	-22.6%
NONRESIDENTIAL BUILDING	29.748	-3.2%	1.3%	-6.4%
RESIDENTIAL	48.273	-0.9%	-10.7%	-12.5%
GRAND TOTAL	103.997	2.5%	1.9%	-13.5%
Verticals				
Airport	0.530	79.7%	7.2%	-49.6%
All Other Civil	2.046	-49.4%	203.2%	113.8%
Bridges	3.923	23.0%	48.7%	-29.0%
Dams / Canals / Marine Work	1.073	23.0%	-13.3%	-50.3%
Power Infrastructure	2.198	49.9%	-51.4%	-93.1%
Roads	11.046	55.6%	55.1%	-2.8%
Water and Sewage Treatment	5.159	2.5%	9.8%	-26.2%
CIVIL	25.976	18.1%	43.0%	-22.6%
Offices (private)	1.999	-25.1%	-40.9%	-42.2%
Parking Garages	0.378	-19.3%	-30.2%	-20.4%
Transportation Terminals	0.808	475.2%	740.3%	1182.1%
Commercial (small subset)	3.185	-2.8%	5.2%	7.4%
Amusement	1.223	42.5%	108.7%	196.2%
Libraries / Museums	0.533	40.8%	44.3%	6.3%
Religious	0.162	35.9%	-18.5%	-55.3%
Sports Arenas / Convention Centers	0.406	0.9%	86.9%	252.2%
Community	2.323	32.1%	81.1%	102.4%
College / University	2.205	-3.9%	-5.0%	-28.2%
Elementary / Pre School	2.521	20.9%	30.3%	-10.4%
Jr / Sr High School	3.487	-3.4%	-37.1%	-41.2%
Special / Vocational	0.257	11.8%	-8.0%	-36.5%
Educational	8.470	3.0%	-13.4%	-29.4%
Courthouses	0.196	-63.7%	-62.1%	-38.9%
Fire and Police Stations	0.438	-20.2%	-4.8%	-17.9%
Government Offices	1.318	-5.4%	-24.4%	-14.6%
Prisons	0.239	-21.6%	206.9%	222.9%
Government	2.191	-21.4%	-16.2%	-6.1%
Industrial Labs / Labs / School Labs	0.268	23.1%	41.2%	214.7%
Manufacturing	3.274	33.8%	136.3%	-12.8%
Warehouses	2.065	-32.2%	-39.7%	-30.3%
Industrial	5.607	-1.8%	17.4%	-15.0%
Hospitals / Clinics	1.788	-27.2%	-19.0%	69.6%
Medical Misc.	0.988	-4.0%	-35.5%	-36.2%
Nursing Homes	0.588	-15.8%	122.8%	182.7%
Medical	3.364	-19.5%	-10.9%	36.9%
Military	0.362	-69.5%	-38.8%	42.4%
Hotels	1.099	42.8%	4.6%	-47.7%
Retail Misc.	0.959	-2.5%	-14.4%	-14.9%
Shopping	2.188	17.1%	22.7%	-6.6%
Retail	4.246	17.2%	7.9%	-20.9%
NONRESIDENTIAL BUILDING	29.748	-3.2%	1.3%	-6.4%
Multi-Family	12.693	-10.9%	-39.3%	-33.6%
Single-Family	35.580	3.3%	3.5%	-3.7%
RESIDENTIAL	48.273	-0.9%	-10.7%	-12.5%
NONRESIDENTIAL	55.724	5.7%	16.2%	-14.3%
GRAND TOTAL	103.997	2.5%	1.9%	-13.5%

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 FEBRUARY 2022

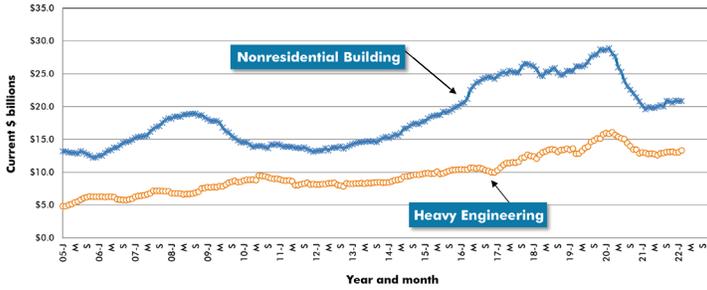
LOCATION (EAST TO WEST)	TYPE OF CONSTRUCTION	DESCRIPTION	SQUARE FEET 000S*	DOLLARS 000,000S
Massachusetts Foxborough	Commercial	Gillette Stadium Renovation (2 structures) 1 Patriot Pl The Kraft Group	75	\$225
New York New York	Commercial	Wildflower Studios - Astoria/Queens (1 structure; 7 stories) 35-15 19th Ave Wildflower Ltd	775	\$600
New York	Civil/Engineering	Installation for the Queens Boulevard East Communications Based Train Control System (1 structure) Queens Blvd MTA-NYC Transit	*	\$337
District of Columbia Washington	Institutional	Saint Elizabeth’s East Hospital/Cedar Hill Regional Medical Center (1 structure; 136 beds) 1 Pecan St The George Washington University Hospital	327	\$375
North Carolina Winston Salem	Civil/Engineering	Grading, Drainage, Paving, and Structure (1 structure) I-74 North Carolina Department of Transportation (NCDOT) - Division 9	*	\$262
Ohio Columbus	Civil/Engineering	IR 70/IR 71 - Major Reconstruction (2 structures) US-71 & US-70 Ohio Department of Transportation (ODOT)	*	\$279
Michigan Detroit	Industrial	Automobile Innovation Hub /Corktown (1 structure) 1907 Michigan Ave Ford Motor Company	1,000	\$740
Indiana Hammond	Commercial	West Lake Corridor Rail Station - Northern Indiana Commuter Transportation District (1 structure) Multiple Locations City of Hammond Dept of Planning and Development	150	\$555
Crown Point	Civil/Engineering	Double Track Construction Project 1 (3 structures) Multiple Locations Northern Indiana Commuter Transportation District	*	\$305
California San Jose	Commercial	Platform 16/ San Jose (3 structures) 440 W Julian St TMG Partners	1,000	\$250
TOTALS:			3,327	\$3,928

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

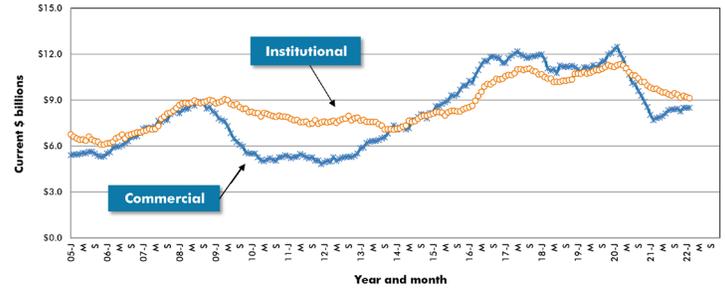
Source: ConstructConnect/Table: ConstructConnect.

Trend graphs for 12 key categories

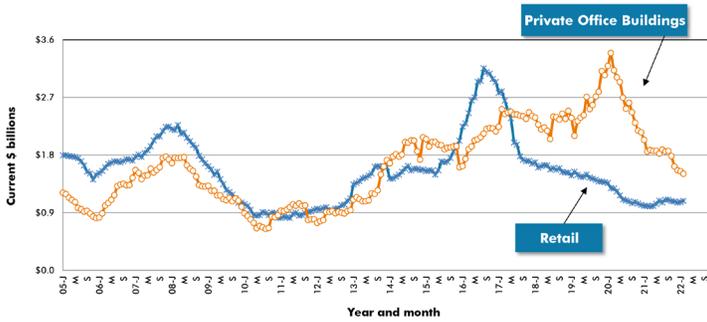
GRAPH 9: U.S. NONRESIDENTIAL CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



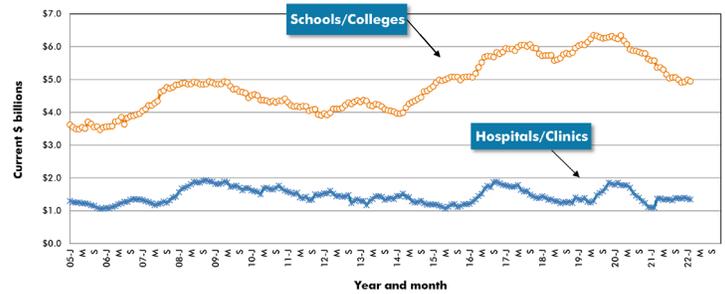
GRAPH 10: U.S. COMMERCIAL AND INSTITUTIONAL CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



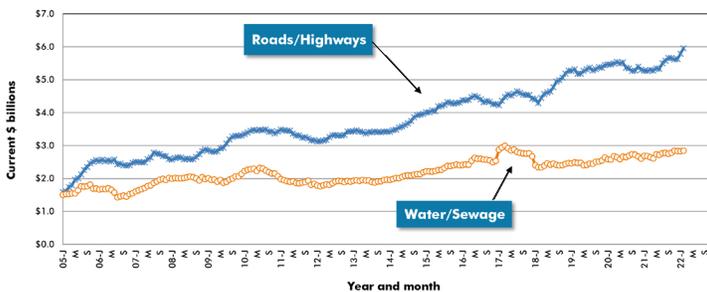
GRAPH 11: U.S. RETAIL AND PRIVATE OFFICE BUILDING CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



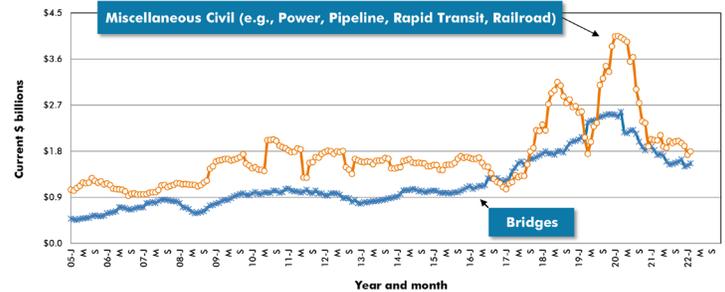
GRAPH 12: U.S. HOSPITAL/CLINIC AND SCHOOL/COLLEGE CONSTRUCTION STARTS — ConstructConnect® (12-MONTH MOVING AVERAGES)



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 February, 2022.

Source: ConstructConnect/Charts: ConstructConnect.

Regional starts table

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

	Jan-Feb 2021	Jan-Feb 2022	% Change
Connecticut	\$173,512,169	\$296,761,146	71.0%
Maine	\$1,220,886,625	\$199,715,852	-83.6%
Massachusetts	\$759,312,237	\$1,081,039,975	42.4%
New Hampshire	\$94,488,886	\$110,189,433	16.6%
Rhode Island	\$319,156,301	\$48,022,097	-85.0%
Vermont	\$47,769,253	\$22,244,621	-53.4%
Total New England	\$2,615,125,471	\$1,757,973,124	-32.8%
New Jersey	\$514,313,109	\$829,174,368	61.2%
New York	\$2,264,874,768	\$5,184,265,914	128.9%
Pennsylvania	\$1,274,125,409	\$1,368,287,752	7.4%
Total Middle Atlantic	\$4,053,313,286	\$7,381,728,034	82.1%
TOTAL NORTHEAST	\$6,668,438,757	\$9,139,701,158	37.1%
Illinois	\$1,816,895,145	\$1,936,820,834	6.6%
Indiana	\$1,022,719,150	\$1,779,534,896	74.0%
Michigan	\$1,041,674,566	\$1,857,965,657	78.4%
Ohio	\$1,893,944,146	\$1,553,763,894	-18.0%
Wisconsin	\$935,729,458	\$988,022,650	5.6%
Total East North Central	\$6,710,962,465	\$8,116,107,931	20.9%
Iowa	\$433,830,603	\$378,952,826	-12.6%
Kansas	\$366,626,872	\$710,138,607	93.7%
Minnesota	\$3,024,412,146	\$668,866,347	-77.9%
Missouri	\$1,030,599,865	\$1,419,116,218	37.7%
Nebraska	\$346,801,227	\$288,299,867	-16.9%
North Dakota	\$359,039,331	\$229,778,333	-36.0%
South Dakota	\$220,195,127	\$533,480,716	142.3%
Total West North Central	\$5,781,505,171	\$4,228,632,914	-26.9%
TOTAL MIDWEST	\$12,492,467,636	\$12,344,740,845	-1.2%
Delaware	\$69,761,839	\$83,787,215	20.1%
District of Columbia	\$147,411,830	\$552,126,526	274.5%
Florida	\$3,346,287,344	\$2,819,939,568	-15.7%
Georgia	\$2,289,177,249	\$1,259,715,358	-45.0%
Maryland	\$539,919,474	\$973,896,154	80.4%
North Carolina	\$1,663,586,254	\$2,652,223,066	59.4%
South Carolina	\$982,972,070	\$1,322,405,338	34.5%
Virginia	\$1,351,609,081	\$1,075,786,782	-20.4%
West Virginia	\$134,376,061	\$166,197,234	23.7%
Total South Atlantic	\$10,525,101,202	\$10,906,077,241	3.6%
Alabama	\$895,264,714	\$760,708,424	-15.0%
Kentucky	\$628,432,875	\$717,340,794	14.1%
Mississippi	\$212,593,304	\$251,700,382	18.4%
Tennessee	\$1,533,689,957	\$1,321,966,878	-13.8%
Total East South Central	\$3,269,980,850	\$3,051,716,478	-6.7%
Arkansas	\$319,497,470	\$284,279,291	-11.0%
Louisiana	\$753,147,896	\$1,857,225,372	146.6%
Oklahoma	\$555,796,421	\$738,837,329	32.9%
Texas	\$7,567,877,157	\$6,932,199,908	-8.4%
Total West South Central	\$9,196,318,944	\$9,812,541,900	6.7%
TOTAL SOUTH	\$22,991,400,996	\$23,770,335,619	3.4%
Arizona	\$1,062,141,381	\$826,545,220	-22.2%
Colorado	\$739,235,312	\$622,023,262	-15.9%
Idaho	\$104,761,588	\$198,220,645	89.2%
Montana	\$97,866,881	\$206,332,030	110.8%
Nevada	\$441,362,031	\$484,458,419	9.8%
New Mexico	\$400,173,698	\$230,352,807	-42.4%
Utah	\$767,497,515	\$761,488,843	-0.8%
Wyoming	\$113,380,648	\$253,639,241	123.7%
Total Mountain	\$3,726,419,054	\$3,583,060,467	-3.8%
Alaska	\$84,991,335	\$155,480,030	82.9%
California	\$5,129,792,970	\$4,484,816,442	-12.6%
Hawaii	\$223,321,507	\$71,802,026	-67.8%
Oregon	\$582,866,568	\$833,588,112	43.0%
Washington	\$844,170,024	\$1,340,404,586	58.8%
Total Pacific	\$6,865,142,404	\$6,886,091,196	0.3%
TOTAL WEST	\$10,591,561,458	\$10,469,151,663	-1.2%
TOTAL U.S.	\$52,743,868,847	\$55,723,929,285	5.7%

*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 — FEBRUARY 2022 — ConstructConnect®
BILLIONS OF CURRENT \$\$, NOT SEASONALLY ADJUSTED (NSA)

	Latest month actuals			Moving averages (placed in end month)						Year to Date.	
	Dec 21	Jan 22	Feb 22	Dec 21	3-months Jan 22	Feb 22	Dec 21	12-months Jan 22	Feb 22	Jan-Feb 2021	Jan-Feb 2022
Single Family	19,133	18,121	17,459	20,381	19,437	18,238	21,434	21,479	21,528	34,447	35,580
month-over-month % change	-9.1%	-5.3%	-3.7%	-3.4%	-4.6%	-6.2%	-0.3%	0.2%	0.2%		
year-over-year % change	-4.1%	3.1%	3.5%	-0.4%	2.6%	0.6%	17.3%	16.3%	16.3%	9.3%	3.3%
Apartment	5,369	7,630	5,063	7,130	7,332	6,021	7,843	7,987	7,713	14,248	12,693
month-over-month % change	-40.3%	42.1%	-33.6%	-4.4%	2.8%	-17.9%	-0.4%	1.8%	-3.4%		
year-over-year % change	-6.7%	29.2%	-39.3%	1.7%	15.8%	-9.7%	14.6%	18.9%	12.2%	2.5%	-10.9%
TOTAL RESIDENTIAL	24,502	25,751	22,523	27,511	26,769	24,258	29,276	29,466	29,241	48,695	48,273
month-over-month % change	-18.5%	5.1%	-12.5%	-3.7%	-2.7%	-9.4%	-0.3%	0.6%	-0.8%		
year-over-year % change	-4.7%	9.7%	-10.7%	0.2%	5.9%	-2.2%	16.6%	17.0%	15.2%	7.2%	-0.9%
Hotel/Motel	0,440	0,721	0,377	0,518	0,528	0,513	0,573	0,599	0,600	0,769	1,099
month-over-month % change	4.1%	63.7%	-47.7%	-12.0%	2.0%	-2.9%	3.7%	4.5%	0.2%		
year-over-year % change	129.0%	76.4%	4.6%	-15.2%	-2.8%	60.0%	-32.5%	-20.8%	-3.0%	-78.2%	42.8%
Retail/Shopping	0,492	1,131	1,057	0,754	0,833	0,893	1,059	1,069	1,085	1,868	2,188
month-over-month % change	-43.8%	129.7%	-6.6%	-19.8%	10.5%	7.2%	-1.7%	1.0%	1.5%		
year-over-year % change	-30.5%	12.3%	22.7%	-19.0%	-5.5%	4.0%	3.5%	6.2%	7.7%	-8.8%	17.1%
Parking Garages	0,100	0,210	0,167	0,102	0,124	0,159	0,143	0,141	0,135	0,468	0,378
month-over-month % change	65.9%	109.4%	-20.4%	-2.0%	21.2%	28.8%	-0.1%	-1.1%	-4.3%		
year-over-year % change	-2.3%	-8.0%	-30.2%	-8.1%	-13.1%	-16.3%	-1.4%	6.5%	-7.6%	4.3%	-19.3%
Amusement	0,399	0,309	0,914	0,424	0,351	0,541	0,542	0,533	0,573	0,858	1,223
month-over-month % change	15.4%	-22.7%	196.2%	3.1%	-17.1%	53.9%	-0.5%	-1.7%	7.4%		
year-over-year % change	-6.9%	-26.6%	108.7%	-15.5%	-13.9%	26.0%	3.3%	6.9%	16.7%	-32.4%	42.5%
Office	0,945	1,267	0,732	1,162	1,369	0,981	1,564	1,550	1,508	2,669	1,999
month-over-month % change	-50.2%	34.0%	-42.2%	-14.8%	17.9%	-28.3%	-3.7%	-0.9%	-2.7%		
year-over-year % change	-43.4%	-11.4%	-40.9%	-51.1%	-40.6%	-32.1%	-27.5%	-24.0%	-18.7%	-57.7%	-25.1%
Governmental Offices	0,837	0,711	0,607	0,862	0,810	0,719	0,990	1,000	0,984	1,393	1,318
month-over-month % change	-5.1%	-15.1%	-14.6%	0.5%	-6.0%	-11.3%	0.8%	1.0%	-1.6%		
year-over-year % change	12.1%	20.6%	-24.4%	17.0%	16.8%	0.7%	11.4%	14.6%	12.6%	-11.0%	-5.4%
Laboratories	0,193	0,065	0,203	0,184	0,149	0,154	0,197	0,196	0,201	0,218	0,268
month-over-month % change	1.7%	-66.5%	214.7%	9.9%	-19.2%	3.1%	-3.6%	-0.4%	2.5%		
year-over-year % change	-31.6%	-12.3%	41.2%	-20.9%	-16.2%	-7.7%	0.4%	19.0%	22.2%	-63.4%	23.1%
Warehouse	1,133	1,217	0,848	1,889	1,685	1,066	2,209	2,174	2,128	3,045	2,065
month-over-month % change	-58.1%	7.4%	-30.3%	-18.0%	-10.8%	-36.7%	-0.7%	-1.6%	-2.1%		
year-over-year % change	-13.4%	-25.8%	-39.7%	-11.6%	-9.8%	-26.5%	1.1%	6.6%	4.3%	-36.5%	-32.2%
Misc Commercial	4,093	0,148	1,066	2,538	1,625	1,769	1,231	1,220	1,287	0,543	1,214
month-over-month % change	547.3%	-96.4%	618.8%	69.7%	-36.0%	8.9%	36.4%	-0.9%	5.5%		
year-over-year % change	2597.0%	-47.9%	312.3%	740.9%	474.4%	663.7%	114.9%	129.9%	156.7%	-61.3%	123.5%
TOTAL COMMERCIAL	8,634	5,779	5,972	8,432	7,474	6,795	8,509	8,484	8,502	11,832	11,751
month-over-month % change	7.8%	-33.1%	3.3%	2.5%	-11.4%	-9.1%	3.1%	-0.3%	0.2%		
year-over-year % change	54.4%	-5.0%	3.9%	6.3%	2.3%	17.0%	-0.4%	5.5%	10.4%	-46.1%	-0.7%
TOTAL INDUSTRIAL (Manufacturing)	0,669	1,748	1,525	2,084	1,790	1,314	2,643	2,638	2,712	2,446	3,274
month-over-month % change	-77.3%	161.4%	-12.8%	-61.8%	-14.1%	-26.6%	-0.6%	-0.2%	2.8%		
year-over-year % change	-21.9%	-2.9%	136.3%	26.6%	48.2%	19.4%	45.9%	43.5%	61.6%	-39.7%	33.8%
Religious	0,032	0,112	0,050	0,063	0,082	0,065	0,083	0,088	0,087	0,119	0,162
month-over-month % change	-68.6%	245.4%	-55.3%	-8.3%	30.9%	-21.4%	-12.5%	5.4%	-1.1%		
year-over-year % change	-81.6%	93.8%	-18.5%	-58.1%	-35.0%	-34.1%	-38.3%	-31.6%	-30.0%	-52.7%	35.9%
Hospitals/Clinics	1,064	0,663	1,125	1,273	1,125	0,951	1,400	1,366	1,344	2,455	1,788
month-over-month % change	-35.3%	-37.7%	69.6%	-16.6%	-11.6%	-15.4%	2.1%	-2.4%	-1.6%		
year-over-year % change	49.5%	-37.7%	-19.0%	3.3%	-4.8%	-9.9%	25.8%	24.2%	23.0%	-8.9%	-27.2%
Nursing/Assisted Living	0,289	0,154	0,434	0,346	0,200	0,292	0,481	0,452	0,472	0,698	0,588
month-over-month % change	84.3%	-46.9%	182.7%	-13.8%	-42.3%	46.3%	-5.0%	-6.1%	4.4%		
year-over-year % change	-51.1%	-69.5%	122.8%	-42.6%	-64.6%	-31.9%	-22.9%	-24.9%	-16.9%	-49.0%	-15.8%
Libraries/Museums	0,392	0,258	0,274	0,228	0,273	0,308	0,298	0,303	0,310	0,378	0,533
month-over-month % change	132.7%	-34.1%	6.3%	-48.9%	19.5%	13.0%	4.5%	2.0%	2.3%		
year-over-year % change	64.5%	37.2%	44.3%	11.9%	22.0%	50.0%	-6.2%	11.2%	36.1%	-73.9%	40.8%
Fire/Police/Courthouse/Prison	0,772	0,419	0,454	0,662	0,580	0,548	0,645	0,602	0,602	1,394	0,873
month-over-month % change	40.3%	-45.7%	8.5%	10.6%	-12.4%	-5.5%	0.8%	-6.6%	-0.1%		
year-over-year % change	8.4%	-55.0%	-1.9%	-17.1%	-35.5%	-21.9%	-4.2%	-10.5%	-10.8%	1.4%	-37.4%
Military	1,731	0,149	0,213	1,335	1,023	0,698	0,858	0,800	0,789	1,187	0,362
month-over-month % change	45.8%	-91.4%	42.4%	28.1%	-23.4%	-31.8%	15.1%	-6.7%	-1.4%		
year-over-year % change	357.8%	-82.2%	-38.8%	64.0%	33.1%	33.7%	11.8%	2.1%	0.2%	25.6%	-69.5%
Schools/Colleges	3,569	4,966	3,504	3,432	3,940	4,013	4,926	4,992	4,947	8,221	8,470
month-over-month % change	8.6%	39.2%	-29.4%	-5.1%	14.8%	1.8%	0.4%	1.3%	-0.9%		
year-over-year % change	7.6%	18.9%	-13.4%	-13.9%	-0.2%	4.3%	-12.5%	-10.5%	-11.3%	-6.6%	3.0%
Misc Medical	0,484	0,603	0,385	0,481	0,538	0,491	0,580	0,594	0,576	1,029	0,988
month-over-month % change	-7.9%	24.5%	-36.2%	-21.2%	11.9%	-8.7%	-4.1%	2.5%	-3.0%		
year-over-year % change	-38.2%	39.7%	-35.5%	-32.5%	-16.1%	-18.8%	-15.3%	-11.5%	-15.4%	-2.9%	-4.0%
TOTAL INSTITUTIONAL	8,333	7,324	6,440	7,820	7,760	7,366	9,270	9,198	9,127	15,482	13,764
month-over-month % change	9.3%	-12.1%	-12.1%	-5.9%	-0.8%	-5.1%	1.3%	-0.8%	-0.8%		
year-over-year % change	20.6%	-10.6%	-11.6%	-8.0%	-7.1%	-1.3%	-6.8%	-6.2%	-6.3%	-13.7%	-11.1%
Misc Non Residential	0,386	0,518	0,441	0,461	0,465	0,448	0,509	0,513	0,507	0,984	0,959
month-over-month % change	-21.4%	34.4%	-14.9%	-12.5%	0.7%	-3.6%	-1.3%	0.8%	-1.2%		
year-over-year % change	-17.3%	10.5%	-14.4%	-11.5%	-4.6%	-7.3%	5.5%	8.1%	5.2%	-0.7%	-2.5%
TOTAL NON-RES BUILDING	18,021	15,369	14,379	18,798	17,489	15,923	20,931	20,833	20,848	30,744	29,748
month-over-month % change	-5.5%	-14.7%	-6.4%	-16.6%	-7.0%	-9.0%	1.7%	-0.5%	0.1%		
year-over-year % change	30.4%	-7.1%	1.3%	1.0%	0.8%	7.2%	0.7%	3.3%	6.4%	-31.6%	-3.2%
Airports	0,259	0,352	0,178	0,314	0,286	0,263	0,435	0,453	0,454	0,295	0,530
month-over-month % change	5.1%	36.3%	-49.6%	-18.4%	-8.9%	-8.0%	1.8%	4.3%	0.2%		
year-over-year % change	56.3%	172.9%	7.2%	-25.2%	-7.4%	71.3%	-13.5%	-9.4%	-8.7%	-16.4%	79.7%
Roads/Highways	3,445	5,601	5,445	4,471	4,647	4,830	5,624	5,791	5,952	7,101	11,046
month-over-month % change	-29.6%	62.6%	-2.8%	-10.0%	3.9%	3.9%	0.2%	3.0%	2.8%		
year-over-year % change	3.3%	56.0%	55.1%	-2.8%	13.5%	38.9%	6.0%	9.8%	13.1%	-6.4%	55.6%
Bridges	0,968	2,294	1,629	1,291	1,618	1,631	1,501	1,518	1,563	3,189	3,923
month-over-month % change	-39.1%	136.9%	-29.0%	-6.3%	25.3%	0.8%	-8.3%	1.1%	2.9%		
year-over-year % change	-62.6%	9.6%	48.7%	-18.5%	-15.9%	-15.4%	-20.8%	-19.5%	-14.1%	-22.8%	23.0%
Dams/Marine	1,012	0,717	0,357	1,107	1,047	0,695	0,711	0,732	0,727	0,873	1,073
month-over-month % change	-28.3%	-29.2%	-50.3%	2.9%	-5.4%	-33.6%	7.7%	3.0%	-0.6%		
year-over-year % change	151.7%	55.3%	-13.3%	38.4%	95.4%	63.6%	3.0%	12.8%	10.5%	-30.6%	23.0%
Water/Sewage	2,324	2,968	2,191	2,526	2,637	2,494	2,836	2,829	2,846	5,035	5,159
month-over-month % change	-11.2%	27.7%	-26.2%	-6.6%	4.4%	-5.4%	-0.3%	-0.2%	0.6%		
year-over-year % change	-3.8%	-2.4%	9.8%	15.5%	7.4%	0.4%	8.9%	5.4%	6.2%	22.1%	2.5%
Misc Civil (Power, etc.)	0,672	2,708	1,536	1,081	1,520	1,639	1,902	1,731	1,796	5,507	4,245
month-over-month % change	-43.1%	303.3%	-43.3%	-15.9%	40.6%	7.8%	-2.9%	-9.0%	3.8%		
year-over-year % change	-50.0%	-43.0%	104.2%	-24.9%	-41.3%	-28.2%	0.4%	-15.0%	-10.9%	36.5%	-22.9%
TOTAL ENGINEERING (Civil)	8,680	14,640									