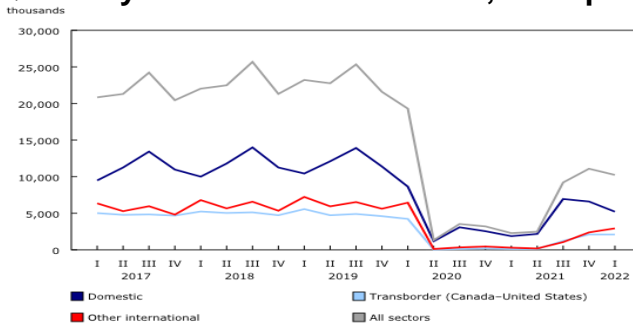




CANADA

Quarterly civil aviation statistics, first quarter 2022



Source: Statistics Canada

Operating revenue for the 24 largest Canadian air carriers (Levels I and II) totalled \$4.1 billion in the 2022 first quarter, well above the same quarter of 2021, but under two-thirds (62.6%) of that generated in the first quarter of 2019. At \$3.1 billion, passenger revenue remained the main revenue source for airlines, while air cargo generated \$736.8 million, representing 17.8% of the total, higher than the 5% to 7% range in revenue contribution recorded pre-pandemic. In the first quarter of 2022, Canadian carriers transported 10.2 million passengers on scheduled and charter services, down from the 11.1 million passengers carried in the previous quarter. International traffic continued to climb. The number of passengers on international passengers increased to 5.0 million (of the 10.2 million). Of this total transborder traffic consisted of 2.1 million passengers. The chart shows the passengers carried by sector.

Quarterly civil aviation statistics, first quarter 2022, August 19, 2022, www.statcan.gc.ca

✈️ Government of Canada supports essential air access for remote communities in Nunavut

On August 19, 2022, the Parliamentary Secretary to the Deputy Prime Minister and Minister of Finance, Terry Beech, on behalf of the Minister of Transport, the Honourable Omar Alghabra, announced that the Government of Canada is providing \$2.8 million in new funding to the Government of Nunavut to support continued essential air services for remote communities in Nunavut. This financial contribution will help ensure that remote communities in Nunavut continue to have access to essential goods and services, including food and medical supplies. This funding, from Transport Canada's Remote Air Services Program (RASP), is in addition to the more than \$30.6 million provided to the Government of Nunavut under the program in 2020 and 2021.

Government of Canada supports essential air access for remote communities in Nunavut, August 19, 2022, www.tc.gc.ca

✈️ Government of Canada supports Saskatoon John G. Diefenbaker International Airport and Calgary International Airport with new funding for critical infrastructure projects

On August 22 and 23, 2022, the Government of Canada, announced new funding of more than \$1.7 million to help the Saskatoon John G. Diefenbaker International Airport recover from the effects of the COVID-19 pandemic and close to \$2 million in new funding to help YYC Calgary International Airport recover from the effects of the pandemic, and to support continued air services and important infrastructure projects at the airport. This funding in Saskatoon is in addition to the \$10.9 million provided under the program in August 2021, for the rehabilitation of the primary runway and apron pavement surfaces, the installation of new LED runway edge lights, and the replacement of select storm drains. This funding on Calgary is in addition to more than \$57.4 million provided

under the program in August 2021, for the rehabilitation of Runway 17R-35L.

Government of Canada supports Saskatoon John G. Diefenbaker International Airport and Calgary International Airport with new funding for critical infrastructure projects, August 22 and 23, 2022, www.tc.gc.ca

Canadian airport sets up logistics beachhead for US e-commerce

Edmonton, Canada, seems an unlikely destination for international air shipments bound for online shoppers in the United States. Following some promising trial runs with e-commerce providers, Edmonton International Airport is banking on its geographic location along circumpolar routes, congestion-free facilities and Canada's trade-friendly customs rules to advance a multibillion dollar air logistics village and become a major cargo hub. "Planes that typically would have stopped at another point [are using] Edmonton not just as a place to stop and get gas, but actually the ending point. And then we're transporting the goods, by air, by road or by rail into parts of the U.S.," said Myron Keehn, the airport's vice president of air service and business development, in an interview. "We're seeing dramatic cargo growth because companies are realizing the efficiencies of actually using Edmonton as their jumping off point into the U.S. and then conversely, back into Asia or the Middle East." In late July 2022, Transport Canada announced a grant of up to CA\$100 million (\$77.3 million) to enhance cargo and logistics operations at Edmonton International Airport. The money comes from a national infrastructure program aimed at enhancing cross-border trade and making Canada more competitive. The entire development, covering 2,000 acres with 60 million square feet of e-commerce logistics and fulfillment centers at full build-out, has a price tag of \$2.7 billion to \$3.9 billion, Keehn said.

Canadian airport sets up logistics beachhead for US e-commerce, August 25, 2022, www.freightwaves.com

US/WORLD

WFS to Focus on Reshaping Airline Resilience Post-COVID



Source: IATA

The International Air Transport Association (IATA) announced that the 2022 World Financial Symposium (WFS) will focus on reshaping airline resilience. The event will take place from 19-22 September in Doha, Qatar, with Qatar Airways as the host airline. Following the greatest shock to aviation in history, the industry is emerging rapidly from the pandemic and government-mandated travel restrictions of the past two years. Industry losses are expected to reduce to \$9.7 billion this year from nearly \$180 billion in red ink in 2020-21. As travel barriers fall in most regions, very strong demand is supporting expectations for a recovery to pre-COVID-19 traffic levels by 2024, with profitability a possibility in 2023.

WFS to Focus on Reshaping Airline Resilience Post-COVID, August 23, 2022, www.iata.org

Los Angeles International Airport breaks single-month cargo record in June

Cargo operations at Los Angeles International Airport (LAX), one of the busiest ports in the United States, set another single-month record for trade by value in June 2022, with a total of 14.9 billion U.S. dollars in global imports and exports. In June 2022, LAX totaled 8.86 billion dollars in imports and 6.07 billion dollars in exports, a 22.94-percent increase over June 2021 and a 16.59-percent increase over May 2022, said Los Angeles World Airports, which owns and operates LAX and Van Nuys Airport for the city of Los Angeles, in a news release on August 22, 2022, citing a ustradenumbers.com analysis of U.S. government data. For the first half of 2022, trade at LAX was valued at 78.71 billion dollars, which is a 21.52-percent increase over the first six months in 2021, said the news release, adding that imports have led the way at 47.81 billion

dollars year-to-date while exports were valued at 30.9 billion dollars. Those figures place LAX eighth among all ports of entry in the U.S., and third among all U.S. airports. The continuation of record-setting cargo operations at LAX highlights the airport's critical role in the global supply chain, said Justin Erbacci, chief executive officer of Los Angeles World Airports, in the news release

Los Angeles International Airport breaks single-month cargo record in June, August 23, 2022, www.aircargo.com



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Transportation's Top Stories

Rail Transport Updates

CANADA

TSB Rail Safety 2021-2022 Year in Review



Source: Railway Age

In accordance with subsection 13(3) of the Canadian Transportation Accident Investigation and Safety Board Act, Canada's Transportation Safety Board (TSB) has submitted its Annual Report to Parliament for the period covering April 1, 2021 to March 31, 2022. The Report (downloadable below) covers rail, air, marine and pipelines. Following are excerpts from the Rail Transportation section. TSB received 1,232 reports of rail transportation occurrences in 2021 (1,038 accidents and 194 incidents), including 60 fatalities. The 1,038 accidents represent a 5% increase from 2020 but a 3% decrease from the 10-year average of 1,071. The 60 rail transportation-related fatalities reported in 2021 are the same as in the previous year but below the 10-year average of 71. Among the fatalities, 42 involved trespassers, compared to 40 in 2020 and the 10-year average of 40. The number of crossing accident fatalities, 16, decreased in 2021 compared to 2020's 18 and is lower than the 10-year average of 23. TSB "is conducting ongoing research to better understand crossing accidents in the winter in a safety issue investigation."

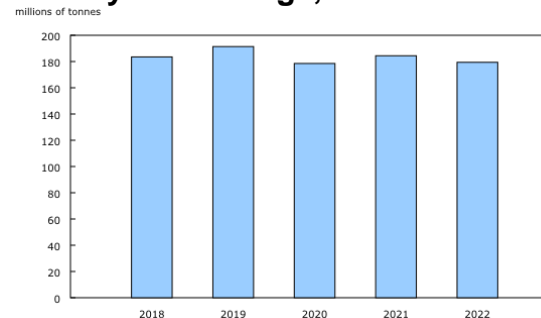
TSB Rail Safety 2021-2022 Year in Review, August 23, 2022, www.railwayage.com

CP clears regulatory hurdle in KCS merger

Canadian Pacific Railway Limited has received the required regulatory clearance from the Committee on Foreign Investment in the United States for the proposed combination of CP and Kansas City Southern (KCS). CP completed its acquisition of KCS on Dec. 14, 2021. Immediately upon the closing of the acquisition, the shares of KCS were placed into a voting trust which ensures KCS will operate independently of CP while the U.S. Surface Transportation Board (STB) completes its regulatory review of the companies' joint railroad control application to create Canadian Pacific Kansas City (CPKC), the only single-line railroad linking the United States, Mexico and Canada.

CP clears regulatory hurdle in KCS merger, August 23, 2022, www.insidelogistics.ca

Railway carloadings, June 2022



Source: Statistics Canada

Canadian railways transported 30.1 million tonnes of freight in June 2022, edging up 1.3% from June 2021 and the second consecutive month of year-over-year increase in tonnage. Large increases in loadings of iron ores and energy products offset the ongoing declines in

grain shipments. Also contributing to the overall increase were freight loadings from US rail connections, which reached 3.9 million tonnes in June 2022, a 9.2% increase from June 2021. To further explore current and historical data in an interactive format, please visit the Monthly Railway Carloadings: Interactive Dashboard. The chart shows the railways carloadings, total tonnage, January to June, 2018 to 2022

Railway carloadings, June 2022, August 24, 2022, www.statcan.gc.ca

TSB Issues Safety Recommendations Following 2019 CN Derailment Investigation and TSB urges measures to combat fatigue in derailment findings



Source: Railway Age

The Transportation Safety Board of Canada (TSB) is calling for Transport Canada and the Canadian rail industry to expedite the implementation of automated train control systems and to develop and implement formal crew resource management training, following its investigation of the 2019 CN train collision and derailment in Manitoba. TSB reported that the accident “highlights major issues in the rail industry and reinforces TSB’s call for physical fail-safe train controls for over two decades through recommendations R13-01 [on implementation of such controls beginning with Canada’s high-speed rail corridors] and R00-04 [on rail industry implementation of ‘additional backup safety defenses to help ensure that signal indications are consistently recognized and followed’].” The Board says a 2019 train collision and derailment west of Winnipeg was the result of crew fatigue and inexperience and has made recommendations to prevent similar accidents in the future. “If Transport Canada and the railway industry do not act more quickly to implement physical fail-safe defenses to reduce the consequences of inevitable human errors, the risk of collisions and derailments will persist with a commensurate risk to people, property and the environment,” board chair Kathy Fox said Wednesday.

Association of American Railroads’ (AAR) Aug. 24 report, August 24, 2022, www.railwayage.com; and TSB urges measures to combat fatigue in derailment findings, August 25, 2022, www.insidelogistics.ca

US/WORLD

Rail Traffic Uptick for Week 33



Source: Railway Age

For the week ending Aug. 20, 2022, U.S. rail traffic was up 0.1% over the same week last year; total carloads came in 2.9% higher while intermodal volume continued its downward trend, dipping 2.4%, according to the Association of American Railroads’ (AAR) Aug. 24 report. In Week 33 (ending Aug. 20, 2022), U.S. Class I railroads hauled a total of 501,548 carloads and intermodal units, comprising 237,404 carloads and 264,144 containers and trailers. This is the second time in four weeks that a gain in total rail traffic has been reported. Prior to the week ending July 30, 2022, there had been 22 consecutive weeks of total traffic declines. Canadian railroads reported 75,585 carloads for the week, increasing 1.2%, and 74,484 intermodal units, growing 1% from the year-ago period. For the first 33 weeks of 2022, they reported cumulative rail traffic volume of 4,747,008 carloads, containers and trailers, a 3.2% drop.

Rail Traffic Uptick for Week 33, August 24, 2022, www.railwayage.com



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Transportation's Top Stories

Marine Transport Updates

CANADA

PRPA Announces Completion of Fairview-Ridley Connector Corridor Project

The Prince Rupert Port Authority's (PRPA) Fairview-Ridley Connector Corridor formally opened on August 24, 2022 with an official ribbon cutting ceremony. Testing on the route got underway in mid-August, with container truck traffic beginning to travel to the newly opened southern gate at DP World-Prince Rupert Fairview Container Terminal, and the Corridor is set to be fully operational on August 29, 2022. The private haul road and two additional rail sidings now in place enable greater efficiency and competitive advantages at the Port of Prince Rupert, while improving public safety and supporting PRPA's carbon reduction strategy. The Connector Corridor was developed by PRPA as a critical component of the Prince Rupert Gateway's intermodal ecosystem, a closed loop system of road and rail infrastructure that connects transloading and marine terminal operations within the Port's existing footprint. The road and rail corridor directly links Fairview Terminal, both current and future capacity, with future import and export logistics sites on South Kaien Island and Ridley Island, that will offer new opportunities for Canadian businesses to reach global markets through containerized trade.

PRPA Announces Completion of Fairview-Ridley Connector Corridor Project, August 24, 2022, www.rupertport.com

US/WORLD

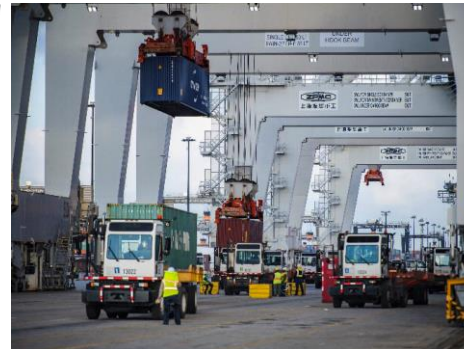
Trans-Pacific rates still sinking. Trans-Atlantic rates still peaking

It's a tale of two oceans: The price to ship containers of cargo eastbound from Asia to the U.S. across the Pacific continues to recede from record levels. In contrast, the price to ship containers westbound across the

Atlantic from Europe has risen through 2022 and is still hovering near all-time highs. Vessel backups remain historically severe off Savannah, Georgia, New York/New Jersey and Houston, whereas conditions have dramatically improved off Los Angeles/Long Beach. Reduced congestion is negative for spot pricing. Thus, Asia-West Coast rates are falling faster than Asia-East Coast rates. The East Coast port congestion that's tying up ships coming from Asia via the Panama Canal is simultaneously soaking up capacity arriving from Europe. Trans-Atlantic vessel capacity is much more limited than in the trans-Pacific, with the balance remaining in favor of shipping lines — even more so due to congestion. Consequently, trans-Atlantic spot rates remain historically strong, bucking the global trend.

Trans-Pacific rates still sinking. Trans-Atlantic rates still peaking, August 21, 2022, www.americanshipper.com

Port Houston Posts New Record Volume



Source: AJOT

Port Houston recorded its biggest July ever for containers. Total volume in July was 328,498 TEUs, which is 10% more than the same month last

year and the fourth-biggest month ever at Port Houston for container volume. Container throughput has reached 2,225,563 TEUs year-to-date, a 17% increase over last year. Port Houston is experiencing rapid growth on all fronts. In July of this year loaded import containers were up 17% compared to the same month last year, at 159,881 TEUs. Loaded exports for the month were at 102,644 TEUs, a 36% increase over the same time period last year, with resins, chemicals and other exports “Made in Texas” and throughout North America. The trends seen locally largely mirror those reported nationwide. According to PIERS data, containerized imports from Asia grew by 6% in the first half of 2022 compared to the same time last year. The National Retail Federation reports retail sales are still expected to grow compared to 2021, though growth will start to recede in the second half of the year.

Port Houston Posts New Record Volume, August 24, 2022, www.ajot.com

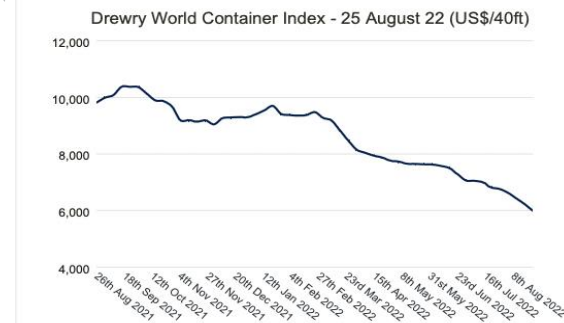
Volumes dip at Chinese ports among new Covid lockdowns

Import and export ocean shipment volume at Chinese ports over the past weeks has declined as strict COVID-19 lockdowns have returned in tourist towns. *FourKites* reports its data show that as several large Chinese cities have been rolling out stringent lockdown policies, volume at the Port of Shanghai has started to decrease since the peak in mid-July, down 18 percent since then. The 14-day average ocean shipment volume is now down 11 percent compared to March 12th (the day before lockdowns went into effect) and down two percent week-over-week for shipments tracked by FourKites. Other Chinese ports are up since March 12th but have been trending down with the volume at the Port of Shenzhen up 19 percent (down 46 percent week-over-week) and the volume at the Port of Ningbo-Zhoushan up 13 percent (down 13 percent week-over-week) compared to March 12th.

Volumes dip at Chinese ports among new Covid lockdowns, August 25, 2022, www.insidelogistics.ca



Drewry's World Container Index - 25 Aug



Source: Drewry Supply Chain Advisors

The composite index decreased by 4% to \$5,985.53 per 40ft container this week, the 26th consecutive weekly decrease, and has dropped by 39% when compared with the same week last year. The latest Drewry WCI composite index of \$5,986 per 40-foot container is now 42% below the peak of \$10,377 reached in September 2021, but it remains 64% higher than the 5-year average of \$3,648. The average composite index for the year-to-date is \$7,995 per 40ft container, which is \$4,347 higher than the five-year average (\$3,648 mentioned above). The composite index decreased by 4% to \$5,985.53 per 40ft container, and is 39% lower than the same week in 2021. Freight rates on Shanghai – Los Angeles dropped 6% or \$394 to \$6,127 per feu. Spot rates on Shanghai – Rotterdam fell 5% or \$420 to \$8,010 per 40ft container. Rates on Shanghai – Genoa and New York - Rotterdam decreased 2% each to \$8,391 and \$1,278 per 40ft box respectively. Similarly, rates on Shanghai – New York dipped 1% to \$9,569 per feu. Rates on Los Angeles – Shanghai, Rotterdam – Shanghai and Rotterdam – New York hovered around the previous week’s level. Drewry expects the index to decrease in the next few weeks.

Drewry's World Container Index - 25 Aug, August 25, 2022, www.ajot.com



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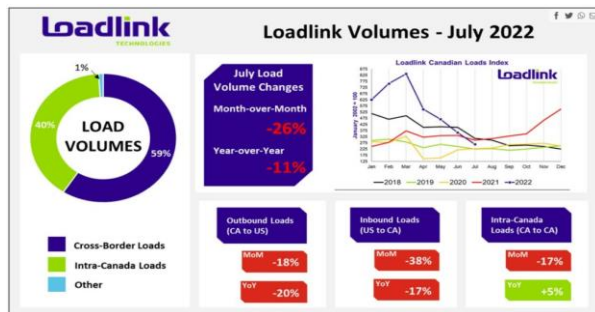
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Road Transport Updates

CANADA

Canadian spot market dipped 26% in July: Loadlink



Source: Today's Trucking

The Canadian spot market softened again in July 2022, with loads dropping 26% from June 2022 and 11% year over year, *Loadlink Technologies* reported. July's truck-to-load ratio was 3.51, just over 14% higher than the ratio of 3.08 in July 2021. Capacity has grown for a fourth straight month in July 2022, continually recovering from the dramatic capacity strains brought about during the pandemic. While national averages trend downward, Loadlink's Posting Index reveals that there are lanes still experiencing growth. Truckloads shipping across the border from Canada to the U.S. fell by 18% from last month, now culminating in a 20% decline from this time last year. Equipment postings were up 2% year over year, unchanged from June. Inbound loads fell 38% compared to last month and 17% compared to last July. Equipment postings were up by 2% year over year and 2% from June 2022. Freight activity within Canada has seen a 17% dip from June 2022, though loads within Canada are still 5% greater than what was seen this time last year.

Canadian spot market dipped 26% in July: Loadlink, August 25, 2022, www.todaystrucking.ca

North American Transborder Freight up 21.8% in June 2022 from June 2021

The highlights of transborder freight between the U.S. and North American countries (Canada and Mexico) in June 2022 were as follows: 1. Total transborder freight: \$141.2 billion of transborder freight moved by all modes of transportation, up 21.8% compared to June 2021; 2. Freight between the U.S. and Canada totaled \$73.3 billion, up 24.7% from June 2021; 3. Freight between the U.S. and Mexico totaled \$67.9 billion, up 18.8% from June 2021; 4. Trucks moved \$83.4 billion of freight, up 15.5% compared to June 2021; 5. Railways moved \$18.9 billion of freight, up 15.4% compared to June 2021. US-Canada freight in both directions by mode were as follows: 1. Truck \$37.2b; 2. Rail \$11.1b; 3. Pipeline \$13.2b; 4. Vessel \$4.5b; and 5. Air \$3.2b.

North American Transborder Freight up 21.8% in June 2022 from June 2021, August 24, 2022, www.bts.gov

TFI International selling truckload, temp control and Mexican business

TFI International Inc. is selling Contract Freighters' truckload, temp control and Mexican non-asset logistics businesses (the CFI TL, TC & MX business) to Heartland Express, Inc. for US\$525 million. The CFI TL, TC & MX business provides truckload service offerings, including time-definite dry-van truckload, long-haul and short-haul freight transportation, reefer transportation and Mexico-based non-asset logistics services. It has 2,000 tractors, 7,800 trailers and 2,800 employees. CFI's Mexican logistics business has a network of nearly 200 C-TPAT certified Mexico carrier partners.

TFI International selling truckload, temp control and Mexican business, August 23, 2022, www.insidelogistics.ca

B.C. increases enforcement after trucks hit overpasses

The B.C. Ministry of Transportation and Infrastructure has increased its Commercial Vehicle Safety and Enforcement (CVSE) patrols with an emphasis on enforcing height restrictions in response to a spate of commercial vehicles colliding with overpasses. The province says in the past 12 months there have been at least seven incidents of trucks carrying overheight loads striking overhead bridges, according to news reports. Since June 2022, there have been at least four incidents in which commercial trucks carrying oversized loads have hit overpasses along B.C. highways. In early June, a truck collided with the Cambie Road overpass in Richmond, causing part of Hwy. 99 to shut down. A couple of weeks later, a dump truck towing an excavator hit the 232nd overpass on Hwy. 1 in Langley.

B.C. increases enforcement after trucks hit overpasses, August 22, 2022, www.todaystrucking.com

US/WORLD

Trucking Ops Costs Reach Record Highs: ATRI



Source: Ontruck

Last year was the most expensive time to operate a truck than any time in history, according to the latest Analysis of the Operational Costs of Trucking report from the American Transportation Research Institute (ATRI), which CTA is a member of. The total cost of trucking increased 12.7% in 2021, to US\$1.855 per mile, according to the study of U.S. fleets. That's the highest cost on record, and was driven by fuel (+35.4% compared to 2020), repair and maintenance costs (+18.2%), and driver wages (+10.8%). Collectively, costs were up US\$74.65 per hour compared to the previous year. Smaller fleets were hit hardest, with fleets running 100 or fewer trucks seeing their costs increase 4.9 cents a mile more than larger fleets. Driver compensation averaged 80.9 U.S. cents a mile, a 10% increase over 2020, ATRI reports.

Trucking Ops Costs Reach Record Highs: ATRI, August 19, 2022,

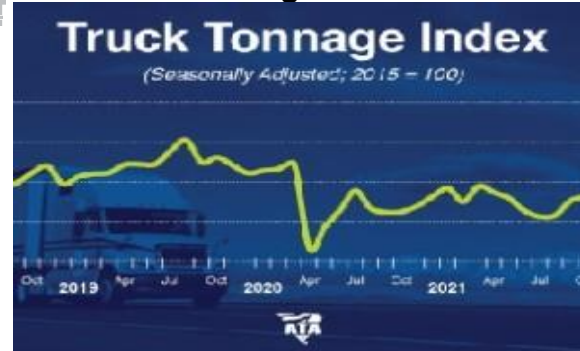
www.ontruck.ca

Electric trucks get reality check at ACT Research conference

Paul Rosa, Penske's senior vice-president knows people are enthusiastic about battery-electric trucks. He just believes it leaves a false impression about the number of such zero-emission vehicles in service. A mere 2,300 Class 3-8 electric vehicles were built in 2021, noted Penske's senior vice-president – procurement and fleet planning. Only 400 of the vehicles were Class 8 trucks. Another 400 were Class 5 units. The biggest share of the total included 900 Class 6/7 buses. Compare that to the 800,000 Class 4-8 vehicles manufactured overall. Battery-electric vehicles account for 0.5% of all vehicles on the road when all vehicle classes are considered, noted Patrick Manzi, chief economist at the National Automobile Dealers Association (NADA). "It's going to take a long time before they're the dominant powertrain on the road. It could be one or two decades before they begin to displace the number of combustion engines."

Electric trucks get reality check at ACT Research conference, August 24, 2022, www.todaystrucking.com

ATA Truck Tonnage Index Decreased 1.1% in July



Source: AJOT

American Trucking Associations' advanced seasonally adjusted (SA) For-Hire Truck Tonnage Index fell 1.1% in July after rising 0.5% in June. In July, the index equaled 116.2 (2015=100) versus 117.5 in June. "Tonnage declined sequentially in July for only the second time during the last twelve months. Despite the dip from June, tonnage remains at elevated levels and increased significantly from a year earlier," said ATA Chief Economist Bob Costello. "While tonnage is much stronger than a year ago, the monthly gains have moderated as the year has gone on."

The combination of softer consumption of goods, home construction falling and slower manufacturing activity are the main reasons.”

ATA Truck Tonnage Index Decreased 1.1.% in July, August 24, 2022, www.ajot.com

US Driver Demand Drives Up Pay



Source: Ontruck

Truck driver wages in the US rose significantly in 2021 as demand for drivers amid the ongoing driver shortage increased, according to the results of an industry survey released by the American Trucking Associations. As part of the 2022 ATA Driver Compensation Study, fleets were queried about their driver and owner-operator compensation, including pay rates, bonuses and benefits. The fleets cumulatively represented more than 135,000 employee drivers and nearly 20,000 independent contractors. The median truckload driver earned about \$69,700 in 2021 — an 18% increase from the previous survey in 2019 and up nearly 11% over 2020 levels. That median amount includes bonuses but excludes other benefits. The median includes new drivers to the industry, which brings down the average. There were many drivers who made significantly more than the media, said ATA Chief Economist Bob Costello in a press conference. The median salary for a driver at a private fleet was \$85,000. At a less-than-truckload fleet it was \$73,000.

US Driver Demand Drives Up Pay, August 25, 2022, www.ontruck.ca



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Other Transport Updates

CANADA

Retailers in Canada See First Sales Drop in Seven Months

Canadian shoppers may be starting to pull back on their spending as inflation erodes their purchasing power. An advance estimate suggests retail sales dropped 2% in July 2022, Statistics Canada reported on August 19, 2022 in Ottawa. That's after a 1.1% jump in June 2022, the sixth straight increase, which was driven by higher sales at gas pumps and vehicle dealers. The July number suggests higher inflation, rising interest rates and slumping confidence may be starting to weigh on household spending following a period of consumer resiliency during the economy's reopening. The statistics agency didn't provide details of the July number, though inflation data from the same month show gasoline prices fell sharply. The early estimate is based on responses received from 36.5% of companies surveyed. Some of the estimated decline "can be chalked up to lower gasoline prices, but the majority looks to be due to consumer fatigue," Royce Mendes, head of macro strategy at Desjardins Securities Inc., said in a report to investors. "Canadians have been feeling the pinch from both high inflation and rising interest rates. So it should come as little surprise that retailers are beginning to see the pace of sales slow."

Retailers in Canada See First Sales Drop in Seven Months, August 19, 2022, www.ajot.com

Travel between Canada and other countries, June 2022

In June 2022, the number of international arrivals to Canada continued to increase, but still remained less than 2019 levels, before the pandemic. Residents of overseas countries made over 13 times more trips to Canada in June 2022 compared with the same month in 2021, over half (52.2%) of the trips taken in June 2019. Likewise, US residents took more than 1.7 million trips to Canada in June 2022. This too was over

times the number of trips seen in June 2021, and represented 57.5% of the trips in June 2019. Canadian residents returned from almost 2.6 million trips in June 2022, nearly seven times more trips compared with June 2021. The number of trips by Canadian residents reached three-fifths (59.9%) of the June 2019 pre-pandemic level. For more up-to-date estimates of international arrivals into Canada, please see July's "Leading indicator of international arrivals to Canada."

Travel between Canada and other countries, June 2022, August 23, 2022, www.statcan.gc.ca



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Creating Strategic Value Through Sustainability

THURSDAY, SEPTEMBER 15, 2022
60 Minute Webinar
1200 ET / 1100 CT / 0900 PT / 1700 UK

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Environmental, Social and Governance (ESG) issues can carry significant reputational and operational risks to our supply chains. Climate change, the pandemic, cyber attacks, new regulations, societal shifts and geopolitical conflict in recent times have all conspired to challenge the sustainability of our supply chains. Our awareness and mitigation of the risks can not only improve the resilience of our transport and logistics systems, but also create new value for stakeholders.

Janet Drysdale, Vice-President Financial Planning & Sustainability, CN

Geoffrey Tauvette, Executive Director of the Canadian Council for Sustainable Aviation Fuels (C-SAF)

Please join us on Thursday, September 15 at 1200 ET/1100 CT/0900 PT/1700 UK for a webinar hosted by the Chartered Institute Logistics and Transport North America (CILTNA).

Topic: "Creating Strategic Value Through Sustainability"

Summary: Environmental, Social and Governance (ESG) issues can carry significant reputational and operational risks to our supply chains. Climate change, the pandemic, cyber attacks, new regulations, societal shifts and geopolitical conflict in recent times have all conspired to challenge the sustainability of our supply chains. Our awareness and mitigation of the risks can not only improve the resilience of our transport and logistics systems, but also create new value for stakeholders.

Guest Speakers: Janet Drysdale, Vice-President Financial Planning & Sustainability, CN and Geoffrey Tauvette, Executive Director of the Canadian Council for Sustainable Aviation Fuels (C-SAF).

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WEBINAR

Supply Chain and Automated Freight in Canada

October 5, 2022
13:00 – 14:30

CO-PRESENTED BY

Please join us on Wednesday, October 5 at 13:00 ET/10:00 PT/12:00 CT/ 18:00 UK for a webinar co-presented by the Chartered Institute Logistics and Transport North America (CILTNA), [AloT Canada](#), [Alberta Motor Transport Association \(AMTA\)](#), [CAVCOE](#), [Intelligent Transportation Society of Canada \(ITS Canada\)](#) and [Vitesse](#)

With the unprecedented supply chain disruptions caused by a pandemic and war, our supply chains face new realities and challenges to do things differently. Can we leverage the promise of connected and autonomous vehicles for Automated Freight to overcome supply chain problems, and how? Will Automated Freight be the first of the Automated Transportation subsegments to roll out at scale by addressing this real-world problem, paving the way for later Passenger Autonomous Transportation adoption?

Join us to learn about Canadian and global initiatives in Automated Freight transportation and why and how we can progress with it to move

cargo to and from our ports, city to city, and the last mile. Hear industry and government speakers' presentations and a panel discussion on actualizing Automated Freight's full potential and benefits for Canada. This is also your opportunity to ask questions and offer input toward solutions.

To register, please visit: <https://ciltna.com/events/webinar-supply-chain-and-automated-freight-in-canada/>

*** The Freight and Marine Young Members Council (YMC-FM)** would like to invite all current or potential Young Members (35 and younger) to submit an abstract (500 words or less) for participation in a special lightning talk and poster session for young professionals at the 102nd Transportation Research Board Meeting in Washington, DC during January of 2023.

This session is designed to provide young professionals and students with the opportunity to share in-progress work in the freight and marine areas. Interested applicants should review the attached Call for Submissions, and submit the completed application **by September 23, 2022, to Majbah Uddin at uddinm@ornl.gov**. The document contains all relevant information about participating in this TRB special session and can be found at the following link: <https://ciltna.com/wp-content/uploads/2022/08/2023-TRB-YMC-FM-WIP-Call-for-Submissions.pdf>

Should you have any questions regarding this session or the submission process, please feel free to contact Majbah Uddin (uddinm@ornl.gov), YMC-FM Subcommittee Chair.

Job Postings

*** Postdoctoral Scholar in Sustainable Freight Transportation Technologies**

The College of Engineering – Center for Environmental Research and Technology (CE-CERT) at the University of California, Riverside, is seeking a highly motivated postdoctoral scholar to join our Transportation Systems Research (TSR) group in conducting research related to sustainable freight transportation technologies. Candidates

with knowledge and research experience in freight travel demand modeling, vehicle scheduling and routing, vehicle energy and emissions

modeling, geospatial data analysis, advanced optimization, machine learning, and high-performance computing, are encouraged to apply. The TSR group consists of a multidisciplinary team of more than 20 faculty members, graduate and undergraduate students, and staff engineers. We conduct research in the areas of advanced vehicles and intelligent transportation systems with a focus on developing and evaluating technologies that improve the travel and energy efficiencies as well as reduce the environmental impact of transportation activities. Several recent and current research projects involve the development of novel sustainable freight transportation technologies, all the way from conceptualization to design, simulation, prototyping, and real-world demonstration.

Specific activities of the successful candidate may include:

- Develop new vehicle scheduling and routing techniques and evaluate their effectiveness
- Model energy, emissions, and air quality impacts of freight movement
- Conduct field testing of new vehicle scheduling and routing techniques
- Perform mining, analysis, visualization, and interpretation of vehicle activity big data
- Assist in producing high-quality publications, reports, and research proposals
- Support additional related research projects as needed

Please click here to view the view description and qualifications:

https://www.cert.ucr.edu/sites/g/files/rcwecm1251/files/2021-10/2021_TSR%20postdoc%20position_2021.10.27.pdf

Those interested should send their curriculum vitae and a cover letter to certjobs@cert.ucr.edu with the subject "TSR Postdoc Position". In the cover letter, please provide a statement of research interests and experience.



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If you need assistance with creating your account or joining, please contact Rebecca Whelan at admin@ciltna.com