

PHD 14-2022

Niagara EMS Resources Impact
Rick Ferron, Interim Chief

Health Care System Challenges

- Widespread systemic pressures
 - Human resource challenges
 - Increased demand
 - Primary care availability
 - Mobility within health care system
- Paramedics part of ED contingency planning

Toronto

Ambulance use in Ontario has grown far faster than population, study finds



Findings come with hospital emergency rooms jammed, ambulance availability often at 'level zero'

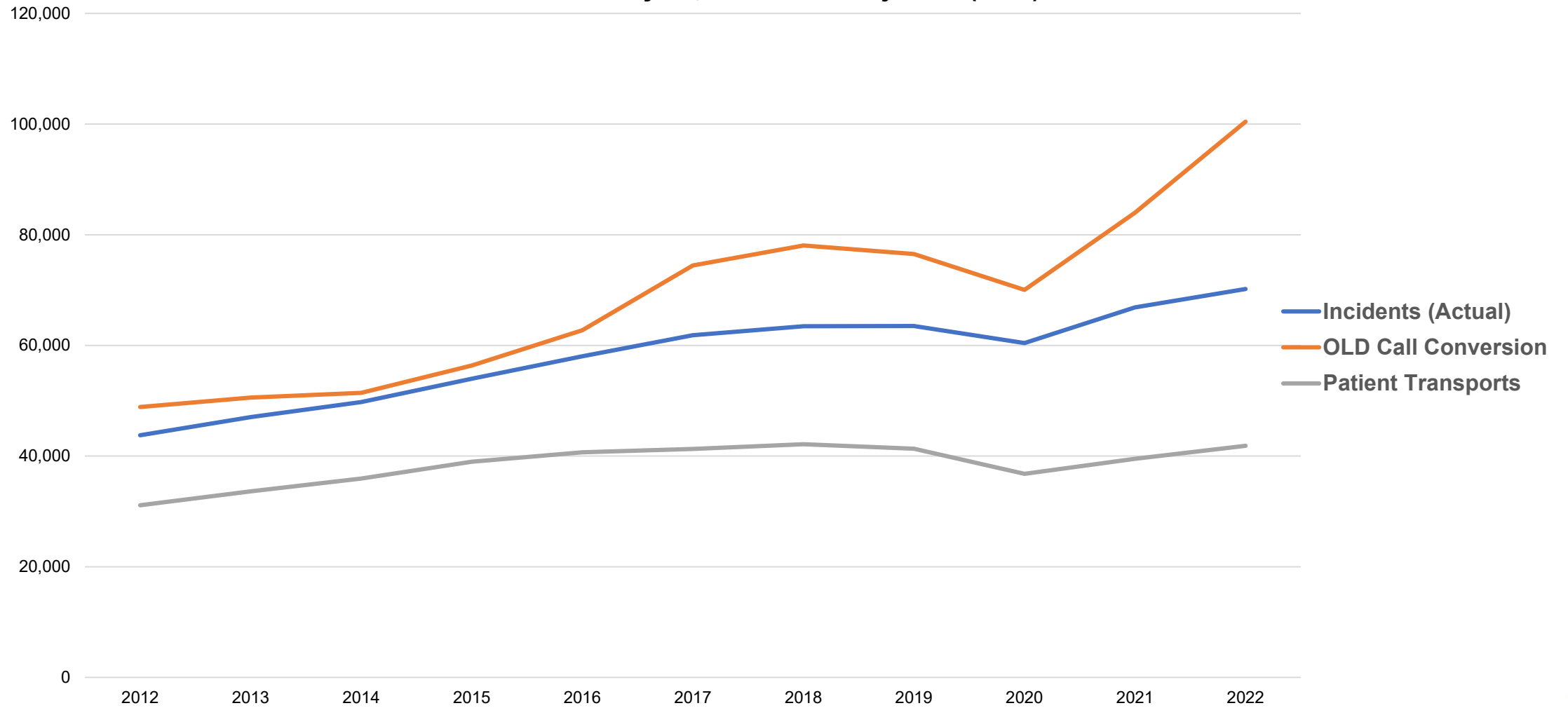
CBC News · Posted: Aug 19, 2022 5:00 AM ET | Last Updated: 7 hours ago

The study was led by researchers at Hamilton's McMaster University and it looked at the yearly numbers of patients transported by ambulance paramedics to hospital emergency rooms across Ontario from 2010 to 2019.

It found a 38.3 per cent increase in the number of ambulance patient transports to ERs over the decade, an increase four times larger than the province's 9.6 per cent population growth over the same period.

Incidents per Year, Actual and Adjusted (OLD)

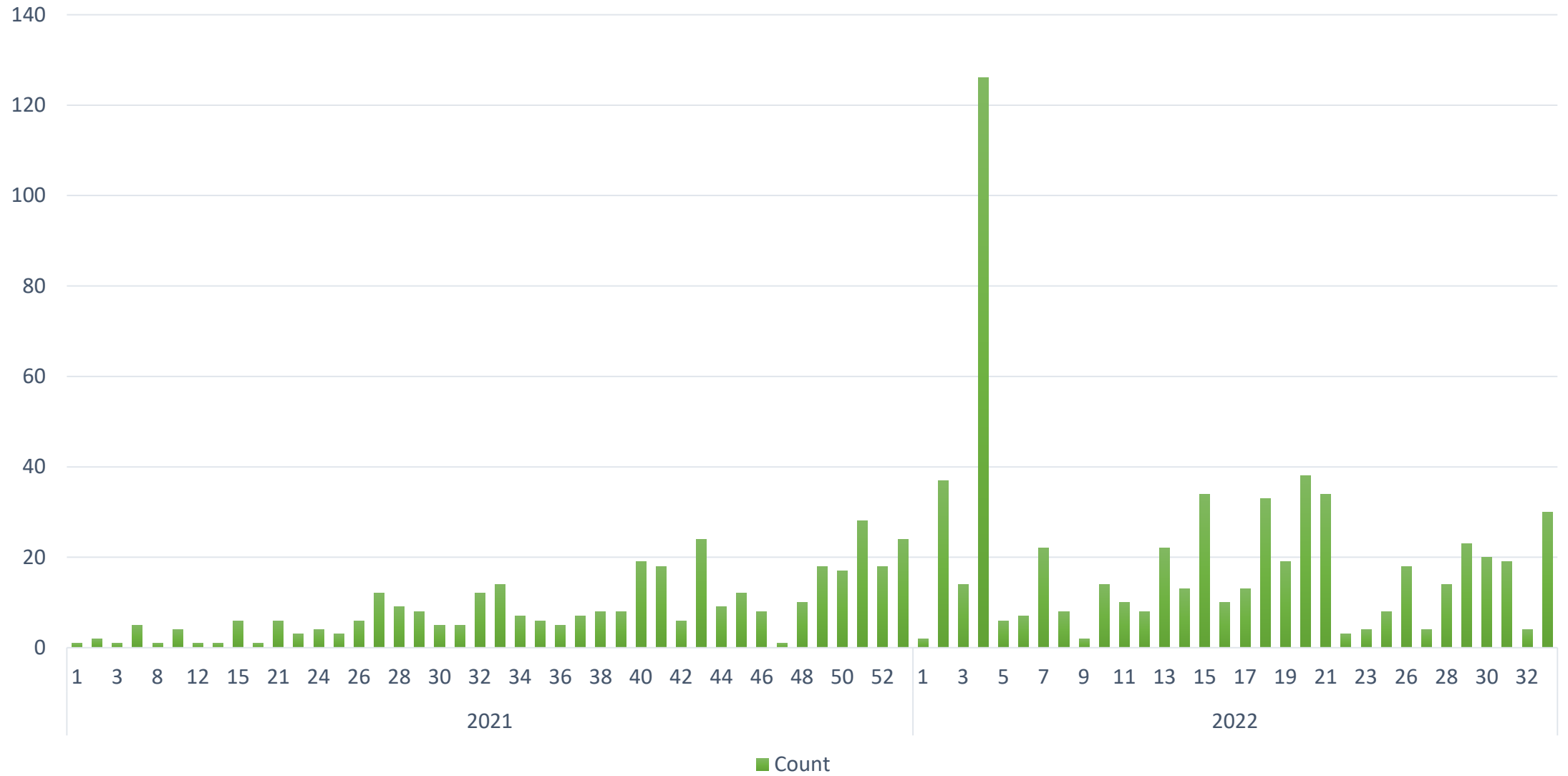
Incidents/year, Actual and Adjusted (OLD)



90 Day Evaluation

- Offload delays have decreased slightly, and are still well above pre-2022 record levels.
- Call volume is in a seasonal high, as anticipated, but is at least 5% above previous seasonal highs.
- The combined effect -> a projected **record 19% increase** on EMS demand over 2021 (previous record).

T0-T4 Time > 2 hours



90 Day Evaluation

- 'Alert Status' decreased 34% for the period in question
- Forced end-of-shift overtime static, which may be attributed to the extra resources.

Month	Meal Break Compliance
May	90%
June	96%
July	94%
August	95%

Questions?