

The rise of EV misinformation, and how to tackle it

A Clean Energy Canada webinar

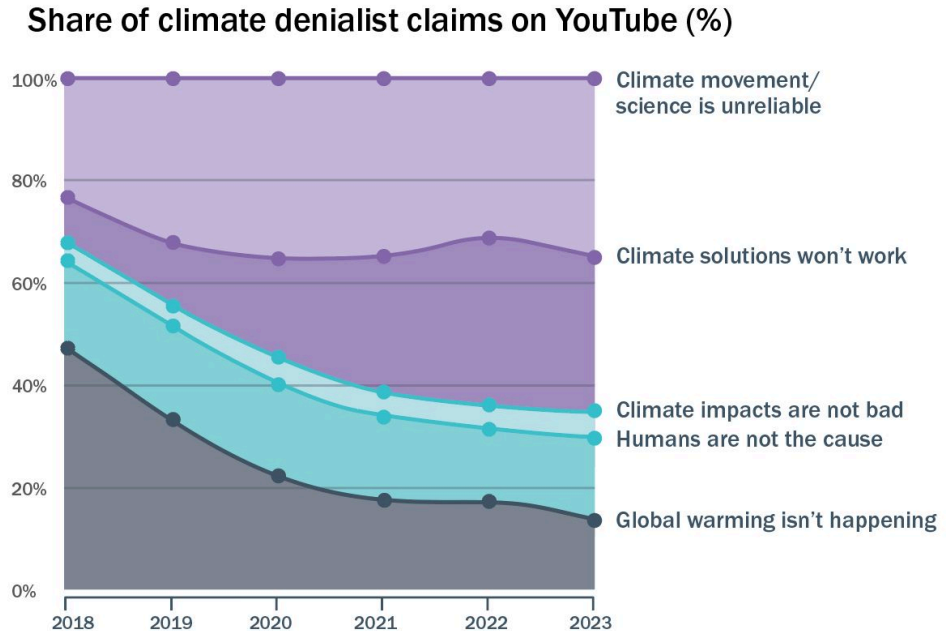
March 12, 2024



Climate denial is changing

- YouTube data charts a clear shift from old denial to new denial.

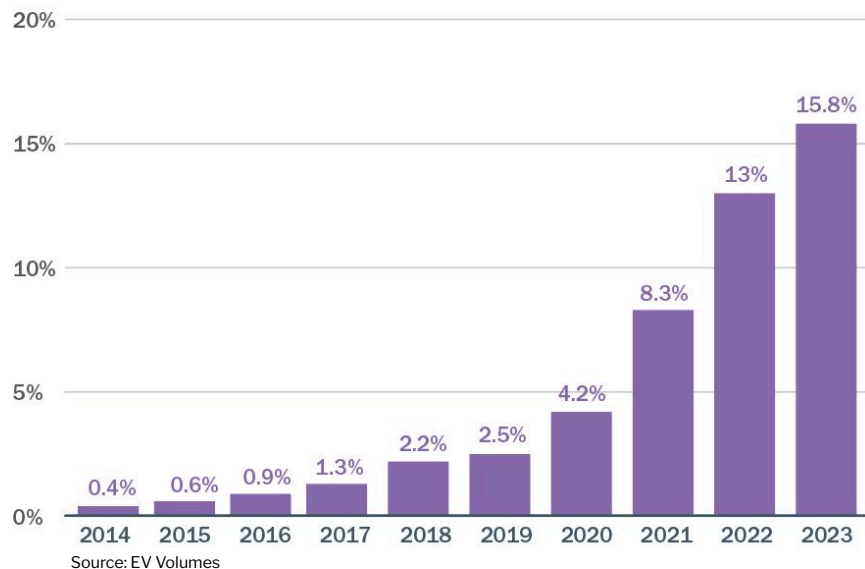
Source: Center for Countering Digital Hate



EV sales are increasing

- EVs made up 16% of new car sales globally.
- In Canada it was 12%.
2023 growth rate in EV registrations higher than 2022.
- EV sector only indicator on track to meet global climate targets.

% of global passenger vehicle sales that are BEVs or PHEVs



One U.S. study led EV news for weeks in July, amid rapid sales growth in Canada

OPINION

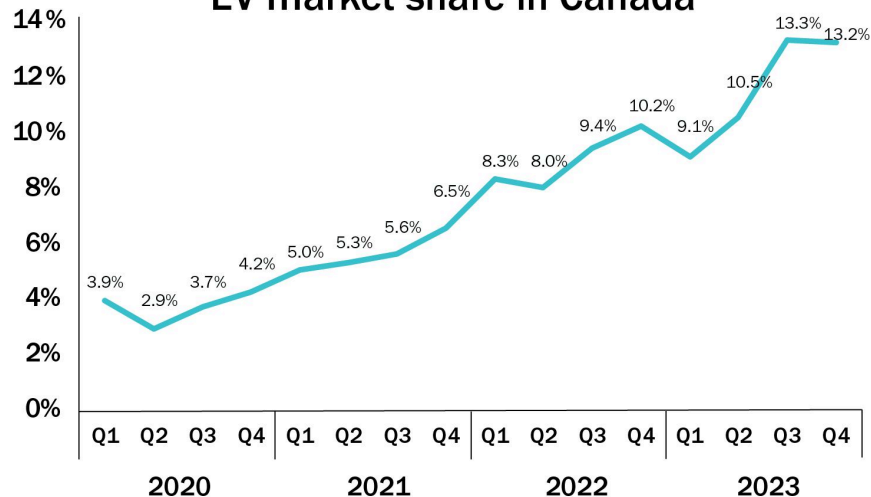
Unsold electric vehicles are piling up – people like the idea but are not buying them

MAIL

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Slow-selling EVs are the auto industry's new headache

EV market share in Canada



Data: S&P Global

News favours bad news

Tesla Disaster As Cars Won't Charge in Freezing Cold

Published Jan 17, 2024 at 7:18 AM EST

Updated Jan 17, 2024 at 8:13 AM EST

The New York Times

Electric Car Owners Confront a Harsh Foe: Cold Weather

In freezing temperatures, the batteries of electric vehicles can be less efficient and have shorter range, a lesson many Tesla drivers in Chicago learned this week.

'Don't Buy a Tesla': Chicago's EV Drivers Struggle With Sub-Zero Temperatures

Below-freezing temperatures are rapidly draining EV batteries across Chicago, meaning more tows and long lines to charge.

LOCAL NEWS >

**Tesla owners run into battery charging
trouble in Chicago's bitter cold**

News favours bad news

Tesla Disaster As Cars Won't Charge in Freezing Cold

Published

Tech

Electric cars fail less in extreme cold than fuel-powered vehicles, Norwegian breakdowns reveal

Figures from Norway's Viking come amid reports of Tesla issues in subzero temperatures

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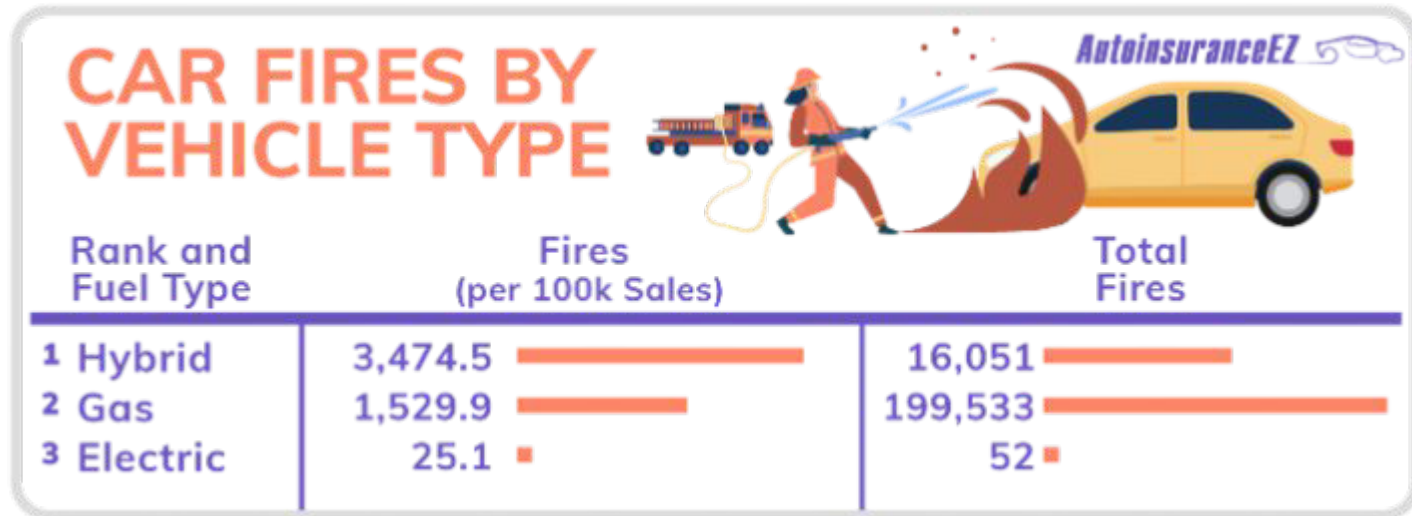
Drivers
atures

ago, meaning more

LOCAL NEWS >

Tesla owners run into battery charging trouble in Chicago's bitter cold

EVs far less likely to catch fire



EVs are the biggest money savers

ELECTRIC

2023 Chevrolet Bolt EV

Retail price: **\$38,943**

Rebate-adjusted price: **\$30,479****

Battery range: 417 kilometres

Total ownership cost: \$48,943

Break even point*
8 months

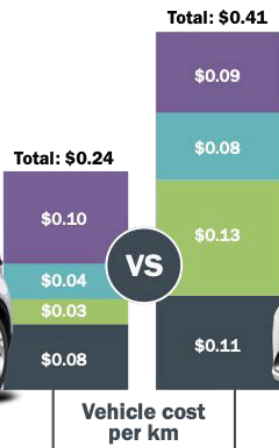


GAS

2023 Toyota Corolla Hatchback XSE

Retail price: **\$29,890**

Total ownership cost: \$82,515



Choosing a Chevrolet Bolt instead of a Toyota Corolla Hatchback would save **\$33,600 over a 10-year ownership period.**

***based on an average of rebates available across the country.

- Fuel
- Maintenance and repairs
- Cost of car (depreciation)
- Taxes, insurance, and other costs

Questions?

Each Monday we publish the Clean Energy Review, a free weekly digest of must-read climate and clean energy stories from across Canada and around the world.

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