Road Usage Charging

Travis Brouwer, Assistant Director

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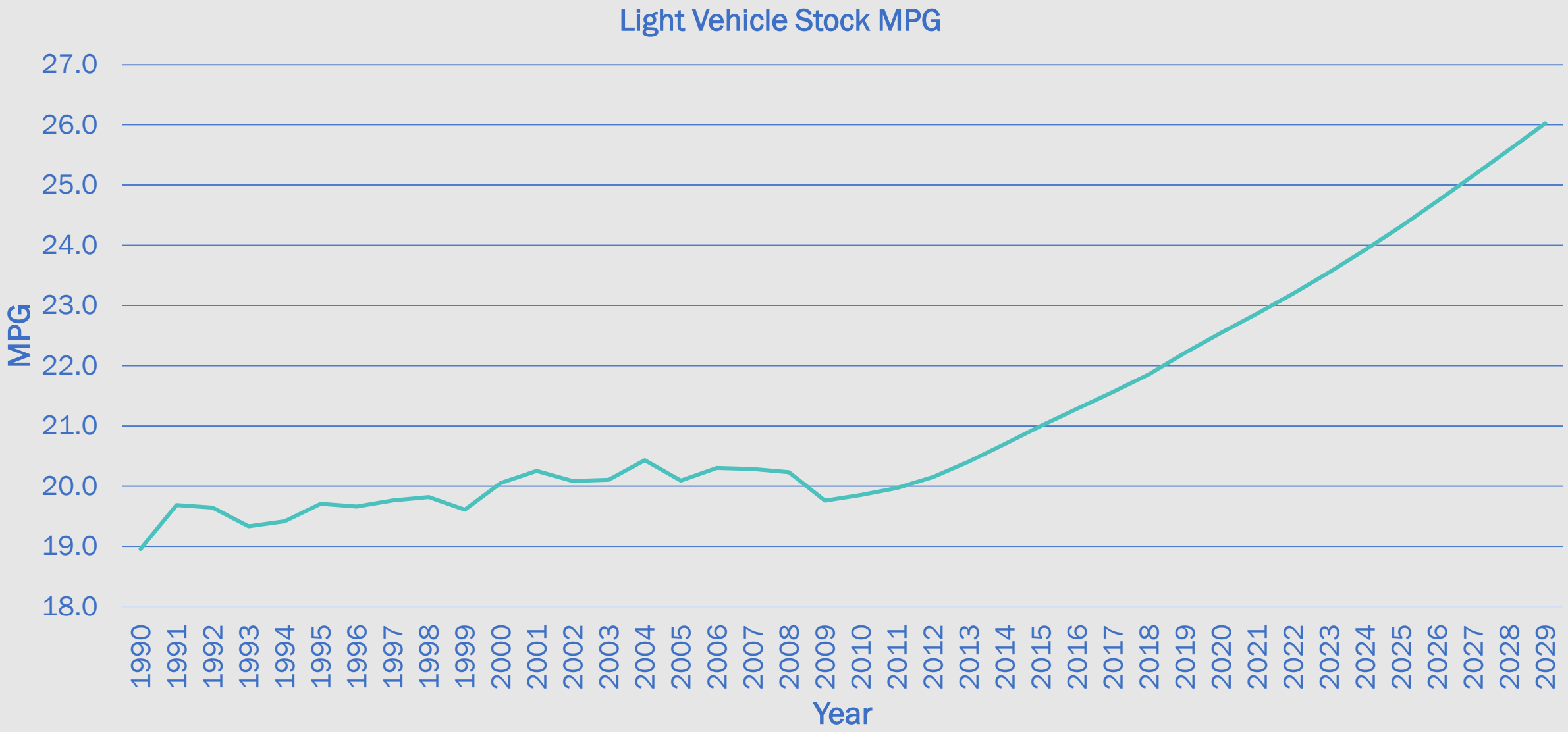
February 27, 2020

Oregon Department of Transportation

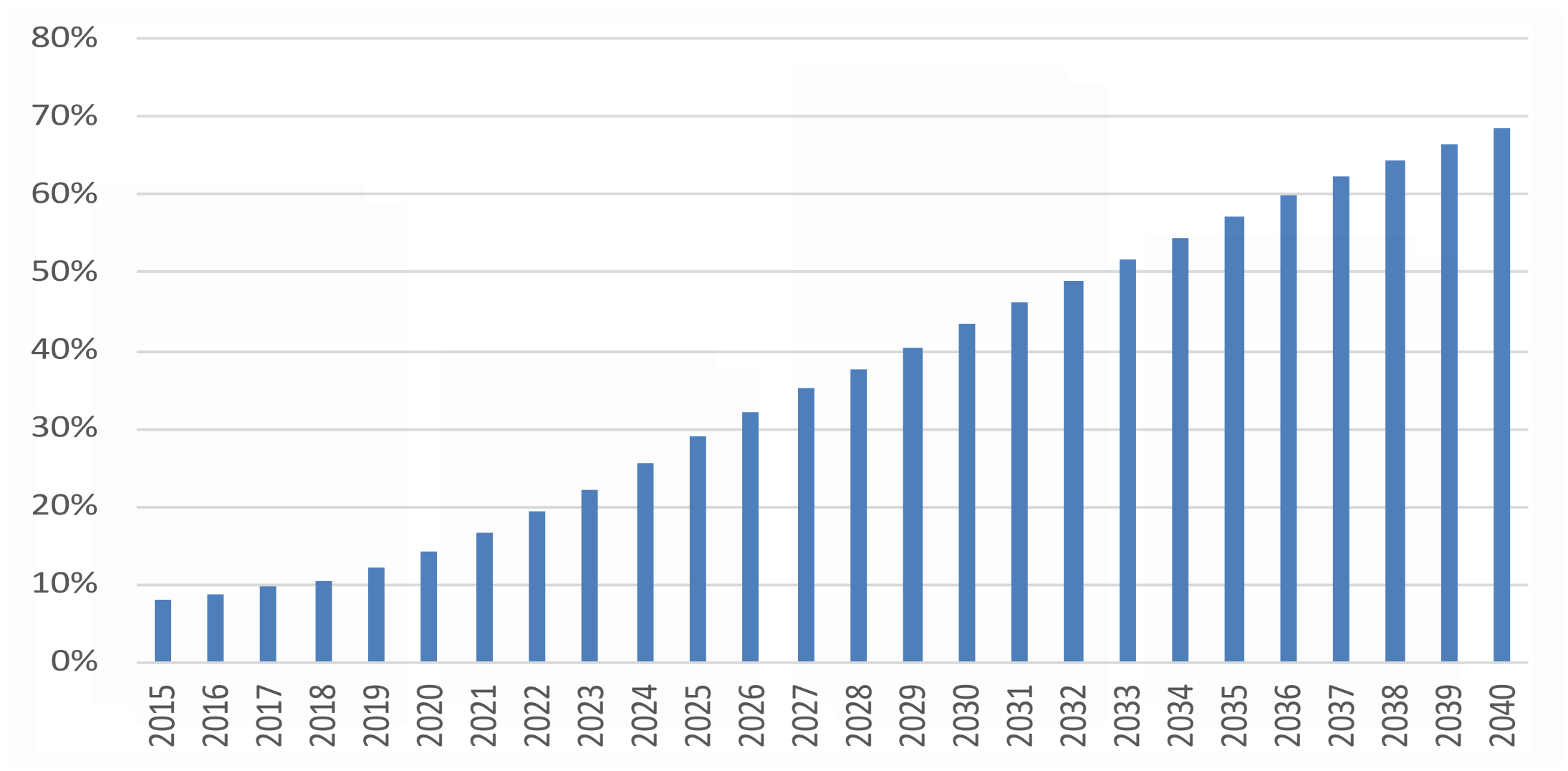
What is Road Usage Charging?



Why is Road Usage Charging Important?

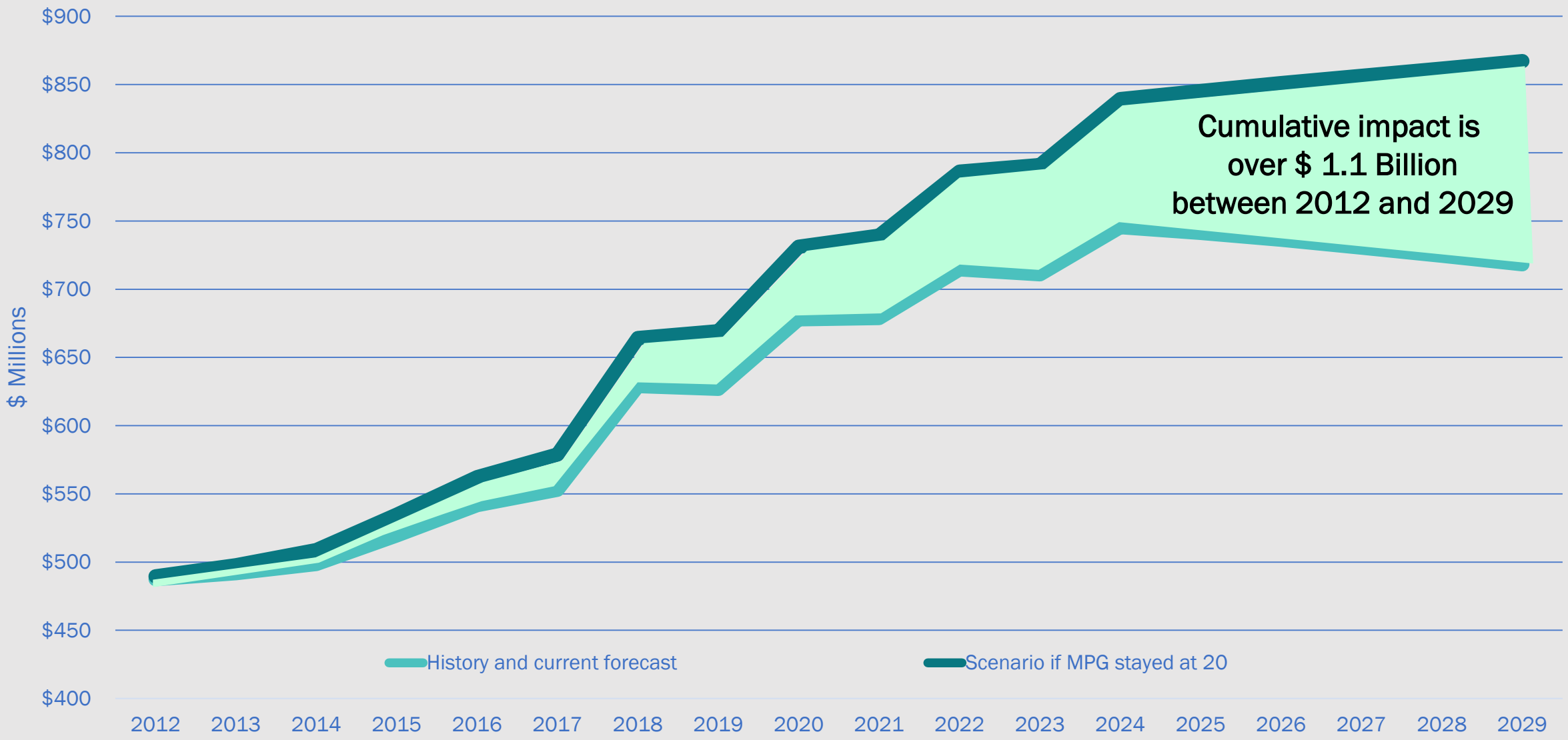


Projected share of passenger vehicles over 30 MPG



Source: ODOT RUC Financial Model

Projected Revenue is Declining Due to Increasing MPG



Source: ODOT October 2019 State Revenue Forecast

It’s not just hybrid & electric vehicles…

2004 Subaru Outback



HWY MPG	25
City MPG	19

2020 Subaru Outback



HWY MPG	33
City MPG	26

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Source: www.fueleconomy.gov

And it’s not just small cars



2020 Chevy 1500 4WD Diesel

HWY MPG	29
City MPG	23



2020 Ram 1500 4WD Diesel

HWY MPG	29
City MPG	24

Oregon Department of Transportation

Source: www.fueleconomy.gov

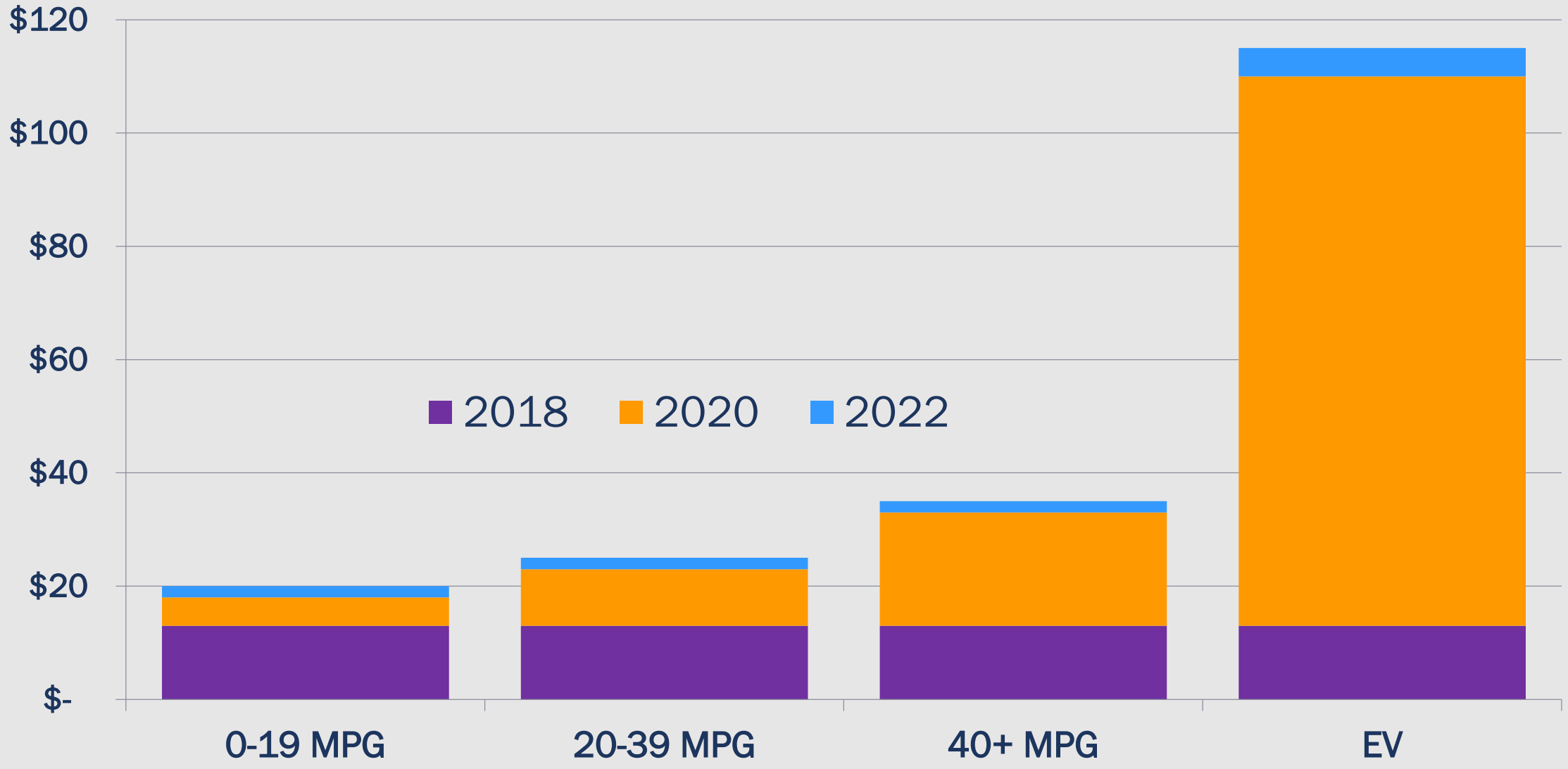
Medium-duty

- Medium-duty vehicles are becoming more efficient, and using alternative fuels

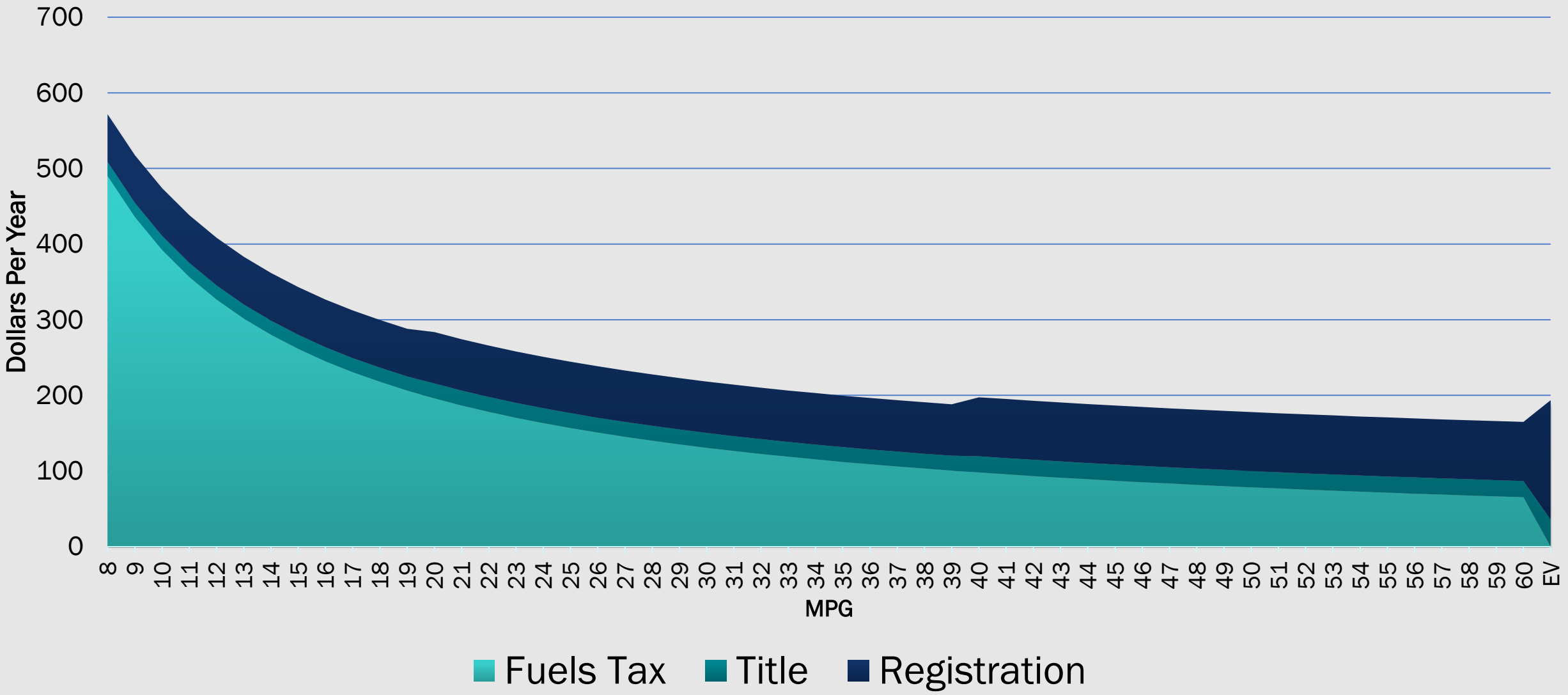
- SB 1504 (2020)



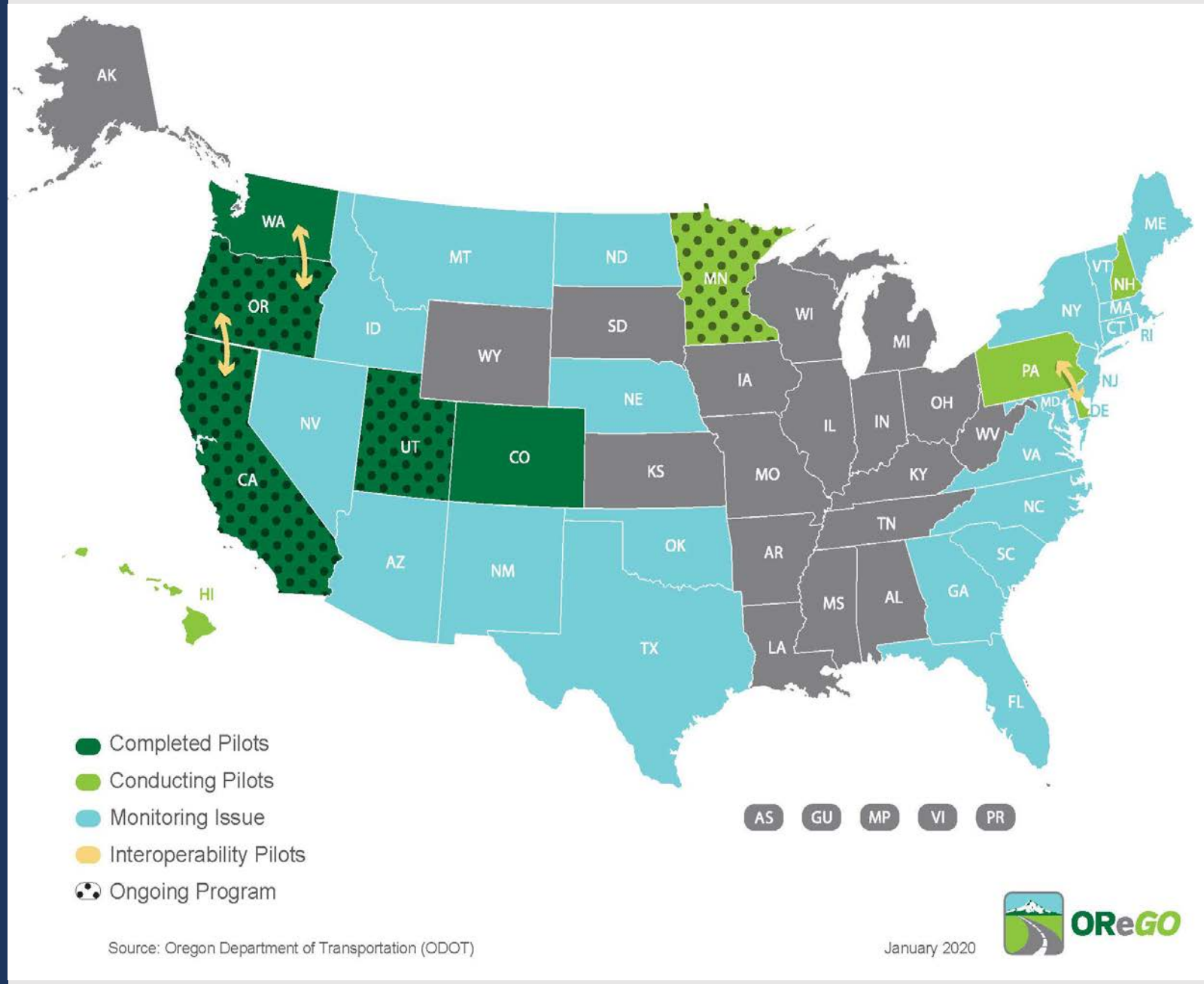
HB 2017 Tiered Registration Fees



Total Vehicle Taxes and Fees by MPG



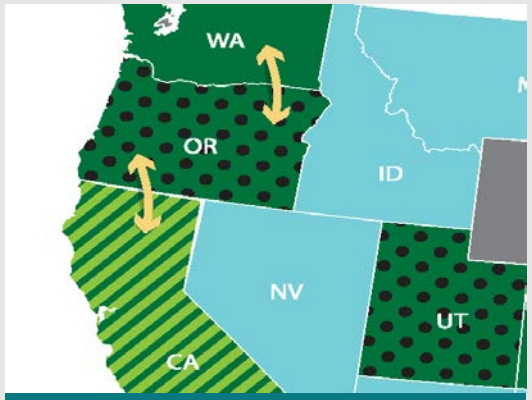
National Interest in Road Usage Charging



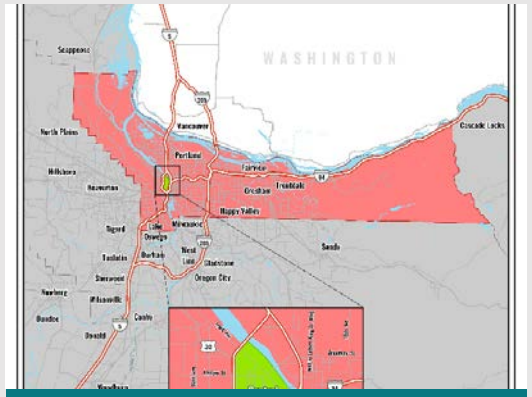
Next Steps for Road Usage Charging



New Technologies



Interoperability



Local Option RUC



National pilot?

Thank You.