



Insurance Institute for Highway Safety  
Highway Loss Data Institute

# Integration of ADAS into the passenger fleet

"Reaching Zero Crashes: A Dialogue on the Role of Current Advanced Driver Assistance Systems

October 27, 2016

Washington, DC

Matt Moore

Vice President

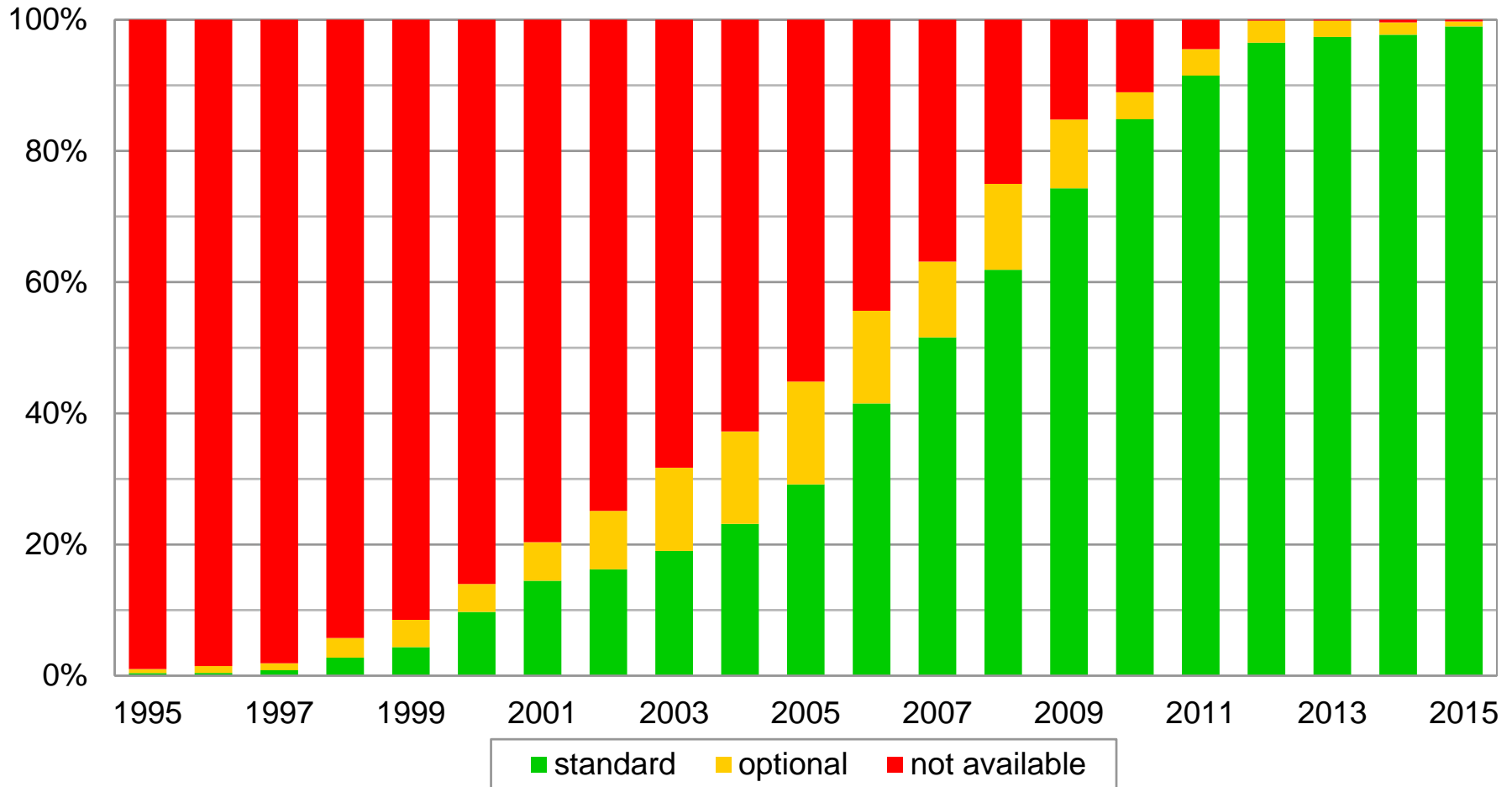
Highway Loss Data Institute

[iihs.org](http://iihs.org)

# Phase in of collision avoidance systems

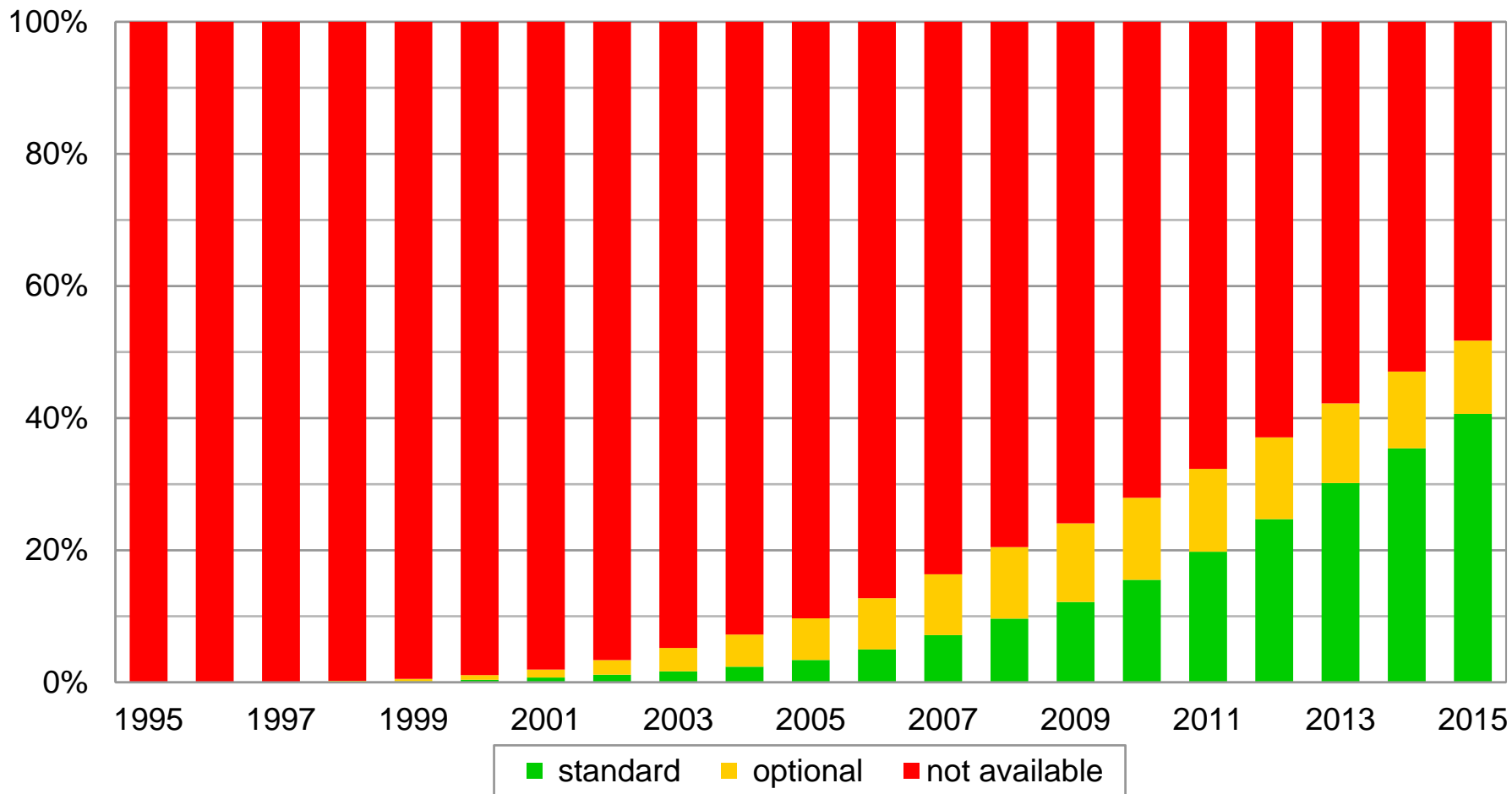
# New vehicle series with electronic stability control

By model year



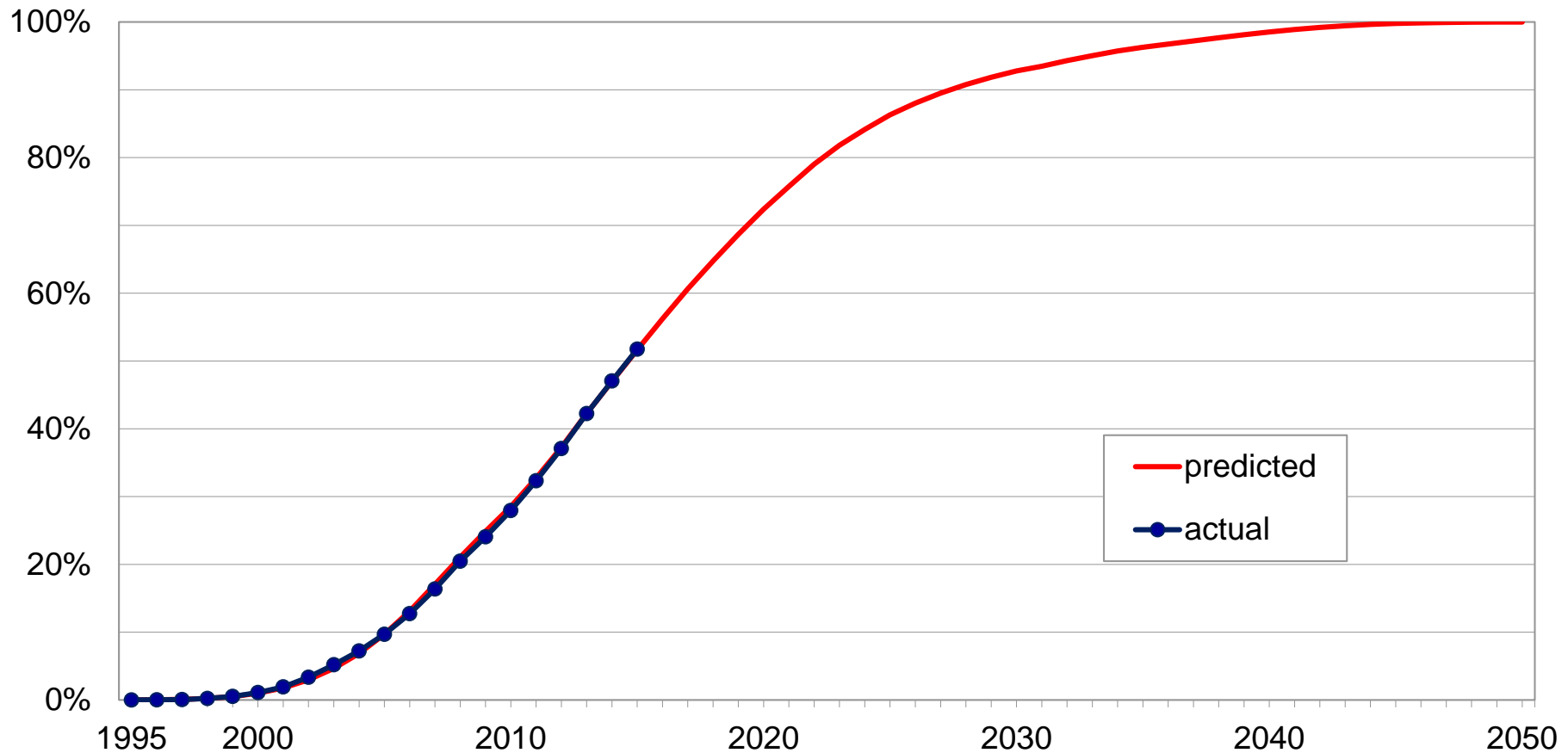
# Registered vehicles with electronic stability control

By calendar year



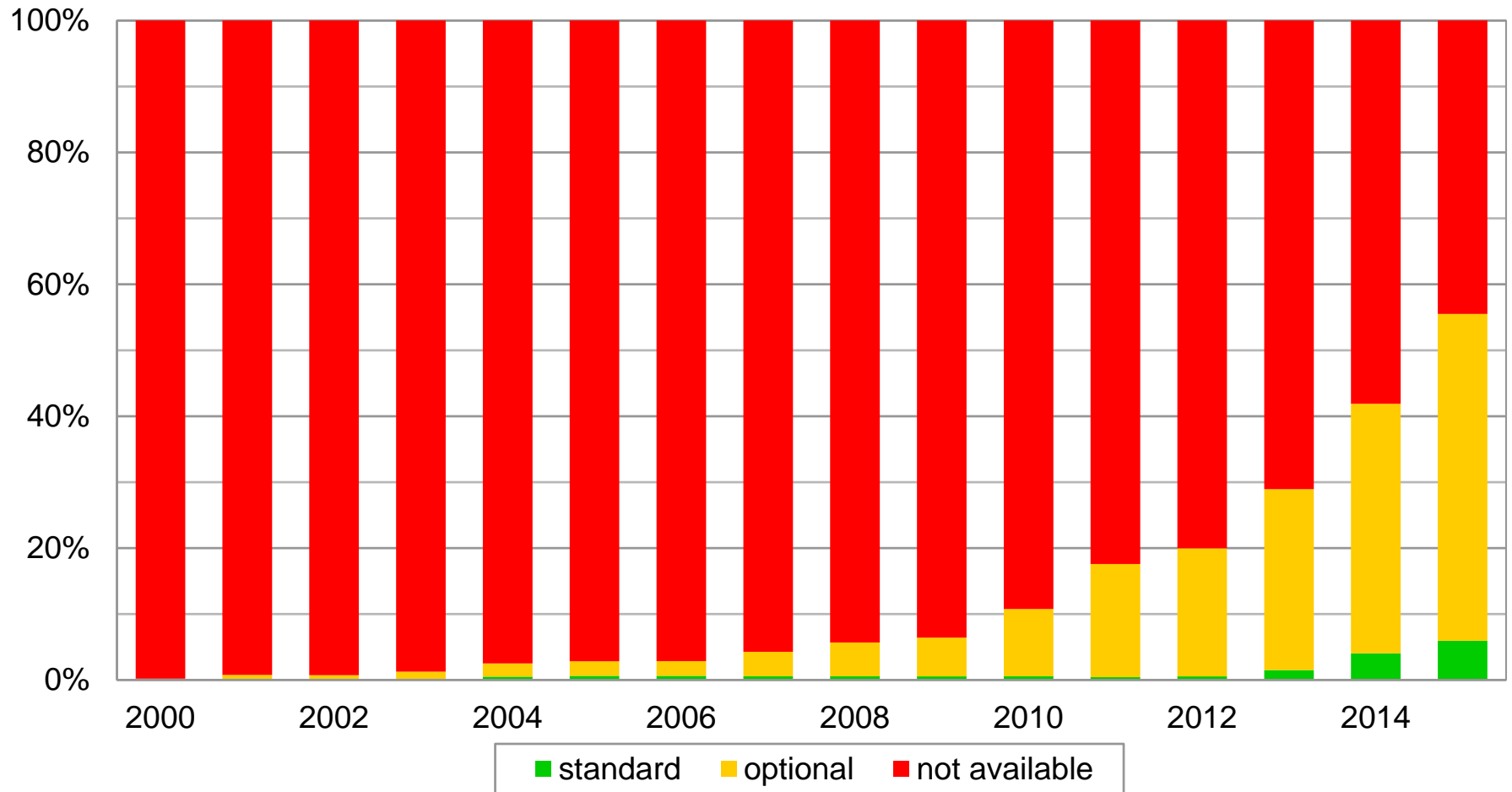
# Registered vehicles with available electronic stability control, actual and predicted

By calendar year



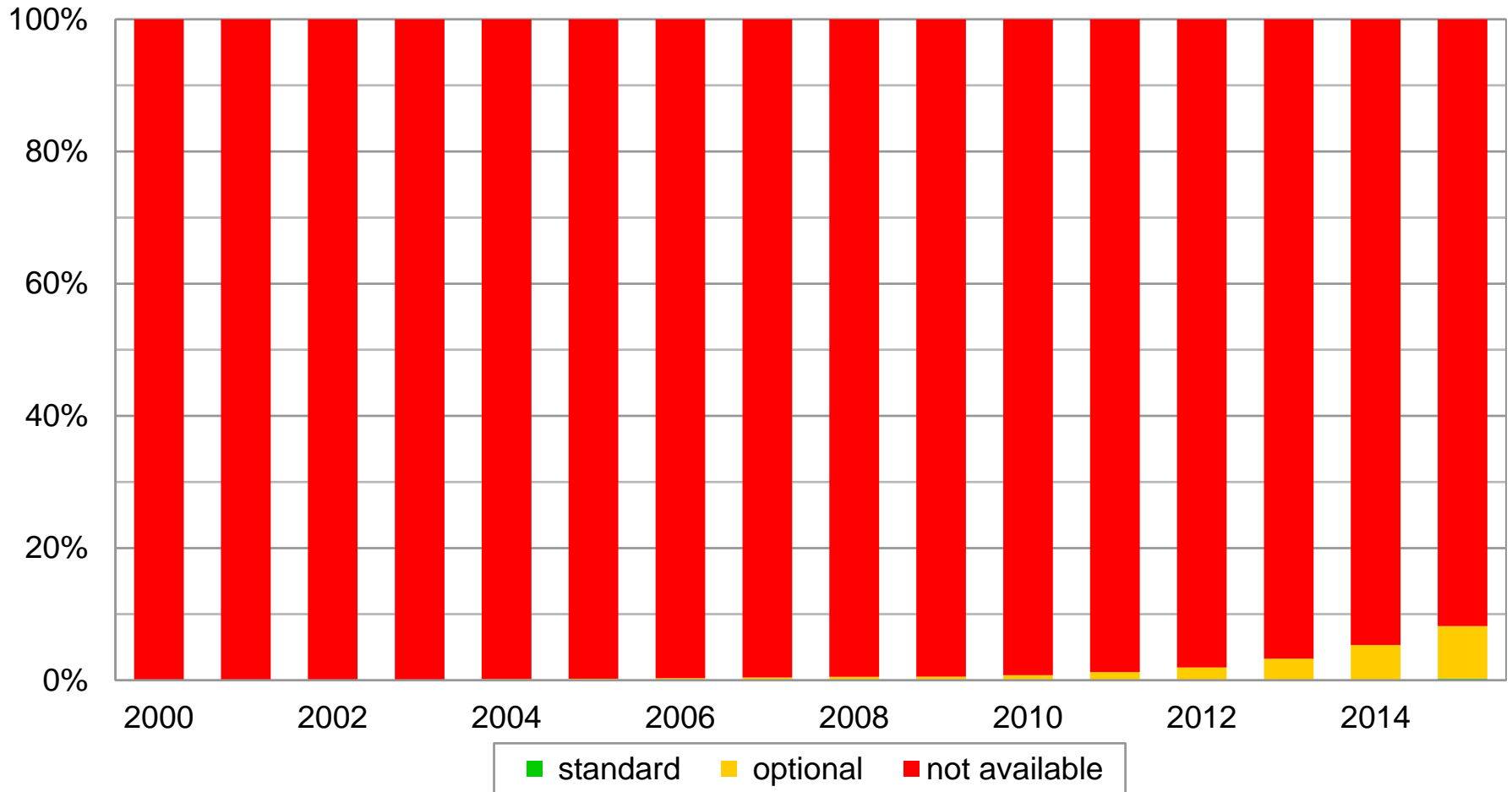
# New vehicle series with front crash prevention

By model year



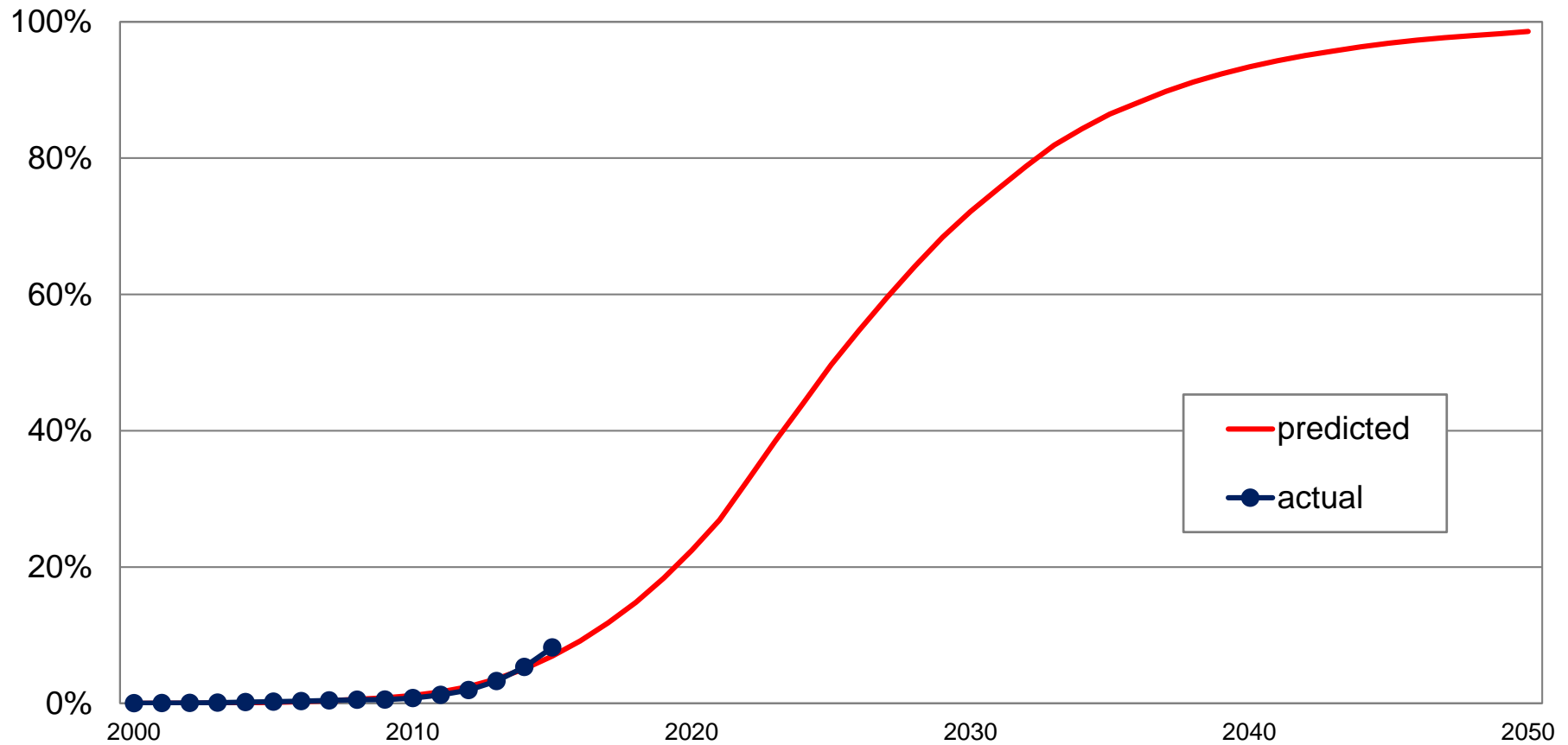
# Registered vehicles with front crash prevention

By calendar year



# Registered vehicles with available front crash prevention, actual and predicted

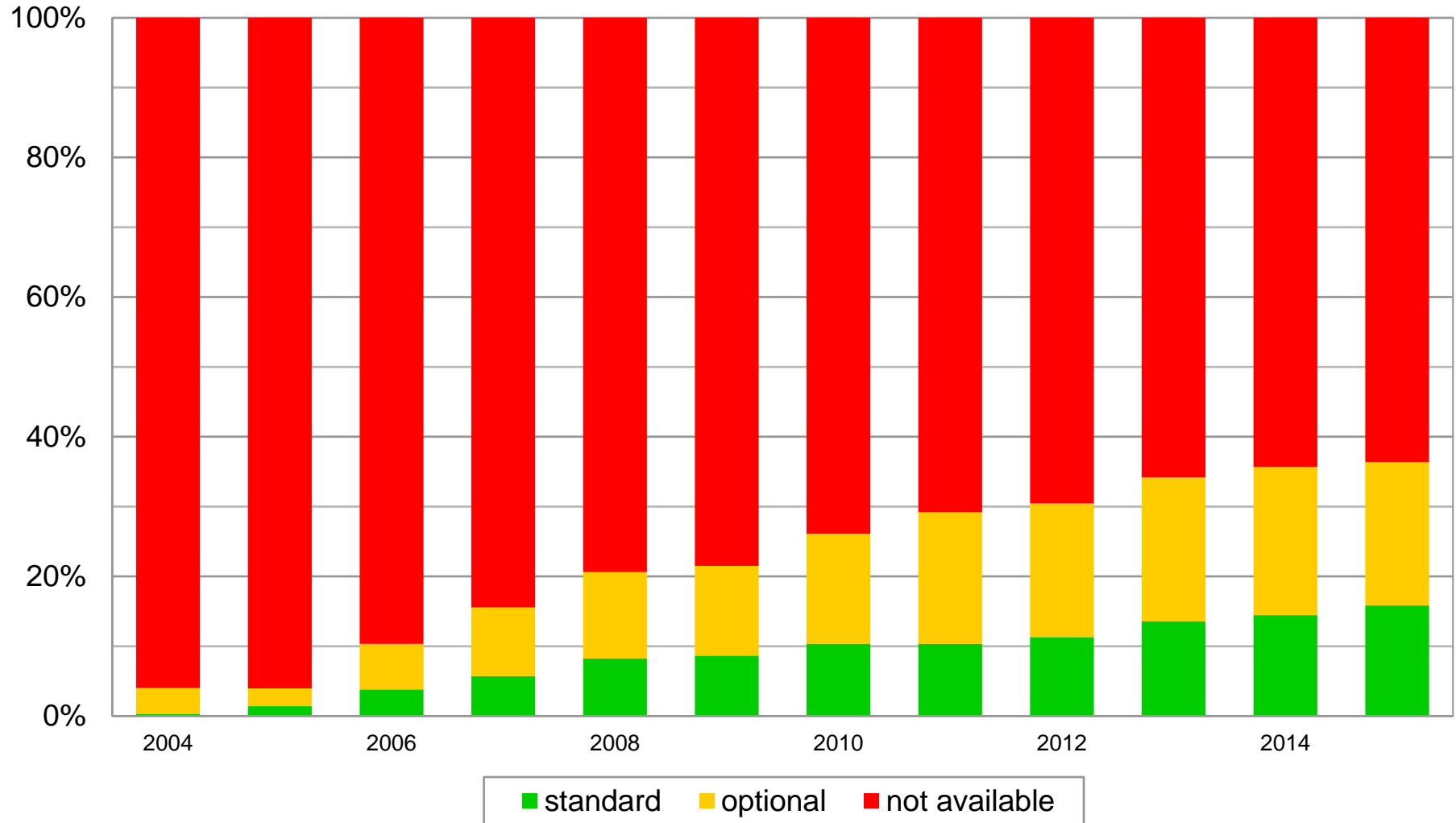
By calendar year





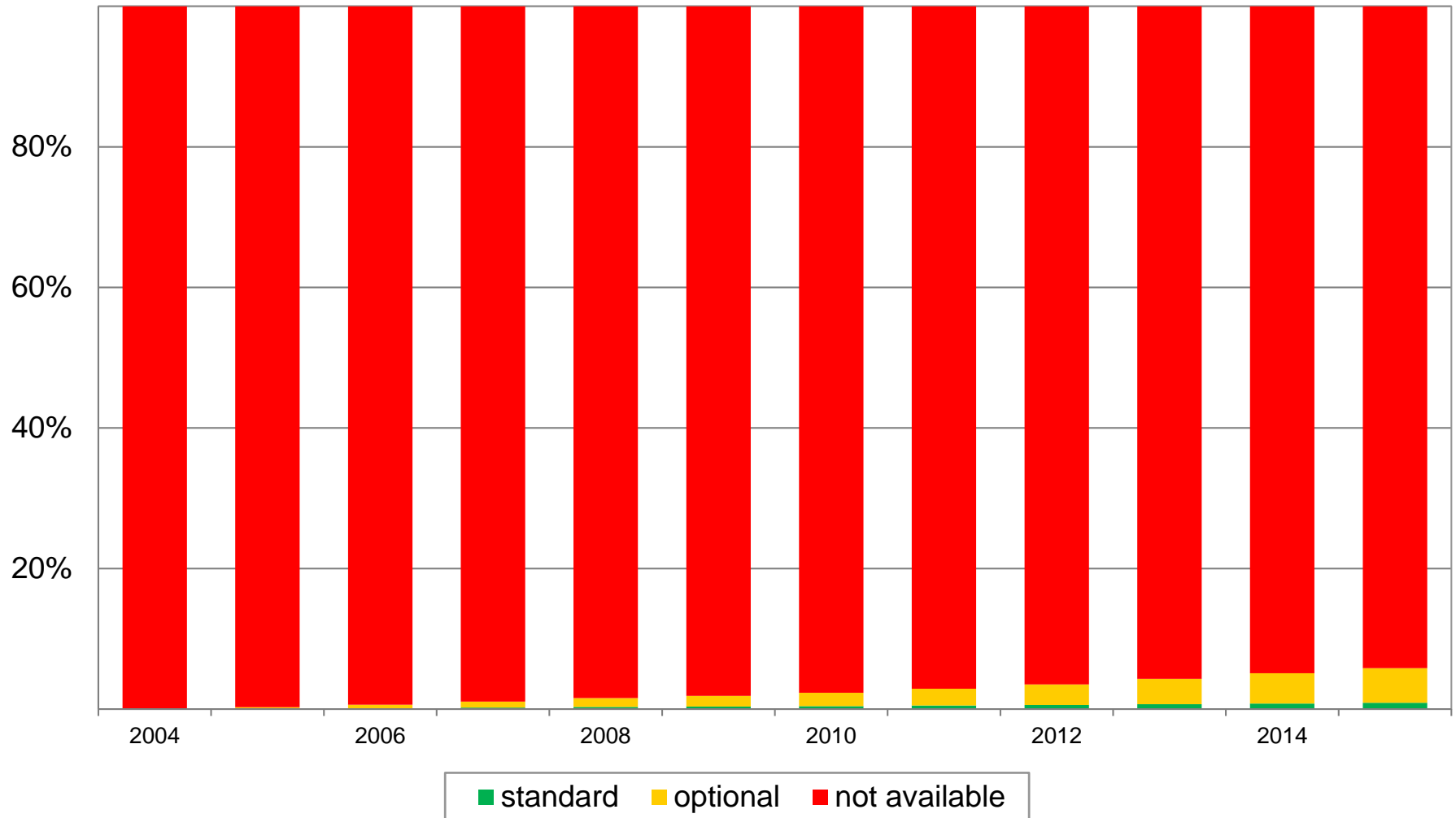
# New vehicle series with adaptive headlights

By model year



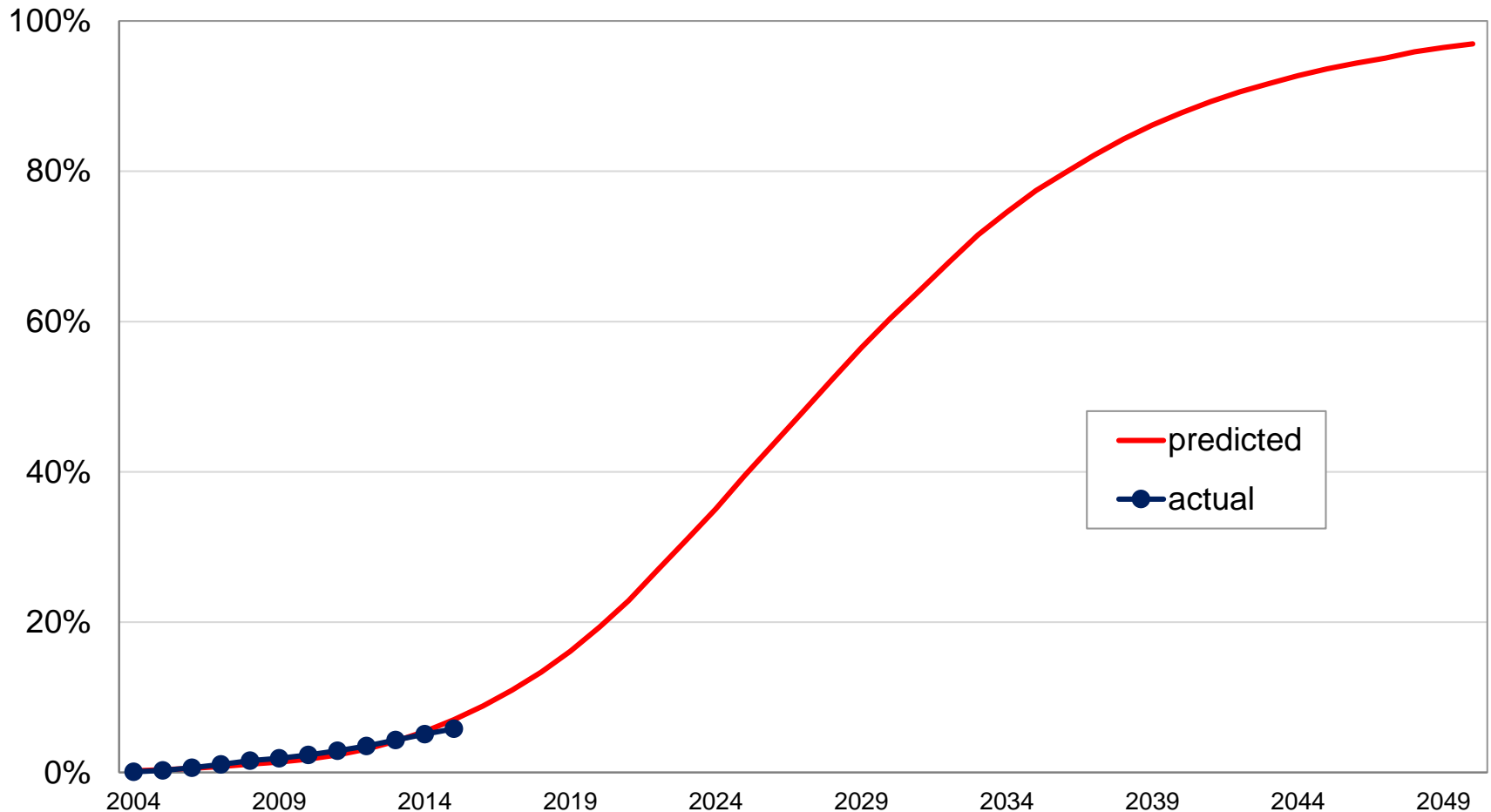
# Registered vehicles with adaptive headlights

By calendar year



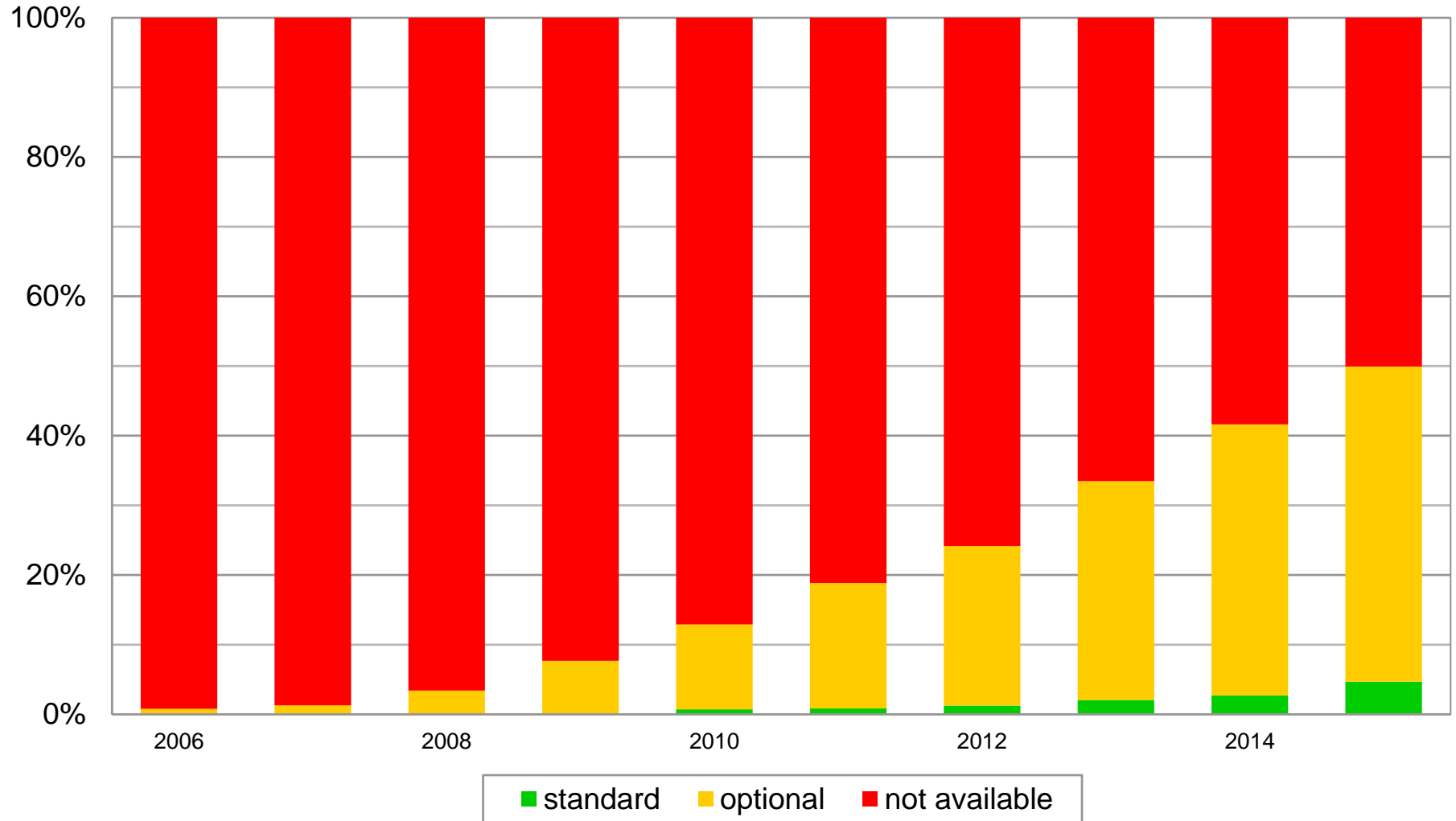
# Registered vehicles with available adaptive headlights, actual and predicted

By calendar year



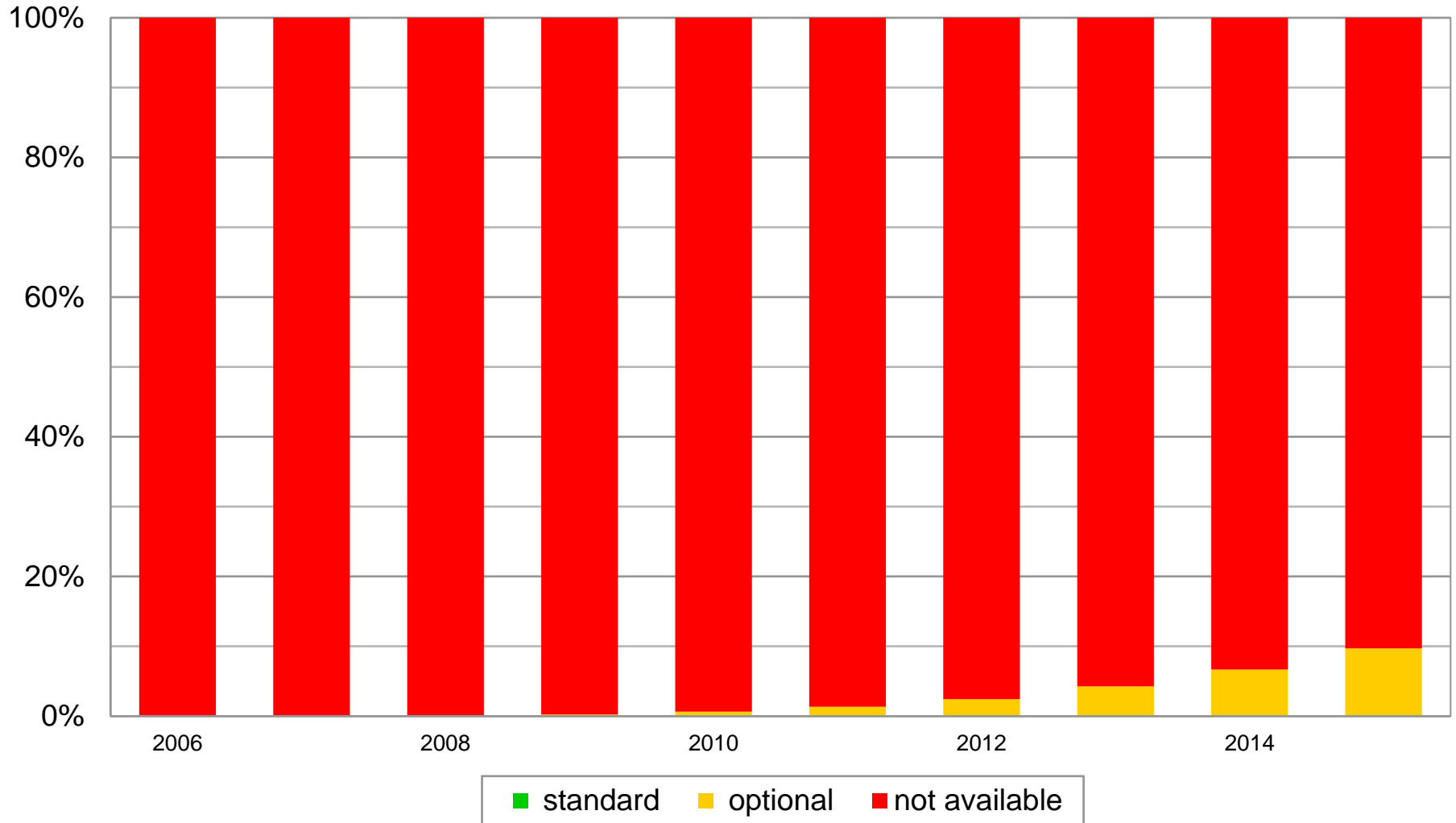
# New vehicle series with blind spot warning

By model year



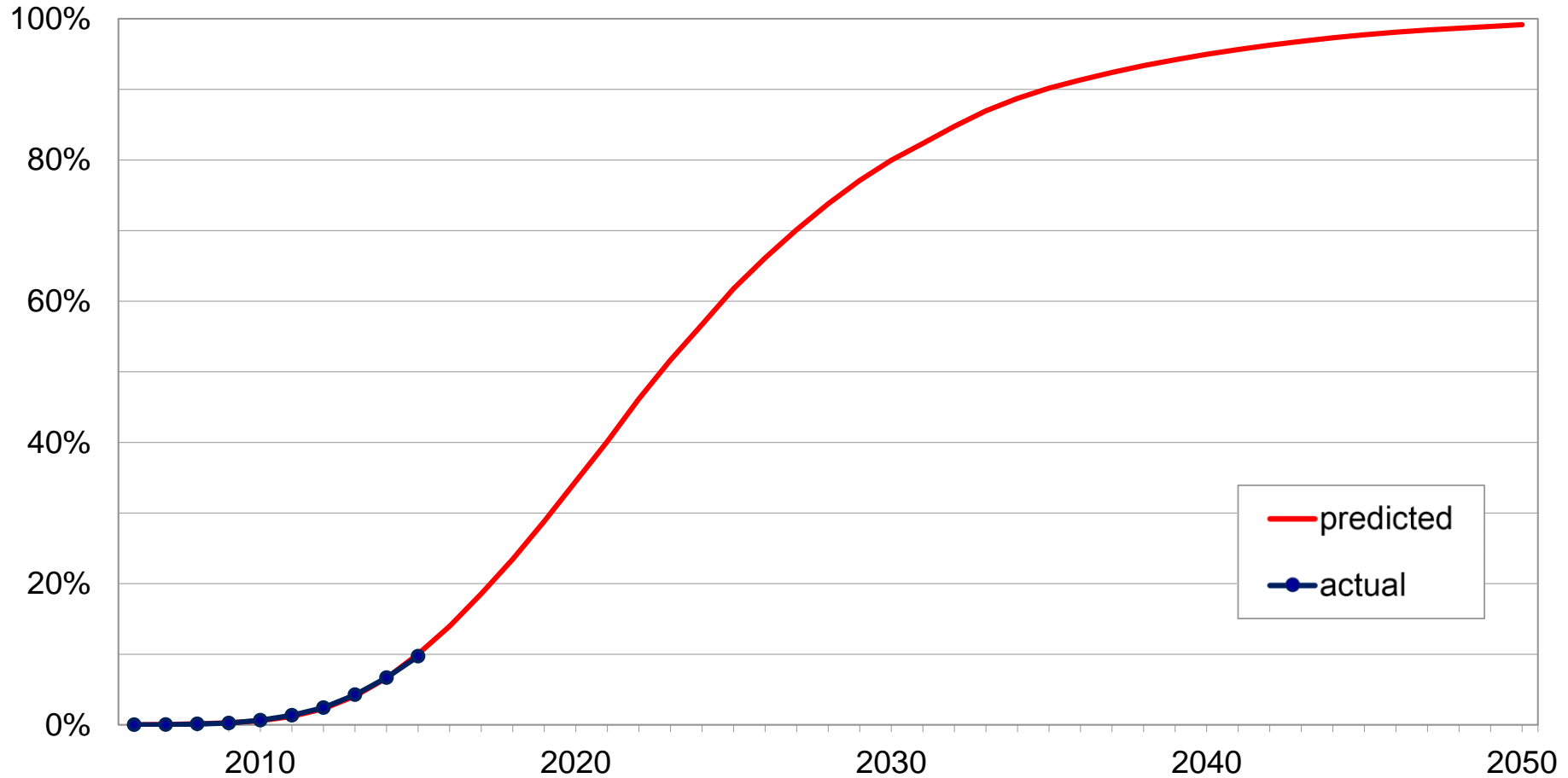
# Registered vehicles with blind spot warning

By calendar year

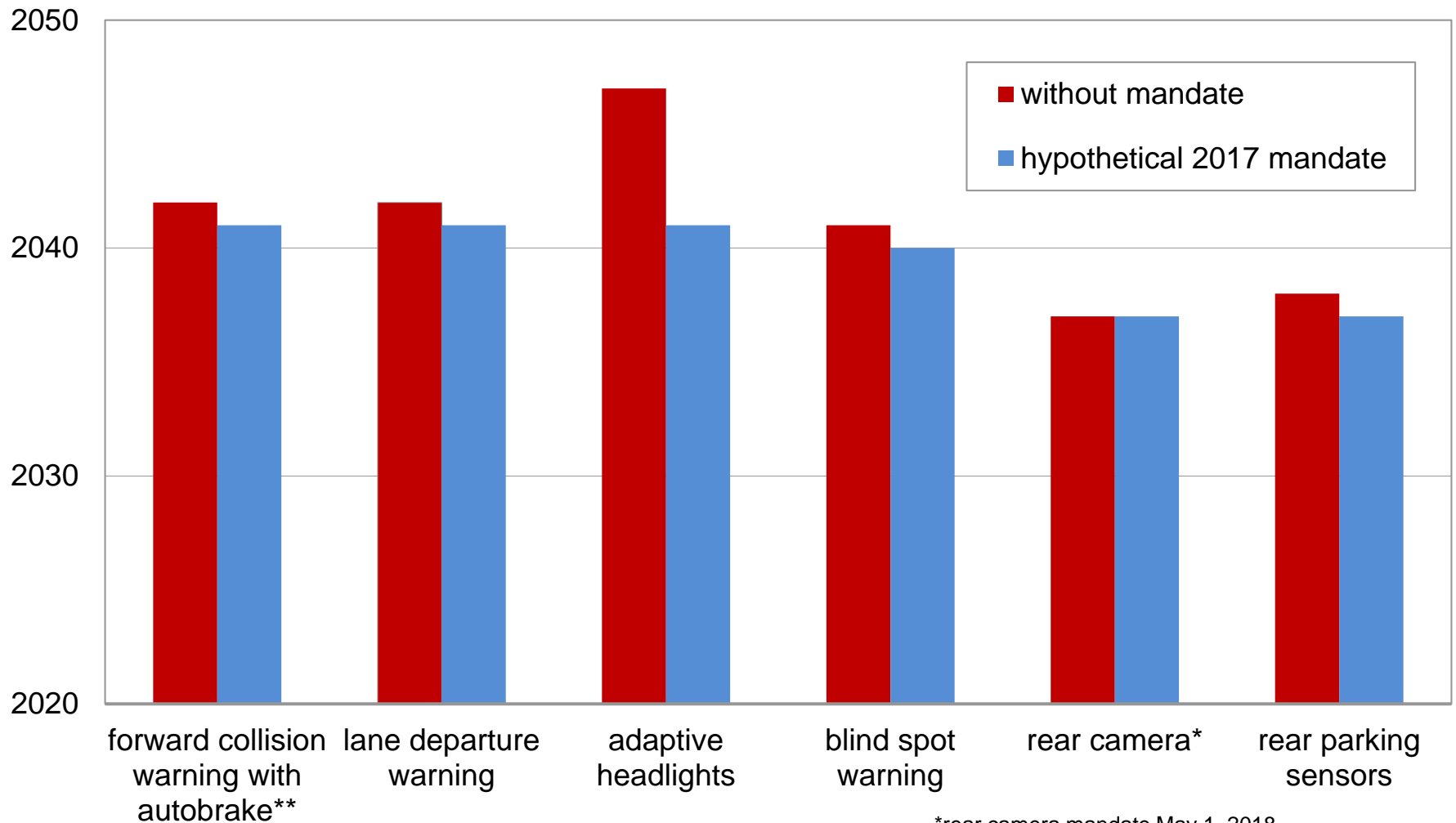


# Registered vehicles with available blind spot warning, actual and predicted

By calendar year



# Year available features reach 95% of registered vehicles with and without hypothetical mandate

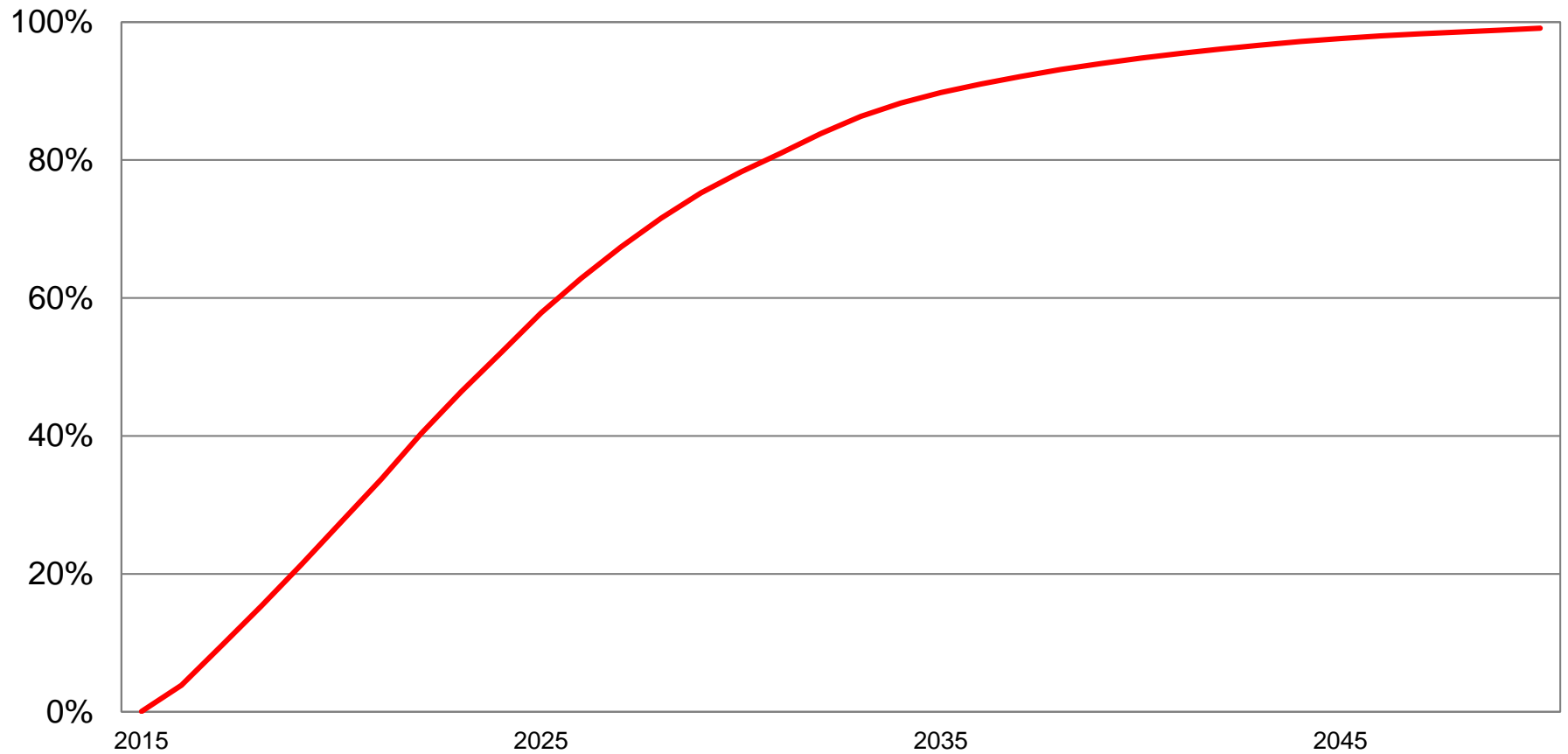


\*rear camera mandate May 1, 2018

\*\* front crash prevention agreement, 2022

# Predicted percentage of registered vehicles with feature X

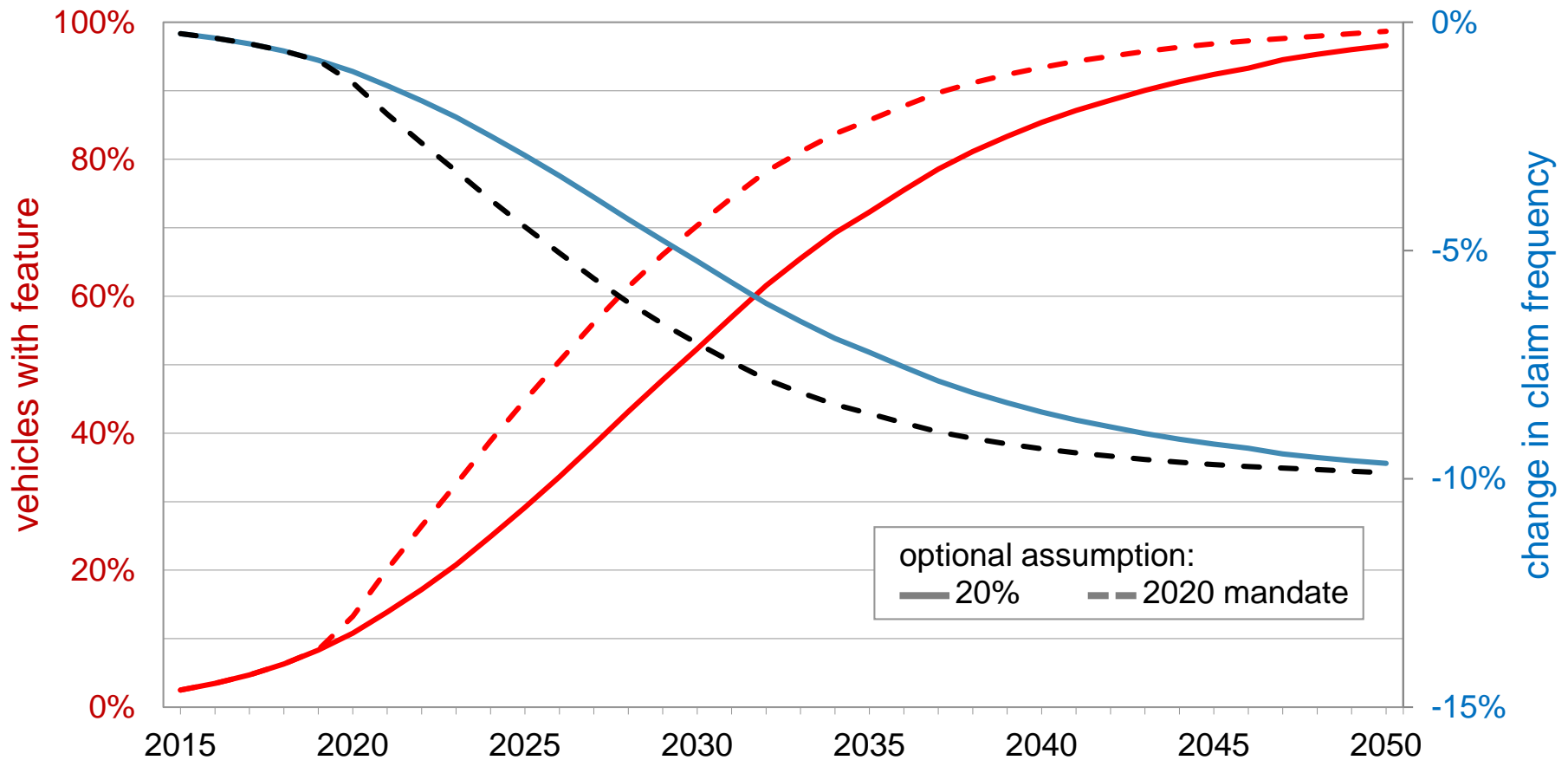
By calendar year





# Estimated change in PDL claim frequency due to increased fitment of FCW systems

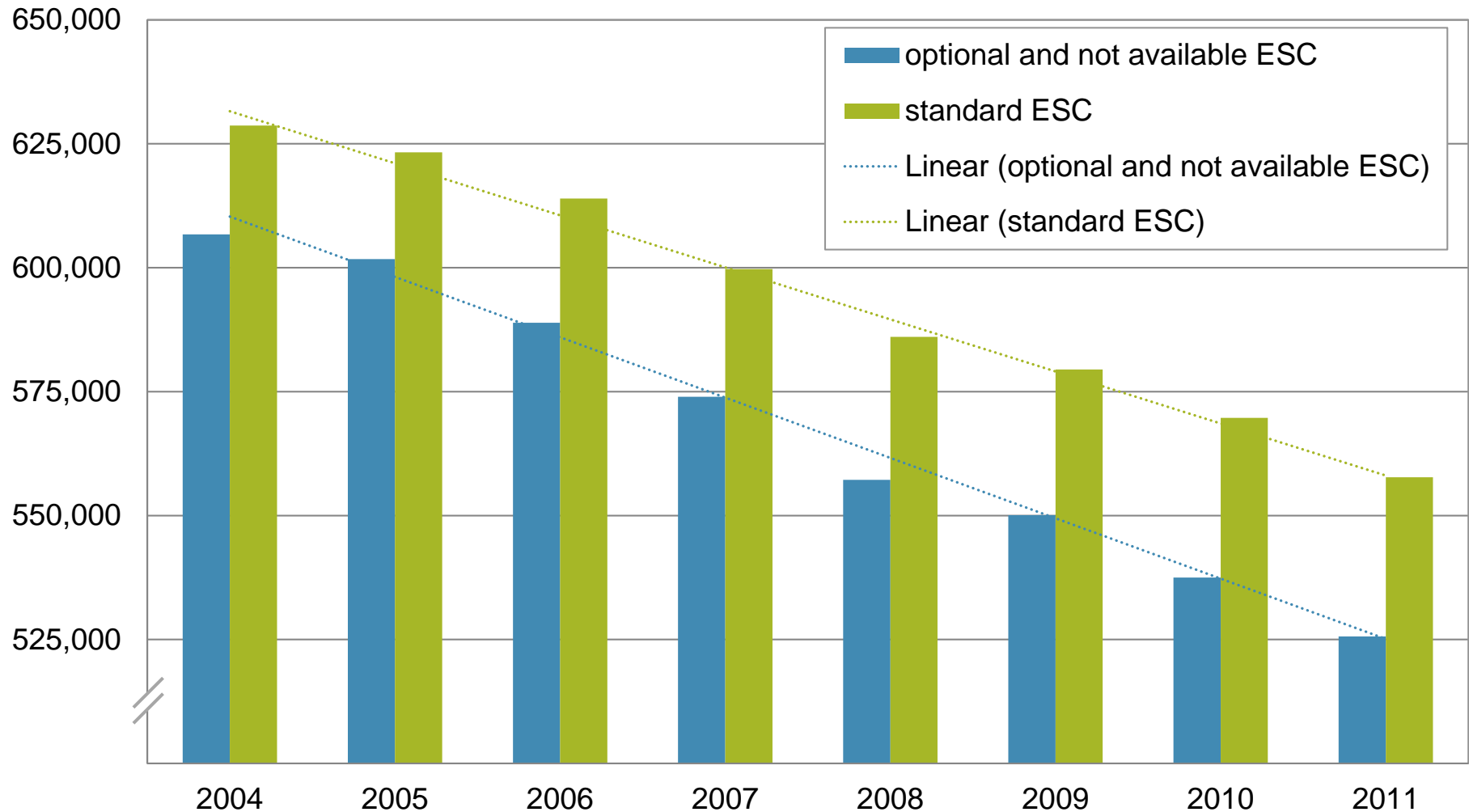
Based on estimated effect of 10%



# The effect of electronic stability control on vehicle longevity

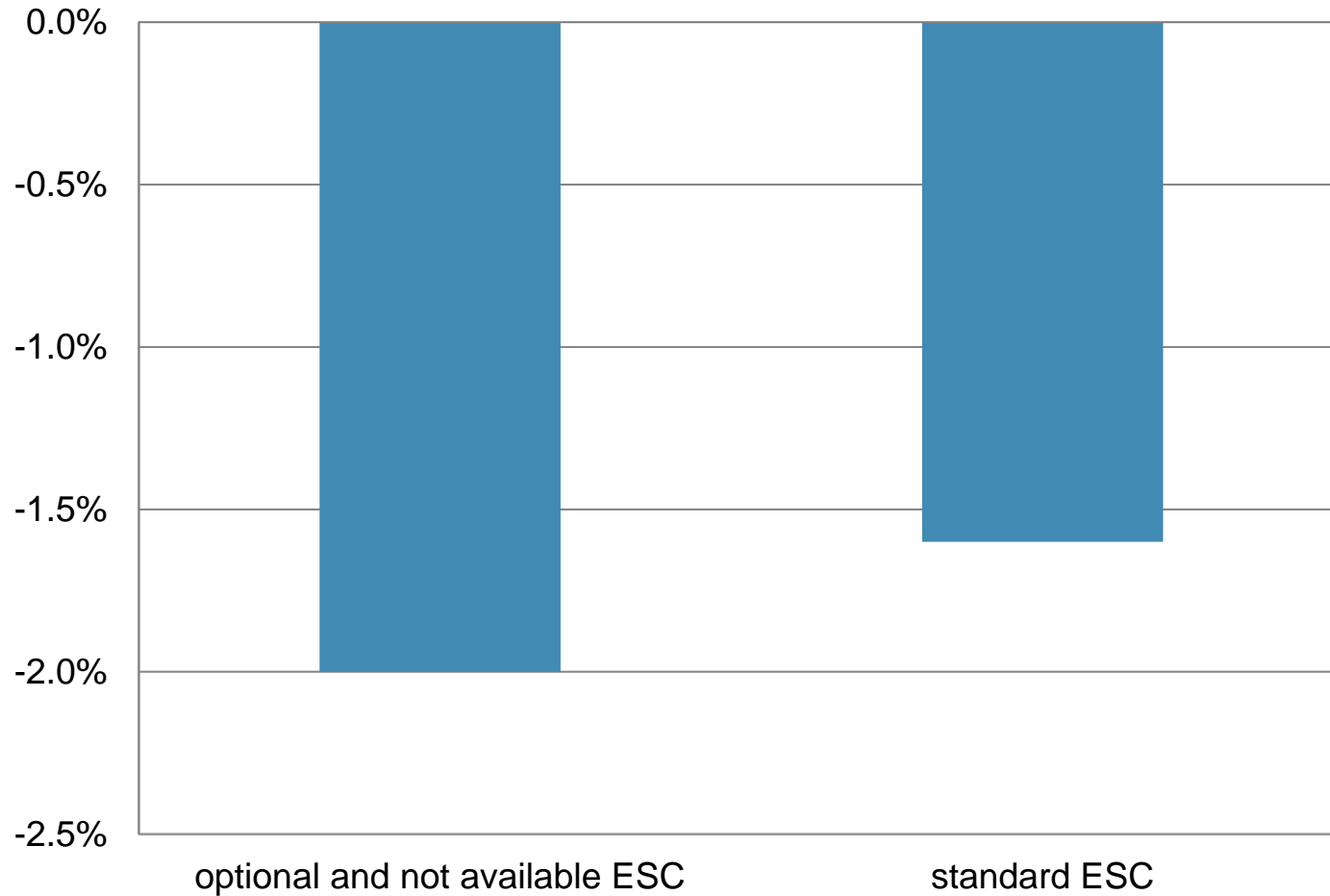
# Vehicle registrations

By calendar year



# Annual change in registration

By ESC status





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