

DOCKETED

Docket Number:	19-IEPR-03
Project Title:	Electricity and Natural Gas Demand Forecast
TN #:	229049
Document Title:	Preliminary Transportation Energy Demand Forecast
Description:	*** THIS DOCUMENT SUPERSEDES TN 229042 *** - Presentation by Aniss Bahreinian of CEC
Filer:	Raquel Kravitz
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	7/19/2019 2:45:35 PM
Docketed Date:	7/19/2019



Preliminary Transportation Energy Demand Forecast

2019 IEPR Workshop on Transportation Energy Demand Forecast

Aniss Bahreinian

July 22, 2019

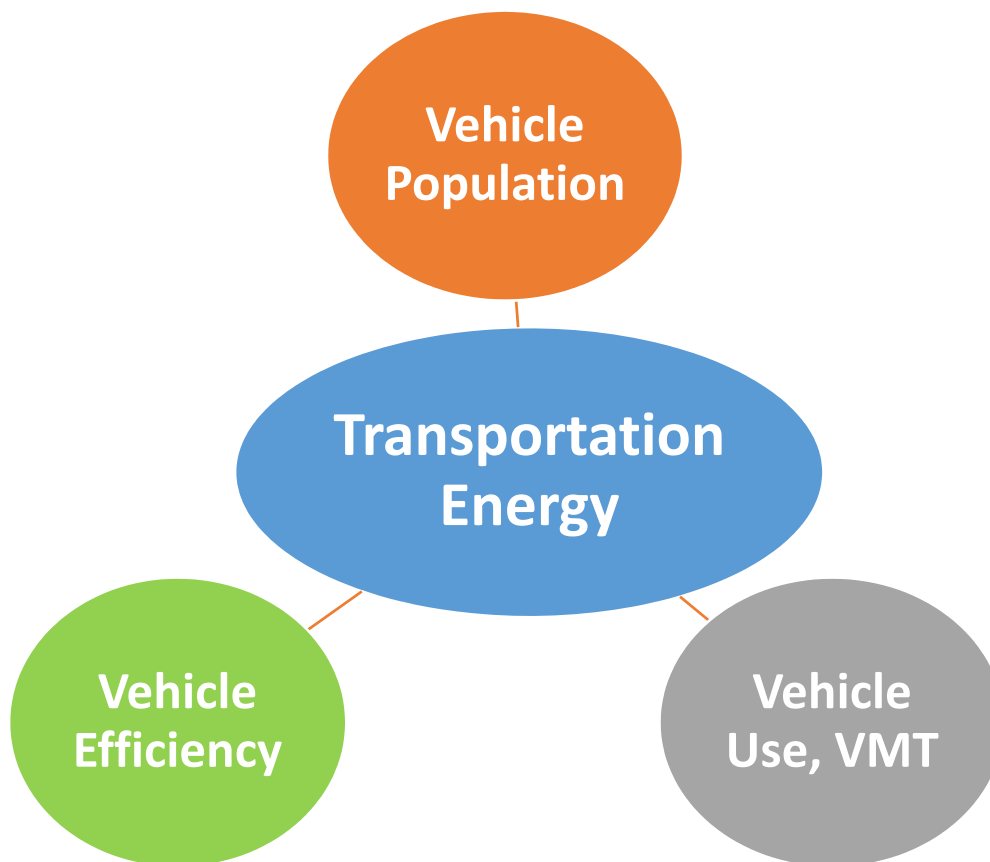
Transportation Energy Forecasting Unit

Demand Analysis Office

Energy Assessments Division

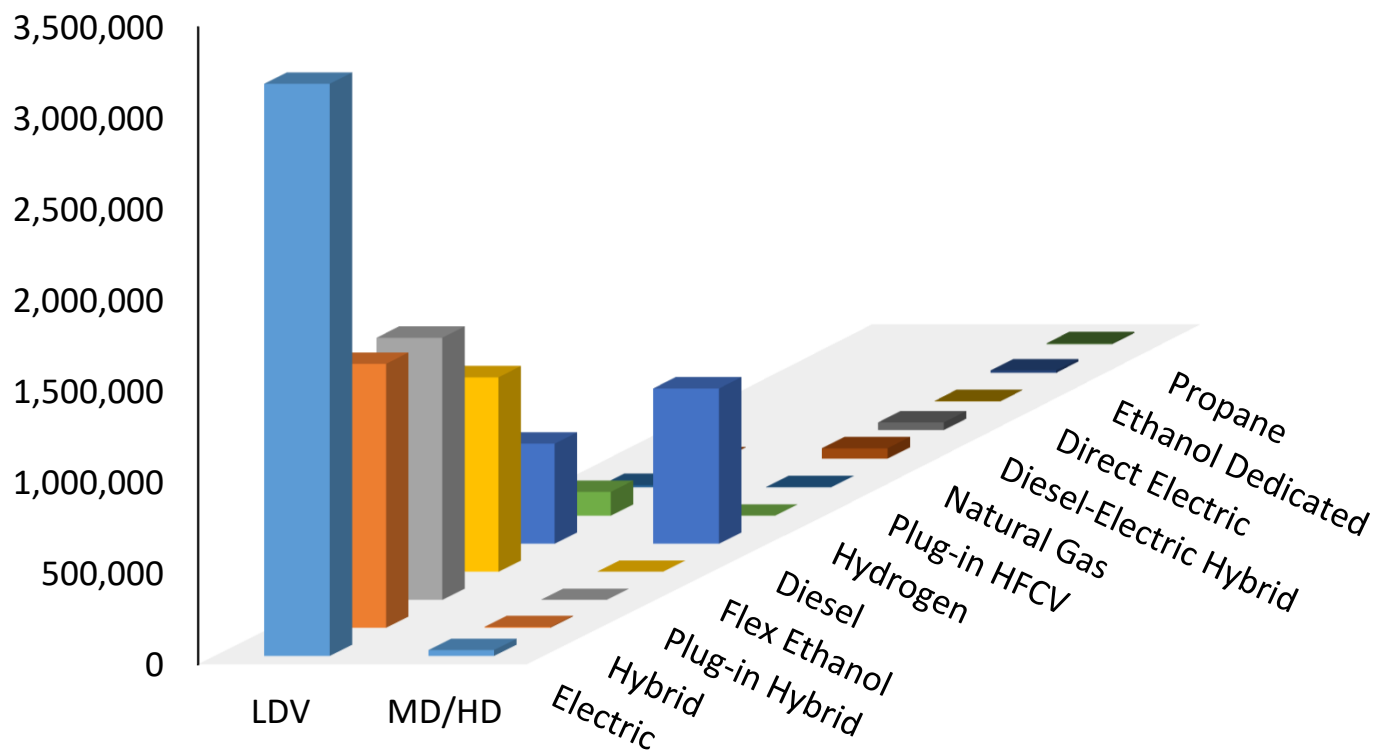


Main Determinants of Transportation Energy Demand





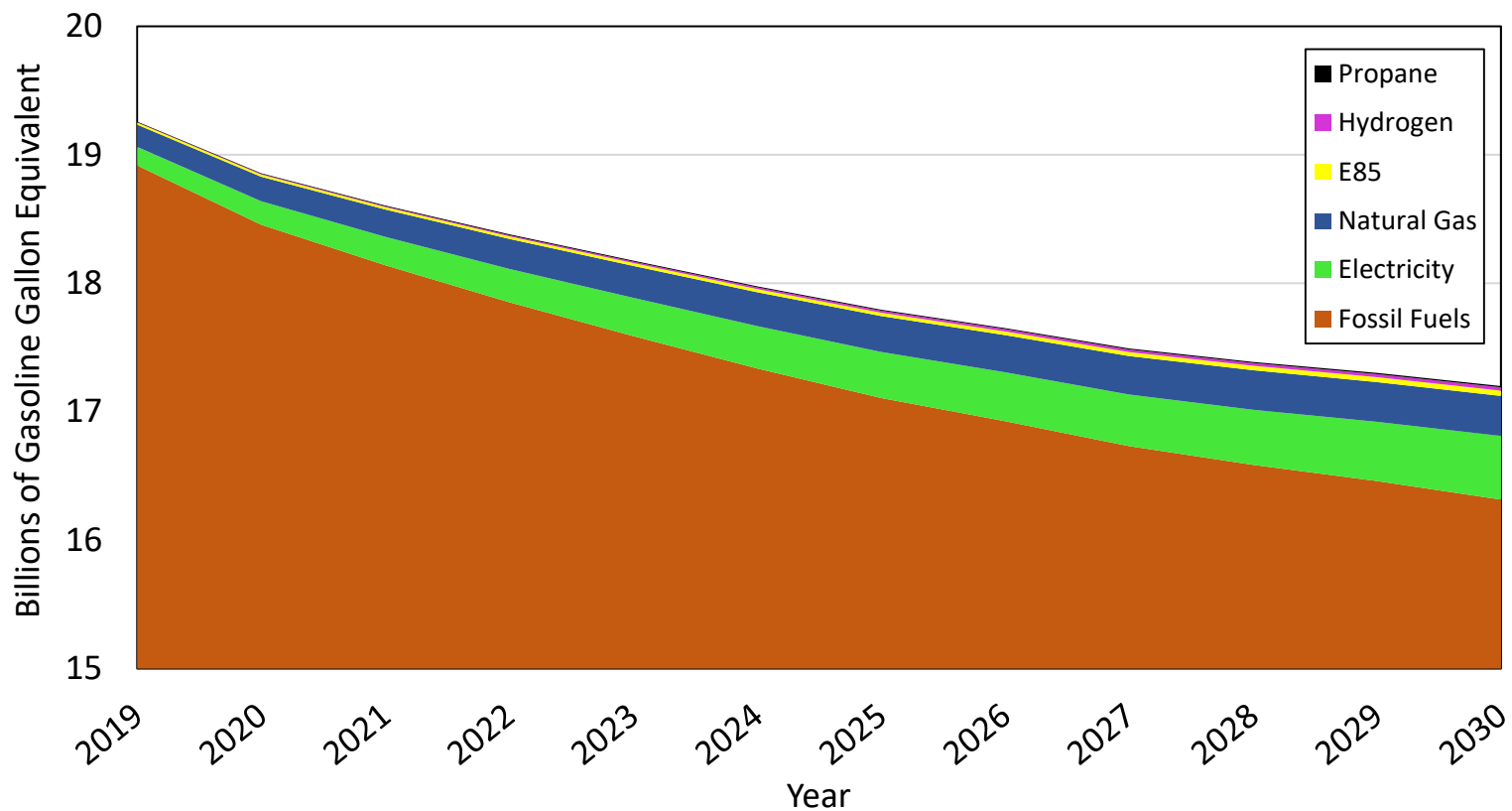
Non-Gasoline Vehicle Population Preliminary Forecast, 2030, High Case



Source: California Energy Commission



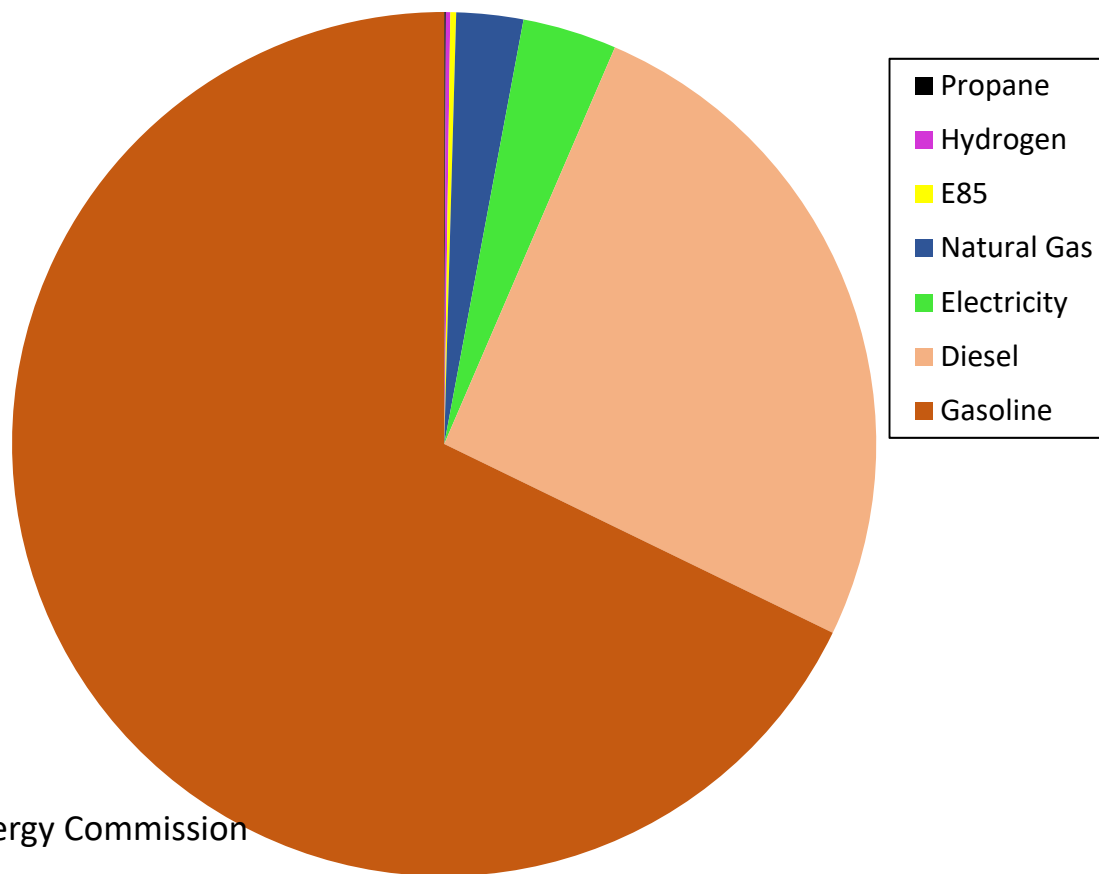
Preliminary Transportation Energy Demand: Mid Case



Source: California Energy Commission



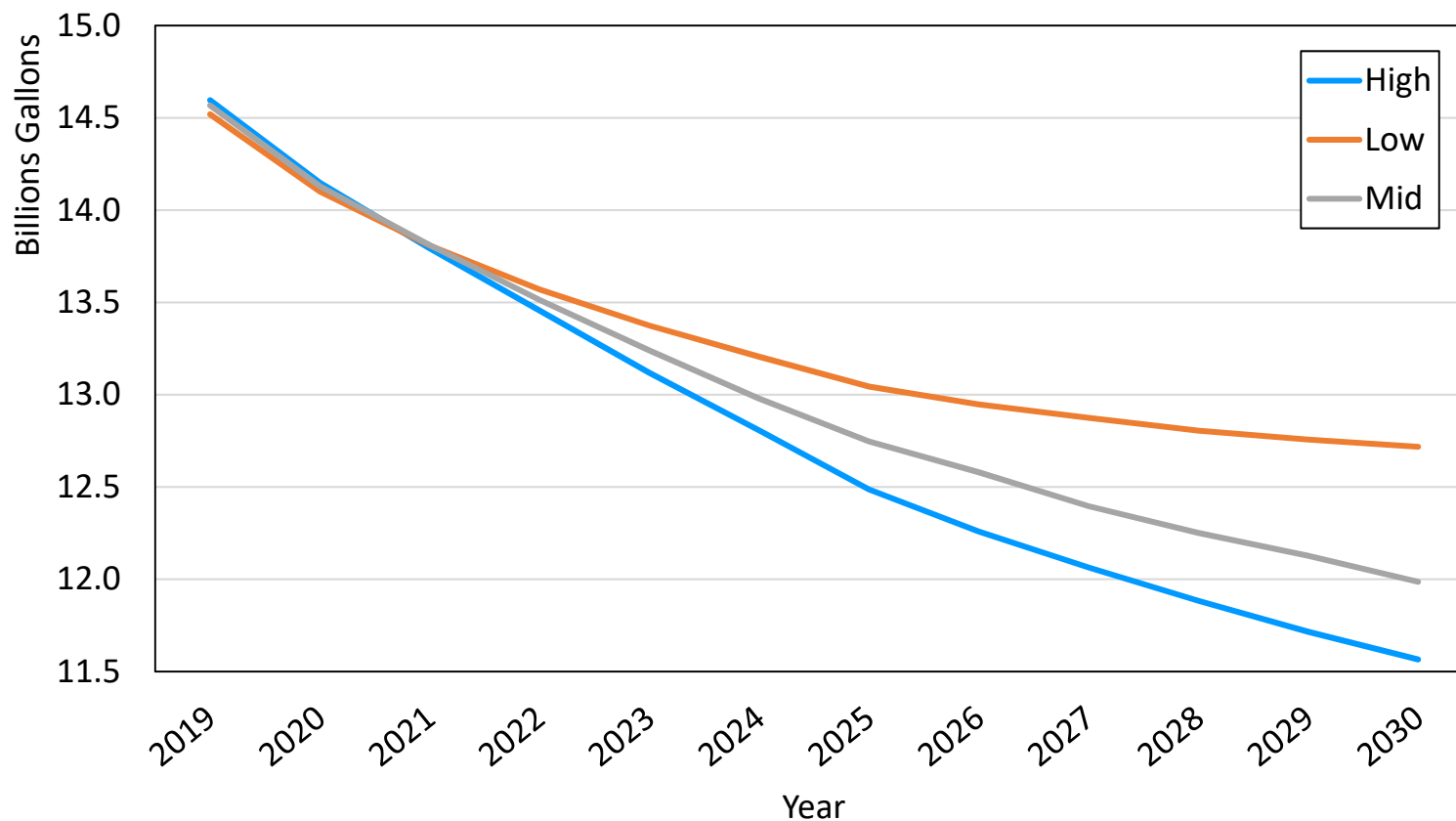
Preliminary Transportation Energy Demand, 2030, High Case



Source: California Energy Commission



Gasoline Demand Preliminary Forecast

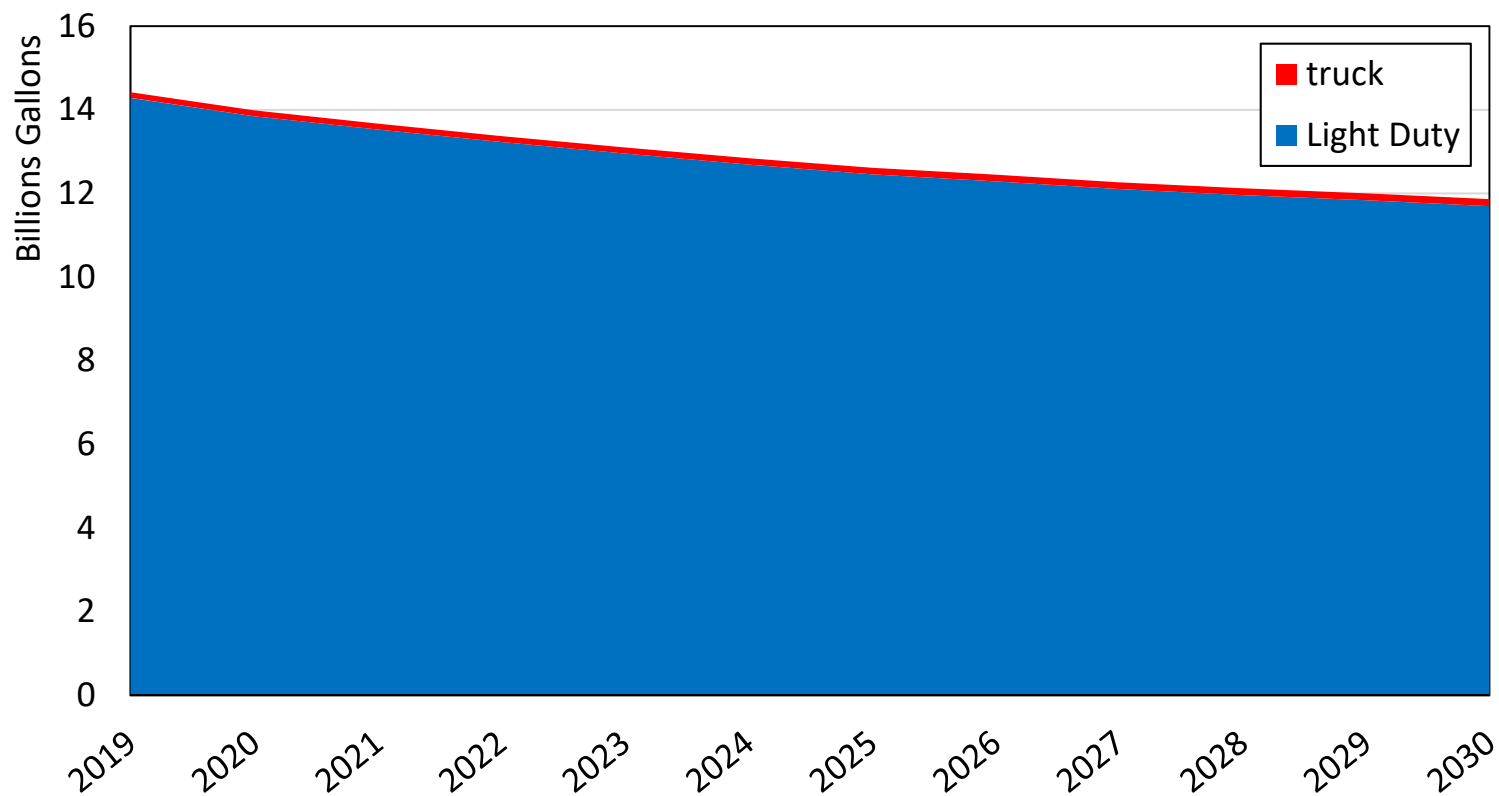


Source: California Energy Commission



California Energy Commission

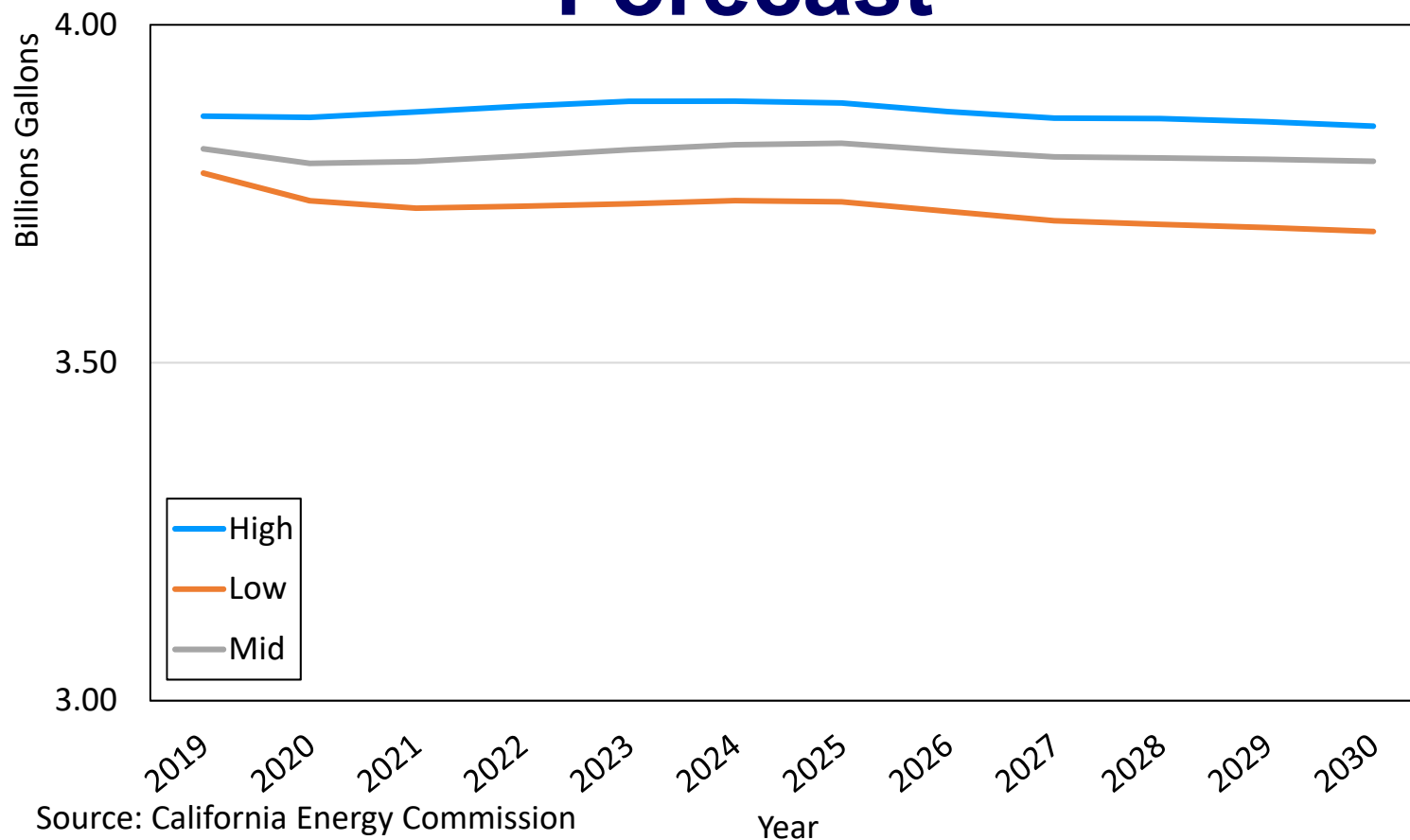
Transportation Gasoline Demand, Preliminary Forecast: Mid case



Source: California Energy Commission



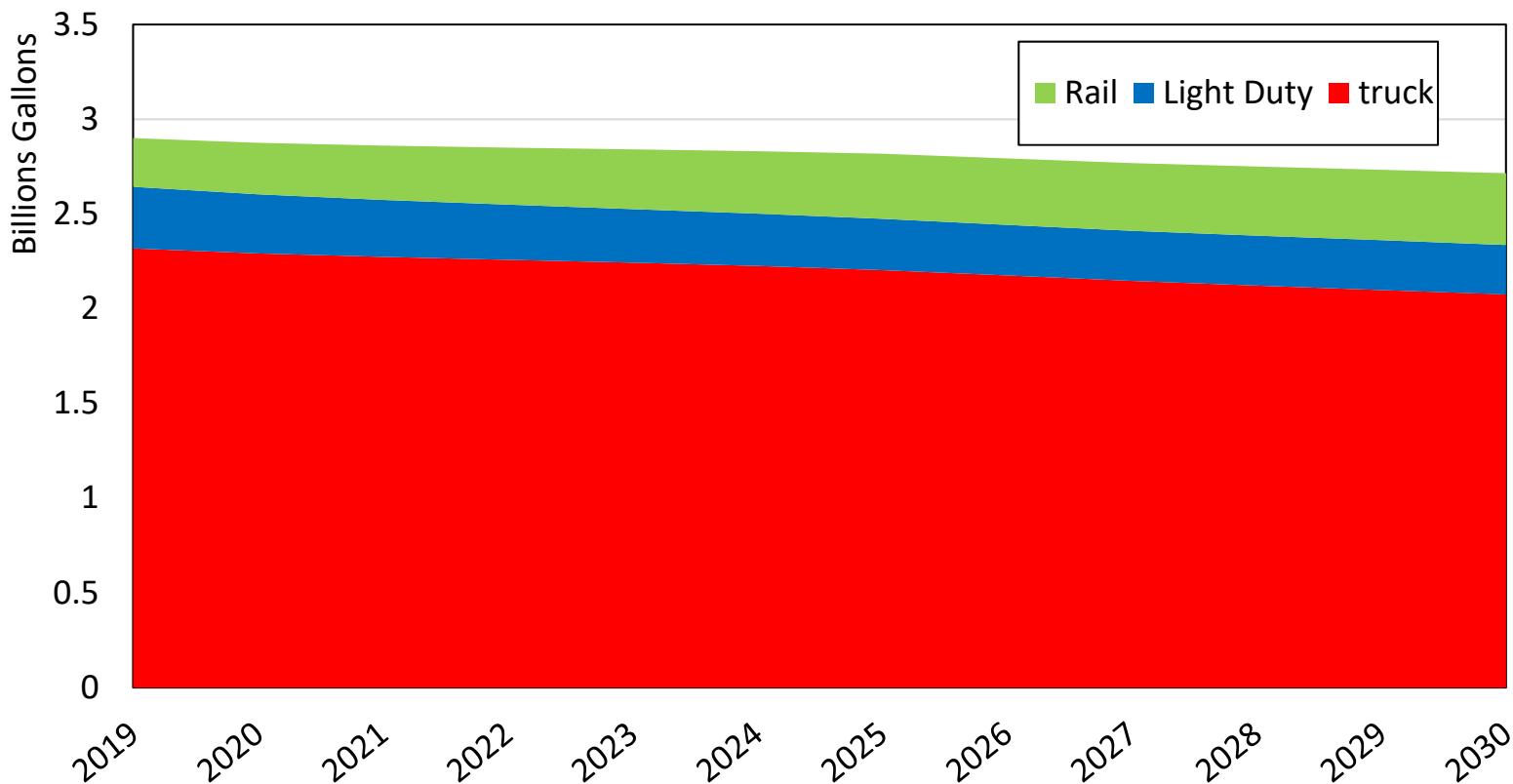
Diesel Demand Preliminary Forecast





California Energy Commission

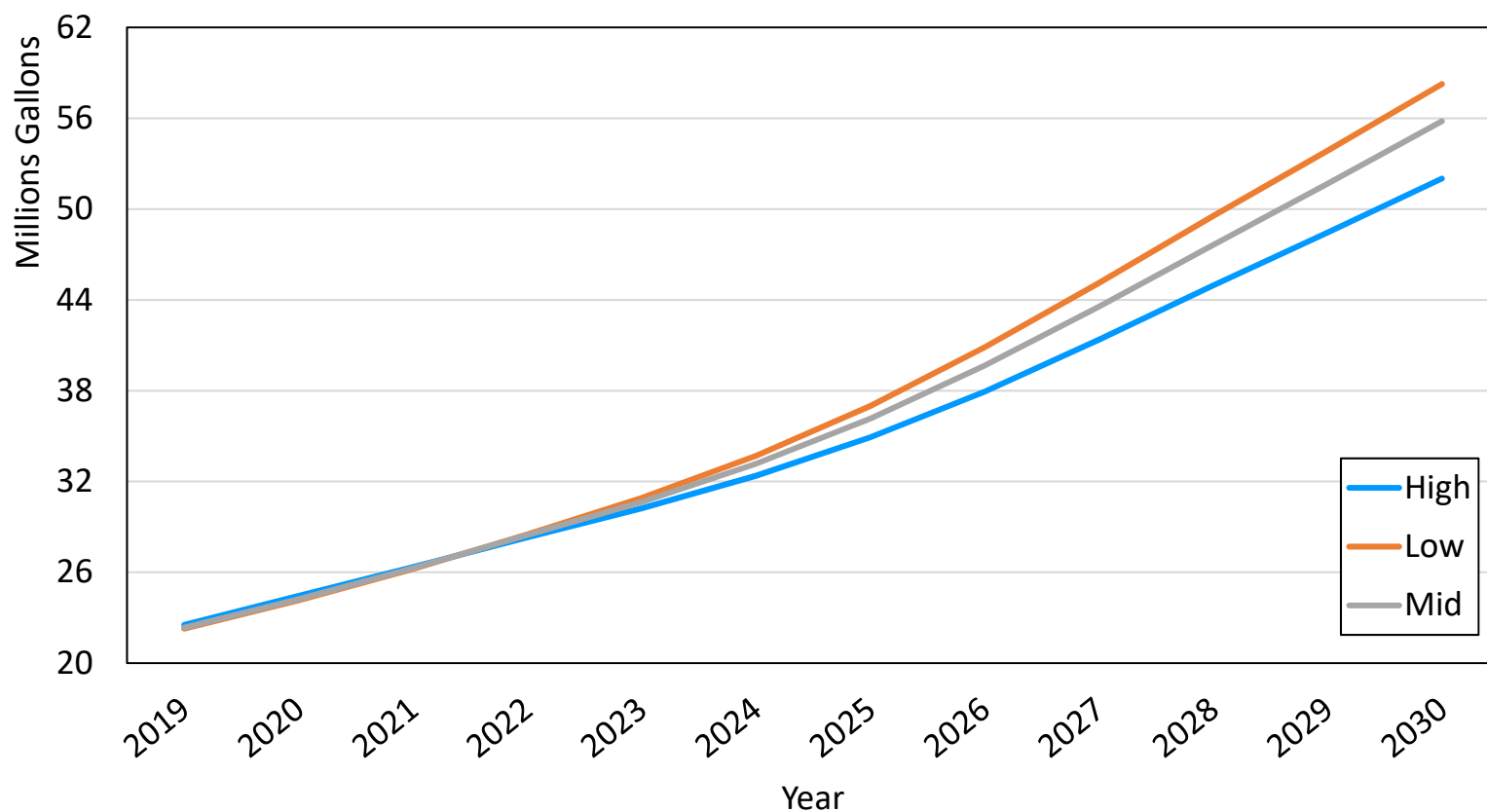
Transportation Diesel Demand, Preliminary Forecast: Mid case



Source: California Energy Commission



E85 Preliminary Demand Forecast

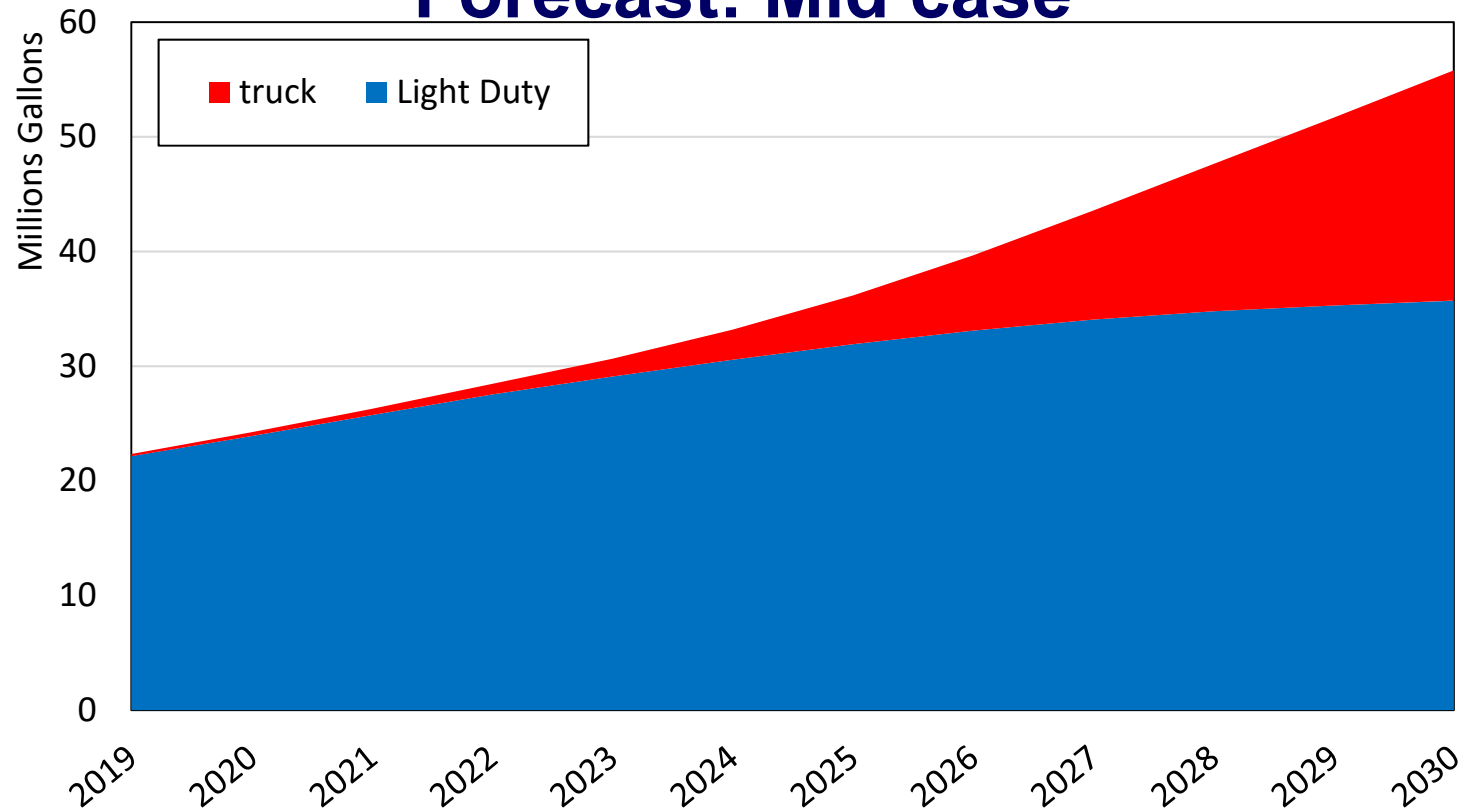


Source: California Energy Commission



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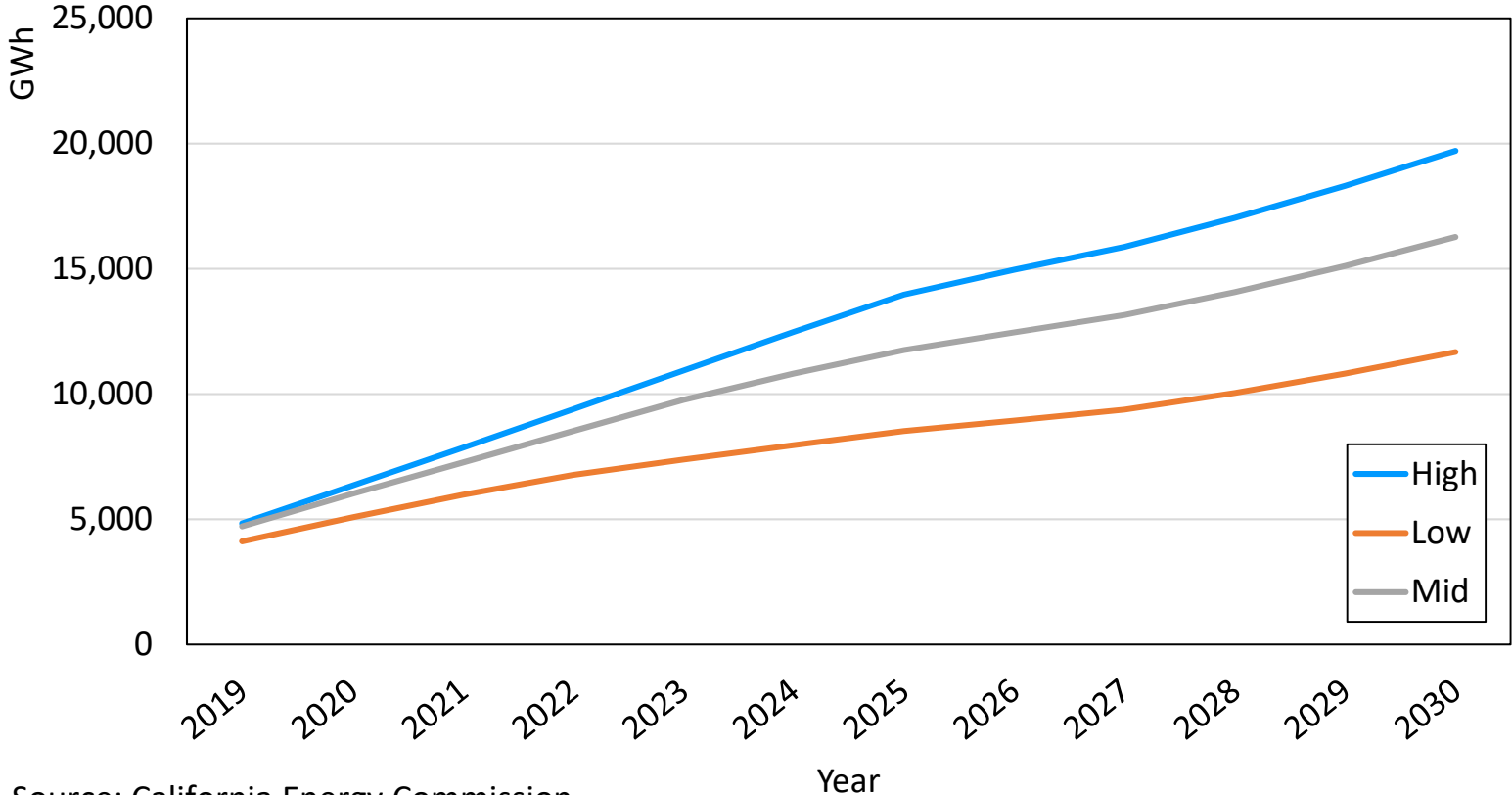
Transportation E85 Demand, Preliminary Forecast: Mid case



Source: California Energy Commission



Transportation Electricity Demand Forecast

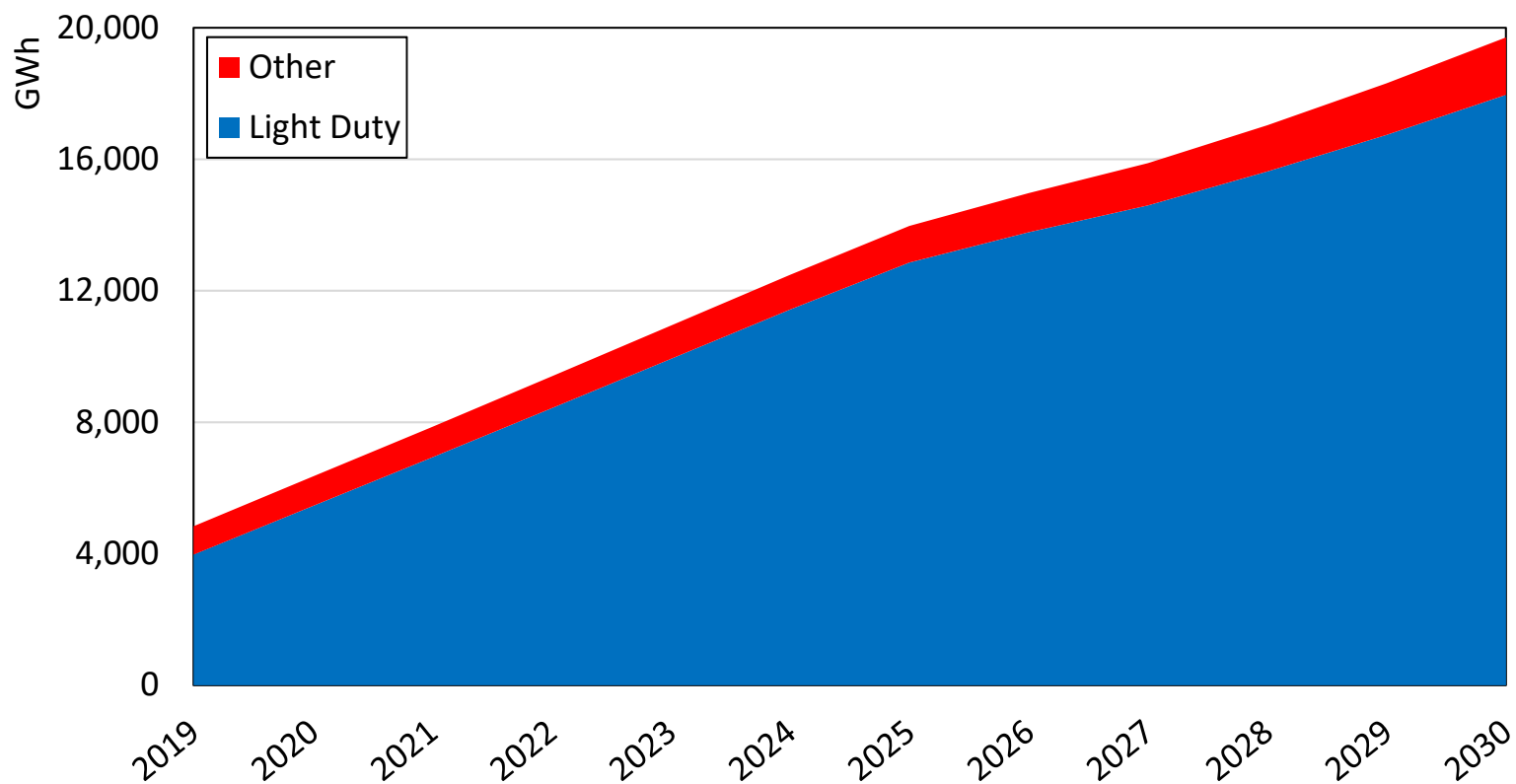


Source: California Energy Commission



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Transportation Electricity Demand, Preliminary Forecast: High case



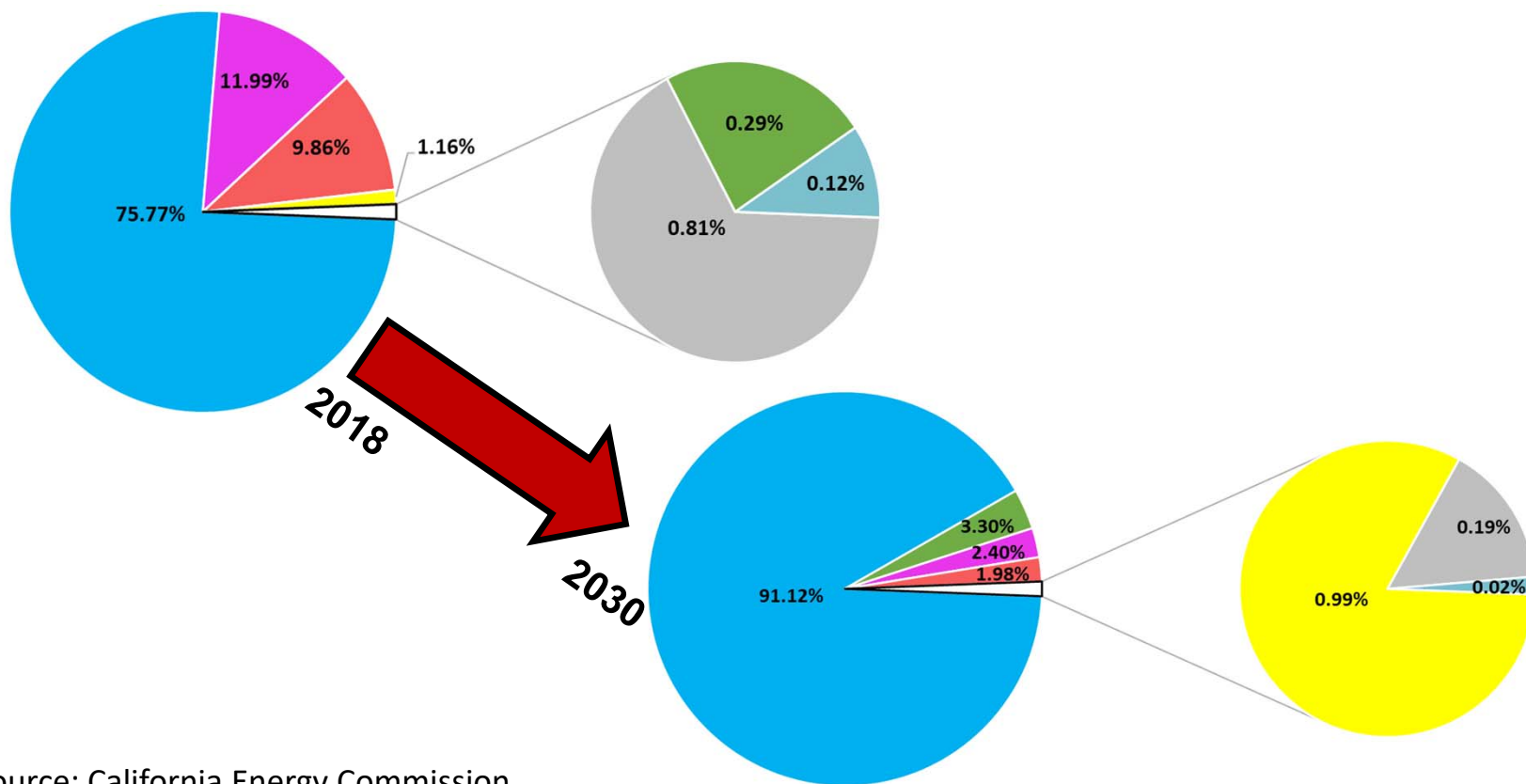
Source: California Energy Commission



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Transportation Electricity Distribution by Vehicle Type, Preliminary Forecast: High Case

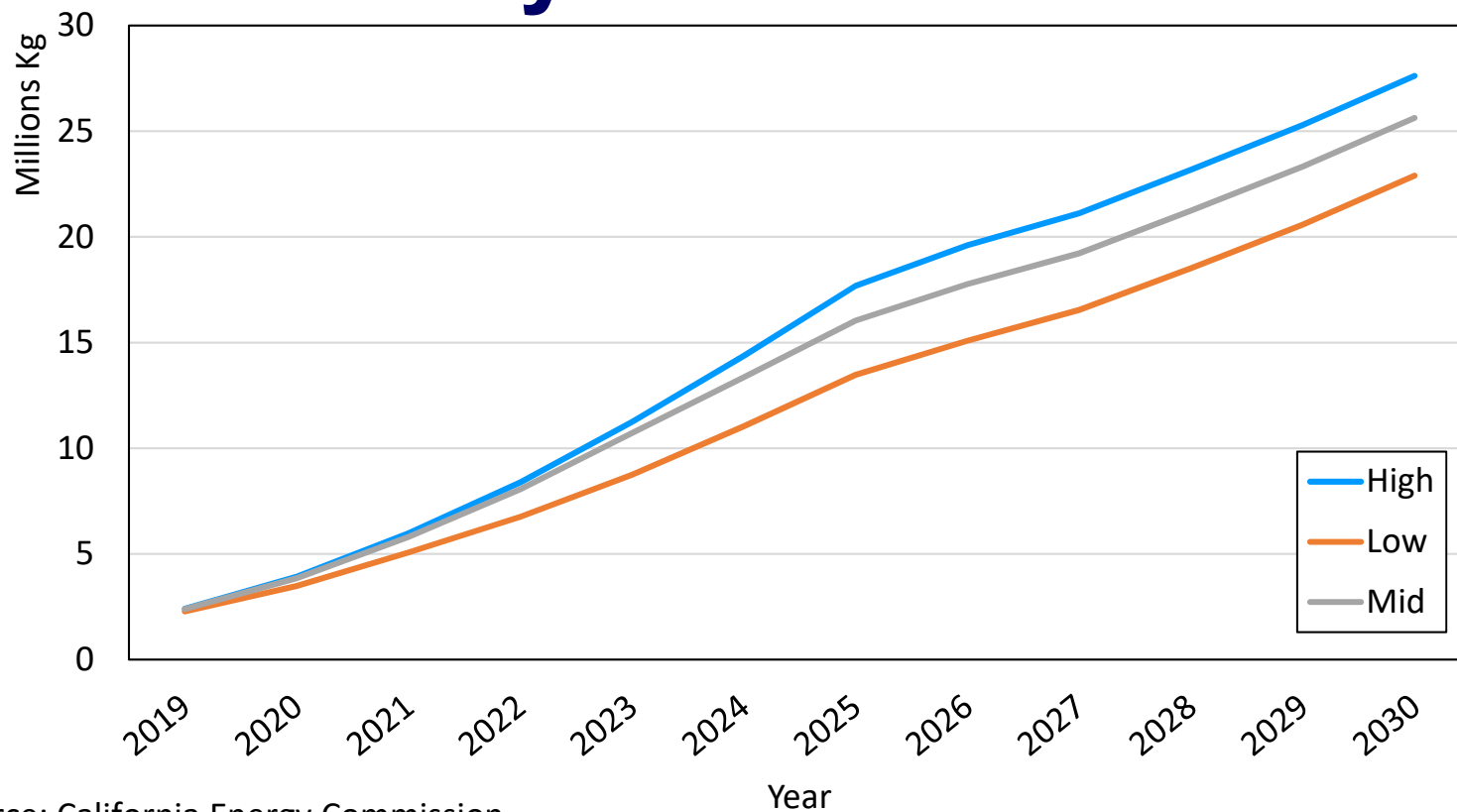
■ Auto ■ truck ■ heavy rail ■ light rail ■ Bus ■ nev ■ cable car



Source: California Energy Commission



Transportation Hydrogen Preliminary Demand Forecast

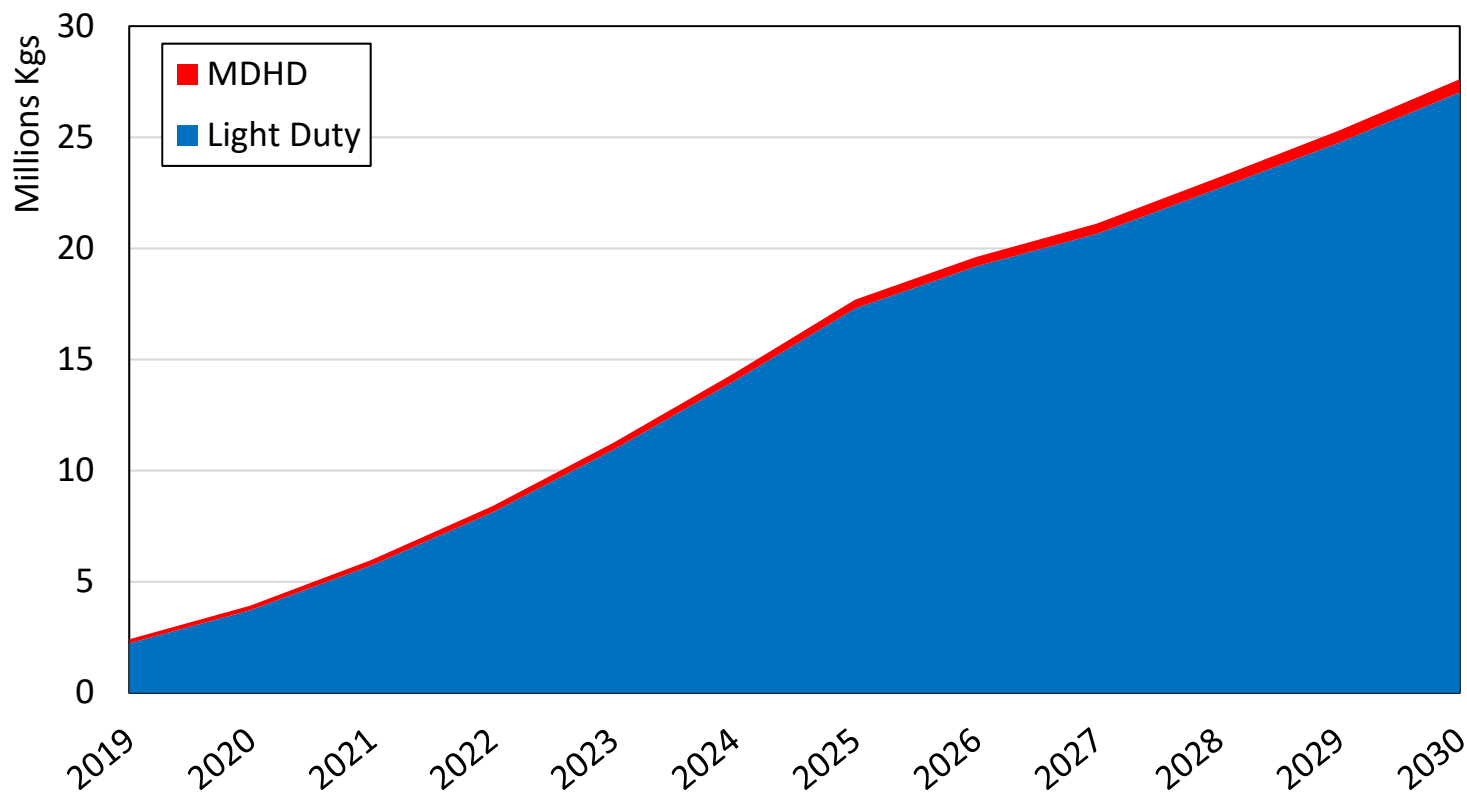


Source: California Energy Commission



California Energy Commission

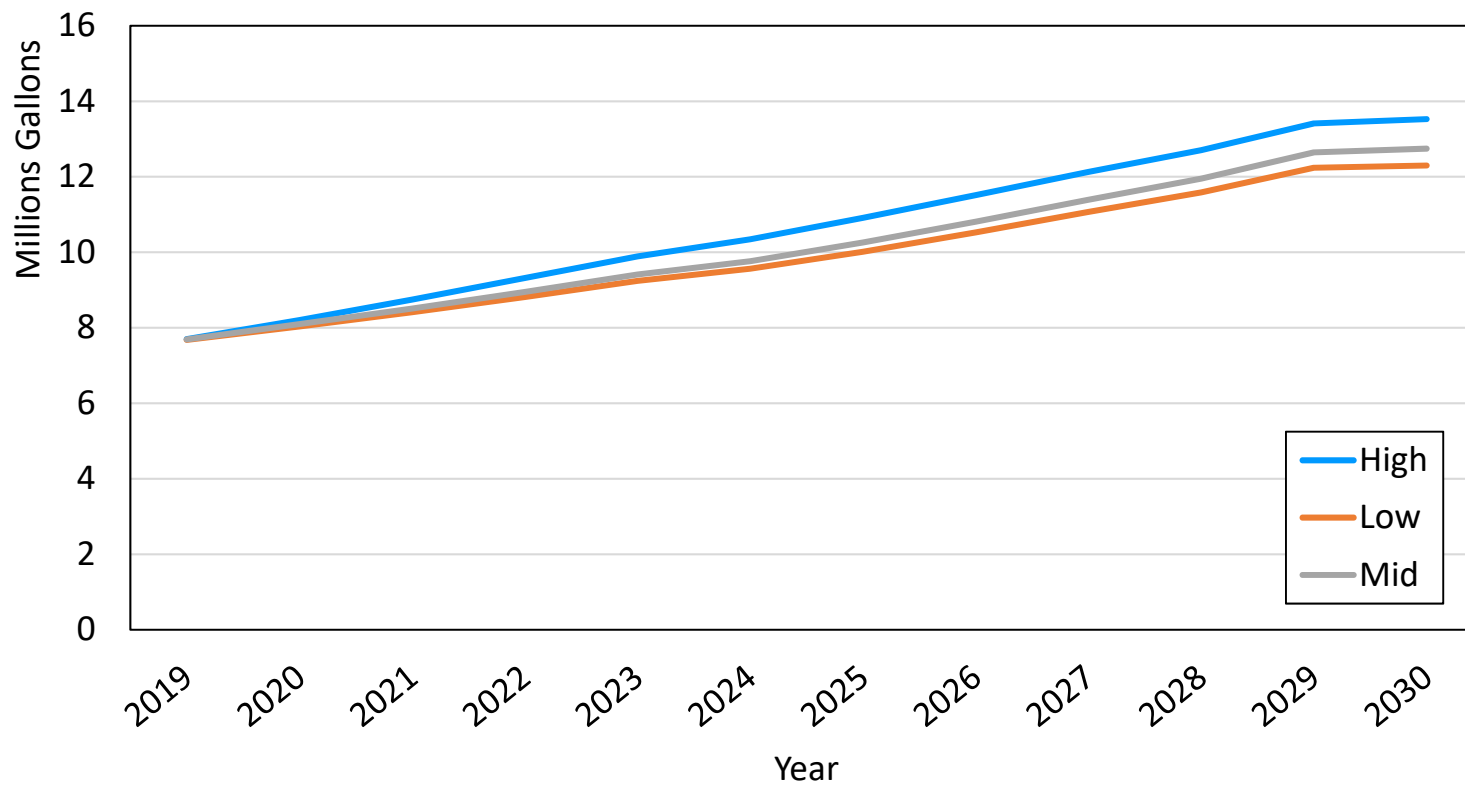
Transportation Hydrogen Preliminary Demand Forecast: High case



Source: California Energy Commission

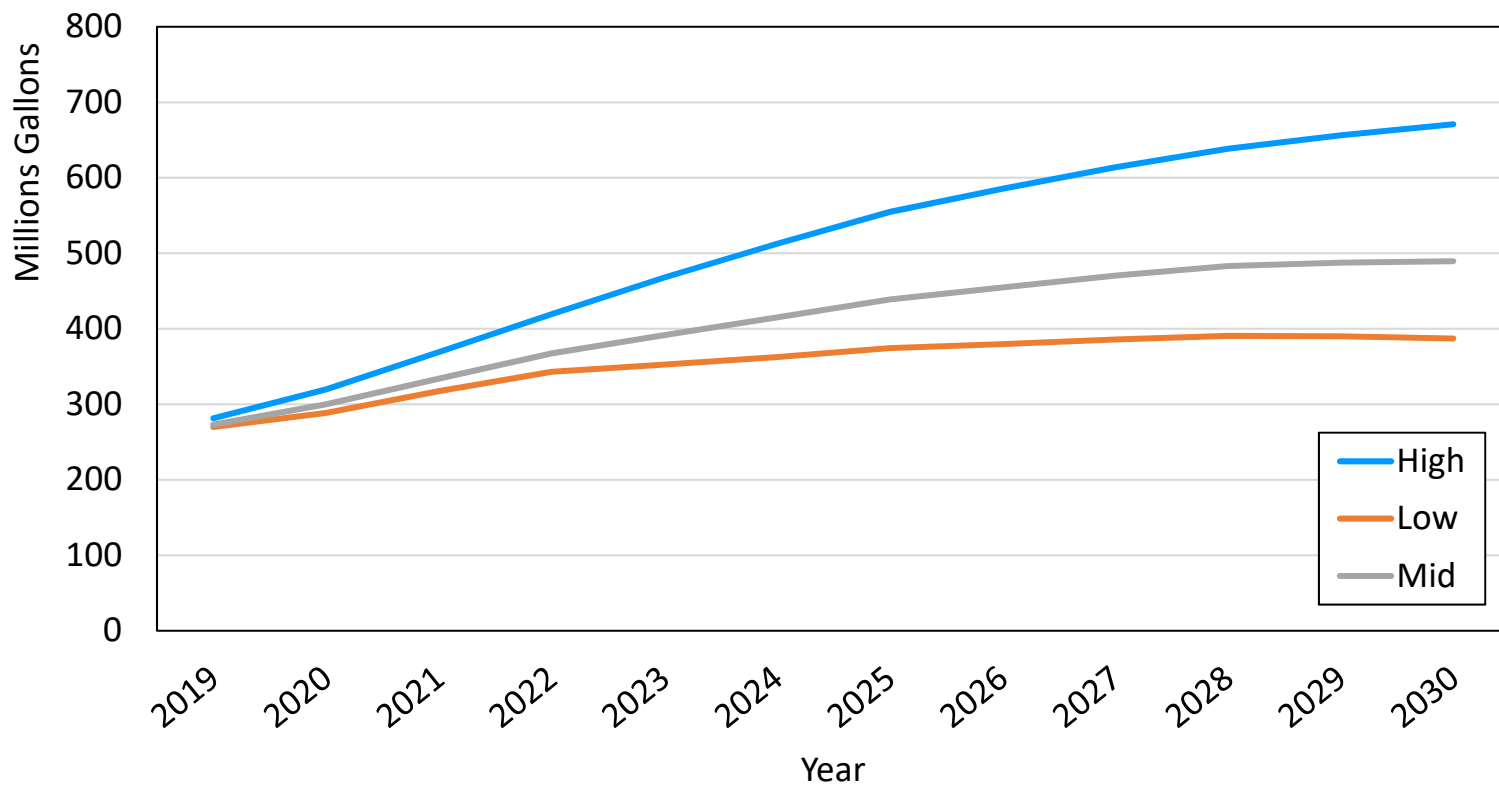


Propane Preliminary Demand Forecast





Natural Gas Preliminary Demand Forecast

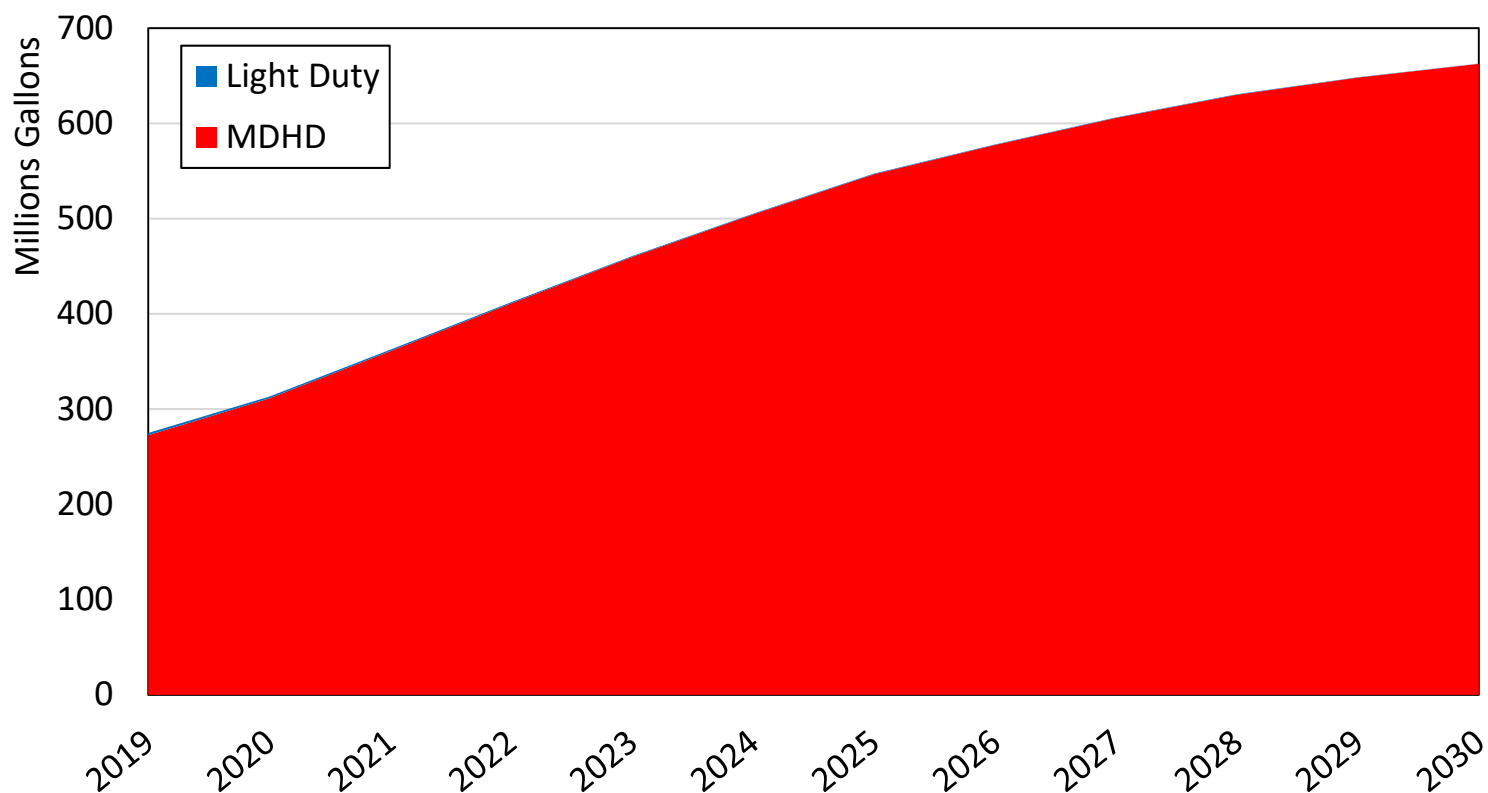


Source: California Energy Commission



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Transportation Natural Gas Demand, Preliminary Forecast: High case



Source: California Energy Commission



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