Transportation Energy Data in the U.S.

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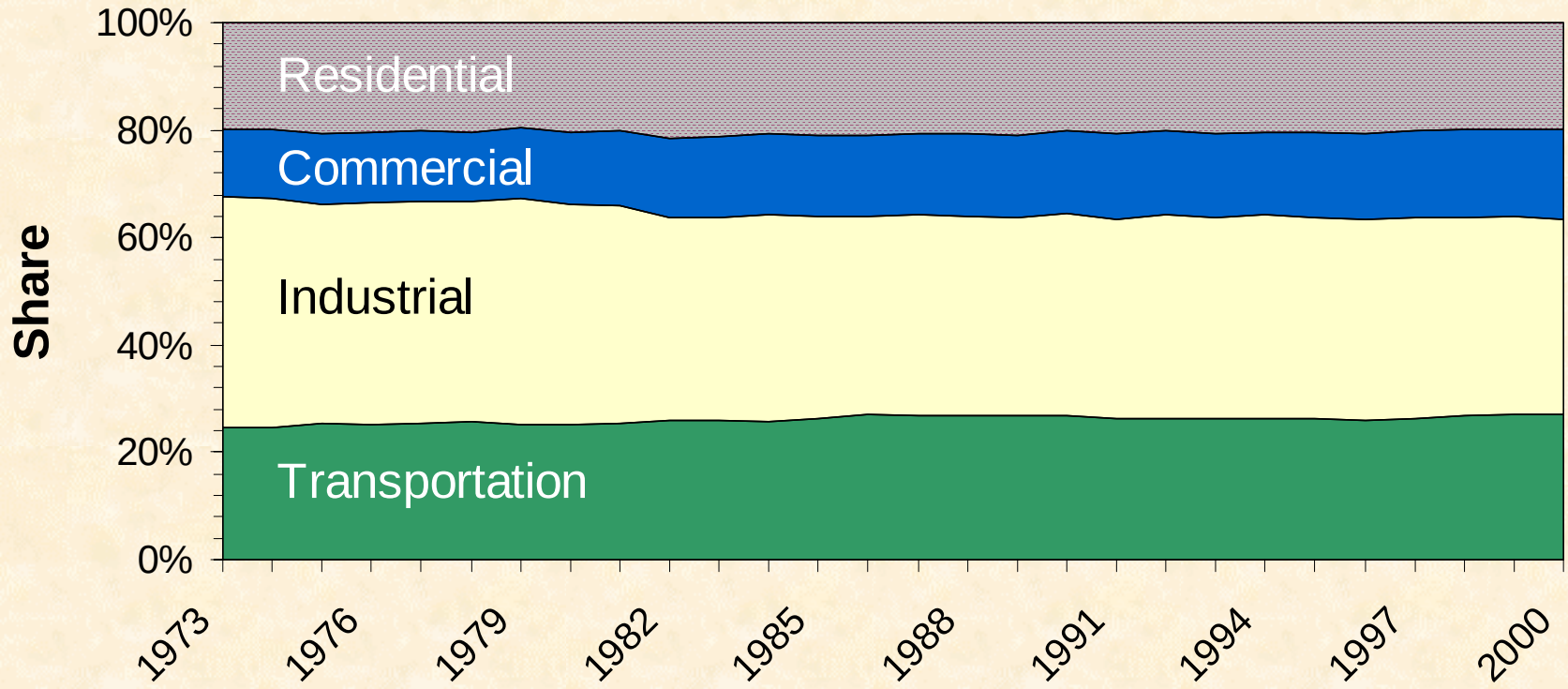
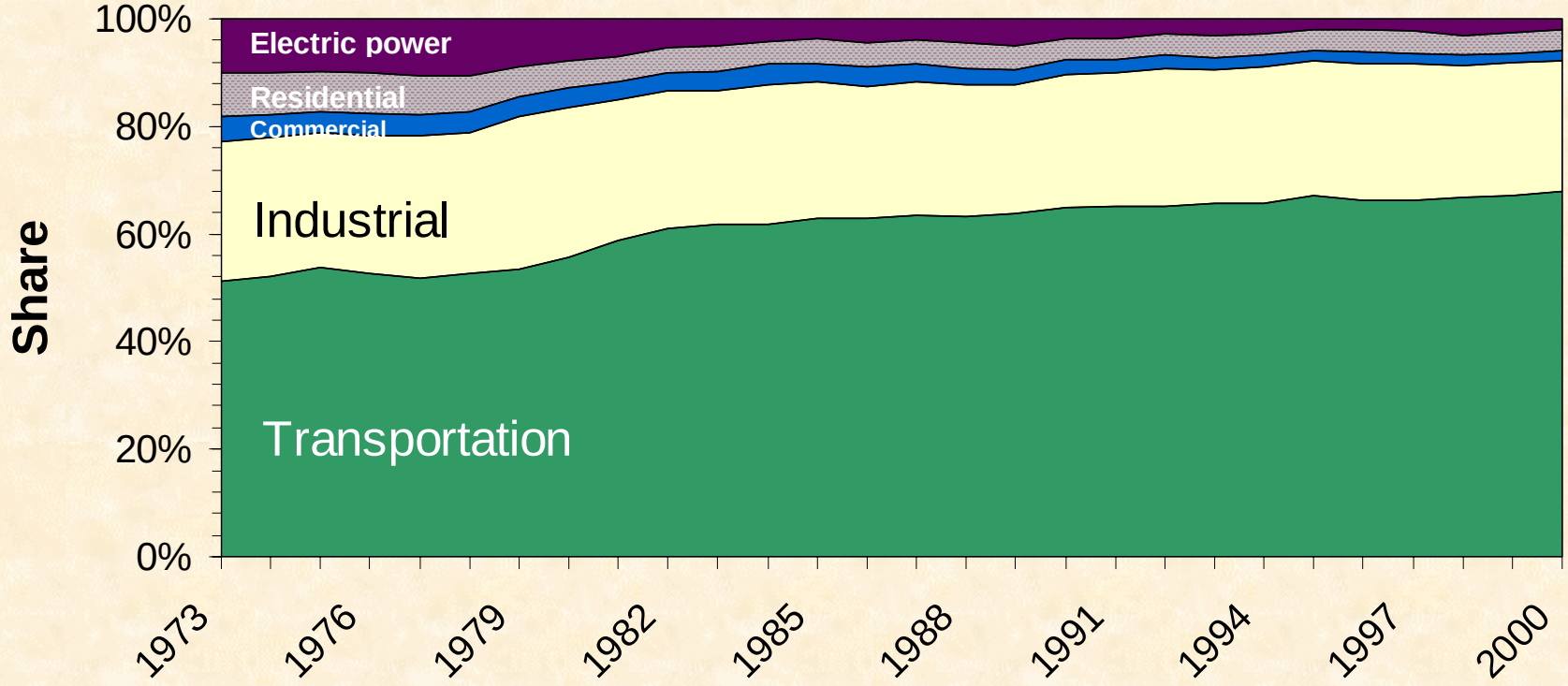
Energy Use by Sector



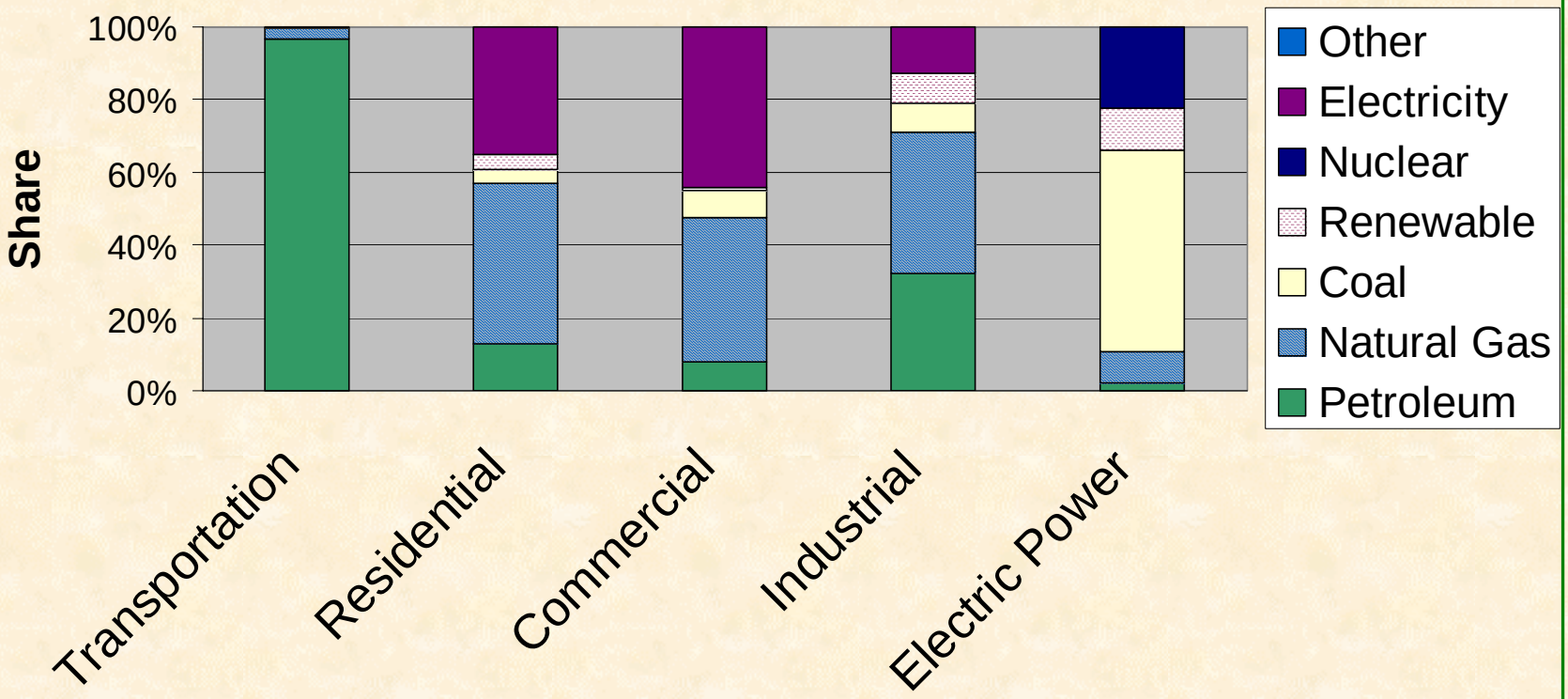
Source: U.S. DOE, EIA, *Monthly Energy Review, March 2001* .

Petroleum Use by Sector



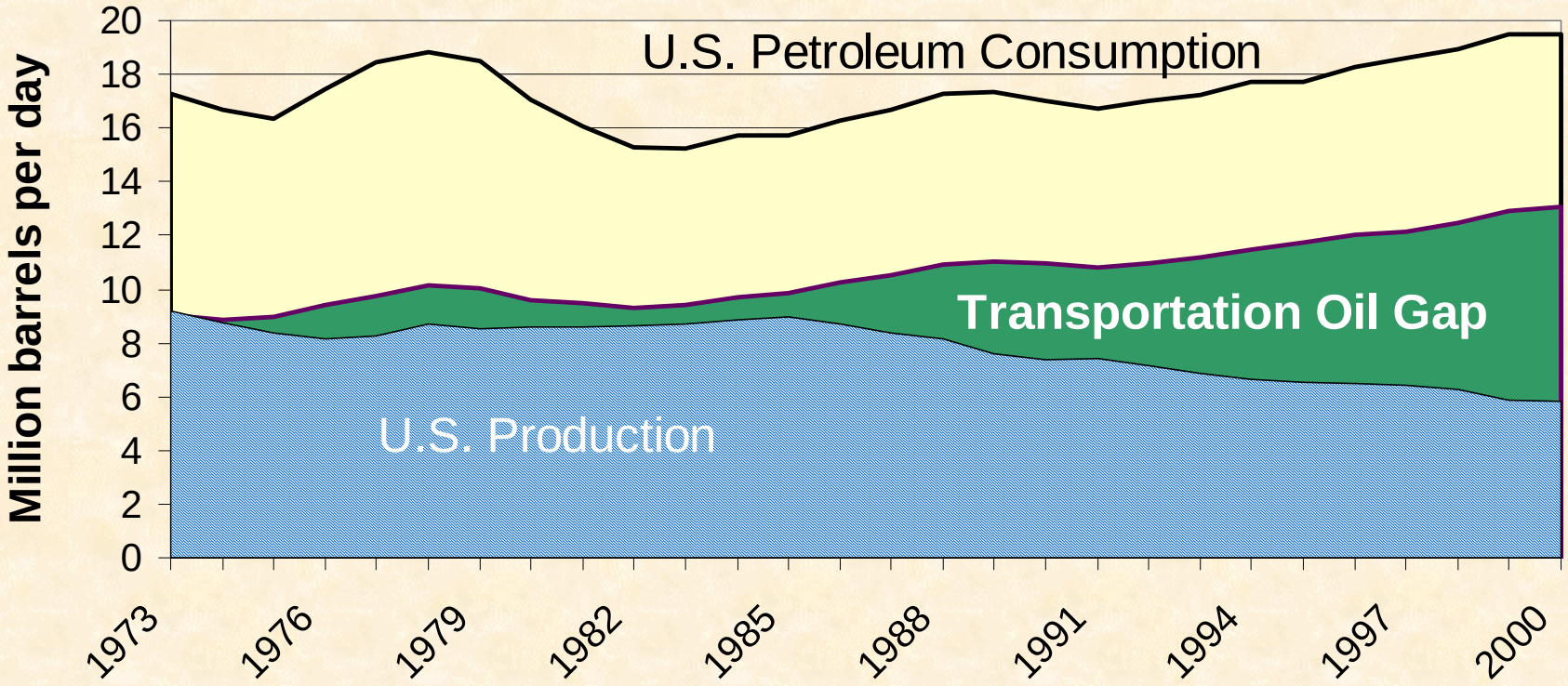
Source: U.S. DOE, EIA, *Monthly Energy Review, March 2001* .

Energy Use by Source, 2000



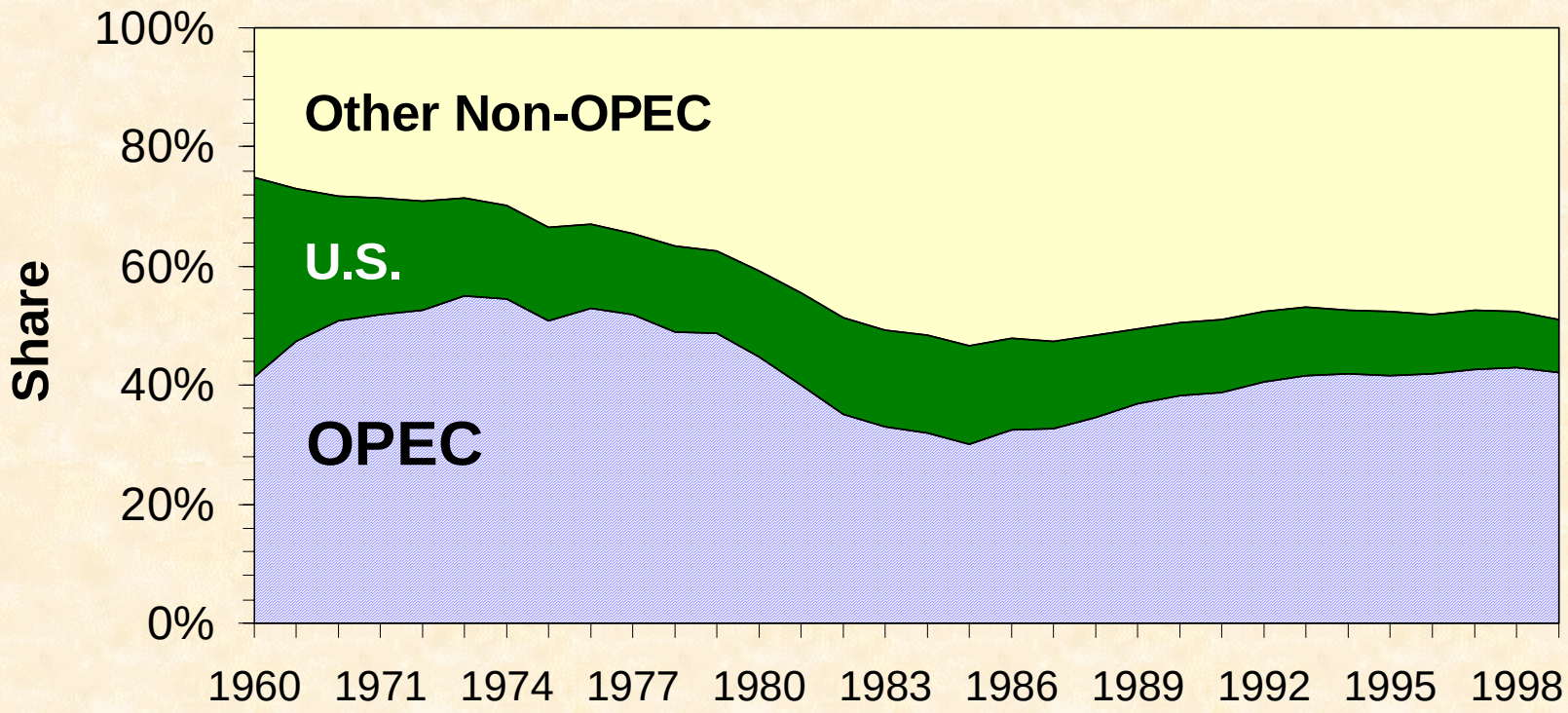
Source: U.S. DOE, EIA, Monthly Energy Review, March 2000.

U.S. Petroleum Production and Consumption



Source: U.S. DOE, EIA, *Monthly Energy Review, March 2001*.

World Crude Oil Production



Source: U.S. DOE, EIA, *Annual Energy Review 1999*.

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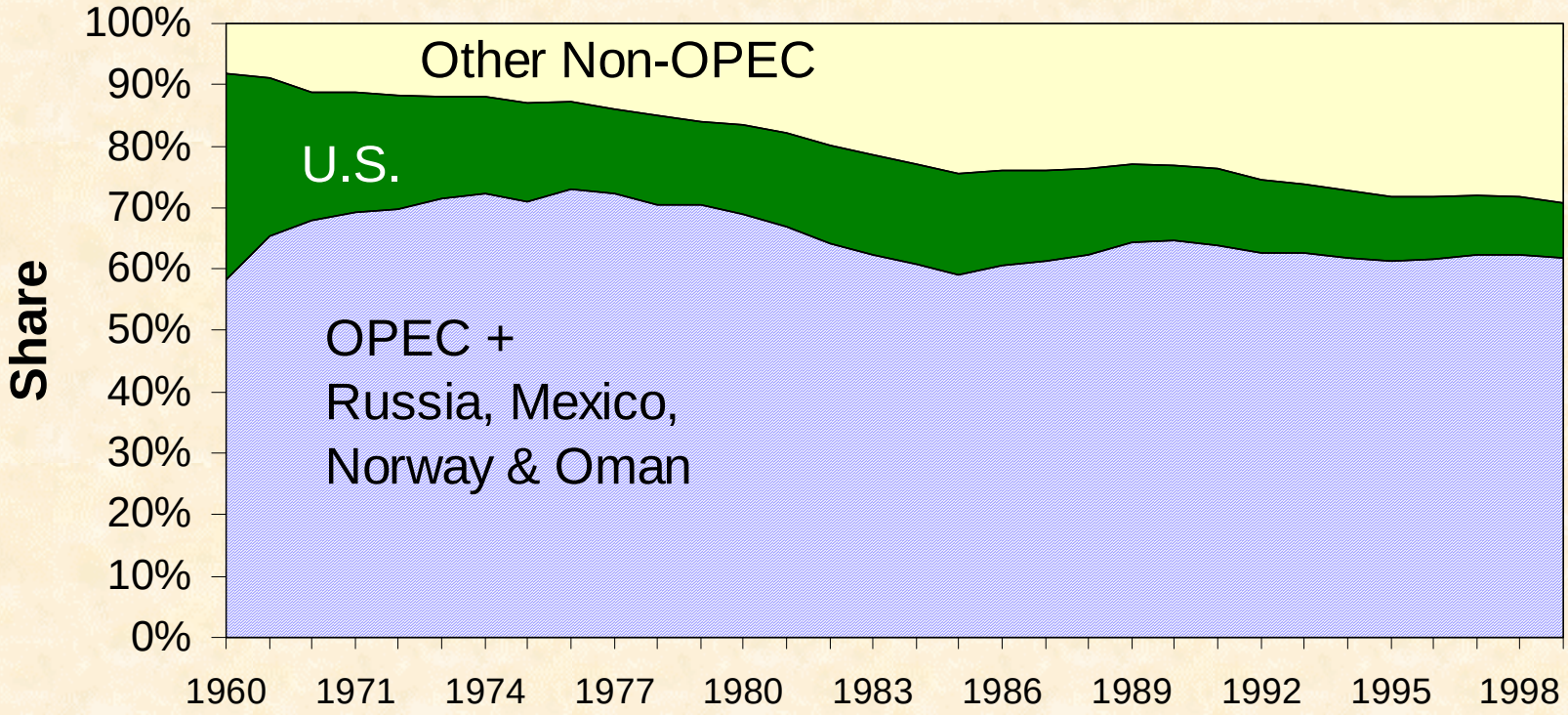
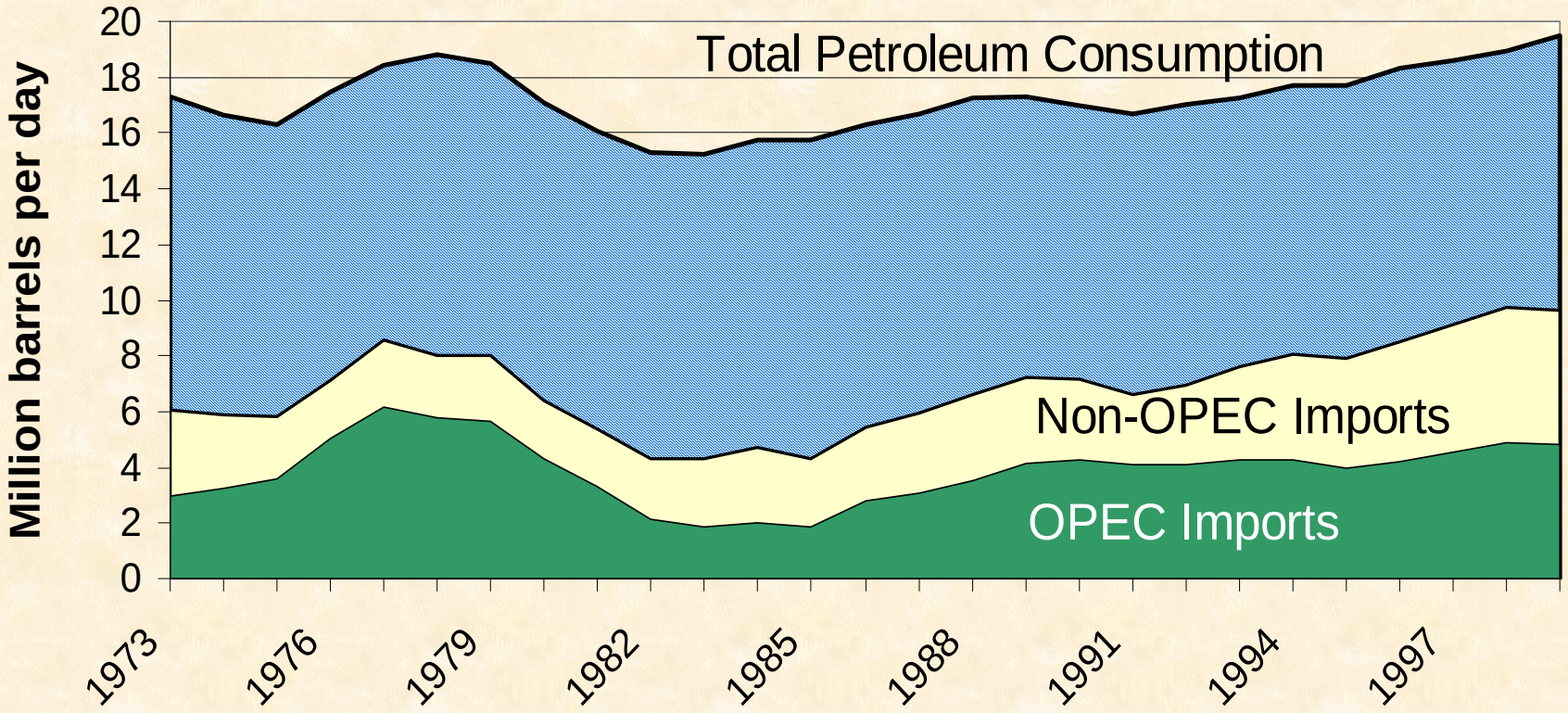


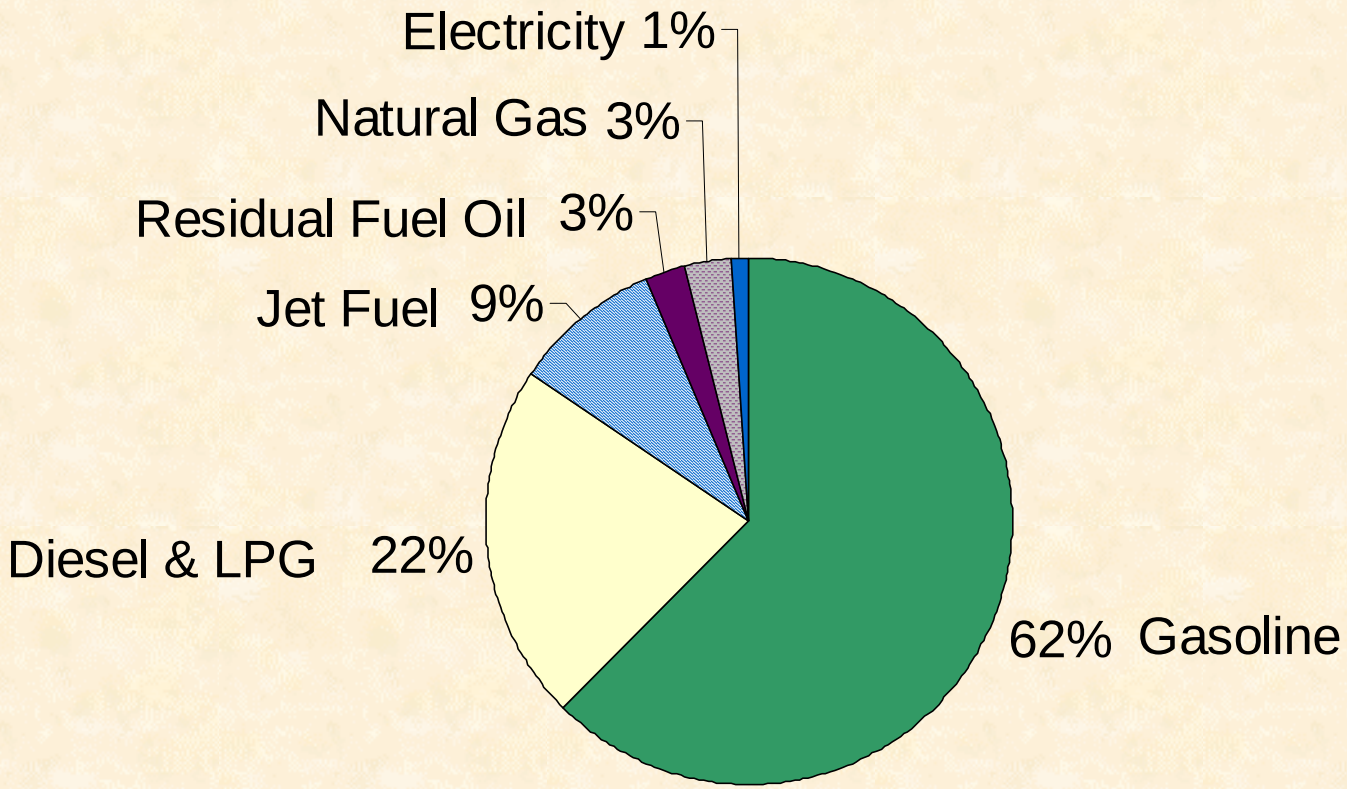
Source: U.S. DOE, EIA, *Annual Energy Review 1999*.

U.S. Petroleum Net Imports



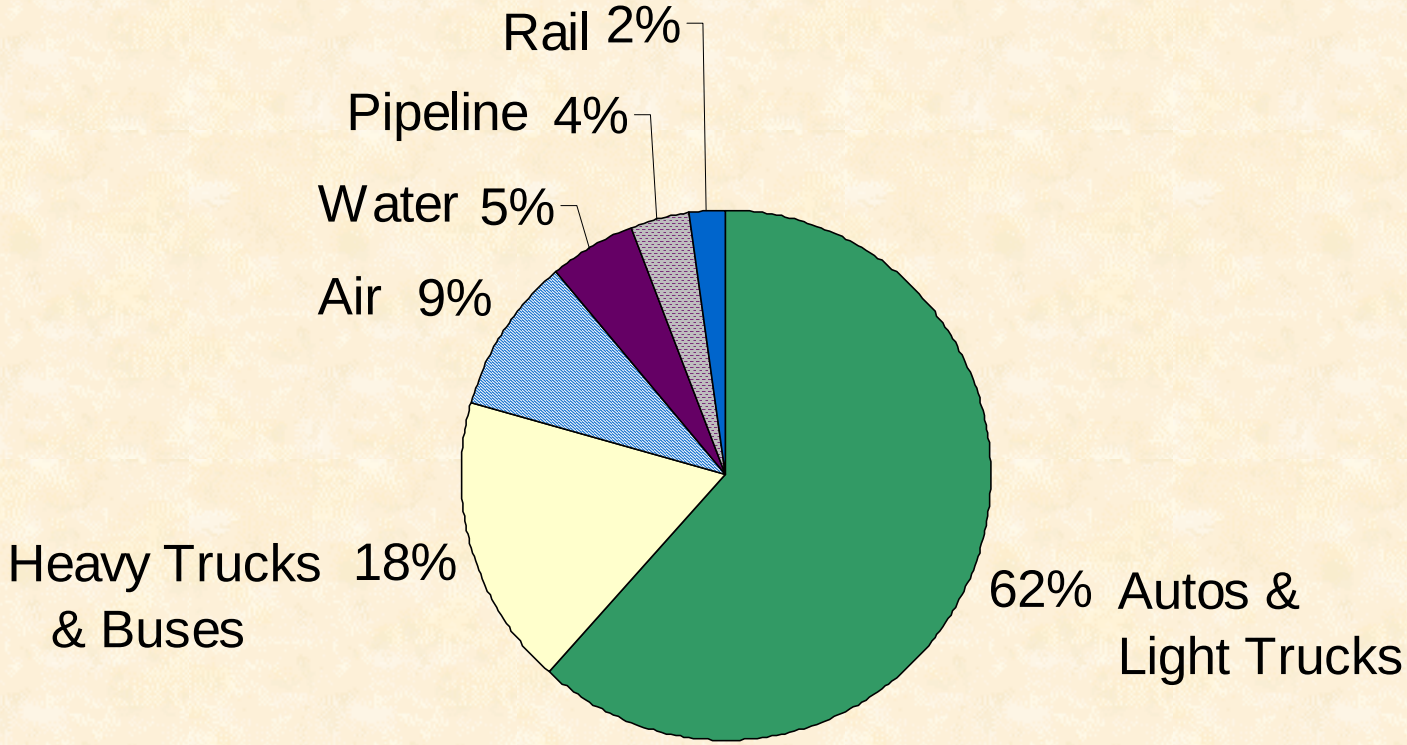
Source: U.S. DOE, EIA, *Annual Energy Review 2000*.

Transportation Energy Fuels, 1998



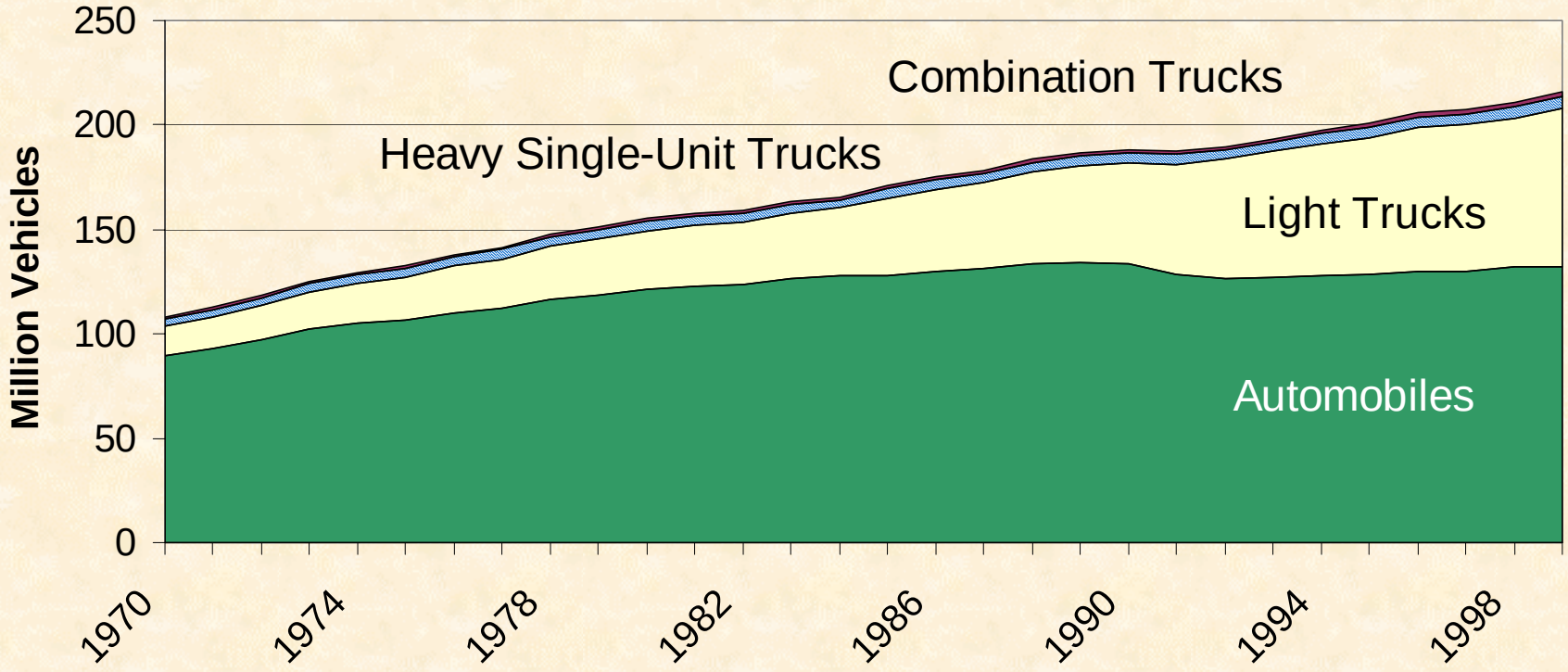
Source: ORNL, *Transportation Energy Data Book: Edition 20*, 2000.

Transportation Energy Use by Mode, 1998



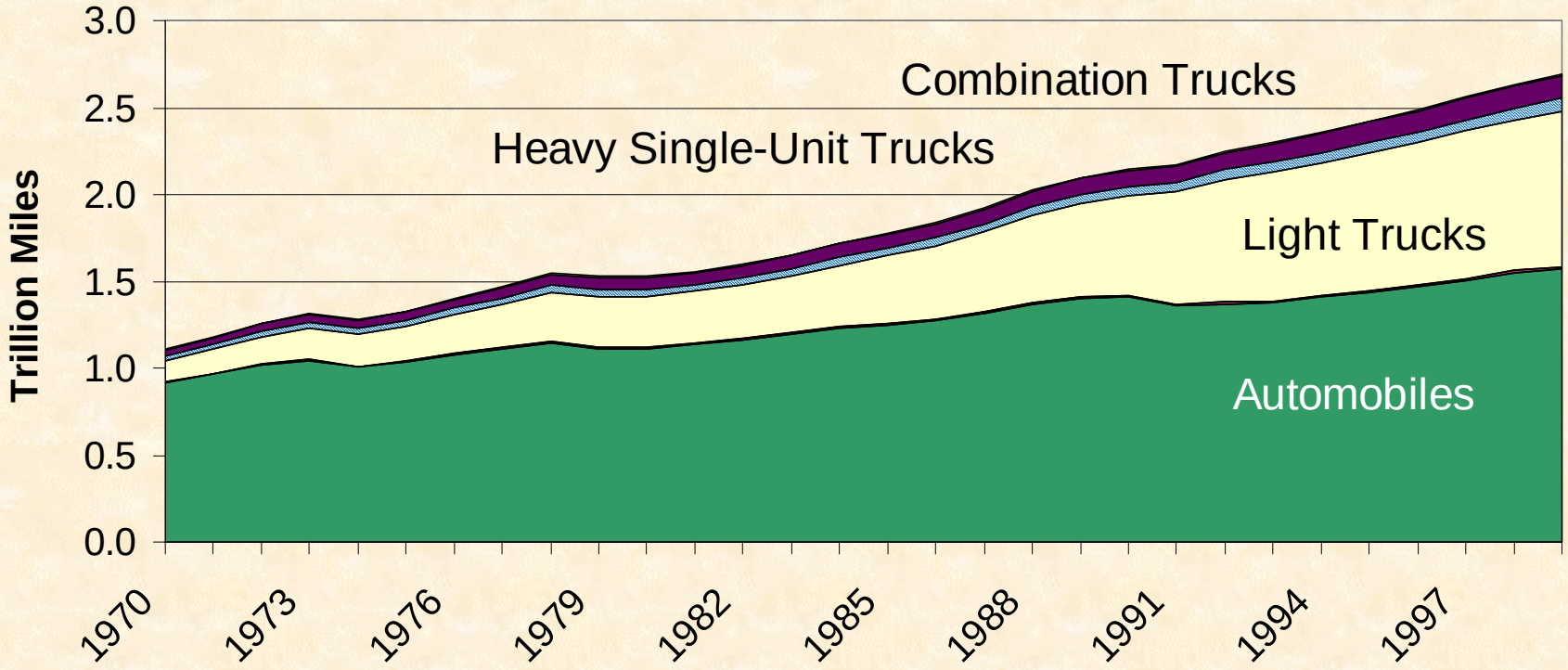
Source: ORNL, *Transportation Energy Data Book: Edition 20*, 2000.

Highway Vehicle Registrations



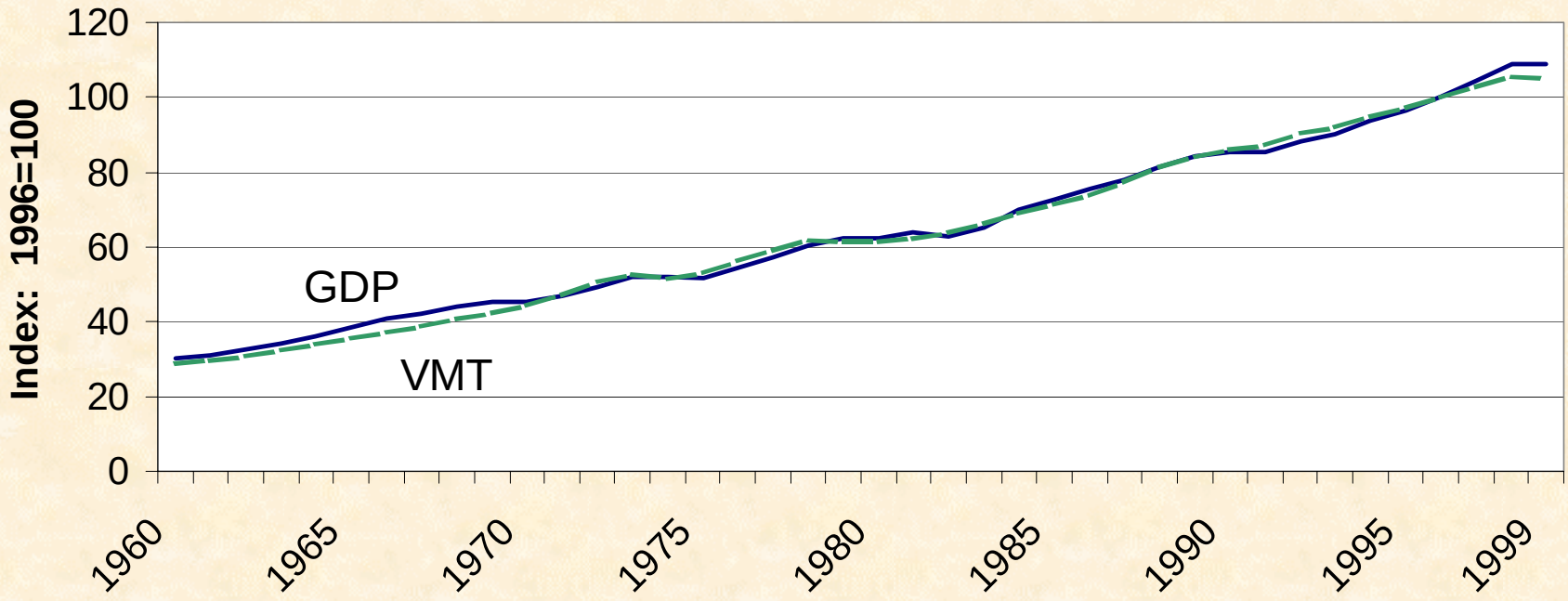
Source: U.S. DOT, FHWA, *Our Nation's Highways*, 2000.

Highway Vehicle Miles of Travel

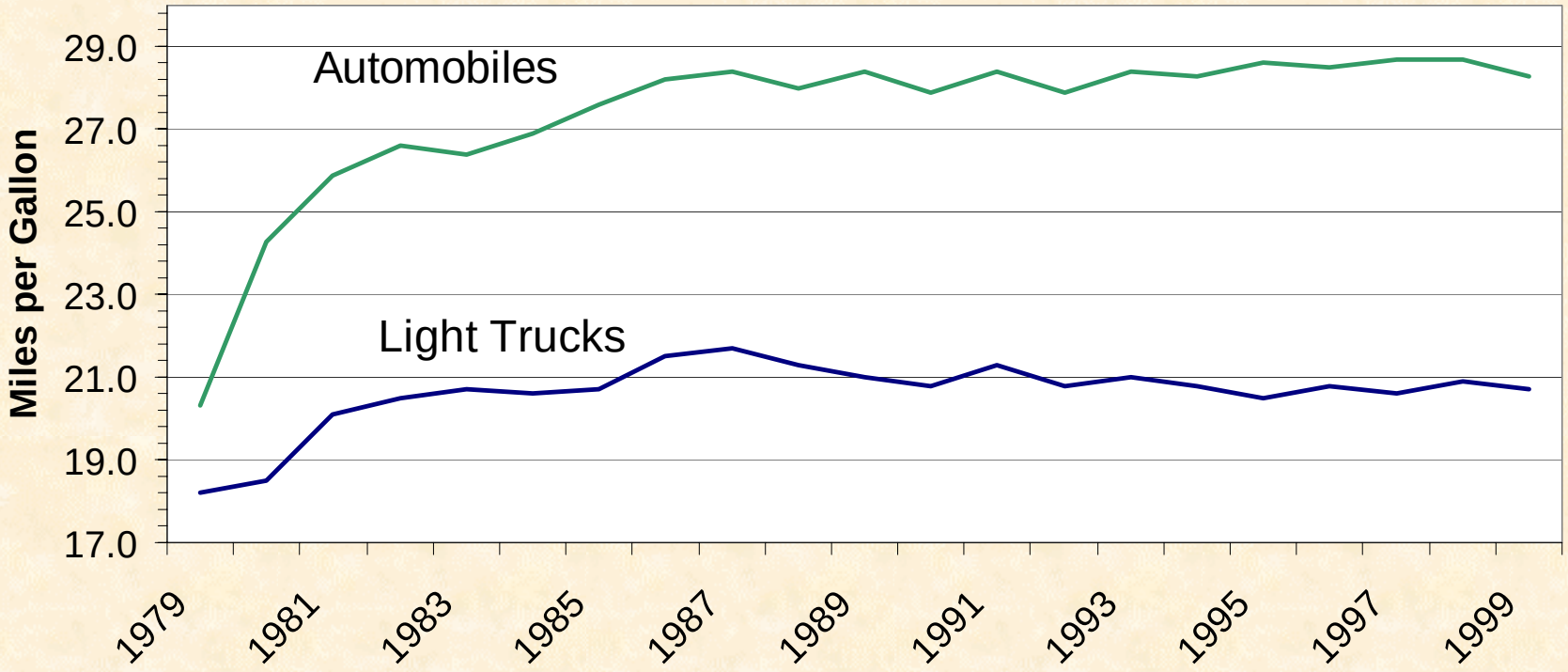


Source: U.S. DOT, FHWA, *Our Nation's Highways*, 2000.

Gross Domestic Product and Vehicle-Miles of Travel Relationship

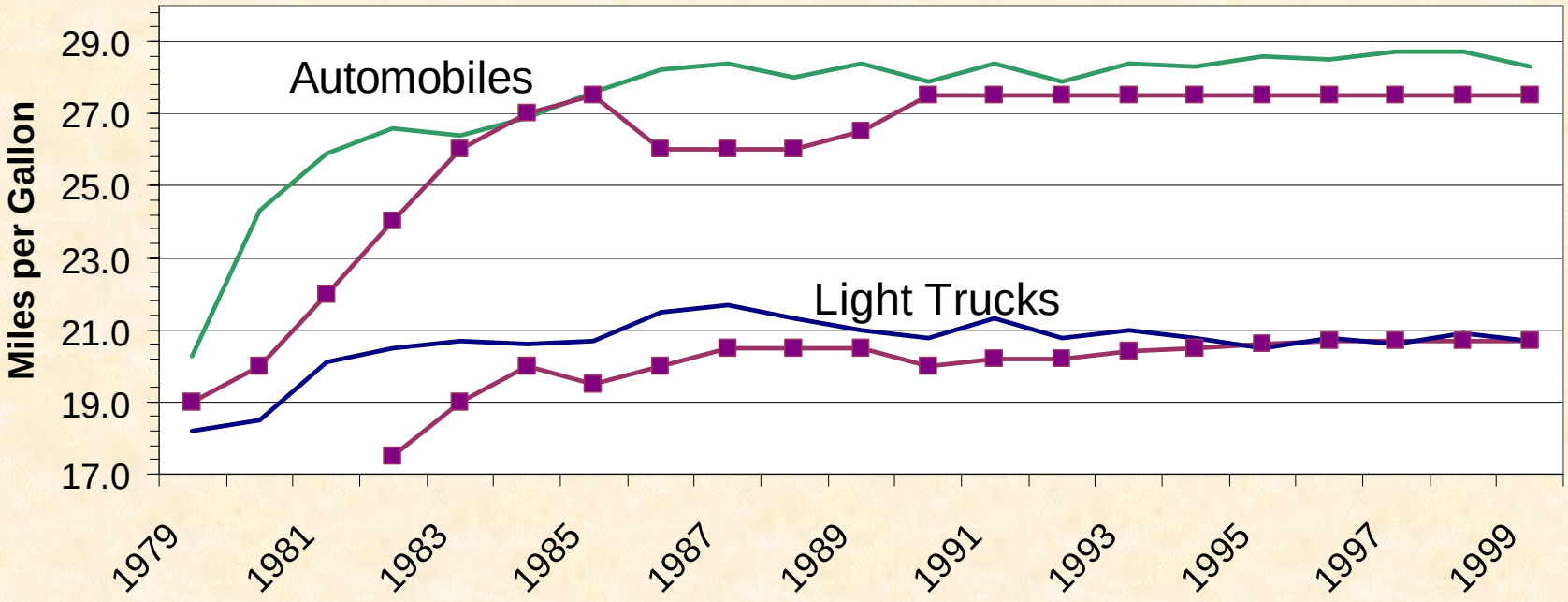


New Light Vehicle Fuel Economy



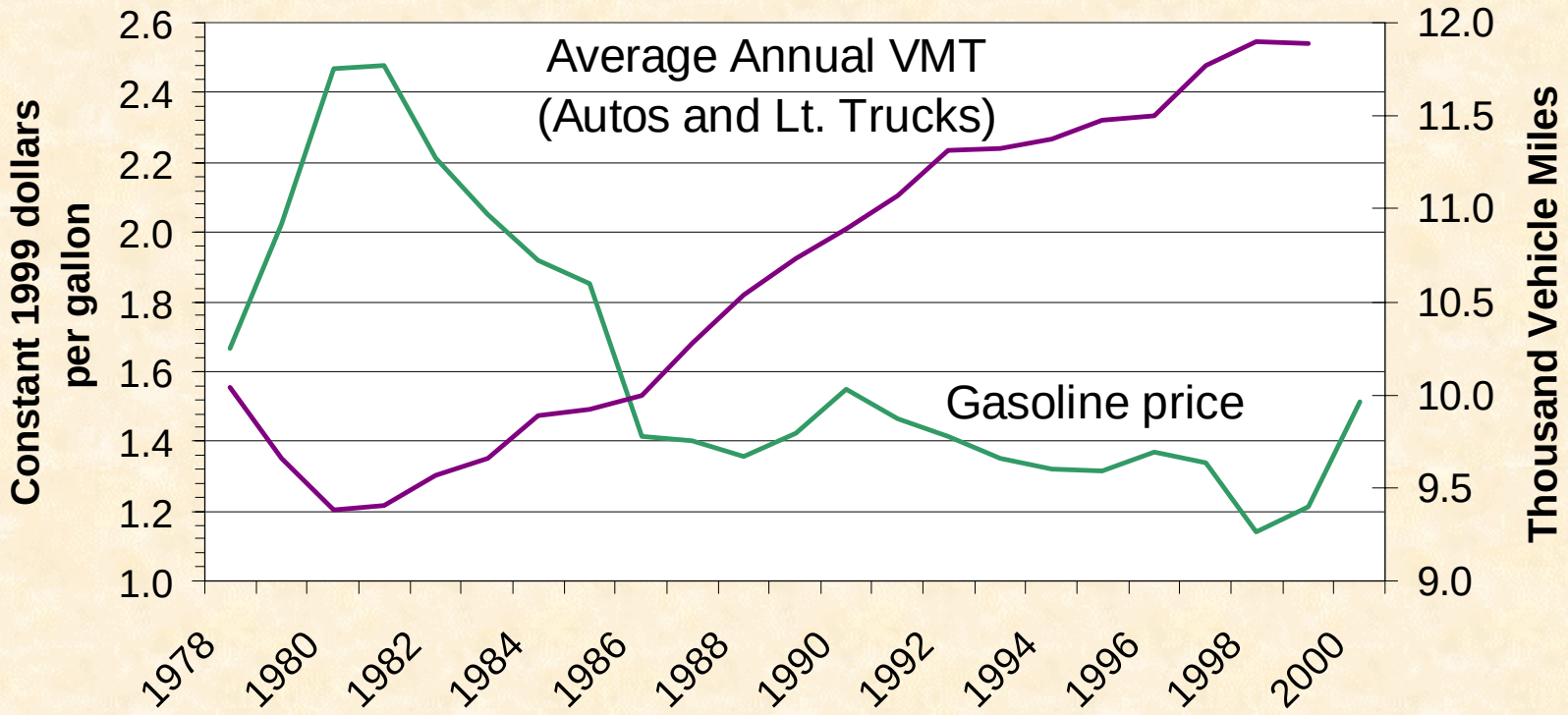
Source: U.S. DOT, NHTSA, *Summary of Fuel Economy Performance*, 2000.

New Light Vehicle Fuel Economies and CAFE Standards



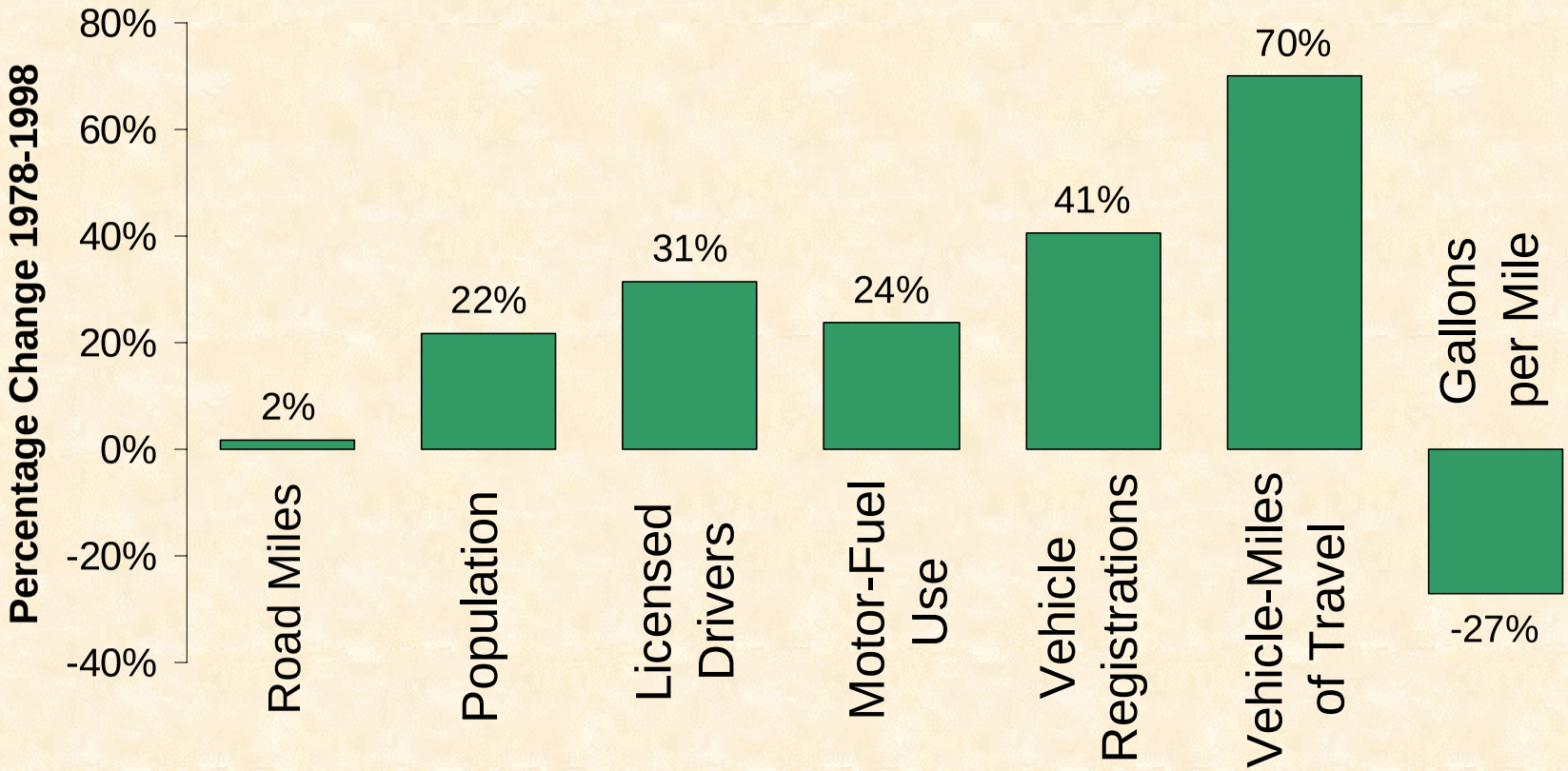
Source: U.S. DOT, NHTSA, *Summary of Fuel Economy Performance*, 2000.

Price of Gasoline and Vehicle Miles of Travel



Source: Gasoline Price: U.S. DOE, *Monthly Energy Review, March 2001* .
VMT: U.S. DOT, FHWA, *Our Nation's Highways,* 2000.

Highway Indicators



Transportation is…

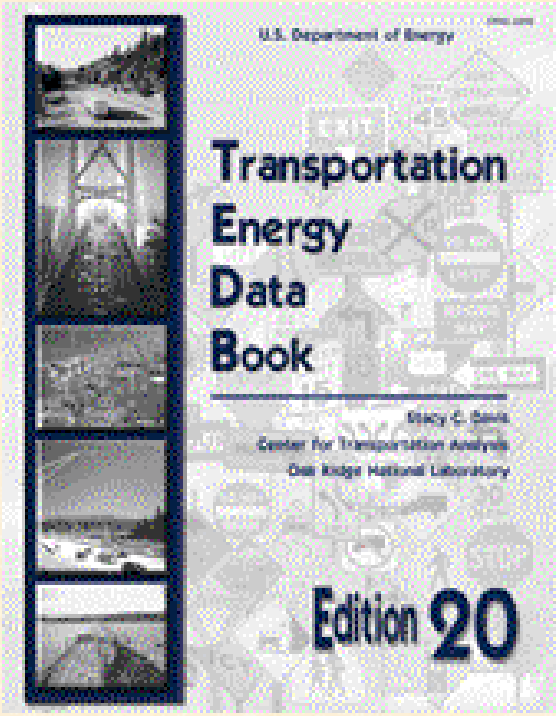
- One quarter of the nation's energy use
- Two-thirds of the nation's petroleum use

➤ U.S. petroleum imports account for half of the total petroleum consumption.

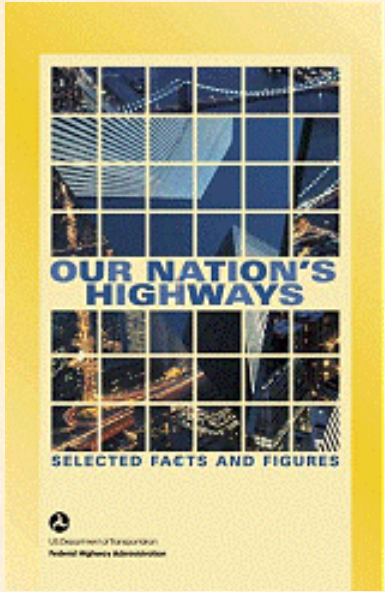
➤ **Gasoline & diesel used in highway vehicles account for about 80% of transportation energy use.**

Some of the major factors affecting highway fuel use

- **Number of vehicles**
- **Vehicle miles of travel**
- **Fuel economy of the vehicle population**
- **Fuel price**



www-cta.ornl.gov/data



www.fhwa.dot.gov/ohim/onh.htm