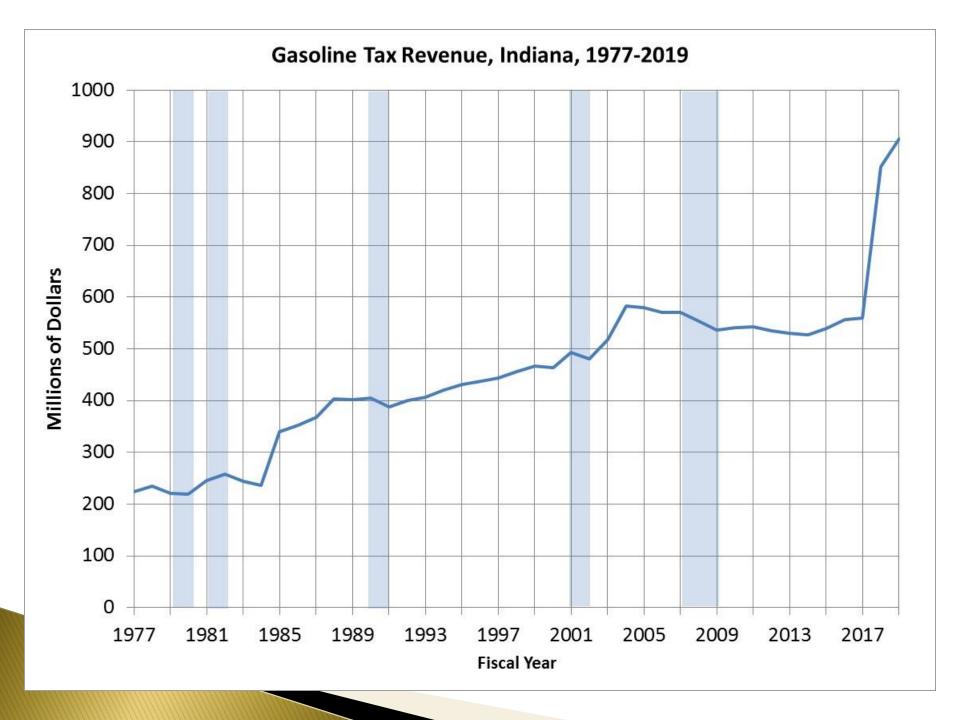
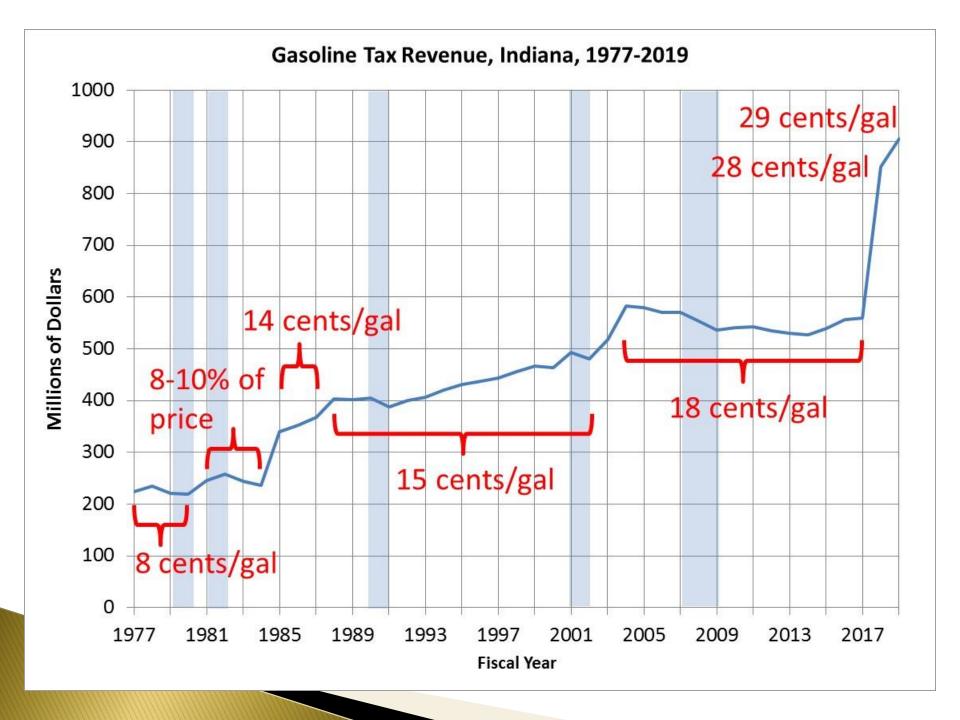
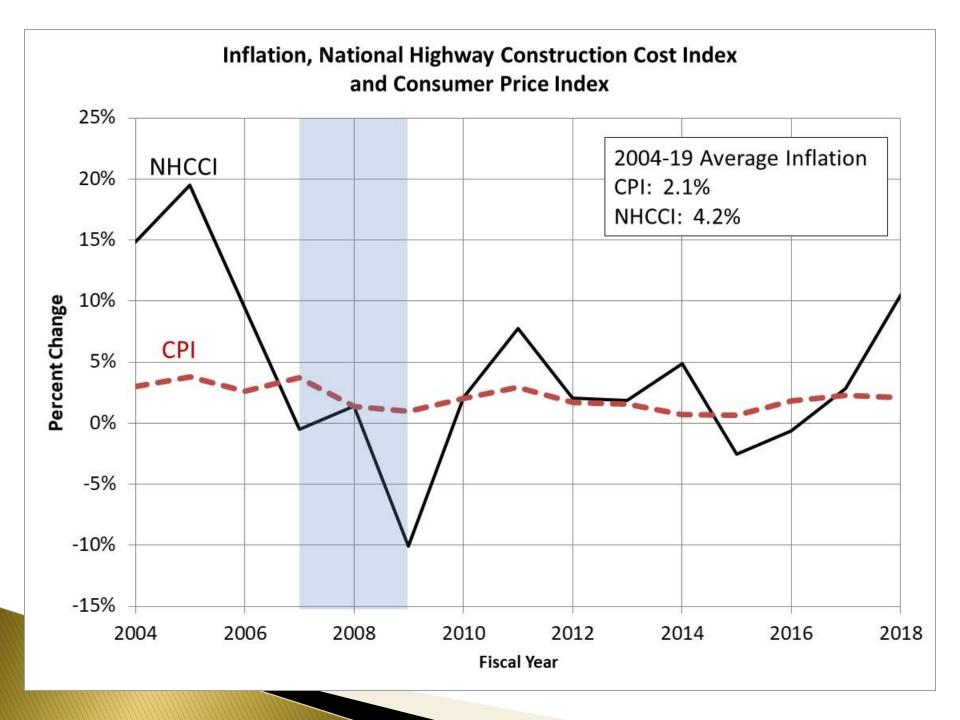
The Gasoline Tax and the Road Funding Problem

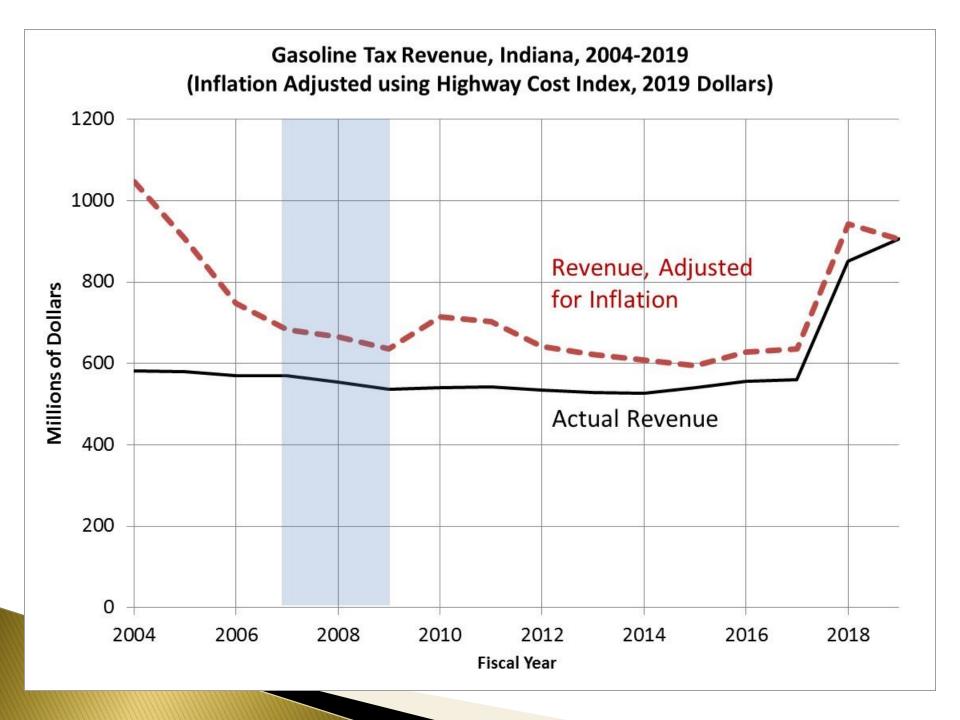
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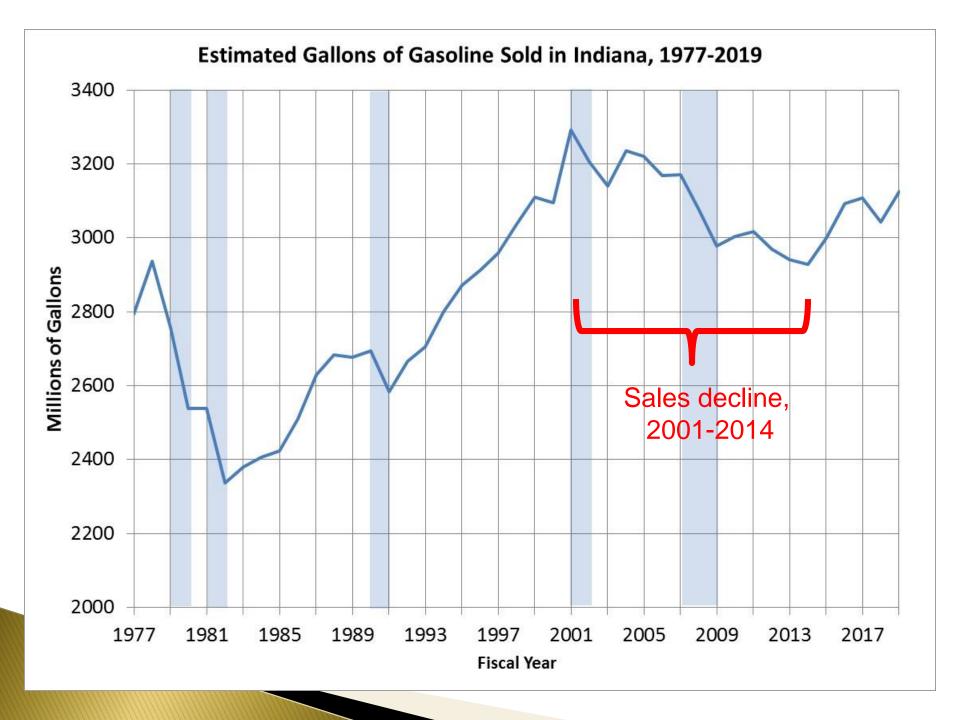
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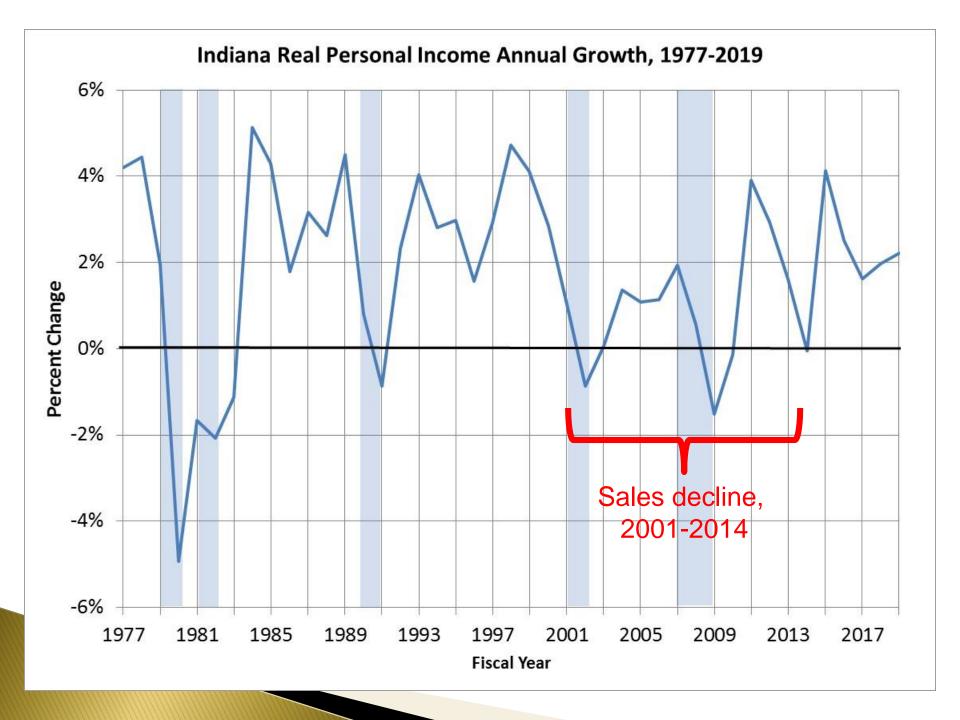


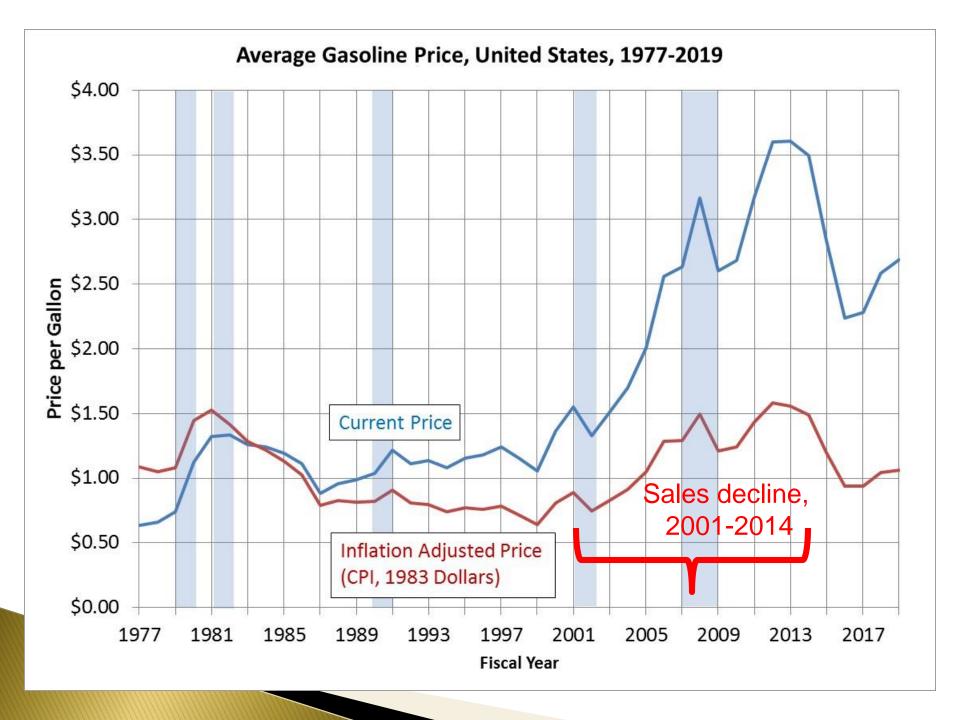


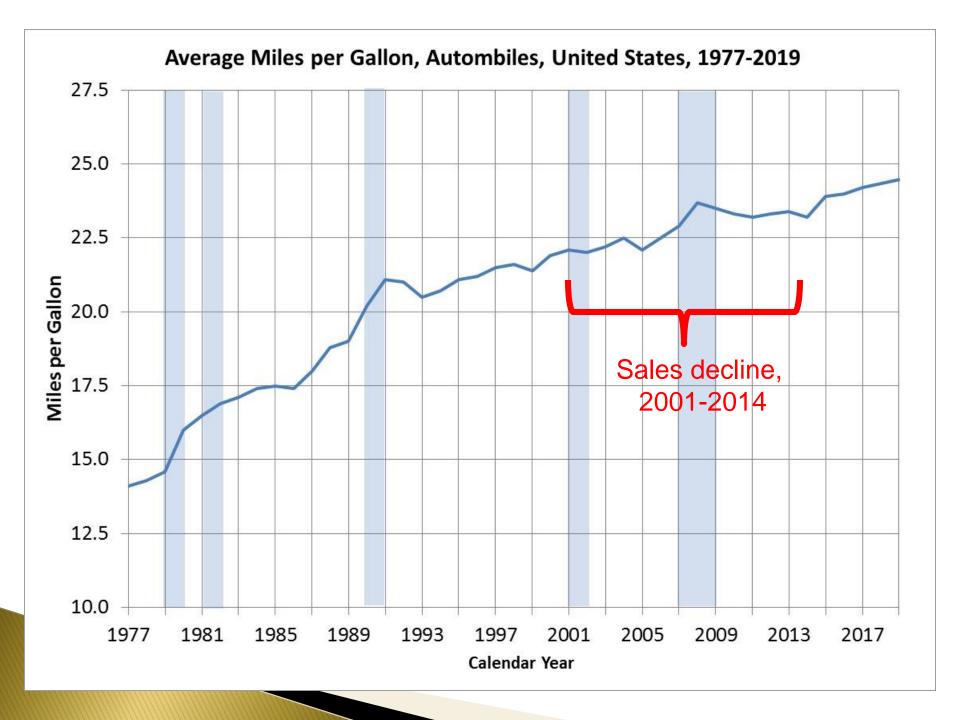


What Affects Gasoline Sales?

- Incomes of Indiana people
 - People drive more when they can afford it
 - Both incomes and miles driven fall during recessions
- Gasoline price
 - "Law of Demand": when a product is more costly, people buy less
 - Short run response is small, long run is larger
- Average fuel efficiency of the automobile fleet
 - Higher miles per gallon means less gasoline purchased
- "Momentum"
 - Incomes and prices in the past change the fuel efficiency of the existing fleet







What Affected Gasoline Sales, 2001-2014?

- Incomes of Indiana people
 - Recession, 2001; Recession 2007–09
 - Slow growth during 2001-07 expansion
- Gasoline price
 - Average price rises from \$1.50 to \$3.50 per gallon
 - Price rose twice as fast as inflation
- Average fuel efficiency of the automobile fleet
 - Grew slowly during 2001–08, flat during 2009–14
- "Momentum"
 - People adjust their cars and commutes to reduce their gasoline purchases

The New York Times

November 12, 2019

Global Oil Demand Growth to Slow From 2025-IEA

By Reuters

Global oil demand growth is expected to slow from 2025 as fuel efficiency improves and the use of electrified increases but is unlikely to peak in the next two decades, the International Energy Agency (IEA) said on Wednesday.

"There is a material slowdown after 2025, but this does not lead to a definitive peak in oil use," the IEA said, citing increased demand from trucks and the shipping, aviation and petrochemicals sectors.

Oil use in passenger cars is, however, seen peaking in the late 2020s as drivers switch to electric vehicles.

Must drivers pay for roads?

Gasoline Tax Increases

- Gax tax increased from 29 to 30 cents on July 1, 2019
- The tax rate will increase with inflation and income growth, up to one cent per year
- Likely to increase one cent per year as long as inflation continues near 2% per year and income growth continues near 4% per year
- On average one cent tax raises about \$31 million

The Gasoline Tax and the Road Funding Problem

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