

State Electric Price Comparison

Review of Energy Information Administration (EIA) Historical Price Data

Commission Staff presents a review of state level electric price data as a supplement to its Annual Residential Bill Survey. The Bill Survey presents retail rates at an electric utility level for a snapshot in time, namely July 1st of each year. *The rate data herein is a state level view which allows for comparison on a state-to-state basis.* The data is summed across the entire year which also serves to dampen any short-term volatility.

We present our review on a total price as well as a general rate classification- residential, commercial and industrial- basis to provide a comparison for various cross-sections of customers.

Figure 1 shows Indiana's rank by each rate classification as well as total for each of the previous 10 years (a ranking of 1 means lowest price).

Figure 2 depicts the US and Indiana price levels since 1990. The remainder of the comparisons will focus on our neighboring states- Illinois, Kentucky, Michigan, Ohio- with West Virginia included because of its similar fuel and regulatory characteristics. Figures 3 - 6 plot the change in price for the included states on a total and rate classification basis.

Table 1 shows the cumulative % and absolute change in price over the stated time span for Indiana and the US as a whole.

The base data used in this analysis is from EIA's *Electric Power Annual – State Data Tables, Average Price by State by Provider (Total Electric Industry)* [<http://www.eia.gov/electricity/data/state/>], supplemented by the *Electric Power Monthly, Table 5.6.B, Average Retail Price of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through December 2014 and 2013* [http://www.eia.gov/electricity/monthly/epm_table_grapher.cfm?t=epmt_5_06_b], to capture the 2014 preliminary data.

Figure 1
State Price Ranking, Indiana [1 being the lowest state average price]

■ Total Price ■ Residential ■ Commercial ■ Industrial

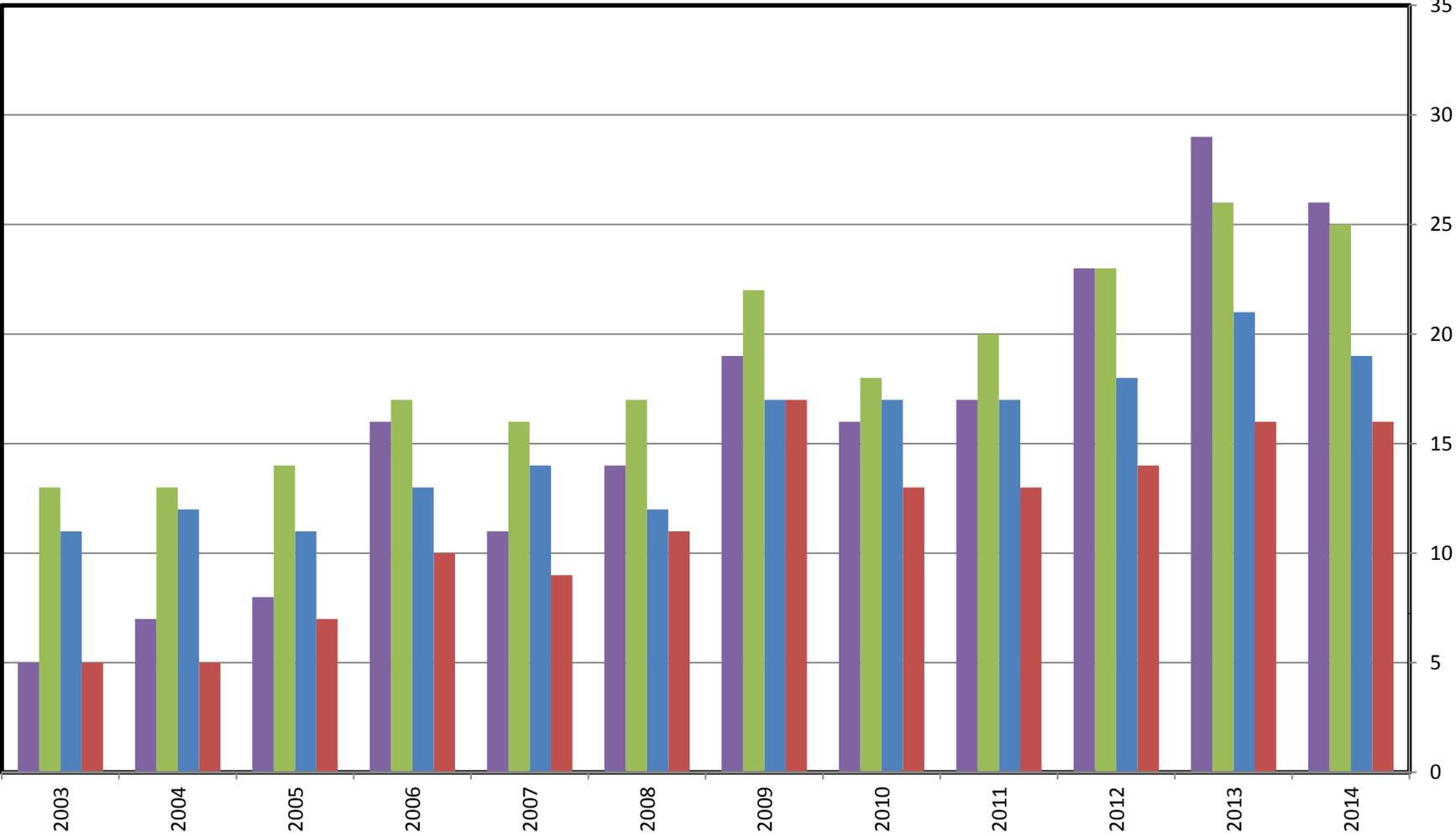


Figure 2
Indiana and US Price by Rate Classification (cents/kWh)

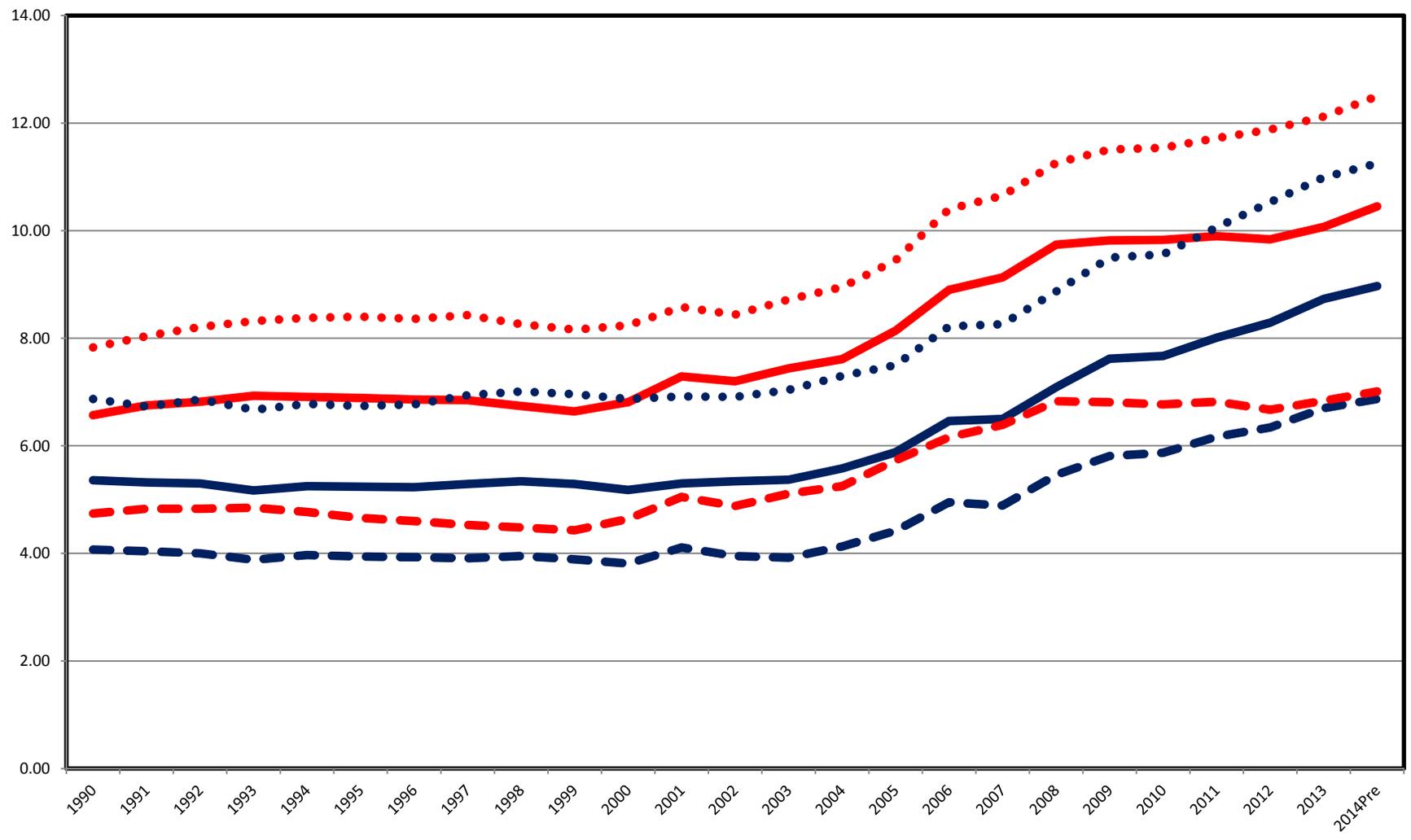


Figure 3
Average Retail Price by State (cents/kWh)

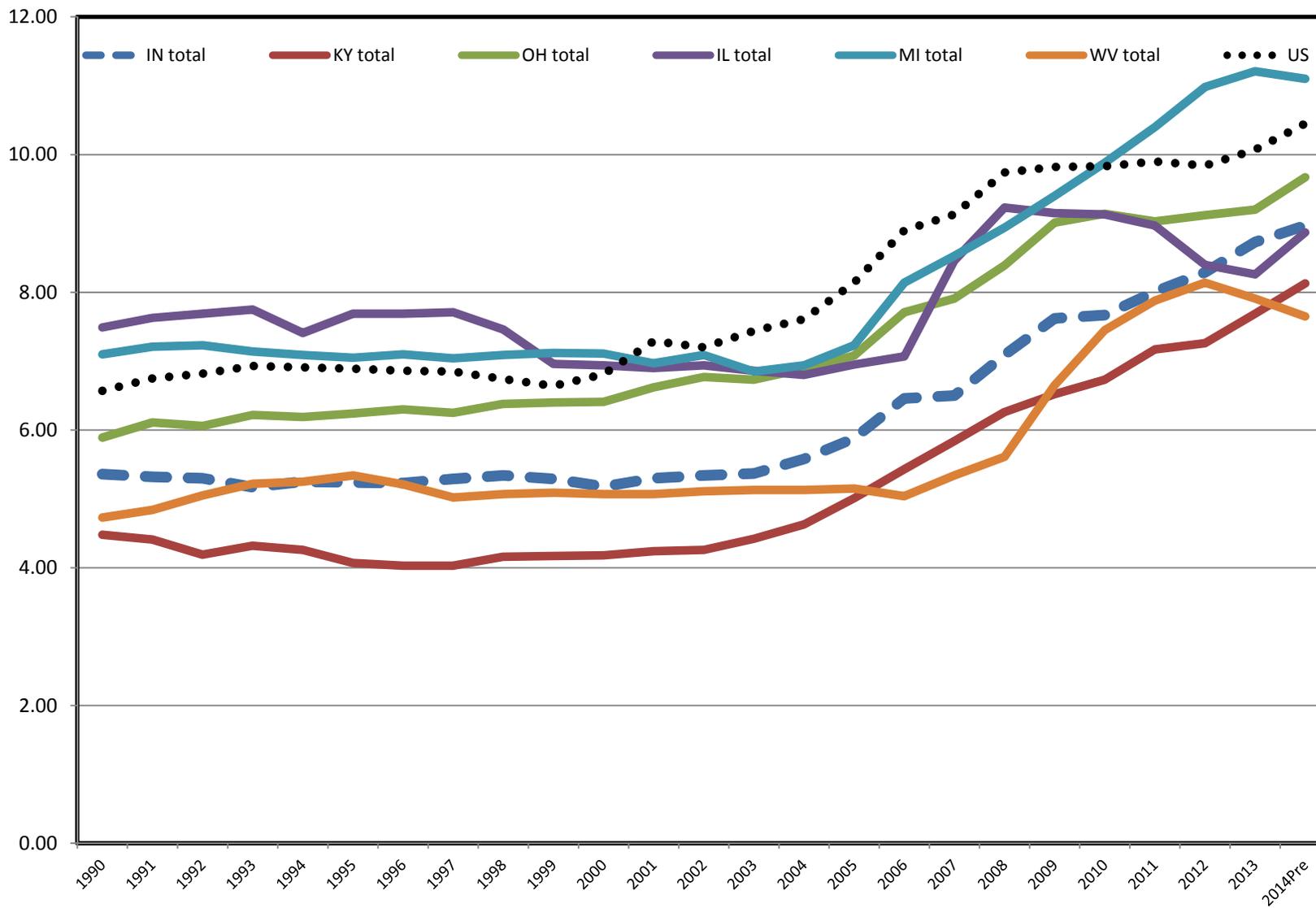


Figure 4
Industrial Classification Price by State (cents/kWh)

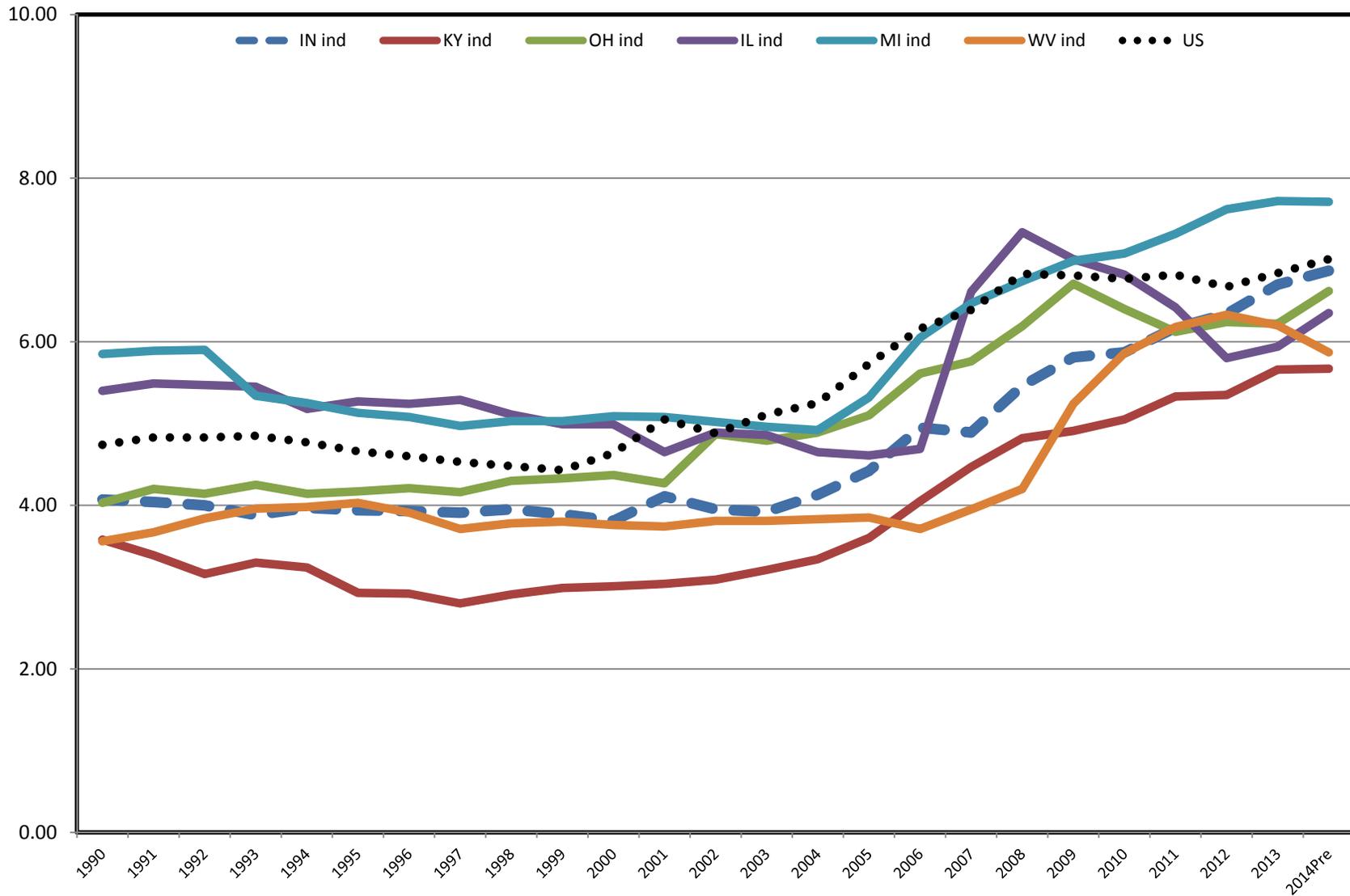


Figure 5
Residential Classification Price by State (cents/kWh)

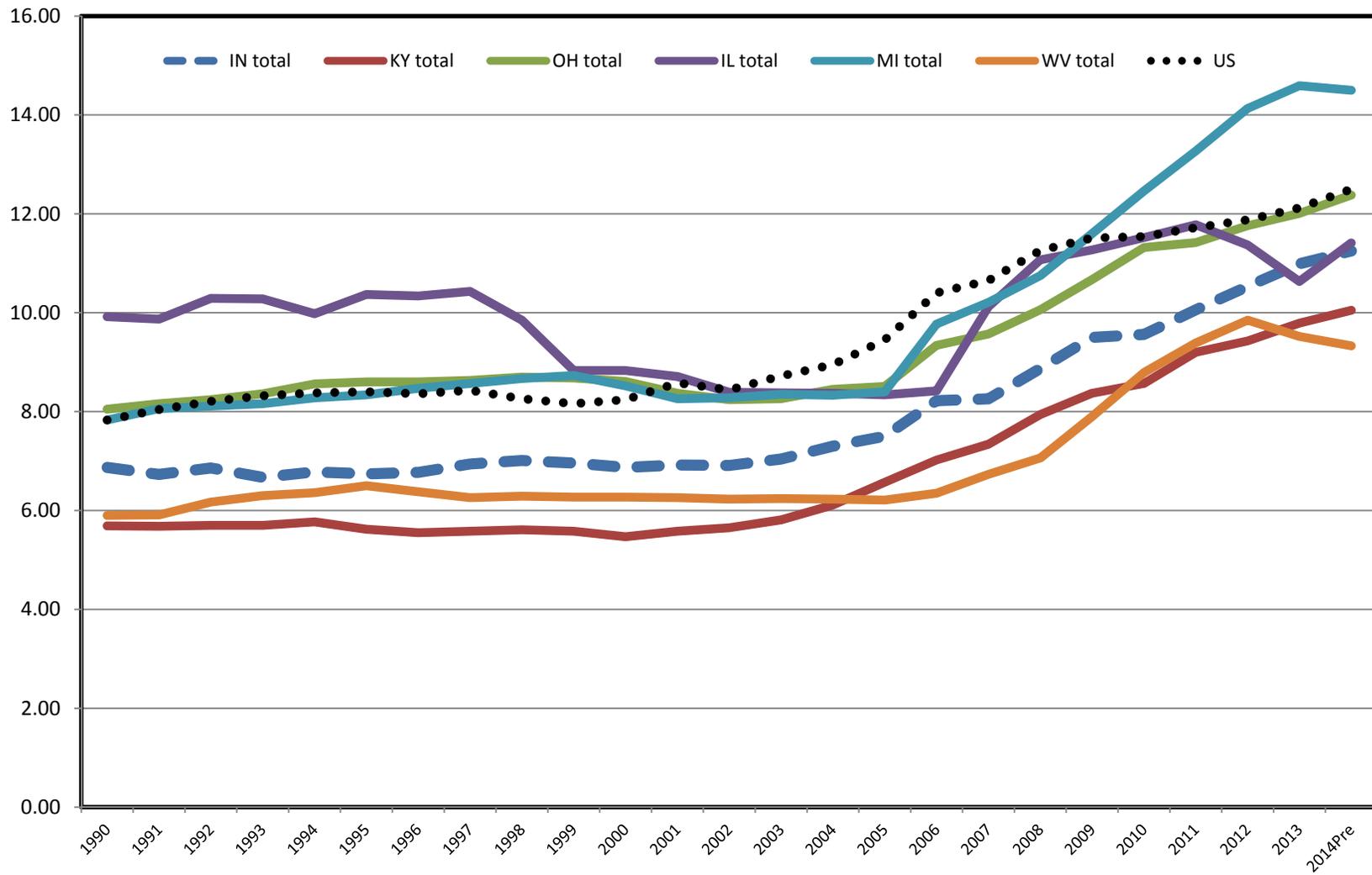


Figure 6
Commercial Classification Price by State (cents/kWh)

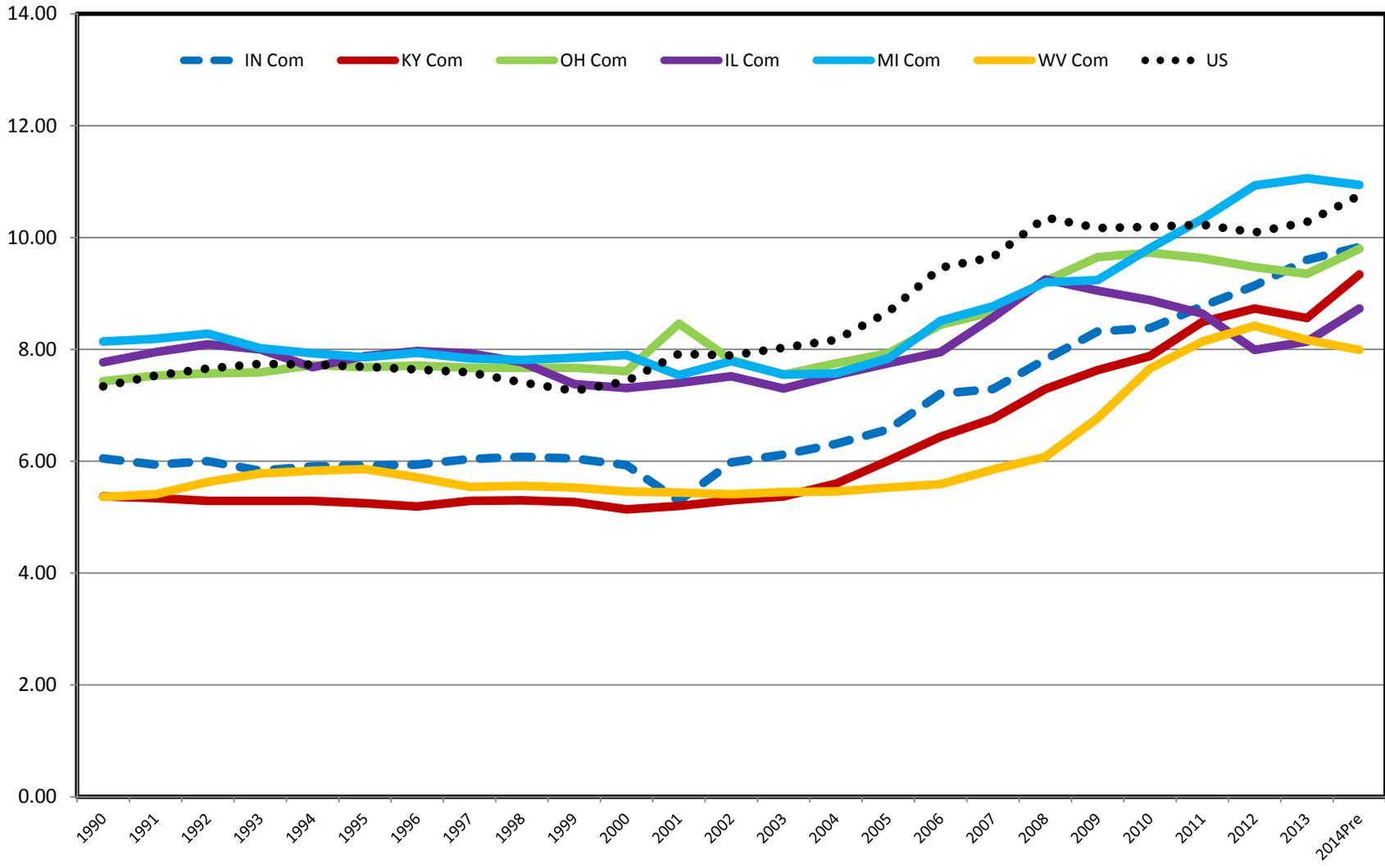


Table 1. Change in Average Price

Percent Change				
	Res	Com	Ind	Total
Indiana				
Last 10 years	50%	50%	55%	53%
Since 1990	64%	62%	69%	67%
US				
Last 10 years	32%	24%	22%	28%
Since 1990	60%	46%	48%	59%
Absolute Change (cents/kWh)				
	Res	Com	Ind	Total
Indiana				
Last 10 years	3.75	3.26	2.45	3.09
Since 1990	4.38	3.78	2.80	3.61
US				
Last 10 years	3.05	2.08	1.28	2.31
Since 1990	4.67	3.41	2.27	3.88