

# **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 1<sup>st</sup> 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/>].

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

■ Total Price ■ Residential ■ Commercial ■ Industrial

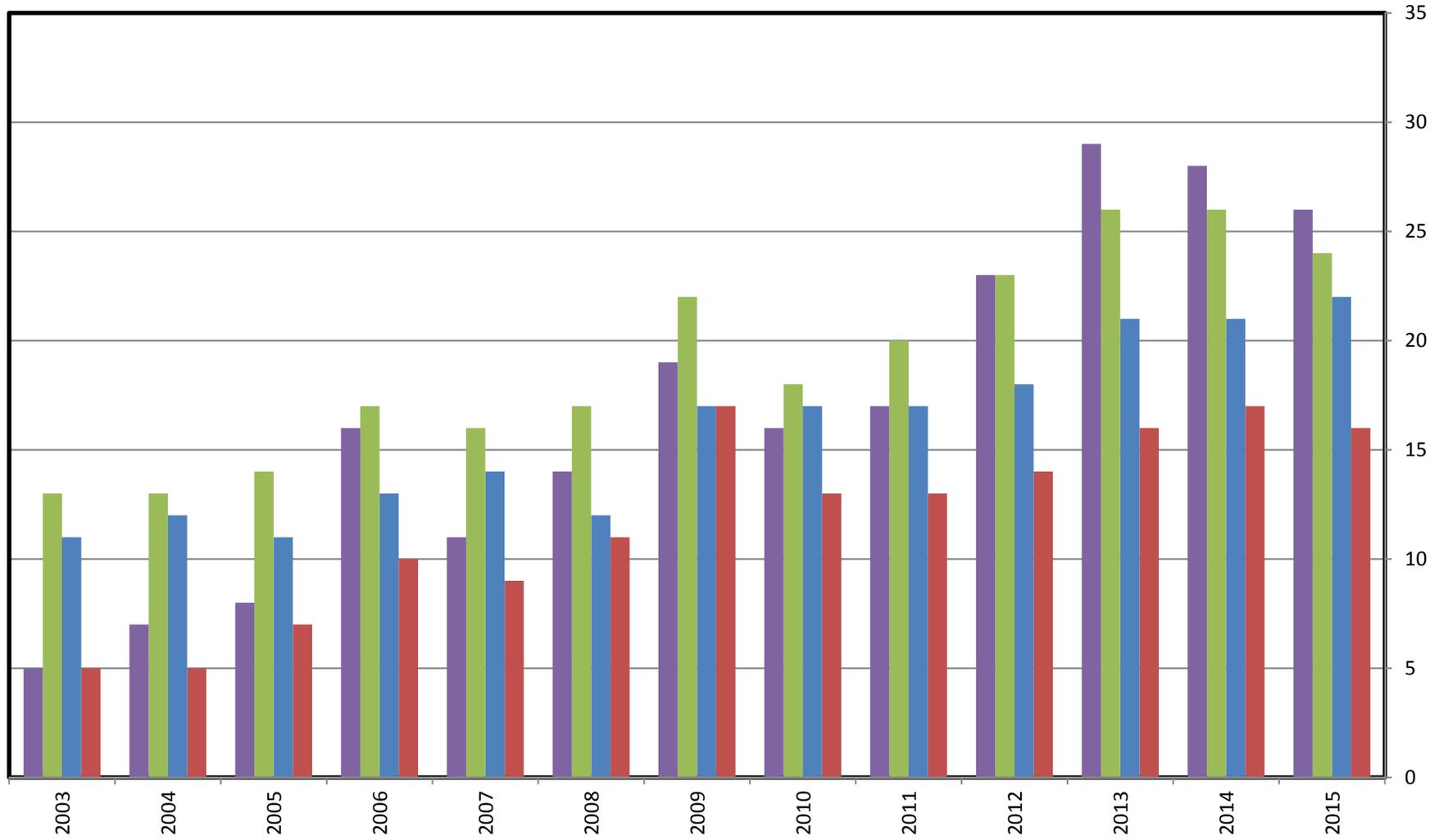
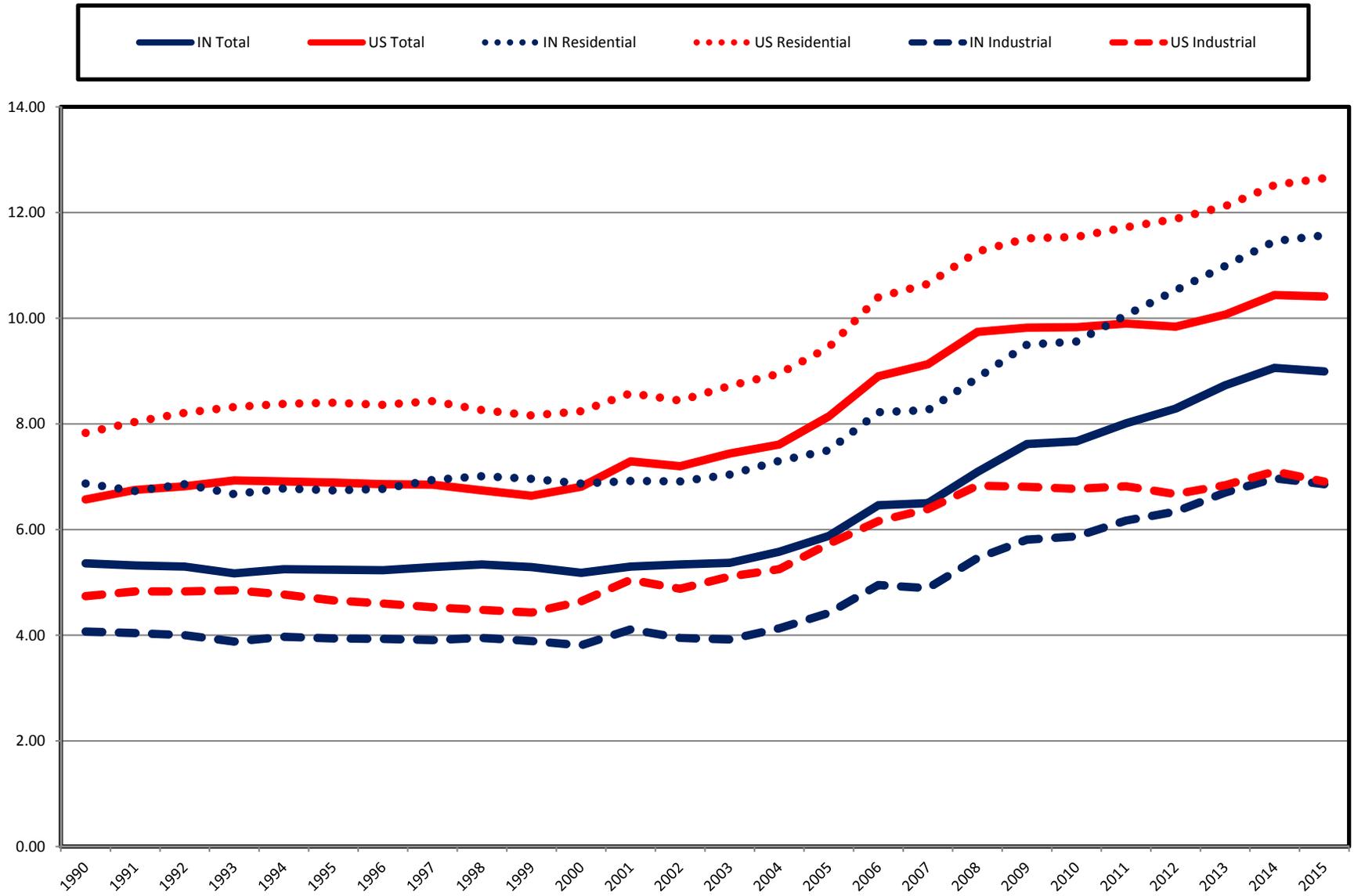
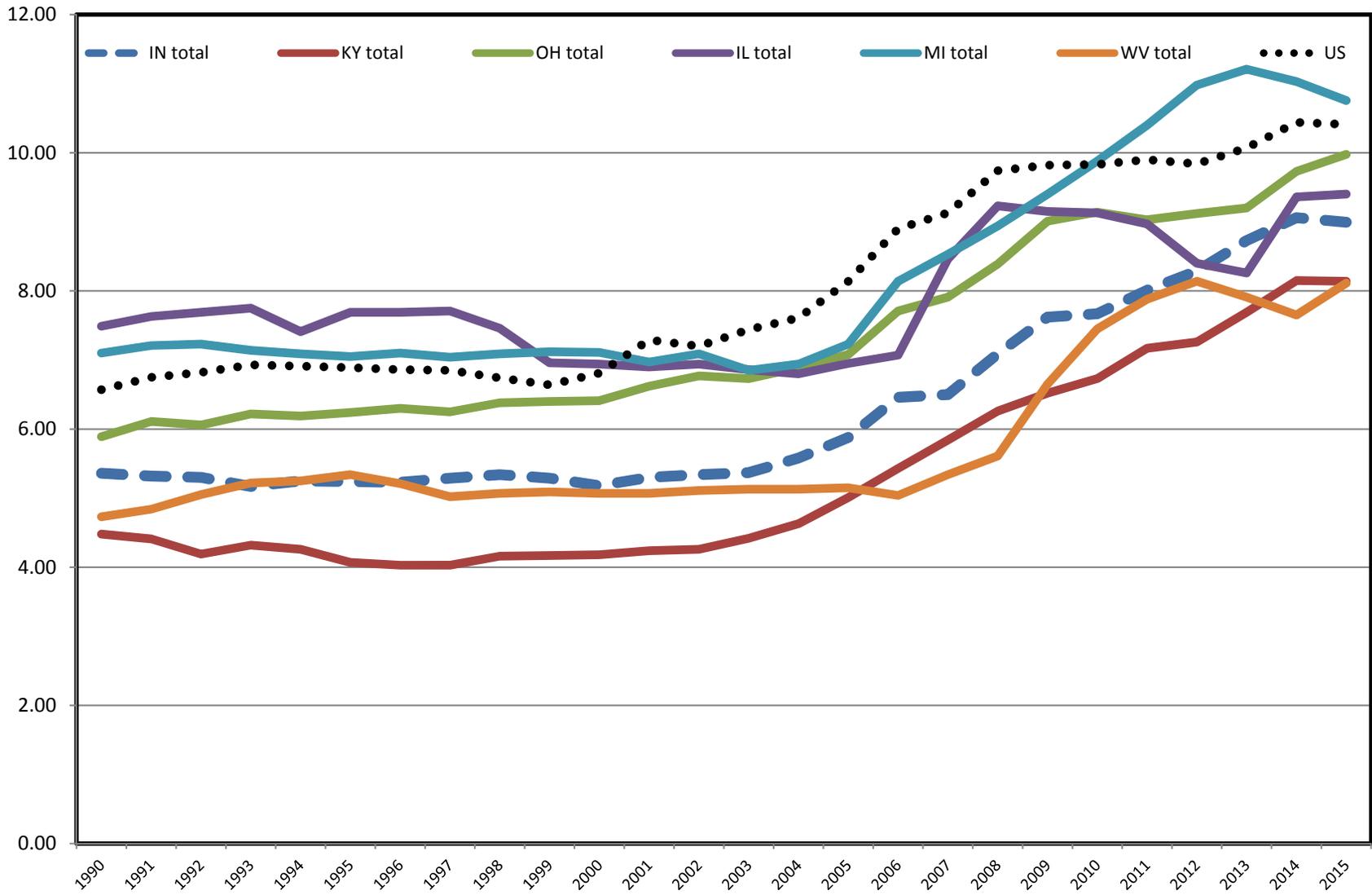


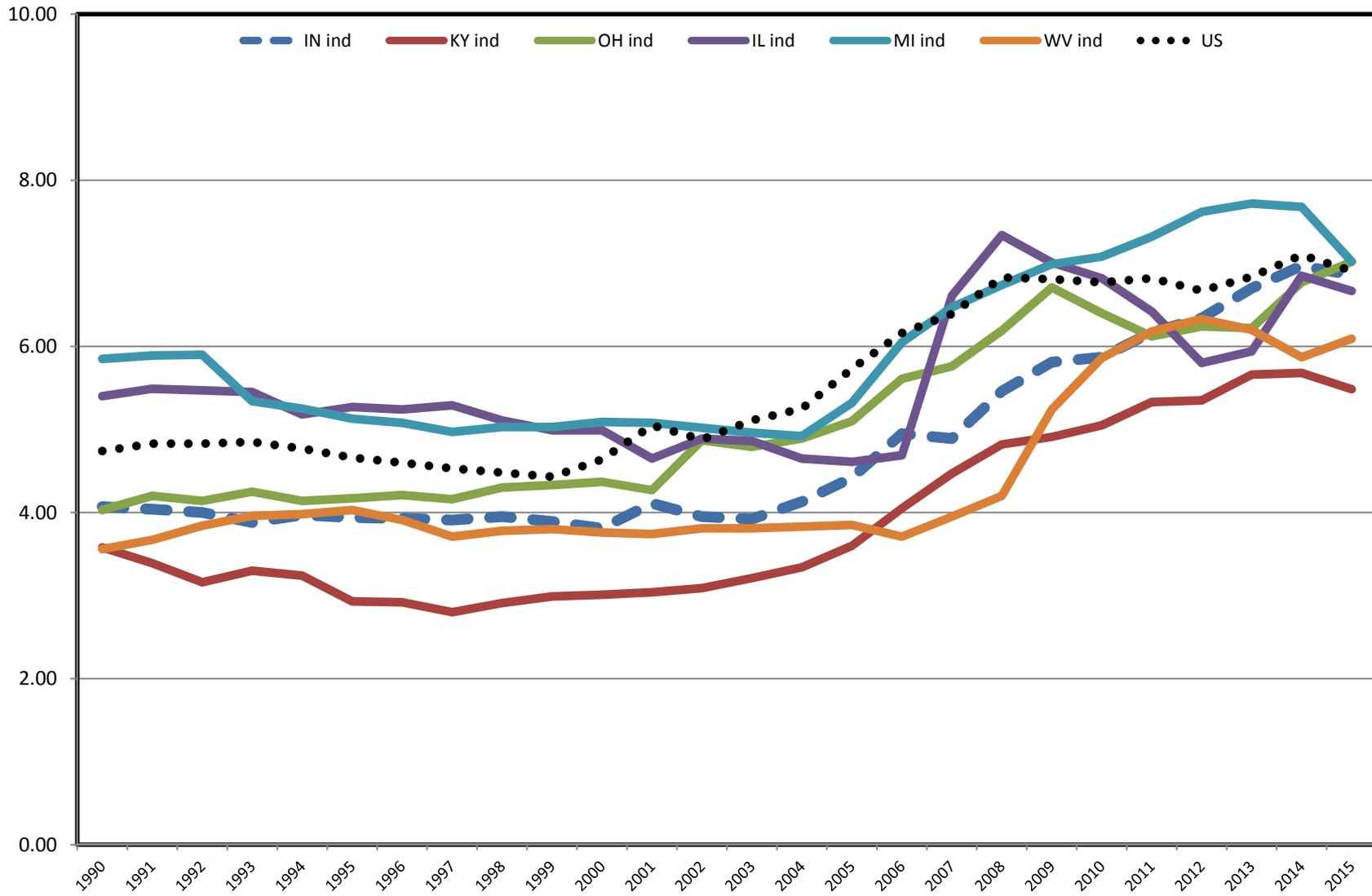
Figure 2  
Indiana and US Price by Rate Classification (cents/kWh)



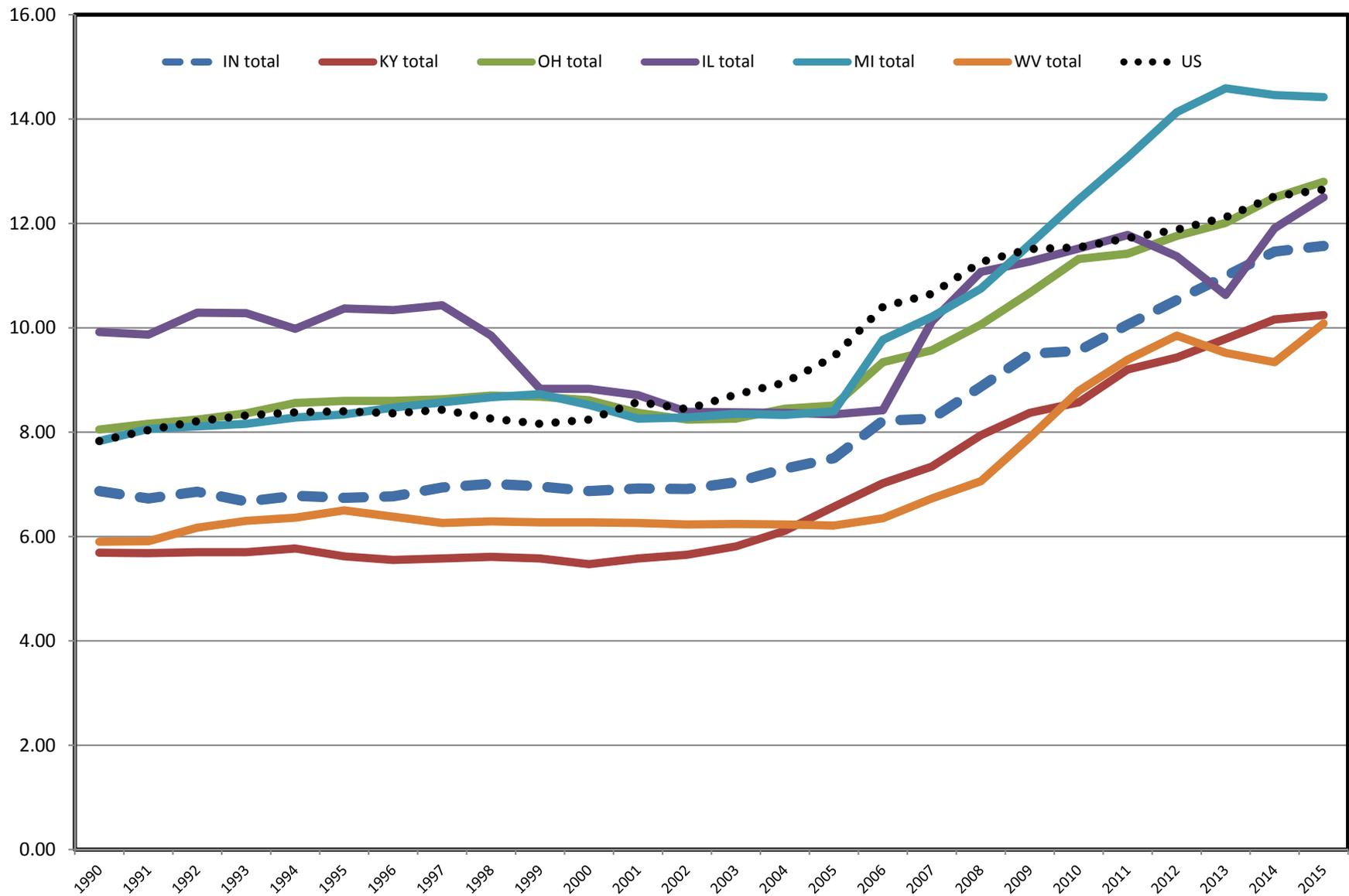
**Figure 3**  
**Average Retail Price by State (cents/kWh)**



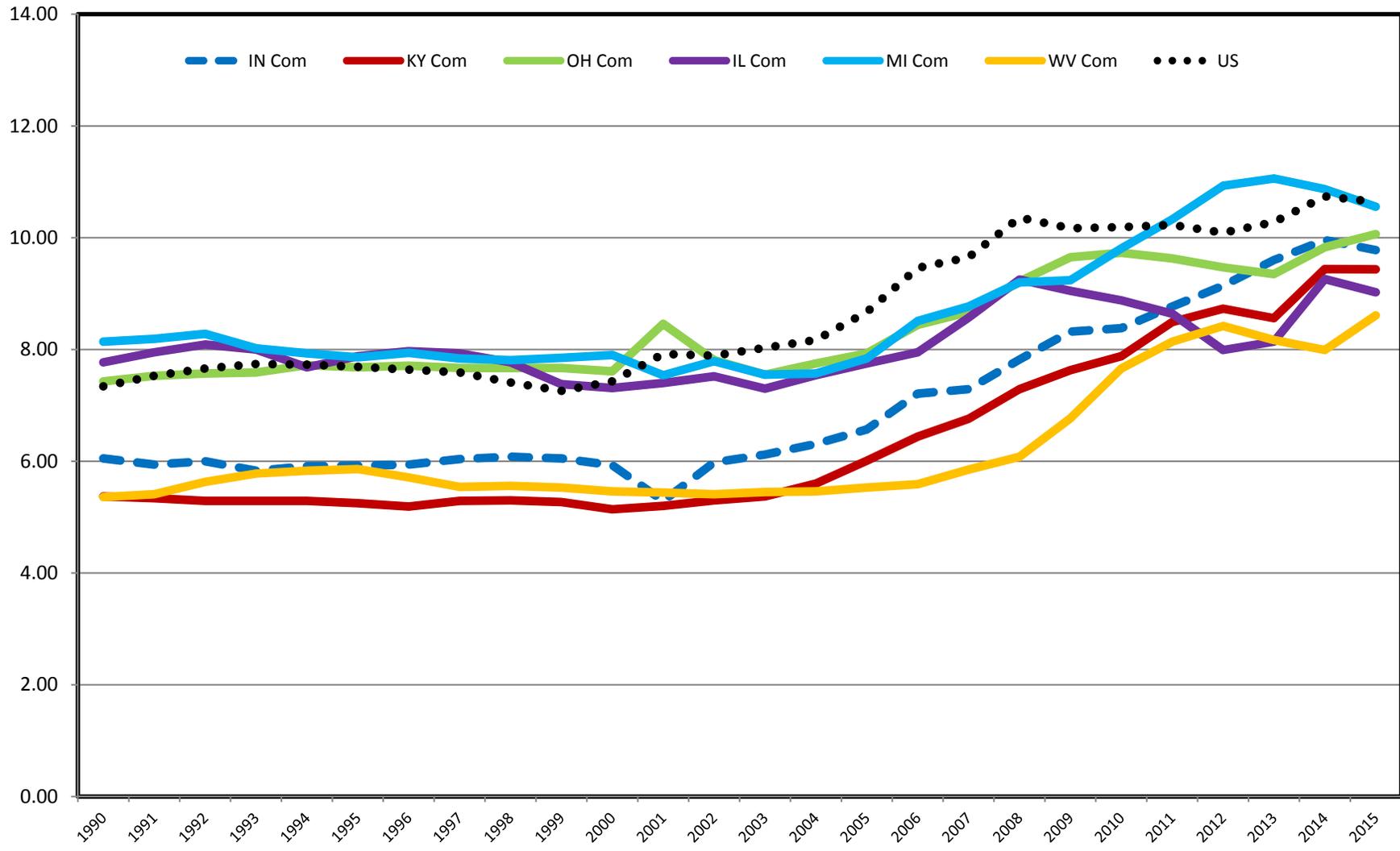
**Figure 4**  
**Industrial Classification Price by State (cents/kWh)**



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



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



**Table 1. Change in Average Price**

<b>Percent Change</b>				
	<b>Res</b>	<b>Com</b>	<b>Ind</b>	<b>Total</b>
<b>Indiana</b>				
<b>Last 10 years</b>	41%	36%	39%	39%
<b>Since 1990</b>	68%	62%	69%	68%
<b>US</b>				
<b>Last 10 years</b>	22%	12%	12%	17%
<b>Since 1990</b>	62%	45%	46%	58%
<b>Absolute Change (cents/kWh)</b>				
	<b>Res</b>	<b>Com</b>	<b>Ind</b>	<b>Total</b>
<b>Indiana</b>				
<b>Last 10 years</b>	3.35	2.57	1.91	2.53
<b>Since 1990</b>	4.70	3.73	2.79	3.63
<b>US</b>				
<b>Last 10 years</b>	2.25	1.18	0.75	1.51
<b>Since 1990</b>	4.82	3.30	2.17	3.84