



# POPULATION HEALTH

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# WHAT IS POPULATION HEALTH?

The distribution of  
health outcomes  
within a  
population

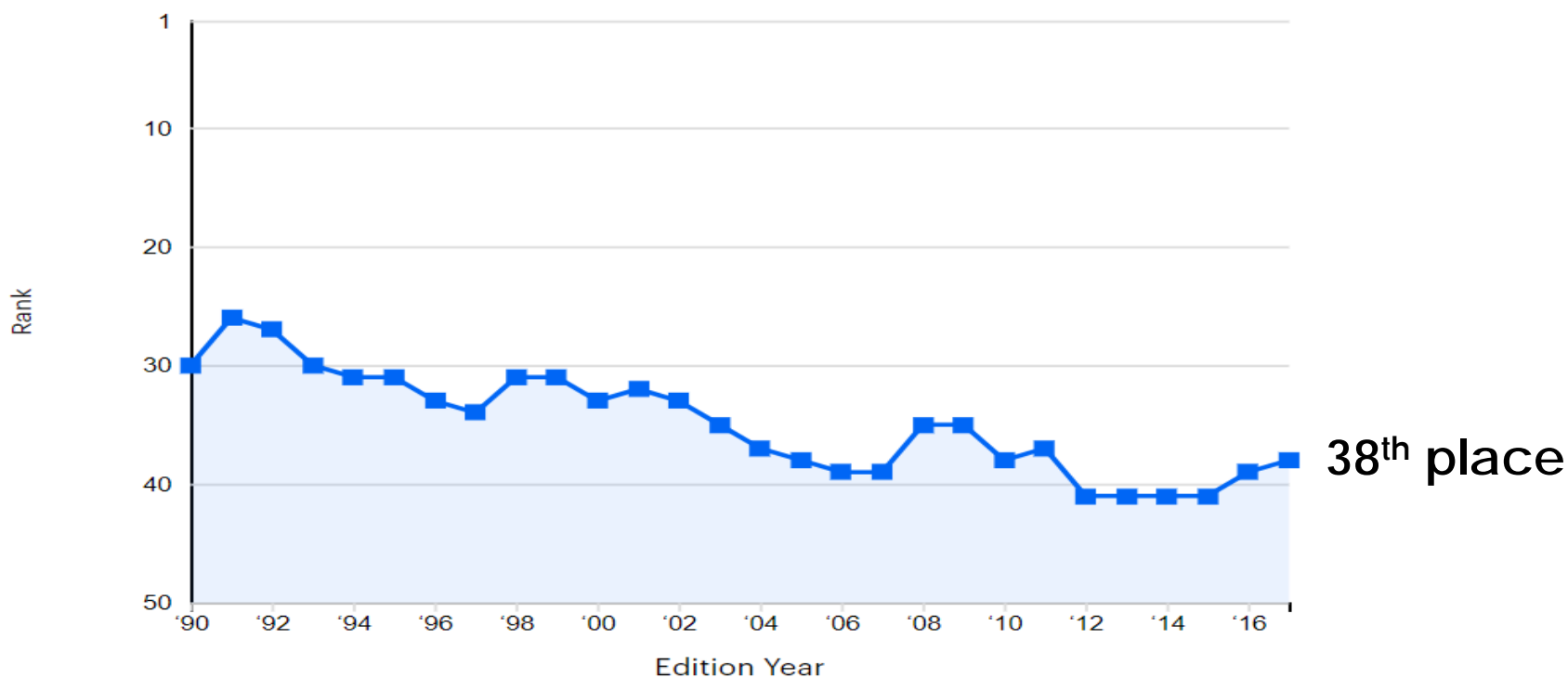
The policies and  
interventions that  
affect those  
factors

The range of personal,  
social, economic, and  
environmental factors that  
influence the distribution of  
health outcomes



# IN 2017, INDIANA RANKED 38<sup>TH</sup> IN OVERALL HEALTH

Trend: Overall, Indiana

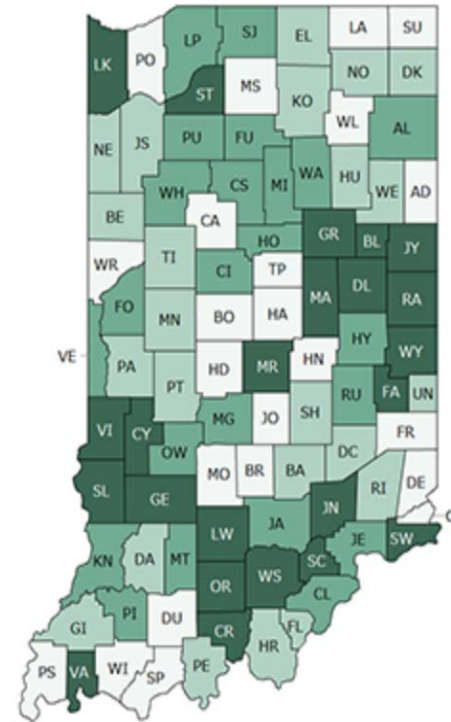


<https://www.americashealthrankings.org/explore/annual/measure/Overall/state/IN>



# INDIANA HEALTH BY COUNTY

The screenshot shows the website [www.countyhealthrankings.org/explore-health-rankings/reports/state-reports/2018/indiana](http://www.countyhealthrankings.org/explore-health-rankings/reports/state-reports/2018/indiana). The header includes the site name "County Health Rankings & Roadmaps" with the tagline "Building a Culture of Health, County by County". Navigation links include "Explore Health Rankings", "Take Action to Improve Health", and "Learn From Others". The breadcrumb trail is "Home » Rankings Reports » State Reports". The main content area features the title "2018 Indiana State Report" and a button to "DOWNLOAD FULL REPORT (PDF)".



Rank 1-23 Rank 24-46 Rank 47-69 Rank 70-92

Based on  
Life  
Expectancy  
and self  
reports of  
how people  
feel

<http://www.countyhealthrankings.org/explore-health-rankings/reports/state-reports/2018/indiana>





# HYPERTENSION

Adult Hypertension rate in Indiana (2017)

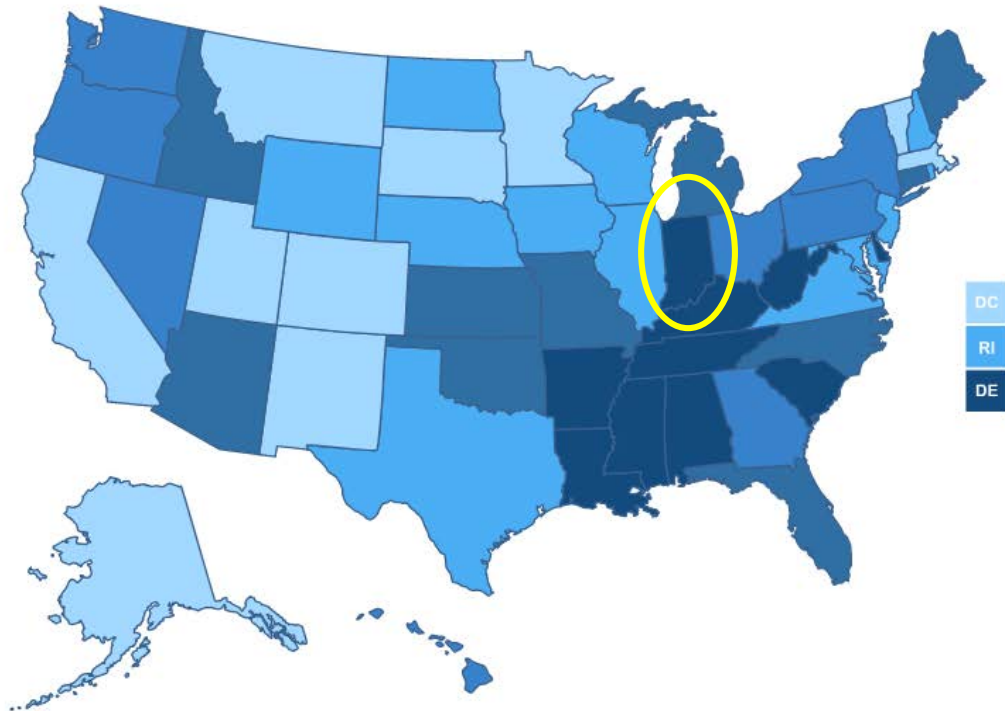
- 32.4%

Indiana's rank among states (2017)

- 29



Percentage of adults who reported having their cholesterol checked and were told by a health professional that it was high

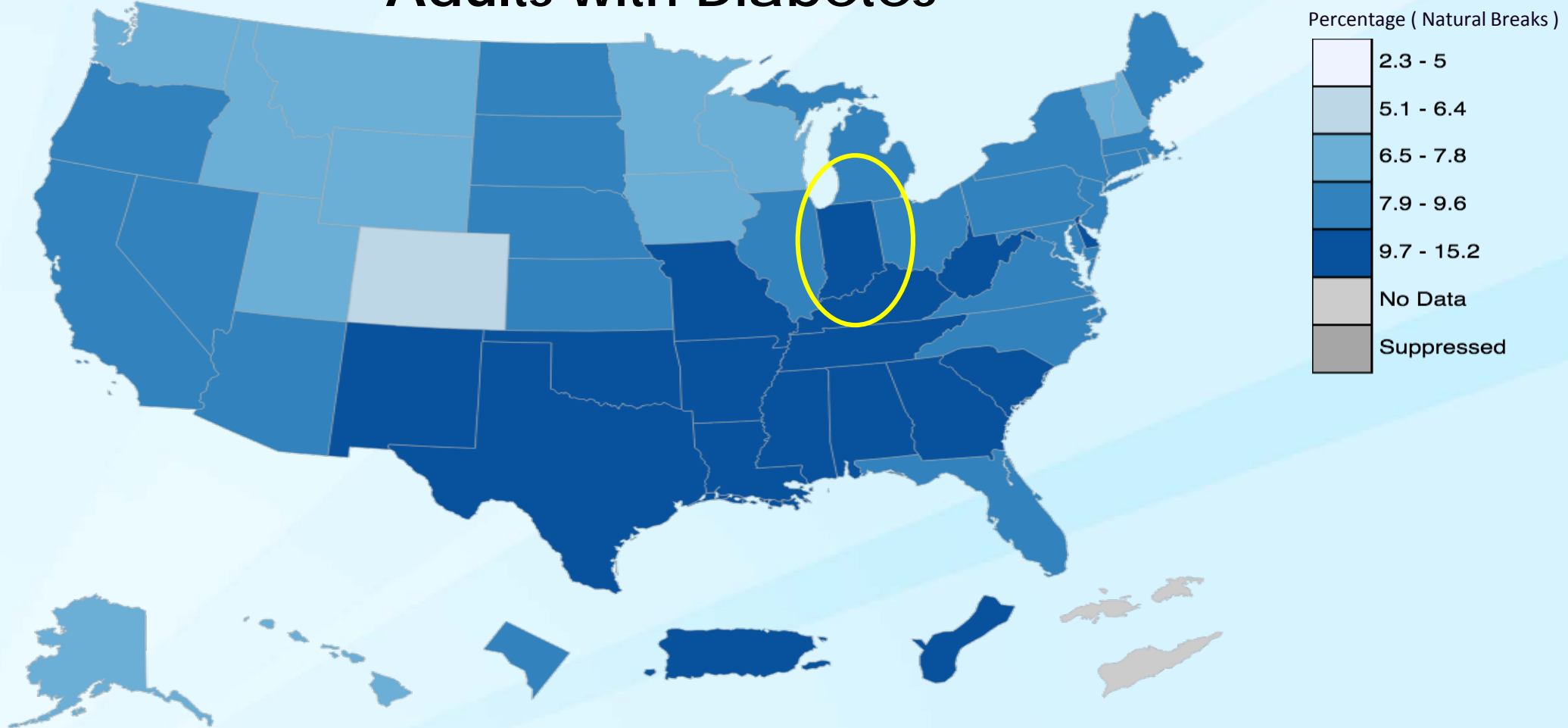


## HYPERLIPIDEMIA

In 2017, Indiana is ranked 44<sup>th</sup> in the nation with 39.1% of its population having Hyperlipidemia

<= 34.5%	34.6% - 36.1%	36.2% - 36.8%	36.9% - 38.5%
>= 38.6%			

# Adults with Diabetes



[www.cdc.gov/diabetes/data](http://www.cdc.gov/diabetes/data)

Source:

Disclaimer: This is a user-generated report. The findings and conclusions are those of the user and do not necessarily represent the views of the CDC.

National Center for Chronic Disease Prevention and Health Promotion

Division of Diabetes Translation



# DIABETES

2018 report, 10% of Marion county adults aged 20 and above have been diagnosed with diabetes.





# DIABETES

The medical expenditures  
of people with diabetes  
are approximately **2.3**  
**times higher** than  
expected costs if they did  
not have diabetes



# OBESITY

Indiana Ranked 40<sup>th</sup>

In 2017, Indiana's adult  
obesity rate was 32.5%,  
20.5% in 2000  
13.3% in 1990

\*<https://stateofobesity.org/states/in/> 2017

<https://www.americashealthrankings.org/learn/reports/2017-annual-report/state-summaries-indiana> 2017

EMPLOYERS' FORUM OF INDIANA



THANK YOU

# TOBACCO

Per the CDC, tobacco use remains the single largest preventable cause of death and disease<sup>+</sup>

Nearly 40 million US adults still smoke cigarettes, and about 4.7 million middle and high school students use at least one tobacco product, including e-cigarettes<sup>^</sup>

Since 1964, approximately 2,500,000 nonsmokers have died from health problems caused by exposure to secondhand smoke<sup>\*</sup>

<sup>+</sup> [https://www.cdc.gov/tobacco/data\\_statistics/fact\\_sheets/cessation/quitting/index.htm](https://www.cdc.gov/tobacco/data_statistics/fact_sheets/cessation/quitting/index.htm) 2017

<sup>^</sup> [https://www.cdc.gov/tobacco/data\\_statistics/index.htm](https://www.cdc.gov/tobacco/data_statistics/index.htm) 2017

<sup>\*</sup> [https://www.cdc.gov/tobacco/data\\_statistics/fact\\_sheets/secondhand\\_smoke/general\\_facts/index.htm](https://www.cdc.gov/tobacco/data_statistics/fact_sheets/secondhand_smoke/general_facts/index.htm) 2017





# HYPERTENSION - NATIONAL

About 75 million American adults (32%) have high blood pressure – that's 1 in every 3 adults

High blood pressure costs the nation \$48.6 billion each year. This includes the cost of health care services, medications to treat high blood pressure, and missed days of work

The estimated annual healthcare expenditure per person is **\$2,000 higher** for hypertensive individuals than their non-hypertensive peers



# OBESITY - NATIONAL

The prevalence of obesity was 39.8% and affected about 93.3 million of U.S. adults in 2015-2016

Data from 2015-2016 show that nearly 1 in 5 school age children and young people (6 to 19 years) in the United States has obesity

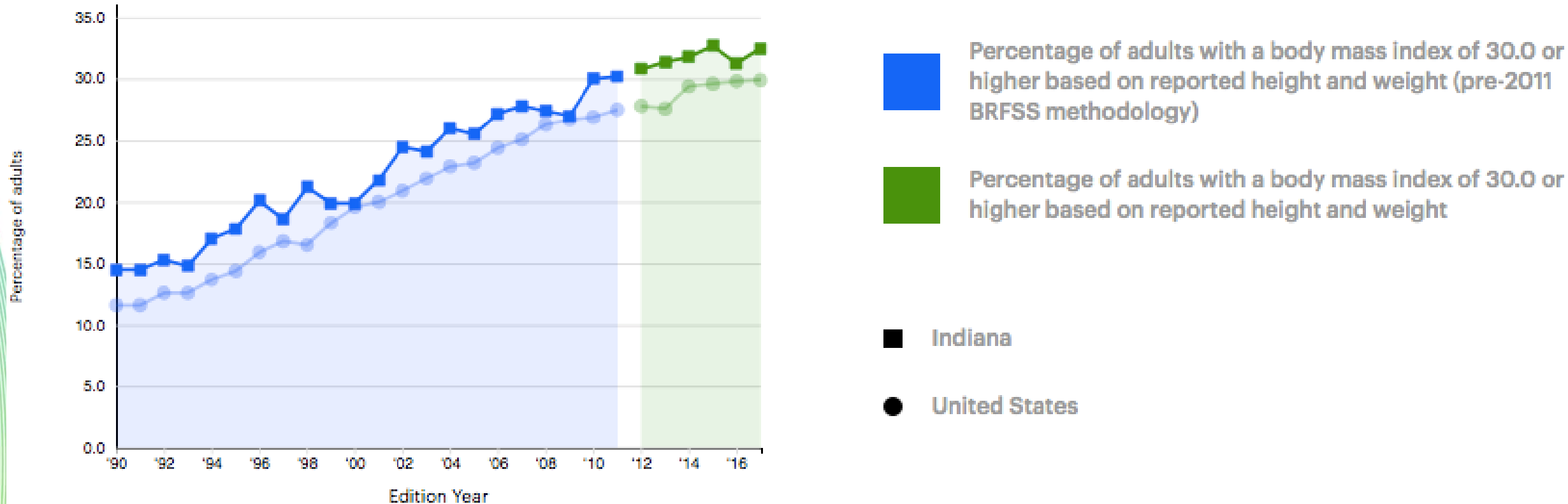
Incremental per capita cost for individuals with obesity is **42.7% greater** than the cost of normal weight individuals\*

<https://www.cdc.gov/obesity/data/adult.html> 2018

\* <https://www.ncbi.nlm.nih.gov/pubmed/23731873> 2013



# OBESITY – NATIONAL VS. STATE



# DIABETES - NATIONAL

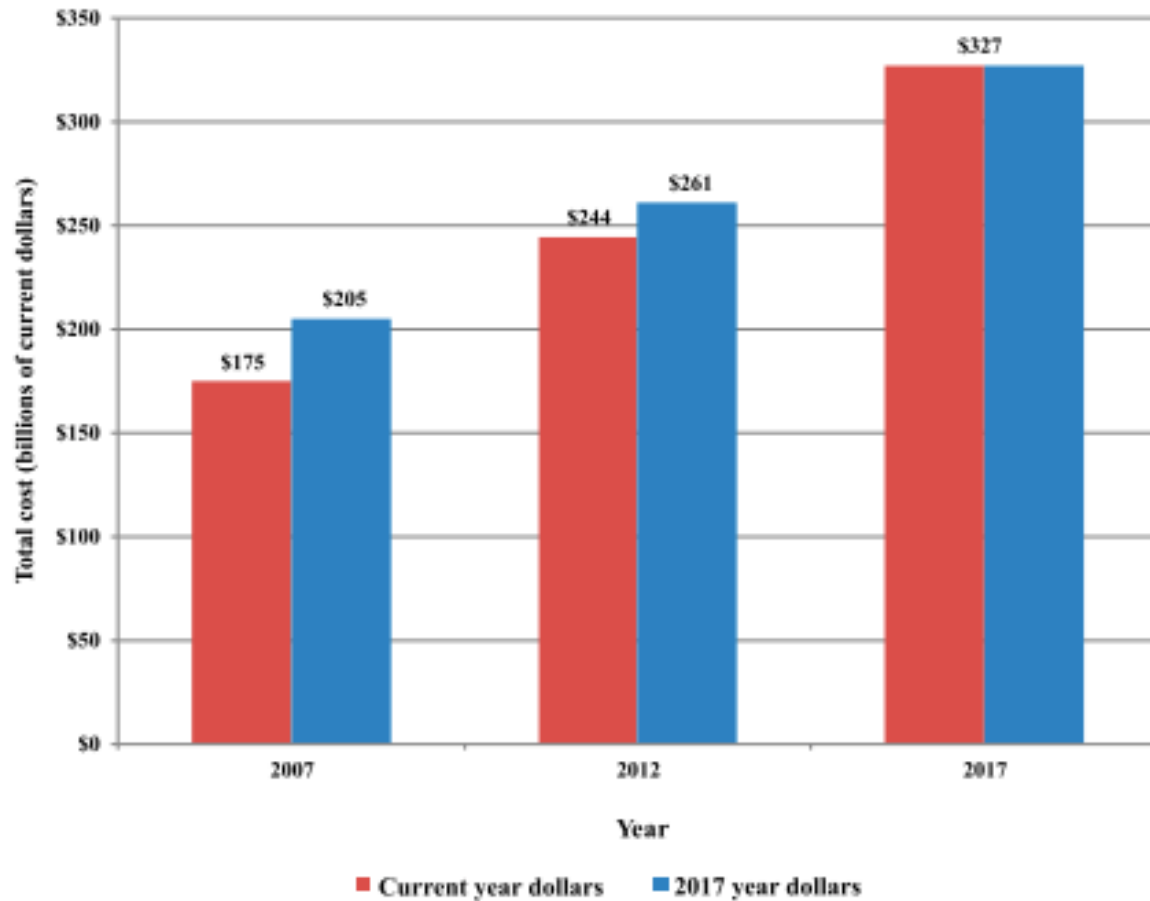


Figure 4—Total economic cost of diabetes, 2007–2017.

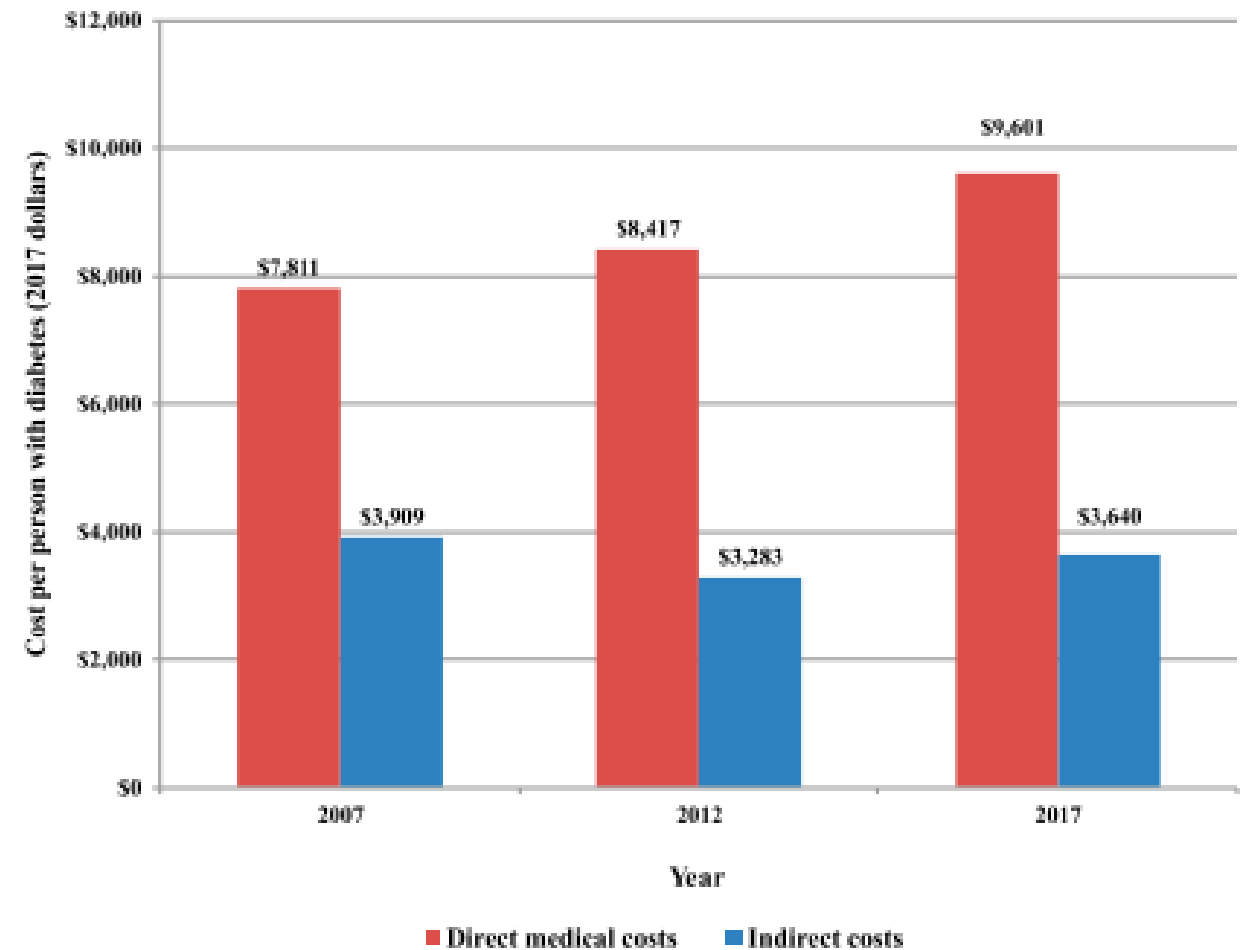


Figure 5—Average cost of diabetes, 2007–2017 (in 2017 dollars).



# DIABETES - NATIONAL

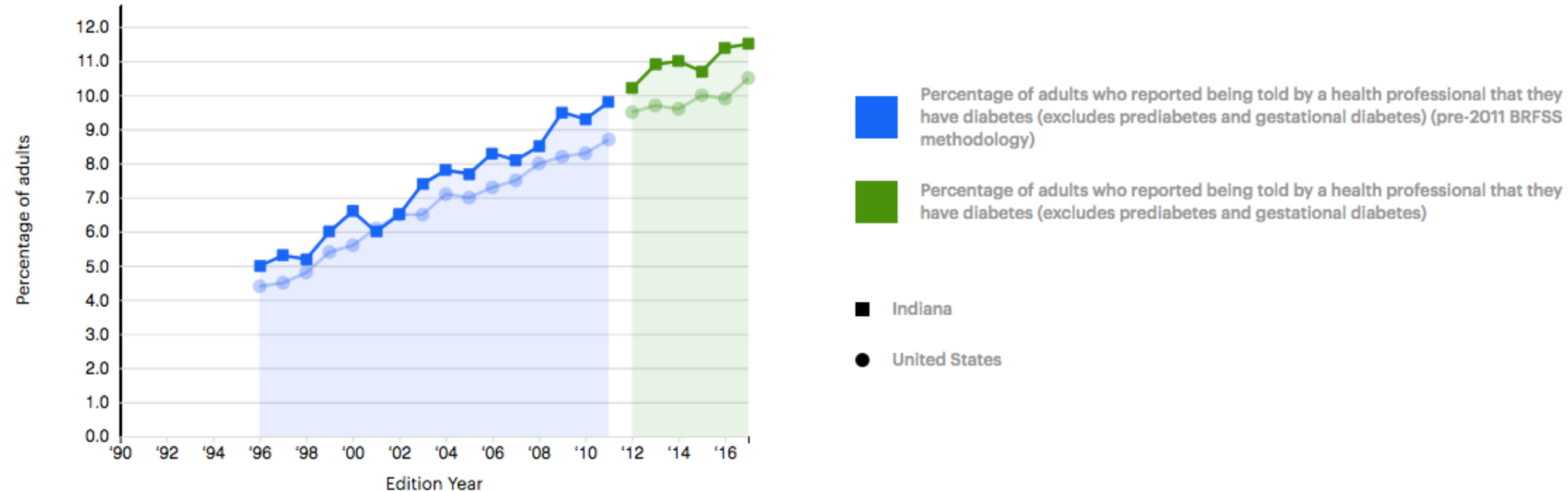
**Table 6—Indirect burden of diabetes in the U.S., 2017 (in billions of dollars)**

Cost component	Productivity loss	Total cost attributable to diabetes (\$)	Proportion of indirect costs*
Work days absent	14 million days	3.3	3.7%
Reduced performance at work	114 million days	26.9	29.7%
Reduced productivity days for those not in labor force	14 million days	2.3	2.6%
Reduced labor force participation due to disability	182 million days	37.5	41.7%
Mortality	277,000 deaths	19.9	22.1%
Total		89.9	100%

Data source: analysis of the NHIS (2014–2016), CPS (2016), CDC mortality data, and U.S. Census Bureau population estimates for 2016 and 2017. \*Numbers do not necessarily sum to totals because of rounding.



# DIABETES – NATIONAL VS. STATE



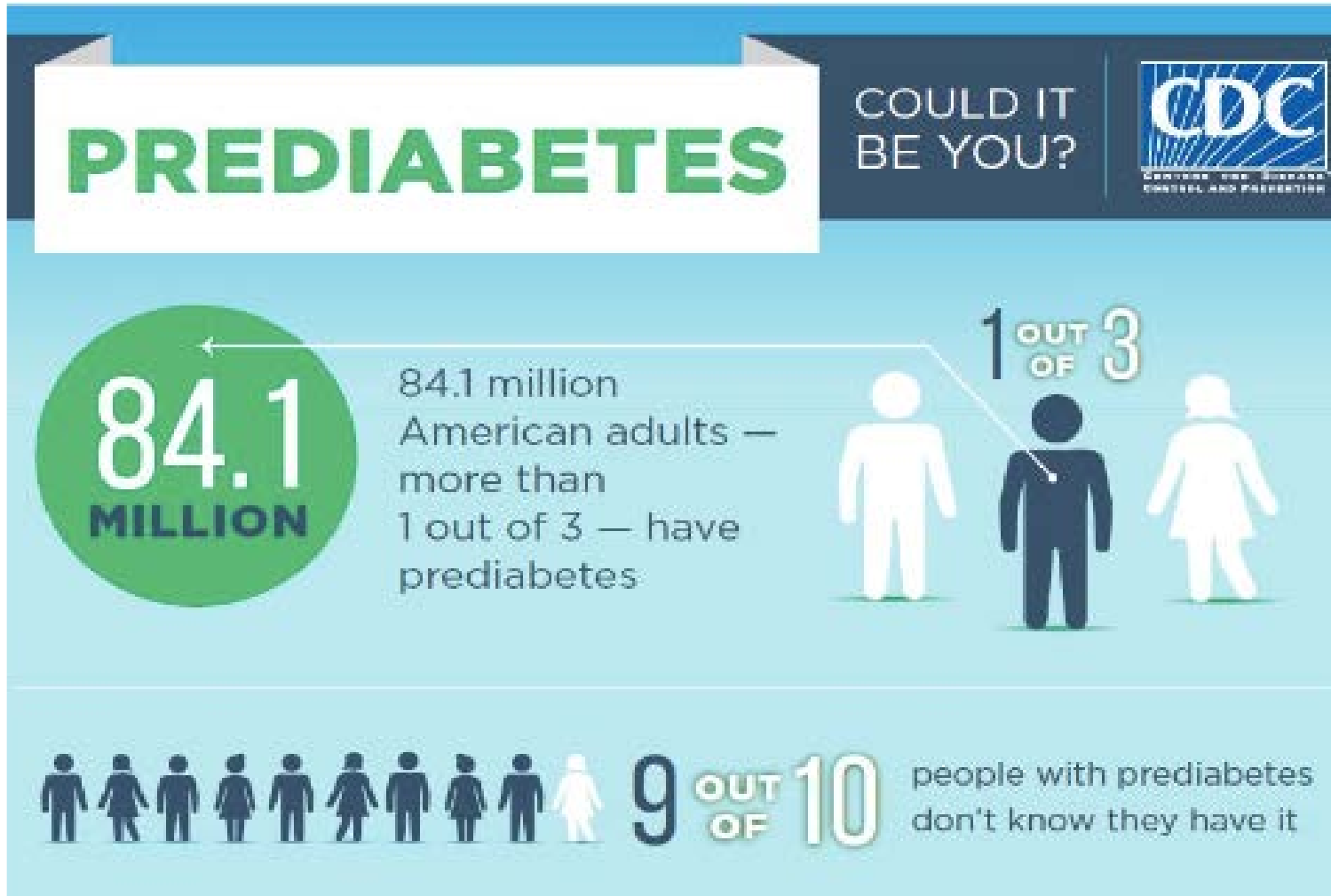
# WHAT IS PREDIABETES?

Before individuals develop type 2 diabetes, they typically develop prediabetes – blood glucose levels higher than normal but not yet high enough to be diagnosed as diabetes

This condition puts you at a higher risk for developing type 2 diabetes and cardiovascular disease



# PREDIABETES - STATE



According to the 2014 Behavioral Risk Factor Surveillance System (BRFSS), they are estimating that at least 7.7% of Indiana adults were told by a doctor or other health professional that they have prediabetes