

An aerial view of a city, likely Indianapolis, with a network overlay of white lines and circles connecting various points across the cityscape. The background is a light blue tint.

# MANAGEMENT PERFORMANCEHUB

## Overview of Indiana MPH

Josh Martin

Indiana Chief Data Officer

# Our Mission

The Indiana Management Performance Hub (MPH) provides analytics solutions tailored to address complex management and policy questions enabling **improved outcomes for Hoosiers.**

We empower our partners to leverage data in innovative ways, facilitating **data-driven decision making** and **data-informed policy making.**

MANAGEMENT  
PERFORMANCEHUB

# Indiana Chief Data Officer

The Chief Data Officer (CDO) was established as part of IC 4-3-26.

## About CDO role

- Executive Director of MPH
- Advises executive state agencies and political subdivisions regarding state best practices concerning the creation and maintenance of data.
- Coordinates data analytics and transparency master planning for the executive state agencies and provides leadership regarding state data analytics and transparency.



# MPH Statute IC 4-3-26

## Data Driven Government

Sec. 10. The MPH shall do the following:

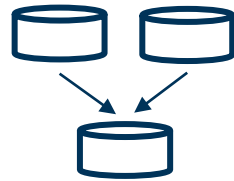
(1) Establish and maintain a program to collect, analyze, and exchange government information in carrying out the powers and duties of the OMB and the powers and duties of the executive state agency sharing the data. In carrying out this program, the MPH may, in accordance with IC 4-1-6, obtain government information from each executive state agency.

# MPH: Your Data Partner

MPH is positioned as the State of Indiana's hub for data-driven innovation and collaboration.



Understand how challenges intersect.



Integrate disparate datasets.



Leverage technology.



Convene government agencies and community partners.



# MPH: Your Data Partner



We want to **share data** and **insights**.



We want to **break down barriers**.







We want to be your **partner** in innovation.

# Indiana Data Hub

The screenshot shows the Indiana Data Hub website. At the top left is the 'IN.gov' logo and 'MANAGEMENT PERFORMANCEHUB'. The top right navigation bar includes 'HOME', 'DATASETS', 'ORGANIZATIONS', 'GROUPS', 'ABOUT', and 'LOG IN'. The main content area features a 'Welcome to the Indiana Data Hub' heading, a paragraph explaining the hub's purpose, a search bar labeled 'Search datasets', and a row of popular tags: COVID-19, Coronavirus, Pandemic, ISDH, FSSA, OB Navigator, Maternal and Child Health, Datapalooza, Medicaid, DWD, and Transparency. The background is a city skyline at night with glowing data arcs.

### Current Topics

 Demographics	 Education and Workforce	 Government Transparency
 Health	 Public Safety	<b>190+</b> <b>datasets</b>



## How is the data organized?

- Developed using the CKAN open-source platform
- Provides self-service web-based access to valuable information maintained by Indiana State Government
- Available as CSV and/or PDF files



[hub.mph.IN.gov](https://hub.mph.IN.gov)  
Indiana Data Hub

# MPH Technical Platform

Data Catalog  
Data Warehousing  
Data Governance  
Analytics

Open Data  
Data Visualization  
Reference Data  
MPH Tools

**SAP HANA for database management**  
**Tableau – Business Intelligence**  
**CKAN – Indiana Data Hub**  
**Enhanced Research Environment**



# Indiana's Medicaid Optimization

Indiana FSSA houses Medicaid and service-related data for the 2 million Hoosiers registered for the program.

Knowing the potential value that could be realized by broader availability of Medicaid claims data, FSSA partnered with MPH to identify the Medicaid claims data's highest-value components, de-identify the data for public use, and ultimately make the de-identified data available to researchers and healthcare providers.



# Indiana's Medicaid Optimization

Medicaid Optimization unlocks the potential of Indiana Medicaid claims data, allowing researchers and providers to evaluate policy impacts across three primary categories: members, providers and claims.



Solve complex, multi-faceted challenges related to healthcare in the State of Indiana



Work with organizations to understand how the data might be used and release secure datasets to the public to fill those needs and beyond.



Leverage existing processes to identify and populate the partner portals with high value, partially de-identified Medicaid datasets

# Medicaid Data User Stories

## ESKENAZI HEALTH

**Eskenazi Health** combined the newly available Medicaid datasets with existing patient records and identified respiratory health and mental health as two key drivers of emergency room use.

### **Central Indiana Regional Transportation Authority (CIRTA)**

operates the County Connect program to help Central Indiana residents—including seniors and people with disabilities—travel across county lines. Medicaid data helps CIRTA better understand how to bridge gaps in transportation offerings as well as optimize reimbursement rates.



**The City of Fishers** works with several regional municipalities and state agencies to effect changes in mental health policy. Using the Indiana Medicaid data, Fishers was better able to analyze and communicate to stakeholders the size and geographic concentrations of the area's mental health population, the costs associated with their care, and the providers serving them.

# Indiana's COVID-19 Response

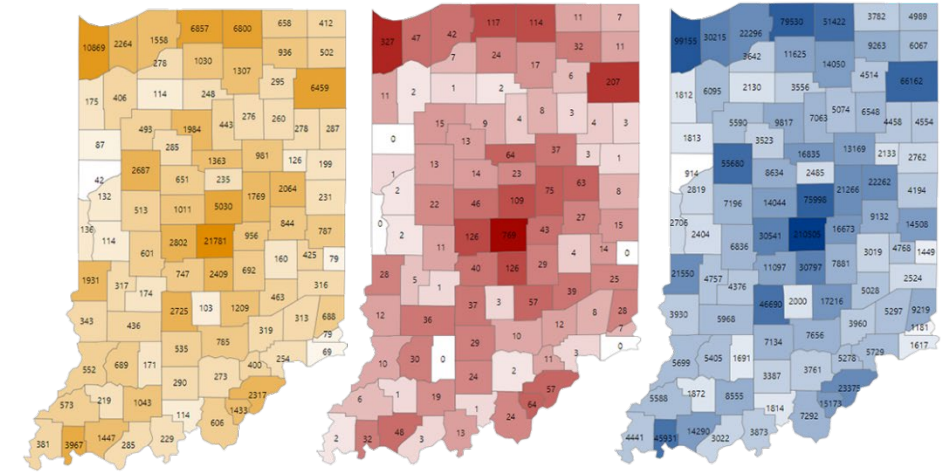
## COVID-19 Prevalence Study with Fairbanks School of Public Health

- First statewide random sample study in nation
- Created population-level dataset

## COVID-19 Data

- Build and manage daily dashboards
- Host datasets on Indiana Data Hub for researchers

## Vaccine Outreach and Communications support

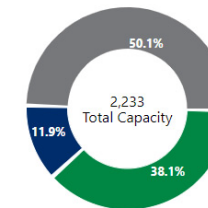


Today's Statewide ICU Bed Usage

**50.1%**  
ICU Beds in Use - Non-COVID

**11.9%**  
ICU Beds in Use - COVID

**38.1%**  
ICU Beds Available

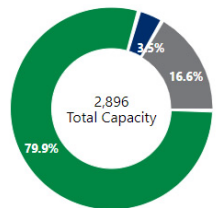


Today's Statewide Ventilator Usage

**16.6%**  
Ventilators in Use - Non-COVID

**3.5%**  
Ventilators in Use - COVID

**79.9%**  
Ventilators Available





# The Fairbanks Study

- First statewide random sample study in nation
- Four Phases
- Population generation
- Results

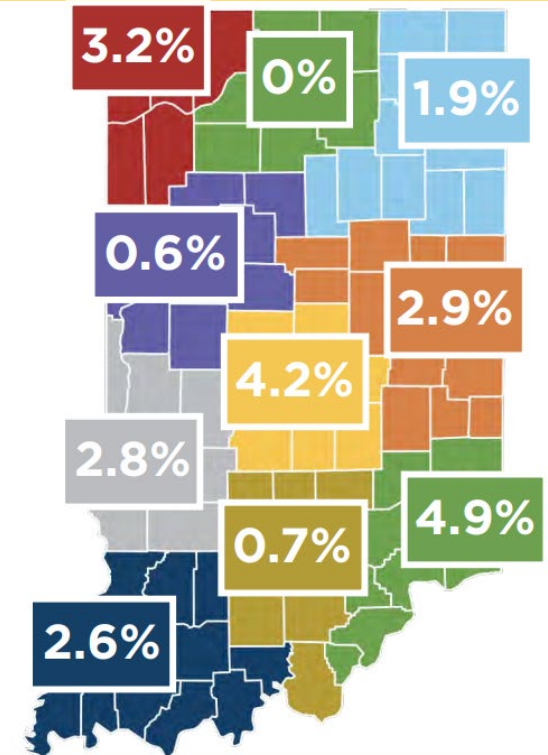


[fsph.iupui.edu/coronavirus/](https://fsph.iupui.edu/coronavirus/)

Richard M. Fairbanks School of Public Health at IUPUI



## Population Prevalence Rate by District



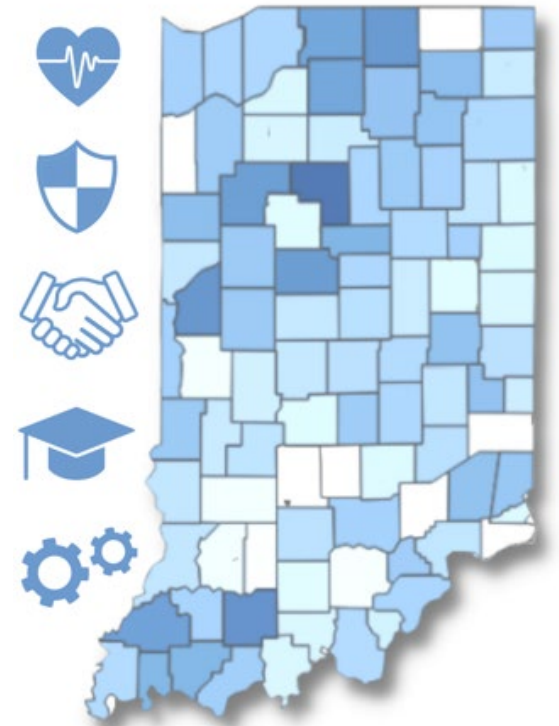
#backontrack

# Indiana Equity Data Portal

## Background

August 18, 2020: Governor Eric Holcomb address: True Equality and Equity leads to Opportunity for All

- Creates Governor's Cabinet position of Chief Equity, Inclusion and Opportunity Officer (CEIOO)
- Directs MPH to create a "Public Disparity Data Portal" to show how our state programs are working
- Karrah Herring begins as Indiana CEIOO on February 1, 2021
- Equity Data Portal goes online Fall 2021



# Indiana Equity Data Portal

## Background

### State Partners

- Department of Child Services (DCS)
- Department of Health (IDOH)
- Family Social Services Administration (FSSA)
- Indiana State Police (ISP)
- Department of Correction (DOC)
- Department of Education (DOE)
- Commission for Higher Education (CHE)
- Department of Workforce Development (DWD)
- Management Performance Hub (MPH)

### Categories



**Health**



**Public Safety**



**Social  
Services**



**Education**



**Workforce  
Development**

# Indiana Equity Data Portal

## Equity Data Portal Dashboards

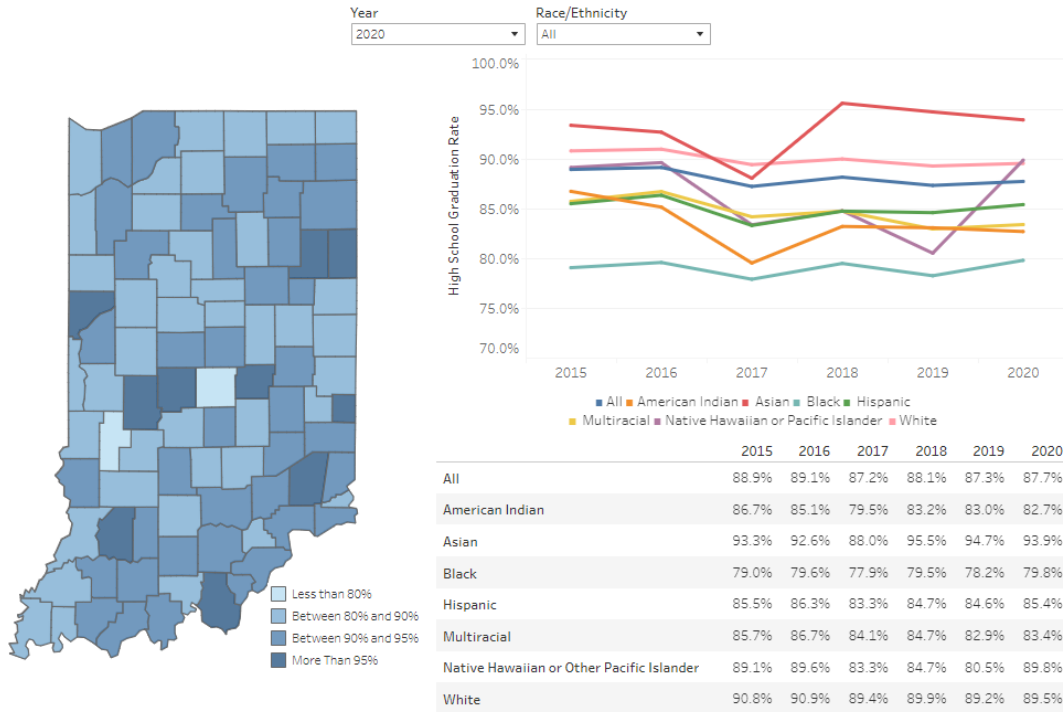


[IN.gov/equity/data-portal/](https://IN.gov/equity/data-portal/)

High School Graduation Rate | Educational Attainment | Data Notes

### High School Graduation Rate

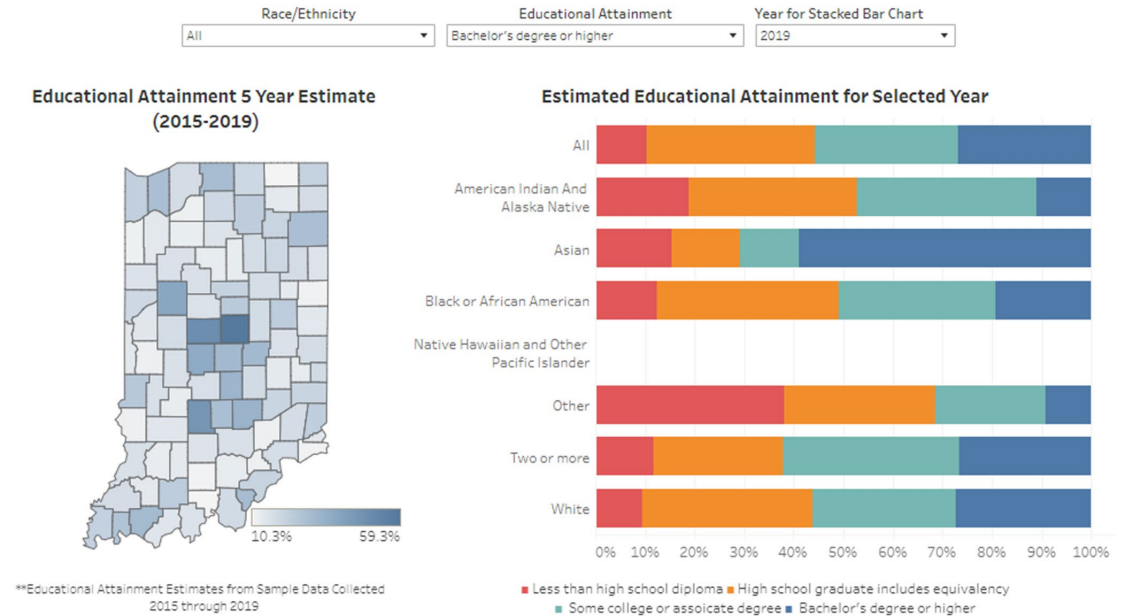
- The map below highlights high school graduation rates by race/ethnicity at the county level. Use the Year and Race/Ethnicity filters to adjust the heatmap.  
 - The graduation rate is the percent of students that graduate within four years of starting high school.



High School Graduation Rate | Educational Attainment | Show More Information

### Educational Attainment

- The map below highlights educational attainment estimates by race/ethnicity at the county level. The stacked bar charts show statewide estimate data. Use the Educational Attainment and Race/Ethnicity filters to adjust the heatmap. Use the Year filter to adjust the stacked bar charts.  
 - To address data challenges due to small sample sizes, the heatmap utilizes estimated 5-year averages (from 2015 through 2019) to show data at the county level. The stacked bar charts utilize 1-year estimates to show data at the statewide level. Because of this difference, the numbers will not align between the heatmap and stacked bar charts.  
 - These visualizations show the percent of the total population aged 25+ within each racial category that has achieved the selected level of attainment.  
 - The below visualizations show educational attainment for the total population aged 25 and older as reported by the American Community Survey 1 and 5 year estimates. Using a different methodology, the Lumina Foundation's *A Stronger Nation* report highlights the percent of 25-64 year-olds that have earned an associate degree or higher. To see a breakdown of the numbers reported by the Lumina Foundation hover [HERE](#).



\*\*Educational Attainment Estimates from Sample Data Collected 2015 through 2019



# **The Education Workforce Data System (EWD): Indiana's SLDS**

Data combined across partner agencies to **answer key questions about the education to workforce pipeline.**

EWD helps policymakers, program administrators, educators, employers, and other stakeholders **make data-informed decisions to take actions that improve outcomes and facilitate research to improve policies and service provision.**

# EWD: Agency Partners

## Partner agencies include



INDIANA COMMISSION *for*  
HIGHER EDUCATION



INDIANA  
DEPARTMENT OF  
**WORKFORCE**  
DEVELOPMENT



# High School Graduates Employment Outcomes Dashboard

## HEA 1549 (2021)

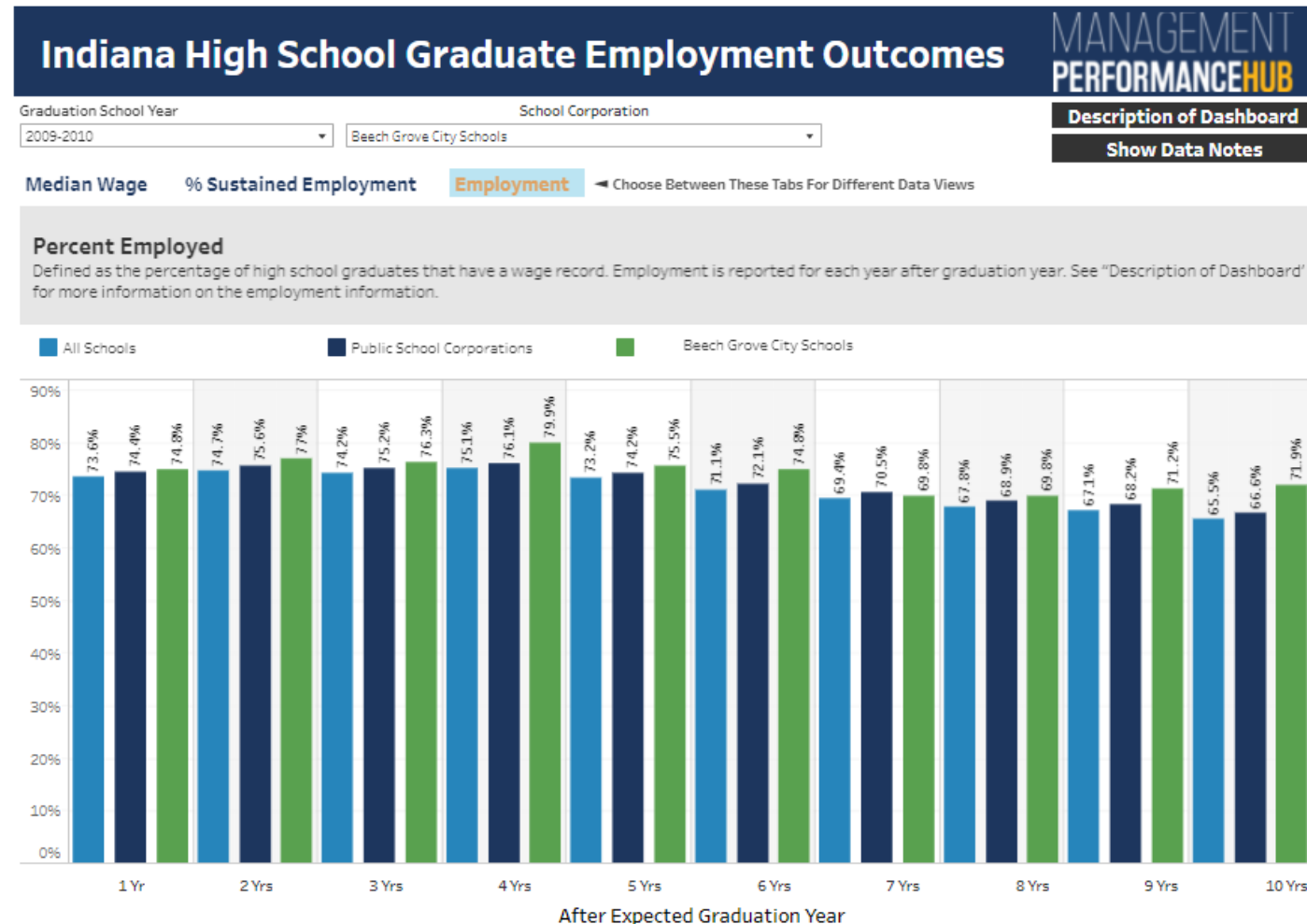
Partnership between MPH, Indiana Department of Education, and Indiana Department of Workforce Development *to better understand the education-workforce pipelines in Indiana*



[HS Graduates Employment Outcomes Dashboard](#)  
Scan QR Code

# High School Graduates Employment Outcomes Dashboard

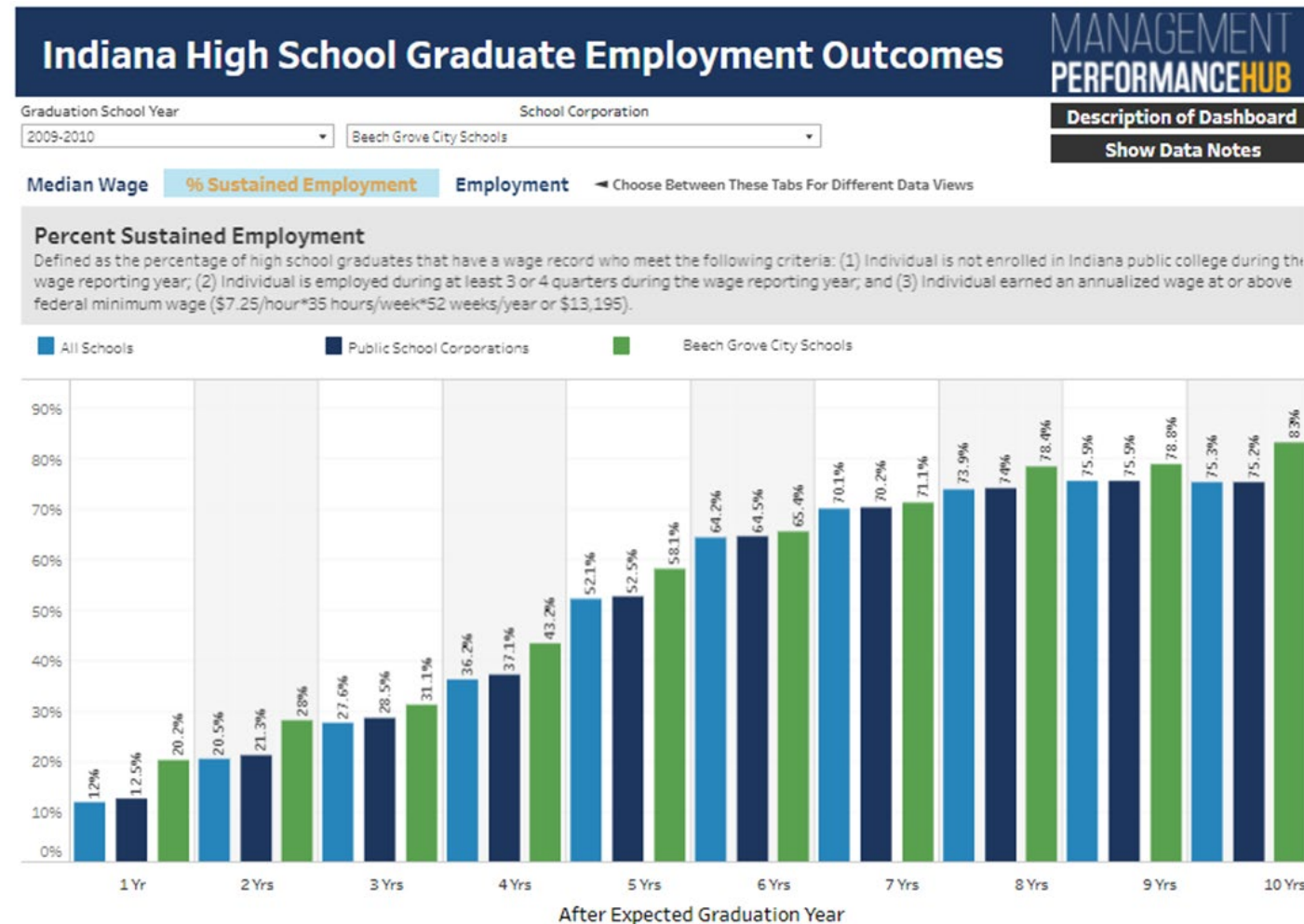
- 3 views, showing 3 metrics associated with post HS graduate employment outcomes
  - Employment**
  - Sustained Employment
  - Median Wage





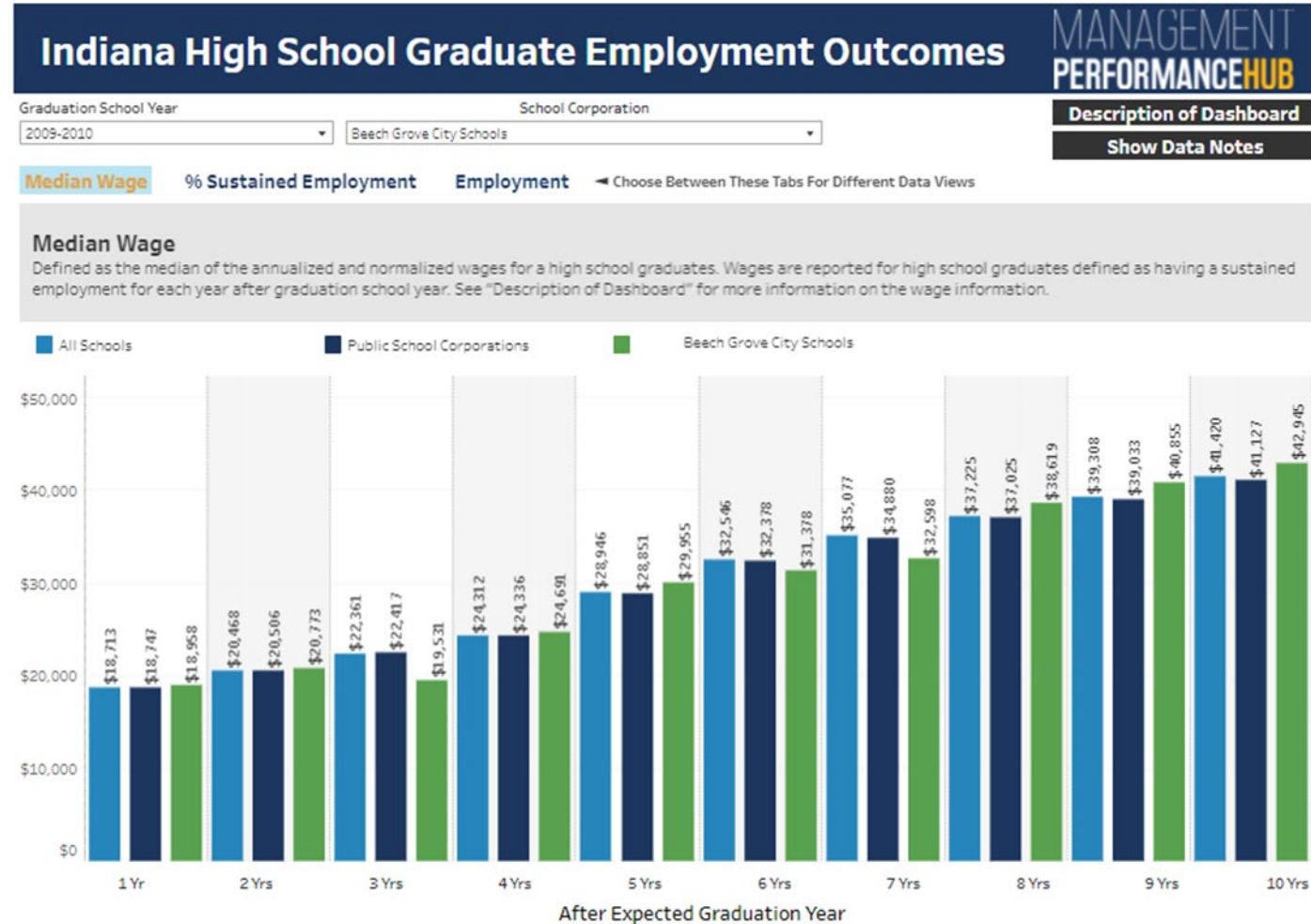
# High School Graduates Employment Outcomes Dashboard

- 3 views, showing 3 metrics associated with post HS graduate employment outcomes
  - Employment
  - **Sustained Employment**
  - Median Wage



# High School Graduates Employment Outcomes Dashboard

- 3 views, showing 3 metrics associated with post HS graduate employment outcomes
  - Employment
  - Sustained Employment
  - **Median Wage**



# Career and Technical Education (CTE) Employer Connect Tool

Partnership between the MPH and the Governor's Workforce Cabinet *to align the talent pipeline from CTE to Employer workforce needs.*

Indiana  
Department of Education

Career and Technical Education Employer Connect

MANAGEMENT PERFORMANCE HUB  
GOVERNOR'S WORKFORCE CABINET

Select CTE Concentrator Type  
 Senior CTE Concentrators  
 Total CTE Concentrator

Search by Zip Code  
Enter a Zip Code

Set Maximum Distance

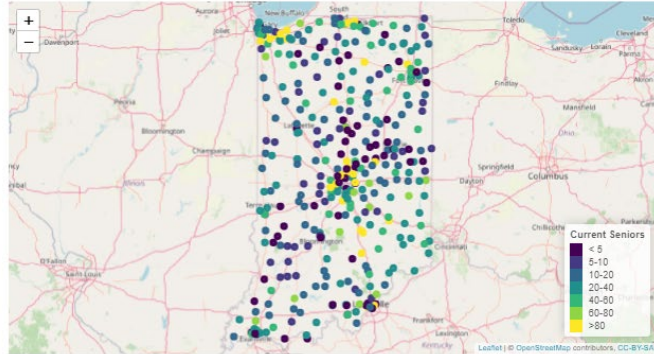
Search by Geographic Location  
Select an Economic Growth Region  
(All)

Select a County  
(All)

Search by Program  
Select a Career Pathway  
(All)

Reset Filters

Request Student Contact Information



Current Seniors  
Legend: < 5, 5-10, 10-20, 20-40, 40-80, 80-80, > 80

School	Address	Phone	Current Senior Enrollment
1 Portage High School	8450 US Hwy 8, Portage, IN 46388	(219) 764-8028	198
2 Hobart High School	2211 E Tenth St, Hobart, IN 46342	(219) 942-8821	189
3 Columbus North High School	1400 25th St, Columbus, IN 47201	(812) 376-4432	180
4 Walker Career Center	9851 E 21st St, Indianapolis, IN 46229	(317) 632-6160	177
5 Pike High School	5401 W 71st St, Indianapolis, IN 46288	(317) 291-5280	174



[CTE Employer Connect Tool](#)

Scan QR Code

# CTE Employer Connect Tool

Employers can search geographies and CTE pathway to see data on graduating students

Employers can request access to students contact information based on their search criteria

Indiana DEPARTMENT OF EDUCATION

Career and Technical Education Employer Connect

MANAGEMENT PERFORMANCE HUB GOVERNOR'S WORKFORCE CABINET

Select CTE Concentrator Type  
 Senior CTE Concentrators  
 Total CTE Concentrator

Search by Zip Code  
Enter a Zip Code  
46250

Set Maximum Distance  
5 20 50

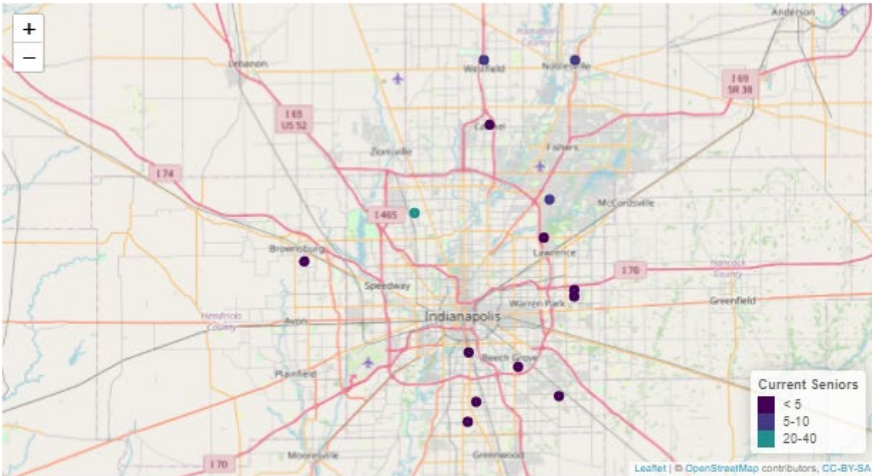
Search by Geographic Location  
Select an Economic Growth Region  
(All)

Select a County  
(All)

Search by Program  
Select a Career Pathway  
Computer Science

Reset Filters

Request Student Contact Information



Current Seniors  
< 5  
5-10  
20-40

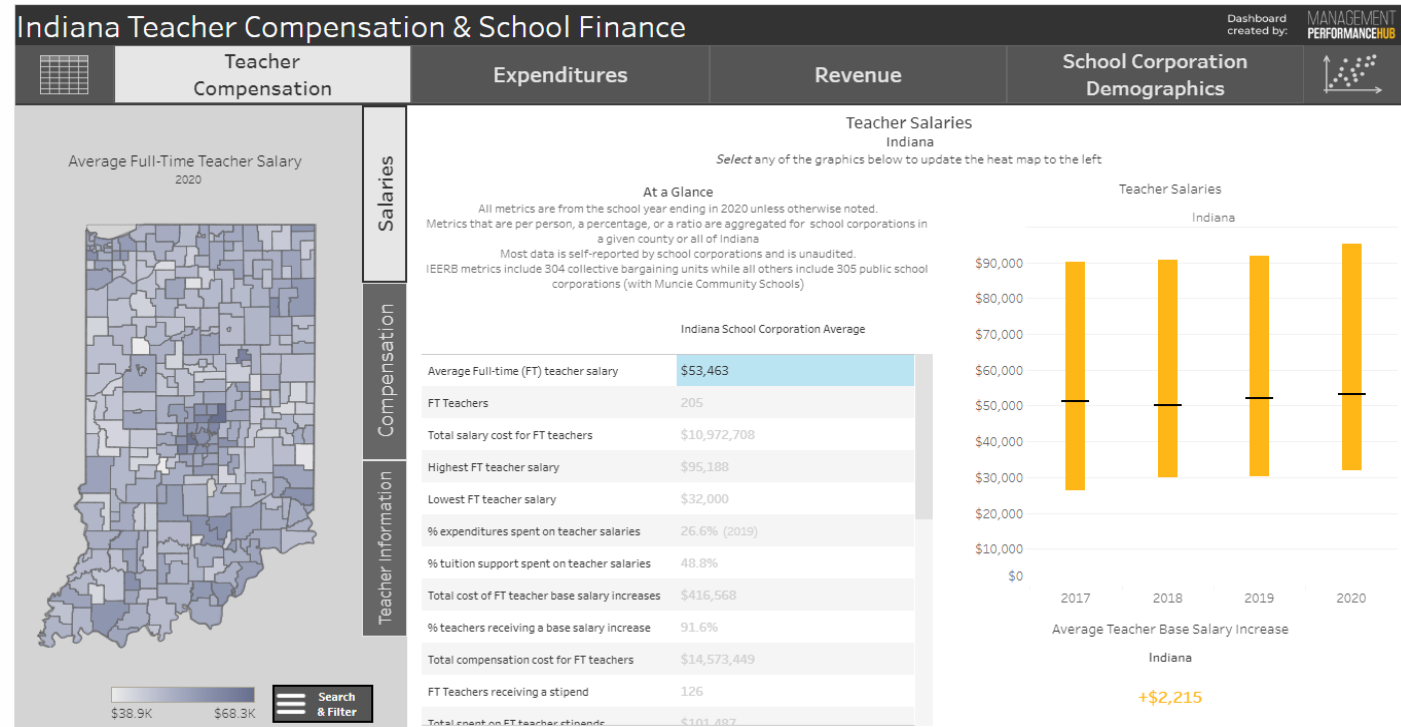
School	Address	Phone	Current Senior Enrollment
1 Pike High School	5401 W 71st St, Indianapolis, IN 46268	(317) 291-5250	23
2 Noblesville High School	18111 Cumberland Rd, Noblesville, IN 46060	(317) 773-4580	10
3 Westfield High School	18250 N Union St, Westfield, IN 46074	(317) 867-8800	8

# Next Level Teacher Compensation Commission

During his 2019 State of the State Address, Governor Eric J. Holcomb announced the volunteer citizen members of the Next Level Teacher Compensation Commission as a part of his effort to make teacher pay competitive with surrounding states.

## Dashboard Link:

<https://www.in.gov/gov/teachercompensation/>



The commission was tasked with determining what constitutes competitive teacher compensation in Indiana and with providing recommendations for how to achieve it.



# THANK YOU!

MANAGEMENT  
PERFORMANCEHUB





# Contact Us

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Twitter: [@INDataJMartin](https://twitter.com/INDataJMartin)



Sign up for MPH News!

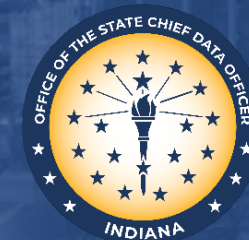
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## Indiana MPH

Web: [IN.gov/mph](http://IN.gov/mph)

Data Hub: [hub.mph.in.gov](http://hub.mph.in.gov)

Twitter: [@IndianaMPH](https://twitter.com/IndianaMPH)



## Office of the Indiana CDO

Web: [on.IN.gov/CDO](http://on.IN.gov/CDO)