



# **Facilitating Innovation in Government**

How data-driven decision making will improve Hoosiers' quality of life

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What is  
MPH?

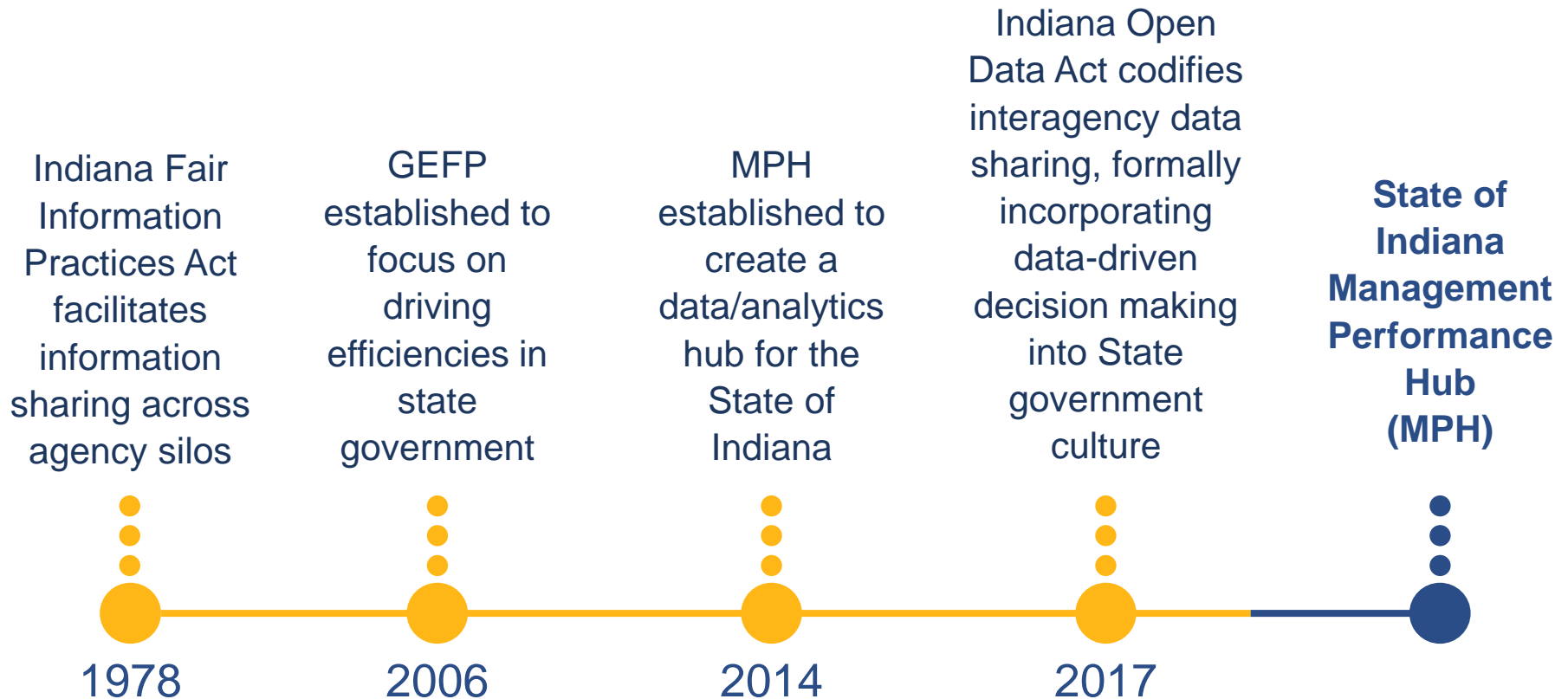
# State Preview

**MPH does not house any direct programs;** it's an agent of the agencies.

**MPH serves 70 agencies** and adds value by unlocking data, analyzing it, and sharing it with agencies and external partners.



# Background





# Mission:

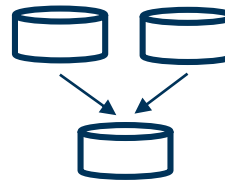
Improve the quality of life for Hoosiers with data, innovation, and collaboration.

# Why Does MPH Exist?

The State of Indiana Management Performance Hub is a unique agency that works across agencies enabling IN to:



**Understand how challenges intersect** across state agencies, external organizations and what the foundational root of each is for our citizens.



**Merge disparate datasets** to develop a holistic understanding and greater insights for problem solving and sharing.



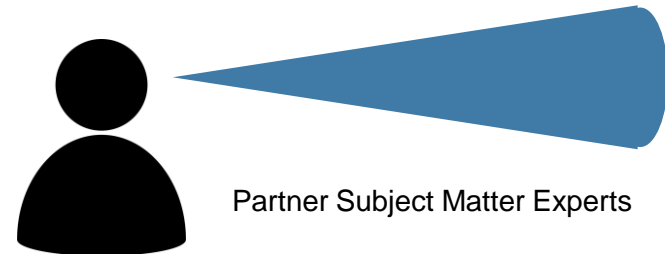
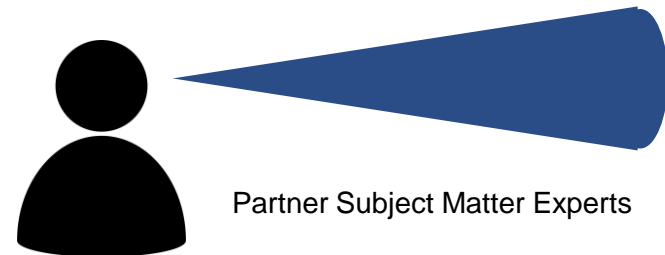
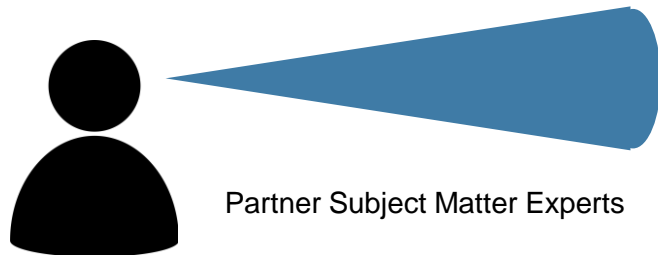
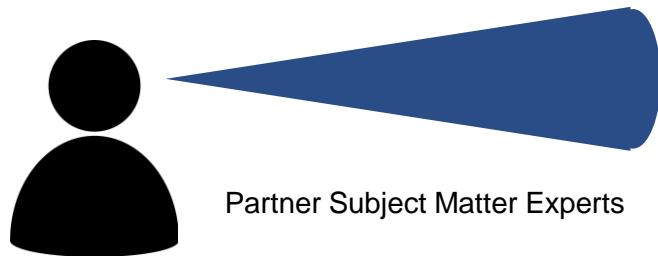
**Convene government agencies and community partners** to tackle complex challenges with innovative solutions.



**Leverage technology** across agencies saving resources and creating continuity of systems across government.

# Single-Source View

Agencies see through the lenses of available information about their area of deep expertise.



# Holistic and Coordinated Approach

When combined, a more complete view of a challenge becomes available.



**Holistic and coordinated solutions are realized.**



# Start-Up Journey

MPH is a four-year-old start-up organization.

## CRAWL

Today:

Collaborating with  
state agencies,  
driving better  
outcomes



## WALK

On the horizon:  
Partnering with  
external partners



## RUN

# Technology at MPH



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**Case Study:**  
Combating the  
Opioid Epidemic

# Cross-Agency Example

## The State of Indiana: Combatting the Opioid Epidemic



### IN Drug Task Force created in 2016:

- **Initial Goal:** Break down the information silos among agencies in order to obtain a “big picture” view of the problem.
- **Future Goal:** Implement treatment and prevention options.
- **Appointed Drug Czar:** Task Force is co-chaired by MPH and Drug Czar Appointee.

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Indiana reported a **570% increase in opioid-related deaths** between 1999-2015.

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# Cross-Agency Example

The Opioid Epidemic requires a holistic and coordinated approach. It's a challenge being addressed in:

## Government Agencies:

- Family and Social Services
- Department of Health
- Department of Correction
- Indiana State Police
- Criminal Justice
- Department of Workforce Development...

## External Partners:

- Public Policy Institute
- Regenstrief Institute
- Fairbanks School of Public Health
- Indiana Hospital Association
- Pew Charitable Trust
- Indiana University...

No one agency can solve this. Combatting the epidemic requires all of these entities working together to make a difference.

# Combating the Opioid Epidemic

Family and Social Services Administration – Division of Mental Health and Addiction



## Situation

The State of IN was granted authority to license five additional opioid treatment programs.



## Challenge

How can we place treatment programs so that they have the most impact?



## Solution

By analyzing the data, the team identified: locations with the greatest needs for treatment programs and **where the five new programs would be most necessary and effective.**

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Our Initiatives

# Project Snapshot: Crash

IN Department of Transportation | IN State Police



## Situation

Indiana experienced a growing number of crashes since 2011. Roadway fatalities increased by 7.5% between 2014-2015.



## Challenge

How can we arm authorities and citizens with information to help reduce the number of crashes?

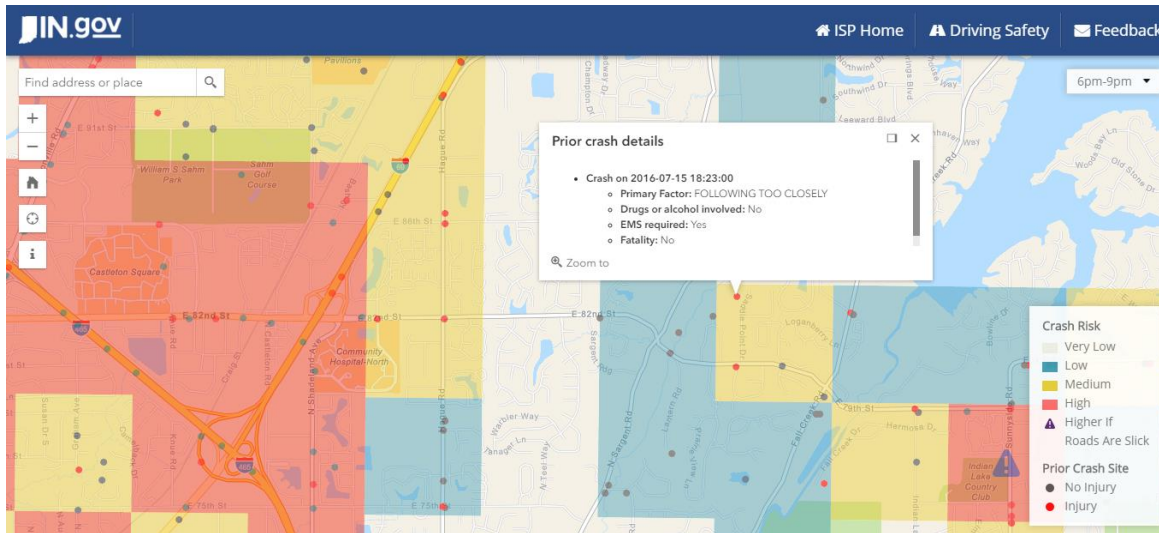


## Solution

Interactive map tool that predicts where crashes are likely to occur within a three-hour time window.

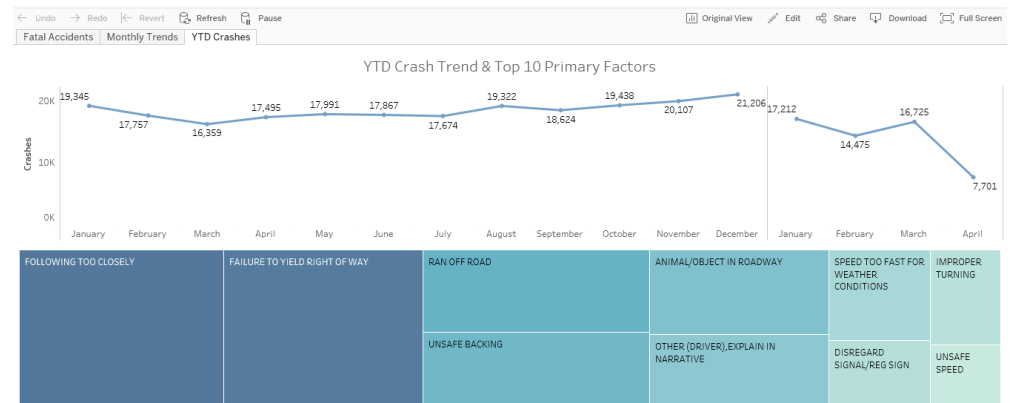


# Project Snapshot: Crash



- Crash prediction tool
- Partnership with ISP, INDOT, and MPH
- Leveraged Crash data, road conditions, and traffic conditions to show likelihood of accidents based on locations and time of day

- ISP and MPH continue to utilize the tool
- KPIs were established in advance, and ISP and MPH continue to review impact on number of crashes



# Project Snapshot: Education

IN Commission for Higher Education | IN Department of Workforce Development  
| IN Department of Education



## Situation

IN has education-related data in systems across the state. (Family and Social Services, Department of Education, Department of Workforce Development, Commission for Higher Education)



## Challenge

How can we join education and workforce data from disparate systems to facilitate research and data-driven decision making?



## Solution

Integrated state workforce and education data available for usage by outside entities.

# Project Snapshots: Medicaid Data

Family and Social Services Administration



## Situation

FSSA houses Medicaid and service-related data for the 1.4-million Hoosiers registered for the program.



## Challenge

How can we leverage Medicaid data to improve health outcomes?



## Solution

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

# Project Snapshots: Medicaid Data

**The State of IN recently released 24 datasets of clean, secure, HIPAA-Compliant data including:**

Medicaid Member Information | Provider Information | Claim Information

## Sample User Stories

- Identifying service offering or geographic coverage gaps for the purpose of targeting schools for expansion of telehealth programs.
- Monitoring mental health assessment screenings and outcomes by provider to identify and provide additional suicide prevention training to those with a significant number of young adult patients.

**50+**

User Stories  
Underway

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Summary

# Summary

1

MPH serves state agencies and IN citizens.

2

MPH connects data, state agencies, and organizations.

3

MPH prepares KPI dashboards and tackles complex challenges.

4

MPH provides public datasets, hackathon participation, and builds partnerships.

# Questions?

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MANAGEMENT  
**PERFORMANCEHUB**

