

THE  
**PEW**  
CHARITABLE TRUSTS

# How States Use Data to Inform Decisions

SOUTHERN LEGISLATIVE CONFERENCE

July 22, 2018

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## Pew Charitable Trusts



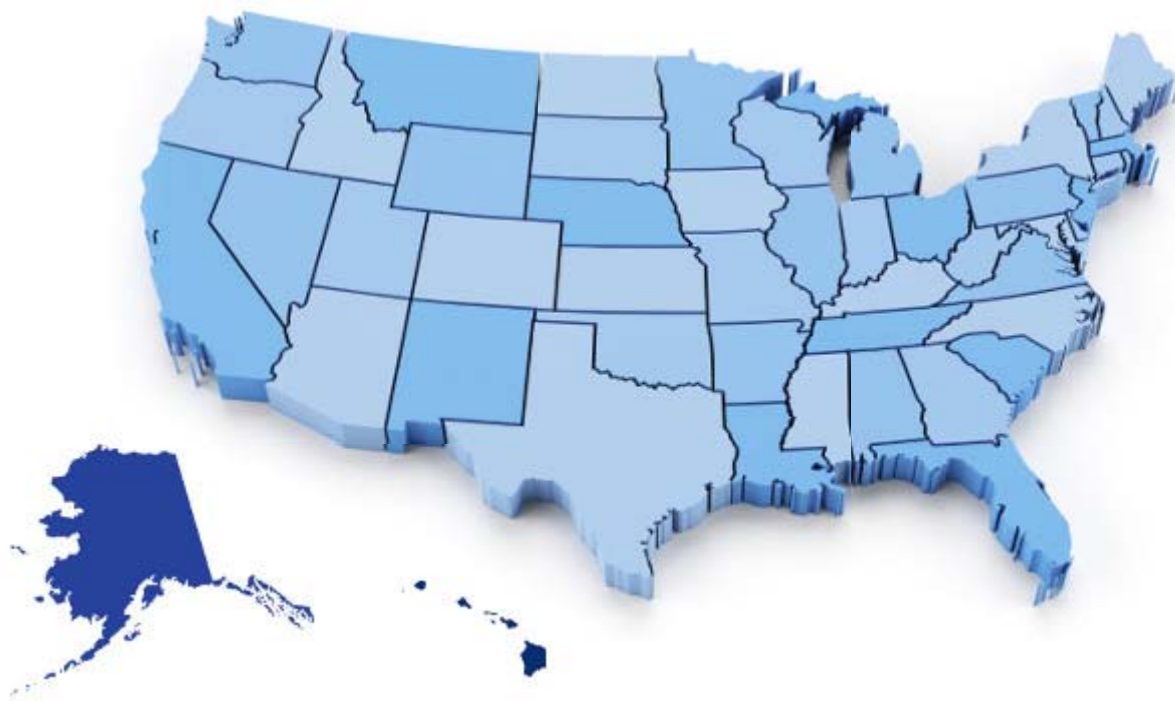
*The Pew Charitable Trusts is driven by the power of knowledge to solve today's most challenging problems.*

*Pew applies a rigorous, analytical approach to improve public policy, inform the public and invigorate civic life.*

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## Data as a Strategic Asset (DASA)

Initiative to increase knowledge of how data is being utilized in all 50 states and the District of Columbia.



A report from  THE PEW CHARITABLE TRUSTS

| Feb 2018



# How States Use Data to Inform Decisions

A national review of the use of administrative data to improve state decision-making



[www.pewtrusts.org/strategic-data](http://www.pewtrusts.org/strategic-data)

*“Data’s an untapped resource,  
like having a bunch of oil or gold  
in your land.”*

– Robert Manuel, Louisiana’s chief data officer, in a May 2016 Pew interview

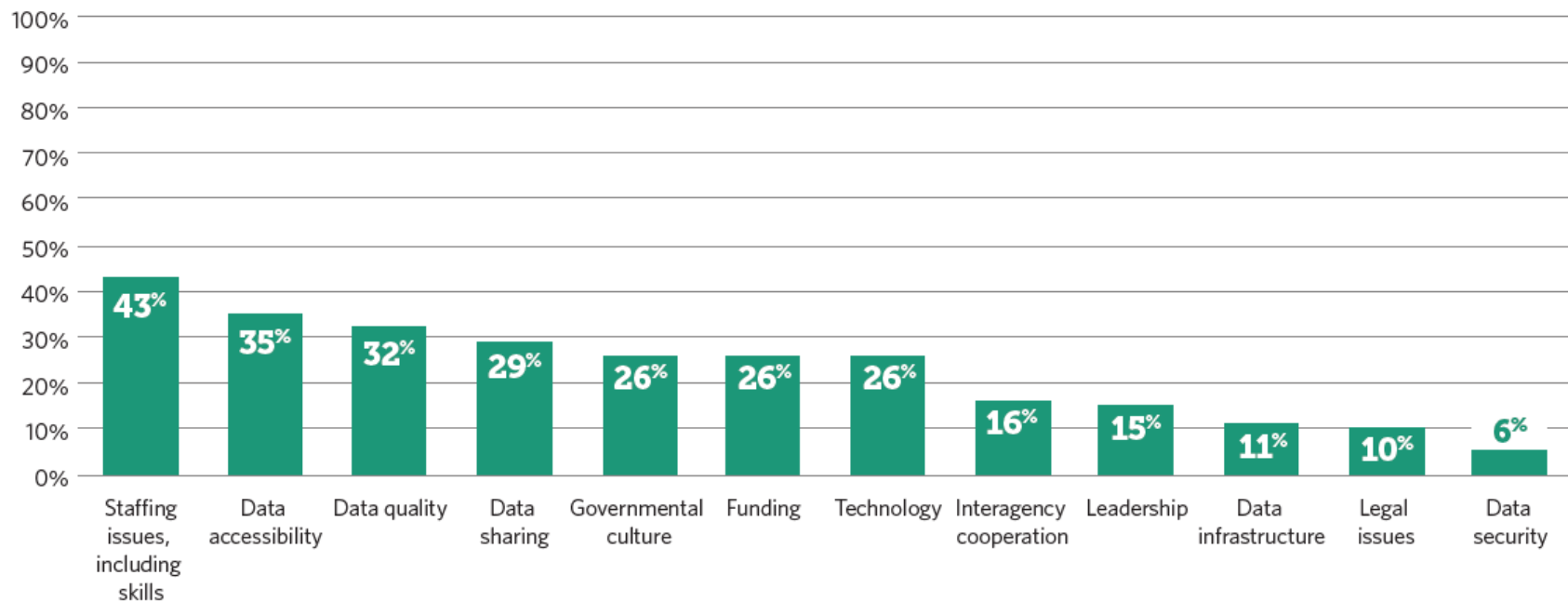
## 4 strategic ways states use data for decision-making



- Craft policy responses to complex problems
- Improve service delivery
- Manage existing resources
- Examine policy and program effectiveness

## Factors Posing Challenges to State Data Work

State officials cite staffing issues as the greatest obstacle



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## Staffing



*Few employees are experienced in both policy and data analytics.*

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## Data Accessibility



*Archaic data systems often restrict data input and accessibility.*

## Data Quality



*Whether it is inputting the wrong data or leaving data fields blank, these data-quality issues can impair analyses.*

## Data Sharing



*When the data is readily available and accessible in the system but culture, laws, staff, or external factors prohibit it from being shared.*

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## Culture

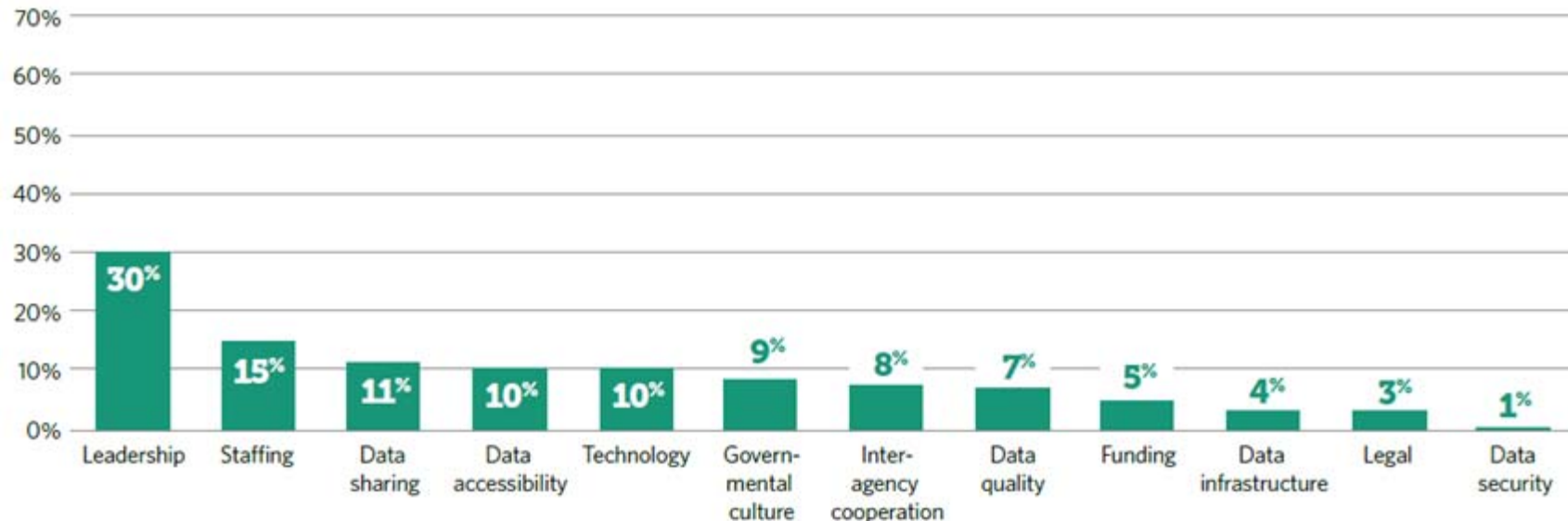


*Culture can disrupt strategy.*

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## Supporting Factors in State Data Work

State officials cite leadership as the greatest support to analyzing data for decision-making



# 5 key actions to promote data-driven decision-making



**Plan**



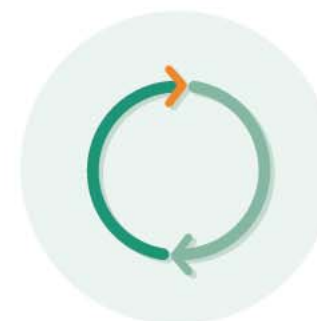
**Build Capacity**



**Share**



**Analyze**



**Sustain**



# Plan

Plan ahead by setting up guiding goals and structures



- Data strategy
- Develop data governance
- Take stock of systems



# Build Capacity

Build the capacity of stakeholders to effectively use data



- Hire skilled staff
- Leverage partnerships
- Dedicate funding





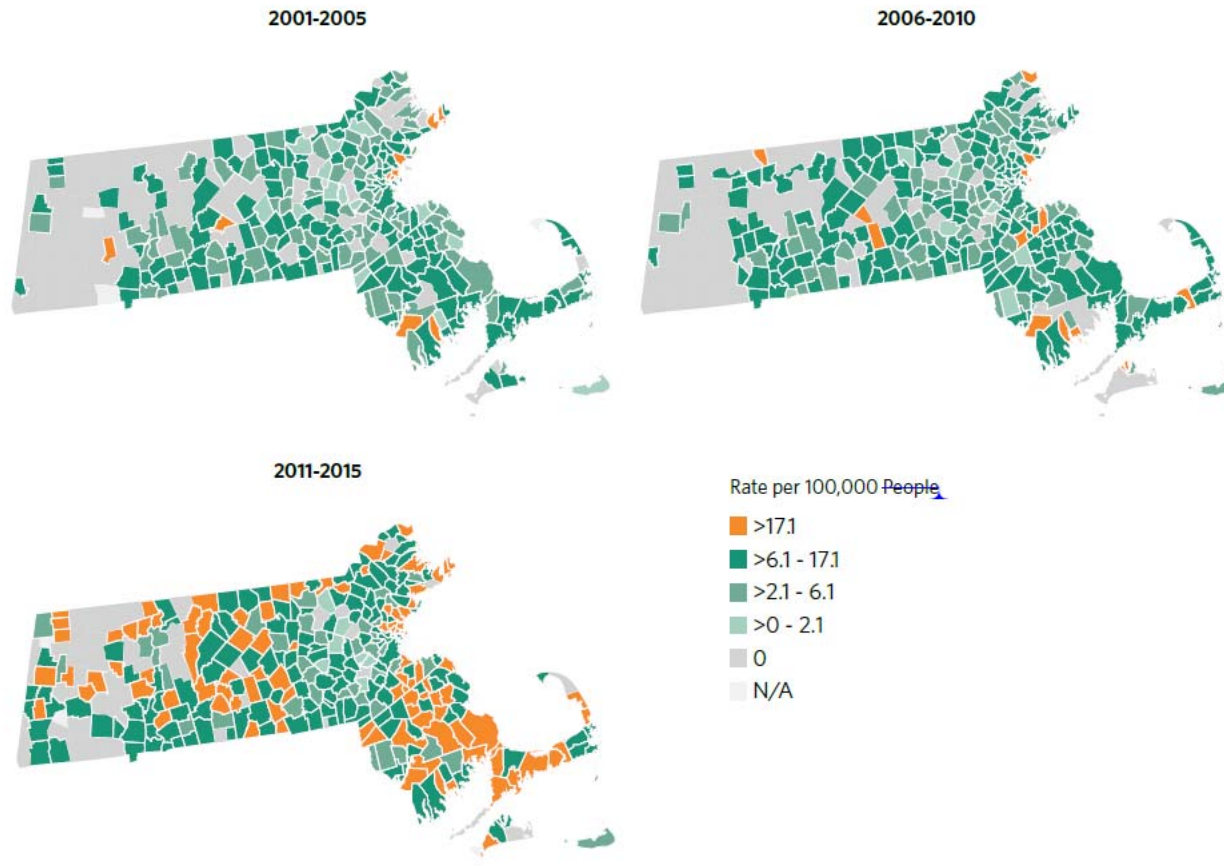
# Share

Ensure that quality data can be accessed and used by stakeholders



- Improve data quality and access
- Develop enterprise view of data
- Establish data sharing agreements

## Average Annual Opioid-Related Death Rate in Massachusetts Per 100,000 residents



Sources: Massachusetts Registry of Vital Records and Statistics, Massachusetts Department of Public Health



# Analyze

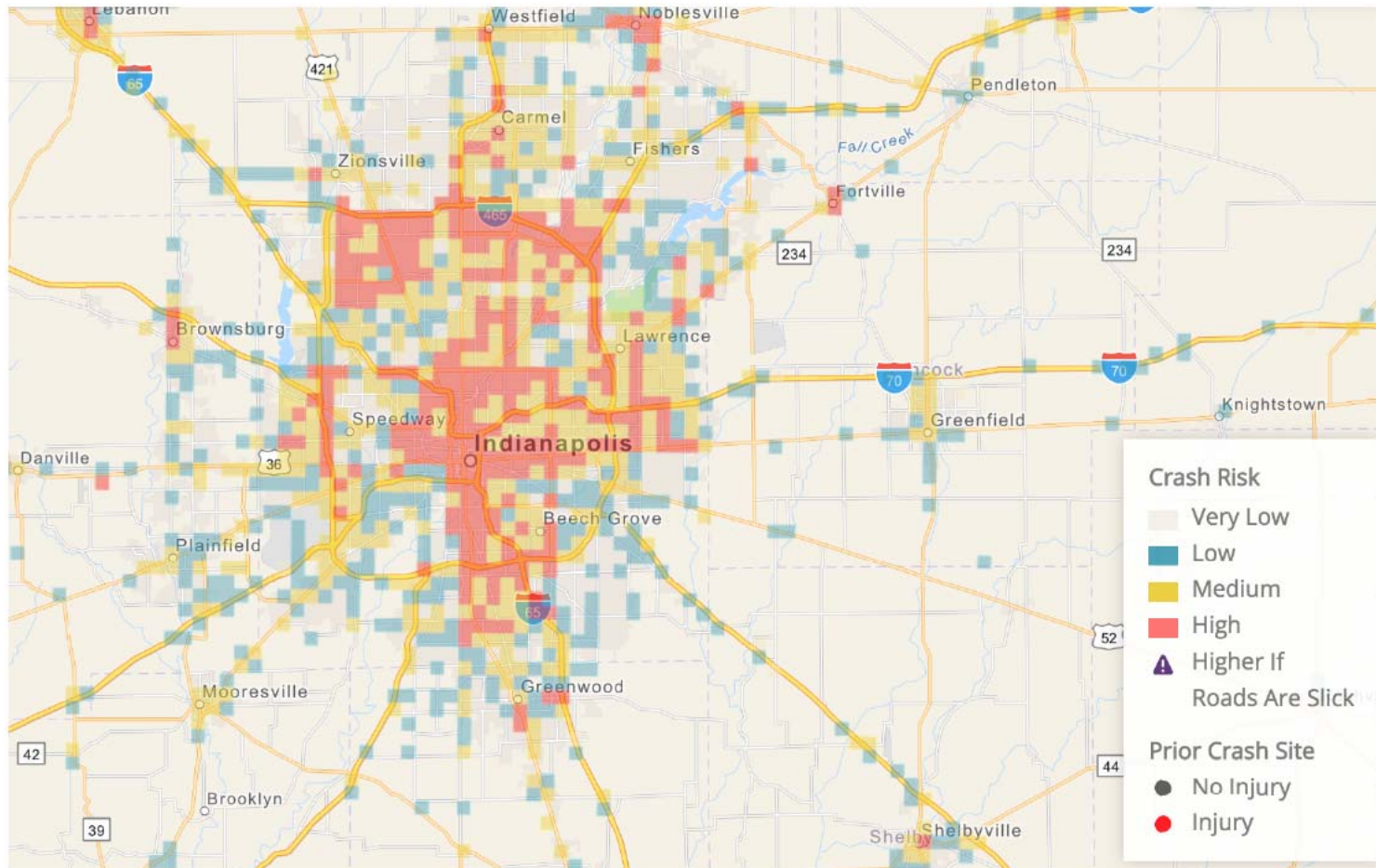
Analyze data to create meaningful information



- Analyze data to extract information
- Visualize data
- Use findings to make decisions

## Indiana Crash Risk Map

Interactive platform predicts automobile crash risks on roads



Source: Indiana State Police, "Daily Crash Prediction Map," <https://in.gov/isp/3268.htm>



# Sustain

Sustain support for continued data efforts



- Enhance leader's commitment
- Enact legislation
- Culture





Source: R. Wade/Texas Water Development Board

# Any Questions???





**Thank you!**

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