



GOVERNOR'S PUBLIC HEALTH COMMISSION

Data and Information Integration



Our goal: To ensure that every Hoosier has access to the core public health services that allow them to achieve their optimal health and wellbeing.

- The ability to collect, report, analyze, and access data across the public health system is critical to identifying risks and developing plans to improve Hoosiers' health
- Public health data encompasses a wide range of data sources and owners, with little coordination between entities
- Data are stored and transferred in different formats with varying privacy, security and access and use restrictions
- Some processes still rely on manual, paper-based systems or antiquated legacy systems
- Data publication often is delayed to allow for verification, limiting its ability to impact real-time decisions
- Local health departments report needing more data, but many lack resources to access or utilize it
- Protection of data and maintenance of confidentiality are priorities, with only aggregate data, not personal information, used for analysis

Types of Public Health Data



Disease incidence



Smoking status



Exercise patterns



Diet and physical activity



Food safety

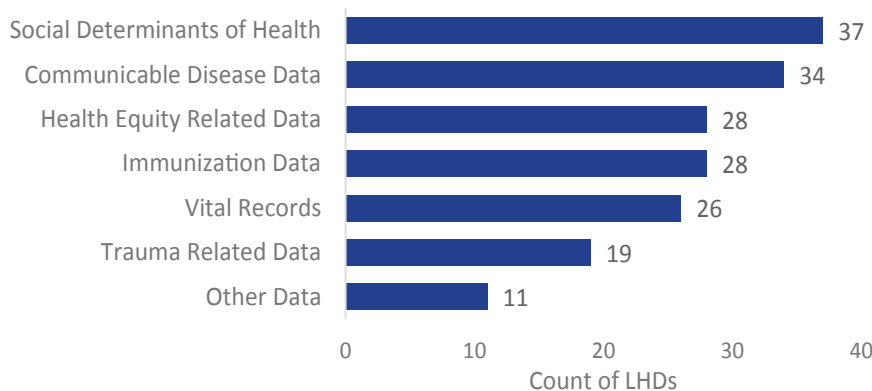


Septic system compliance

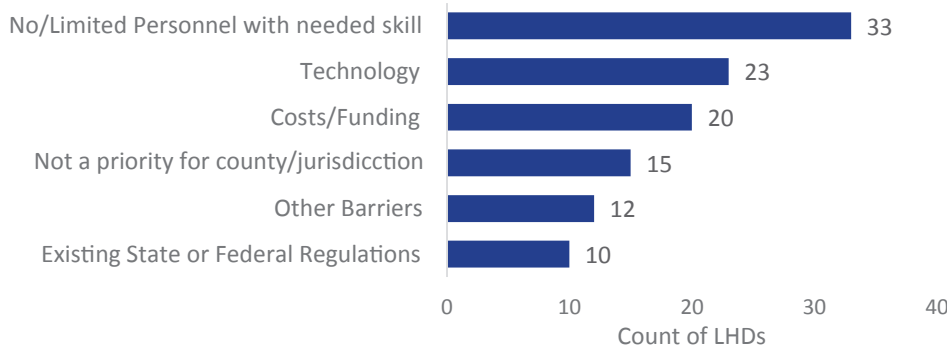


Birth outcomes

Local Health Department Data Needs*



Local Health Department Data Needs Barriers*



Over half (**54%**) of LHDs say they do not have the ability to access all the data that would be useful and have barriers to obtaining data due mainly to personnel, limited technology resources, and funding.



LHDs also report needing support with data analysis (**77%**) and are interested in training on data analysis (**70%**).

*Source: IDOH Survey December 2021

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Indiana
Department
of
Health

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The road to digital transformation:



- The COVID-19 public health emergency sparked a transformative effort to rapidly develop systems to identify and monitor infection rates, location and hospital capacity and vaccination rates to inform real-time decisions to protect Hoosiers
- This led to new and enhanced connections between public health system data owners and the development of actionable public-facing dashboards
- These advancements reflect the value of making information available to the public statewide and the importance of providing current data to inform urgent health situations
- Indiana must build on the data advancements made during the pandemic to ensure communities are informed and prepared to address future public health issues

Next steps:

- Establish a State Public Health Data System Advisory Committee that includes local representation
- Develop a strategic plan for public health data initiatives
- Strengthen the state's relationship with data partners to promote improved clinical outcomes and outbreak management
- Establish district-level data services to support Local Health Departments to allow cross-county analysis and improved access to submitted data
- Establish baseline technology, security, and resource requirements for local health departments
- Promote digitization of inspection and permit records to improve access to key public health data
- Maintain state-led efforts to modernize public health data systems and paper-based processes
- Provide funding to support IDOH Office of Data and Analytics and continue state digital transformation efforts

Be a public health champion!
Learn more at www.in.gov/gphc