

CPAR Presents:



UNIVERSITY OF NEBRASKA AT OMAHA
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A Data and Research Series for Community Impact

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Why so many dashboards?

Unlocking the Power of Data Dashboards

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Atlas

Nebraska DHHS Public Health

Your Trusted Source for Nebraska Public Health Data

UNO CPAR – Data and Research Series for Community Impact
August 24, 2023

Helping People Live Better Lives.

NEBRASKA
Good Life. Great Mission.
DEPT. OF HEALTH AND HUMAN SERVICES

- What is Nebraska Public Health Atlas
- Our Journey
 - Why data dashboards
 - Determining what to report in dashboards
 - Our lessons learned



What is Atlas

- Nebraska Public Health Atlas is the data visualization platform for the Division of Public Health.

Goal of Atlas

- To bring you greater access to public health data you need, in an easy-to-use, interactive, web-based platform.

Current Dashboard Status

<https://dhhs.ne.gov/Pages/Nebraska-Public-Health-Atlas.aspx>

Live

- Behavioral Risk Factor Surveillance System (BRFSS)
- Respiratory Illness

In Review

- Vital Statistics: Leading Causes of Death
- Drug Overdose
- BRFSS 2021 Data *(Additional Release)*

In Development

- Health Equity
- Vital Statistics: Birth
- Vital Statistics: Death *(Additional Release)*
- Respiratory Illness *(Additional Release)*

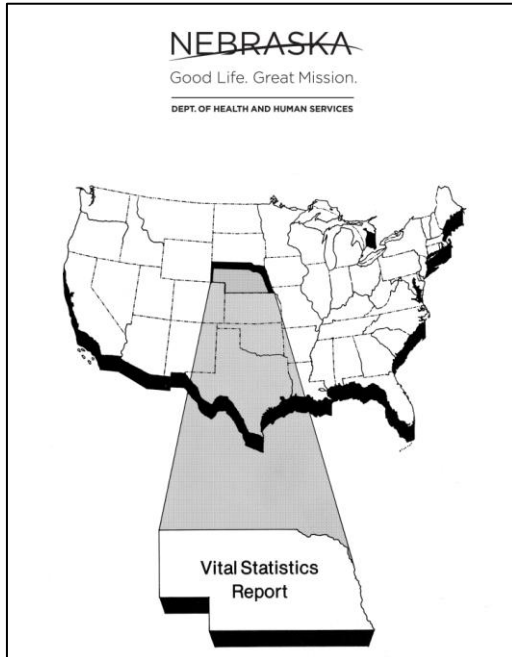
Future Development:

- Environmental Public Health Tracking

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Why Data Dashboards

Status Quo for Decades

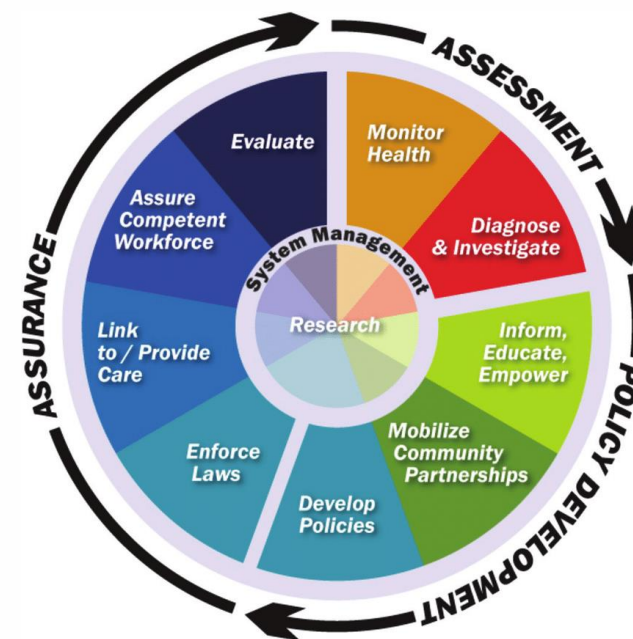


What Data Users Want



Why Data Dashboards

- Meeting partner needs
- Increased efficiency / better use of technology
- Reduced demand on staffing for ongoing analysis and reporting (e.g., fewer data requests)
- Quick/easy access to data for planning and decision making
- Bottom line... Better Public Health Practice



Determining What to Report

- Collected feedback on what would be most useful
- Many factors in play when determining what to report:
 - Importance/value to public health practice
 - Availability and structure of the data
 - Committed data owner available to help define data content and oversee analysis



Determining What to Report

- Many factors in play (continued):
 - Scope of needed data (single source vs. multi-source)
 - Needed granularity: For us demographic and geographic differences and trends over time were important
- We chose to start with single data sources BRFSS and Vital Records Birth and Death... Then COVID came along

Our Lessons Learned

- Establish data governance up front
- Ensure backend data structure prior to development (minimize manual processes)
- Executive level commitment is critical (need full commitment for success)
- Understand the needs and potential solutions early (changing course midway is painful)
- Blend product/business owner with IT staff on a team (not just an occasional meeting)
- The overall process takes longer than you expect
- We have seen early success... a decrease in data requests for BRFSS, positive feedback and excitement for future releases, and a system that is more modern and sustainable over time

Check out the Atlas Website at:

<https://dhhs.ne.gov/Pages/Nebraska-Public-Health-Atlas.aspx>

Feel free to contact the Atlas team at:

DHHS.Atlas@Nebraska.gov

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