

Priority 5: The Nebraska public health system has expanded capacity to collect, analyze and report health data.

Despite the successes and improvements that have been made in the collection, analysis and dissemination of data, many challenges still exist. In Nebraska, those challenges can be separated into four major areas: access, utilization, timely reporting and data standardization/consistency. In order to expand the capacity to collect, analyze and report health data, it is essential to address these challenges to continue to build a strong public health data infrastructure. The objectives of the SHIP Data Priority are focused on enhancing the data competencies and leadership skills of the public health workforce, increasing the timely reporting of public health data, and increasing the integration and utilization of health data by data users and researchers.

Category	Description	Time Period	Actual Value	Current Trend
R	The Nebraska public health data and epidemiology workforce have improved competencies.			
I	Reviewed existing model competencies for epidemiology, biostatistics and data informatics to determine applicability.	—	—	—
I	Identified workforce competency gaps and developed training programs.	—	—	—
I	Developed recruitment and retention plan for epidemiology and data workforce.	—	—	—
P	Identify and incorporate competencies and leadership skills within the epidemiology and data workforce.	Time Period	Actual Value	Current Trend
PM	Percentage of the DHHS public health epidemiology and data workforce reporting at least a basic level of competency in skills related to epidemiology and health data.	2013	63.6%	→ 0
R	The Nebraska public health system has timely, accurate and relevant public health data.	Time Period	Actual Value	Current Trend
I	Expanded public health data through interactive web-based tools.	—	—	—
I	Public health data facts sheets are developed and available to the public.	—	—	—
I	Process implemented to extend awareness of public health data availability.	—	—	—
P	Increase the timely reporting of quality public health data to help identify public health problems and best practices	Time Period	Actual Value	Current Trend
PM	Percentage of public health practitioners who feel that the reporting of DHHS public health data is timely	2015	65.7%	→ 0
PM	Percentage of public health practitioners who report satisfaction with the ease at which they are able to access DHHS public health data	2015	58.1%	→ 0
R	The Nebraska public health system utilizes research to improve public health practice.	Time Period	Actual Value	Current Trend
I	The list of core public health data is updated annually.	—	—	—
I	Collaborative studies between public health practitioners and researchers has increased.	—	—	—
P	Increase the integration and utilization of health data by public health data users and researchers to improve public health practice.	Time Period	Actual Value	Current Trend
PM	Percentage of public health practitioners who report that the utilization of public health data is important for informing and/or evaluating their work.	2015	87.9%	→ 0
PM	Number of collaborative studies between public health practitioners and academic researchers.	2015	0	→ 1
PM	Number of facilities/vendors registering intent to utilize Meaningful Use.	2014	429	↗ 1
PM	Number of facilities/vendors registered to utilize Meaningful Use that complete the process and send ongoing production data.	2013	40	→ 0