

Strategic Plan Goals PROGRESS REPORT

January – March, 2016



GOAL 1

Improve the quality, accessibility, and effective use of healthcare

A. Promote the right care at the right time in the right setting

- Maximize use of electronic technology by providers to improve quality of care (*Kevin DeWald*)
- Increase use of preventive services through enhanced public and provider awareness and education (*Kiley Hump/Bonnie Jameson*)
- Improve appropriate antibiotic use (*Angela Jackley*)

Current Progress:

- ✓ Brought 3 organizations onboard to SD Health Link core Health Information Exchange (HIE) services.
- ✓ Developing training to enable providers utilize Health Link technology to boost adoption and improve care.
- ✓ Collaborating with the Sioux Falls Health Department's *Protect Your Pants* campaign to raise awareness about sexually transmitted infections (STIs). An informational website connects the public to general health information and STI testing options.
- ✓ Offering rapid syphilis testing in local DOH offices with results available within 10-15 minutes.
- ✓ Office of Child and Family Services (OCFS) staff in Lemmon worked closely with Delta Dental, Lemon School and the Lions Club to arrange for the Dakota Smiles Mobile Dental program to come to Lemmon. Sixty-three students were seen and \$32,380 work of dental work was completed. OCFS staff in Sisseton also worked with Delta Dental to coordinate free dental cleanings and exams for children under age 14 and pregnant women.
- ✓ Established antimicrobial stewardship long-term care workgroup to identify measures and metrics for improving prescribing practices in the long-term care setting.
- ✓ Designated a State Antimicrobial Resistance Expert.
- ✓ Collaborated with SDSU to include antimicrobial stewardship in curriculum for nursing and pharmacy.

B. Sustain healthcare services across South Dakota

- Build and sustain South Dakota's healthcare workforce (*Halley Lee*)
- Support innovative ways to deliver healthcare (*Halley Lee*)

Current Progress:

- ✓ Passed legislation (HB 1029) to provide \$205,000 in start-up funding for a rural family medicine residency track to add 6 additional family medicine residency slots in the state.
- ✓ Completed a primary care needs assessment and working to develop recommendations based on assessment outcomes.
- ✓ Promoting the use of physicians, nurses, physician assistants, and nurse practitioners on ambulance crews.
- ✓ Analyzing 2012-2016 ambulance trip reports for trends and identification of high, mid, and low performers. Developing a comparison tool to allow ambulance services to see how they measure against other. Developing marketing efforts to promote an average 7% increase per year in acceptable trip reports.

C. Provide effective oversight and assistance to assure quality healthcare facilities, professionals, and services

- Assist healthcare organizations meet established standards for quality of care *(Chris Qualm)*
- Assure information regarding quality of healthcare facilities, providers, and services is easily available to the public *(Tom Martinec/Susan Sporrer)*

Current Progress:

- ✓ Developing we-based educational resources to assist healthcare providers better understand the reporting and investigation processes. Resources will be archived to allow facilities to access education 24/7.
- ✓ Developing list servs to better share regulatory and standards of care information directly with healthcare providers.
- ✓ Conducting state monitoring with two healthcare facilities requiring additional assistance to meet acceptable standards of care.
- ✓ Working to post abortion facility inspections on the Department of Health website as required by HB 1123.



GOAL 2 Support life-long health for South Dakotans

A. Reduce infant mortality and improve the health of infants, children, and adolescents

- Collaborate with community partners to provide infant death review (*Jenny Williams*)
- Reduce infant mortality through the promotion of safe sleep, tobacco cessation, and early and adequate prenatal care (*Peggy Seurer*)
- Improve the overall health of children and adolescents (*Linda Ahrendt*)

Current Progress:

- ✓ Reviewed 38 infant deaths in CY 2015 in collaboration with the East River and West River Infant Death Review Teams. Added IHS representation on the Statewide Infant Death Review Team to strengthen tribal collaboration and data sharing capacity.
- ✓ Expanded Cribs for Kids to Rosebud IHS Hospital, Rosebud Sioux Tribal MCH, and Cheyenne River Sioux Tribal MCH.
- ✓ Launched Spring 2016 radio campaign featuring infant safe sleep and early/adequate prenatal care messages.
- ✓ Identifying potential evidence-based strategies and partnerships in Maternal and Child Health.

B. Increase prevention activities to reduce injuries

- Establish and enhance partnerships to develop data-driven programs in injury prevention and motor vehicle safety (*Marty Link*)

Current Progress:

- ✓ Partnering with the Office of Highway Safety on the Traffic Records System strategic planning process. The DOH trauma program is co-lead of the Injury Surveillance component.
- ✓ Advocating for data-driven prevention during facility trauma assessments.
- ✓ Partnering with leading trauma centers to prevent secondary injuries through promotion of most current evidence-based practices.

C. Prevent and reduce the burden of chronic disease

- Implement strategies to increase awareness of importance of recommended, evidence-based preventive screening and its use (*Karen Cudmore*)
- Provide support to adopt policies that enhance healthy nutrition and physical activity environments (*Larissa Skjonsberg*)
- Increase awareness of the dangers of tobacco use, promote quitting, and change attitudes and beliefs related to tobacco use (*Tobacco Control Program Coordinator*)
- Increase individual access to evidence-based education and lifestyle change programs (*Kiley Hump*)

Current Progress:

- ✓ Released a series of videos promoting recommended cancer screenings including a promise theme to get screened. Videos highlight the importance of breast, cervical and colorectal cancer screenings.
- ✓ Expanded access to screening mammograms for women 40-49 through the All Women Count! program effective March 1, 2016. Women age 40-49 who are income eligible for the program can now receive a mammogram with no prior authorization as was previously required.
- ✓ The All Women Count! program and the SD Comprehensive Cancer Control Program released a funding opportunity for healthcare facilities that aims to increase breast and cervical cancer screening rates by implementing evidence-based interventions within healthcare facilities in South Dakota. Applications are due May 2016.
- ✓ Nutrition and Physical Activity program provided support to nine worksites to implement the Steps to Wellness program. Worksites received guidance on making changes to their environment and are developing policies that support increased physical activity in the workplace.

- ✓ 18 worksites are making progress towards implementing policies and supporting healthy vending and/or snack bars in their workplace. The Nutrition and Physical Activity program's MunchCode provides guidance and resources to worksites looking to improve vending/snack bars.
- ✓ Selected the City of Fort Pierre to participate in the SDSU/DOH Active Transportation Assessment Collaboration program. SDSU landscaping architecture students performed an initial assessment of the community and met with community members to discuss barriers and concerns relevant to walking and biking. The students will be preparing a report of final recommendations for improving walkability and the building environment in Fort Pierre in late April.
- ✓ The Work Well program funded 11 worksites to improve the environment and establish policy supportive of tobacco cessation, increased physical activity and improved nutrition.



GOAL 3

Prepare for, respond to, and prevent public health threats

A. Prevent and control infectious disease

- Enhance timeliness and effectiveness of the integrated disease surveillance system *(Nick Hill)*
- Improve South Dakota's age-appropriate immunization rate *(Tim Heath)*

Current Progress:

- ✓ Began electronic laboratory reporting (ELR) interface projects with Prairie Lakes Healthcare, Huron Regional, and Brookings Hospital laboratories.
- ✓ Built automated scheduling system for tracking disease intervention specialist (DIS) partner site visits. The system enables long-term tracking of key contacts, issues, and needs and helps document communications between DIS and partner stakeholders.
- ✓ Completed bidirectional interface between disease surveillance and immunizations (SDIIS) systems. The interface allows investigators to query, view, select, and populate immunizations "on-demand" from the surveillance system. Formerly this was done by logging into SDIIS, querying and manually transcribing the data.
- ✓ Rebuilt and enhanced the HRSA Ryan White model to meet required changes in specifications and data extracts.
- ✓ Analyzed data on immunization rates in clinics and provided individualized reports to clinics with their data. Utilizing VFC compliance visits to show clinics their immunization rates and give suggestions on how to improve rates.
- ✓ Working with DSS to add Hepatitis A, Pneumococcal, and Varicella vaccines to daycare vaccine requirements.
- ✓ Initiated the administrative rules process to add meningococcal and Tdap vaccine to required vaccinations for entry into 6th grade. Information was sent out to providers about the new 6th grade vaccination requirement with a reminder to check the status of other vaccines as well.

B. Build and maintain State Public Health Laboratory (SPHL) capacity and ensure a culture of biosafety

- Strengthen the SPHL capacity through employee education, training, testing methods, updated equipment, and enhancement of the Laboratory Information Management System (LIMS) *(Tim Southern)*
- Ensure a culture of biosafety in the SPHL and in clinical laboratories using biosafety assessment tools *(Danette Hoffman)*

Current Progress:

- ✓ SPHL staff received training in rabies, biosafety, influenza, serology, and packaging/shipping.
- ✓ Upgraded testing equipment and capacity in the areas of serology, HIV, and tuberculosis.
- ✓ Established capacity for Ebola virus diagnostics through the purchase and installation of testing equipment; Medical Microbiology staff have completed the first year of competency assessments.
- ✓ Completing the LIMS update for the Medical Microbiology and Forensic Chemistry sections (target completion date is June 2016).
- ✓ Performed a Laboratory Biosafety Assessment for the Medical Microbiology Section to identify opportunities for biosafety improvement including access to and use of personal protective equipment, waste management, and safe storage of laboratory supplies (i.e., acids, bases, flammables). SPHL staff developed a section-wide mitigation plan in response to the assessment which was implemented in January 2016.
- ✓ Preparing for two biosafety workshops for South Dakota's 28 sentinel laboratories and SPHL representatives from Nebraska, North Dakota, Wyoming, and Montana. Workshops will provide intensive training in contemporary laboratory biosafety including hands-on training using the SPHL mobile laboratory.

C. Identify the top hazardous environmental conditions in South Dakota that negatively impact human health

- Assess the need, inventory existing programs, and identify high impact unmet needs (*Lon Kightlinger*)
- Identify the best mechanism to address high impact gaps (*Tom Martinec*)

Current Progress:

- ✓ No progress to report.

D. Strengthen South Dakota's response to current and emerging public health threats

- Continue development of syndromic surveillance system (*Nick Hill*)
- Enhance self-sustaining regional healthcare preparedness partnerships (*Andy Klitzke*)
- Enhance and maintain the state public health and medical strategic stockpile (*Chuck Kevghas*)
- Ensure proficiency in laboratory testing methods for detection and identification of emerging and reemerging pathogens (*Chris Carlson*)

Current Progress:

- ✓ Conducted 10 onsite assessments to review syndromic surveillance status or interface-readiness capability with eligible partners (Avera, Sanford, Mobridge, Faulkton, Huron, Brookings, Fall River, Rapid City Regional, Rapid City Medical, and Philip). All network sites were also represented.
- ✓ Completed three new syndrome surveillance interfaces with Huron Regional, Brookings Hospital, and Prairie Lakes. Sanford Administration has moved to final deliberations to initiate their syndromic surveillance system.
- ✓ Created 11 Citrix access accounts for outside partner stakeholder access to syndromic surveillance data reports. Stakeholders are infection control staff and administrators at submitting hospital sites.
- ✓ Submitted grant request to create the South Dakota *One Health* portal for public health partners. The *One Health* portal would replace Citrix and enable a comprehensive view of reports, messages, alerts, and provide a networking message board designed for earlier recognition and enhanced communication and response for current and emerging public health threats in South Dakota.
- ✓ Partnered with USD Sanford School of Medicine and Yankton Rural AHEC to conduct preparedness and skills training to multi-disciplinary healthcare students.
- ✓ Partnered with Cheyenne River Sioux Tribe and Texas A&M University on a table top exercise testing tribal legal authority to issue and enforce community containment orders.
- ✓ Sustained Mass Fatality preparedness partnerships with local and state Emergency Management through addition of the Mass Fatality Annex to the State Emergency Operations Plan and deployment of the DOH refrigerated trailer to a mass fatality incident in Platte.
- ✓ Designed and built a warehouse to provide secure climate controlled storage of critical emergency medical supplies, equipment, and key pharmaceuticals to enhance the state's response to mitigate public health threats.
- ✓ Acquired a Field Medical Station (FMS) (hospital in a box) from the federal surplus which provides pre-packaged, ready to deploy medical equipment/supply modules for a 209-bed support hospital. The FMS is designed to be transported to a gym or auditorium to provide basic hospital support services or sheltering during a public health emergency.
- ✓ Upgrading hospital and public health responder personal protective equipment (PPE) such as higher level protective suits, masks, and upgraded powered air purifying respirators (PAPR) to meet emerging threats such as SARS, Ebola, and other developing pathogens.
- ✓ Offering grants to help SD cities, counties, and tribes control mosquitoes and prevent West Nile Virus. A total of \$500,000 in funding is available with individual awards ranging from \$500 to \$20,000.

E. Prevent injury and illness through effective education and regulation

- Increase efficiency by the use of electronic inspection systems *(Bill Chalcraft)*
- Advance quality by use of more timely and effective training *(John Osburn)*
- Improved communications with regulated industry *(Bill Chalcraft)*
- Streamline and update statutes and administrative rules through continued red tape review *(Susan Sporrer)*

Current Progress:

- ✓ Implemented the use of electronic inspections and food service and lodging establishments in March 2016.
- ✓ Initiated an electronic newsletter for food service, lodging, and campground owners/operators.
- ✓ Held initial statewide training for inspectors in March; working with BIT and Microsoft Skype support technicians to resolve connection-related issues for future monthly in-service trainings.
- ✓ Conducting extensive one-on-one classroom and field training for all new inspectors and providing field refresher training for targeted inspectors.
- ✓ Passed legislation to make state statute regarding frequency of health care facility inspections consistent with current and accepted practice (HB 1026) and repeal obsolete and outdated laws as part of the Governor's initiative to cut red tape in state government (HB 1028).



GOAL 4

Develop and strengthen strategic partnerships to improve public health

A. Reduce completed and attempted suicides through statewide and local efforts

- Provide specific epidemiological support to local communities engaged in the state's suicide prevention efforts (*Lon Kightlinger*)
- Explore use of the Health Information Exchange to obtain relevant emergency room and other information regarding self-injury (*Kevin DeWald*)

Current Progress:

- ✓ Implementing clinical event notification services within SD Health Link core HIE service which may be utilized for near real-time notification of ER events involving self-injury.

B. Reduce the health impact of substance abuse and mental health disorders

- Implement surveillance of key substance abuse data (*Mark Gildemaster*)
- Conduct a cause-of-death quality study (*Mariah Pokorny*)

Current Progress:

- ✓ Instituted comprehensive breakdown of drug-induced deaths which will enable analysis of these deaths by illicit drugs, pharmaceutical drugs, prescription opioids, and illicit opioids as these are the four major areas of interest when dealing with drug overdose deaths.

C. Reduce health disparities of at-risk populations through innovative and collaborative efforts

- Assist at-risk individuals to access state and local services (*Peggy Seurer*)
- Support tribal efforts to provide public health services to their members (*Colleen Winter*)

Current Progress:

- ✓ Office of Disease Prevention Services (ODPS) in Rapid City is an active member of the Rural America Initiatives committee whose goal is to reduce teen pregnancy for American Indian youth and prevent HIV and STDs.
- ✓ Rapid City ODPS participates on the local Oyate Prevention Coalition to offer a variety of prevention services to American Indian youth in the community.
- ✓ Gregory County Child & Family Services is collaborating with Lower Brule IHS Public Health Nurse on a one-stop shopping concept for immunizations at Tribal Headquarters to coincide with WIC appointments. As clients come in for WIC appointments, DOH staff check SDIIS to see if clients are up-to-date on immunizations and if needed referred to IHS Public Health Nurse for immunization.
- ✓ Partnering with Great Plains Tribal Chairman's Health and CDC for a CDC Epi-Aid investigation focusing on births to mothers who reside within Reservation Health Service Delivery counties to characterize the burden of drug use during pregnancy and to assess rates over time.



GOAL 5

Maximize the effectiveness and strengthen infrastructure of the Department of Health

A. Increase effective communication

- Provide opportunities for DOH employee input and feedback (*Joan Adam*)
- Enhance DOH intranet to be a central hub for department information (*Barb Buhler*)
- Enhance website, list serv, and webinar capability and use (*Derrick Haskins*)

Current Progress:

- ✓ Revamped the DOH employee newsletter to focus on strategic plan activities; created archive of newsletters on DOH intranet.
- ✓ DOH communications staff developing work group to develop recommendations for website, list serv, and webinar enhancements.
- ✓ Fiscal staff held training for DOH program grant managers with emphasis on sub-recipient agreements and the process for programmatic financial reviews for sub-recipient awards.

B. Promote a culture of organizational excellence

- Explore accreditation initiatives (*Lon Kightlinger*)
- Establish an orientation and knowledge transfer plan for employees (*Colleen Winter*)
- Relaunch employee recognition program (*Kim Malsam-Rysdon*)
- Provide cultural competency training and resources for employees (*Colleen Winter*)

Current Progress:

- ✓ 2015 Secretary's Awards were given for Outstanding Contribution to Public Health (Nick Hill), Excellence in the Workplace (Stacy Ellwanger and Andy Klitzke) and Rising Star (Shannon Muchow).

C. Leverage resources to accomplish the Department of Health's mission

- Promote cross-division collaboration (*Tom Martinec*)
- Explore innovative funding models and partnerships (*Kari Williams*)

Current Progress:

- ✓ No progress to report.