

Strategic Plan Goals PROGRESS REPORT

April – June, 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:

- ✓ Continued to onboard providers to the SD Health Link core Health Information Exchange (HIE). Sixty-three hospitals, 300+ clinics, 2 behavioral health providers and Correctional Health have been brought onboard.
- ✓ Implemented the Program and Resource Online Facilitator (PROF) resource to educate providers about eligibility requirements, forms, and processes for various DOH programs including *All Women Count!* and the SD QuitLine.
- ✓ Partnering with Great Plains Quality Innovation Network on a quality improvement initiative to prevent and reduce *Clostridium difficile* (*C. difficile*) and enhance infection control in nursing homes. Facilities will use a customized system to track infections and help create a national baseline for *C. difficile* infections in nursing homes across the nation.

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:

- ✓ 51 of 60 Rural Healthcare Facility Recruitment Assistance Program slots filled. All 15 slots for the Physician Recruitment Assistance Program filled.
- ✓ Working with Rapid City Fire and the SD Board of Medical and Osteopathic Examiners to establish a mobile medic program in Rapid City.
- ✓ Surveying ambulance services regarding needs/health of services and exploring alternative delivery systems for providing monthly training for EMS providers.

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:

- ✓ Utilized listservs to share regulatory and standards of care information directly with healthcare providers.

- ✓ Working to post final survey results for healthcare facilities online to make more accessible to public.
- ✓ Utilized the Open SD Board Portal to post information for health professional licensing boards under the DOH including information about upcoming meetings, meeting minutes, and financial information.



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:

- ✓ Received CDC funding to conduct the Pregnancy Risk Assessment Monitoring System (PRAMS).
- ✓ Expanded SD QuitLine services for postpartum women.
- ✓ 104 businesses have signed the Breastfeeding-Friendly Business Pledge in Brookings. Codington County Courthouse signed the Breastfeeding-Friendly Business Pledge in Watertown.

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:

- ✓ Worked with the Lemmon Safe Communities coalition to conduct a seat belt check during a local track meet. 92 vehicles were checked and only 53% of drivers and 59% of passengers were wearing seat belts.
- ✓ Local staff in Isabel, Belle Fourche and Brookings worked with local radio stations to present seat belt safety PSA in May.
- ✓ Established a car seat distribution program in the Davison County office; increased the average distribution of car seats from 5 to 13 per month.
- ✓ Partnering with the DPS on a NHTSA assessment of South Dakota's traffic safety data systems. The assessment will look at the six core traffic safety data systems (crash, driver, vehicle, roadway, citation/adjudication, and injury surveillance) and results will be used to develop data-driven activities to address motor vehicle safety and injury prevention.
- ✓ Initiated review of current data and strategies to improve seat belt usage in South Dakota in partnership with DPS.

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 (*Jacob Parsons*)
- Increase individual access to evidence-based education and lifestyle change programs (*Kiley Hump*)

Current Progress:

- ✓ The 2014 colorectal cancer screening grant program made a measurable short-term impact. Funding was targeted to health care facilities to provide patient education on screening options and to implement at least one evidence-based system or policy-level change. Nearly 9,000 patient reminders were sent out from the three health systems over the course of the grant and colorectal cancer screening rates improved by about 11% over the reported baseline period.
- ✓ Launched the Walk, Walk, Walk campaign and contest where South Dakotans can post a photo to the Healthy SD Trails Facebook page sharing their walking experience for a chance to win a FitBit or a pair of walking shoes. The campaign also offers ideas on where to walk, help create new

habits at work or with friends/family, encourage people to increase the walking they do, encourage new destinations, and reinforce the health benefits.

- ✓ Held the Rapid City WorkWell Summit for 60+ participants to provide resources and tools for creating and engaging wellness activities in the workplace.
- ✓ Working with SDSU College of Nursing to assess tobacco use and policies within healthcare facilities to improve tobacco-free policies on buildings and grounds.
- ✓ Providing support and technical assistance to Lake Andes to implement a *Community Walk* audit to assess the built environment and launch 'complete streets' policy efforts creating community advocacy for walkability.
- ✓ Partnered with SD Pharmacists Association to develop the Diabetes Pharmacy Toolkit to provide pharmacists with tools to initiate discussions with patients about the diagnosis and treatment of prediabetes and diabetes.
- ✓ Added Custer Regional Hospital as the eighth location delivering the National Diabetes Prevention Program, a CDC-developed, evidence-based lifestyle change program aimed at assisting adults making healthy changes that will prevent or delay the onset of Type 2 diabetes.



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:

- ✓ Updated administrative rules to require Tdap and meningococcal vaccination for students entering 6th grade and provided information to schools and providers about the new requirements. Developed media campaign to inform the public about the new requirements.
- ✓ Completed immunization assessments for clinics to show clinic-specific immunization rates for 2-year olds and 13-17 year olds.

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, influenza, laboratory biosafety, next generation sequencing, and forensic toxicology.
- ✓ Sponsored two packaging and shipping classes and two laboratory biosafety workshops for clinical laboratory scientists from around SD.
- ✓ Implemented new testing methods including molecular tests to aid in outbreak investigations and for the detection of antimicrobial resistance, serology analyzer for hepatitis and HIV testing, and an automated blood test for TB screening. Also updated equipment to support the Forensic Chemistry section and to support chemical terrorism preparedness.
- ✓ LIMS update for Medical Microbiology and Forensic Chemistry is underway.
- ✓ Designed and performed a Laboratory Biosafety Assessment in the SPHL Medical Microbiology section. The assessment identified several opportunities for biosafety improvement and mitigation is underway.
- ✓ Sponsored Laboratory Biosafety Workshops in Sioux Falls and Rapid City in June 2016. Workshops featured classroom presentations, small group discussions, and hands-on training in the SPHL mobile laboratory. Over 50 participants from 18 laboratories in SD participated including 5 SPHL staff. Participants also include scientists from the Idaho and Montana public health laboratories.

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:

- ✓ Hired an Environmental Public Health Laboratory Fellow at the SDPHL to concentrate on hazardous environmental conditions. The two-year fellowship is sponsored by the SDPHL, Association of Public Health Laboratories, and CDC.
- ✓ Environmental case management system active in MAVEN.

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:

- ✓ Initiated discussions with IHS and Northern Plains Tribal Epi Center to perform an onsite assessment for Syndromic Surveillance at an IHS facility.
- ✓ Hosted a Hospital Preparedness Program Inter-Regional Meeting to bring together leaders from across SD to discuss ways to respond to disease and disaster. The meeting included a training exercise that allowed attendees to practice the new EMTrack app, a web-based patient tracking tool for use by hospitals, EMS, and public health during a large-scale disaster.
- ✓ Participated in emergency management tabletop exercise (tornado impacted the school) in Dupree.

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:

- ✓ All food service and lodging inspections are now conducted electronically. Inspection results are delivered electronically or printed onsite based on operator preference.
- ✓ Beginning development of an online license renewal system with online payment with goal to have system operational for the 2017 renewal season beginning October 2016.
- ✓ Building electronic newsletter circulation by soliciting email addresses from regulated establishments.
- ✓ Provided in-field training to DPS inspectors at temporary summer food events held throughout the state.
- ✓ Working with DCI to revise and streamline sexual assault evidence collection kits for easier use and tracking of evidence.



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:

- ✓ Provided monthly *Suicide in SD* updates to the Secretaries of Health and Social Services.
- ✓ Working on white paper *Suicide Epidemiology in SD* describing high risk groups, geography and trends of self-violence, death, and idealization.

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:

- ✓ Conducting a gap analysis of cause-of-death reports on death certificates to identify ways to improve data collected.
- ✓ Applied for CDC *Prescription Drug Overdose: Data-Driven Prevention Initiative* infrastructure grant.

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:

- ✓ Provided information to local staff regarding the Prenatal Care for Unborn Children Program to ensure appropriate referrals are made to DSS for pregnancy-related coverage for unborn children when the mother is not eligible for Medicaid based on citizenship status.
- ✓ Rapid City staff participated in the Rural American Initiatives Ateyapi: Teen Pregnancy Prevention Advisory Council meeting and presented information on South Dakota's STI/HIV rates and DOH prevention and control programming.
- ✓ Spink County staff partnered with Spink County Extension Office and Redfield Parks and Rec Department to put on a babysitting clinic for kids 12-14. Information was presented on safe sleep and infant care.
- ✓ Working with the Department of Corrections re-entry facility in Rapid City to present information to inmates addressing life skills including sessions on STIs. This will be an ongoing project as new inmates transfer through the facility.
- ✓ Providing referrals to clients served through local office without insurance to ACA navigators or other resources; using social media to share South Dakota resources.



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:

- ✓ Initiated a DOH employee engagement survey to gather employee input on strengths as well as development opportunities to improve DOH operations.

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:

- ✓ Established internal workgroup to assess feasibility and mechanics of achieving accreditation through the Public Health Accreditation Board.
- ✓ Establishing internal workgroup to develop inventory of cultural competency training and resources for employees.
- ✓ Updating the ACES employee evaluation to include section on how employees can incorporate the DOH strategic plan into their individual goals.

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:

- ✓ Working on changes to administrative rules related to collection of fees by the SPHL to reflect current practices and technology.
- ✓ Developing a new fee schedule to bill for immunizations provided at DOH offices.