Vision: A Healthy Community for All

Mission:
Leading a collaborative effort to build a healthier community through improved access to health services, education and disease prevention.
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Board of Health 2015 / 2016

Judy Turner - Chair
Judy Turner is a Special Education/Early Childhood Nurse at Northwest Area Education Agency. Ms. Turner works with families and children, newborn to school age, with actual or potential developmental delays due to medical complications or other factors. Ms. Turner has a long history of working within the Siouxland community and networking with community agencies. Appointed to the Board of Health on January 7, 1997 and is currently serving as the Chair.

Adam Lloyd
Adam Lloyd has a personal and professional background in business finance and is currently the Business Relationship Manager at Wells Fargo Bank. He has a personal passion for the health and safety of our community and wishes to stay abreast of public health issues surrounding our community. Mr. Lloyd has been a Sponsor Family for the 2013 and 2014 Plymouth/Sioux County Heart Walks and has been a Sponsor Family of the March of Dimes 2013 Signature Chef’s Auction. Appointed to the Board of Health on March 11, 2015.

George Boykin
Mr. Boykin has acted as the liaison between the Board of Supervisors and the Siouxland District Health Department since January 1996. He is the Executive Director of the Sanford Center. Mr. Boykin works on behalf of citizens of Siouxland to better our communities and provide necessary services. Elected to the Woodbury County Board of Supervisors in January 1985.

James O’Kane
Mr. O’Kane was an Iowa Representative from 1983-1985. He is currently employed at the Sioux City Journal. Mr. O’Kane has been a member of the Iowa Boundary Commission, Iowa Civil Liberties Union, American Planning Association and Sioux City Planning & Zoning Commission. He represents the business community for the betterment of Siouxland and strives for the promotion of disease prevention. Appointed to the Board of Health on January 19, 1987.

Rod Earleywine, Ed.D.
Currently serving as the Superintendent of Schools for Sergeant Bluff-Luton CSD. Graduated December 2012 with Doctorate in Education Administration. Dr. Earleywine serves the SDHD as a representative of the school districts of Siouxland promoting communication and collaboration between the schools and SDHD. Appointed to the Board of Health on July 26, 2011.

Jeremy Taylor
Following high school, he taught English for 15 years at the high school and university level in New York, Vietnam and here in Sioux City. He enlisted in the Army National Guard and is now a Chaplain (Captain) in the Iowa Guard. He served as a State Representative from 1/10/11 – 1/13-2013 and served on various committees, including Vice Chair on the House Education Committee. Mr. Taylor currently works for the Sioux City School District. Elected to the Woodbury County Board of Supervisors and sworn in January 2015.

Shauna LaFleur, M.D.
Dr. LaFleur is a physician at Family Health Care of Siouxland – Indian Hills Clinic; and her areas of expertise include general and preventative medical care, women’s health including obstetrics and gynecology, pediatrics and acute care. Dr. LaFleur has an interest in public health, health education and disease prevention services for the citizens of Siouxland. Appointed to the Board of Health on April 8, 2014.
Siouxland District Health Department Staff

HEALTH DIRECTOR
Kevin Grieme

DEPUTY DIRECTOR
Tyler Brock

HEALTH OFFICER
Delwyn L. Lassen, MD

DENTAL OFFICER
Dona J. Prince, DDS

CLINICAL LABORATORY DIRECTOR
Julie A. Breiner, MD

ADMINISTRATIVE SERVICES & HEALTH PLANNING
Joy Caudron

Administrative Services Director
- Michelle Lewis
- Angela Drent
- Becky Carlson
- Leann Orr
- Marilyn Cripe
- Jennifer Johnson
- Diana Medina
- Sandy Mortensen
- Stephanie Powell
- Aimee Uhl (beginning 7/20/15)
- Jody Westly
- Andy Pietz
- Tom Calvillo
- Bernard Allassouma
- Adam Lang (through 5/12/16)

Information Technology Specialist
- Andy Pietz

Operations Supervisor
- Tyler Brock
- Patricia Fox
- Sabohi Inam
- Stacy McNear

LABORATORY
- Tyler Brock

Laboratory Director
- Patricia Fox
- Sabohi Inam
- Stacy McNear

ENVIRONMENTAL HEALTH
Michelle Clausen Rosendahl

Environmental Director
- Ron Brandt
- Ivy Bremmer (beginning 9/28/15)
- Glenn Eckert (through 7/2015)
- Nichol Foreman
- Taylor Hudson (beginning 5/13/16)
- Doyle McKeever (through 7/15/15)
- Tom Miller
- Ben Muggenberg (beginning 8/17/15)
- Alicia Sanders
- Zoe Sullivan (through 9/17/2015)

NURSING
- Linda Drey

Nursing Director
- Mona Scaletta
- Kellie Zvirgzdinas
- Amy Alford

Nursing Coordinator
- Hmkr/HCA Program Case Manager
Lori Baldwin
Stephanie Bernhardt (beginning 12/28/15)
Sarah Blatchford
Ivy Bremer (transferred 9/28/2015)
Emily Clayton (transferred 2/29/16)
Denise Cockburn
Belinda Cole
Leslie Franco
Sheila Garvin
Gabriela Hernandez
Amber Hunwardsen
Lori Jackson
Ana Lopez
Susan Nielsen (through 12/30/15)
Lori Oetken
Kathleen Reynolds (beginning 12/10/16)
Julie Sampers
Nancy Webb
Merilyn Worrell

NUTRITION

Nutrition Services Director
Sharon Schroeder

I-Smile Coordinator
April Padgett
Kathy Moreno
Emily Clayton (beginning 2/29/16)
Lorraina Denney (through 6/19/16)
Jeannette Ford
Colleen Johnson (through 2/25/16)
Stephanie Kotalik
Laurie Kuchera (through 6/17/16)
Jennifer Lafferty
Allyson Larson
Rosa Lupercio
Lidia Marquez
Megan Miller
Anna Salem (through 6/19/16)
Jean Sterner
Sneha Virippil
Mindi Weeks
Volunteers

Administration Division
Tylene Woods
Marlene Yarosevich

I-Smile™ Oral Health Program
Christy Andersen
Clarissa Fuehrer
Jan Monahan
Sue Nielsen
Maridell Standish
Tylene Woods

Morningside College Nursing Students
Samantha Adams
Malaika Burke
Marissa Childress
Nate Crnkovich
Johanna Croll
AnneMarie Davis
Amy Grause
Shelby Hall
Kelsie Houpt
Emily Keim
Stacey Petersen
Brittney Rupp
Tari Kay Schauer
Courtney Schumacher
Shayla Simms
Megan Wolf
**Message from the Director**

Many of us are aware of the positive impact that immunizations have had in preventing vaccine preventable diseases. In fact, immunizations have been identified as one of the 10 greatest public health accomplishments. The results of this program have reduced the number of days of absenteeism in both the workplace and school settings. If people are working and kids are in school, the impact of these diseases is greatly reduced.

In addition to immunizations, there are many strategies that can be utilized to support the health and well-being of Woodbury County residents. How many realize the positive impact that walkable sidewalks can have on resident’s health. This is work that we have been doing not only with Sioux City staff, but also in the communities of Lawton, Moville and Sloan. These communities have been mapped out and an assessment of their sidewalks has been completed. From this assessment, they have identified plans for improving their sidewalks. Many of these are not only looking at current sidewalks, but how to incorporate or develop walking paths that are connected within these communities.

We also care about the places where residents reside. Our Healthy Homes coalition looks at health issues that could be present in the homes where we live. This has expanded from lead to radon and now looks at other safety factors to be addressed. Over the past year alone, we have experienced a 500% increase in purchasing of radon test kits. With these results, residents and landlords have installed mitigation systems to reduce this threat. The work is not all done by SDHD staff, but in cooperation with our many community partners.

As a part of our Women, Infant and Children program, we have now transitioned over to the new E-WIC system. This system now provides the WIC benefits on an EBT type card. WIC clients will now be able to scan this card in the checkout lane and any products that meet the guidelines will be reduced from the total bill. These benefits are combined with nutrition education and health assessments targeted at identifying any issues that might arise that would contribute to long term health conditions.

As you can see, Siouxland District Health is working to create long term change to positively impact the health and well-being of Woodbury County residents. The success of these services is contributed to the work of SDHD employees and the support of the many community partners. There is little that we can do as an individual organization to have this impact.

"Alone we can do so little, together we can do so much." --Helen Keller

Thanks for your time!
Kevin Grieme, Director
# STATEMENT OF REVENUES AND EXPENDITURES

## Revenues

### Fees and Permits

<table>
<thead>
<tr>
<th>Description</th>
<th>Year to Date 2015-2016</th>
<th>Year to Date 2014-2015</th>
<th>Year to Date 2013-2014</th>
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</thead>
<tbody>
<tr>
<td>Environmental Woodbury Co.</td>
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<td>Environmental Total</td>
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<td>VFC Administration Fees</td>
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## Grants

<table>
<thead>
<tr>
<th>Description</th>
<th>Year to Date 2015-2016</th>
<th>Year to Date 2014-2015</th>
<th>Year to Date 2013-2014</th>
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<td>MIECHV Grant</td>
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<td>CARE FOR YOURSELF</td>
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<td>Iowa Get Screened</td>
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<td>Region 3 Coalition</td>
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<td>60,539.80</td>
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<td>Drug Testing</td>
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<td>Drug Testing Fees</td>
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<td>Oral Health</td>
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<td>Community Transformation</td>
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<td>Nutrition Program</td>
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<td>Childhood Lead Poisoning</td>
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<td>Lead Testing Fees</td>
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<td>HUD Lead Grant</td>
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<td>Mini Wellness Grants</td>
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<td>32,262.53</td>
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<tr>
<td>---------------------------</td>
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<tr>
<td>PICH Grant</td>
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<td>IDPH Self-Management</td>
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<td>QI Project for Public Health</td>
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<td>Public Health Accreditation</td>
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<td>Breastfeeding Peer Counseling</td>
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<td>WIC</td>
<td>738,671.32</td>
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<td>WIC Misc. Receipts &amp; Reimb.</td>
<td>22.45</td>
<td>2,109.42</td>
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<tr>
<td>Child Health</td>
<td>237,033.64</td>
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<td>171,961.67</td>
<td>129,834.39</td>
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<td>Total Grant Revenue</td>
<td>2,681,723.19</td>
<td>2,278,110.77</td>
<td>2,304,989.65</td>
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</tbody>
</table>

**Payroll accrual Adjustment**

| Total Revenue          | 3,475,874.70 | 3,037,505.91 | 3,073,269.98 |
| Local Tax Asking       | 2,225,226.00 | 2,166,619.00 | 2,186,295.00 |
| **TOTAL REVENUES**     | **5,701,100.70** | **5,204,124.91** | **5,259,564.98** |

**Expenditures**

| Nursing Services       | 796,350.23 | 753,021.07 | 770,008.30 |
| Immunization Billing Services | 0.00 | 3,135.08 | 24,897.42 |
| Tobacco Grant          | 51,427.69 | 51,301.27 | 53,172.52 |
| MIECHV                  | 126,215.19| 145,374.57| 136,897.20 |
| Maternal Health        | 89,943.56 | 121,499.59| 172,060.57 |
| TB                     | 3,021.66 | 1,793.88 | 0.00 |
| SCCAN HOPES Contract   | 8,416.13 | 8,099.75 | 7,614.52 |
| Infant Mortality       | 227,677.44| 234,569.62| 236,394.32 |
| Laboratory             | 413,829.67| 427,183.98| 413,131.30 |
| Well Testing/Plugging  | 12,068.00 | 8,695.00 | 8,395.00 |
| I- 4 Project           | 49,116.07 | 42,871.35 | 47,354.39 |
| SCCAN Prevent Child Abuse Contract | 10,493.63 | 10,398.48 | 10,346.46 |
| Region 3 Coalition     | 0.00 | 15,072.51 | 59,997.73 |
| Nutrition Program      | 4,914.27 | 15,882.41 | 13,638.50 |
| Breast/Cervical Cancer | 84,889.13 | 78,598.30 | 47,346.78 |
| Environmental          | 665,094.44| 680,039.52| 633,398.61 |
| NACDD Grant            | 4,958.67 | 0.00 | 0.00 |
| Childhood Lead Poisoning | 27,089.97 | 22,731.18 | 37,714.04 |
| HUD Grant              | 1,356.38 | 972.27 | 15,392.50 |
| Mini Wellness Grants   | 8,852.54 | 7,078.06 | 11,923.12 |
| PICH Grant             | 154,255.63| 47,645.39 | 0.00 |
| Community Transformation | 0.00 | 23,689.75 | 63,935.91 |
| Local Emergency Preparedness | 89,785.79 | 96,581.30 | 95,925.47 |
| Drug Testing           | 27,322.43 | 28,215.43 | 29,937.93 |
| MINI Wellness Federal Grants | 2,130.40 | 0.00 | 0.00 |
| Oral Health            | 80,126.42 | 71,117.32 | 79,784.44 |
| Administration         | 1,343,237.91| 832,913.24| 807,296.05 |
| WIC                    | 746,876.41| 742,032.36| 703,492.96 |
| Child Health           | 402,620.67| 340,558.26| 4,644.23 |
| PH Services-Homemaker Services | 256,973.62 | 257,442.60 | 255,510.96 |

**Period Thirteen**

| Total Expenditures      | 5,879,935.99 | 5,278,510.36 | 4,949,040.93 |

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Siouxland District Health Department
### Changes in Fund Balance

<table>
<thead>
<tr>
<th></th>
<th>Fiscal Year 2015</th>
<th>Fiscal Year 2016</th>
<th>Increase / Decrease</th>
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<tbody>
<tr>
<td>Excess of Revenues over Expenditures</td>
<td>(178,835.29)</td>
<td>(74,385.45)</td>
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<td>Other Sources **</td>
<td>1,903.73</td>
<td>(135,674.73)</td>
<td>(217,004.00)</td>
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<td>Inc. / (Dec.) in Fund Balance</td>
<td>(176,931.56)</td>
<td>(210,060.18)</td>
<td>93,520.05</td>
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#### Fund Balance

<table>
<thead>
<tr>
<th></th>
<th>Fiscal Year 2015</th>
<th>Fiscal Year 2016</th>
<th>Increase / Decrease</th>
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<tr>
<td><strong>Fund Balance July 1, 2015</strong></td>
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<td>1,551,996.40</td>
<td>1,458,476.35</td>
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<td>Inc. / (Dec.) in Fund Balance</td>
<td>(176,931.56)</td>
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<td><strong>Fund Balance June 30, 2016</strong></td>
<td>1,165,004.66</td>
<td>1,341,936.22</td>
<td>1,551,996.40</td>
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** FY14 Includes $217,004 Intergovernmental Fund Transfer  
** FY15 Includes $133,771 Intergovernmental Fund Transfer
Core Public Health Functions and Essential Services

Since the publication of *The Future of Public Health* (Institute of Medicine, 1989), public health leaders have worked diligently to define the mission, activities and performance measures of public health. The three core functions of public health (assessment, policy development and assurance) explain the mission of public health. The 10 Essential Services define the activities and services of public health agencies.

The Core Functions serve as definitions and the Essential Services clarify actions for each of the three Core Functions. All three compose the framework within which the public health system operates.

The diagram below is from *The Public Health Competency Handbook 2002*. It is used to illustrate the dynamic system of Public Health Core Functions and Essential Services.

The Core Functions are the guiding principles of assessment, policy development and assurance. These make a continuous system that flows from one principle to the next. The 10 Essential Services expand the guiding principles of assessment, policy development and assurance.

**Assessment** is expanded into:

1. Monitoring Health Status and
2. Diagnosis/Investigation.

**Policy Development** expands into:

3. Informing, Educating and Empowering,
4. Mobilize Community Partnerships and

**Assurance** expands into:

6. Enforcement of Laws and Regulations,
7. Links to Providers of Care,
8. Assure a Competent Workforce and
9. Evaluation/Accountability.

The 10th Essential Service - Research and Innovation-links into the other nine essential services.
Administrative Services Division

This Division consists of a Quality Assurance Coordinator, Health Planning & Development Coordinator, Health Planner, Health Educator, Information Technology Technician, seven administrative support employees and an Administrative Services Director.

This year SDHD employed 59 full time employees and 7-part time employees. SDHD contracts with a Health Officer, a Dental Officer and a Clinical Laboratory Director.

The Administrative Services staff provide support to the Siouxland District Health Department (SDHD) including fiscal management, customer service, building management, purchasing, information management, Medicare and Medicaid billing, licensure and inspection reporting for food and lodging facilities, as well as inspection reporting for swimming pools, tanning and tattoo facilities for 11 counties, computer support, health statistics, fiscal grant management, human resources and other special projects.

As in past years, we are involved in the fiscal responsibilities and human resources and have become much more proficient in our data and Administrative responsibilities.

Grant Fiscal Management

The Administrative staff conduct the fiscal management for 35 Federal and State Grants. We are also fiscally responsible for several small “one time” grants allocated to SDHD. The Partnership in Community Health Grant (PICH) federal funding through CDC continues to require additional billing and reporting aspects.

Administrative staff continues to meet new challenges with larger and more complicated fiscal grant responsibilities. We strive to become more efficient in our Administrative responsibilities. Audits have been conducted by representatives at Federal, State of Iowa and local levels. They all continue to commend SDHD for compliance and internal control regarding reporting and meeting requirements of Federal and State code.

<table>
<thead>
<tr>
<th></th>
<th>FY 2015-2016</th>
<th>FY 2014-2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDHD EXPENDITURES</td>
<td>$5,879,935</td>
<td>$5,278,510</td>
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<tr>
<td>SDHD REVENUES</td>
<td>$5,701,100</td>
<td>$5,204,124</td>
</tr>
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</table>

These staff has also taken an active part in various Committees, such as, Policy and Procedure Committee, Safety Committee, IT (Computer) Committee, Healthy Siouxland Initiative, Public Health Emergency Preparedness Planning, Healthy Homes Coalition, Employee Wellness, Maternal Health Program and Quality Improvement.

Our cooperative working relationship with Woodbury County Information and Communication Center (WCICC) has proven to be a great asset for SDHD. The shared IT Technician continues to monitor and assist staff with problems. During this past year he has continued to work closely with Administration for computer education, problem solving and planned replacement of computers, printers, fax machines and copiers. During this year he has also provided setup
and training for four new employees; support and frequent updates to the PICH database; configured and trained two employees for Microsoft Surface Pro 4; installed internet access in Correctionville for our WIC clinics; set up two new HDTVs for the Woodbury County Fair; IT Consultation on Tyco security upgrades; updated SDHD computer for State EVMS scoring compliance; worked with State to resolve sync issue with all Food Safety laptops in Environmental Division; provided excellent support during the renovation project to include relocation of computers, printers, phones and faxes multiple times to accommodate the renovation; consulted with contractors and Managers for location of network access; replaced 10 State computers for compliance with IDPH vulnerability reporting.

The Division continues to develop a Medical Reserve Corps of volunteers to bring people and community needs together through and participate in strategic initiatives that mobilize volunteers to meet local community needs.

The Operations Supervisor continues with additional building responsibilities, building security as well as responsibility for the SDHD vehicle fleet. During the past year, Siouxland District Health Department completed a major renovation project that merged all clinic services. Larger exam rooms, a more conveniently located vaccine preparation room and an additional classroom and storage capacities are other highlights of the project. The renovation is intended to add efficiency to service delivery by eliminating physical barriers for programs that could benefit our clients. Two divisions have now been brought together into a single space creating more opportunities for collaboration and teamwork to further improve services.

Additionally, lighting in the building has been completely converted to LED lights through a Woodbury County project intended to dramatically increase efficiency and cut energy costs.

SDHD continues to improve building security by adding additional surveillance cameras. Part of the clinic remodel also included adding card readers to doors accessible to the public to ensure that authorized personnel only are accessing entry via those doors. Another feature of the lights being converted to LEDs is the addition of lights that remain on at all times as a deterrent to vandalism as well as providing better surveillance when the building is closed for the night.

Committees

The Policy and Procedure Committee continues to review and update policies. Fifteen new and/or revised policies have been approved by the Committee and approved by the Board of Health.

The IT Committee continues to work on and update the SDHD user-friendly website. The website continues to be a useful resource for public health information relating to current events. The domain name for the website is siouxlanddistricthealth.org. During this year SDHD continued to expand our presence in social media with more regular posts on Facebook and Twitter using HootSuite. Our website page views increased to as high as 17,064 and averaged 15,865 per quarter during the year. Our Facebook “Likes” also increased during the year from 585 to 717, and our Twitter followers
increased from 185 to 296. During the year, we posted five job vacancies through social media.

The Safety Committee continues to meet monthly to monitor and address safety issues for building staff and clients, which include required drills to meet Federal and State mandates.
Health Planning

Healthy Siouxland Initiative (HSI)

Healthy Siouxland Initiative is a collaborative health planning coalition comprised of local health care providers, board of health members, educators, human service personnel, physicians, individual citizens, religious leaders, social agency staff, and law enforcement officials. HSI has nearly 100 representatives from over 30 organizations in Siouxland.

HSI Vision

A healthy, safe community in which individuals/families can live and grow to their full potential.

HSI Mission

To build partnerships that assure a healthy and safe community.

HSI Goals

1. To collect and analyze health data every 3-5 years.
2. To create a Community Health Needs Assessment and Health Improvement Plan for Woodbury County every 3-5 years.
3. To bring providers together to network, share what their role is within the community, and to educate partners on community health issues.
4. To promote the coordination of services in the community.

HSI meets monthly at the Siouxland District Health Department (SDHD) to network, discuss health needs in the community and to be educated on a variety of programs in the community. Some of the highlighted education sessions in FY15/16 were:

- Community Health Needs Assessment Planning Meeting
- Sioux City Community School – Mental Health and Mental Health First Aid Pre-Diabetes Prevention Program at the YMCA
- Mercy’s Kid Fit program with the Sioux City Community Schools
- Siouxland Mental Health – 24/7 Regional Assessment and Stabilization Center
- Jackson Recovery’s Underage Binge Drinking Grant

HSI assumes a broad definition of “community” and strives to be inclusive through working with other local planning efforts and coalitions. Key to the groups work is a broad definition of “health” that means much more than the absence of disease. Health includes “quality of life” issues such as life style and behavioral choices, personal genetic endowment, socioeconomic issues, and the cultural and physical environment around us. “Quality of Life” often means different things to different people but does have some common elements. For our purposes, we define a good quality of life to mean that individuals and families living in
Woodbury County feel safe from crime, live in affordable and high quality housing, and have access to healthcare, education and employment. Although these are basic expectations for any community, they transcend economic status, age, race, household composition, or any other demographic characteristic.

SDHD and the Siouxland District Board of Health are responsible for the Core Function of Assessment in public health services. This assessment is required every five years and is intended to assess previous progress in identified needs and gaps, as well as identify any new and emerging issues that may be challenging the health and wellness of Woodbury County Residents. During 2015, Siouxland District Health Department collaborated with Mercy, Unity Point - St. Luke’s and the Dunes Surgical Hospital, to complete the first joint community needs health assessment for the Tri-State area.

The assessment was completed in Feb. 2016, after spending much of 2015 analyzing data and holding a community input meeting at Mercy with several planning partners to discuss the findings of the preliminary data. Each of the four organizations, including SDHD completed their own Health Improvement Plan that will guide them over the next three years on how they will focus on the seven identified areas of need.

Health Improvement plans were developed based on identified needs in the following areas:

- Tobacco/Substance Abuse
- Housing
- Teen Pregnancy
- Mental Health
- Access to care
- Cancer Screenings
- Obesity Rates

A complete copy of SDHD’s 2016 Community Health Needs Assessment can be located at:

http://siouxlanddistricthealth.org/servicesclinics/health-planning/-chnahip.html

**Tobacco Use and Community Partnership Grant**

Tobacco Free Siouxland is the Woodbury County based coalition that supports the reduction of the use of tobacco. The coalition meets quarterly to discuss tobacco issues in Woodbury County and serves as the coalition for the Community Partnership grant SDHD holds with the Iowa Department of Public Health. The Tobacco Coordinator, who facilitates the Tobacco Free Siouxland meetings, also provides the day to day work on the Community Partnership Grant.

During FY15/16 our Tobacco Coordinator:

- Worked with two additional multi-unit housing complex in developing smoke free grounds policies. Currently there are 19 multi-unit complexes in Woodbury County that are smoke free.
• Provided education to area school classes on tobacco prevention totaling 1,095 students. North Middle School, Sunnyside Elementary School and Mater Dei Nativity Schools participated.
• Worked with businesses in Woodbury County to implement a policy that will provide smoking cessation programs to their employees. Two additional worksites (Family Health Care and Community Action Agency of Siouxland) implemented Tobacco Free policies bringing the total to 14 tobacco free worksites in Woodbury County.
• Worked with area medical and dental clinics to train staff on the 2A’s and R (Ask, Advise & Refer). Mercy Singing Hills Family Medicine, Siouxland Community Health Center, Dr. Shaw’s Dental Clinic and Dental Depot participated.
• Promoted the use of Quitline Iowa.
• Utilizing the Sioux City Mayor’s Youth Commission, and the Standardized Tobacco Assessment for Retail Settings (STARS) tool, students assessed 58 licensed tobacco retailers in the hope of identifying future policy ideas to limit tobacco use in Woodbury County.

**Wellmark Grant**

SDHD was awarded a Wellmark Kickstarter Grant that allowed them to provide funds to five Woodbury County businesses to implement on-site gardens for their employees. The funds allowed for the purchase of infrastructure items such as fencing, wood for individual plots or ADA raised plots, topsoil, mulch, and a variety of gardening tools.

The worksites who partnered with Siouxland District Health Department included: Briar Cliff University, New Perspectives Inc. (NPI), Opportunities Unlimited (OU), Sabre Industries, and Siouxland District Health Department.

**Partnership to Improve Community Health Grant (PICH) – Live Healthy Siouxland Coalition**

SDHD and the Live Healthy Siouxland Coalition were awarded a 3-year Partnership to Improve Community Health Grant through the CDC beginning in Oct. 2014. The grant provides funds to address chronic diseases and their associated risk factors, such as limited access to healthy foods and limited opportunities for physical activity in Woodbury County.

Focus areas for FY15/16:

• Increased healthy vending and cafeteria options in four worksites, including Woodbury County Building locations, Siouxland Community Health Center, Knoepfler Chevrolet, and Mercy Medical Center.
• Implemented worksite gardens and Fresh Produce Policies at four area worksites, including Briar Cliff University, New Perspectives Inc. (NPI), Opportunities Unlimited (OU), and Sabre Industries.
• Continued the Fruit and Vegetable Prescription Program at three area clinics, Siouxland Community Health Center, Unity Point Clinic Family and Internal Medicine at Sunnybrook, and Unity Point Clinic Medicine at Sergeant Bluff and added two more additional programs at June E. Nylen Cancer Center and Mercy Singing Hills Clinic. Between all four centers nearly 200 prescriptions were written and redeemed for fresh produce, which was donated from Up From the Earth.

• Worked with four local child care centers to complete the Nutrition and Physical Activity Self-Assessment for Child Care Centers. Several environmental and nutritional improvements were made at each of the centers which included: Stella Sanford Child Care Center, Angel House, Mary Elizabeth and Morningside Apple Tree.

• Collaborated with one rural community to implement Complete Street Policies and two schools for Safe Routes to School Policies. Year 2 community included Lawton, while schools were Lawton-Bronson and Westwood.

National Association for Chronic Disease Directors Grant – Reaching People with Disabilities through Healthy Communities

SDHD was among ten communities that were selected nationally to partner with the National Association for Chronic Disease Directors and the CDC to make healthy choices easy and accessible by removing barriers and providing needed assistance and resources to all community members at all levels. The goal is to eliminate health disparities for people living with disabilities. This grant is an 18-month project.

Accomplishments during FY15/16:

• SDHD sent an Assistant Coach (Dawn Kimmel/SIMPCO) and Lead Coach (Angela Drent/SDHD) to a 2-day training in Birmingham, AL to learn about the Community Health Inclusion Index (CHII) Assessment and Guidelines, Recommendations, Adaptations Including Disability (GRAIDS) framework process.

• The coaches then completed 18 onsite CHII assessments at local worksites, schools, community settings, and clinical locations.

• Work plan for the remaining 12 months was completed based of off CHII results. Areas of focus will be:
  o Improving accessible parking
  o Making environmental improvements at food venues
  o Increasing number of accessible gardens and gardens with assistive technology
  o Increase the number of sites with inclusive physical activity equipment
  o Help promote awareness of accessible recreational opportunities in Sioux City

IDPH Chronic Disease Program Grant

SDHD received funding from IDPH to promote the local Diabetes Self-Management Education Program and Diabetes Prevention Programs to area physician offices. The local Health Educator worked with health care providers to develop and maintain a referral system to these community-based
programs offered through Unity Point-St. Luke’s, Mercy Medical Center and the Siouxland YMCA. Six outreach visits were held with medical offices, in which a local toolkit was provided to their office manager, health coach or nursing staff that outlined the features of the various diabetes programs. Clinics visited were: Unity Point Health – Sunnybrook, Unity Point Health – Sergeant Bluff, Siouxland Community Health Center, Mercy Medical Clinic – Singing Hills, Family Health Care – Indian Hills, and Family Health Care – Dakota Dunes.

**Worksite Wellness**

The Worksite Wellness Coordinating Council is organized to serve in a coordination capacity to provide support. There are currently over 50 businesses represented within this group who meet monthly for education and sharing of ideas that they can use in their worksites. The Wellness Council of Iowa/Wellness Council of America is a source of information that is accessed for guidance of the efforts of this group. Support is provided to businesses for health risk assessments and data collection, educational worksite wellness programs and incentives, program evaluation, as well as system and environmental level changes. This group also provides suggestions for updates and content of the www.livehealthysiouxland.org website. FY15/16 education topics included:

- Jolly Time Popcorn – Wellness Spotlight tour
- Ergonomics in the Workplace
- Evaluating Worksite Wellness Programs
- Consumer Credit Counseling available for employees
- Transforming Your Company’s Musculoskeletal Well-Being by Working Smart and Living Well
- Palmer Candy – Wellness Spotlight tour
- Stress & Resilience in the Workplace
- Worksite Gardens
- Assessing Your Worksite Environment for Employee Health

**Prevent Child Abuse**

Our Strengthening and Empowering Families program is funded as a sub contract through Siouxland Council on Child Abuse and Neglect. This home-based visitation programming intends to strengthen, support, and empower Woodbury County families with children 0-5 years by providing them with the resources, skills, and knowledge to assist them in providing for and nurturing their children. Families complete an assessment, identify an individual or family goal as it relates to their child’s development, create an individualized education plan, and complete an evidence based program in an area of child and family development. Families may choose to earn an essential health or safety item upon completion of their evidence based program.

During FY15/16 24 families with 53 unduplicated children were served during 113 home visits. Our Health Educator uses a standard research based evaluation tool called the Protective Factors Survey for program evaluation. This survey is completed by parents before and after completion of their evidence based program. FY15/16 results are shared below:
61% of participating families improved or maintained **healthy family functioning, problem solving, and communication**
56% of participating families increased or maintained **social supports**
67% of participating families are connected to additional **concrete supports**
78% of participating families increased knowledge about **child development and parenting**
75% of participating families improved **nurturing and attachment** between parent(s) and children

### Health Education and Outreach

Our Health Educator participates in several community, school and worksite health fairs each year. During FY15/16 public health education and outreach was made available to nearly 45,000 individuals at these area events:

- Woodbury County Fair
- Sunrise Retirement Employee Health Fair
- Family Health Care Diabetes Fair
- Western Iowa Tech. Community College Health Fair
- City of Sioux City Employee Health Fair
- Community Action Agency of Siouxland – Early Childhood program
- Woodbury County Employee Health Fair
- Red Ribbon Community Kick-off Event
- Community Action Agency of Siouxland – Centering on Centers Conference
- Hy-Vee Store Health Expo
- Briar Cliff Health Counseling Fair
- Head Start/Early Head Start Fair
- Sioux City Faces of Siouxland Event
- Mercy Kid’s Safety Fair
- Unity Point St-Luke’s Perinatal Fair
- Moville Days
- Woodbury County Day at Courthouse
Nursing Division

Health Maintenance Program

The Health Maintenance Program provides services to Woodbury County clients with a stable, chronic medical condition. Services are provided to persons that do not meet the requirements for skilled home health services, but still need to receive nursing services to help them maintain their current level of functioning and prolong their ability to remain in their own home. Referrals are accepted from physicians, families, hospitals, home health agencies, social service agencies, etc. Admission to the program is based on client needs and program admission criteria including financial guidelines.

Public Health Nurses provide home visits to Health Maintenance clients to:

- Coordinate health care with a physician, pharmacy, community agency or caregiver.
- Monitor medication compliance: medication set up; and educating the client on medications.
- Assessment of a client’s physical, emotional and safety to maintain current level of functioning. This includes referrals to other community resources for services to maintain independence.

FY 15 Program Data

Annual client satisfaction surveys conducted had a 96% response rate from clients. Results found that:

- 96% of clients reported that they learned to care for themselves.
- 100% of clients reported that they could stay in their own home because they received the Health Maintenance service.
- 100% of clients would recommend the program to others.

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th># of Clients</th>
<th># of Home Visits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 14</td>
<td>41</td>
<td>529</td>
</tr>
<tr>
<td>FY 15</td>
<td>36</td>
<td>524</td>
</tr>
<tr>
<td>FY 16</td>
<td>30</td>
<td>586</td>
</tr>
</tbody>
</table>

Homemaker/Personal Care Program

The Homemaker/Personal Care Program provides services to Woodbury County clients in their homes to maintain and prolong their ability to remain independent in their home by promoting a healthy, safe, stable and sanitary home environment. Homemaking services include but are not limited to assistance with personal care (assisting with bathing; transferring in and out of tub/shower; hair care; shaving; dressing), client education, meal preparation, essential shopping and basic housekeeping. Referrals are accepted from physicians, families, hospitals, home health agencies, social service agencies, etc. Admission to the program is based on client needs and program admission criteria, including financial guidelines.
FY 15 Program Data
Client satisfaction surveys were conducted had a 96% response rate. Results revealed that:

- 100% of clients stated they could remain in their home because of receiving Homemaker/Personal Care services.
- 100% of clients would recommend the program to others.

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th># of Clients</th>
<th># of Hours of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 14</td>
<td>84</td>
<td>5,107</td>
</tr>
<tr>
<td>FY 15</td>
<td>86</td>
<td>5,469</td>
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<tr>
<td>FY 16</td>
<td>62</td>
<td>5,203</td>
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</tbody>
</table>

HOPES – HFI

SDHD has been a long-standing provider of the Healthy Opportunities for Parents to Experience Success (HOPES) program that follows the nationally recognized research-based home visitation model from Healthy Families America (HFA). The program provides support to overburdened families by identifying barriers and helps families develop an individualized family support plan based on the family’s strengths and needs. Our program has been recognized and awarded the Healthy Families America full accreditation status by Prevent Child Abuse America.

The target population for the HOPES program is families living in Woodbury and Ida County who are pregnant or who deliver at Unity Point St. Luke’s hospital, families who receive services from WIC program and those families that screen positive using an established screening tool. Families who meet eligibility criteria must enroll before their infant is three months of age. Services are offered voluntarily and are intensive over a long-time frame. Services may begin during pregnancy or at the birth of a child and can continue for up to 5 years of the child's age. The program has these overarching goals:

- Promote optimal child health and development,
- Improve family coping skills and functioning,
- Promote positive parenting and family interactions and,
- Prevent child abuse and neglect, as well as infant mortality and morbidity.

The HOPES program serves Woodbury and Ida County families and is 100% grant funded (Iowa Department of Public Health, Siouxland Human Investment Partnership and Prevent Child Abuse Iowa). In FY 16, HOPES served 99 families. A total of 1,073 home visits were completed. 31% of
participating families enrolled prenatally. Demographic family data analysis found risk factors that enrolled families had:

- Low maternal educational attainment
- Family poverty
- Reported depression and/or substance abuse
- Domestic violence/family problems

Enrolled families also were found to have strengths identified at enrollment such as:

- Being married or partnered
- Mother and child having health insurance
- Enrollment prenatally into HOPES

SDHD HOPES/HFA program continued participation in research projects at the local, state and federal program in FY 16. Each HOPES funder developed and refined specific data indicator sets that SDHD was required to collect. Data elements collected were not able to be incorporated together into a single set of program outcomes. With a change in a database collection tool we hope to be able to report next year with a combined set of outcomes for our HOPES program. Program data collected is being used to inform and educate policy makers on the benefits and success of the HFA program. Research continues to show that the HOPES/HFA program can change the lives of children and families by decreasing parental stress, assuring healthy children and resilient/self-sufficient families.

Partial program outcomes for the SDHD HOPES/HFA program showed strong outcomes for participating families in FY 16. These outcomes found that participating families:

- Improved or maintained health functioning, problem solving and communication – 89%
- Increased or maintained social supports – 64%
- Were connected to additional concrete supports – 92%
- Increased their knowledge about child development and parenting – 75%
- Improved nurturing and attachment between parent(s) and child(ren) – 64%
- Parental support for their child(ren) learning and development – 86%
- Improved in parental education or employment – 88%

**Childhood Immunization**

The VFC Program was created to help raise awareness about childhood immunizations, especially amount infants and young children. The VFC Program provides federally purchased vaccine
to the Iowa Department of Public Health (IDPH) for eligible children birth through age 18 at no cost to public and private health care providers in Iowa.

SDHD’s VFC Childhood Immunization Program promotes age-appropriate vaccinations for children from birth through age 18 who meet federally established eligibility. The program provides education to parents and medical providers about the importance of vaccinating children. SDHD’s program is one of the largest VFC providers in Iowa. The program is financially supported with federal vaccine provided by IDPH, grant funds from IDPH, Iowa Medicaid administration fees, client fees and local tax dollars.

**Iowa Care for Yourself Program**

The Care for Yourself (CFY) program has an emphasis on reducing mortality in Iowa women from breast and cervical cancer and heart disease through early detection, screening and education. The program is grant funded by the Centers for Disease Control (CDC). SDHD has bilingual certified health coaches that coordinate the program by providing client outreach, enrollment and case management services in Woodbury, Plymouth, Sioux, Lyon, O’Brien, Cherokee, and Ida counties.

During FY 16 435 women received screening mammograms, pelvic exams, pap smears, clinical breast exams and screenings for cardiovascular disease and diabetes. The program partners with area medical providers to encourage their participation in the program.

**Adult/Travel/Influenza Immunization Program**

Vaccines are not just for kids; adults need ongoing protection against vaccine preventable diseases. SDHD provides an array of adult vaccines and vaccines for foreign travel to protect individuals from diseases that are still common in many parts of the world. SDHD is a CDC Yellow Fever designated vaccine clinic. A total of 671 doses of vaccine were administered in the adult/travel immunization program to 460 clients. In addition to providing vaccines in our office, SDHD offered two rural influenza (flu) clinics in Moville and Correctionville in the fall of 2015. Influenza vaccine was targeted to CDC recommended people (all people 6 months of age and older).
SDHD provided consultation following CDC recommendations about vaccines for individuals of all ages in our office, to area physician offices by phone and through facilitation and hosting the Tri-State Immunization Coalition. The Coalition meets several times each year at SDHD. Public Health Nurses provided updates for many vaccines including education presentations about specific vaccines or populations during Coalition meetings.

**Sexually Transmitted Disease (STD) Program**

The Sexually Transmitted Disease (STD) Program goal is to control and/or eliminate sexually transmitted diseases. SDHD provides free education, counseling, examination, and treatment of persons with sexually transmitted diseases. Public Health Nurses provide this service in partnership with laboratory staff. In FY 16 a total of 218 female STD exams were completed.

**Tuberculosis Program**

Tuberculosis is a highly contagious infectious disease. SDHD provides education, testing, consultation, medication management, and linkage to medical providers for individuals in Woodbury County with TB. In Calendar Year 2015 (January – December) Woodbury County experienced an increase in active TB clients. Individuals with active TB are closely monitored and receive Directly Observed Therapy (DOT). DOT involves watching each client take their medication daily. DOT remains the best way of assuring compliance with the prescribed TB medication regime.

Education of health care workers, employees, and the public is an important focus of the TB program. Staff case manages all clients with active TB as well as latent TB. Clients who have had latent TB have been exposed to an active TB case but are not contagious. They are encouraged to complete a medication regimen to reduce the risk of having active TB at some time in their life. The average number of individuals receiving medication for latent TB in calendar year 2015 was 40 per month.

**Community Outreach**

Public Health Nurses are involved in a significant amount of community outreach activities each year. Staff participates in various community committees and work groups such as: Healthy Siouxland Initiative, Siouxland Human Investment Partnership (SHIP) Early Childhood Large/Small Group, Tri-State Immunization Coalition, School Social Health Teams and Early Intervention Services. Public Health Nurses also provide education to Woodbury County residents through media interviews, educational presentations and written articles.
Nutrition

Special Supplemental Nutrition Program for Women, Infants, and Children (WIC)

SDHD provides the Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) for Woodbury County funded through the Iowa Department of Public Health. WIC is a federally funded nutrition program serving pregnant, breastfeeding, and postpartum women, infants, and children up to age five. Nutrition assessment, education, supplemental foods, breastfeeding promotion and support, and referrals for health services are provided. Supplemental foods provided include iron fortified infant formula, baby foods, milk, cheese, eggs, peanut butter, beans, iron fortified cereals, whole grain bread, corn and whole wheat tortillas, brown rice, oatmeal, Vitamin C-rich juice, tuna, carrots and fresh/frozen fruits and vegetables. Fat free or 1% fat milk is provided for all clients over age 2; 12-24 month olds are provided with only whole milk.

WIC staff participated in a week-long training in May to learn about the new eWIC program and clients started to receive their cards May 17. With eWIC, the WIC food benefits are accessed using a plastic card similar to a credit or debit card, instead of using the former paper WIC vouchers. This eWIC card is used at the 19 WIC approved grocery stores and pharmacies in Woodbury County to redeem their food benefits. All WIC foods for all WIC participants in a household are accessed using one family card. Families providing foster care receive a separate eWIC card for each child. Benefits of the eWIC include:

- Elimination of the paper checks has improved the shopping experience for clients
- Electronic approval of WIC approved items has improved the checkout experience for both clients and cashiers
- Electronic payment process has improved the reconciliation process for the grocery stores and pharmacies
- eWIC issuance of benefits has streamlined the process in the WIC office
- Client love the eWIC cards!

WIC would prefer that all infants are breastfed. This breastfeeding support is enhanced by providing:

- The exclusive breastfeeding mother receives a larger food package valued at about $72/month (versus $42/month for the non-breastfeeding mother).
- Breast pumps are provided: hospital grade electric breast pumps which were upgraded to Symphony pumps this year for mothers with hospitalized infants; single user portable electric breast pumps for mothers returning to school / work; and manual breast pumps for short term
use to 229 moms in this past year. Breastfeeding initiation rates are much higher for the women participating in the peer counseling program at 96% versus 62% for our agency as a whole. Breastfeeding duration for more than a year also increased to 20.5%! Prenatal Breastfeeding classes are provided in both English and Spanish.

<table>
<thead>
<tr>
<th>Siouxland WIC Clients: Average Served Monthly</th>
<th>FFY 15</th>
<th>FFY 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monthly</td>
<td>3469</td>
<td>3786</td>
</tr>
<tr>
<td>% of Woodbury County (WC) Newborns Served</td>
<td>65%</td>
<td>67%</td>
</tr>
<tr>
<td>Client Participation - Unduplicated</td>
<td>NA</td>
<td>6357</td>
</tr>
<tr>
<td>WIC vouchers - redeemed value</td>
<td>$2,234,893</td>
<td>$2,613,808</td>
</tr>
<tr>
<td>Farmers Market vouchers - $ redeemed</td>
<td>$24,045</td>
<td>$25,653</td>
</tr>
<tr>
<td>% earmarked for Woodbury County redeemed</td>
<td>102.3%</td>
<td>107.1%</td>
</tr>
<tr>
<td>% of Women receiving Breastfeeding Peer Counselor support who chose to breastfeed</td>
<td>96%</td>
<td>93%</td>
</tr>
<tr>
<td>Children Receiving a blood lead test</td>
<td>1072</td>
<td>1051</td>
</tr>
</tbody>
</table>

*NA – Not available due to change in data system mid-year.

Farmers Market checks are issued during the summer months allowing clients to purchase fresh fruits and vegetables at the Sioux City USDA Farmers Market. The Iowa Department of Agriculture and Land Stewardship distributes these checks to all counties. Clients receive them on a first come first serve basis. Siouxland WIC distributed all checks and redemption was 59%. More importantly the redemption of the Farmers Market food funds earmarked for Siouxland WIC exceeded again this year at 102.3% of what was allocated. Overall redemption of the USDA FNS Farmers Market food funds for the entire state was 75%.

WIC staff participate with several community partnerships. In addition to daily WIC services at Siouxland District Health Department, WIC is also provided in Correctionville monthly. In collaboration with the Nursing Division, the HOPES Family Assessment Worker offers all interested pregnant women the option of learning about the HOPES program during their WIC appointment. Agency funds supported the 1072 blood lead draws for targeted 1 and 2 year olds during their certification appointment as well as the medical nutrition therapy counseling provided for children with an elevated blood lead level. The WIC nurse refers children with developmental concerns to Northwest Area Education Agency. Nursing students from local colleges rotate through the WIC program as a part of their community health training. Siouxland WIC provides the WIC community experience for the Iowa State University dietetic intern who is receiving training in Sioux City.
Title V Maternal Child Health

Title V Maternal Child Health Program is funded by a grant from the Iowa Department of Public Health and Medicaid revenue. The program targets pregnant women and children from birth through 21 years of age and their families. The purpose of this funding is to promote the health of pregnant women and children who are low income by ensuring access to quality preventive health services including oral health care. In April, the state of Iowa moved the Medicaid program to managed care with 3 Managed Care Organizations providing the Iowa Medicaid services.

Targeting pregnant women, Title V Maternal Health provides the information and support needed to have a healthy pregnancy and healthy baby. Core Maternal Health services include: presumptive Medicaid eligibility determinations, completion of the Medicaid prenatal risk assessment, care coordination, health education, oral health education, and a postpartum home visit. In mid-year, the program was transitioned to provide services simultaneous with the WIC program as a method to increase services to the pregnant women. The program served 231 women during FFY 16. Programmatic data includes:

- 99% of women had a medical home for their prenatal care
- 80% had their prenatal care begin in the first trimester
- 100% of new admits this year had their Medicaid prenatal risk assessment completed
- 40 women received presumptive eligibility for Medicaid services

Targeting children and their families, Title V Child Health utilizes Early Periodic Screening, Diagnosis, and Treatment (EPSDT) as the guideline for care. Services provided include EPSDT informing and care coordination, healthcare transportation, hawk-i outreach and presumptive eligibility determination, direct care services determined by community need, and I-Smile™. The change of Iowa Medicaid to managed care in the month of April led to a significant decrease in the ability to provide care coordination services, which also included the arrangement of transportation for healthcare appointments. FFY 16 Programmatic data includes:

- 9,806 Woodbury County children received services
  - 96% of these children have a medical home
  - 72% of these children received at least 1 preventive health care service (FFY15)
  - 837 healthcare appointments were completed with our healthcare transportation services (816 of these were prior to the change to Medicaid managed care)
  - 72 children received presumptive eligibility for Medicaid services.
  - 19 children received ASQ developmental testing, none of whom needed further evaluation

The I-Smile™ program is the dental home initiative within Title V Child Health. The primary focus of infrastructure building develops relationships and partnerships with local dental / medical professionals and community organizations to increase access and utilization of dental care for children ages 0 – 21 and pregnant women. Funding for the infrastructure building activities of this program is through grant funds from the Iowa Department of Public Health.
During FY 2016, our I-Smile™ Coordinator:

- Participated in community events: Give Kids a Smile, Woodbury County Fair, Sioux City Explorers Family night, Head Start health fairs, and Family Literacy Night at Unity School
- Provided toothbrushes and basic oral health care information for new mothers at Mercy Medical Center and Unity-Point Health- St Luke’s
- Visited all local dental and medical offices explaining I-Smile services focusing on age 1 dental visits this year
- Oral health education and activities were provided at the Sioux City Beyond the Bell summer program sites
- Conducted the school audit for the dental screening certificates for all Woodbury County schools
- Assisted with the statewide oral health surveillance for 3rd grade children

Families are provided direct dental care activities such as care coordination, education, and gap-filling preventive dental services. Direct care dental gap filling services include oral health screening, fluoride varnish, education, and referral for dental care and are funded through Siouxland Human Investment Partnership (Woodbury County’s Empowerment Board) and Medicaid revenue. The target population includes children birth to age 5, pregnant women and older children as need arises.

<table>
<thead>
<tr>
<th>Oral Health Data</th>
<th>15/16</th>
<th>14/15</th>
<th>13/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Health screenings</td>
<td>1330</td>
<td>1503</td>
<td>1615</td>
</tr>
<tr>
<td>Fluoride varnish application</td>
<td>1312</td>
<td>1462</td>
<td>1590</td>
</tr>
<tr>
<td>Educated in oral health</td>
<td>2383</td>
<td>3189</td>
<td>3242</td>
</tr>
<tr>
<td>Children with evidence of dental decay</td>
<td>24%</td>
<td>25%</td>
<td>29%</td>
</tr>
</tbody>
</table>

Children with dental treatment needs who have no payment source are eligible for the Title V Dental Vouchers. Our I-Smile™ Coordinator authorizes payment for these services with dental providers who have agreed to accept Medicaid payment rates. Funding for the dental vouchers is through grant funds from the Iowa Department of Public Health. In FFY 2016, 14 children received dental treatment for a total cost of $12,656.88.

**Medical Nutrition Therapy**

Agency funds support the provision of medical nutrition therapy (MNT) by dietitian staff for children with elevated blood lead levels and physician ordered special nutritional needs such as obesity, disordered eating, and lack of adequate growth. Lead MNT was performed for 6 children and their families.

**Community Outreach Projects**

SDHD nutrition staff actively participate in numerous community outreach activities each year. Staff participate in the Healthy Siouxland Initiative, Head Start Advisory Council, Siouxland Human
Investment Partnership Early Childhood Large Group, Early Intervention Services, and Siouxland Council on Child Abuse and Neglect. Nutrition Division professionals provide education to Woodbury County medical community and residents through educational presentations, television interviews, and newspaper articles.
Environmental Health

The Environmental Division holds a contract with the Iowa Department of Inspections and Appeals to license and inspect retail food and lodging establishments in 11 counties in Northwest Iowa, including Woodbury, Plymouth, Sioux, Lyon, O’Brien, Osceola, Cherokee, Clay, Dickinson, Palo Alto, and Emmet counties. Establishments include restaurants, grocery stores, home food establishments, vending machines, mobile food units, temporary food stands, and motels. As a part of this program, Environmental personnel also investigate all reported foodborne illnesses and complaints, and provide food safety education in the territory. We work with state and federal agencies to ensure applicable laws are complied with. Iowa adopted the 2009 FDA Food Code taking effect in January 2014.

A risk-based inspection schedule is used to determine the frequency of inspections in the food and lodging program. Risk levels are determined using set criteria, including the complexity of the food-handling processes used, and whether the population served is one that is highly susceptible to foodborne illness. Using this schedule, high risk establishments are inspected at least twice annually, medium risk establishments are inspected once annually, and low risk establishments are inspected at least once every 24 months, with low risk inspected annually as much as time allows. Additional inspections are conducted as necessary for follow up inspections, complaint inspections, construction inspections, preoperational inspections, and other inspections.

<table>
<thead>
<tr>
<th>Food and Lodging Program Inspections</th>
<th>15/16</th>
<th>14/15</th>
<th>13/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retail Food Inspections</td>
<td>1,713</td>
<td>1,676</td>
<td>1,865</td>
</tr>
<tr>
<td>Home Food Establishment Inspections</td>
<td>17</td>
<td>21</td>
<td>13</td>
</tr>
<tr>
<td>Vending Inspections</td>
<td>5</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>Farmer’s Market Inspections</td>
<td>9</td>
<td>8</td>
<td>14</td>
</tr>
<tr>
<td>Temporary Food Stands</td>
<td>401</td>
<td>421</td>
<td>315</td>
</tr>
<tr>
<td>Mobile Food Unit Inspections</td>
<td>75</td>
<td>60</td>
<td>151</td>
</tr>
<tr>
<td>Physical Re-Check Inspections</td>
<td>183</td>
<td>103</td>
<td>177</td>
</tr>
<tr>
<td>Letters of Correction</td>
<td>604</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Consumer Illness Complaints</td>
<td>19</td>
<td>14</td>
<td>27</td>
</tr>
<tr>
<td>Consumer General Complaints</td>
<td>122</td>
<td>70</td>
<td>76</td>
</tr>
<tr>
<td>Hotel/Motel Inspections</td>
<td>75</td>
<td>74</td>
<td>77</td>
</tr>
</tbody>
</table>
Through a contract with the Iowa Department of Public Health, environmental staff inspect tanning establishments, tattoo establishments, and swimming pools in an eight-county area, including Woodbury, Plymouth, Sioux, Lyon, O’Brien, Osceola, Dickinson, and Palo Alto counties.

### Tanning, Tattoo and Swimming Pool Inspections

<table>
<thead>
<tr>
<th>Tanning, Tattoo and Swimming Pool Inspections</th>
<th>15/16</th>
<th>14/15</th>
<th>13/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tanning Establishment Inspections</td>
<td>74</td>
<td>69</td>
<td>53</td>
</tr>
<tr>
<td>Tattoo Establishment Inspections</td>
<td>19</td>
<td>15</td>
<td>22</td>
</tr>
<tr>
<td>Swimming Pool Facility Inspections</td>
<td>105</td>
<td>89</td>
<td>95</td>
</tr>
</tbody>
</table>

Animal bites that occur in Woodbury County are reported to the Department for investigation. Dogs, cats, and ferrets that bite are placed under quarantine for 10 days to monitor for signs of rabies illness. Animal specimens are submitted to the University of Iowa Hygienic Laboratory and Iowa State Diagnostic Laboratory for rabies testing.

### Animal Bite/Quarantine Field Visits

<table>
<thead>
<tr>
<th>Animal Bite/Quarantine Field Visits</th>
<th>15/16</th>
<th>14/15</th>
<th>13/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabies Control Visits</td>
<td>193</td>
<td>189</td>
<td>162</td>
</tr>
<tr>
<td>Animal Specimens Submitted for testing</td>
<td>28</td>
<td>23</td>
<td>16</td>
</tr>
</tbody>
</table>

In Iowa, local boards of health have primary responsibility for regulation of private water supply wells - wells that serve less than 25 individuals or fewer than 15 water service connections, while the Iowa Department of Natural Resources (DNR) has primary responsibility for larger (public) systems. Counties must comply with the minimum state standards developed by the DNR.

### Private Water Wells and Water Sample Collection

In Iowa, local boards of health have primary responsibility for regulation of private water supply wells - wells that serve less than 25 individuals or fewer than 15 water service connections, while the Iowa Department of Natural Resources (DNR) has primary responsibility for larger (public) systems. Counties must comply with the minimum state standards developed by the DNR.

### Private Well Drilling Permits

Environmental personnel also collect samples from Sioux City’s municipal water system to ensure the water is bacteriologically safe. Nearly 100 samples are collected each month throughout the entire water system. The chlorine level in these samples is tested, and then the sample is returned to the laboratory for bacteriological testing. Water samples are also collected from area businesses to ensure they meet State and Federal guidelines.

Private well and septic systems in rural Woodbury County must be issued a permit prior to installation. A site inspection is conducted to make sure they are installed per State requirements. This helps ensure protection of our groundwater resource, and prevent illegal discharges of sewage.
Siouxland District Health Department has a grant through the Iowa Department of Public Health that provides funding for well plugging, well reconstruction, and well testing of private water wells. Water samples tested through the grant must be collected by Environmental Health qualified staff, and the samples are tested for coliform bacteria, nitrates, and arsenic. Arsenic was newly added during this fiscal year due to some areas in Iowa showing high levels of arsenic in the groundwater. Technical assistance is provided to home owners regarding water problems and corrective action.

**Public Water Supply Sample Collection**

Environmental personnel also collect samples from Sioux City’s municipal water system to ensure the water is bacteriologically safe. Nearly 100 samples are collected each month throughout the entire water system. The chlorine level in these samples is tested, and then the sample is returned to the laboratory for bacteriological testing. Water samples are also collected from other area public water supplies to ensure they meet State and Federal guidelines.

**Private Onsite Wastewater/Septic Systems**

In Iowa, local boards of health have primary responsibility for regulation of septic systems serving 4 homes or fewer or less than 15 people, while the Department of Natural Resources (DNR) has primary responsibility for larger (public) systems. Counties must comply with the minimum state standards developed by the DNR.

**Septic System Permits**

A permit is required prior to installation of a septic system. A site inspection is conducted to make sure systems are installed per State requirements. This helps prevent illegal discharges of sewage.

**Septic Pumper and Land Application Site Inspection Program**

Septic tanks must be pumped out only by a licensed commercial septic tank cleaner that is licensed by the Iowa Department of Natural Resources to clean septic tanks. Septic pumper vehicles are inspected annually, along with land application sites. Siouxland District Health Department contracts with the Iowa DNR to conduct these inspections in Woodbury and Plymouth Counties.
Mosquito-Arbovirus Surveillance Program

Siouxland District Health collaborated with Iowa State University and the State Hygienic Laboratory in the mosquito arbovirus surveillance program. Personnel collect mosquitoes from two locations in Woodbury County throughout the summer months. These specimens are sent to ISU for identification and to the Hygienic Laboratory for detection of arboviruses. The Environmental Division also partnered with the Dorothy Pecaut Nature Center as one of the collection sites, and to do some public education on mosquitoes, West Nile Virus, and the collection and testing process.

West Nile Virus has been detected in Woodbury County for the last several years. The Department also provides public health messaging through the media on how residents can protect themselves as well as reduce mosquito breeding grounds.

<table>
<thead>
<tr>
<th>Mosquito Pool</th>
<th>15/16</th>
<th>14/15</th>
<th>13/14</th>
<th>12/13</th>
<th>11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mosquito Pools Positive for West Nile Virus</td>
<td>2</td>
<td>0</td>
<td>3</td>
<td>14</td>
<td>4</td>
</tr>
</tbody>
</table>

Childhood Lead Poisoning Prevention Program

The goals of the Siouxland Childhood Lead Poisoning Prevention Program (CLPPP) are to increase awareness and decrease the incidence of lead poisoning in the children of Woodbury County. The program is coordinated through the Environmental Division, but program activities involve every division at Siouxland District Health. Program activities include community education, assuring that Iowa’s Statewide Plan for Blood Lead Testing is implemented within the County, on-site blood lead testing, compiling lead test results from Woodbury County children, case management of lead poisoned children, nursing visits, nutrition counseling, home lead inspections to identify lead hazards, follow up until the hazards are remediated to protect lead poisoned children from continued exposure to lead, and Healthy Homes planning activities in the county. In July 2014, the State implemented a new statewide lead database called HHLPS to track lead activities. The system was not fully functional for much of the year, leading to a decrease in activity in the lead program due to a lack of data.

The only way to determine if a child is lead poisoned is with a blood test, and because of the high prevalence in Iowa, the Iowa Department of Public Health and the Centers for Disease Control and Prevention recommend that all children under the age of 6 in Iowa be routinely tested for lead poisoning. State legislation requires that all Iowa children receive a lead test prior to or upon entering kindergarten. The Siouxland CLPPP advocates for routine testing, provides education and resources to the community and local healthcare providers, and provides free testing through the Laboratory Division with cooperation from the Nutrition Division.

<table>
<thead>
<tr>
<th>Lead Inspections</th>
<th>15/16</th>
<th>14/15</th>
<th>13/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead Inspections</td>
<td>2</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Homes Remediated</td>
<td>0</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lead Tests Done on Woodbury County Children by All Providers</th>
<th>15/16</th>
<th>14/15</th>
<th>13/14</th>
<th>12/13</th>
<th>11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2,571</td>
<td>2,103</td>
<td>2,151</td>
<td>2,411</td>
<td>3,026</td>
</tr>
</tbody>
</table>
Healthy Homes Coalition

In 2013, The Siouxland Childhood Lead Poisoning Prevention Coalition transitioned to a Healthy Homes Coalition, which allowed a broadening of topics beyond lead poisoning to focus on. This Coalition includes representation from several community partners.

Vision: Working to create safe and healthy homes to support a healthy community.

Mission Statement: The Siouxland Healthy Homes coalition is a comprehensive approach to educate and partner within the community to promote the 7 principles of a healthy home.

   Keep it Dry, Keep it Clean, Keep it Pest-Free, Keep it Ventilated, Keep it Safe, Keep it Contaminant-Free, Keep it Maintained.

Radon Test Kits Sold

Iowa is number one in the nation for the percentage of homes with an elevated level of radon gas, which is the second leading cause of lung cancer. One focus of the Healthy Homes Coalition is radon, its potential health effects, and the importance of testing homes in Iowa for radon. Siouxland District Health sells low-cost radon detection kits and participates in National Radon Action Month each January to educate the public about radon. In January 2016, we could provide the first 100 test kits for only one dollar each thanks to a generous donation from Mercy Medical Center.

<table>
<thead>
<tr>
<th>Radon Test Kits Sold</th>
<th>15/16</th>
<th>14/15</th>
<th>13/14</th>
<th>12/13</th>
<th>11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,370</td>
<td>906</td>
<td>671</td>
<td>670</td>
<td>516</td>
<td></td>
</tr>
</tbody>
</table>
Laboratory Division

The laboratory provides analytical services to the Department. Additionally, its staff provides epidemiological follow-up to various communicable diseases, education, expertise and problem solving to the medical community, various governmental agencies and to the public.

Water Quality

The laboratory is certified through the Iowa Department of Natural Resources to follow the Federal Safe Drinking Water Act to provide total and fecal coliform, E. coli, nitrate, nitrite and fluoride analysis of public water supplies. Water samples are accepted from public agencies and private individuals from a wide geographic area. Education, problem solving and expertise is provided on proper collection procedures and resolution of water related problems. Water related health issues still exist and represent continued concern to the health and well-being of the public. The charts below illustrate positivity percentages in the private water tested in 14/15 as well as numbers from a variety of water types.

<table>
<thead>
<tr>
<th>2015-2016 PRIVATE DRINKING WATER ANALYSIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLIFORM BACTERIA SAMPLES RECEIVED</td>
</tr>
<tr>
<td>BACTERIA POSITIVE</td>
</tr>
<tr>
<td>% UNSAFE FOR COLIFORM BACTERIA</td>
</tr>
<tr>
<td>NITRATE SAMPLES RECEIVED</td>
</tr>
<tr>
<td>ELEVATED NITRATES</td>
</tr>
<tr>
<td>% UNSAFE FOR INFANT CONSUMPTION</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WATER TESTS PERFORMED</th>
<th>15/16</th>
<th>14/15</th>
<th>13/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBLIC</td>
<td>1005</td>
<td>991</td>
<td>1099</td>
</tr>
<tr>
<td>SIOUX CITY MUNICIPAL</td>
<td>1439</td>
<td>1544</td>
<td>1463</td>
</tr>
<tr>
<td>PRIVATE</td>
<td>551</td>
<td>612</td>
<td>516</td>
</tr>
<tr>
<td>SWIMMING POOLS</td>
<td>395</td>
<td>358</td>
<td>386</td>
</tr>
<tr>
<td>TOTAL TESTS</td>
<td>4848</td>
<td>4802</td>
<td>4602</td>
</tr>
</tbody>
</table>
**Epidemiology**

The laboratory staff conducts epidemiological and educational follow-up on the reportable communicable diseases. These illnesses would include sexually transmitted diseases, Salmonella, Shigella, Campylobacter, 0157 E. coli, Pertussis, Mumps, Hepatitis A, B, C and others requiring follow-up investigation. The chart below shows the number of confirmed and probable diseases reported to SDHD.

<table>
<thead>
<tr>
<th>Disease</th>
<th>2015-2016 Reportable Disease Tracker</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campylobacter</td>
<td>22</td>
</tr>
<tr>
<td>Cryptosporidium</td>
<td>18</td>
</tr>
<tr>
<td>E. Coli/Shigatoxin</td>
<td>9</td>
</tr>
<tr>
<td>Giardia</td>
<td>10</td>
</tr>
<tr>
<td>Hepatitis B (chronic)</td>
<td>7</td>
</tr>
<tr>
<td>Listeria</td>
<td>0</td>
</tr>
<tr>
<td>Legionella</td>
<td>1</td>
</tr>
<tr>
<td>Malaria</td>
<td>1</td>
</tr>
<tr>
<td>Pertussis</td>
<td>1</td>
</tr>
<tr>
<td>Typhoid Fever</td>
<td>0</td>
</tr>
<tr>
<td>Salmonella</td>
<td>23</td>
</tr>
<tr>
<td>Shigella</td>
<td>17</td>
</tr>
<tr>
<td>West Nile Virus</td>
<td>0</td>
</tr>
</tbody>
</table>

SDHD also responds to other infectious disease events not reflected in the chart above such as outbreaks of Norovirus and influenza outbreaks in long term care centers.

**Lead Testing**

The chart below shows SDHD lead testing data from the past three years.

<table>
<thead>
<tr>
<th>LEAD COLLECTION AND TESTING</th>
<th>15/16</th>
<th>14/15</th>
<th>13/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Lead Specimens</td>
<td>1229</td>
<td>1130</td>
<td>824</td>
</tr>
<tr>
<td>Lab Collected</td>
<td>153</td>
<td>95</td>
<td>67</td>
</tr>
<tr>
<td>Elevated Levels</td>
<td>101</td>
<td>42</td>
<td>21</td>
</tr>
</tbody>
</table>

Prior to March 2015, an elevated level was any value >10 µg/dl. Iowa Department of Public released guidance that mirrored CDC recommendations in which lead levels >5 µg/dl are now considered elevated. This has led to a lot more people being identified as having elevated lead levels during the last 16 months.

Many of the lab collected lead tests are for children that are part of the City of Sioux City’s Lead Hazard Control Program. These families are having lead abatement activities done in their home and testing is required before the work begins and after it’s completed.
STD/HIV PROGRAM

The SDHD sexually transmitted disease clinic is open each business day for both males and females. Females are usually examined by appointment, but males are seen on a walk-in basis. This year, 473 males and 250 female clients were examined at our clinic with 440 clients being treated for infections. Iowa Department of Public Health supplies free medications for chlamydia, gonorrhea, syphilis, trichomonas, and bacterial vaginosis. SDHD clinicians administer the treatment, in most cases at the time of exam.

SEXUALLY TRANSMITTED INFECTIONS DIAGNOSED AT SDHD CLINIC

<table>
<thead>
<tr>
<th></th>
<th>15/16</th>
<th>14/15</th>
<th>13/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHLAMYDIA</td>
<td>145</td>
<td>139</td>
<td>154</td>
</tr>
<tr>
<td>GONORRHEA</td>
<td>57</td>
<td>46</td>
<td>49</td>
</tr>
<tr>
<td>SYPHILIS</td>
<td>8</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>NON-GONOCCAL URETHRITIS/CERVICITIS</td>
<td>163</td>
<td>141</td>
<td>185</td>
</tr>
<tr>
<td>OTHER</td>
<td>108</td>
<td>137</td>
<td>160</td>
</tr>
<tr>
<td>STD CLIENTS TREATED</td>
<td>440</td>
<td>410</td>
<td>516</td>
</tr>
</tbody>
</table>

HIV COUNSELING AND TESTING

<table>
<thead>
<tr>
<th></th>
<th>15/16</th>
<th>14/15</th>
<th>13/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL HIV TESTS</td>
<td>159</td>
<td>140</td>
<td>192</td>
</tr>
<tr>
<td>ONSITE RAPID TESTS</td>
<td>156</td>
<td>139</td>
<td>189</td>
</tr>
<tr>
<td>RESULTS GIVEN</td>
<td>157</td>
<td>140</td>
<td>190</td>
</tr>
</tbody>
</table>

Drug Testing and Collection

| DRUGS OF ABUSE TESTING AND COLLECTION  2015-2016 |
|-----------------|-----------------|-----------------|-----------------|
| SAMPLES COLLECTED | SAMPLES TESTED  | TOTAL TESTS    | POSITIVE TESTS  |
| 0                | 791             | 2516            | 188             |
Clinical Laboratory Analysis

Specimens are submitted by area health care providers and in support of Departmental programs for the detection of sexually transmitted disease, enteric pathogens and intestinal parasites. The laboratory is certified by the Clinical Laboratory Improvement Amendments (CLIA) as a high complexity laboratory for the analysis of human specimens.

Environmental Analysis

Food and dairy samples submitted by our environmental specialists or private individuals may be analyzed to determine if they are wholesome or involved in foodborne illness.

During the late summer and early fall months, pollen counts were conducted and posted on the SDHD website and social media outlets.
Public Health Emergency Response

Being prepared for emergencies, both personally and professionally has been a focus of the public health emergency response planning man years. Efforts have focused on providing public health agencies with the necessary information for them to be able to sustain themselves and provide for their communities during a natural or man-made disaster.

One of the nation’s key preparedness challenges has been determining appropriate state and local public health preparedness priorities. To assist state and local public health departments in their strategic planning, CDC developed and released 15 capabilities to serve as national public health preparedness standards in 2011. Additionally, 8 capabilities were released for hospital preparedness. A draft of new HPP capabilities, where 8 capabilities are consolidated into 4, are currently being circulated for comment and finalization.

In order to fully demonstrate these capabilities, jurisdictions have formed healthcare coalitions. The coalitions are tasked with completing the activities associated with each capability through collaboration, cooperation, resource management, training and exercises, and grant management.

FY 15 Woodbury County Preparedness Efforts:

In FY16, the Woodbury County Preparedness Healthcare Coalition continued its work in completing 4 more capabilities from the national standards. Coalition members include Siouxland District Health Department, Mercy Medical Center, Unity Point-St. Luke’s, and Woodbury County Emergency Management. Siouxland District Health Department serves as the fiscal agent and manages the finances of the grant and ensures that requirements are completed.


These capabilities were demonstrated in many ways during FY16. The coalition hosted a Mass Care Sheltering tabletop exercise that involved representation from local emergency management partners. Additionally, representatives from American Red Cross, The Salvation Army, Animal Control and Rescue participated in the drill. We went through a scenario where we discussed how the community would handle devastation caused by a tornado that displaces hundreds of people. Topics discussed included shelter location, the role and responsibilities of American Red Cross, volunteer management, and pet sheltering.

Actual events provided an opportunity for additional response and coordination among coalition members. Unity Point-St. Luke’s had a hospital-wide power outage during one of the hottest days of the year. That involved planning for evacuation, staffing issues, and resource location.
SDHD continues to be a part of the Tri-State Disaster committee that promotes communication between multiple sectors of the community.

SDHD also houses the Woodbury County Medical Reserve Corps (MRC). This is a volunteer group of medical and non-medical professionals that go through advance disaster training (such as NIMS courses and CPR) in order assist emergency preparedness efforts. Over 30 members have been recruited for the MRC and recruitment is ongoing.

SDHD continued to encourage residents to be prepared personally and we are regularly promoting preparedness at fairs and other community events.
The Siouxland District Health Department works cooperatively with several individuals, groups and agencies, and each of these partnerships is important to us. We appreciate your assistance in promoting and advocating conditions that support healthy individuals and a healthy Siouxland.

Key Information

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