

ANNUAL REPORT

VAN BUREN/CASS DISTRICT HEALTH DEPARTMENT

2017



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Message from the Health Officer

To the residents of Van Buren and Cass County, I am pleased to submit to you the Van Buren/Cass District Health Department's 2017 Annual Report.

This report highlights the agency's key initiatives during the past year to protect and improve the health of all residents of Van Buren and Cass Counties and how we are working with partners at the state and local level by preventing disease, promoting good health and assuring access to quality health care services to those with limited resources and access.

We also continued work during the past year to develop and improve our Health Assessment and Improvement Plan to help identify and address the health priorities of our community.

The initiatives outlined in this annual report demonstrate Van Buren/Cass District Health Department's commitment to fulfilling its mission to promote and contribute to the highest level of health possible for the people of Van Buren and Cass County by:

Identifying and reducing health risks in the community,

Detecting, investigating and preventing the spread of disease,

Promoting healthy lifestyles,

Promoting a safe and healthful environment, and

Promoting the availability of accessible quality health care services through the private sector

As always, we look forward to working with our communities to address health issues and carry out the important work entrusted to us to promote, protect and improve the health of the residents of Van Buren and Cass Counties.

Sincerely,

Jeff Elliott
Health Officer



Van Buren/Cass District
Health Department



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COMMUNITY DENTAL HEALTH

COMMUNITY DENTAL CLINICS

Van Buren/Cass District Health Department's Community Dental Clinics provide quality dental care at an affordable price for adults and children. As fully functioning dental clinics with state of the art dental equipment, community members have access to an array of dental services including: preventive, restorative, prosthetic, and surgical services. Dental services are provided at three different office locations (Dowagiac, Hartford, Mattawan) with a total of 25 operatories.

- 26,000 DENTAL PATIENTS
- 95,942 DENTAL PROCEDURES PERFORMED

DENTAL LABORATORY

As part of the network of dental services, VBCDHD operates a full-service laboratory. Dental laboratory technology is the art and science of manufacturing corrective devices for replacement of natural teeth. As each dental patient's needs are different, dental laboratory technicians communicate and collaborate with dentists to plan, design and fabricate prostheses for individual patients. Following a five step process, dental laboratory technicians create full dentures, partial dentures, and denture repairs, working with a variety of materials.

- 4,755 DENTURE LAB PROCEDURES
- 583 NEW DENTURES DESIGNED
- 1,019 DENTURE REPAIRS, RESETS, RELINES, AND PRIORS
- 65 EMERGENCY DENTURE REPAIRS

MOBILE DENTAL OUTREACH PROGRAM

VBCDHD proudly delivers a mobile dental outreach program, providing screening and fluoride varnish, oral health education, and referrals to dental homes/restorative care to students preschool through 12th grade in Van Buren and Cass County schools. Through the Mobile Dental Outreach Program a Dental Hygienist and Dental Assistant travel to area schools to administer services on site, making it easy and convenient for children to get the preventive care and oral health education they need. Students receive dental kits (toothbrush, toothpaste, floss) and dental staff work with parents to set up care plans to ensure students with treatment needs—restorative and emergent—are linked to the care they need.

- 933 STUDENTS SCREENED & RECEIVED ORAL HEALTH EDUCATION
- 2,680 PROTECTIVE SEALANTS PLACED
- 16 SCHOOLS IN VAN BUREN & CASS COUNTY PARTICIPATED



EMERGENCY PREPAREDNESS

EMERGENCY PREPAREDNESS

Van Buren/Cass District Health Department’s Emergency Preparedness (EP) Program continues to be an influential partner across the State of Michigan as it successfully completes all requirements at the Office of Public Health Preparedness. Utilizing valuable partnerships with Van Buren and Cass County Local Emergency Planning Teams, schools, hospitals, and other community programs, VBCDHD updates plans, policies, and procedures per state and federal guidelines of the Public Health Emergency Preparedness Grant. In 2017, the Emergency Preparedness Program focused on preparing for threats against infectious disease and active assailants, and submitted plans to the Bureau of EMS, Trauma and Preparedness. As an important component to EP, staff participated in numerous workgroups, including NACCHO Radiation Planning, Mass Fatality Regional workgroup, Active Assailant, Statewide Pharmacy Preparedness, and more.

NOTABLE ACTIVITIES:

- **Rave Alerting System launch for quarterly communications**
- **Zika surveillance program, April–September**
- **Hepatitis A statewide outbreak response**
- **New partnership with WMU School of Medicine—Mass Fatality Planning/Response**
- **Updated plans:** Mass Fatality, All Hazards Plan, Communications Plan, Continuity of Operations Plan, Medical Countermeasure Response Plan
- **16 Emergency Preparedness Trainings including:** FEMA/NIMS Compliant Employees, REP, Homeland Security, PREP Summit, State of MI and National REP Conferences, FEMA Threat/Vulnerability Assessment Training, Emergency Management Legal Issues in Public Health, Communicable Diseases at the FAIR, Mental Health & First Aid During Emergencies, Civilian Response to Active Shooter, and Pediatric Disaster Preparedness Training

6	900 Mhz RADIO DRILLS	1	MEDICAL COUNTERMEASURES DRILL
4	CLOSED POINT OF DISPENSING EXERCISES	1	MICHIGAN VOLUNTEER REGISTRY EXERCISE
4	COMMUNICATIONS DRILLS	1	STAFF ASSEMBLY WITHIN 60 MINUTES TARGET DRILL
12	EMResource DRILLS		



ENVIRONMENTAL HEALTH

ENVIRONMENTAL HEALTH

The Environmental Health Division is compliant with a broad set of issues affecting public health in Van Buren and Cass Counties, including septic system design and inspection, well construction code compliance, body art licensing, raw land evaluations, campgrounds and swimming pool inspections, non-community public water supply oversight, subdivision development, housing complaint investigations, water supply monitoring in areas of contamination, and public beach monitoring along the Lake Michigan shoreline.

238	ACTIVE NON-COMMUNITY FACILITIES	3	BODY ART FACILITIES
112	HOME LOAN EVALUATIONS	80	PUBLIC POOLS
604	SEPTIC PERMITS	47	SOIL EVALUATIONS
761	WELL PERMITS		

FOOD SERVICE

VBCDHD’s Food Service Program identifies food handling issues associated with the preparation, processing, and serving of food and beverages within our district. Food Service Environmental Health staff are responsible for: licensing and inspecting fixed mobile and transitory food establishments; issuing temporary permits to transient vendors that provide food at summer festivals and special events; performing plan reviews as an essential component to food establishment development and operator training; providing education and training opportunities to food service operators; tracking and reducing risks when food-related illnesses are reported.

1	FOODBORNE ILLNESS	0	FOODBORNE OUTBREAKS
392	LICENSED ESTABLISHMENTS	10	NEW/CHANGE OWNERSHIP
10	PLAN REVIEWS	0	SMOKING RELATED COMPLAINTS
18	SPECIAL TRANSITORY FOOD UNITS/ MOBILE UNITS	65	TEMPORARY LICENSES

CHILDHOOD HEARING AND VISION SCREENING PROGRAM

VBCDHD Hearing and Vision Technicians provide objective hearing and vision screenings to children entering kindergarten through seventh grade. Vision screens are conducted once before entering kindergarten, in grades 1, 3, 5, 7 and in conjunction with driver's education or in 9th grade. Hearing screens are conducted once before entering kindergarten and in grades K, 2 and 4. All screenings are free of charge and offered in collaboration with Michigan grade schools and preschools including public, private, parochial, and charter. Parents are notified if their child fails a screening so they may seek medical intervention, diagnosis and treatment, and recommendations for care.

10,895 VISION SCREENS

6,842 HEARING SCREENS

CHILDREN'S SPECIAL HEALTH CARE SERVICES (CSHCS) PROGRAM

The mission of the Children's Special Health Care Services* program is *to enable individuals with special health care needs to have improved health outcomes and an enhanced quality of life*. CSHCS nurses help families access specialty health care services by encouraging and facilitating parent involvement and collaboration with professionals, and working to remove barriers that interfere with access to and delivery of services and supports to meet clients' special health care needs. CSHCS serves individuals under 21 years of age, who have one or more of the 2,700+ medically qualifying conditions, including individuals 21 years and older with cystic fibrosis or hemophilia. The program helps pay for specialty medical care, transportation, co-pays and deductibles, and assists families with maintenance of private health care insurance. Families of all income levels are eligible.

**CSHCS is provided in conjunction with the Michigan Department of Health and Human Services (MDHHS) and the federal government under Title V of the Social Security Act.*

531 CHILDREN ACTIVE IN CSHCS PROGRAM

COMMUNICABLE DISEASE CONTROL

VBCDHD Communicable Disease Control program monitors and receives reports of all suspect and confirmed cases of communicable disease by area health providers, laboratories, schools, and daycare centers, including reports received from community members, as required by Michigan law. Utilizing the Michigan Disease Surveillance System, or by fax or phone to the Health Department, reports are made to trained VBCDHD Nursing Staff. Nursing staff are trained in disease investigation, treatment, case management, and contact follow up. Nurses educate partners and community members on transmission, prevention and intervention of communicable diseases and how to protect themselves, their families and the community. Local Public Health staff operate under protocols established by MDHHS according to Michigan Public Health Codes and Local Public Health policies and procedures.

VAN BUREN/CASS COUNTIES SELECTED REPORTABLE DISEASES 2013-2017

Number of Cases Per Year

ENTERIC DISEASES	2013	2014	2015	2016	2017
CAMPYLOBACTER	18	19	26	29	35
CRYPTOSPORIDIOSIS	6	3	2	7	8
NOROVIRUS	0	0	2	4	5
GIARDIASIS	10	9	5	3	8
SALMONELLOSIS	16	11	8	19	20
SHIGA TOXIN PRODUCING E. COLI (STEC)	3	2	1	1	8
YERSENIA ENTERITIS	0	0	0	0	4
LISTERIOSIS	0	1	1	1	2
SHIGELLOSIS	3	10	6	1	1
E. COLI O157:H7	0	0	0	0	0
HEPATITIS					
HEPATITIS A	2	2	0	0	2
HEPATITIS B, ACUTE	0	0	0	0	0
HEPATITIS B, CHRONIC	5	3	5	6	3
HEPATITIS C, ACUTE	2	0	0	1	1
HEPATITIS C, CHRONIC	48	57	62	105	145
STD					
CHLAMYDIA	337	365	376	381	441
GONORRHEA	46	41	53	45	121
SYPHILLIS	0	0	3	4	3
TUBERCULOSIS					
MYOBACTERIUM-OTHER	7	4	9	12	6
TUBERCULOSIS	0	3	2	1	1
VACCINE PREVENTABLE DISEASES					
VARICELLA (CHICKENPOX)	0	7	4	6	5
H. INFLUENZA DISEASE—INV.	0	2	4	4	5
PERTUSSIS	10	10	3	3	3
VECTORBORNE DISEASES					
LYME DISEASE	1	4	3	8	5
MALARIA	0	0	0	0	0
WEST NILE	0	0	0	0	0
MENINGITIS					
ASEPTIC MENINGITIS	7	5	9	7	6
NON-MENINGOCOCCAL BACTERIAL MENINGITIS	2	0	5	0	1
MENINGOCOCCAL DISEASE	0	0	0	0	0
STREPTOCOCCUS PNEUMONIAE - INV.	14	5	8	9	16
OTHER					
LEGIONELLOSIS	2	1	2	2	2
STREPTOCOCCUS PNEUMONIAE DRUG REST	5	2	3	2	2
VISA	0	0	0	1	0



IMMUNIZATION PROGRAM

Local immunization efforts serve to protect the public from epidemics or threatened epidemics of vaccine preventable diseases as well as protecting individuals from avoidable diseases and their complications. VBCDHD's Immunization Program is based on state immunization program guidelines and monitored for its' effectiveness, compliance with state program guidelines, and adherence to professional standards of practice as detailed by the Standards for Child and Adolescent Immunization and Standards for Adult Immunization Practices. VBCDHD maintains highly trained nursing staff responsible for providing immunization clinics for residents to dispense publicly funded vaccine; educating local school staff to ensure they understand school immunization requirements and accurately report student immunization status to MDHHS and the Michigan Department of Education; conducting site visits to local medical provider offices for quality assurance and compliance with the federal requirements of the Vaccines for Children (VFC) program; monitoring for fraud and abuse of publicly funded vaccine; and ensuring accessibility to vaccine, Improving local immunization rates, providing immunization education, and developing private and public partnerships to promote high immunization coverage rates in the district.

- 1,243 IMMUNIZATION CLINIC VISITS
- 1,622 VACCINES ADMINISTERED AT VBCDHD
- 76% CHILDREN 19-35 MONTHS FULLY IMMUNIZED
- 99% SCHOOL IMMUNIZATION COMPLIANCY RATE
- 98% CHILDCARE CENTER IMMUNIZATION COMPLIANCY RATE

SEXUALLY TRANSMITTED DISEASE PROGRAM

The goal of VBCDHD's STD/HIV program is to prevent the spread of sexually transmitted disease through clinical and educational services. STD/HIV Nurses provide counseling, testing, treatment and referrals, and facilitate individual and group education at schools, jails, substance abuse programs and other community sites. Partner services are offered to all infected individuals and STD/HIV nurses maintain ongoing communication with local medical providers to ensure appropriate treatment standards are upheld.

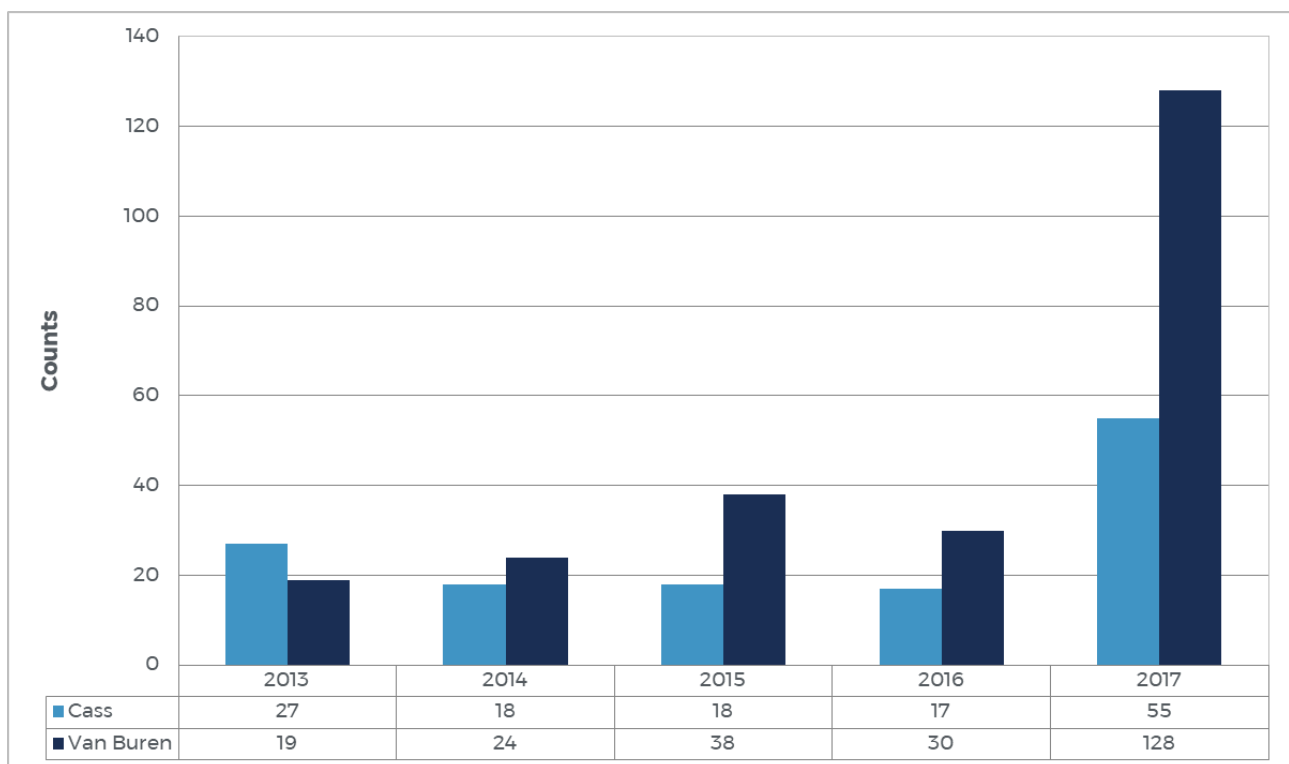
- 467 STD CLINIC VISITS (253 VB / 214 CASS)
- 512 INDIVIDUALS EDUCATED IN SCHOOL & COMMUNITY SETTINGS (221 VB / 291 CASS)
- 752 INDIVIDUALS RECEIVED COUNSELING & TESTING (414 VB / 338 CASS)



*SPECIAL GONORRHEA REPORT

The Van Buren/Cass District and other counties across the state of Michigan saw a spike in reported gonorrhea cases from private and public clinics in 2017. In response, VBCDHD will continue to monitor and focus on gonorrhea outreach, education, and testing in 2018.

COUNTS OF GONORRHEA IN CASS AND VAN BUREN COUNTY 2013-2017
Michigan Disease Surveillance System



PUBLIC HEALTH PROMOTIONS

HEALTH PROMOTIONS

Health Promotions is the process of implementing a range of social and environmental interventions including promoting healthy behaviors, creating supportive environments, encouraging healthy public policies, and enabling people to increase control over and improve their health. Focusing on the social determinants of health—conditions in the environments in which people are born, live, learn, work, play, worship, and age that affect a wide range of health, functioning, quality-of-life outcomes and risks—VBCDHD uses health assessments to design Community Health Improvement Plans. Notable accomplishments in 2017: Maternal Child Health Needs Assessment; new logo and branding; website redesign; Van Buren/Cass Girls on the Run program; Southwest Michigan Perinatal Quality Improvement Collaborative agent; Health Fairs; and more. VBCDHD continues to actively participate with numerous human service agencies forming collaborative working relationships with schools, businesses, and area hospitals in an effort to improve quality of life in Van Buren and Cass County.

We are the local catalyst for protecting and improving health and quality of life for our community.

We respond to a dynamic and diverse environment to promote and contribute to the highest level of health possible. We celebrate new ways to protect and promote health while maintaining our status as a service-partner our community can rely on. We embody a culture of hospitality for our community and advocate for your health needs on a state and nationwide level. The result is a perfect place to find your local health experts and advocates to help you achieve your best quality of life.

Primary



Secondary

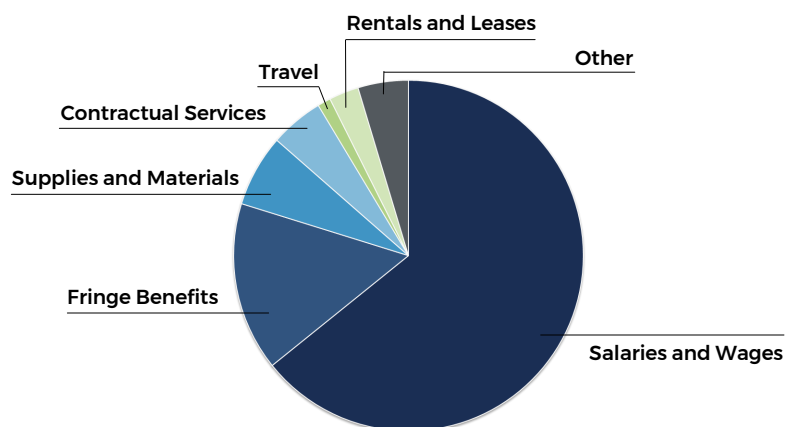


Reverse

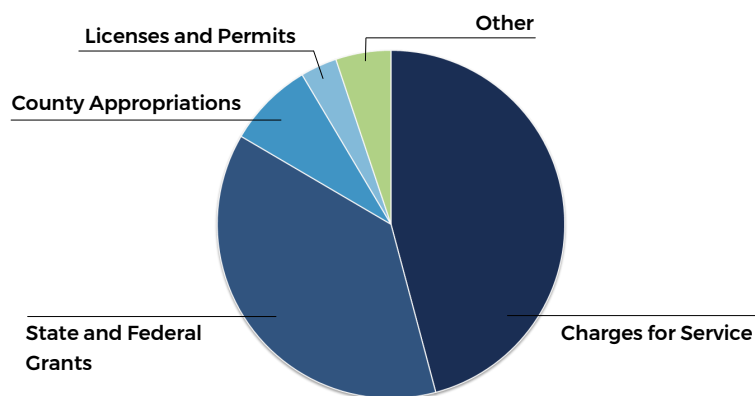


FINANCES

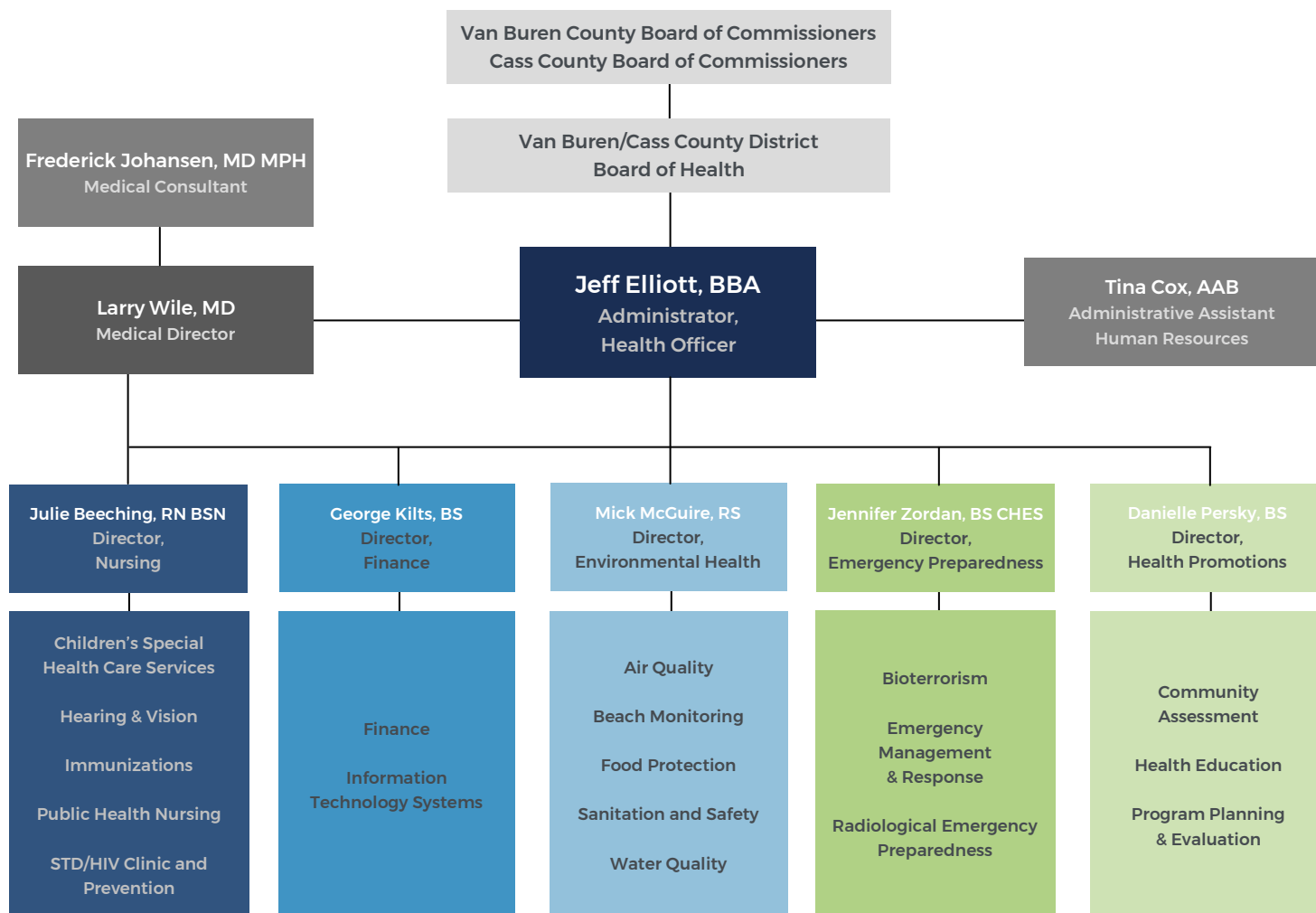
EXPENDITURES		
Salaries and Wages	\$5,036,819	64%
Fringe Benefits	\$1,220,834	15%
Supplies and Materials	\$520,623	7%
Contractual Services	\$387,723	5%
Travel	\$95,345	1%
Rentals and Leases	\$215,606	3%
Other	\$365,602	5%
Total	\$7,842,552	100%



REVENUE		
Charges for Service	\$3,595,861	46%
State and Federal Grants	\$2,947,711	38%
County Appropriations	\$629,013	8%
Licenses and Permits	\$266,925	3%
Other	\$403,042	5%
Total	\$7,842,552	100%



VBCDHD LEADERSHIP



BOARD OF HEALTH

Chair / Don Hanson, Van Buren County Commissioner

Vice Chair / Dwight (Skip) Dyes, Cass County Commissioner

Annie File, Cass County Commissioner

Dr. Vincent Cabras, Van Buren County Member-At-Large

Richard Freestone, Van Buren County Commissioner

Robert Linderman, Van Buren County Member-At-Large

Vicki Vaughn, Cass County Member-At-Large

FACILITIES



HARTFORD VAN BUREN COUNTY

57418 CR 681
Hartford, MI 49057
(269) 621-3143
Administration
Community Dental Clinic
Environmental Health
Public Health Nursing

DOWAGIAC CASS COUNTY

302 S. Front St.
Dowagiac, MI 49047
(269) 782-0064
Community Dental Clinic
Environmental Health
Public Health Nursing

MATTAWAN COMMUNITY DENTAL CLINIC

23200 Red Arrow Hwy.
Mattawan, MI 49071
(269) 668-6715
Community Dental Clinic