



Ocean
County
Health
Department



Public Health
Prevent. Promote. Protect.



2018 ANNUAL REPORT

*Promoting Healthy Lifestyles and a Clean and
Safe Environment*

OCEAN COUNTY HEALTH DEPARTMENT

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John J. Mallon
Board of Health Chairman

Daniel E. Regenye
Public Health Coordinator

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Public Health
Prevent. Promote. Protect.

Gerry P. Little, *Freeholder Liaison*

Daniel E. Regenye, M.H.A.
Public Health Coordinator/Health Officer

Community members and Public Health partners,

We are again privileged this year to introduce the Ocean County Health Department's 2018 Annual Report. This year, the Ocean County Health Department (OCHD) presents a new and ambitious Annual Report formatted to highlight the programs and services provided to the community in a more systematic and structured manner built on the essential public health services that regularly guide our efforts.

In 2018, the OCHD continued to serve as a leader in Public Health, not only through our multiple and varied public health initiatives, but through the ongoing dedication of our staff to consistently improve the breadth and quality of the services we provide. As I am sure you are aware, 2018 was a busy year for the Health Department. We advanced the Board of Health's commitment to address the opiate epidemic in Ocean County, responded to a measles outbreak in partnership with community agencies, expanded access to maternal and child health services in underserved areas of the County, and supported ongoing efforts to reduce the impact of diabetes and heart disease on our residents through new grant funding.

As we move into 2019, we will continue to serve Ocean County by ensuring safe food and water, monitoring communicable disease, providing prevention and health education to individuals of all ages, maintaining emergency preparedness, making sure children receive the nutrition and care that they require, and protecting the community through public health. We invite you to read further to see all of the quality services this agency provides and we welcome your partnership and feedback as we move in new directions and ultimately lay the foundation for public health accreditation.

Please view our social media pages and website to stay current with the actions we take to improve lives in the community and address emerging public health needs. We thank you for supporting us this past year and look forward to continuing to serve the community to the best of our ability.

John J. Mallon

John J. Mallon
Chairman of the Board

Daniel Regenye

Daniel E. Regenye, MHA
Public Health Coordinator/Health Officer

MISSION STATEMENT

Health Department Direction

In 2018, the Ocean County Health Department laid the groundwork to initiate a new strategic planning process to reassess the agency's direction, set public health priorities, strengthen operations, and ensure that employees and other stakeholders are working toward common goals in response to an ever-changing public health environment. The 2018 Annual Report is intended to begin to contribute to and communicate this direction with the community we serve, including an updated Mission Statement and Guiding Principles, which will be unveiled in 2019.

Guiding Principles

We are guided by the following principles:

- **Guiding Principle #1:** To assess public health priorities of the community through comprehensive health planning;
 - Performed a Community Needs Health Assessment
 - Developed Community Health Improvement Plan and interactive online health assessment data
 - Updated the Ocean County Data Book
- **Guiding Principle #2:** To inform and educate our community about public health issues and concerns;
 - Expansion of health education to new and diverse stakeholders
 - Innovative programming on current health topics such as vaping, tick borne illness, mold, TB
- **Guiding Principle #3:** To empower individuals to take responsibility for their health and wellness and that of their communities;
 - Ongoing expansion of PHU2.org
 - New senior and school based "Health Ambassador" programming developed and delivered
 - Maintained the Chronic Disease Self-Management Program
 - Received Diabetes and Heart Disease/Stroke Prevention community programming grants
- **Guiding Principle #4:** To utilize a systemic, team approach to effectively solve problems and achieve our mission;
 - Expanded and revitalized interagency partnership in the delivery of comprehensive services
 - Maintained collaborative partnerships with the community
- **Guiding Principle #5:** To promote a work environment that continually strives to incorporate our agency's values.
 - Staff dedication to a Continuous Quality Improvement process
 - Prepared a "Master Class" workforce development series

Mission Statement

In partnership with our community, we are committed to serving as a leader to promote healthy lifestyles, ensure a clean and safe environment, and provide high-quality public health services to protect our present and future generations.

THE PUBLIC HEALTH SYSTEM

The Ocean County Health Department (OCHD) and its Board of Health are governed by the Public Health Practice Standards of Performance for Local Boards of Health in New Jersey, N.J.A.C. 8:52. Inherent duties and responsibilities are summarized in the three Core Public Health Functions and the Ten Essential Public Health Services indicated herein by respective icons throughout the remainder of the Annual Report.

Core Public Health Functions



Assess and monitor the health of communities and at-risk populations to identify health problems and priorities.



Formulate public policies with community and government leaders to address local and national public health problems and priorities.



Provide all populations with access and appropriate and cost-effective care, including health promotion, disease prevention, and follow-up evaluation.

10 Essential Public Health Services



Monitor health status to identify and solve community health problems



Diagnose and investigate health problems and health hazards in the community



Inform, education, and empower people about health issues



Mobilize community partnerships to identify and solve health problems



Develop policies and plans that support individual and community health effort



Enforce laws and regulations that protect health and ensure safety



Link people to needed personal health services and assure the provision of health care when otherwise unavailable



Assure a competent public and personal health care workforce



Evaluate effectiveness, accessibility, and quality of personal and population-based health services



Research for new insights and innovative solutions to health problems

The OCHD worked diligently in 2018 to align its services with the core public health functions and essential public health services outlined above. Further, we have worked closely with community partners to strengthen the overall public health system, commonly defined as “all public, private and voluntary entities that contribute to the delivery of essential public health services within a jurisdiction.” This concept ensures that all entities’ contributions to the health and well-being of the community are recognized.

The public health system includes public health agencies at state and local levels, healthcare providers, public safety agencies, human service and charity organizations, education and youth development organizations, recreation and arts-related organizations, economic and philanthropic organizations and environmental agencies and organizations. With this in mind, the OCHD is committed to continue working in close collaboration with diverse community partners and as members of local coalitions. ***The OCHD extends its deepest appreciation to our many community partners for serving alongside us in the effort to protect and promote public health for the residents and visitors of Ocean County.***

COMMUNITY PARTNERS

- Beth Medrash Gevoha
- Big Brothers/ Big Sisters of Ocean County
- Caregivers of Central Ocean County
- Central Jersey Family Health Consortium
- Catholic Charities of Ocean County
- Centers for Health, Education , Medicine, and Dentistry (CHEMED)
- Central Jersey Family Health Consortium
- Chambers of Commerce:
 - Toms River Chamber
 - Lakewood Chamber
 - Southern Ocean County Chamber
- Children’s Home Society of New Jersey
- Children’s Interagency Coordinating Council (CIACC)
- Commission for the Blind and Visually Impaired
- Community Medical Center Foundation
- County Animal Response Team (CART)
- County of Ocean
- DART Coalition
- Deborah Heart and Lung Center
- Family Planning Center of Ocean County, Inc.
- Faith-Based Initiative of Ocean County
- Georgian Court University
- Governor’s Council on Alcohol and Drug Abuse
- Hackensack Meridian *Health*
- Health Advisory Group for the Community Health Improvement Plan
- High Intensity Drug Trafficking Area (HIDTA) Program
- Humane Society of the United States
- Interfaith Hospitality Network
- Jay and Linda Grunin Foundation
- Juvenile Justice Committee
- Lakewood Complete Town Committee
- Lakewood Emergency Preparedness Council
- La Leche League of Ocean County
- L.E.A.P., Lakewood Head Start Program
- Local Advisory Committee on Alcohol & Drug Abuse
- Local Emergency Planning Council
- Long Beach Island Health Department
- Meridian Health Care System
- Monmouth Ocean Breastfeeding Coalition
- NAACP
- New Hope Foundation
- New Jersey Action for Healthy Kids
- New Jersey BREATHEs
- New Jersey Comprehensive Cancer Control Comm.
- NJ HealthEASE
- NJ SNAP-Ed
- New Jersey Department of Health
- New Jersey Department of Human Services
- New Jersey Department of Environmental Protection
- New Jersey State Police
- Ocean/Monmouth Health Alliance
- O.C.E.A.N. Inc., Health Advisory Council
- Ocean County Board of Social Services
- Ocean County College
- Ocean’s Harbor House
- Ocean Health Initiatives (OHI)
- Ocean County Office of Emergency Management
- Ocean County Emergency Response Committee
- Ocean County Executive Superintendent’s Office
- Ocean County Human Services Advisory Council
- Ocean County Library
- Ocean County Municipal Alliances
- Ocean County Office of Senior Services
- Ocean County Planning Department
- Ocean County Professional Advisory Council (PAC) Committee
- Ocean County Prosecutor’s Office
- Ocean County Sheriff’s Department
- Ocean County Special Needs Shelter Plan Working Grp
- Ocean Mental Health Services
- Preferred Behavioral Health of New Jersey
- Providence House
- Providers Advisory Committee on Alcohol and Drug Abuse (PACADA)
- Public Health Emergency Preparedness Advisory Committee
- Puerto Rican Congress of New Jersey, Inc.
- Stockton University
- Robert Wood Johnson/Barnabas Health
- Rutgers University & Rutgers School of Public Health
- Seashore Family Counseling Services
- Southern Ocean County Coalition Against Substance Abuse (SOCCASA)
- Southern Regional Governmental Public Health Partnership
- St. Francis Community Center
- United States Drug Enforcement Agency (DEA)
- United Way
- Youth Services Commission
- YMCA

PUBLIC HEALTH SERVICES AND STATISTICS

The Ocean County Health Department consists of numerous departments and divisions providing diverse services to the residents and visitors of Ocean County. While not inclusive of every service available, outlined below are some of the key programs provided. Note: some programs may require eligibility screening.

Alcohol and Drug Services

- Alcoholism and Substance Abuse Alliances and Committees
- Intoxicated Driver Resource Center
- Municipal Alliances
- Treatment Coordination and Referrals
 - Treatment funding for eligible residents
- Ocean County Overdose Fatality Review
- Substance Abuse Prevention Education

Animal Shelters and Adoptions

- Barnegat Animal Shelter
- Northern Ocean County Animal Facility
- Southern Ocean County Animal Facility
- Services offered:
 - Pet Adoptions and Surrenders
 - Rabies Clinics – Animal Vaccinations
 - 24 Hour Receiving Area for Municipal Animal Control Officers

Chronic Disease Services

- *Live Healthy Ocean County!* Program
- Blood Pressure Screening
- Cholesterol and Diabetes Screening
- Chronic Disease Self-Management Program
- Eye/Vision Screening
- New Jersey Cancer Education and Early Detection Program

Emergency Preparedness and Planning

- Becoming a Fixed Facility in Ocean County
- Health Alert Network (HAN)
- Health Preparedness and Planning Activities
- Home Preparedness Resources and Activities
- Local Information Network and Communication System (LINCS)
- Medical Reserve Corps. (MRC)
- Potassium Iodide (KI) Tablet Distribution
- Strategic National Stockpile

Environmental Health Services – Consumer Health

- Body Art Facility Inspections
- Control of Poison Ivy, as Requested
- Kennel/Pet Shop Inspections
- Proprietary Campground Inspections
- Public Health Nuisance Complaint Investigations
- Public Pool and Spa Inspection and Enforcement
- Recreational Bathing Beach Inspections
- Retail Food Establishment Inspections and Plan Reviews
- Septic System Installation Plan Review and Repair Inspections
- Site Plan and Subdivision Reviews for Local Planning and Zoning Boards
- Smoking Enforcement in Public Places
- Tanning Facility Inspections
- Wells and Septic Systems Certification Inspections
- Well Water Analysis Certifications for New Construction, Replacement Wells/ Re-sales
- Youth Camp Safety Inspections

Environmental Health Services – Environmental Protection and Services

- Air Pollution Complaints
- Childhood Lead Poisoning Investigations
- Control of Rodent/Vectors of Disease
- Enforcement of State and Local Regulations
- Environmental Complaint Investigations
- Ground and Surface Water Investigations
- Hazardous Material Incidence Response
- Public non-community well inspections (transient and non-transient)
- Noise Investigation and Enforcement
- Right to Know Program
- Solid Waste Facility/Complaint Inspections

Health Education and Community Assessment

- Community Health Needs Assessment
- Community Health Improvement Plan
- Faith-Based Initiative
- Local and Annual Health Reports
- Strategic Planning and Policy Development
- Community Health Education Programming
- Emerging Public Health Issues Education
- Dental Coordination and Education
- Diabetes Prevention Education
- Health Fairs
- Health Statistics Inquiries
- Heart Disease and Stroke Prevention Education
- Ocean County Data Book
- *Public Health Is You Too!* (PHU2) Initiative
- Safe Medication Management Program
- School Health Ambassador Program
- Senior Health Ambassador Program
- Social Media Promotion and Marketing
- Substance Abuse Prevention Programming
- Workplace Wellness Initiative

Infectious Disease Services

- Animal Bite Investigations and Quarantine
- ARCH Nurse Program
- Bloodborne Pathogen Program
- Communicable Disease Investigations and Education
- Domestic Animal Rabies Vaccination Clinics
- Epidemiology and Surveillance
- Foodborne and other Infectious Disease Investigations and Education

- Hepatitis C Virus Counseling and Testing
- HIV/AIDS Care and Treatment
- HIV Counseling and Testing
- Monitoring of Emerging Infectious Diseases
- Rabies Control and Consultation
- School Immunization Audits
- Sexually Transmitted Disease Screening
- Tuberculosis Care and Treatment
- Tuberculosis Screening
- Vaccinations
 - Occupational Hepatitis B Virus
 - Pneumococcal Pneumonia
 - Rabies Human Pre-Exposure
 - Tdap (tetanus, diphtheria, pertussis)
 - Seasonal Influenza
 - Shingles (Zoster)

Maternal and Child Health Services

- Breastfeeding peer counseling
- Community outreach and engagement
- Early Intervention Services
- Farmer's market voucher distribution/on-site farmer's market
- Hemoglobin testing/education
- Lactation consultations and support
- Nutrition assessments/counseling and distribution of vouchers for supplemental, nutritious foods
- Referrals for community and social services, healthcare providers, immunizations
- Special Child Health Services

As outlined by the Public Health Practice Standards of Performance for Local Board of Health in New Jersey, N.J.A.C. 8:52., public health services shall include administrative services as set forth at N.J.A.C. 8:52-5, health education services as set forth at N.J.A.C. 8:52-6, public health nursing services as set forth at N.J.A.C. 8:52-7, and the three core functions of public health: assurance, assessment, and policy development. The Ocean County Health Department implements these practice standards within the array of various programs and services outlined above. Highlighted programs are addressed in greater length later in the Annual Report.

2018 COMPARATIVE STATISTICAL DATA

Animal Bites and Rabies Control	2017	2018
Animal Bites – human incidents reported	944	989
Rabid/suspected rabid animal-bites-domestic animal incidents reported	47	42
Body Art, Tattoo, and Permanent Cosmetics Safety		
Licensed body are establishments operating in area	42	44
Routine inspections of licensed body art facilities conducted	11	7
Non-routine emergency and complaint-related inspection of body art facilities	0	0
Health Education		
Health education single sessions delivered by the OCHD	770	488
Health Education multi-session delivered by the OCHD	84	160
Individualized Clinic Services		
Clinic-based medical visits provided	16,099	11,598
Unduplicated individuals who received clinic-based medical services	6,269	5,875
Home-based nursing visits provided	1,549	918
Unduplicated individuals who received home-based nursing services	67	94
Immunizations administered to children 0 - 4	52	80
School age immunizations administered	36	153
Adult Immunizations administered	1,181	1,257
Older adult immunizations administered	1,551	1,365
Clinic Screenings		
Childhood blood lead	3	6
Hepatitis B	26	105
STD, other than HIV/AIDS	1,001	2,567
HIV (through the HIV Counseling and Testing Program)	827	598
Breast Cancer	101	73
Cervical Cancer	101	73
Cardiovascular disease	565	289
Hypertension	632	326
Tuberculosis	577	557
Vision	170	135
Others	555	233
Inquiries, Issues and Complaint Investigations		
Contacts received	1,336	1,427
Investigations	2,946	3,127
Enforcement actions taken by OCHD	116	123
Kennels, Pet Shops, and Shelter/Pound Facilities		
Licensed pet shop facilities operations in the OCHD services area	38	41
Routine inspections conducted by the OCHD	38	41
Rabies Vaccination Clinics		
# of clinics other than at the OCHD animal facilities	24	25
# of clinics at the OCHD animal facilities	48	44
# of animals vaccinated	5,275	4,854

Potable Well and Drinking Water Safety	2017	2018
Potable well inspections conducted	578	617
Unduplicated potable wells inspected	578	617
Potable well investigations	11	2
Proprietary Campgrounds		
Licensed/approved proprietary campground operations	14	14
Routine inspections of proprietary campground facilities	5	8
Non-routine emergency and complaint-related inspections of proprietary campground facilities	0	0
Recreational Bathing Facilities – Number of Licensed Public Recreational Bathing Facilities Operating in the Service Area		
Year round facilities	50	51
Seasonal facilities	508	508
Recreational Bathing Facilities – Number of Public Recreational Bathing facilities of Each Type in the Service Area		
Swimming/wading pool	400	401
Hot tub/spa	44	44
Bathing beach – bay/ocean	80	80
Bathing beach - river	10	10
Bathing beach - lake	24	24
Recreational Bathing – Pre-operational Inspections		
Year-round facilities	50	44
Seasonal facilities	508	463
Recreational Bathing – Routine Inspections		
Year-round facilities	39	26
Recreational Bathing – Non-Routine Inspections		
Year-round facilities	5	0
Seasonal facilities	27	5
Recreation Bathing - Closed Features/Facilities		
Swimming/wading pool	17	5
Seasonal facilities	17	7
Recreational Bathing		
CCMP sites in this services area	53	72
Sanitary surveys conducted on bathing beach – ocean/bay	6	40
Sanitary surveys conducted on river	12	46
Sanitary surveys conducted on lakes	102	40
Retail food Establishment Safety – Processes – Licensed Establishment of Each Type Operating in this Area		
Permanent fixed Risk Level 1 (low risk)	541	734
Permanent fixed Risk Level 2 (medium risk)	1,626	1,937
Permanent fixed Risk Level (high risk)	899	784
Mobile	161	248
Retail Food Establishment Safety - Inspections		
Retail food establishment plan reviews conducted	189	297
Pre-operational retail food establishments inspected	180	251
Number of Routine Inspections Conducted		
Permanent fixed Risk Level 1 (low risk)	355	570
Permanent fixed Risk Level 2 (medium risk)	1,231	1,150
Permanent fixed Risk Level 3 (high risk)	604	563
Mobile	68	226

Retail Food Establishment Safety – Investigations, Inspections/Enforcement	2017	2018
Non-routine emergency and complaint-related investigations, inspections of retail food establishments	248	350
School Immunization Record Audits		
Childcare/pre-K facilities operating in this area	118	175
Childcare/pre-K facilities that were audited	113	175
Kindergarten facilities in this area	132	141
Kindergarten facilities audited in the most recently completed school year	130	141
Grade 1 facilities in this area	132	132
Grade 1 facilities audited in the most recently completed school year	129	130
Grade 6 facilities in this area	84	83
Grade 6 facilities audited in the most recently completed school year	84	83
High school facilities operating in this areas	61	61
High school facilities whose transfer student recodes were audited in the most recently completed school year	16	20
WIC – Women, Infants and Children		
Ocean County Certified WIC Clients	37,089	35,430
Unduplicated pregnant women	3,142	2,569
Unduplicated breastfeeding women	2,233	2,315
Unduplicated post-partum women (up to six months)	1,187	1,300
Hemoglobin Testing WIC	21,594	24,652
Breastfeeding Women	4,465	4,630
Infants (Unduplicated)	3,825	2,933
Children (Unduplicated)	10,323	10,533
Drug and Alcohol Coordinated Services		
Intensive outpatient new clients	264	135
Intensive outpatient new client sessions of service	3,768	2,219
Outpatient new clients	151	104
Outpatient session of services	1,402	932
Co-occurring new clients	35	11
Co-occurring new client sessions of service	1,546	662
Women’s halfway house new clients	19	16
Women’s halfway house new clients days provided	728	687
Men’s halfway house new clients	11	8
Men’s halfway house new clients days provided	327	592
Detox new clients	191	57
Detox new client days provided	880	235
Inpatient new clients	157	109
Inpatient new clients days provided	2,267	1,701
Intoxicated Driving Resource Center (IDRC)		
IDRC Attendance	1,019	1,007

ADMINISTRATION AND SUPPORT SERVICES

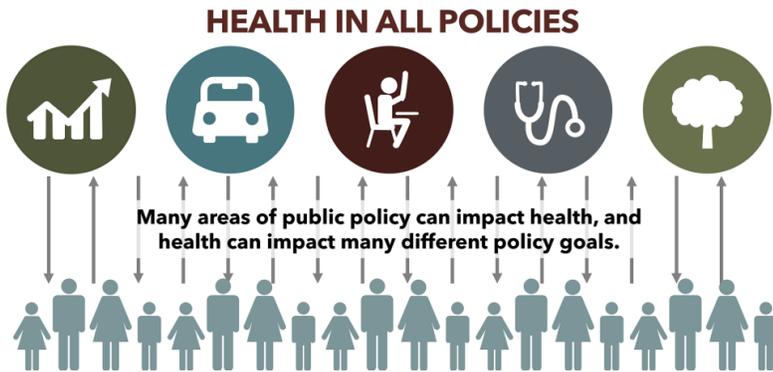
“Health care is vital to all of us some of the time, but public health is vital to all of us all of the time.” - C. Everett Koop

Administration

Administration plays an important role in advancing public health in Ocean County by conducting policy analysis, communicating findings, developing partnerships, promoting evidence-based interventions, and translating policy into operational practice.

In 2018, Administration initiated a new **Strategic Planning** process to:

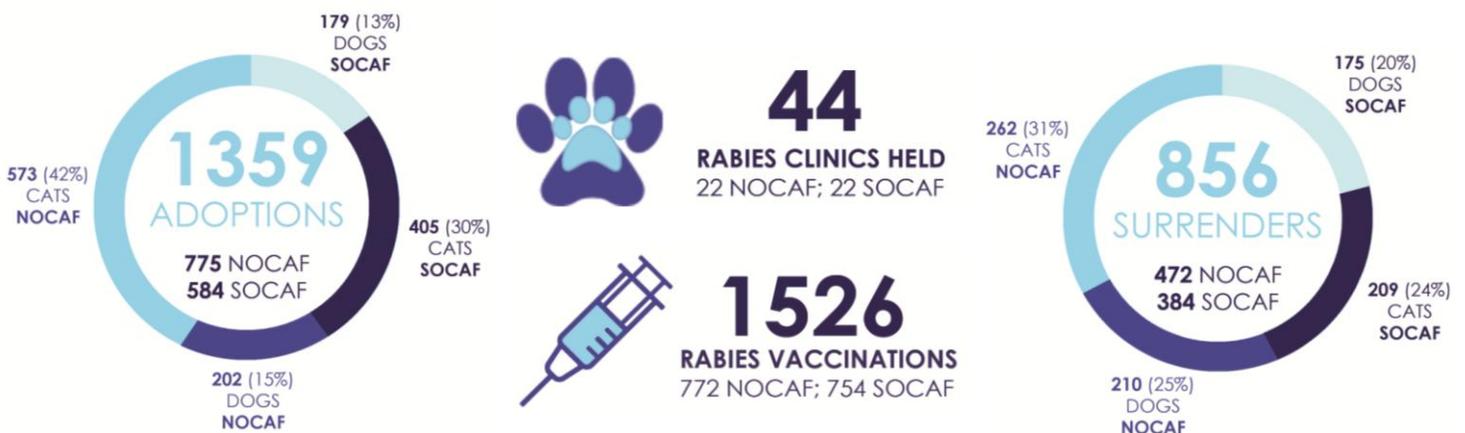
- Implement regulations, guidelines, recommendations, directives and organizational policies
- Identify indicators to evaluate implementation and impact of OCHD programs
- Coordinate resources and build capacity of personnel to implement OCHD programs
- Assess implementation, ensure compliance with regulations, and support post-implementation sustainability



In 2018, the Ocean County Health Department also invested in **Workforce Development**. In an effort to ultimately improve health outcomes, Administration worked to fill vacancies and better equip grant-funded programs for the long-term, enhance access to training, and continue to build on the skills and performance of our employees. We remain committed to providing the public health resources, tools, and services to best deliver the Essential Public Health Services.

Animal Facilities

At the Northern and Southern Ocean County **Animal Facilities**, the reported figures for 2018 were as follows:



New partnerships have been developed and will expand further into 2019. Among the best of these collaborations are the Catsbury Park Cat Cafe, where many of our cats have found wonderful homes, the Ocean County Sheriff's Department, the Ocean County Prosecutors Office, which is aiding in the transition of new legislation regarding animal cruelty cases, and People For Animals, to organize a spay and neuter shuttle service at our facilities.

Community Health Planning

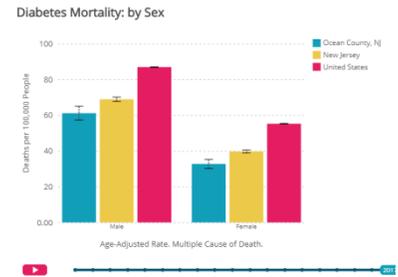
The **Community Health Needs Assessment** (CHNA) process included a comprehensive mix of government officials, hospital liaisons, treatment agencies, medical professionals and policymakers from around the County.

—Health Priorities—

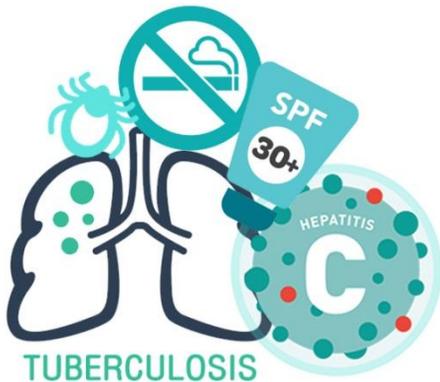


Five leading Health Indicators were identified for the 2019-2023 **Community Health Improvement Plan** (CHIP) through the CHNA process. The selected indicators include: Substance Abuse, Diabetes, Cardiovascular and Cerebrovascular Health, Access to Care and Mental Health. Goals, methods and strategies were determined and a plan of action developed for distribution to our community partners for implementation including innovative utilization of live, interactive health data.

Moving forward, Ocean County’s CHIP will be a *true* public-private partnership. Urgent Care Now and Wal-Mart have been enlisted, in conjunction with the County’s community-based organizations and healthcare providers, to further impact each health indicator with comprehensive community education and programming. Additional businesses are wanted to help address the health issues identified.



Health Education and Community Assessment



Health Education programs cover a wide variety of public health topics including, but not limited to, nutrition, hygiene, hand washing, sun safety, youth success, student health ambassador, ticks, mold, stress management, smoking cessation, diabetes, senior health ambassador, tuberculosis, and hepatitis C. Many of these programs have been specifically tailored to reach underserved populations within the community.

The Student Health Ambassador Program was developed to reach thousands of students across the county in numerous schools, Hepatitis C virus presentations were developed for substance abuse and behavior health centers, nutrition and hygiene presentations for individuals with developmental disabilities, and tuberculosis presentations for acute and sub-acute care facilities.

Highlights and Looking Ahead

In 2018, the Health Education and Community Assessment unit provided nearly 400 educational sessions, including larger Student Health Ambassador programs, to more than 6,800 participants. Looking to the future, Health Education is excited to:

- Expand summer programming on ticks and summer safety;
- Further build strong, integrated internal and external partnerships with agency and community stakeholders;
- Strengthen our Faith-Based Initiative to better meet the needs of our residents and the faith-based organizations that serve them; and
- Bolster the breadth and reach of our website and social media outlets.



Core and Essential Public Health Services Addressed:



CHRONIC ILLNESS

“An ounce of prevention is worth a pound of cure.” - Benjamin Franklin

Clinic Services

The *Live Healthy Ocean County! (LHOC!)* program provides Ocean County residents an opportunity to receive chronic disease screenings, vaccinations, and preventive diagnostic services they may otherwise not be able to receive. These services are partnered with clinical education on chronic disease risk factors and prevention techniques to prevent conditions such as high blood pressure and stroke.

Some of the services provided by the **Public Health Nursing Services: Clinic Services** division in 2018 are listed on the right, including the total number of annual chronic disease screenings and services provided – 4,411. Of note, there was a 179% increase in Blood Lead case management cases from 2017 to 2018; due to the decrease in the blood lead level indicated for clinical case management by the Centers for Disease Control and Prevention. However, of the significant increase in case management required of public health to respond to the lower blood lead level, only a nominal 16% increase (from 25 to 29) in blood lead cases meeting case definition occurred.

Health Education

In 2018, the **Health Education and Community Assessment** division worked in collaboration with Clinic Services on applying for new grant funding opportunities addressing the disparate rates of chronic disease in Ocean County. These applications were successful and the Ocean County Health Department was awarded two grants; a Heart Disease and Stroke Prevention grant in the amount of \$27,000 and a Diabetes Prevention and Control grant in the amount of \$25,000. Both grants provide the opportunity to reach vulnerable populations in Ocean County.

CLINIC	CLINIC MEASURES	TOTAL
Chronic Disease and Senior Health Services	Blood Pressure	326
	Cholesterol Screening	68
	Colorectal Screening	11
	Glucose Screening	116
	MSRAP	289
	Osteoporosis	38
	Total	848
Immunization Services	Hepatitis A Virus	14
	Hepatitis B Virus	105
	Influenza	2,615
	Pneumonia	70
	Pre-Exposure Rabies	0
	Shingles Immunization	1
	Tetanus, Diphtheria, and Pertussis (TDAP)	50
	Total	2,855
Preventive and Diagnostic Screening Services	Cancer Detection (CEED)	73
	Eye Clinic Services	135
	Blood Lead Screenings	6
	New Lead Cases	29
	Lead Case Management Cases	427
	Lead Visits	38
	Total	708
TOTAL		4,411

Highlights and Looking Ahead

In 2019, the Ocean County Health Department is excited to continue broadening outreach efforts for chronic disease screening services in conjunction with our Faith-Based Initiative and community partners and to make clinical case management of heart disease, stroke and diabetes more readily accessible to those disproportionately impacted by these conditions and those whose insurance status may prevent them from receiving these requisite services.

Core and Essential Public Health Services Addressed:



COMMUNICABLE DISEASE

“With infectious disease, without vaccines, there’s no safety in numbers.”

- Seth Berkley

Animal and Rabies Control

In 2018, the **Communicable Disease Unit** maintained a program for the control of rabies and other zoonosis in conjunction with ongoing partnerships with local Animal Control Officers and contractors.



- 976** Animal bite reports; **5** of these reports were deemed to have no rabies risk and closed at time of receipt, the remaining **971** reports were investigated for rabies exposure risk.
- 129** Animals submitted to the State lab to be tested for rabies.
- 11** Rabid specimens indicated public health follow-up and contact tracing. Two (**2**) strict domestic animal confinement orders were issued by the Health Officer. Five (**5**) residents required post exposure rabies vaccinations for prevention of disease. Forty-five (**45**) total individuals received post-exposure rabies vaccinations, at the recommendation of staff or by his/ her own initiation.

Communicable Disease Investigations

An overview of investigations and the efforts to respond to and control a select communicable disease outbreak is provided on the right.

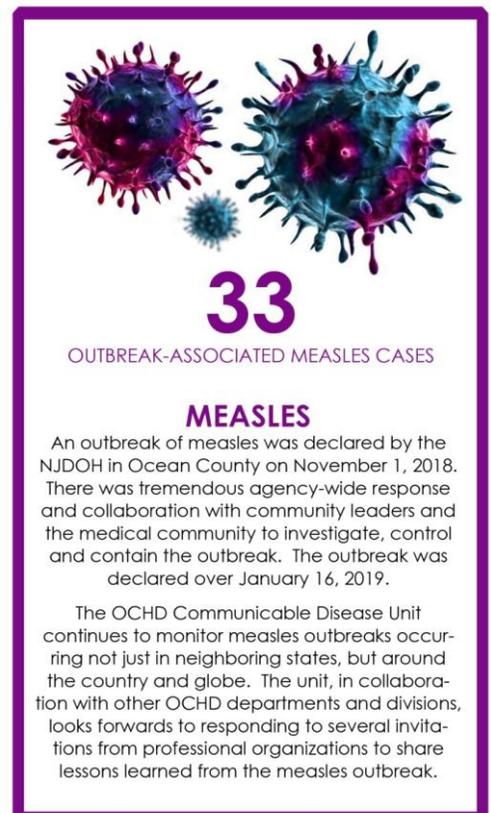
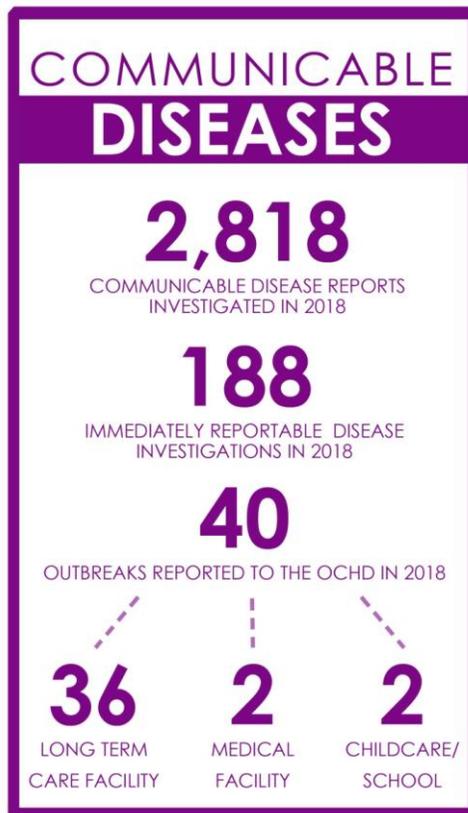
Immunization Audits

The unit also assists schools in implementing and enforcing the immunization requirements in N.J.A.C. 8:57-4.

169 Grade Schools **121** Preschools



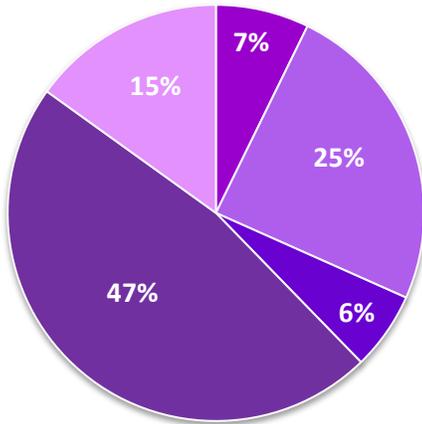
ALL preschools were furnished with the “Truth About Vaccines” brochure via the NJDOH and or a “Don’t Wait, Vaccinate!” poster featuring Dr. Guerrero.



Infectious Disease Clinic Services

Clinic Services offers diverse health screenings and case management programs for the residents of Ocean County. Services include chronic disease screening services, immunization services, preventative and diagnostic screening services, sexually transmitted disease screenings, blood borne pathogen education, and tuberculosis (TB) services.

2018 Clinic Services, by Category



- Chronic Disease and Senior Health Services
- Immunization Services
- Preventive and Diagnostic Screening Services
- Sexually Transmitted and Bloodborne Pathogens
- Tuberculosis (TB) Services

11,598

Individual Clinical Services Provided in 2018



69

ARCH Clients Screened

Key Clinic Services Highlights in 2018

- *Live Healthy Ocean County!* Program provided preventative screenings at various senior centers, and faith-based congregations in Ocean County providing: Blood Pressure screenings held - **745**, MSRAP - **620**. Immunizations provided for Shingles - **1**, Hepatitis A - **4**, Hepatitis B - **63**, Influenza - **2732**, Pneumonia - **70**, Pre-Exposure Rabies - **5**, and TDAP - **43**.
- Preventive eye screenings are offered to low and uninsured residents in the county. A total of **123** residents have been screened for basic vision problems. No cost referrals are provided for vision interventions and case management with the Commission for the Blind and Visually Impaired.
- STD screening services were provided to **454** unduplicated individuals totaling **993** Gonorrhea, **993** Chlamydia, and **468** Syphilis screenings and the HIV Counseling and Testing Clinic tested **697** residents.
- In 2018, **129** Chest X-rays and **461** visits of direct observed therapy were performed, **12** new TB cases were clinically case managed, and **93** individual medical visits were provided. **19** residents received LTBI medication visits and **526** residents received Tuberculin Skin Testing.
- The OCHD Clinics Department performed **272** glucose and **148** cholesterol tests for county residents



Core and Essential Public Health Services Addressed:



EMERGENCY PREPAREDNESS

“Remember: When disaster strikes, the time to prepare has passed.”

- Steven Cyrus

ACTIVE MEMBERSHIP & REPRESENTATION

NJDOH Healthcare and Public Health Collaborative

Ocean County Emergency Response Committee (ERC)

Ocean County Local Emergency Planning Committee (LEPC)

Region II National MRC

Grant Management and Requisite Exercises

Every year, emergency preparedness grants are coordinated and managed by the **Health Preparedness and Planning Team**. In 2018, they managed the Public Health Preparedness LINCS Grant, RERP Grant (966), and performed NJDOH-required preparedness exercises including, but not limited to:

- Toms River sub-acute rehab nursing home exercise in collaboration with the Health Care Association of New Jersey
- Central East Regional Coalition Regional emerging infectious disease exercises (access and functional needs population)
- Presentations to Ocean County College, local libraries, and County Connection at Ocean County Mall
- Successful completion (92%) of annual NJDOH PIO exercise

92%

Community Coordination

Additional and ongoing coordination routinely occurs within our community to ensure operational readiness in the case of an emergency in Ocean County. Some of these coordination activities were:

- Medical Countermeasures Operational Readiness Review (ORR) Inspection with NJDOH
- Community Medical Center’s HVA & Emergency Operations Plan Review
- Online, classroom, and real-world/exercise NJDOH grant-required trainings for OCHD and MRC
- Engaged local county agencies/businesses on the SNS program to serve as a partner (MOU) as a fixed facility
- Development of Regional Concept of Operations Plan in collaboration with MCC Coordinator
- Development of HCC Preparedness Plan in collaboration with NJEMS Taskforce Planner, MCC Coordinator, and NJDOH Regional Coordinator

Highlights and Looking Ahead



In conjunction with the New Jersey Department of Health and local health officials, the Health Preparedness and Planning Team assisted with the ongoing investigation of an outbreak of measles. The team enlisted Medical Reserve Corps volunteers to assist local providers with giving vaccinations and transported clinical specimens when necessary.

The Health Preparedness and Planning Team continues to strengthen their membership of the Medical Reserve Corps Program with Ocean County College Nursing staff and students and in collaboration with faculty liaisons.



Core and Essential Public Health Services Addressed:



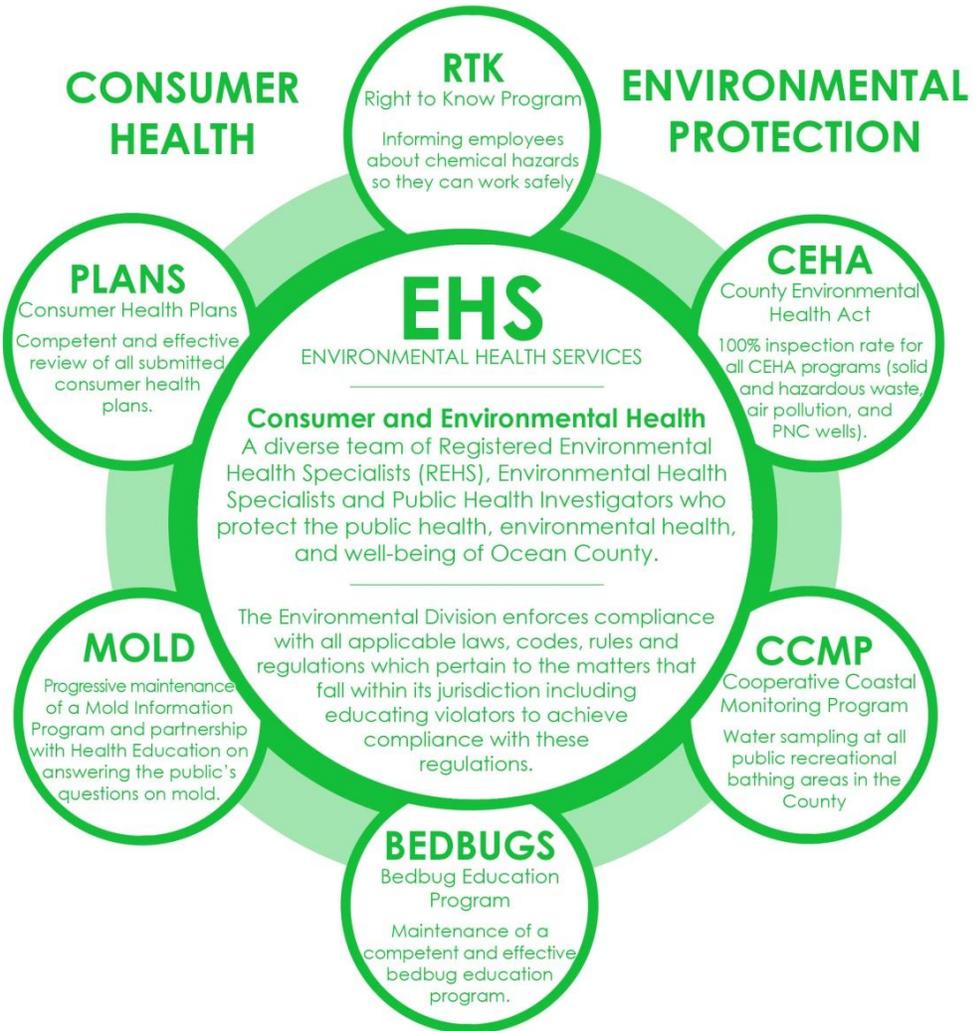
ENVIRONMENTAL HEALTH

“Plans to protect air and water, wilderness and wildlife are in fact plans to protect man.” - Stewart Udall

Administrative Authority

By law, certain surveillance and oversight activities must be administered by the **Environmental Health** Division of a local health department. In Ocean County, the OCHD serves as the “Administrative Authority” to protect the County’s health and natural resources by implementing these activities through diverse programs, requisite and supplemental, including, but not limited to:

- Food surveillance
- Septic system
- Potable well
- Body art
- Public health nuisance
- Campground
- Animal facility
- Recreational bathing
- Groundwater contamination
- Hazardous substances control
- Recycling compliance



2018 Inspections


3320
Food establishment inspections


559
Recreational bathing site inspections


52
Body art facility inspections


41
Kennel and animal facility inspections


40
Campground/ youth camp inspections

Core and Essential Public Health Services Addressed:



MATERNAL AND CHILD HEALTH

“The health of a mother and child is a more telling measure of a nation’s state than economic indicators.” - Harjit Gill

Early Intervention (EI)

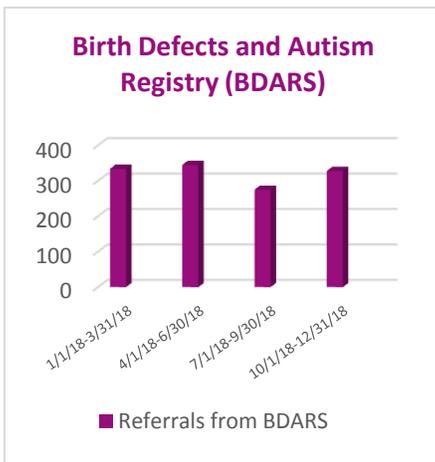
The OCHD’s **Early Intervention (EI) Program** provides services to children under the age of 3 years experiencing a developmental delay, disability, or that has a diagnosis with a high probability of resulting in a developmental delay. Evaluations for these services are provided at no cost to the family and eligible children are assured access to and availability of individualized early intervention services.

In 2018, the Early Intervention Program decentralized their offices across Ocean County to better meet the needs of the families they serve and reducing the travel time between appointments to increase efficiency and caseload. Looking forward to 2019, EI plans to continue staff development and maintaining positive relationships with local school districts and service providers.

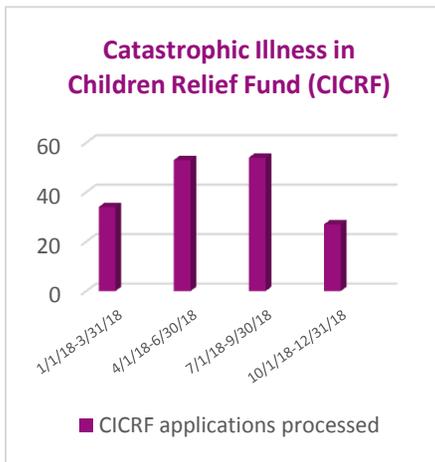


CHILDREN CASE
MANAGED IN 2018

Special Child Health Services



Like EI, **Special Child Health Services (SCHS)** is committed to assisting the families of some of our most in need children. SCHS, however, provides services for children with complex, long-term medical and developmental disabilities up to the age of 22. SCHS performs outreach to 300-400 families a month and provides information, resources and referrals regarding medical, educational, social, emotional and rehabilitative services and programs.



An overview of the services offered through OCHD’s SCHS Program.

For more information on this program, call 1-800-342-9738 or 732-341-9700, extension 7602. Case workers may also help parents access the New Jersey Catastrophic Illness in Children Relief Fund.

WIC – Women, Infants and Children

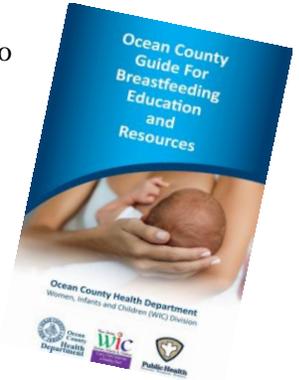
The OCHD **WIC Program** provides supplemental, nutritious foods to low-income families in Ocean County. WIC participants receive nutrition education, referrals to community partners, social services and healthcare providers, immunization education, and breastfeeding education and support.

\$42,229.69
2018 FARMER'S MARKET
VOUCHER REDEMPTION



In 2018, WIC newly partnered with Krowicki's Farm to provide fresh produce to WIC participants onsite using Farmers' Market vouchers and cash value vouchers.

Additionally, significant advances were made in expanding county-wide support for and access to breastfeeding resources – a clinical breastfeeding guide was published, "*Ocean County Guide for Breastfeeding Education and Resources*", a free breastfeeding class was established at Southern Ocean Medical Center, and steps to initiate a breastfeeding support group were taken with Oasis Family Success Center in Barnegat.



Ongoing efforts are being made to address the unmet needs for maternal and child health in Ocean County, but the OCHD recognizes that this cannot be done alone. Targeting maternal and child health disparities racially and geographically, the OCHD WIC Program coordinates services with community and clinical partners to foster relationships, bridge gaps where services are otherwise missing or suboptimal, and create linkages to avoid duplication of services. Listed below are a few of the new and continuing community partners working with WIC in 2018:



Looking to the Future



OCEAN COUNTY WIC PROGRAM
A SPECIAL SUPPLEMENTAL NUTRITION PROGRAM

- ARE YOU PREGNANT?
- DO YOU HAVE AN INFANT OR CHILD UNDER THE AGE OF 5?
- DO YOU WORK HARD BUT STILL STRUGGLE TO PROVIDE NUTRITIOUS FOODS FOR YOUR FAMILY?

You may already qualify!

WIC IS AN INCOME-BASED PROGRAM BUT INDIVIDUALS ON MEDICAL OR FAMILY CARE, OR SNAP PROGRAMS MAY ALREADY BE ELIGIBLE FOR SERVICES

RECEIVE ON AVG. \$60 A MONTH PER PARTICIPANT TOWARDS HEALTHY, NUTRITIOUS FOODS

CALL TO SCHEDULE AN APPOINTMENT TODAY!
732-370-0122

RECEIVE BREASTFEEDING SUPPORT FROM PEER COUNSELORS AND LACTATION CONSULTANTS

WWW.OCHD.ORG

WE HAVE 3 CONVENIENT LOCATIONS THROUGHOUT OCEAN COUNTY

333 HAYWOOD RD MANAHAWKIN, NJ | 175 SUNSET AVE TOMS RIVER, NJ | 1771 MADISON AVE LAKWOOD, NJ

This institution is an equal opportunity provider.

In 2019, the OCHD WIC Program is excited to:

- Broaden outreach efforts beyond southern Ocean County,
- Offer mobile WIC services in the community,
- Partner with Ocean Health Initiatives-Little Egg Harbor Prenatal Clinic for onsite WIC certification services,
- Initiate a "WIC 101" Class with Family Success Centers and Board of Social Services across Ocean County,
- Open a home-like Maternal Support Room in Lakewood, and
- Expand CUNA Classes and fatherhood initiatives with The Children's Home Society's Healthy Women, Healthy Families program to reduce disparities in maternal health outcomes.

Core and Essential Public Health Services Addressed:



SUBSTANCE ABUSE AND ADDICTION

“Addiction is a hugely complex and destructive disease, and its impact can be devastating. All too often, lives and families can be shattered by it.” - Kate Middleton

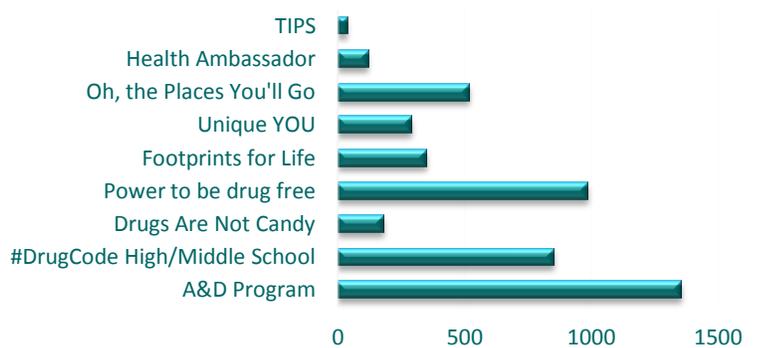
Substance Abuse Prevention Education

From January 1 - December 31, 2018, the Ocean County Health Department’s **Alcohol and Drug Unit** served 4,687 unique clients. These 4,687 clients have participated in 119 programs throughout 11 different municipalities.

Sessions Held



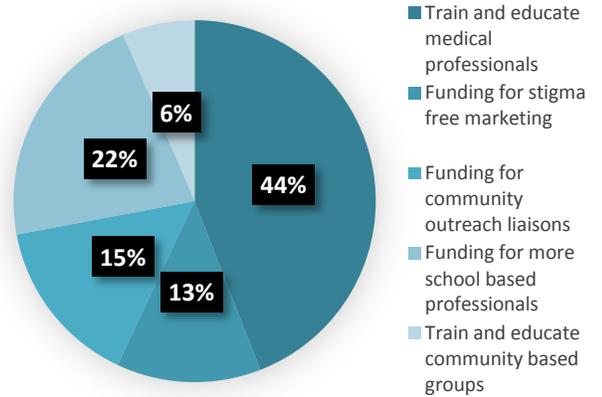
Participants



The OCHD Alcohol and Drug Unit hosted two events in 2018 for the behavioral health community.

- A **focus group** was held in July 2018 in conjunction with PACADA to identify the top priorities for prevention, early intervention, treatment and recovery supports. A total of 39 representatives from local agencies were asked to share their ideas for possible solutions to challenges that are commonly presented when addressing mental health and substance abuse in Ocean County. The overarching priorities identified are reflected in the pie chart on the right.
- A conference titled **“Hope for Her: Overcoming Addiction”** focused on women with substance use disorder and women in recovery. The conference was held to shed light on individual recovery stories of real people who have fought and won the battle against addiction.

Top Priorities for SA Prevention & MH Promotion



Alcohol Education and Intoxicated Driver Resource Center (IDRC)

15

High Schools participated in AlcoholEdu

3,726

9th Grade students reached with AlcoholEdu

6

High Schools participated in 3-D Program at OC Mall

The IDRC’s expansion of the 3-D program includes participation by mayors, teachers, prevention professionals and State officials. We believe that our expanded prevention footprint inside our high schools as well as OCC/Kean has aided in the efforts to increase awareness, influence policy and possibly reduce convictions and fatalities.

In 2018, and in accordance with Continuous Quality Improvement, the IDRC implemented a policy regarding Alcoholics Anonymous and issuances of non-compliance to clients. Specifically, client files are reviewed twice monthly to ensure the timely issuance of appropriate documentation to sentencing courts take place.

Key Highlights in 2018

The Ocean County Board of Health streamlined all alcohol and drug activities in 2018 under the Department of Substance Abuse, Addiction and Opiate Dependency, addressed in greater length under the “Ocean County Response to Opiates”.

Core and Essential Public Health Services Addressed:



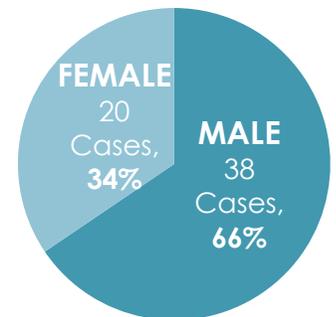
OCEAN COUNTY RESPONSE TO OPIATES

The OCHD continued their leadership role with the opiate and heroin epidemic in 2018. The Ocean County Fatality Review Pilot Project (OC-OFRPP) began their decedent review process by examining the interaction of the complex systems of residents including their family history, environment, and autonomous agents of impact (experiences).

The OC-OFRPP utilizes two approaches to data collection: 1) a “social autopsy” process which reviews individual and system trends experienced by an overdose decedent, and 2) countywide data collection efforts on the opioid epidemic. Both approaches aim to find the local denominator for addiction in our county.

At the end of 2018, 36 agencies were affiliated to conduct social autopsies with the Ocean County Overdose Fatality Review Pilot Program representing state, county and local entities. A total of 58 cases had been reviewed with 38 male cases (66%) and 20 female cases (34%). The ages in the reviewed decedent cases ranged from the youngest decedent who died at the age of 18 to the oldest who died at the age of 67.

DECEDENT
AGE RANGE:
18 – 67
YEARS OF AGE



Under this Pilot Program, the Ocean County Fatality Review was awarded the NJDOH’s Best Integrated Health Poster at the 2018 Population Health Summit titled “Better Together: An Integrated Approach to Address the Opioid Epidemic”. Additionally, key staff were invited to attend multiple summits and symposia to further discuss the results of the social autopsy process as outlined below:

- July 2018** – Richa Sharma and Kimberly Reilly attend social autopsy process in Baltimore, MD
- November 2018** – Daniel Regenye and Kimberly Reilly attend DEA/HIDTA Opioid Response Symposium in Cleveland, OH
- December 2018** – Daniel Regenye, Richa Sharma, and Kimberly Reilly attend NYC Opioid 360 Response Meeting in New York City

Due to the success of the project, the Ocean County Board of Health passed a resolution September 26, 2018 to continue the program for two additional years (2019-2020) and to remove the project’s “pilot” status. During 2019-2020, the OC-OFRPP will expand to include more data collection efforts and look to begin implementing programmatic and policy changes in Ocean County to decrease overdose death rates. In October 2018, the Board of Health developed a comprehensive department to tackle addiction. The **Department of Substance Abuse, Addiction and Opiate Dependency** encompasses all of the alcohol and drug programming facilitated by the OCHD.

DSAAOD

DEPARTMENT OF SUBSTANCE ABUSE, ADDICTION AND OPIATE DEPENDENCY

- Alcohol and Drug Comprehensive Grant** – Division of Mental Health and Addiction Services (DMHAS)
- Intoxicated Driver Resource Center (IDRC)** – Intoxicated Driver Program
- Municipal Alliances** – Governor’s Council on Alcoholism and Drug Abuse
- Ocean County Overdose Fatality Review Program (OC-OFRP)**
- Substance Use Prevention and Education Unit**

COMMUNITY HEALTH IMPROVEMENT PLAN – YEAR 4

OCEAN COUNTY COMMUNITY HEALTH IMPROVEMENT PLAN 2014-2018 *Annual Health Status Update – Year 4 – 2018*

The Ocean County Annual Health Status Report provides current data on programs or activities performed by various agencies that affect the health of Ocean County residents. In this report, we will highlight each health issue and list some of the key highlights during 2018.

Behavioral Health: Mental Health and Substance Abuse

Key Behavioral Health Strategies

- Integrate Behavioral Health disorders into primary care settings
- Improve stigma reduction awareness
- Promote Prescription Drug Monitoring (PDM) system and Drop off Boxes
- Increase awareness and provide appropriate referrals to select services to needed individuals and families

OCHD Prevention Programs

Residents receiving prevention programs January 1, 2018- December 31, 2018

Program	Sessions Held	Participants
A&D Program	15	1,355
#Drugcode/High School and Middle	34	853
Drugs Are Not Candy	6	180
Power to be drug free	14	985
Footprints for Life	12	350
Unique YOU	11	290
Oh, the Places You'll Go	19	517
Health Ambassador	5	120
TIPS	3	37
TOTAL	119	4,687

From January 1st to December 31st, the Ocean County Health Department has served 4,687 unique clients. These 4,687 clients have participated in 119 programs throughout 11 different municipalities.

Behavioral Health, Mental Health and Substance Abuse: Assorted Agencies and Association's Contributions

Objective #3	Improve access to quality mental health and substance abuse prevention, treatment, and recovery services for all county residents while reducing the associated stigma.
Strategy 3.1	Integrate Behavioral Health into primary care settings & offering continuum of care

Activity 1	Promote and support the integration of behavioral health (BH) into primary care under the new provisions of the health care reform law	<i>NJDCF defunded in FY 17 an initiative to make telephonic psychiatric consultation available to pediatricians. In 2019, this initiative will receive federal funding through NJDOH & NJDCF. Jersey Shore University Medical Center is one of several university hubs that will provide training, continuing education, and consultation to pediatricians to enhance their competency to address the needs of youth with mental health challenges.</i>
Activity 2	Promote integrated care models that provide continuum of care to BH consumers	<i>In 2018, Ocean MHS was awarded SAMHSA grant funding to enhance its service delivery using a Certified Community Behavioral Health Center (CCBHC) model. One important aspect of CCBHC is the integration/ co-location of primary health care services with behavioral health. It will be operational in February 2019 in Bayville and Manahawkin locations.</i>
Activity 3	Educate the BH consumer on new services under Affordable Care Act	<i>Community Mental Health Centers are contractually incentivized to facilitate enrollment in ACA Marketplace plans or Medicaid if eligible. As of 2018, all BH providers have staff that is certified to do Presumptive Eligibility applications for consumers for Medicaid.</i>
Activity 4	Encourage healthcare providers to use SBIRT	<i>No additional update.</i>
Activity 5	Educate the BH consumer on MH & SA parity	<i>No additional update.</i>
Strategy 3.2	Enhance and improve upon current stigma reduction and awareness activities that are culturally and linguistically sound while increasing awareness and use of mental health and substance abuse services in the county	
Activity 1	Promote awareness & open discussion on the harms of stigma & the Overdose Prevention Act	<i>Mental Health Awareness Committee holds annual essay/poetry contest for youth and young adults and an art contest for 5th graders. The theme of the contests is the impact of stigma, how to eliminate stigma, importance of mental health for everyone, and how to support friends who experience mental health challenges. In 2018, 16 elementary schools participated in the art contest which is in its 11th year.</i>
Activity 2	Promote educational programs that target PPD	<i>This is being done by the CJFHC.</i>
Activity 3	Encourage peer to peer programs to navigate the system of care	<i>The FSO and NAMI provide a range of peer services and support groups for parents and youth impacted by behavioral health challenges. NJDMHAS is developing a peer specialist certification and a State Medicaid Plan amendment to codify Peer Specialists and Peer Recovery Specialists in the BH system of care.</i>

Strategy 3.3	Enhance and improve upon telemedicine utilization in order to increase access to MH and SA services	
Activity 1	Expand the use of telepsychology by BH providers	<i>Legislation pending regarding change in Medicaid Rates for this.</i>
Activity 2	Educate BH providers on the benefits of telemedicine	<i>BH providers have been made aware of benefits of telemedicine.</i>
Strategy 3.4	Promote the existence of prescription drug monitoring program and drop off boxes in the county	
Activity 1	Educate on prescription drug monitoring program	<i>PACADA and DART Activities.</i>
Activity 2	Promote and increase Rx drop off boxes	<i>PACADA and DART Activities.</i>
Activity 3	Promotion of programs that assist residents in prescription monitoring to avoid drug abuse	<i>DART activities</i>
Strategy 3.5	Partner w FBO, CBO, business, and schools to reach vulnerable population in the county on MH and SA disorders	
Activity 1	Collaborate to develop an educational campaign on BH issues and resources	<i>There is an active local initiative to provide BH and resource information to the law enforcement community, through Crisis Intervention Team (CIT) training and other informational sessions. In late 2018, both Preferred Behavioral Health and the NJDMHAS received SAMHSA grants for Mental Health Awareness Training. PBH's grant will support CIT and expand the availability of Mental Health First Aid training throughout the community. The NJDMHAS grant will offer both Mental Health First Aid and the QPR curriculum of suicide prevention to community groups, first responders, veterans, and youth serving organizations.</i>
Activity 2	Educate Faith-Based Organizations on BHO issues	<i>Gambling addiction awareness event in June 2018 through OCHD.</i>
Activity 3	Engage businesses on BH needs, services for employees	<i>The Mental Health Awareness Committee's Stigma Free Workplace initiative is on hold due to resource issues.</i>
Activity 4	Increase educational outreach to schools	<i>CIACC trainings for school personnel are ongoing. In 2018 there were 7 Educational Trainings with topics including the PQR model for suicide prevention, working with LGBT Youth, Digital Deter, and Homeless Youth. 575 individuals attended the 2018 Training Series.</i>

Key Chronic Disease Strategies

- Provide a patient-centered multidisciplinary approach across healthcare settings.
- Empower residents on appropriate chronic disease management.
- Coordinate programs across various settings.
- Increase knowledge and participation in early detection of chronic diseases.
- Reduce hospital admissions that are preventable due to chronic diseases.

Below you will see several bullet points delineating programmatic initiatives both qualitative and evidence-based which are employed by the Ocean County Health Department to improve physical health, mental health and overall well-being.

Hand Washing: This is a program designed to teach kindergarteners the importance of proper hand washing and how germs can be easily spread through hand contact.

Health and Hygiene: This is a program which helps to teach children proper hygiene practices by introducing children to different hygiene products and identifying how often we should use each item.

Hepatitis C Virus (HCV): This program is designed to educate at risk populations on the HCV. We are committed to providing the most helpful and relevant resources to individuals who may be at risk for HCV. Our presentation will educate individuals on the health effects of HCV, testing, and treatment options. High risk populations include but are not limited to: mental and behavioral health facilities, injection drug users, baby boomers, and healthcare workers.

Mold: This program is designed to educate adults on mold. Molds are the most common forms of fungi found on earth. They can grow on almost any material, as long as moisture and oxygen are available. Molds can cause mild to severe health problems in sensitive individuals when a sufficient number of airborne spores are inhaled. Topics covered with this program include: what to wear when entering a building with mold damage, tips to clean up mold, health effects, and common types of mold. There is a toolkit with additional information provided on the topic.

Stress Happens: Stress Happens aims to educate youth with ways to live a healthy and well balanced life style. This program was created to help youth learn ways to deal with stress and overcome anxious tendencies caused by school, tests, work, relationships and everyday stresses that an adolescent encounters.

Sun Safety: This is a program that helps teach children learn proper protection from damaging UV rays. Sun Safety teaches the correct way and how often to apply sun screen, being comfortable in your own skin, and what protective clothing to wear.

Tick Borne Illnesses: This program is designed to educate adults on tick prevention and tickborne illnesses. The most common ones found in New Jersey that are covered on this program are Lyme Disease, Babesiosis, and Rocky Mountain Spotted Fever. Transmission of these illnesses, signs and symptoms, as well as, testing and treatment are discussed for each. There is a toolkit with additional information provided on the topic.

Tuberculosis: This program is designed to educate healthcare workers and support staff on the signs and symptoms of Tuberculosis. Topics covered with this program include: symptoms, transmission, testing and diagnosing, and treatment of active and latent forms of the Tuberculosis disease.

Youth Success Network: Promote environments where adolescents and young adults can gain fundamental health knowledge and skills, establish knowledge of lifelong healthy behaviors, and connect to health services.

The OCHD employs a Certified Dental Assistant/Registered Dental Assistant that **delivered 154 presentations to 3961 residents across the age continuum in Ocean County in 2018**. These age-appropriate presentations were delivered to schools, senior centers, clubhouses and civic organizations.

Key Highlights in 2018

Provide a patient-centered multidisciplinary approach across healthcare settings:

- **CHEMED** provides integrated patient care across several disciplines, including Laboratory, Radiology, Pharmacy and other specialty services including dental and periodontal services.

Empower residents on appropriate chronic disease management:

- **The Ocean County and Long Beach Island Health Departments** continue to address prevention and management of chronic diseases with various community groups across the County; *Live Healthy Ocean County!*, Ocean Monmouth Health Alliance, Rotary, Kiwanis, Ocean County Library, Choose Your Cover, Faith-Based Initiative, Congregate Lunch Programs and Project Healthy Bones.
- **The Long Beach Island Health Department** promoted Meridian's "Take Control of Your Health and Diabetes Self-Management" workshops.
- **The Ocean Monmouth Health Alliance** provides "Cancer; Thriving and Surviving Chronic Disease" self management workshops. The workshops focus on the importance of improving and helping survivors achieve good health and well-being.
- **The Ocean Monmouth Health Alliance** via the Office of Cancer Control and Prevention of the New Jersey Department of Health provided a quality improvement project to increase colorectal cancer screening rates among Ocean County primary care medical practices.
- **The Ocean Monmouth Health Alliance** sponsored "*Choose Your Cover*", a sun safety and education event wherein skin cancer screenings were offered at Brick Beach III with Central Jersey Oncology nurses and Hackensack Meridian in Ship Bottom in coordination with the Long Beach Island Health Department.

425 residents attended and 64 received screenings.

Coordinate programs across various settings:

- **Hackensack Meridian** held **588** events in Ocean County. Among these events there were **22** health fairs, **133** health screenings, **366** lectures, **124** support groups, **14** public appearances, 23 special events, **4** cultural diversity events, **1** translator event and **57** grant related events. Some highlights are as follows: Bone Density: **561** Bone Density out of range: **197**, BMI: **1915** BMI out of range: **916**, Stroke risk: **1156** Stroke risk out of range: **152**, Glucose: **1216** Glucose out of range: **481**, BP: **2022**, BP out of range: **481**
- **The Ocean County Health Department - Clinic Services** provides chronic disease screening services, multicultural health fairs, and now features a newly incorporated diabetes education component as part of its many services.
- **The Long Beach Island Health Department** provided **510 health promotion sessions across the age continuum which included 5413 participants for 2018**. Topics included Alcohol and Smoking prevention, nutrition information, injury control, physical fitness and exercise, drug abuse prevention and AIDS Education.

Increase knowledge and participation in early detection of chronic diseases:

- **The Ocean County and Long Beach Island Health Departments** increased knowledge and participation in early detection of diseases through adult health promotion clinics like the Cancer Education and Early Detection (CEED) Clinic at OCHD and via a utilization of a mobile mammography van (LBIHD) available to the public on a quarterly basis.
- **The Ocean County and Long Beach Island Health Departments** utilize several social media platforms to promote health observances surrounding chronic disease and access to care and services.
- **The Long Beach Island Health Department** hosted a table at Southern Ocean County Hospital's Diabetes Fair.
- **The Long Beach Island Health Department** participated in the Kiwanis Bike Safety Events with **300 participants**.
- **The Long Beach Island Health Department** administered **200 BP screenings** in 2018
- **The Ocean County Health Department** provides numerous chronic disease services as outlined below:
 - *Live Healthy Ocean County!* Program provided preventative screenings at various senior centers, and faith-based congregations in Ocean County providing: Blood Pressure (BP) screenings held **745**, MSRAP **620**. Immunizations provided for Shingles **1**, Hepatitis A **4**, Hepatitis B **63**, Influenza Vaccine **2732**, Pneumonia **70**, Pre-Exposure Rabies **5**, and TDAP **43** through December 2018.

- **OCHD** provides Cancer Education and Early Detection programs (CEED) to uninsured residents to monitor for breast, cervical, and colorectal cancers as well.
- The **OCHD** no longer routinely performs blood lead testing for lead exposure resulting in only 19 blood lead screenings performed through December 2018. However, we maintain nursing case management for cases of elevated blood lead with 14 new lead cases, and 20 lead home visits in 2018 through December. A total of **44** cases are also under the Lead Case Management Team.
- Preventive eye screenings are offered to low and uninsured residents in the county. A total of **123** residents have been screened for basic vision problems. No cost referrals are provided for vision interventions and case management with the Commission for the Blind and Visually Impaired.
- Screening for Gonorrhea: **454** adolescents and adults, Chlamydia **993** screenings, and Syphilis **468** screenings. Through December 2018, the HIV Counseling and Testing Clinic tested **697** residents.
- Treatment and support services for low-income residents living with HIV/AIDS is provided free of charge. A total of **93** medical visits were provided to residents with HIV infection with **12** new cases added through December 2018. A total of **645** residents had face- to- face case management sessions and **406** residents had non-face-to face case management sessions. These sessions provide both clinical and case management services which have helped in the reduction in community-level viral load suppression - an important part in the prevention of HIV transmission. Mental Health Services were provided to **90** residents and nutrition services were provided to **25** residents through December 2018. A total of **662** referrals and linkages to other services were provided in 2018 through December.
- In 2018 year to date, a total of **129** Chest X-rays were performed, adding **12** (in 2018) new TB cases. A total of **461** visits of direct observed therapy were performed, and **93** individual medical visits were provided. **19** residents received LTBI medication visits in 2018 and **526** residents received the Tuberculin Skin Testing in 2018 through December down from **636** in 2017.
- OCHD Clinic Services performed **272** glucose and **148** cholesterol tests for county residents in 2018
- The **Ocean Monmouth Health Association** distributed **1200 updates** to area legislators to inform them of health awareness months and other relevant health related issues. These updates also included information about cancer related resources including (NJCEED) New Jersey Cancer Education and Early Detection Program.

Reduce hospital admissions that are preventable due to chronic diseases:

- **CHEMED** began a Case Management Department whose mission is to work one on one with non-compliant chronic disease patients.

Childhood Obesity

Key Childhood Obesity Strategies

- Promote exclusive breastfeeding through proven policies and practices.
- Implement nutrition standards to limit the availability of less nutritious foods in schools.
- Increase of physical activity in child care centers and schools in Ocean County.
- Increase the involvement of healthcare professionals in obesity prevention.
- Educate the residents of all cultures on the options to make healthy choices.

The Ocean County Health Department Health Education Division includes routine programming for nutritional programs like “Making Healthy Choices”, focusing on children in elementary school to deliver innovative programs aimed at giving young children the skills they need to make smart nutritional decisions.

Throughout the year 2018, the Health Education division held a total of **392** educational sessions and reached a total of **6,833** participants.

Diabetes Education: This program offers basic education regarding diabetes and what caring for the disease entails. Blood pressure and blood glucose screenings will be provided, as well as, referrals to help guide anyone in need to their next step(s).

Senior Health Ambassador: The Ocean County Health Department is partnering with and equipping local residents to take steps to protect and improve their personal health. We are committed to providing individuals with some of the guidance and encouragement needed to take practical and reasonable steps towards accomplishing this. The Senior Health Ambassador program is composed of community-based innovative and evidence-based programming for older adults and seniors. These programs can be facilitated to help older adults and seniors improve their skills manage chronic diseases, improving wellness, managing medication, preventing falls, and more.

Student Health Ambassador: The Ocean County Health Department is dedicated to providing evidence-based and innovative health education and alcohol and drug programming for students of all ages. Through the collaboration between the OCHD and the Ocean County School System, we have developed comprehensive programming that is uniquely tailored to the identified needs of the schools as well as delivered in an engaging and age-appropriate curriculum. With the approaching 2018-2019 school year, we are excited to introduce a new innovative way to provide health education programming to your students in a single encounter by making them “Student Health Ambassadors”! After participation in the Student Health Ambassador Day, the Ocean County Health Department will provide schools with summary reports of the program and will partner with schools on bi-annual Student Health Ambassador activities that teachers can provide students to support and reinforce messaging that Public Health is You Too!

WIC Program: The OCHD WIC Program monthly enrollment of participants is **16,922, as of May 2018**. Of those enrolled, 55.9% are children (ages 1-5). Currently, there are six WIC clinics conveniently located throughout the county with the addition of a mobile unit coming early 2019. The overall goals of the program are to prevent the occurrence of health problems, improve nutritional status, reduce infant mortality and maintain a positive health status in all participants for as long as possible. WIC improves health outcomes for low-income families by providing nutrition and health education, supplemental and nutritious foods, breastfeeding support, education and assessments, immunization education and healthcare referrals.

Key Highlights in 2018

Promote exclusive breastfeeding through proven policies and practices:

- **The Ocean County Health Department - WIC Program** is working to enhance and expand breastfeeding services throughout the county. Some initiatives that are underway include: routine phone support through the Loving Support best practice model; hospital liaison partnership; lactation home visits; the creation and dissemination of a breastfeeding education and resource guide for providers who are in contact with pregnant and breastfeeding dyads.
- **Long Beach Island Health Department** promoted breastfeeding in pregnant and new moms. The LBI HD participated in *Community Medical Center's Baby Fair*. Additionally, the LBI HD promoted the Ethel Jacobson School Garden wherein students learned about how food grows and how to incorporate local fruits and vegetables into both cafeteria and home-cooked meals.

Implement nutrition standards to limit the availability of less nutritious foods in schools:

- **The Ocean County Health Department** submitted a proposal still under consideration for a mini-grant with New Jersey for Healthy Communities aimed at reducing childhood obesity through increasing policy, system change, and environmental interventions in an effort to improve rates of physical fitness and healthy eating. Specifically, the proposal included activities to standardize vending policies across the county to limit non-nutritious foods in school vending machines and to initiate curriculum across Head Start programs to engage children and their families in increased physical activity.
- **Long Beach Island Health Department** continued its agreement with St. Francis Preschool to provide Childcare Health Consultation which includes a review of nutrition and oral practices and educational presentations to students and staff.

Increase of physical activity in childcare centers and schools in Ocean County:

- **The Long Beach Island Health Department** promoted physical activity and healthy eating at Bayview Park: *Sun Safety and Sugar Savy*. Americans eat almost 100 pounds of added sugar every year thereby increasing the incidents of diabetes, prediabetes and adverse cardiovascular events. “*Rethink Your Drink*” was a game that was played wherein participants guessed the sugar content of certain beverages. Healthy beverage options were discussed and **30 families participated**.
- **The Long Beach Island Health Department** participated in the Kiwanis Bike Safety Event.

Increase the involvement of healthcare professionals in obesity prevention:

- **CHEMED** and **OHI** have onsite Nutritionists for use by patients who demonstrate the need.
- **CHEMED**'s annual Uniform Data Systems (UDS) Measures require not just the measurement of Body Mass Index (BMI) for patients, but counseling when a patient is overweight or underweight as well.

Educate the residents of all cultures on the options to make healthy choices:

- **The Ocean County Health Department** delivered the *Making Healthy Choices Program* which educates children about the different food groups and the importance of eating a healthy balanced meal. This program also teaches students how eating nutritious foods can keep our body healthy and free of illness.

Immunization Compliance

Key Immunization Compliance Strategies

- Enhance access to vaccination services in the county.
- Implement a countywide education campaign to educate preschools and childcare providers on the importance of immunization compliance.
- Enforce the immunization requirements at childcare centers, preschools and public schools.
- Ensure healthcare providers provide timely vaccination to children.
- Encourage the use of the NJ Immunization Registry.

Key Highlights in 2018

Enhance access to vaccination services in the county:

- **The Ocean County Health Department - Clinic Services** maintains Vaccines for Children and Adults for both the uninsured and underinsured populations that would not otherwise be able to be vaccinated. Vaccinations including TDAP, shingles, influenza, pneumonia, pre-exposure rabies, and occupational hepatitis B are all vaccines available via Clinic Services.
- **The Long Beach Island Health Department** continued to provide vaccinations to uninsured children through the VFC Program. See the following numbers...
 - **2018 Total Child Immunizations Administered- 38**
 - **2018 Total Adult Immunizations Administered - 448**
- **CHEMED** provides vaccines for the uninsured and underinsured.
- **OHI** provides a medical home for the uninsured and underinsured in Ocean County. Additionally, expansion into Little Egg Harbor has made primary medical services and new dental services more accessible to those who reside in southern Ocean County.
- **CHEMED** provided over **12,500 MMR vaccines** during the 2018 Measles Outbreak with the assistance of OCHD public health nurses and administration staff.

- **OHI** provided several **MMR/Flu** events wherein vaccines were provided for patients at very little or no cost. Events were held at four OHI sites throughout Ocean County over the course of several days. OHI administered a **total of 1,500 vaccines** at these events.

Implement a countywide education campaign to educate preschools and childcare providers on the importance of immunization compliance:

- **The Ocean County Health Department** mailed letters to preschools, childcare providers and elementary schools stressing the importance immunization requirements. Posters on the importance of childhood immunizations were posted at all Public Health and WIC Clinics in the county. The Truth about Vaccines brochures were distributed to all Ocean County libraries, childcare and preschools in Ocean County, County Connections, OC Department of Human Services, and Social Services, and Pediatrician offices waiting rooms.
- **The Long Beach Island Health Department** Annual Staff Development meeting for St. Francis Preschool included information about immunization requirements – **30 staff members attended**. Additionally, the LBIHD had messaging that included the recognition of National Immunization Awareness Week via various social media platforms. Lastly, the LBIHD promoted *Childhood Immunization: a Public Health Priority* the NJDOH webinar for childcare providers.
- **The Long Beach Island Health Department** provided guidance to local healthcare providers to ensure timely vaccinations to children. Additionally, the LBIHD utilized the NJ Immunization Registry for all childhood vaccines administered.
- **The Ocean Monmouth Health Alliance** members provided HPV immunization education to school nurses, parents, young adults and youth in schools and community organizations.
- **The Ocean Monmouth Health Alliance** provided HPV immunization flyers to parents through school nurses.

Ensure healthcare providers provide timely vaccination to children:

The Local Information Network Communication System (LINCS) is utilized to message participating healthcare providers on a variety of topics including vaccination schedules, medication recalls and other pertinent topics just to name a few.

Enforce the immunization requirements at childcare centers, preschools and public schools:

- **The Ocean County and Long Beach Island Health Departments** continue to audit all child care, pre-kindergarten and grade schools (public and private) annually for compliance with N.J.A.C. 8:57-4.
- **CHEMED** and **OHI** are required to report annually on all vaccination rates. Providers follow CDC guidelines for vaccinations and encourage all parents and guardians to adhere to the recommended schedule.

Encourage the use of the NJ Immunization Registry:

- **CHEMED** and **OHI** utilize the NJ Immunization Registry.
- **The Ocean County and Long Beach Island Health Departments** utilize the NJ Immunization Registry for all childhood vaccines administered.

Access to Care

Key Access to Care Strategies

- Reduce the barriers to care by increasing the safety net.
- Increase the proportion of residents with a primary care provider.
- Decrease the use of the emergency room for ambulatory care conditions.
- Implement community-based preventive services that enhance linkages with clinical care.

Key Highlights in 2018

Reduce the barriers to care by increasing the safety net:

- **CHEMED's** Outreach and Enrollment Department works actively to ensure that patients have information on the health coverage available to them. Our Presumptive Eligibility unit signs up children and pregnant women who are eligible but not yet enrolled in Medicaid. As a Federally Qualified Health Center (FQHC), **CHEMED** provides care to all patients, regardless of ability to pay.
- **The Ocean County and Long Beach Island Health Departments** attended Coastal VIM open house to network and learned about available services.

Increase the proportion of residents with a primary care provider:

- Provide information to the uninsured and underinsured at health fairs and other outreach events
- **Long Beach Island Health Department** ensured that all participants in Adult Health Promotion clinics have a primary care provider.

Decrease the use of the emergency room for ambulatory care conditions:

- **CHEMED's** "FastTrack" and "MyCare" departments provide walk-in appointments at off hours including weekends and late evenings. These services keep patients from accessing the Emergency Room for non-acute conditions.
- **The Ocean County and Long Beach Island Health Departments** provided referrals to local physician groups, urgent care centers, Federally Qualified Health Centers and Coastal VIM to discourage use of the emergency room for ambulatory care conditions.

Implement community-based preventive services that enhance linkages with clinical care:

- **The Ocean County Health Department - Special Child Health Services** continues to monitor clients and focuses on transitioning special needs children into adulthood. Information regarding guardianship, Division of Vocational Rehabilitation (DVR) and Division of Developmental Disabilities (DDD), which now goes into effect at 21 years of age instead of birth, is provided to families.
- **The Ocean County Health Department - Clinic Services** provides diabetes education and chronic disease screening services in community-based locations with referrals to primary and acute care facilities based on results received.
- **The Ocean County Health Department - Special Child Health Services** Case Management employees work with families who have special needs children from birth to their 22nd birthday. Families are provided with appropriate referrals directly related to their needs in areas of their child's developmental delays, health, financial resources and educational concerns. Additional information is provided on various programs such as Supplemental Security Income, NJ Family Care, Early Intervention Programs, Catastrophic Illness in Children Relief Fund (CICRF), State-wide Parent Advocacy Program for school aged children, NJ- 211 and Perform Care and the Children's Home Society. In 2018, the SCHS Case Managers opened and were in contact with over 1400 families and processed 169 CICRF applications. The awards from that program and other local donations totaled \$1,438,675 in 2018 for families living in Ocean County. Case Management is currently focusing on promoting a Primary Medical Home for children and the timely transition into Adulthood programs. In 2018, SCHS also participated in a Resource Fair organized by Ocean Partnership for Children in Toms River, with attendance of over 100 individuals working throughout the county in various child-health programs.

Thank you to all of our partners for all that they do in keeping Ocean County residents healthy!



LOOKING TO THE FUTURE

Public Health Accreditation

The OCHD will be researching the steps needing to be taken to apply for Public Health Accreditation in 2019. The OCHD is committed to quality improvement, performance management, accountability, and the capacity to deliver the Ten Essential Public Health Services – each of which is an integral component of accredited facilities.



2019-2024 Strategic Plan

An organizational strategic plan provides the OCHD and its stakeholders with a clear picture of where we are headed, what we plan to achieve, the methods by which we intend to succeed and the measures to monitor our progress. The strategic plan is a leadership tool grounded in decisions influencing our strategic priorities for the next five years. The plan not only communicates these priorities, but also aligns important assessment, planning and evaluation work such as the community health improvement process (CHIP), continuous quality improvement (CQI) plan, action plans and even our annual report.



Expanded Digital Presence

Many social media tools are available for public health practitioners, including social networking platforms, websites, and video sharing sites. These tools can be used to improve or enhance knowledge of and access to public health programs, client education, and organizational promotion. In 2019, the OCHD aims to expand our existing social media presence to include:



Instagram



“Ask the Expert” videos and forums



Facebook Live platforms

Mobile Clinical Services

As our community changes, our public health delivery model must also transform to increasingly meet the accessibility needs of our residents. Many illnesses disproportionately affect certain populations, due to disparities in healthcare access and social determinants of health including, but not limited to, access to affordable and nutritious foods, chronic disease screening services, and infectious disease testing services. In 2019, the OCHD intends to obtain a new Mobile Health Clinic for to provide local access to OCHD services across the County.



Model Practices Recognition

The OCHD holds itself to the highest standards for the delivery of public health services and in so doing has opportunities to be recognized for excellence and for model practices. In 2019, the OCHD will continue to assess opportunities to share lessons learned within our own, and the public health, community through state and national recognition.

- IBCLC Community Care Award
- Submission of the Overdose Fatality Review Program for national best practices
- Serving as key public health experts on measles and other communicable disease outbreaks

Workforce Development

In 2019, OCHD Administration initiated a “Master Class Employee Development Series” aimed at strengthening foundational skill sets among employees. We hope to encourage and prepare our workforce with the skills they need to be successful and invested.

Emerging Public Health Trends

Increasing rates of STDs in seniors: Among older adults, the climb in STD rates is alarming. A recent analysis of found that patients over age 60 account for the biggest increase of in-office treatments for STDs, rising 23% between 2014 and 2017. That's compared to an 11% increase among the entire population over age 13. In 2019, the OCHD will continue to work to identify emerging public health trends and the means in which to address them locally.