

ANNUAL REPORT

THE TOWNSHIP of MOUNT OLIVE HEALTH DEPARTMENT

2018



THE TOWNSHIP of MOUNT OLIVE HEALTH DEPARTMENT

OUR MISSION

To Prevent Disease, Promote
Healthy Behaviors and
Assure Accessibility of Health
Services.

OUR VISION

Healthy People,
Making Healthy
Choices, in a Healthy
Environment

204 Flanders-Drakestown Rd
P.O Box 450
Budd Lake, NJ 07828

mtolivehealth.org
973-691-0900

For after-hours emergencies, please
contact the Mt Olive Township Police
Department at (973) 691-0850



The Mount Olive Health Department is committed to improving the health and well-being of the Township of Mount Olive by:

Protecting your health through preventing disease outbreaks and ensuring the tap water you drink, the restaurant food you eat and the air you breathe are safe. The health department staff is also trained to respond to any public health threat—be it bioterrorism, Ebola, West Nile Virus or an environmental hazard.

Educating residents about health topics and ways to prevent disease.

Providing healthy solutions by offering preventive care to avoid disease and maintain health. We provide flu shots and other immunizations to protect the health of everyone in the community. We keep up with disease trends that have the potential to effect Mount Olive and have the expertise to provide timely and accurate information during public health threats and emergencies.

Advancing the health of the community by taking part in developing new policies and standards that address existing and emerging public health challenges while enforcing health laws and regulations to help keep you safe.

A LETTER FROM YOUR HEALTH OFFICER

Dear Residents and Public Health Partners,

On behalf of the Board of Health, I am pleased to provide you with our 2018 Annual Report of activities conducted by the Mount Olive Township Health Department. Inside you will find highlights from 2018, a detailed breakdown of the activities conducted by each of the Department's divisions, and goals and objectives for 2019.

Some of the highlights from 2018 include the launching of the Mt. Olive Health Improvement Coalition, a group of 30 community partners, who share our vision of healthy people, making healthy choices, in a healthy environment. The group began the process of developing a Community Health Assessment. Other highlights included, doubling the number of senior medical transports over 2016, working with the NJDEP to address the hazardous algae blooms in Budd Lake, providing health screenings to over 400 residents, welcoming new Board member, Laura Hawkins, and vaccinating 440 dogs and cats against rabies.

We have exciting things planned as we move into 2019. These include publishing our first community health assessment and beginning to work on a community health improvement plan with our many public health partners. We will also continue working on our workforce development, quality improvement, strategic planning, and performance management efforts. These activities will assure us success as we prepare for and apply for national accreditation in late 2019.

The Board and Department are committed to providing services and programs that are consistent with our mission to ensure the highest quality of life for our residents. Your comments and suggestions on our efforts to improve access to important health information and services are encouraged.

We thank you and our many public health partners for your continued support as we continue to strive to deliver you the best public health services available. We hope you find this Annual Report to be of interest and value.

Wishing you the best of health,

Trevor J. Weigle, MA, MPH, CPM
Health Officer/Director of Health

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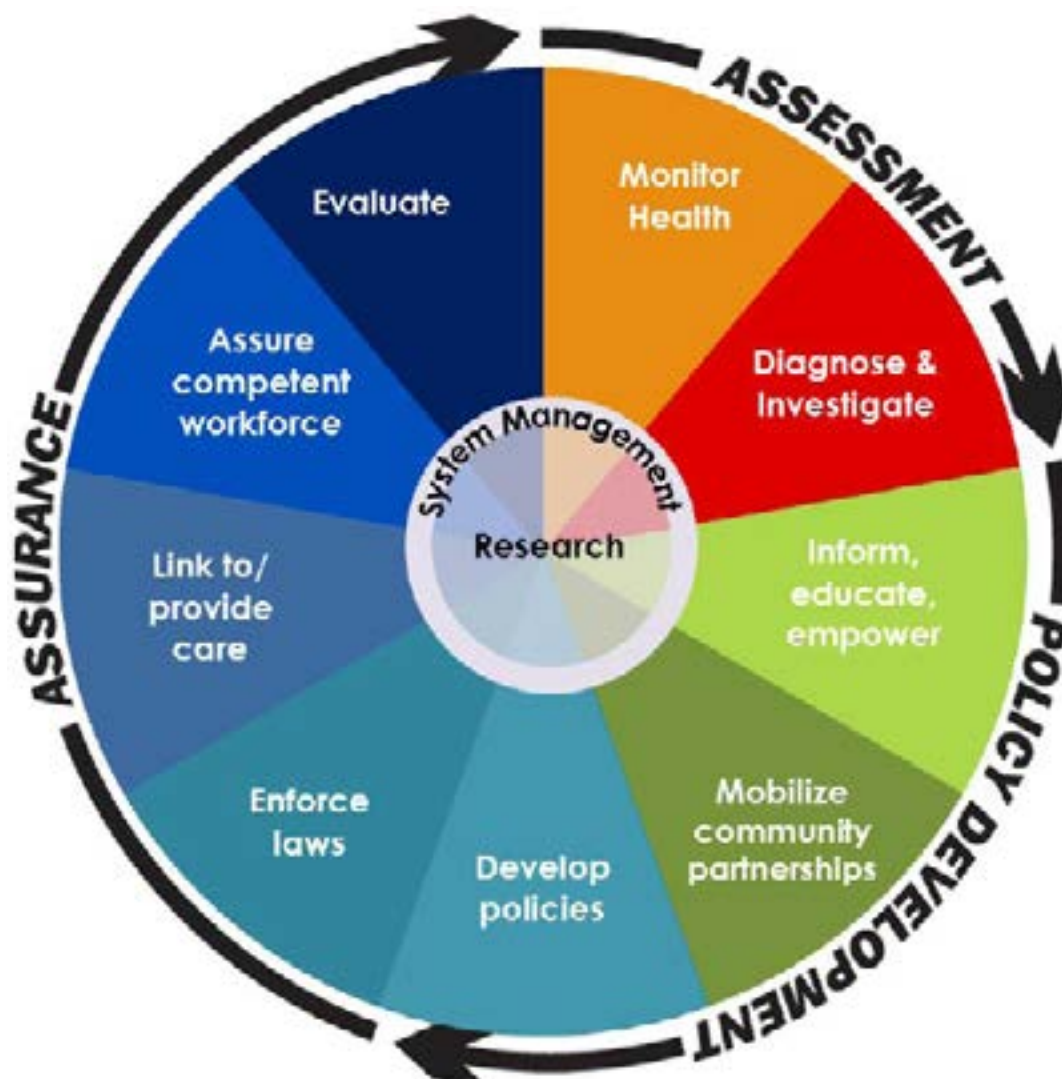
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WHAT *Is* PUBLIC HEALTH?

Public health promotes and protects the health of people and the communities where they live, learn, work and play.

Public health works to assure the conditions in which people can be healthy. This includes:

- Vaccinating children and adults.
- Educating people about the risks certain behaviors can have on your health.
- Setting safety standards.
- Tracking disease outbreaks.
- Preventing injuries in all environments like school and work.
- Creating laws that promote healthy environments.





ADMINISTRATION

- Served as a resource to Town government by translating for deaf residents
- Distributed gifts to 50 children of 24 families for holiday gift program
- Distributed over 60 donated gift cards to needy individuals
- Promoted Public Health as a career choice by hosting three interns from local colleges
- Created the Mt. Olive Health Improvement Coalition to begin work on a community health needs assessment and improvement plan

ANIMAL CONTROL

- Investigated 13 cruelty allegations with 11 resulting in direct action, including one indictment
- Investigated over 50 animal bite cases, referring nine individuals for emergency post exposure treatment
- Held two free rabies clinics, vaccinating over 400 pets
- Took possession of a new animal control van

ENVIRONMENTAL HEALTH

- Educated public pool operators/owners on changes to State bathing code
- Initiated protocol for surveillance and response to harmful algae blooms on Budd Lake
- Hired a new Registered Environmental Health Specialist to fill the vacancy left by our retiring Chief Environmental Health Specialist of 39 years
- Advised State Health Department on changes to the retail food establishment regulations

NURSING

- Investigated over 230 reports of potential infectious diseases to prevent their spread in the community
- Over 400 residents benefited from free and low-cost clinics and health screenings
- Administered 577 influenza vaccinations
- Investigated three incidents of measles exposures on travelers from flights into Newark International Airport



HEALTH EDUCATION

- Participated in monthly “Local Lives” radio segment on WRNJ Radio. Each live segment featured the health topic of the month, including sun safety, nutrition, and Lyme disease
- Created monthly health education posters that were posted in public locations around the Township
- Conducted key informant interviews and focus groups with township residents to understand the health needs of Mount Olive

SENIOR TRANSPORTATION

- More than doubled the number of medical transports for seniors compared to 2016
- 58 new seniors signed up for transportation services
- Applied for NJ Transit grant for \$100,000 in operating capital and a new handicap accessible van
- Hosted the 42nd annual Township Senior Picnic



ACCREDITATION

The Mount Olive Health Department started the accreditation process in 2017 and has been working diligently toward accreditation with hopes to apply for accreditation in December 2019.

Accreditation is a status that provides public notification that an institution, program, or agency meets standards of quality set forth by an accrediting agency. The accreditation process reflects the fact that the institution, agency or program is committed to self-study and external review by one's peers. Accreditation has been widely accepted by many fields in the U.S. including the healthcare system, schools, and social service agencies such as police and fire departments. Likewise, public health agencies need to demonstrate their accountability to their community, and measure agency performance against nationally identified standards.

The Public Health Accreditation Board (PHAB), is a nonprofit organization dedicated to advancing the quality and performance of state, local, tribal, and territorial public health departments by providing a national framework of standards. PHAB has a vision of improving the quality and performance of all health departments in the U.S. through voluntary accreditation. The PHAB voluntary accreditation program emphasizes the importance of and is grounded in quality improvement, and has catalyzed health department activity in this area. The process of preparing for and achieving accreditation yields information about the agency that can be used to identify areas of improvement. Once accredited, health departments maintain their status for 5 years.

The main component of the accreditation process is the documentation selection process, based on a set of standards and measures. These standards measure overall agency capacity. They include 12 Domains:

Domain 1: Conduct and disseminate assessments focused on population health status

Domain 2: Investigate health problems and environmental public health hazards to protect the community

Domain 3: Inform and educate about public health issues and functions

Domain 4: Engage with the community to identify and address health problems

Domain 5: Develop public health policies and plans

Domain 6: Enforce public health laws and regulations

Domain 7: Promote strategies to improve access to healthcare services

Domain 8: Maintain a competent public health workforce

Domain 9: Evaluate and continuously improve processes, programs, and interventions

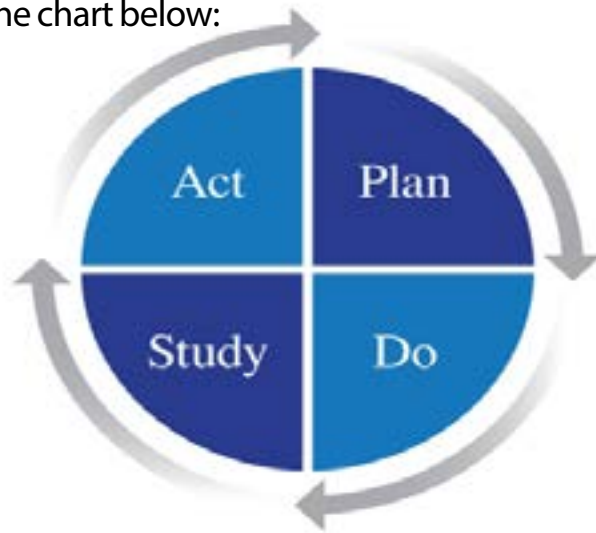
Domain 10: Contribute to and apply the evidence base of public health

Domain 11: Maintain administrative and management capacity

Domain 12: Maintain capacity to engage the public health governing entity

QUALITY IMPROVEMENT

Quality improvement in public health is the use of a deliberate and defined improvement process, such as the Plan-Do-Study-Act (PDSA) process, which is focused on activities that are responsive to community needs and improving population health. It refers to a continuous and ongoing effort to achieve measurable improvements in the efficiency, effectiveness, performance, accountability, outcomes, and other indicators of quality in services or processes which achieve equity and improve the health of the community. The Mount Olive Health Department developed its first QI Plan in 2017. The plan describes the Health Department's approach in choosing quality improvement projects, with staff members submitting project ideas, and the QI Team vetting the project with a project selection worksheet that guides the group in deciding whether a project is worth selecting. The QI Team then uses the PDSA process to work through the improvement project. There were 2 QI projects started in 2018 shown in the chart below:



Division	Project Name	Project Mission	Outcome
Administrative	Customer Satisfaction Survey	To learn about client's interactions with customer service and what we can do to better serve their needs.	Ongoing- the QI team created a customer satisfaction survey that is available on our website and hard copy for all client interactions. They answer questions on their satisfaction with the services they recieved and the QI team reviews the answers periodically .
Animal Control/ Environemtal Health	Rabies Case Management	Create a process that assures timely and appropriate response to possible human exposure to rabies.	Ongoing- A New Rabies Case Management Procedure has been created. A second revisoin to the process and case management form is in the process of being tested.

ANIMAL CONTROL

The Animal Control Officers at the Mount Olive Health Department enforce local and state laws concerning the care and treatment of animals and educate the public about animal safety. Officers often respond to calls from citizens about stray animals and suspected animal cruelty. Sometimes, officers have to capture or rescue animals, but other times administer warnings or citations to citizens suspected of animal cruelty and mistreatment. Animal Control Officers also ensure that all dogs and cats living in the Township are licensed. The Health Department offers free rabies clinics to ensure that your pet has the proper protection against the threat of rabies.



COMPLAINTS AND INVESTIGATIONS

<u>Activity Type</u>	<u>2018 Totals</u>	<u>2017 Totals</u>	<u>2016 Totals</u>
Specimens Sent to State Lab	17	16	10
Bite Incidents	39	33	43
Summonses Issued	10	14	3
Emergency Call Outs	126	125	130
Responses to Byram Calls	69	72	71
Responses to Washington Calls	48	42	50
Responses to Mt. Arlington Calls	36	10	0
Response to Wharton Calls	36	N/A	N/A

ANIMAL CONTROL (cont.)

MOUNT OLIVE POUND ACTIVITIES

<u>Activity Type</u>	<u>2018 Totals</u>	<u>2017 Totals</u>	<u>2016 Totals</u>
Dogs Impounded	44	38	31
Dogs Reclaimed	39	32	27
Dogs Adopted	0	0	1
Dogs Euthanized	2	0	2
Dogs Transferred to Rescue(s)	3	5	0
Cats Impounded	17	19	14
Cats Reclaimed	0	6	4
Cats Adopted	0	0	0
Cats Euthanized	0	1	1
Cats Transferred to Rescue(s)	12	8	8

LICENSES ISSUED

<u>License Type</u>	<u>2018 Totals</u>	<u>2017 Totals</u>	<u>2016 Totals</u>
Cats	595	605	701
Dogs	2351	2,432	2,449

ENVIRONMENTAL HEALTH

The Environmental Health division is staffed by Registered Environmental Health Specialists licensed by the NJ Department of Health. They are responsible for protecting the health and well-being of the residents of Mount Olive by enforcing local, state, and federal regulations that pertain to the sanitation of food and water, handling of hazardous and infectious wastes, the safe and sanitary operation of campgrounds, youth camps, massage parlors, tattoo parlors, public swimming pools, wells, septic systems, apartment complexes, kennels, and institutional environments.

INSPECTION ACTIVITY

<u>Inspection Type</u>	<u>2018 Totals</u>	<u>2017 Totals</u>	<u>2016 Totals</u>
Retail Food Inspections	148	140	162
Food Re-Inspections	14	10	7
Mobile Food Vendors	8	6	4
Temporary Food Vendors	69	82	94
Vending Machine Inspections	0	3	0
Health Certificate Inspections	5	19	37
Recreation Bathing Inspections	37	27	33
Kennel/Pet Shop Inspections	3	3	5
Massage Parlor Inspections	15	10	8
Body Art Inspections	1	1	1
Youth Camp Inspections	3	2	3
Septic Installation Inspections	127	134	115
Well Installation Inspections	7	13	13
Public Campground Inspections	1	0	0
Perm./Soil Log Witnessing	26	30	25
Total	464	480	507

ENFORCEMENT ACTIVITY

<u>Activity Type</u>	<u>2018 Totals</u>	<u>2017 Totals</u>	<u>2016 Totals</u>
Summons Issued	21	51	55
Notices of Violations Issued	73	84	12
Court Appearances	7	9	7
Fines Collected	\$ 4,681.00	\$ 20,750.00	\$675.00

ENVIRONMENTAL HEALTH (cont.)

MULTI-DWELLING INSPECTION PROGRAM

<u>Activity Type</u>	<u>2018 Total</u>	<u>2017 Total</u>	<u>2016 Totals</u>
Routine Inspections	932	981	982
a. Satisfactory	918	963	957
b. Unsatisfactory	14	18	25
Complaint Inspections	77	63	48
a. Valid	67	56	46
b. Not Valid	10	7	2
c. NOV Issued	19	16	200

PLAN & RECORD REVIEWS

<u>Review Type</u>	<u>2018 Totals</u>	<u>2017 Totals</u>	<u>2016 Totals</u>
Food Plan Reviews	4	5	8
Public Pool Plan Reviews	0	0	3
Spa Plans Reviewed	0	0	1
Construction Plan Reviews	84	82	91
Septic Plan Reviews	57	68	77
Well Plan Reviews	8	21	16
Site Plan Reviews	8	2	8
O.P.R.A. Requests	388	311	255
NJDEP Notifications	18	20	21
License to Operate Reviews	409	415	364
Lead Trax Reviews	502	486	489
TOTAL	1478	1410	1333



ENVIRONMENTAL HEALTH (cont.)

LICENCES/CERTIFICATES/PERMITS ISSUED

<u>License, Permit, Certificate Type</u>	<u>2018 Totals</u>	<u>2017 Totals</u>	<u>2016 Totals</u>
Retail Food Licenses	214	214	223
Vending Machine License	48	54	17
Sewage Disposal System Licenses/New	1	4	2
Sewage Disposal System Licenses/Alteration	55	61	41
Sewage Disposal System Licenses/Renewals	0	0	16
Individual Well Permits	7	21	18
License To Operate Certificates	408	414	364
Septic Waste Hauler's Licenses	19	20	21
Septic Installer's Licenses	39	37	37
Massage / Spa Licenses	6	8	8
Kennel Licenses	3	2	3
Swimming Pool License	16	20	14
Health Certificates	6	15	17
Body Art License	2	1	1
Total	824	871	782

CITIZEN COMPLAINTS

<u>Complaint Type</u>	<u>2018 Totals</u>	<u>2017 Totals</u>	<u>2016 Totals</u>
Litter/SW/Debris	9	7	8
Odor	2	10	6
Insect / Rodents	17	2	17
Heat	8	8	2
Retail Food	10	12	17
Spills/UST's	1	1	1
Noise	0	0	2
Lead	0	0	2
Other Complaints	18	13	33
Total	65	53	88

PUBLIC HEALTH NURSING

Public health nurses work on improving the health of residents by providing skin cancer, female cancer, male cancer, blood pressure, well baby, vaccinations, and blood test screenings. They investigate all reports of contagious diseases. They also audit schools and daycare centers to ensure that students have all of their required vaccinations.

NURSING DIVISION ACTIVITIES

<u>Activity</u>	<u>2018 Totals</u>	<u>2017 Total</u>	<u>2016 Total</u>
Public School Audits	6	6	6
Child Care Audits	7	6	6
Charts Audited	1358	1598	1524
Child Immunizations	29	75	95
Adult Office Visits	127	128	90
Copy of Records Requests	31	46	60
Mantoux PPD readings	0	2	2
Stroke Screening	0	0	2
Skin Cancer Screenings	6	10	13
Bone Density Screenings	0	0	23
Blood Screening (SMAC)	77	71	95
Blood Pressure Screenings	301	357	363
Hearing Screening	6	0	0
Influenza Vaccinations	187	207	359
Female Cancer Screenings	3	4	7
Foot Screenings	0	47	0

PUBLIC HEALTH NURSING (cont.)

COMMUNICABLE DISEASE INVESTIGATIONS

<u>Communicable Disease</u>	<u>2018 Total</u>	<u>2017 Total</u>	<u>2016 Total</u>
Amoebiasis	0	1	1
Babesiosis	2	1	1
Borrelia Miyamotoi	1	0	0
Brucellosis	1	0	0
Campylobacteriosis	3	1	3
Chikungunya	0	1	1
Cryptosporidiosis	1	0	0
Cyclosporiasis	0	1	0
Dengue	0	1	0
Ehrlichiosis	6	4	9
Giardiasis	2	1	2
Haemophilus Influenza	1	1	1
Hepatitis A	1	0	5
Hepatitis B (Acute)	8	5	2
Hepatitis B (Chronic)	16	29	11
Hepatitis B (Perinatal)	2	2	2
Hepatitis C (Acute)	13	8	16
Influenza A	0	7	3
Influenza	49	0	0
Legionellosis	0	0	1
Lyme	108	135	117
Malaria	0	0	2
Measles	1	0	1
Mumps	5	1	1
Post Exposure Rabies	7	14	7
Powassan Encephalitis	0	1	0
Psittacosis	0	0	1
Rocky Mountain Spotted Fever	3	2	2
RSV	0	4	0
Salmonellosis - Non Typhi	1	6	3
Scabies (individual)	0	1	0
Shiga Toxin E. Coli (STEC)	1	0	3
Shigellosis	2	0	0
Shingles	1	0	0
Streptococcus Pneumoniae	2	1	1
Streptococcus Pyogenes (GAS)	2	1	0
Tuberculosis	0	1	2
Varicella	1	2	8
Vibrio (non-cholera)	0	1	0
Viral Meningitis	0	2	1
Yersiniosis	0	1	0

HEALTH EDUCATION

Health education has been defined as “any combination of learning experiences designed to help individuals and communities improve their health, by increasing their knowledge or influencing their attitudes.” (WHO). The Health Department hosts a variety of health education programs for the community. Programs such as Alcohol Abuse Control, Drug Abuse Control, Smoking Prevention and Cessation, Nutrition, Injury Control, and Chronic Disease Management are oftentimes coordinated in collaboration with other agencies serving the community. The goal is to help individuals of all ages increase life expectancy and improve their quality of life.

HEALTH EDUCATION ACTIVITIES

<u>Activity</u>	<u>2018 Total</u>
WRNJ Radio Local Lives	6
Public Education Posters	12
Community Events	2
Health Education Programs	2
Press Releases/PSAs	32

SENIOR TRANSPORTATION

The Senior Transportation Division supports the health and wellness of Mount Olive’s senior residents by providing transportation to medical related appointments. The Department also provides group trips to grocery stores, monthly health seminars, senior club meetings, and delivery of subsidized meals provided by the County. Once per month a special trip is made to a dining, shopping, or entertainment venue.

SENIOR TRANSPORTATION ACTIVITIES

<u>Type of Activity</u>	<u>2018 Total</u>	<u>2017 Total</u>	<u>2016 Total</u>
Medical Transportation	2,099	1,418	1,000
Meals Delivered	3,078	2,227	1,835
Group Activities			
Nutrition	1,852	2,241	2,557
Shopping	1,401	1,168	1,055
Senior Meetings	304	331	368
Lunch 'n Learn	96	100	48
Total Group Activities	3,653	3,840	4,028

FINANCIALS

The Health Department brings in revenue from cat and dog licensing, pound fees, kennel fees, marriage licenses, immunization and screening fees, water testing, environmental permits and inspections, and shared services agreements with neighboring municipalities.

REVENUE

<u>Revenue Types</u>	<u>2018 Totals</u>	<u>2017 Totals</u>	<u>2016 Totals</u>
Cat Licenses & Late Fees	\$8,204.00	\$8,437.00	\$6,139.00
Dog Licenses & Late Fees	\$36,891.00	\$39,161.00	\$26,749.00
Pound Fees	\$4,078.00	\$2,608.00	\$3,510.00
Marriage & Certificate Fees	\$6,007.00	\$4,764.00	\$4,790.00
Immunizations/Screenings	\$14,185.00	\$15,909.00	\$3,922.00
Inspections/Permit Fees	\$119,974.00	\$127,533.00	\$122,587.00
Water Testing Fees	\$4,900.00	\$5,445.00	\$6,545.00
<i>Fees Total</i>	\$194,974.00	\$203,857.00	\$174,242.00
Public Health Contracts	\$238,866.00	\$234,182.00	\$180,570.00
Animal Control Contracts	\$23,060.00	\$13,600.00	\$13,600.00
<i>Contract Total</i>	\$261,926.00	\$247,782.00	\$194,170.00
Grand Total	\$456,900.00	\$451,639.00	\$368,412.00

VITAL STATISTICS

The Vital Statistics Division provides applications for marriage, and certified copies of birth, death, and marriage certificates.

VITAL STATISTICS ACTIVITIES

<u>Activity Type</u>	<u>2018 Total</u>	<u>2017 Total</u>	<u>2016 Total</u>
Marriage/Civil Union License Issued	161	148	136
Certified Copies of Marriage Certificates	245	181	197
Certified Copies of Birth Certificates	8	6	7
Home Births	2	2	1
Certified Copies of Death Certificates	28	21	15
EDRS Issued Death Certificates (funeral homes)	10	2	0
Deaths in Mount Olive	74	69	55
Deaths of Mount Olive Township Residents	151	151	121

VITAL STATISTICS

RECORDED DEATHS

New Jersey			Mount Olive	
<u>Rank</u>	<u>Cause</u>	<u>2018 Total</u>	<u>Rank</u>	
1	Heart Disease	64	1	
2	Cancer	26	2	
3	Unintentional Injury	1	7	
4	Stroke	7	4	
5	Chronic Lower Respiratory Disease	9	3	
6	Alzheimer's Disease	9	3	
7	Diabetes	2	6	
8	Septicemia	9	3	
9	Kidney Disease	6	5	
10	Influenza and Pneumonia	2	6	
	Total	135		

MOUNT OLIVE HEALTH IMPROVEMENT COALITION

In April 2018, the Health Department established the Mount Olive Health Improvement Coalition, a group of Mount Olive residents, organizations and businesses with a stake in the health and wellbeing of the community. The Coalition's purpose is to create a Community Health Improvement Plan utilizing the Community Voice Survey data, various forms of qualitative data collection, and existing Morris County health data. The improvement plan will include programs, events and health promotion activities for the Township.

The Goals of the Coalition are:

1. To leverage existing resources for Mount Olive to work toward a Community Health Assessment and Improvement Plan.
2. To utilize data-informed decision making in health policies and programs in Mount Olive.
3. To build a collaborative of health professionals, residents, and organizations committed to improving the health and wellbeing of the Township of Mount Olive.

2018 Accomplishments:

- Collected Assessment Data from 386 Mount Olive residents.
- Conducted 11 key informant interviews with key township stakeholders.
- Conducted 3 focus groups of residents.
- Brought together a group of over 30 community members and organizations with an interest in improving the health of the Township.





Healthy People, Making Healthy Decisions in a Healthy Environment

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