

**Cayuga County
Department of Health**

Kathleen Cuddy, Public Health Director

**2017
STATISTICAL
REPORT**



January 2018

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I. Introduction

The purpose of this report is to provide a summary of caseloads and/or caseload activity during 2017 in program areas within the Health Department.

The program areas to be included are:

- ✓ Community Health Services (Public Health)
- ✓ Children with Special Health Care Needs
- ✓ Environmental Health
- ✓ WIC-Women, Infant & Children Supplemental Nutrition Program

This document will serve as a “snapshot” for the Department and may also demonstrate trends (anticipated and unanticipated) for Administration to consider when planning for 2018/2019.

II. Community Health Services

The Community Health Services Division offers nursing, health promotion and education, health guidance, injury prevention programs, prenatal and postpartum programs. It assists in the prevention and control of communicable diseases, immunization, promotion of dental health, lead poisoning prevention, breast & cervical cancer screening, prostate cancer screening and chronic disease prevention. The Department also receives nearly one million dollars in grants from NYS Department of Health to support its work, excluding WIC.

A. Clinics:

1. **Immunization Clinics:** are held weekly by appointment. They serve both adults and children. To promote immunization of children the NYSDOH provides no cost vaccine through the Vaccine for Children program (VFC) to Health Departments and Medical Providers to use with qualifying children. These clinics are held year round. In the last quarter of 2015, the Health Department began offering Vaccine for Adults (VFA) for qualifying people. Participating client information is entered into NYS Immunization Information system (NYSIIS).

	2013	2014	2015	2016	2017
Clinics Held	42	41	38	44	55
Clients Served	425	417	478	349	263
Vaccines provided					669

2. **Jail Clinics:** are held monthly at the Cayuga County Jail. They provide immunization services to a congregate vulnerable population. The vaccines are provided through the federally funded Vaccines for Adults (VFA) program. *2017 was our first full year of providing this service.

	2017	2018	2019	2020	2021
Total Number of vaccines given	536				

B. Programs:

1. **Communicable Disease Program:** This program provides surveillance and investigation of confirmed reportable diseases for all county residents.

	2013	2014	2015	2016	2017
Cases Investigated (Lab Referral & Other)	813	976	1424	1153	1431

2. **Tuberculosis Control Program:** The goal is to minimize the incidence of disease through appropriate surveillance, investigation and treatment of all suspect cases of latent and confirmed pulmonary TB reported to the agency.

	2013	2014	2015	2016	2017
Mantoux Tests Placed in Immunization Clinic & As a result of contact investigation	200	180	132	141	134
Number of Confirmed Cases of Pulmonary TB	1	3	4	1	2
Home Visits for Latent TB infection, Directly Observed Therapy, Preventive Therapy, & Assessments per Medical Order	81	321	545	52	30

3. **STD/HIV:** Per Article 23 of the Public Health law, the County is responsible for providing diagnosis and treatment of sexually transmitted diseases. The county currently contracts with East Hill Family Medical to provide these services including physical exams, laboratory tests, prescription of medication, education, follow-up for both the individual and contacts, and referrals to the NYSDOH for contact investigation for Gonorrhea, Syphilis and HIV. Walk-in clinics are held weekly and by appointment throughout the week.

	2013	2014	2015	2016	2017
Number of STD Clinic Visits	302	290	256	235	222
New Users	169	194	155	170	165
Return Users	133	105	99	65	57
Number Receiving HIV Pre-test Counseling	280	265	256	235	222
Number of HIV Blood Tests Done	210	187	184	185	154
Number Receiving HIV Post-test Counseling	55	7	0	174	152

4. **Cancer Services Program:** The goal of this program is to reduce the incidence of breast, cervical, colorectal, and prostate cancers through early detection and education. It is funded through a grant from the NYSDOH and targets low-income uninsured or underinsured individuals who meet the eligibility profile by age and family history. It provides screenings, case management services and follow-up with private medical providers. Clients diagnosed with breast, cervical or colorectal cancers are enrolled in Medicaid for treatment. While prostate screening is not covered under the grant, we are fortunate to have a local physician who volunteers to provide this service. The program has seen the following activity:

	2013	2014	2015	2016	2017
Number of Clients Receiving Breast & Cervical Cancer Screening	391	257	119	76	76
Number of Clients with Abnormal Results for Breast & Cervical Screening	17	12	7	3	8
Number of Clients Positive for Breast Cancer	5	3	0	0	1
Number of Clients Positive for Cervical Pre-cancerous Conditions or Cancer	1	1	1	1	0
Number of Clients Receiving Colorectal Screening (FIT Screening Test)	70	62	44	27	28
Number of Clients Receiving Colonoscopies *Due to positive screening test only	*2	*7	*5	*3	36
Number of Clients Positive for Colon Cancer	0	0	0	1	0
Number of Clients Receiving Prostate	57	44	39	22	25

Screening					
Number of Clients Diagnosed with Prostate Cancer	0	0	0	0	0

5. **Healthy Neighborhoods Programs:** A grant funded by the New York State Department of Health and works to reduce risks within homes related to fire and injury, asthma, lead poisoning, and indoor air concerns. Targeted areas include the City of Auburn, and the Town and Village of Moravia and Town of Locke. The Cayuga County Health Department partners with the Cayuga Community Health Network and local fire departments to conduct in-home assessments to ensure individuals are living in a healthy environment. These in-home assessments will be at the owner and or tenant's discretion. Upon evaluation of the living environment, residents may be provided with information, educational materials, supplies to create a more healthy living area and referrals to partnering agencies. Re-visits are made to a percentage of homes in which safety products are provided.

	2017	2018	2019	2020	2021
Home Visits Completed	659				
Revisits Completed	147				

6. **Maternal Child Health Services:** A paramount mission of these services to reduce mortality and morbidity of mothers, infants and pre-school children. The skilled nursing visits promote child health, and development, promote mother's reproductive health, promote breastfeeding, and provide health education to parents. Universal referrals are received, clients are contacted by a nurse and connected with appropriate/desired programs and resources.

	2013	2014	2015	2016	2017
Universal Referrals Received- initiated in 2014		269	232	248	228
Number of MCH Referrals	49	56	73	111	104
Number of Nursing Visits	279	180	15	60	162

7. **Nurse Family Partnership Program:** An evidence based program for first time pregnant mothers, in which a specially trained Registered Nurse establishes a long term relationship with the mother initiated by the 28th week of pregnancy and extends to the child's second birthday. The program goals include, optimal pregnancy outcomes, optimal child health and development and improved economic self-sufficiency of the family. Research shows, participation in the program can reduce child abuse, reduce length of time on public assistance programs and increase child engagement in educational environments.

*2013 statistics reflect July 1, 2013- December 31, 2013

	2013	2014	2015	2016	2017
Number of Nurse Family Partnership Participants	27	28	36	59	44
Number of Infants age 0-12 months	5	19	14	14	20
Number of Toddlers age 13-24 months	-	3	10	16	12
Number of Graduates (completed full 2 year program)	-	-	4	10	6

8. **Lead Program:** Reduce the prevalence of elevated blood lead levels in children birth to 18 years through the implementation of a comprehensive Lead Poisoning Prevention Program (LPPP). The program includes: public and professional outreach and education; collaboration with local health care providers to assess children's risk of lead exposure, blood lead testing, anticipatory guidance to prevent lead poisoning, diagnostic evaluation, medical management including risk reduction

education, nutritional education, environmental interventions, and coordination of services for children less than 18 years with elevated blood lead levels.

	2013	2014	2015	2016	2017
Number of Children Case Managed with Levels Over 15ug/dl	12 (3 New)	10 (2 New)	9 (2 New)	10	8
Number of Children Case Managed with Levels 10-15ug/dl	8	16	25 (6 New)	21	19
Number of Home Visits by Case Manager	10	15	15	12	7
Number of children requiring chelation treatment/ number of rounds of treatment	1/1	1/1	1/2	0/0	0/0

9. **Women, Infants and Children Supplemental Food Program (WIC):** This program is open to pregnant, breastfeeding and post-partum Women, Infants (birth to 1 year) and Children (1-5 years) and provides nutritious foods, information on healthy eating and referrals to health care and other services. WIC supports breastfeeding, supplies breast pumps and has a breastfeeding peer counselor program to help women meet their breastfeeding goals. WIC also offers Farmer Market Coupons to families during the summer months. Clinics are held daily in Auburn and once a month in Cato and Moravia. Applicants must meet income eligibility or receive Medicaid, SNAP or TANF to qualify. Please go to WICStrong.com for more information.

	10/1/12- 9/30/13	10/1/13- 9/30/14	10/1/14- 9/30/15	10/1/15- 9/30/16	10/1/16- 9/30/17
Target Number of Clients to be Served During Federal Fiscal Year	2,150	2,150	2,150	1500	1500
Actual Number of Clients Served	1,535	1,563	1,469	1455	1429

10. **Pool Program:** A hydrotherapy-based program at the Auburn YMCA pool, under the direction of a Registered Physical Therapist. To participate, a physician's recommendation is required. The County ceased involvement in the program at the end of 2017.

	2013	2014	2015	2016	2017
Total Individuals Participating	43	43	37	49	49

III. Children with Special Health Care Needs

The Children with Special Health Care Needs program provides information, evaluations, referrals and guidance to families with children who may have a disability or developmental delays ages 0-21. Program involvement may include evaluation and tracking of children at risk for delays through the Child Find program or admission into the Early Intervention Program. The Cayuga County Health Department is the fiscal administrator of the Pre-school Special Education Program for children age 3-5.

- A. **Child Find:** Statewide program that tracks infants and young children (ages birth through 2 years) who are at risk for physical and developmental disabilities in order to assure that diagnostic and treatment services are available to and utilized by the families of those at risk infants and children as soon as disability is evident.

Child Find	2013	2014	2015	2016	2017
Number of Children Active in Program	143	127	139	122	137

B. Early Intervention (0-3): This program (EI) ensures that infants and toddlers with developmental delays or disabilities and their families receive needed services through provision of case management and the individualized family service plan (IFSP). The program provides screening and evaluation of the following areas of development: cognitive, physical, communication, social/emotional, and self-help skill development. Any infant or child from birth up to three (3) years with developmental delays or disabilities who resides in Cayuga County is eligible for evaluation and potential services. Beginning April 2013, NYSDOH became the fiscal intermediary for paying service providers. EI Providers are no longer contracted at the County level. They are now contracted through the State Bureau of Early Intervention. There is no cost for eligible children to participate in Early Intervention.

	2013	2014	2015	2016	2017
Number of Referrals	202	204	193	190	198
Number of Children Active in Program	340	337	315	286	295
Number of Children Receiving More than 1 Service	110	163	93	90	83

C. Preschool Special Education Program (3-5): A program in which local school districts are responsible for assuring that all eligible students beginning at age 3 who are diagnosed with disabilities are afforded special education services. Cayuga County is responsible for paying for these program costs including transportation, and participation in the service plan meetings.

School Year	2013	2014	2015	2016	2017
Number of Evaluations	169	179	220	221	187
Number of Children Receiving Related Services	169	146	207	249	181
Number of Children in State Education Approved Preschool Special Education Programs in Cayuga County (as of December each year)	46	45	40	45	31
Number of Children in State Education Approved Preschool Special Education Programs Outside the County (as of December each year)	4	4	5	5	6

III. Environmental Health Services

The Environmental Health Division is responsible for four major programs. They include Public Water Supplies, Food Services, Community Environmental Health, and Rabies Prevention.

A. Public Water Supplies: This program's goal is to minimize potential health hazards related to the quality and quantity of public water supplies. The Environmental Health Division works to ensure that all public water systems, community, non-transient non-community, and non-community, are in compliance with Part 5 of the NYS Sanitary Code. The Division investigates reports of water-related illnesses, issues Boil Water Orders and other notices or advisories when necessary, provides information to the water suppliers regarding system security and emergency preparedness, and provides technical assistance to water suppliers regarding water quality and water treatment. In addition, program staff assist water suppliers in the creation of their Annual Water Quality Reports, conduct inspections of

public water supplies and issue written reports, collect surveillance sampling of public water systems, respond to complaints and conduct investigations, provide information to the water suppliers regarding watershed and wellhead protection, approve water system operators, perform enforcement actions for violations, review and approve plans for water system improvements or modifications.

1. Community Systems

	2013	2014	2015	2016	2017
Number of Community Systems	47	47	46	39	39
Number of Inspections	24	16	22	11	17
Number of Boil Water Orders/Advisories	5	5	2	1	7
Number of Enforcement Actions	13	9	16	15	4
Number of Samples Collected	48	47	45	40	39
Number of Public Water System Plan Reviews	10	7	7	4	10

2. Non-Transient, Non-Community Systems:

	2013	2014	2015	2016	2017
Number of Non-transient, Non-community Systems	11	11	11	11	11
Number of Inspections	5	5	6	7	5
Number of Boil Water Orders/Advisories	0	0	0	0	1
Number of Enforcement Actions	0	1	3	0	1
Number of Samples Collected	11	11	11	11	10
Number of Plan Reviews	0	0	0	1	2

3. Non-Community Systems:

	2013	2014	2015	2016	2017
Number of Non-community Systems	59	60	56	54	55
Number of Inspections	59	60	56	54	54
Number of Boil Water Orders/Advisories	0	1	1	2	1
Number of Enforcement Actions	2	12	5	2	2
Number of Samples Collected	112	101	100	96	93
Number of Plan Reviews	1	2	1	3	0

B. Food Service Establishments: This program's goal is to prevent illnesses related to food preparation and consumption. The Environmental Health Division issues permits to all food service establishments in Cayuga County. Program staff perform inspections of food service facilities, provide plan review and approval for new or modified food service facilities, investigate food borne illness outbreaks, and investigate food service facility complaints. The Division also provides public information and education concerning food safety issues, enforces the requirements of the New York State Sanitary Code as well as the New York State Clean Indoor Air Act at food service facilities, and answers questions from the public regarding food protection in the home.

1. Food Service (Except Mobile, Vending, & Temporary Food Services):

	2013	2014	2015	2016	2017
Number of Permitted Facilities	342	337	365	349	355
Number of Inspections	593	582	616	654	624
Number of Enforcement Actions	7	15	12	8	6
Number of Inspections w/ Public Health Hazard noted	18	13	19	22	25

2. Mobile, Vending, & Temporary Food Services:

	2013	2014	2015	2016	2017
Number of Permitted Operations	285	291	287	254	319
Number of Inspections	208	210	208	210	215
Number of Enforcement Actions	2	3	1	1	0
Number of Inspections with Public Health Hazard Noted	6	10	9	11	0

C. Community Environmental Health: This program’s goal is to prevent environmentally caused illnesses and injuries to the public. The Environmental Health Division regulates mobile home parks, children’s camps, hotels, motels, campgrounds, agricultural fairgrounds, migrant labor camps, swimming pools and bathing beaches. Program staff review and accept plans for realty subdivisions, new sewage disposal systems, or replacement or repair of existing sewage disposal systems, and review inspection reports of sewage disposal systems and issue permits for all sewage disposal systems in Cayuga County. In addition, the Division provides technical advice to private well owners, investigates public health nuisances, enforces the Clean Indoor Air Act and the Adolescent Tobacco Use Prevention Act, and manages a residential lead program. Program staff also provides information to the public regarding West Nile Virus, indoor air issues, mold, radon, and Lyme disease.

1. Motels, Hotels, Campgrounds & Agricultural Fairgrounds:

	2013	2014	2015	2016	2017
Number of Permitted Facilities	45	46	45	47	48
Number of Inspections	101	77	100	99	73
Number of Enforcement Actions	0	2	1	1	1
Number of Inspections with Public Health Hazard Noted	1		3	4	3

2. Migrant Labor Camps:

	2013	2014	2015	2016	2017
Number of Permitted Facilities	2	2	2	2	3
Number of Inspections	8	11	8	8	15
Number of Enforcement Actions	0	0	0	0	0
Number of Inspections with Public Health Hazard Noted *Cited during pre-op inspection only	0	1	0	0	2*

3. Children’s Camps:

	2013	2014	2015	2016	2017
Number of Permitted Facilities	10	8	8	7	7
Number of Inspections	39	39	49	53	60
Number of Enforcement Actions	0	0	2	1	0
Number of Inspections with Public Health Hazard Noted	4	0	2	6	3
Number of Safety Plans Reviewed & Approved	10	8	8	7	7

4. Bathing Beaches and Swimming Pools:

	2013	2014	2015	2016	2017
Number of Permitted Facilities	34	34	34	33	33
Number of Inspections	111	101	93	94	73
Number of Enforcement Actions	0	3	4	1	0
Number of Inspections with Public Health Hazard Noted	2	6	5	2	4
Number of Safety Plans Reviewed & Approved	14	4	6	7	7

5. Mobile Home Parks:

	2013	2014	2015	2016	2017
Number of Permitted Facilities	33	33	32	32	32
Number of Inspections	97	87	76	83	92
Number of Enforcement Actions	1	1	2	4	0
Number of Inspections with Public Health Hazard Noted	6	7	13	5	5

6. Private Water Supplies:

	2013	2014	2015	2016	2017
Number of Wells Sampled	2	6	1	1	1

7. Individual Septic Systems:

	2013	2014	2015	2016	2017
Number of Nuisance (septic system) Complaints Investigated	41	39	49	34	39
Number of Violations	40	37	37	24	33
Number of New Septic System Plans Approved	48	36	73	63	64
Number of Septic System Modifications Approved	84	74	78	98	91
Number of Consultation Site Visits	~67	~60	~90	~81	~83
Number of Enforcement Actions	14	17	22	21	35
Number of Septic Systems Inspected by Certified Inspectors & reviewed by staff	2,003	2,537	2123	2,854	1984

8. ATUPA:

	2013	2014	2015	2016	2017
Number of Inspections for License/Signage	88	68	65	65	66
Number of Underage Compliance Checks	135	122	120	114	87
Number of Violations	3	0	5	0	0
Number of Enforcement Actions	3	0	5	0	0
Number of Tobacco Vendors (* First Collected in 2015)			60	61	59

9. Clean Indoor Air Act:

	2013	2014	2015	2016	2017
Number of Complaints Investigated	5	0	1	1	1
Number of Violations Found	2	3	1	0	0
Number of Waiver Requests Submitted	1	1	1	1	1
Number of Waivers Approved	1	1	1	1	1
Number of Enforcement Actions	0	3	1	1	0

10. Nuisance Complaints (other than septic systems):

	2013	2014	2015	2016	2017
Number of Complaints Investigated	88	67	88	70	51
Number of Violations Found	14	19	12	19	6
Number of Enforcement Actions	0	0	2	1	0

11. Residential Lead:

	2013	2014	2015	2016	2017
Number of Residences Inspected	13	12	10	10	9
Number of Residences with Lead Hazards	9	6	8	5	7
Number of Residences with Lead Hazards Abated	6	6	3	3	4
Number of Inspections	60	78	66	42	33
Number of Enforcement Actions	0	0	0	0	0

12. Subdivisions:

	2013	2014	2015	2016	2017
Number of Subdivision Plan Reviews	1	1	0	0	0

13. Tanning Facilities: *Health Department began inspecting these facilities in 2012

	2013	2014	2015	2016	2017
Number of Facilities	6	4	4	3	3
Number of Inspections	12	7	5	3	2
Number of Enforcement Actions	0	1	0	0	0
Number of Inspections with Public Health Hazards Noted	0	2	0	0	0

D. Rabies Prevention: The Environmental Health Division manages a rabies prevention program, the goal of which is to prevent the occurrence of rabies in humans and animals throughout Cayuga County. The Division responds to reported animal bites and potential exposures, consults with medical personnel for follow up on post-exposure medical treatment when necessary, submits suspected animal specimens to the New York State Laboratory in Albany for rabies analyses, and monitors 10-day confinement and 6-month quarantine of domestic animals involved in human contact or contact with potentially rabid animals. The Division also sponsors free rabies vaccination clinics at least 3x a year, for dogs, cats, & ferrets owned by Cayuga County residents.

	2013	2014	2015	2016	2017
Number of Annual Exposure Investigations	286	301	258	292	269
Number of Specimens Sent for Rabies Testing	78	160	93	132	76
Number of Positive Specimens	7	10	8	18	5
Number of People Received PET	30	40	55	42	54
Number of 10-day Confinements Enforced	164	112	123	139	141
Number of 6-Month Quarantines Enforced	3	6	2	5	1
Number of Pets Vaccinated Through County Sponsored Clinics	277	452	437	388	326
Number of Enforcement Actions	0	0	0	0	0