



***District Health  
Department #10***  
*Healthy People, Healthy Communities*

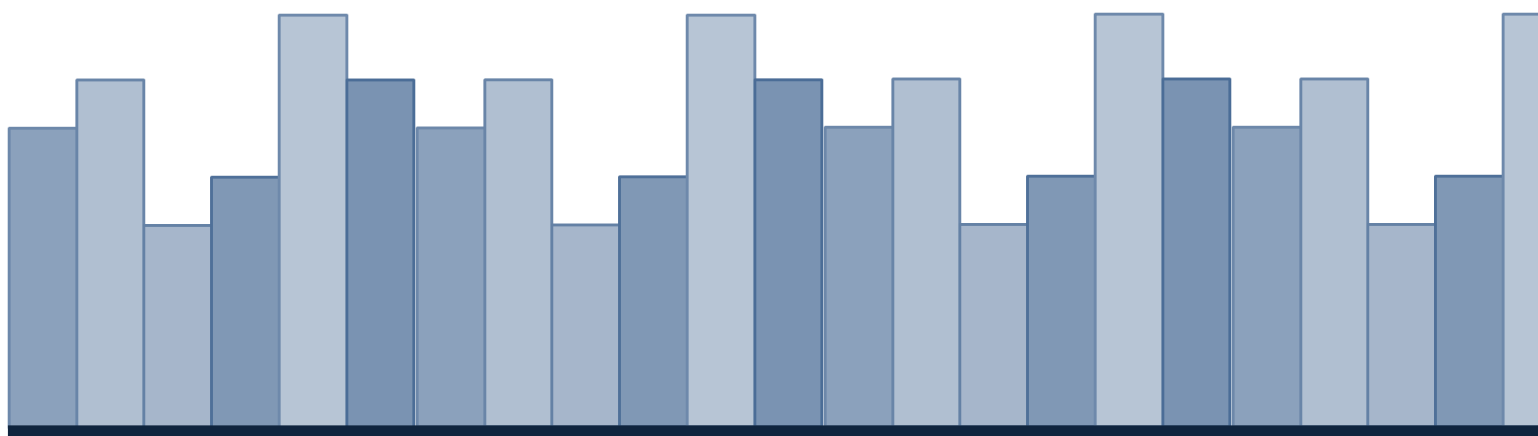
# 2015

## DATA SUPPLEMENT

# 2015 PUBLIC HEALTH DATA

The following supplement provides an in-depth view of the health of residents within the jurisdiction of District Health Department #10. This supplement also highlights data related to the programming and services provided to residents in our communities. These data sets are used to tell the story of each county's health status. DHD#10 continuously collects and analyzes data to identify the burden of disease and examine the overall health of the 10 county population. DHD#10 uses this data to ensure that programs and services are meeting the needs of clients and the communities served.

More data and chart books specific to all ten counties can be found at: [www.dhd10.org](http://www.dhd10.org)



## LEADING CAUSES OF DEATH

	DHD#10 Number of deaths	DHD#10 Death rate per 100,000	Michigan Death rate per 100,000
Heart Disease	670	191.1	197.9
Cancer	649	176.7	174.9
Chronic Lower Respiratory	194	53.6	45.2
Stroke	131	36.9	37.2
Accidents	121	43.9	36.6
Diabetes	101	27.8	23.0
Alzheimer's Disease	95	27.0	25.6
Suicide	46	18.1	12.4
Pneumonia/Influenza	38	11.2	13.3
Kidney Disease	40	11.1	13.5

# COMMUNITY HEALTH INDICATORS

	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Michigan
<b>Total Population</b> <sup>1</sup>	13,904	17,196	11,386	24,450	28,605	43,108	15,051	48,001	26,245	32,645	9,985,622
<b># of Births</b> <sup>2</sup>	103	198	99	204	307	450	199	545	323	365	112,708
<b>Birth Rate per 1,000</b> <sup>2</sup>	7.4	11.6	8.6	8.3	10.7	10.4	13.2	11.4	12.3	11.2	11.4
<b># of Deaths</b> <sup>2</sup>	153	179	146	318	321	372	140	483	242	335	89,917
<b>Death Rate per 100,000</b> <sup>2</sup>	10.9	10.5	12.7	12.9	11.2	8.6	9.3	10.1	9.2	10.3	9.1
<b>Cancer Mortality Age Adjusted Rate per 100,000</b> <sup>2</sup>	180.7	198.7	215.1	182.7	189.3	186.4	172.1	203.6	151.4	205.1	178.1
<b>Cardiovascular Disease Mortality Age Adjusted Rate per 100,000</b> <sup>3</sup>	247.3	285.8	258.3	244.5	231.7	263.7	234.0	221.3	234.7	252.8	255.9
<b>Household Income, 2008-12(median)</b> <sup>4</sup>	\$39,982	\$39,849	\$30,390	\$41,228	\$40,957	\$38,332	\$40,406	\$43,180	\$39,667	\$40,660	\$48,471
<b>Persons Below Poverty</b> <sup>5</sup>	19.7%	15.1%	28.2%	17.3%	16.1%	22.0%	14.8%	17.9%	21.8%	15.2%	17.4%
<b>Medicaid Paid Births</b> <sup>5</sup>	70.9%	71.2%	74.7%	58.8%	51.1%	51.6%	60.3%	55.2%	74.3%	66.8%	44.0%
<b>Teen Pregnancy Rate per 1,000</b> <sup>5</sup>	51.4	44.7	68.2	50.2	53.1	27.4	46.8	52.9	59.2	57.6	44.5
<b>Smoked While Pregnant</b> <sup>5</sup>	47.6%	42.4%	41.0%	34.9%	24.1%	30.4%	25.1%	31.0%	25.4%	32.4%	20.2%

<sup>1</sup>US Census; <sup>2</sup>MDHHS, 2013; <sup>3</sup>MDHHS, 2011-2013; <sup>4</sup>US Census, 2009-2013; <sup>5</sup>Michigan League for Public Policy, 2013

# COMMUNICABLE DISEASE REPORTING

	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Total
<b>Chlamydia</b>	33	21	41	45	66	175	32	140	88	102	743
<b>Hepatitis C</b>	14	23	16	33	33	30	15	54	12	33	263
<b>Campylobacter</b>	1	0	2	5	2	10	3	6	2	5	36
<b>Chickenpox</b>	1	1	0	1	0	1	2	2	1	3	12
<b>Salmonellosis</b>	0	0	0	1	5	4	1	3	5	3	22
<b>Gonorrhea</b>	1	0	1	2	2	9	1	12	7	8	43
<b>Streptococcal</b>	2	3	1	3	0	9	4	12	2	8	44
<b>STEC</b>	0	0	0	2	1	0	0	0	0	1	4
<b>Giardia</b>	1	0	2	3	1	3	0	1	13	1	25
<b>Pertussis</b>	2	1	1	6	0	5	30	13	1	15	74

# ACCESS TO DHD#10 HEALTH SERVICES

	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Total
<b>Maternal Infant Health Program (MIHP)</b>											
Maternal Clients	89	53	70	65	125	211	106	235	158	206	1,318
# of Maternal Visits	395	268	287	285	590	859	508	1,037	652	966	5,847
Infant Clients	62	56	55	97	122	235	136	244	115	295	1,417
# of Infant Visits	239	305	230	558	788	1,064	1,021	1,389	575	1,625	7,794
<b>Children's Special Health Care Service</b>											
# of Children	26	58	38	84	60	149	51	148	110	197	921
# of Services	41	119	87	198	100	254	102	328	290	392	1,911
<b>Women, Infants, and Children (WIC)</b>											
Average Monthly Enrollment	413	499	346	557	907	1,261	443	2,001	1,085	1,613	9,125
% Return Rate	98	98	96	95	95	93	91	97	95	89	94
# of Project Fresh Distributed	183	230	154	247	412	560	193	1,188	453	704	4,324
Value of PROJECT FRESH coupons	\$3,660	\$4,600	\$3,080	\$4,940	\$8,240	\$11,200	\$3,860	\$23,760	\$9,060	\$14,080	\$86,480
Child Lead Screening	48	42	47	63	69	176	67	250	114	255	1,131
<b>Family Planning Services</b>											
# of Clients Served	88	115	53	164	333	104	136	182	263	328	1,766
<b>WISEWOMAN Program</b>											
# Served	53	58	34	66	130	79	37	112	77	44	776
<b>Cancer Screening Programs</b>											
Breast & Cervical Screenings	53	58	36	66	131	82	37	112	78	146	799
# Cancers Found	0	0	0	0	3	0	0	1	1	2	7
Colorectal Screenings	7	7	4	11	17	13	6	21	10	18	114
# Referred for Colonoscopy	0	0	0	0	1	1	0	3	1	2	8
<b>Dental Health - services provided in partnership with Michigan Community Dental Clinics</b>											
# Clinic Clients	709	1,612	379	2,285	1,887	2,296	861	558	2,198	2,763	15,548

# ESSENTIAL LOCAL PUBLIC HEALTH SERVICES

	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Total
<b>Onsite Sewage</b>											
Septic Permits	87	121	119	132	124	148	72	220	179	113	1,315
Septic Failures	18	32	28	39	32	50	14	53	64	26	356
<b>Water Program</b>											
Well Permits	85	113	124	119	139	173	118	246	205	126	1,448
Well Inspections	11	32	31	23	38	14	4	24	27	16	220
<b>Food Service</b>											
Food Operation Inspections	87	59	88	205	182	181	63	205	136	202	1,408
Temp Food Booth Inspections	27	14	53	55	116	77	31	39	112	76	600
Reported Food Borne Illness	1	0	1	4	4	4	1	6	1	5	27
<b>Immunizations</b>											
Vaccines Given	719	656	215	952	1,846	1,078	481	1,015	1,159	1,330	9,451
Influenza Vaccines Given	326	864	310	935	1,117	993	547	924	1,138	995	8,149
<b>Communicable Disease</b>											
TB Skin Tests Given	55	55	50	328	322	339	154	218	273	246	2,040
TB Patients on Prophylaxis	0	3	0	1	2	7	0	5	4	0	22
Communicable Disease Services	40	52	39	88	60	197	58	123	51	98	806
<b>STI Services</b>											
STI Cases	37	49	45	43	68	203	29	153	100	115	842
HIV Tests	0	3	0	0	7	7	3	1	3	0	24
<b>Hearing Screenings</b>											
Preschool Hearing Screenings	21	146	56	116	408	257	227	492	290	482	2,495
School Hearing Screenings	467	327	141	570	723	1,407	604	1,524	761	938	7,462
<b>Vision Screenings</b>											
Preschool Vision Screenings	26	150	58	107	406	287	246	493	262	509	2,544
School Vision Screenings	803	701	474	1,133	1,431	2,414	1,258	2,970	1,270	1,806	14,265

# PUBLIC HEALTH PROGRAM SNAPSHOTS

## ENVIRONMENTAL HEALTH SERVICES

	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Total
Radon Kits Distributed	29	38	2	34	64	125	18	18	16	43	387
Soil Evaluations	1	2	5	7	6	15	1	21	12	3	73
Mortgage Evaluations	1	2	12	3	7	20	1	138	51	3	238
Building Permit Approvals	0	9	27	12	17	44	7	37	64	2	219
Complaints (all)	16	6	19	11	29	40	10	35	25	40	231
Child Care Inspections	13	22	7	13	16	28	26	46	19	28	218
Campground Inspections	30	11	29	26	25	21	13	32	38	25	250
Swimming Pool Inspections	3	6	4	24	43	19	1	9	36	13	158
Type II Sanitary Surveys	5	6	12	38	32	21	6	32	28	21	201
Tanning Inspections	1	3	2	0	5	7	3	5	6	10	42
Animal Bites/Exposures	2	2	1	11	4	14	3	14	10	12	73

## WOMEN, INFANTS, AND CHILDREN (WIC) SERVICES



	2014	2015
Average Monthly Enrollment	9,421	9,125
% Return Rate	94%	94%
# of Project Fresh Books Distributed	3,743	4,324
Value of Project Fresh Coupons	\$74,860	\$86,480
Child Lead Screening	1,283	1,131



# HEALTH PROMOTION SERVICES

<b>Community Programs</b>	
Worksite Wellness Screenings	297
<b>Youth Programs</b>	
Girls on the Run Participants	665
<b>Adolescent Health Centers Students Served</b>	<b>585</b>
Cadillac	
Mesick/Manton	346
Shelby	70
Grayling	86
<b>Family Health Programs</b>	
Family Planning Participants	1,766
Breast and Cervical Cancer Screening	799
Colorectal Cancer Screening	114
WISEWOMAN Program Screening	776
<b>Lakeshore Regional Partners Direct Reach</b>	
Lake	346
Mason	2,666
Oceana	755



# PERSONAL HEALTH SERVICES



<b>Immunizations</b>	
Vaccines Administered	9,451
Influenza Vaccines Administered	8,149
<b>Maternal Infant Health Program (MIHP)</b>	
MIHP Maternal Clients	1,318
MIHP Maternal Visits	5,847
MIHP Infant Clients	1,417
MIHP Infant Visits	7,794
<b>Hearing and Vision</b>	
Preschool Hearing Screenings	2,495
School Hearing Screenings	7,462
Preschool Vision Screenings	2,544
School Vision Screenings	14,265



## DISTRICT HEALTH DEPARTMENT #10 JURISDICTION

<b>CRAWFORD COUNTY OFFICE</b>	<b>KALKASKA COUNTY OFFICE</b>	<b>LAKE COUNTY OFFICE</b>	<b>MANISTEE COUNTY OFFICE</b>	<b>MASON COUNTY OFFICE</b>
501 Norway Street Ste. 1 Grayling, MI 49738 Phone: (989) 348-7800	625 Courthouse Drive Kalkaska, MI 49646 Phone: (231) 258-8669	5681 S M-37 Baldwin, MI 49304 Phone: (231) 745-4663	385 Third Street Manistee, MI 49660 Phone: (231) 723-3595	916 Diana Street Ludington, MI 49431 Phone: (231) 845-7381
<b>MECOSTA COUNTY OFFICE</b>	<b>MISSAUKEE COUNTY OFFICE</b>	<b>NEWAYGO COUNTY OFFICE</b>	<b>OCEANA COUNTY OFFICE</b>	<b>WEXFORD COUNTY OFFICE</b>
14485 Northland Drive Big Rapids, MI 49307 Phone: (231) 592-0130	6180 W. Sanborn Rd. Ste. 1 Lake City, MI 49651 Phone: (231) 839-7167	1049 Newell Street White Cloud, MI 49349 Phone: (231) 689-7300	3986 N Oceana Drive Hart, MI 49420 Phone: (231) 873-2193	521 Cobbs Street Cadillac, MI 49601 Phone: (231) 775-9942

FIND US ONLINE: [www.dhd10.org](http://www.dhd10.org)  [www.facebook.com/healthdept10](https://www.facebook.com/healthdept10)