

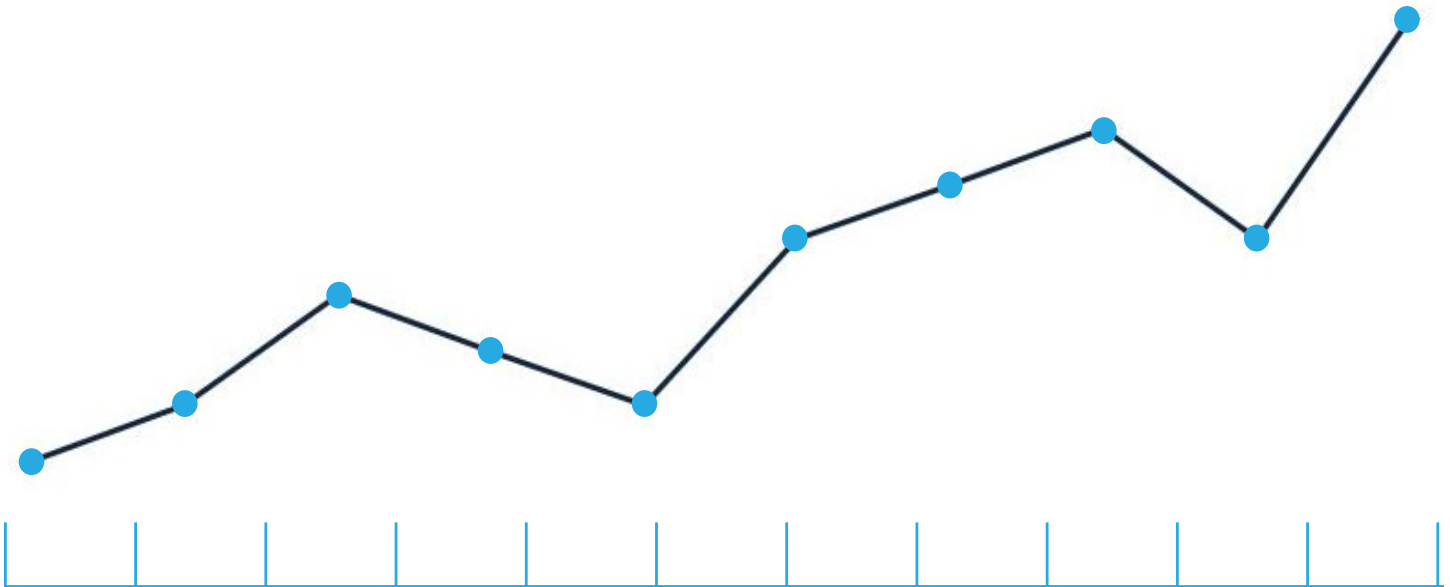


DATA SUPPLEMENT

2017

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.



LEADING CAUSES OF DEATH

	DHD#10 Number of Deaths	DHD#10 Death Rate per 100,000	Michigan Death Rate per 100,000
Heart Disease	669	181.8	195.5
Cancer	676	178.8	164.9
Chronic Lower Respiratory	248	64.9	46.7
Stroke	144	40.1	36.8
Accidents	162	57.6	42.9
Diabetes	78	21.9	22.2
Alzheimer's Disease	98	27.0	29.7
Suicide	33	12.5	13.6
Pneumonia/Influenza	50	13.2	15.0
Kidney Disease	52	13.8	15.4

MDHHS, 2015

COMMUNITY HEALTH INDICATORS

	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Michigan
Total Population ₁	13,774	17,260	11,496	24,373	28,876	43,221	15,102	47,938	26,027	33,163	9,928,300
# of Births ₂	128	182	111	195	316	431	174	522	311	407	113,211
Birth Rate per 1,000 ₂	9.3	10.5	9.7	8.0	11.0	10.0	11.7	10.9	11.9	12.3	11.4
# of Deaths ₂	177	193	145	303	317	379	169	507	282	368	93,719
Death Rate per 100,000 ₂	12.8	11.2	12.7	12.4	11.0	8.8	11.3	10.6	10.8	11.2	9.4
Cancer Mortality Age Adjusted Rate per 100,000 ₂	216.5	202.8	153.3	178.4	160.4	200.6	144.2	177.8	185.1	173.9	164.9
Cardiovascular Disease Mortality Age Adjusted Rate per 100,000 ₂	198.8	218.5	198.7	130.8	155.7	154.9	183.5	192.7	219.4	199.8	195.5
Household Income, 2011-15(median) ₄	\$41,743	\$40,534	\$30,439	\$41,395	\$42,024	\$41,889	\$41,098	\$43,693	\$41,617	\$41,534	\$49,576
Persons Below Poverty ₅	17.2%	16.5%	24.8%	15.0%	16.8%	21.3%	17.5%	16.3%	17.2%	14.8%	15.7%
Medicaid Paid Births ₅	65.6%	56.6%	73.9%	55.4%	48.7%	43.2%	46.0%	44.3%	60.5%	55.5%	43.5%
Teen Pregnancy Rate per 1,000 ₅	9.2%	9.0%	11.6%	12.0%	6.9%	7.5%	6.9%	7.5%	10.8%	8.7%	6.3%
Smoked While Pregnant ₅	40.0%	34.2%	41.8%	32.6%	23.9%	27.0%	23.0%	25.6%	24.9%	31.1%	18.4%
¹ US Census, est 2015; ² MDHHS, 2015; ⁴ US Census, 2011-15; ⁵ Michigan League for Public Policy, 2015											

COMMUNICABLE DISEASE REPORTING

	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Total
Chlamydia	31	45	39	55	63	165	34	128	75	80	715
Hepatitis C	4	11	15	22	10	12	6	27	11	28	146
Campylobacter	1	1	1	5	4	7	5	11	3	4	42
Chickenpox	0	0	0	0	1	0	0	1	0	6	8
Salmonellosis	0	1	0	2	2	5	2	6	3	1	22
Gonorrhea	2	0	3	4	15	18	1	10	3	10	66
Streptococcal	3	4	1	1	0	6	1	8	0	4	28
STEC	0	0	0	0	0	2	0	7	0	0	9
Giardia	1	1	0	0	0	6	1	4	0	1	14
Pertussis	0	0	0	1	0	3	2	0	0	3	9
HIV*	0	0	0	0	0	0	0	0	0	0	0
Hepatitis A	0	0	1	2	0	0	0	0	0	0	3
Lyme Disease	0	0	0	6	4	1	0	0	0	0	11

*HIV numbers were unavailable at the time of printing this report.

ACCESS TO DHD#10 HEALTH SERVICES

	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Total
Maternal Infant Health Program (MIHP)											
Maternal Clients	106	60	36	70	102	145	135	217	86	138	1,095
# of Maternal Visits	435	238	126	299	505	518	422	804	337	683	4,367
Infant Clients	85	52	48	120	88	186	81	210	114	250	1,234
# of Infant Visits	298	182	178	596	476	1,020	845	1,327	607	1,617	7,146
Healthy Futures											
Clients	86	71	15	74	19	0	120	0	0	165	550
Children's Special Health Care Service											
# of Children	61	76	41	71	96	105	86	214	143	207	1,100
# of Services	124	144	82	135	160	200	151	435	272	384	2,087
Women, Infants, and Children (WIC)											
Average Monthly Enrollment	371	451	317	560	816	1,168	382	1,830	1,024	1,463	8,382
% Return Rate	92%	92%	94%	94%	94%	94%	89%	98%	93%	89%	93.2%
# of Project Fresh Distributed	220	270	195	339	493	687	224	1,088	608	858	4,982
Value of PROJECT FRESH coupons	\$5,500	\$6,750	\$4,875	\$8,475	\$12,325	\$17,175	\$5,600	\$27,200	\$15,200	\$21,450	\$124,550
Child Lead Screening	87	69	56	43	63	211	58	261	149	268	1,265
# Dental Services (Fluoride & Oral Screenings)	92	100	84	111	217	167	63	320	211	101	1,466
Family Planning Services											
# of Clients Served	73	85	37	151	263	114	111	133	223	341	1,531
# of Services	140	146	53	275	529	216	229	259	437	623	2,907
WISEWOMAN Program											
# Clients	12	23	9	40	63	47	14	64	78	61	411
Cancer Screening Programs											
Breast & Cervical Screenings	33	37	18	67	85	64	26	88	114	99	631
# Cancers Found	0	0	0	0	1	0	0	0	3	2	6
Colorectal Screenings	2	1	0	6	14	9	1	20	29	9	91
# Referred for Colonoscopy	2	3	1	7	3	2	3	9	26	3	59
Dental Health - services provided in partnership with Michigan Community Dental Clinics											
# Clinic Clients	783	1,593	468	2,481	1,802	2,271	1,000	0	2,090	2,715	15,203

ESSENTIAL LOCAL PUBLIC HEALTH SERVICES

	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Total
Onsite Sewage											
Septic Permits	67	122	147	163	151	193	70	269	213	123	1,518
Septic Failures	8	27	3	4	47	36	1	24	82	24	256
Water Program											
Well Permits	89	127	150	133	173	242	105	304	200	133	1,656
Well Inspections	10	24	52	20	45	29	17	27	24	17	265
Food Service											
Food Operation Inspections	94	78	77	209	240	238	71	244	174	225	1,650
Temp Food Booth Inspections	9	18	14	23	82	14	17	15	29	74	312
Reported Food Borne Illness	0	1	0	4	7	5	0	3	3	4	27
Immunizations											
Vaccines Given	523	383	118	775	1,381	1,144	397	907	1,253	1,125	8,006
Influenza Vaccines Given	272	601	191	614	797	1,009	614	706	999	959	6,762
Communicable Disease											
TB Skin Tests Given	63	32	38	218	277	379	139	278	209	275	1,908
TB Patients on Prophylaxis	0	2	0	1	2	3	0	2	2	0	12
Communicable Disease Services	84	32	58	107	57	115	28	117	43	101	742
STI Services											
STI Clients	61	22	61	236	396	256	121	236	244	425	2,062
STI Clinic Services	11	5	7	36	70	51	19	43	41	83	366
Hearing Screenings											
Preschool Hearing Screenings	20	61	20	161	329	302	117	320	313	394	2,037
School Hearing Screenings	314	315	130	482	806	1,077	331	1,704	645	918	6,722
Vision Screenings											
Preschool Vision Screenings	20	64	21	169	322	306	123	324	309	402	2,060
School Vision Screenings	784	746	339	1,193	1,798	1,812	864	2,706	1,569	2,049	13,860

PUBLIC HEALTH PROGRAM SNAPSHOTS

ENVIRONMENTAL HEALTH SERVICES

	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Total
Radon Kits Distributed	60	16	28	178	75	180	37	68	83	82	785
Soil Evaluations	2	5	3	13	15	19	2	22	16	10	107
Mortgage Evaluations	3	0	8	0	13	39	0	106	53	11	233
Building Permit Approvals	2	10	43	6	14	41	4	64	73	8	265
Complaints (all)	11	6	17	9	19	36	10	25	9	12	154
Child Care Inspections	19	18	8	20	14	32	19	46	26	33	235
Campground Inspections	25	11	28	24	27	9	13	20	36	26	219
Swimming Pool Inspections	2	4	2	18	47	19	2	1	37	23	155
Type II Sanitary Surveys	20	27	23	13	13	29	15	16	25	18	199
Tanning Inspections	0	0	0	4	5	1	2	9	5	7	33
Animal Bites/Exposures	27	47	19	82	68	79	37	109	53	72	593
Smoked While Pregnant	40.0%	34.2%	41.8%	32.6%	23.9%	27.0%	23.0%	25.6%	24.9%	31.1%	18.4%

WOMEN, INFANTS, AND CHILDREN (WIC) SERVICES

	2016	2017
Average Monthly Enrollment	8,703	8,382
% Return Rate	93%	93.2%
# of Project Fresh Books Distributed	4,529	4,982
Value of Project Fresh Coupons	\$90,580	\$124,625
Child Lead Screening	1,262	1,265
Children who Received Fluoride Varnish	805	1,466



HEALTH PROMOTION SERVICES

Community Programs	
Worksite Wellness Screenings	344
Youth Programs	
Girls on the Run Participants	457
Adolescent Health Centers Students Served (Cadillac, Mesick, Manton, Shelby, & Grayling)	
Medical Services	2,586
Mental Health Services	1,674
Family Health Programs	
Family Planning Participants	1,531
Breast and Cervical Cancer Screening	631
Colorectal Cancer Screening	91
WISEWOMAN Program Screening	411
Substance Abuse Prevention Services	
(Mason, Lake, Oceana, Missaukee, Wexford Counties)	
Community Education—# of adults reached:	19,200
School Programs—# of students reached:	367
Total number of groups:	13
Youth Summit - # of attendees:	55
Alcohol Server Training Classes—# of classes:	17
Total trainers certified:	96
Active Community Coalitions:	4

PERSONAL HEALTH SERVICES

Immunizations	
Vaccines Administered	8,006
Influenza Vaccines Administered	6,762
Home Visiting Programs	
<i>Maternal Infant Health Program (MIHP) Healthy Futures</i>	
MIHP Maternal Clients	1,095
MIHP Maternal Visits	4,367
MIHP Infant Clients	1,234
MIHP Infant Visits	7,146
Healthy Futures Clients	550
Healthy Futures Phone Calls	301
Healthy Futurs Home Visits	110
Hearing and Vision	
Preschool Hearing Screenings	2,037
School Hearing Screenings	6,722
Preschool Vision Screenings	2,060
School Vision Screenings	13,860





District Health Department #10

Healthy People, Healthy Communities

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