

Q3 2019 Communicable Disease Report

Oakland County
Health Division

Communicable
Disease Unit



HEALTH DIVISION

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OAKLAND COUNTY HEALTH DIVISION

SELECTED REPORTABLE DISEASES FOR Q3 2019

Enteric Diseases	Year to Date Totals										2009-2018			
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD Mean	Sep-19	2019 YTD	Rate ¹
Campylobacter	79	121	112	78	103	125	90	130	148	148	113	12	138	11.5
Cryptosporidiosis	3	3	4	8	21	9	5	17	5	9	8	0	10	0.8
Giardiasis	48	54	40	38	45	29	21	43	39	34	39	2	30	2.5
Listeriosis	2	3	1	1	1	3	2	1	6	2	2	0	3	0.2
Salmonellosis	101	117	87	87	86	116	103	103	102	90	99	7	92	7.7
Shiga Toxin-Producing <i>Escherichia coli</i> (STEC)	0	8	14	18	15	11	12	15	8	15	12	0	11	0.9
Shigellosis	7	21	22	44	11	16	50	42	34	18	27	2	25	2.1
Typhoid Fever	1	3	2	0	0	5	2	1	4	3	2	2	3	0.2
Yersinia enteritis	3	3	2	1	2	1	3	3	2	2	2	0	0	0.0
Hepatitis	Year to Date Totals										2009-2018			
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD Mean	Sep-19	2019 YTD	Rate ¹
Hepatitis A	2	3	8	4	17	6	3	6	59	28	14	0	6	0.5
Hepatitis B-Acute	12	6	4	4	7	2	4	2	3	9	5	1	7	0.6
Hepatitis B-Chronic	169	120	116	102	114	113	114	135	135	135	125	17	134	11.1
Hepatitis C-Acute	2	1	3	0	4	4	2	7	8	5	4	0	1	0.1
Hepatitis C-Chronic	397	312	327	398	332	460	516	800	759	745	505	79	597	49.7
Vaccine Preventable Diseases	Year to Date Totals										2009-2018			
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD Mean	Sep-19	2019 YTD	Rate ¹
Chickenpox	152	120	91	81	44	67	52	46	53	41	75	8	43	3.6
Diphtheria	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Measles	0	0	2	1	0	0	1	0	0	1	1	0	40	3.3
Mumps	0	8	3	2	0	2	0	2	2	4	2	0	1	0.1
Pertussis	61	89	90	67	72	120	17	46	104	38	70	4	31	2.6

¹Rate is based per 100,000 people and calculated from YTD totals using 2010 (1,202,362 U.S. Census Bureau)

Please Note: Cases of disease are tabulated according to date of onset when available.

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OAKLAND COUNTY HEALTH DIVISION

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	Year to Date Totals										2009-2018				
STD	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD Mean	Sep-19	2019 YTD	Rate¹	
Chlamydia	2765	2765	2768	2610	2572	2726	2947	3139	3209	3306	2881	368	3579	297.7	
Gonorrhea	752	779	756	618	641	480	548	745	912	954	719	165	1027	85.4	
Syphilis Total	16	31	27	24	51	60	50	50	49	60	42	0	47	3.9	
(Primary & Secondary)															
	Year End Totals										2009-2018				
HIV/AIDS²	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Year End Mean	2019 YTD		Rate¹	
HIV (All Stages)	129	103	107	112	88	91	82	93	99	78	98	54		4.5	
AIDS (HIV Infection Stage 3)	57	56	51	56	53	35	27	46	45	17	44	24		2.0	
Previously Positive Cases, New to Oakland County	-	-	-	-	-	-	-	-	-	31	31	26		2.2	
	Year End Totals										2009-2018				
Tuberculosis²	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Year End Mean	Sep-19	2019 YTD	Rate¹	
Pulmonary	10	15	12	11	15	12	9	9	18	11	12	1	8	0.7	
Extrapulmonary	6	6	9	10	7	4	7	7	8	7	7	0	8	0.7	
Extrapulmonary & Pulmonary	3	2	1	1	3	2	1	2	1	3	2	0	0	0.0	
TB Total	19	23	22	22	25	18	17	18	25	21	21	1	16	1.3	
Vector	Year to Date Totals										2009-2018				
Borne Diseases	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD Mean	Sep-19	2019 YTD	Rate¹	
Chikungunya	-	-	-	-	-	0	1	1	0	1	1	0	0	0.0	
Denque Fever	1	1	0	1	2	0	2	2	3	1	1	0	1	0.1	
Eastern Equine Encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	
Lyme Disease	3	5	7	0	2	5	4	8	5	14	5	1	8	0.7	
Malaria	5	2	6	1	2	1	1	4	5	3	3	1	5	0.4	
Rocky Mountain Spotted Fever	0	0	0	0	1	0	0	0	0	5	1	1	3	0.2	
St. Louis Encephalitis	0	1	0	0	0	0	0	0	0	0	0	0	0	0.0	
West Nile Virus	0	4	1	19	6	0	4	7	5	11	6	1	1	0.1	
Zika	0	0	0	0	0	0	0	3	1	0	1	0	0	0.0	

¹Rate is based per 100,000 people and calculated from YTD totals using 2010 (1,202,362 U.S. Census Bureau)

²Calculated Quarterly. Total is subject to change pending reporting from Michigan Department of Community Health

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Meningitis and Invasive Diseases	Year to Date Totals										2009-2018	Sep-19	2019 YTD	Rate ¹
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD Mean			
Aseptic Meningitis	79	70	76	95	85	54	51	46	49	65	67	4	28	2.3
Bacterial Meningitis - Other	7	6	6	11	13	6	15	13	7	9	9	0	17	1.4
<i>H. influenzae</i> - Invasive	0	3	4	6	9	6	5	10	10	12	7	0	6	0.5
Meningococcal Disease	2	1	0	0	0	1	1	0	0	0	1	1	1	0.1
<i>Strep. pneumo</i> Invasive	76	43	44	33	33	36	47	38	48	59	46	1	39	3.2
Other Diseases	Year to Date Totals										2009-2018	Sep-19	2019 YTD	Rate ¹
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD Mean			
Blastomycosis	1	0	0	0	0	0	0	0	1	0	0	0	0	0.0
CRE	-	-	-	-	-	-	-	-	-	16	8	1	15	1.2
Cryptococcosis	3	10	3	2	3	2	1	0	1	0	3	0	2	0.2
Guillan-Barre	4	5	7	5	3	6	3	4	4	4	5	1	6	0.5
Histoplasmosis	5	1	3	1	1	1	0	2	2	2	2	0	3	0.2
Kawasaki	6	9	6	10	10	10	10	9	4	0	7	0	3	0.2
Legionellosis	18	17	21	21	32	14	16	20	39	45	24	5	41	3.4
Toxic Shock (Staph & Strep)	1	3	0	1	0	0	0	1	0	2	1	0	1	0.1
Animal Bites and Rabid Animals	Year to Date Totals										2010-2017	Sep-19	2019 YTD	Rate ¹
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD Mean			
Animal Bite ³	-	36	51	59	280	283	264	330	346	387	226	63	362	30.1
Bat	-	6	2	2	2	2	6	5	3	6	4	0	4	
Cat	-	0	0	0	0	0	0	0	1	0	0	0	0	
Dog	-	1	1	0	0	0	0	0	0	0	0	0	0	
Skunk	-	2	2	3	0	0	0	0	0	2	1	3	6	
Other - Horse, Fox, etc.	-	0	1	0	0	0	0	0	0	0	0	0	0	
Total Rabid Animals	-	9	6	5	2	2	6	5	4	8	5	3	10	

¹Rate is based per 100,000 people and calculated from YTD totals using 2010 (1,202,362 U.S. Census Bureau)

³Calculation of mean has been adjusted to more accurately reflect when reporting via MDSS was started for this condition

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