



Kalamazoo County Communicable Disease Counts by Year (2007-2018)

Disease Group	Disease	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Total	Mean # of cases per year	Mean rate per 100,000
Foodborne	Amebiasis	0	0	3	0	1	0	0	1	0	0	0	0	5	0.4	0.2
	Campylobacter	26	39	46	66	23	25	36	14	40	43	62	89	509	42.4	16.9
	Cryptosporidiosis	6	1	3	6	14	16	3	4	6	2	9	19	89	7.4	3.0
	Giardiasis	10	17	12	11	8	12	9	12	10	21	25	30	177	14.8	5.9
	Listeriosis	0	0	0	3	2	0	0	0	0	0	0	0	5	0.4	0.2
	Listeriosis (2014-2017)*	0	0	0	0	0	0	0	2	1	0	0	0	3	0.3	0.1
	Salmonellosis	22	30	25	40	26	40	29	37	29	22	39	50	389	32.4	12.9
	Shiga toxin-producing Escherichia coli --(STEC)	0	0	0	0	3	5	3	4	4	4	6	0	29	2.4	1.0
	Shigellosis	0	9	3	3	5	2	3	102	5	13	5	5	155	12.9	5.2
	Typhoid Fever	0	1	1	0	0	0	0	0	0	1	1	0	4	0.3	0.1
Yersinia enterocolitica	0	0	0	0	0	0	0	1	1	1	0	12	25	2.1	0.8	
Influenza		6959	5527	17500	14480	6957	7145	8085	5339	6046	5207	9405	2425	95075	7922.9	3165.0
Meningitis	Meningitis - Aseptic	57	57	34	59	47	34	42	29	22	35	12	30	458	38.2	15.2
	Meningitis - Bacterial Other	1	17	9	6	6	4	1	5	3	0	4	2	58	4.8	1.9
	Meningococcal Disease	0	1	0	1	0	0	1	0	1	0	0	0	4	0.3	0.1
	Streptococcus pneumoniae, Inv	28	13	25	30	19	20	11	17	23	34	24	28	272	22.7	9.1
Miscellaneous	Blastomycosis	0	0	0	0	0	0	2	0	0	0	0	0	2	0.2	0.1
	Brucellosis	0	0	2	0	0	0	0	0	0	0	0	0	2	0.2	0.1
	Coccidioidomycosis	0	3	0	0	0	0	0	2	0	0	0	0	5	0.4	0.2
	Creutzfeldt-Jakob Disease	0	1	0	1	0	0	0	0	0	0	0	0	2	0.2	0.1
	Cryptococcosis	0	0	2	1	0	1	0	0	0	0	0	0	4	0.3	0.1
	Cyclosporiasis	0	0	0	0	0	0	0	0	0	0	4	7	11	0.9	0.4
	Encephalitis, Primary	0	0	1	0	2	2	1	1	0	0	0	0	7	0.6	0.2
	Guillain-Barre Syndrome	1	4	4	3	7	3	2	3	2	0	0	0	29	2.4	1.0
	Hemolytic Uremic Syndrome	0	0	1	0	0	0	0	1	0	0	1	0	3	0.3	0.1
	Histoplasmosis	4	1	1	4	9	5	2	2	2	2	2	2	5	3.3	1.3
	Kawasaki	3	1	3	2	2	0	1	1	0	0	0	0	13	1.1	0.4
	Legionellosis	4	2	2	2	4	4	4	1	1	4	9	5	11	4.1	1.6
	Q Fever Acute	0	0	0	1	0	0	0	0	0	0	0	0	1	0.2	0.1
	Q Fever Chronic	0	0	0	0	0	0	0	1	0	0	0	0	1	0.1	0.0
	Staphylococcus Aureus Infect.*	0	0	0	0	0	1	0	0	0	1	1	0	3	0.3	0.1
	Streptococcal Dis, Inv, Grp A	0	6	2	5	17	4	7	6	6	12	14	8	87	7.3	2.9
	Streptococcal Toxic Shock	1	0	0	0	0	1	1	0	2	0	0	2	7	0.6	0.2
Streptococcus pneumoniae, Drug Resistant	0	2	2	3	3	4	3	0	0	1	10	1	29	2.4	1.0	
Toxic Shock	0	0	0	1	0	0	0	1	0	0	0	0	2	0.2	0.1	
Vibriosis - Non Cholera	0	0	0	0	0	0	0	0	0	1	1	4	6	0.5	0.2	
Sexually Transmitted	Chlamydia (Genital)	1304	1550	1593	1738	1763	1828	1857	2066	2137	2174	2303	2368	22681	1890.1	755.0
	Gonorrhea	449	709	583	496	351	262	289	659	657	649	856	1027	6987	582.3	232.6
	Syphilis - Congenital	0	0	1	0	0	0	0	1	0	1	2	0	5	0.4	0.2
	Syphilis - Early Latent	2	1	3	1	4	2	7	5	3	9	10	9	56	4.7	1.9
	Syphilis - Late Latent*	0	0	0	0	0	0	0	1	1	3	6	0	11	0.9	0.4
	Syphilis - Late with Manifestations*	0	1	1	0	0	0	0	0	0	0	0	0	2	0.2	0.1
	Syphilis - Latent of Unknown Duration*	0	0	1	1	0	0	0	0	0	0	0	0	2	0.2	0.1
	Syphilis - Primary	0	1	0	2	12	2	4	7	3	2	4	2	39	3.3	1.3
	Syphilis - Secondary	0	3	5	5	15	2	1	4	3	4	10	57	57	4.8	1.9
Syphilis - Unknown Duration or Late	0	0	0	0	0	0	0	0	0	0	1	0	1	0.1	0.0	
Tuberculosis	Nontuberculous Mycobacterium	0	0	0	0	1	3	0	1	0	1	8	21	35	2.9	1.2
	Tuberculosis	7	6	2	2	1	1	2	1	0	2	3	0	27	2.3	0.9
Vaccine Preventable	Chickenpox (Varicella)	74	38	41	44	25	20	18	25	16	12	17	11	341	28.4	11.4
	H. influenzae Disease - Inv.	3	0	1	1	1	0	2	4	5	7	3	5	32	2.7	1.1
	Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
	Mumps	2	0	0	0	0	0	0	0	0	0	0	0	2	0.2	0.1
	Pertussis	54	47	32	36	6	41	19	49	11	10	10	16	331	27.6	11.0
	Rubella	3	0	0	0	0	0	0	0	0	0	0	0	3	0.3	0.1
	Tetanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Vectorborne	Dengue Fever	0	1	0	1	0	0	0	1	1	0	0	0	4	0.3	0.1
	Encephalitis, Eastern Equine	0	0	0	2	0	0	0	0	0	0	0	0	2	0.2	0.1
	Lyme Disease	1	1	2	3	0	2	4	2	7	15	21	38	96	8.0	3.2
	Malaria	0	1	2	1	1	1	0	2	0	0	2	0	10	0.8	0.3
	Rickettsial Disease - Spotted Fever	0	0	1	0	0	1	0	0	0	1	0	1	4	0.3	0.1
	West Nile Virus	0	0	0	0	0	1	0	0	0	1	1	1	4	0.3	0.1
Zika	0	0	0	0	0	0	0	0	0	5	1	0	6	0.5	0.2	
Viral Hepatitis	Hepatitis A	0	1	1	0	0	4	0	0	2	0	1	4	13	1.1	0.4
	Hepatitis B, Acute	1	2	3	2	1	0	0	0	0	0	1	0	10	0.8	0.3
	Hepatitis B, Chronic	19	25	23	21	25	21	15	18	19	11	19	21	237	19.8	7.9
	Hepatitis C, Acute	4	5	2	5	1	1	0	1	1	2	1	7	30	2.5	1.0
	Hepatitis C, Chronic	154	168	147	134	160	130	106	110	111	194	259	236	1909	159.1	63.6
Hepatitis E	0	0	0	0	0	0	0	0	0	0	1	0	1	0.1	0.0	
Total		9206	8294	20141	17241	9520	9693	10611	8561	9266	8586	18321	32704	162144	13512.0	5397.7

Source: Michigan Disease Surveillance System, data extracted 06/12/2018. Totals include probable and confirmed cases reported on Jan 1 and ending on Dec 31. ☒

Rate is per 100,00 population using 2010 Census population for Kalamazoo County