

Summary of Select Reportable Diseases for City of Cleveland (2008)

Disease Name	Quarter 2* Mar 30-Jun 28	Year to Date	Median Q2, 2003-2007	Median 2003-2007	Min,Max 2003-2007
Amebiasis	0	1	0	0	0,1
Arboviral neuroinvasive and non-neuroinvasive disease (incl. West Nile Virus)	0	0	0	4	2,29
Aseptic Meningitis	6	8	4	32	24,69
Botulism, foodborne	0	0	0	0	0,0
Botulism, infant	0	0	0	0	0,0
Brucellosis	0	0	0	0	0,0
Campylobacteriosis	7	12	8	43	39,44
Coccidiomycosis	0	0	0	0	0,1
Creutfeldt-Jakob Disease	0	0	0	0	0,0
Cryptosporidiosis	1	2	0	4	2,13
E. Coli O157:H7 and other enterohemorrhagic	1	1	0	2	1,5
Encephalitis, other viral	0	0	0	0	0,1
Encephalitis, post-infection	0	0	0	0	0,2
Giardiasis	2	7	5	24	12,32
Haemophilus influenzae, invasive	1	2	1	5	2,7
Hemolytic Uremic Syndrome (HUS)	0	0	0	0	0,0
Hepatitis A	0	2	0	2	0,12
Hepatitis B, acute	4	11	4	23	17,27
Hepatitis B, chronic	24	47	30	96	49,121
Hepatitis C, acute	0	3	0	2	0,8
Hepatitis C, chronic	125	247	212	814	557,839
Hepatitis E	0	0	0	0	0,0
Legionnaires' disease	5	6	3	17	12,23
Listeriosis	0	1	1	2	0,4
Lyme Disease	0	2	0	0	0,2
Malaria	0	0	0	2	0,3
Meningitis, bacterial (non-Neiseria)	5	8	2	6	3,8
Meningococcal Disease	1	2	0	3	2,7
Mumps	0	0	0	1	0,2
Pertussis	0	0	1	5	2,12
Q Fever	0	0	0	0	0,0
Rocky Mountain Spotted Fever (RMSF)	0	0	0	0	0,1
Salmonellosis	12	15	11	55	44,62
Shigellosis	7	33	4	12	5,72
Streptococcal Disease, Group A, invasive	4	8	5	11	10,17
Streptococcal disease, Group B, newborn	1	2	1	6	3,10
Streptococcal Toxic Shock Syndrome	2	2	1	1	0,3
Streptococcus pneumoniae, invasive, non-resistant or unknown resistance	4	7	10	28	25,39
Streptococcus pneumoniae, invasive, resistant or intermediate resistance	5	13	3	12	8,19
Tetanus	0	0	0	0	0,0
Toxic Shock Syndrome	0	0	0	0	0,1
Toxoplasmosis (congenital)	0	0	0	0	0,0
Trichinosis	0	0	0	0	0,0
Typhoid Fever	0	0	0	0	0,0
Varicella ¹	9	12	27	70	66,74
Vibriosis, other (not cholera)	0	0	0	0	0,1
Yersiniosis	3	4	0	2	1,9

* MMWR Weeks 14-26

¹ Varicella became a Class A disease in 2006, therefore the medians are calculated from 2006-2007

Summary of Select Reportable Diseases for Cuy. County Board of Health (2008)

Disease Name	Quarter 2* Mar 30-Jun 28	Year to Date	Median Q2, 2003-2007	Median 2003-2007	Min,Max 2003-2007
Amebiasis	0	0	0	1	0,2
Arboviral neuroinvasive and non-neuroinvasive disease (incl. West Nile Virus)	0	0	0	3	1,11
Aseptic Meningitis	3	12	4	33	18,40
Botulism, foodborne	0	0	0	0	0,1
Botulism, infant	0	0	0	0	0,0
Brucellosis	0	0	0	0	0,0
Campylobacteriosis	30	52	25	106	104,114
Coccidiomycosis	1	1	0	0	0,0
Creutzfeldt-Jakob Disease	6	10	2	2	1,7
Cryptosporidiosis	3	5	12	18	4,19
E. Coli O157:H7 and other enterohemorrhagic	0	2	1	11	5,13
Encephalitis, other viral	1	1	1	1	0,4
Encephalitis, post-infection	0	0	0	0	0,1
Giardiasis	18	29	14	58	46,67
Haemophilus influenzae, invasive	2	4	4	9	3,13
Hemolytic Uremic Syndrome (HUS)	0	0	0	1	0,2
Hepatitis A	1	3	1	6	1,13
Hepatitis B, acute	4	8	1	4	2,8
Hepatitis B, chronic	23	53	14	64	33,108
Hepatitis C, acute	0	0	0	0	0,0
Hepatitis C, chronic	89	155	142	426	385,477
Hepatitis E	0	0	0	0	0,2
Legionnaires' disease	2	6	3	29	25,33
Listeriosis	0	1	0	3	1,6
Lyme Disease	5	8	1	4	3,13
Malaria	0	0	0	2	1,4
Meningitis, bacterial (non-Neisseria)	1	1	0	4	1,6
Meningococcal Disease	2	3	3	4	0,6
Mumps	0	0	1	2	1,5
Pertussis	0	8	2	17	3,28
Q Fever	0	0	0	0	0,1
Rocky Mountain Spotted Fever (RMSF)	0	0	0	0	0,1
Salmonellosis	42	58	29	115	93,153
Shigellosis	5	13	3	18	8,27
Streptococcal Disease, Group A, invasive	1	10	5	17	13,17
Streptococcal disease, Group B, newborn	2	3	1	3	2,6
Streptococcal Toxic Shock Syndrome	2	2	1	1	0,3
Streptococcus pneumoniae, invasive, non-resistant or unknown resistance	6	22	10	34	16,45
Streptococcus pneumoniae, invasive, resistant or intermediate resistance	10	22	4	23	8,27
Tetanus	0	0	0	0	0,0
Toxic Shock Syndrome	0	0	0	0	0,1
Toxoplasmosis (congenital)	0	0	0	0	0,0
Trichinosis	0	0	0	0	0,0
Typhoid Fever	0	1	0	1	0,1
Varicella ¹	26	39	83	319	128,509
Vibriosis, other (not cholera)	0	0	0	1	0,4
Yersiniosis	2	2	0	5	0,8

* MMWR Weeks 14-26

¹ Varicella became a Class A disease in 2006, therefore the medians are calculated from 2006-2007

Summary of Select Reportable Diseases for City of Shaker Heights (2008)

Disease Name	Quarter 2* Mar 30-Jun 28	Year to Date	Median Q2, 2003-2007	Median 2003-2007	Min,Max 2003-2007
Amebiasis	0	0	0	0	0,0
Arboviral neuroinvasive and non-neuroinvasive disease (incl. West Nile Virus)	0	0	0	0	0,0
Aseptic Meningitis	0	0	0	0	0,1
Botulism, foodborne	0	0	0	0	0,0
Botulism, infant	0	0	0	0	0,0
Brucellosis	0	0	0	0	0,0
Campylobacteriosis	0	0	2	6	2,8
Coccidiomycosis	0	0	0	0	0,0
Creutzfeldt-Jakob Disease	0	0	0	0	0,0
Cryptosporidiosis	0	0	0	1	0,2
E. Coli O157:H7 and other enterohemorrhagic	0	0	0	0	0,1
Encephalitis, other viral	0	0	0	0	0,1
Encephalitis, post-infection	0	0	0	0	0,0
Giardiasis	2	3	0	5	3,7
Haemophilus influenzae, invasive	0	0	0	0	0,1
Hemolytic Uremic Syndrome (HUS)	0	0	0	0	0,0
Hepatitis A	0	0	0	0	0,3
Hepatitis B, acute	0	0	0	0	0,0
Hepatitis B, chronic	0	0	0	4	0,5
Hepatitis C, acute	0	0	0	0	0,0
Hepatitis C, chronic	2	4	3	13	9,13
Hepatitis E	0	0	0	0	0,1
Legionnaires' disease	1	2	0	0	0,0
Listeriosis	0	0	0	0	0,1
Lyme Disease	0	0	0	0	0,0
Malaria	0	0	0	0	0,1
Meningitis, bacterial (non-Neisseria)	0	0	0	0	0,0
Meningococcal Disease	0	0	0	0	0,0
Mumps	0	0	0	0	0,0
Pertussis	0	0	0	0	0,1
Q Fever	0	0	0	0	0,0
Rocky Mountain Spotted Fever (RMSF)	0	0	0	0	0,0
Salmonellosis	1	1	0	5	1,8
Shigellosis	0	0	0	1	0,3
Streptococcal Disease, Group A, invasive	0	0	0	1	0,1
Streptococcal disease, Group B, newborn	0	0	0	0	0,1
Streptococcal Toxic Shock Syndrome	0	0	0	0	0,0
Streptococcus pneumoniae, invasive, non-resistant or unknown resistance	1	2	0	1	0,3
Streptococcus pneumoniae, invasive, resistant or intermediate resistance	0	0	0	1	0,2
Tetanus	0	0	0	0	0,0
Toxic Shock Syndrome	0	0	0	0	0,0
Toxoplasmosis (congenital)	0	0	0	0	0,0
Trichinosis	0	0	0	0	0,0
Typhoid Fever	0	0	0	0	0,0
Varicella ¹	0	1	1	2	0,3
Vibriosis, other (not cholera)	0	0	0	0	0,1
Yersiniosis	0	0	0	0	0,1

* MMWR Weeks 14-26

¹ Varicella became a Class A disease in 2006, therefore the medians are calculated from 2006-2007

Summary of Select Reportable Diseases for all Cuyahoga County (2008)

Disease Name	Quarter 2* Mar 30-Jun 28	Year to Date	Median Q2, 2003-2007	Median 2003-2007	Min,Max 2003-2007
Amebiasis	0	1	0	1	0,3
Arboviral neuroinvasive and non-neuroinvasive disease (incl. West Nile Virus)	0	0	0	10	3,32
Aseptic Meningitis	9	20	9	60	50,109
Botulism, foodborne	0	0	0	0	0,1
Botulism, infant	0	0	0	0	0,0
Brucellosis	0	0	0	0	0,0
Campylobacteriosis	37	64	34	155	149,159
Coccidiomycosis	1	1	0	0	0,1
Creutzfeldt-Jakob Disease	6	10	0	2	1,7
Cryptosporidiosis	4	7	4	22	6,32
E. Coli O157:H7 and other enterohemorrhagic	1	3	2	14	6,17
Encephalitis, other viral	1	1	1	2	0,4
Encephalitis, post-infection	0	0	0	0	0,3
Giardiasis	22	39	23	87	69,106
Haemophilus influenzae, invasive	3	6	5	14	10,18
Hemolytic Uremic Syndrome (HUS)	0	0	0	1	0,2
Hepatitis A	1	5	1	8	3,21
Hepatitis B, acute	8	19	5	27	22,33
Hepatitis B, chronic	47	100	55	190	84,210
Hepatitis C, acute	0	3	0	2	0,8
Hepatitis C, chronic	216	406	359	1253	959,1329
Hepatitis E	0	0	0	0	0,2
Legionnaires' disease	8	14	6	46	43,56
Listeriosis	0	2	1	5	3,8
Lyme Disease	5	10	1	4	3,15
Malaria	0	0	0	4	2,5
Meningitis, bacterial (non-Neiseria)	6	9	2	9	7,13
Meningococcal Disease	3	5	3	8	6,8
Mumps	0	0	8	4	1,6
Pertussis	0	8	17	23	7,34
Q Fever	0	0	1	0	0,1
Rocky Mountain Spotted Fever (RMSF)	0	0	0	1	0,1
Salmonellosis	55	74	43	163	149,221
Shigellosis	12	46	7	30	19,95
Streptococcal Disease, Group A, invasive	5	18	13	29	23,34
Streptococcal disease, Group B, newborn	3	5	3	11	5,14
Streptococcal Toxic Shock Syndrome	4	4	1	3	1,5
Streptococcus pneumoniae, invasive, non-resistant or unknown resistance	11	31	19	61	45,76
Streptococcus pneumoniae, invasive, resistant or intermediate resistance	15	35	6	34	21,43
Tetanus	0	0	0	0	0,0
Toxic Shock Syndrome	0	0	0	0	0,1
Toxoplasmosis (congenital)	0	0	0	0	0,0
Trichinosis	0	0	0	0	0,0
Typhoid Fever	0	1	0	1	0,1
Varicella ¹	35	52	111	390	197,583
Vibriosis, other (not cholera)	0	0	0	1	1,4
Yersiniosis	5	6	0	10	1,14

* MMWR Weeks 14-26

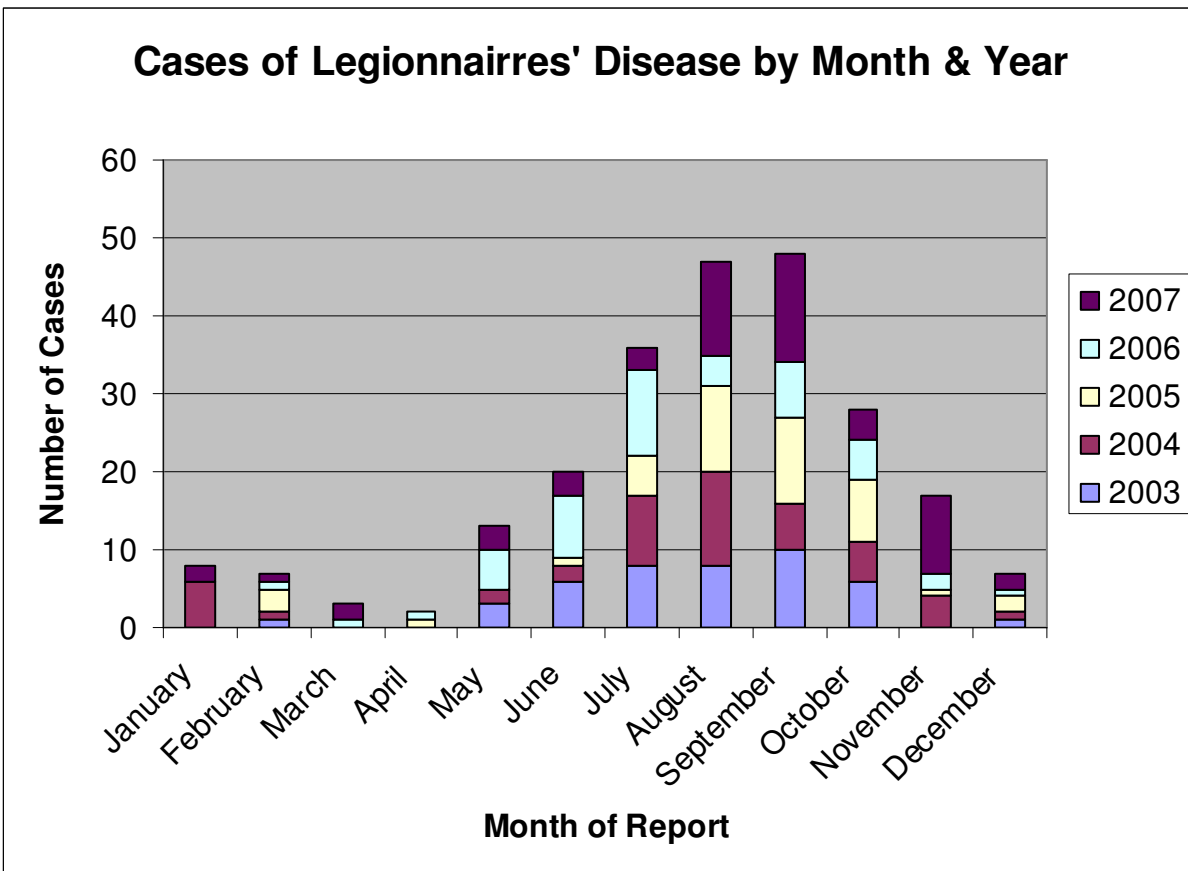
¹ Varicella became a Class A disease in 2006, therefore the medians are calculated from 2006-2007

Seasonal Trends of Legionnaires' Disease Reports for Cuyahoga County

Due to a perceived increase in reports of Legionnaires' disease in July, historical data was reviewed for the county. Historical data shows a yearly increase of Legionnaires' disease during the summer and fall months. Therefore, it seems like the recent increase in reporting is not above what would be expected for this time of year. The local health department interviews cases or their family members in order to identify potential high-risk exposures and commonalities among cases. High risk exposures are referred to Environmental Health as appropriate. Two or more cases with the same exposure would be considered an outbreak and would prompt additional investigation by the local health department. Suspected outbreaks should be reported to the local health department.

Cases of Legionnaires' Disease Reported in Cuyahoga County, 2003-2007

Month of Report	2003	2004	2005	2006	2007	Mean	Median
January	0	6	0	0	2	1.6	0
February	1	1	3	1	1	1.4	1
March	0	0	0	1	2	0.6	0
April	0	0	1	1	0	0.4	0
May	3	2	0	5	3	2.6	3
June	6	2	1	8	3	4	3
July	8	9	5	11	3	7.2	8
August	8	12	11	4	12	9.4	11
September	10	6	11	7	14	9.6	10
October	6	5	8	5	4	5.6	5
November	0	4	1	2	10	3.4	2
December	1	1	2	1	2	1.4	1
Total	43	48	43	46	56	47.2	46



Technical Notes

Data reflect incidence for Cuyahoga County residents only, but include diseases acquired by Ohio residents while traveling outside of Cuyahoga County. Data is shown by date reported.

Data includes confirmed, probable and suspected cases based on case definitions determined by the Centers for Disease Control and Prevention (online at http://www.cdc.gov/ncphi/diss/nnds/casedef/case_definitions.htm). For diseases that do not have a current CDC case definition, cases were determined using criteria from the Ohio Department of Health (ODH) Infectious disease Control Manual (IDCM). The IDCM can be found online at <http://www.odh.ohio.gov/healthresources/infectiousdiseasemanual.aspx>.

This report includes both quarter-specific and year-through-quarter cumulative frequencies for each disease. Quarter is determined by the MMWR week the case was reported to the local health department. This report includes only Class A reportable diseases. Data were reported to the Ohio Department of Health via the Ohio Disease Reporting System. Some reportable conditions may be under investigation. Therefore, all data in this report are provisional.