

MIDLAND COUNTY DEPARTMENT OF PUBLIC HEALTH
2008 ANNUAL COMMUNICABLE DISEASE REPORT

3 YEAR HISTORY OF REPORTED DISEASES IN MIDLAND COUNTY

Case Status: Confirmed, Probable

<u>Disease Group</u>	<u>Disease</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
AIDS/HIV	AIDS, Aggregate	1	0	1
Foodborne	Campylobacter	15	16	16
Foodborne	Cryptosporidiosis	5	7	13
Foodborne	Escherichia coli 0157:H7	2	0	0
Foodborne	Giardiasis	14	12	6
Foodborne	Listeriosis	0	2	0
Foodborne	Salmonellosis	11	12	8
Foodborne	Shiga toxin, E. Coli, Non O157	0	1	0
Foodborne	Shiga toxin, E. Coli, Unsp	0	3	3
Foodborne	Shigellosis	0	1	1
Foodborne	Typhoid Fever	0	0	1
Foodborne	Yersinia enteritis	1	0	0
Meningitis	Meningitis - Aseptic	12	10	10
Meningitis	Meningitis - Bacterial Other	1	2	4
Meningitis	Meningococcal Disease	1	0	1
Meningitis	Streptococcus pneumoniae, Inv	0	2	0
Other	Brucellosis	0	1	0
Other	Coccidioidomycosis	2	1	1
Other	Cryptococcosis	0	0	1
Other	Encephalitis, Post Other	0	1	0
Other	Encephalitis, Primary	1	0	0
Other	Histoplasmosis	5	4	2
Other	Kawasaki	1	0	0
Other	Legionellosis	1	2	0
Other	Leptospirosis	1	0	0
Other	Streptococcal Dis, Inv, Grp A	2	1	1
Other	Streptococcal Toxic Shock	1	0	0
Other	Toxic Shock	0	1	0
Other	Unusual Outbreak or Occurrence	0	0	6 *
Rabies	Rabies Animal	0	2	2
STD	Chlamydia (Genital)	141	113	98
STD	Gonorrhea	17	16	19
STD	Syphilis - Late with Manifestations	1	0	0
STD	Syphilis - Latent of Unknown Duration	0	0	1
VPD	Chickenpox (Varicella)	163	30	43
VPD	Pertussis	5	2	6
Vectorborne	Dengue Fever	0	1	0
Vectorborne	Lyme Disease	1	0	0
Vectorborne	Malaria	1	0	0
Viral Hepatitis	Hepatitis A	0	1	0
Viral Hepatitis	Hepatitis B, Chronic	8	7	8
Viral Hepatitis	Hepatitis C, Acute	0	2	1
Viral Hepatitis	Hepatitis C, Chronic	54	48	46

* This number of Unusual Outbreak or Occurrence cases (6) reflects 4 school reports of conjunctivitis (included 9 individuals), 1 school report of hand, foot and mouth disease (included 3 individuals), and 1 norovirus outbreak (included 3 laboratory confirmed cases). This does not reflect the number of infected individuals in the outbreak nor does it reflect the number of norovirus outbreaks in Midland County.

Notes and Observed Trends:

Chickenpox (Varicella)

- 74% decrease in number of cases since 2006. Of 43 cases reported in 2008 1 case received 2 doses of varicella vaccine and 28 cases received 1 dose of varicella vaccine. Recommendations for receiving a 2nd dose at age 4-6 years started in June 2007.
- Average age of reported cases- 6.9 years, median age- 7 years, age range- 8 mo.-18 years.
- Probable chickenpox cases are reported primarily by schools and healthcare providers.

Foodborne Illnesses

- 48 total reported cases in 2006, 54 total in 2007, 48 total in 2008.
- 160% increase in Cryptosporidiosis cases since 2006.
- 57% decrease in Giardia cases since 2006.
- Confirmed foodborne illness cases are reported primarily by laboratories.

Chlamydia

- 31% decrease in number of cases since 2006.
- Confirmed chlamydia cases are primarily reported by laboratories.