

**MIDLAND COUNTY DEPARTMENT OF PUBLIC HEALTH
2010 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>2008</u>	<u>2009</u>	<u>2010</u>
Foodborne	Amebiasis	0	0	1
Foodborne	Campylobacter	16	11	26
Foodborne	Cryptosporidiosis	13	5	7
Foodborne	Giardiasis	6	3	6
Foodborne	Salmonellosis	8	7	6
Foodborne	Shiga toxin-producing Escherichia coli --(STEC)	3	8	0
Foodborne	Shigellosis	1	4	3
Foodborne	Typhoid Fever	1	0	0
Influenza	Influenza	6	36	1 *
Meningitis	Meningitis - Aseptic	10	7	10
Meningitis	Meningitis - Bacterial Other	4	2	0
Meningitis	Meningococcal Disease	1	0	0
Meningitis	Streptococcus pneumoniae, Inv	0	5	1
Other	Coccidioidomycosis	1	0	1
Other	Cryptococcosis	1	0	1
Other	Guillain-Barre Syndrome	0	3	1
Other	Hemolytic Uremic Syndrome	0	2	1
Other	Histoplasmosis	2	0	3
Other	Kawasaki	0	1	1
Other	Streptococcal Dis, Inv, Grp A	1	2	1
Other	Streptococcal Toxic Shock	0	1	2
Other	Unusual Outbreak or Occurrence	11	4	3
Rabies	Rabies Animal	1	0	1
STD	Chlamydia (Genital)	99	118	181
STD	Gonorrhea	19	28	21
STD	Syphilis - Latent of Unknown Duration	1	0	0
STD	Syphilis - Primary	0	1	0
STD	Syphilis - Secondary	0	0	1
Tuberculosis	Tuberculosis	0	1	0
VPD	Chickenpox (Varicella)	43	25	18
VPD	Mumps	0	0	1
VPD	Pertussis	6	39	5
Viral Hepatitis	Hepatitis B, Chronic	8	6	12
Viral Hepatitis	Hepatitis C, Acute	1	0	4
Viral Hepatitis	Hepatitis C, Chronic	46	37	56

* Influenza testing is done on only a small number of cases. It is likely that this report vastly under-estimates the true prevalence of Influenza in Midland County.

Notes and Observed Trends

Campylobacter

- In 2010 Midland County Department of Public Health investigated 1 outbreak involving 6 cases of Campylobacter that were possibly related to a common recreational venue.

Chlamydia

- 53% increase in Chlamydia cases since 2009.

Pertussis

- Of the 5 pertussis cases reported in 2010 3 cases were fully vaccinated relative to their age.

Hepatitis C, Acute and Chronic

- Hepatitis C cases are reported primarily by laboratories and health care providers. Reporting of patient risk factors is requested but not required. Risk factors include injection drug use (most common), receipt of blood, blood products and organs (rare since blood screening became available in 1992), needlestick injuries in healthcare settings, and birth to an infected mother.
- 60 new cases of Hepatitis C, acute and chronic, were reported in 2010.
- 30 of these reports were in the age range of 16-29 years, 20 of which included risk factor information. 18 of the 20 cases reported ever injecting drugs not prescribed by a doctor.

Chickenpox (Varicella)

- 58% decrease in number of cases since 2008. Of the 18 cases reported in 2010, 7 case were fully vaccinated: 13 cases were age 4 years and older, 5 of which received 2 doses of varicella vaccine. 3 cases were age 1-3 years, 2 of which received 1 dose of varicella vaccine.