

# Monthly Reportable Disease Report

## January 2007



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

The data in the Monthly Disease Report are provisional, based on current reports in the Michigan Disease Surveillance System (MDSS) made by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. The Monthly Disease Report reflects this constant activity as the numbers may slightly fluctuate each month. Therefore, it should be kept in mind that numbers in the Monthly Disease Report are NOT final and should be used only to generally monitor trends over time. Suspected, probable or laboratory confirmed cases of the reportable condition are included in the report.

Specific data requests and questions should be directed towards:

Brian Bieber MS, MPH  
OCHD Epidemiologist  
[bbieber@co.ottawa.mi.us](mailto:bbieber@co.ottawa.mi.us)  
(616)393-5757



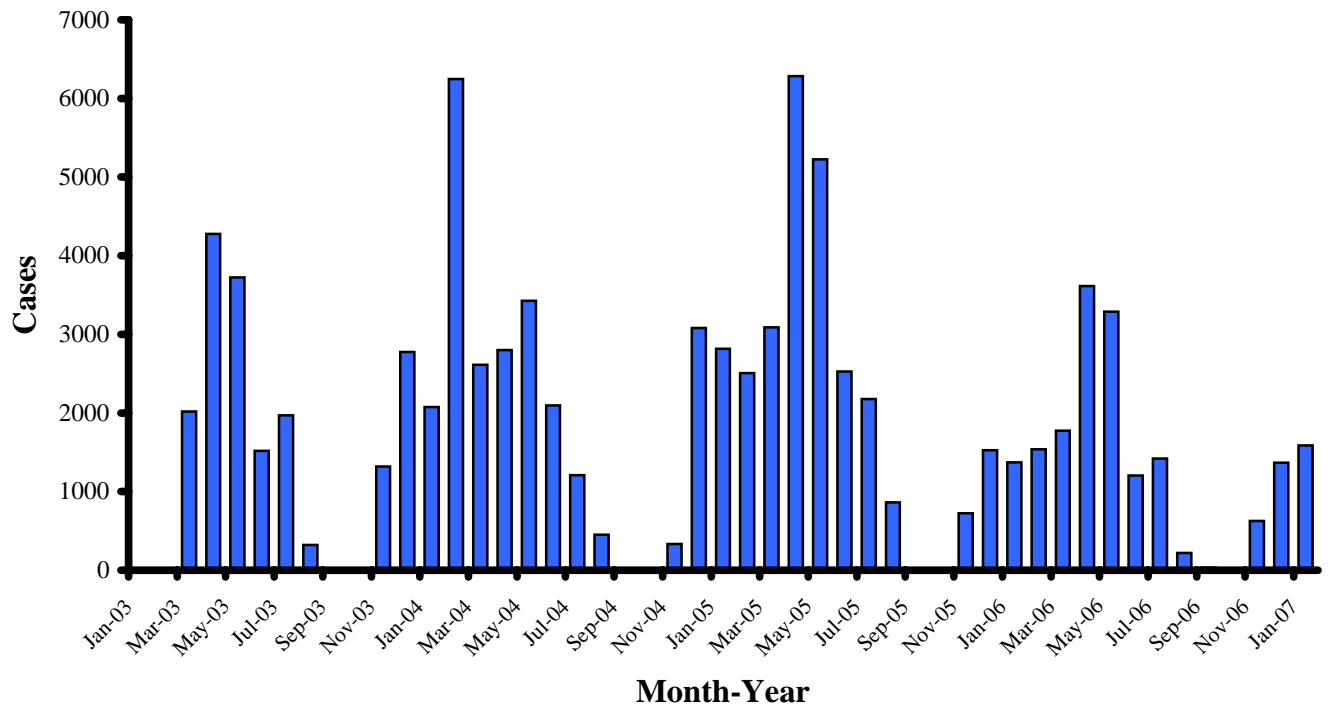
Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Oct-06	Nov-06	Dec-06	Jan-07	2004	2005	2006	2007
Other	Leptospirosis	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-
	Q Fever	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-
	Rheumatic Fever	-	-	-	-	-	-	-	-
	Rubella - Congenital	-	-	-	-	-	-	-	-
	Toxic Shock	-	-	-	-	1	-	-	-
	Trachoma	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-
	Unusual Outbreak or Occurrence	-	-	-	-	1	-	9	-
	Subtotal		1368	1589	1292	<b>2080</b>	21361	25343	16451
STD	Chancroid	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	38	33	39	<b>48</b>	503	428	510	48
	Gonorrhea	7	10	2	<b>4</b>	67	62	66	4
	Granuloma Inguinale	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-
	Syphilis - Congenital	-	-	-	-	-	-	-	-
	Syphilis - Early Latent	-	-	-	-	-	-	-	-
	Syphilis - Late Latent	-	-	-	-	-	-	-	-
	Syphilis - Late with Manifestations	-	-	-	-	-	-	-	-
	Syphilis - Latent of Unknown Duration	-	-	-	-	-	3	1	-
	Syphilis - Primary	-	-	-	-	-	1	-	-
	Syphilis - Secondary	-	-	-	<b>1</b>	-	-	1	1
Subtotal		45	43	41	<b>53</b>	570	494	578	53
VPD	Chickenpox (Varicella)	12	21	11	<b>18</b>	181	145	299	18
	Diphtheria	-	-	-	-	-	-	-	-
	H. influenzae Disease - Inv.	-	-	-	-	-	2	2	-
	Measles	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-
	Pertussis	-	-	1	-	4	8	5	-
	Polio	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-
	Tetanus	-	-	-	-	-	-	-	-
	Subtotal		12	21	12	<b>18</b>	185	155	306
Vectorborne	Dengue Fever	-	-	-	-	-	-	1	-
	Ehrlichiosis	-	-	-	-	-	-	-	-
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-
	Lyme Disease	-	-	-	-	1	4	4	-

Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Oct-06	Nov-06	Dec-06	Jan-07	2004	2005	2006	2007
Vectorborne	Malaria	-	-	-	-	1	-	-	-
	Rocky Mt Spotted Fever	-	-	-	-	-	-	-	-
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	1	2	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	2	5	7	-
Viral Hepatitis	Hepatitis A	-	-	-	-	1	5	-	-
	Hepatitis B, Acute	-	-	-	-	1	2	1	-
	Hepatitis B, Chronic	2	3	1	-	2	32	36	-
	Hepatitis B, Perinatal	-	-	-	-	-	-	1	-
	Hepatitis C, Acute	-	-	-	<b>1</b>	-	1	1	1
	Hepatitis C, Chronic	9	8	3	<b>5</b>	38	85	88	5
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	11	11	4	<b>6</b>	42	125	127	6
<b>Total</b>	1449	1671	1357	<b>2166</b>	22265	26250	17606	2166	

\* Data for cases reported in last four months is based on week case was referred to the health department

\*\* Data for cases reported in last 4 years is for entire year except for current year which is year to date

**Flu-Like Illness Cases in Ottawa County by Month  
2006-2007**



# Monthly Reportable Disease Report

## February 2007



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

The data in the Monthly Disease Report are provisional, based on current reports in the Michigan Disease Surveillance System (MDSS) made by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. The Monthly Disease Report reflects this constant activity as the numbers may slightly fluctuate each month. Therefore, it should be kept in mind that numbers in the Monthly Disease Report are NOT final and should be used only to generally monitor trends over time. Suspected, probable or laboratory confirmed cases of the reportable condition are included in the report.

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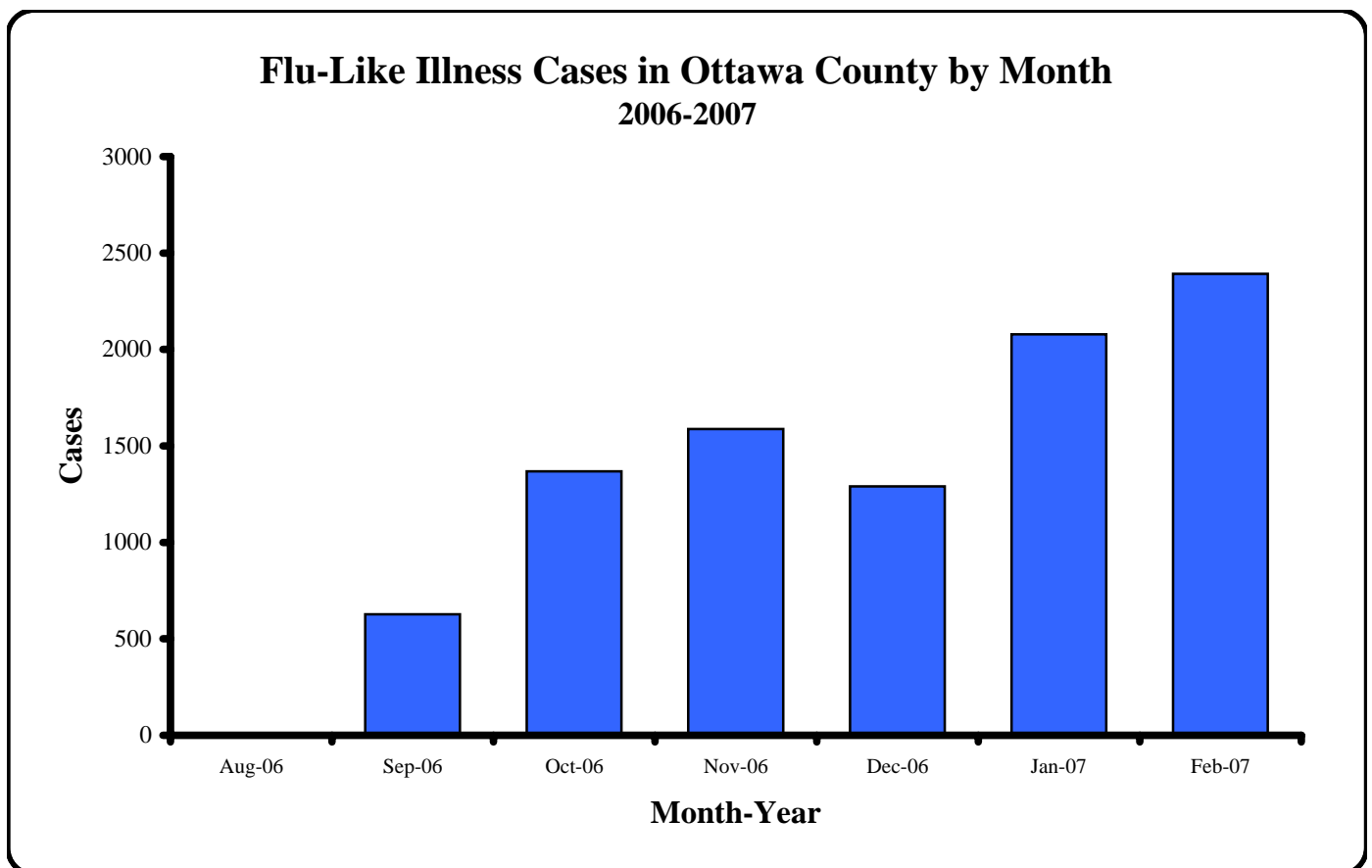


Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Nov-06	Dec-06	Jan-07	Feb-07	2004	2005	2006	2007
Other	Leptospirosis	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-
	Q Fever	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-
	Rheumatic Fever	-	-	-	-	-	-	-	-
	Rubella - Congenital	-	-	-	-	-	-	-	-
	Toxic Shock	-	-	-	-	1	-	-	-
	Trachoma	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-
	Unusual Outbreak or Occurrence	-	-	-	-	1	-	9	-
	Subtotal		1589	1292	2080	2394	21361	25343	16451
STD	Chancroid	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	33	39	48	32	503	428	510	80
	Gonorrhea	10	2	4	4	67	62	66	8
	Granuloma Inguinale	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-
	Syphilis - Congenital	-	-	-	-	-	-	-	-
	Syphilis - Early Latent	-	-	-	-	-	-	-	-
	Syphilis - Late Latent	-	-	-	-	-	-	-	-
	Syphilis - Late with Manifestations	-	-	-	-	-	-	-	-
	Syphilis - Latent of Unknown Duration	-	-	-	-	-	3	1	-
	Syphilis - Primary	-	-	-	-	-	1	-	-
	Syphilis - Secondary	-	-	1	-	-	-	1	1
Subtotal		43	41	53	36	570	494	578	89
VPD	Chickenpox (Varicella)	21	11	18	11	181	145	299	29
	Diphtheria	-	-	-	-	-	-	-	-
	H. influenzae Disease - Inv.	-	-	-	-	-	2	2	-
	Measles	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-
	Pertussis	-	1	-	-	4	8	5	-
	Polio	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-
	Tetanus	-	-	-	-	-	-	-	-
	Subtotal		21	12	18	11	185	155	306
Vectorborne	Dengue Fever	-	-	-	-	-	-	1	-
	Ehrlichiosis	-	-	-	-	-	-	-	-
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-
	Lyme Disease	-	-	-	-	1	4	4	-

Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Nov-06	Dec-06	Jan-07	Feb-07	2004	2005	2006	2007
<b>Vectorborne</b>	Malaria	-	-	-	-	1	-	-	-
	Rocky Mt Spotted Fever	-	-	-	-	-	-	-	-
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	1	2	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	2	5	7	-
<b>Viral Hepatitis</b>	Hepatitis A	-	-	-	-	1	5	-	-
	Hepatitis B, Acute	-	-	-	-	1	2	1	-
	Hepatitis B, Chronic	3	1	-	1	2	32	36	1
	Hepatitis B, Perinatal	-	-	-	-	-	-	1	-
	Hepatitis C, Acute	-	-	1	1	-	1	1	2
	Hepatitis C, Chronic	8	3	5	8	38	85	88	13
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	11	4	6	10	42	125	127	16
	<b>Total</b>	1671	1357	2166	2458	22265	26250	17606	4624

\* Data for cases reported in last four months is based on week case was referred to the health department

\*\* Data for cases reported in last 4 years is for entire year except for current year which is year to date





# Monthly Reportable Disease Report

## March 2007



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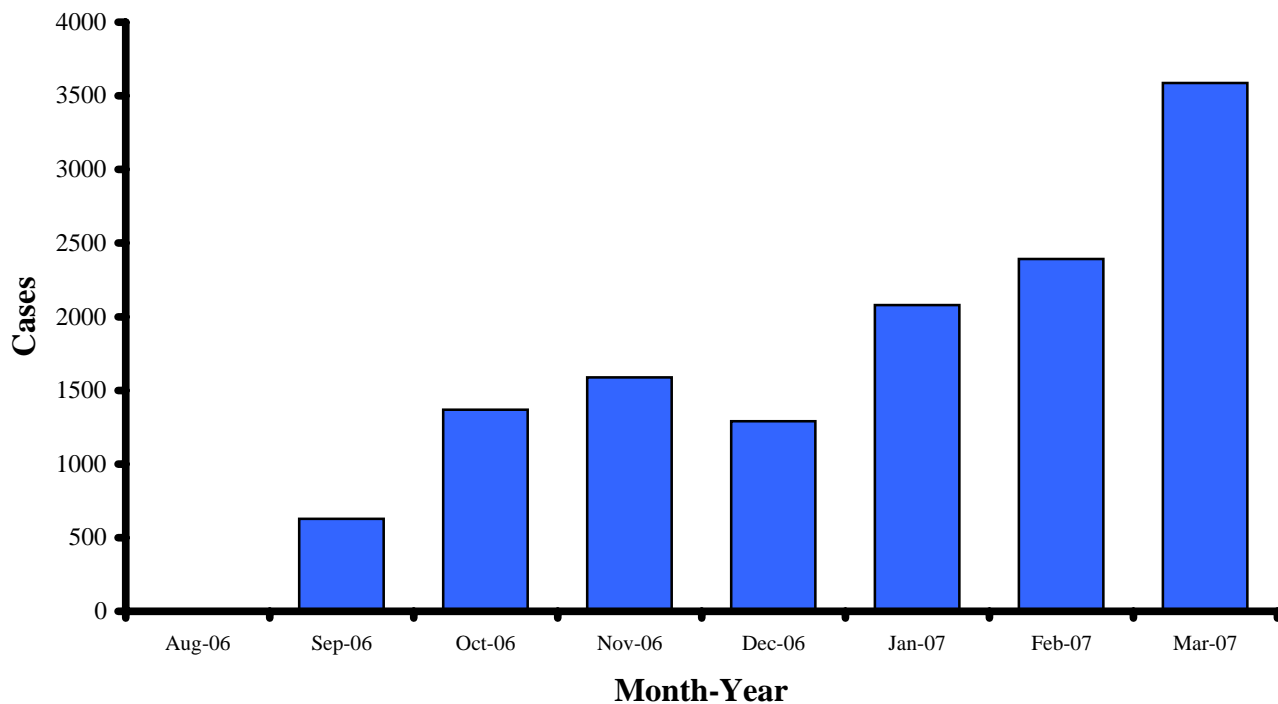
Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**				
		Mar-07	Apr-07	May-07	Jun-07	2004	2005	2006	2007	
Other	Leptospirosis	-	-	-	-	-	-	-	-	
	Plague	-	-	-	-	-	-	-	-	
	Psittacosis	-	-	-	-	-	-	-	-	
	Q Fever	-	-	-	-	-	-	-	-	
	Rabies Human	-	-	-	-	-	-	-	-	
	Reye Syndrome	-	-	-	-	-	-	-	-	
	Rheumatic Fever	-	-	-	-	-	-	-	-	
	Rubella - Congenital	-	-	-	-	-	-	-	-	
	Toxic Shock	-	-	-	-	1	-	-	-	
	Trachoma	-	-	-	-	-	-	-	-	
	Trichinosis	-	-	-	-	-	-	-	-	
	Tularemia	-	-	-	-	-	-	-	-	
	Unusual Outbreak or Occurrence	-	-	-	-	1	-	9	-	
	Subtotal		1292	2080	2394	3592	21361	25343	16451	8066
	STD	Chancroid	-	-	-	-	-	-	-	-
Chlamydia (Genital)		39	48	32	36	503	428	510	116	
Gonorrhea		2	4	4	1	67	62	66	9	
Granuloma Inguinale		-	-	-	-	-	-	-	-	
Lymphogranuloma venereum		-	-	-	-	-	-	-	-	
Syphilis - Congenital		-	-	-	-	-	-	-	-	
Syphilis - Early Latent		-	-	-	-	-	-	-	-	
Syphilis - Late Latent		-	-	-	-	-	-	-	-	
Syphilis - Late with Manifestations		-	-	-	-	-	-	-	-	
Syphilis - Latent of Unknown Duration		-	-	-	-	-	3	1	-	
Syphilis - Primary		-	-	-	-	-	1	-	-	
Syphilis - Secondary		-	1	-	-	-	-	1	1	
Subtotal			41	53	36	37	570	494	578	126
VPD	Chickenpox (Varicella)	11	18	11	16	181	145	299	45	
	Diphtheria	-	-	-	-	-	-	-	-	
	H. influenzae Disease - Inv.	-	-	-	-	-	2	2	-	
	Measles	-	-	-	-	-	-	-	-	
	Mumps	-	-	-	-	-	-	-	-	
	Pertussis	1	-	-	-	4	8	5	-	
	Polio	-	-	-	-	-	-	-	-	
	Rubella	-	-	-	-	-	-	-	-	
	Tetanus	-	-	-	-	-	-	-	-	
	Subtotal		12	18	11	16	185	155	306	45
Vectorborne	Dengue Fever	-	-	-	-	-	-	1	-	
	Ehrlichiosis	-	-	-	-	-	-	-	-	
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-	
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-	
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-	
	Encephalitis, California	-	-	-	-	-	-	-	-	
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	
	Lyme Disease	-	-	-	-	1	4	4	-	

Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Mar-07	Apr-07	May-07	Jun-07	2004	2005	2006	2007
Vectorborne	Malaria	-	-	-	-	1	-	-	-
	Rocky Mt Spotted Fever	-	-	-	-	-	-	-	-
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	1	2	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	-	2	5	7	-
Viral Hepatitis	Hepatitis A	-	-	-	-	1	5	-	-
	Hepatitis B, Acute	-	-	-	<b>1</b>	1	2	1	1
	Hepatitis B, Chronic	1	-	1	<b>3</b>	2	32	36	4
	Hepatitis B, Perinatal	-	-	-	-	-	-	1	-
	Hepatitis C, Acute	-	1	1	-	-	1	1	2
	Hepatitis C, Chronic	3	5	8	<b>8</b>	38	85	88	21
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	4	6	10	<b>12</b>	42	125	127	28
	<b>Total</b>	1357	2166	2458	<b>3667</b>	22265	26250	17606	8291

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### Flu-Like Illness Cases in Ottawa County by Month 2006-2007



# Monthly Reportable Disease Report

## April 2007



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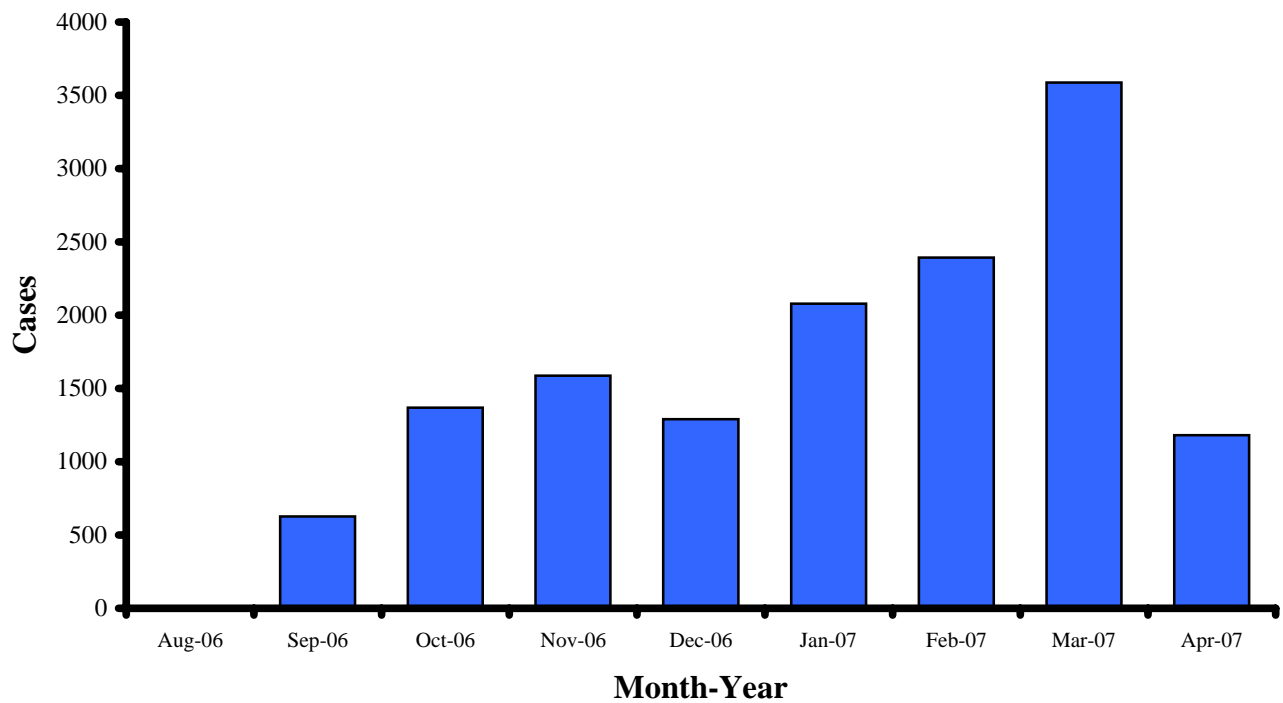
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	Plague	-	-	-	-	-	-	-	-	
	Psittacosis	-	-	-	-	-	-	-	-	
	Q Fever	-	-	-	-	-	-	-	-	
	Rabies Human	-	-	-	-	-	-	-	-	
	Reye Syndrome	-	-	-	-	-	-	-	-	
	Rheumatic Fever	-	-	-	-	-	-	-	-	
	Rubella - Congenital	-	-	-	-	-	-	-	-	
	Toxic Shock	-	-	-	-	1	-	-	-	
	Trachoma	-	-	-	-	-	-	-	-	
	Trichinosis	-	-	-	-	-	-	-	-	
	Tularemia	-	-	-	-	-	-	-	-	
	Unusual Outbreak or Occurrence	-	-	-	-	1	-	9	-	
	Subtotal		2080	2394	3592	1182	21361	25343	16451	9248
	STD	Chancroid	-	-	-	-	-	-	-	-
Chlamydia (Genital)		48	32	36	38	503	428	510	154	
Gonorrhea		4	4	1	5	67	62	66	14	
Granuloma Inguinale		-	-	-	-	-	-	-	-	
Lymphogranuloma venereum		-	-	-	-	-	-	-	-	
Syphilis - Congenital		-	-	-	-	-	-	-	-	
Syphilis - Early Latent		-	-	-	-	-	-	-	-	
Syphilis - Late Latent		-	-	-	-	-	-	-	-	
Syphilis - Late with Manifestations		-	-	-	-	-	-	-	-	
Syphilis - Latent of Unknown Duration		-	-	-	-	-	3	1	-	
Syphilis - Primary		-	-	-	-	-	1	-	-	
Syphilis - Secondary		1	-	-	-	-	-	1	1	
Subtotal			53	36	37	43	570	494	578	169
VPD	Chickenpox (Varicella)	18	11	16	16	181	145	299	61	
	Diphtheria	-	-	-	-	-	-	-	-	
	H. influenzae Disease - Inv.	-	-	-	-	-	2	2	-	
	Measles	-	-	-	-	-	-	-	-	
	Mumps	-	-	-	-	-	-	-	-	
	Pertussis	-	-	-	1	4	8	5	1	
	Polio	-	-	-	-	-	-	-	-	
	Rubella	-	-	-	-	-	-	-	-	
	Tetanus	-	-	-	-	-	-	-	-	
	Subtotal		18	11	16	17	185	155	306	62
Vectorborne	Dengue Fever	-	-	-	-	-	-	1	-	
	Ehrlichiosis	-	-	-	-	-	-	-	-	
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-	
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-	
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-	
	Encephalitis, California	-	-	-	-	-	-	-	-	
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	
	Lyme Disease	-	-	-	-	1	4	4	-	

Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Mar-07	Apr-07	May-07	Jun-07	2004	2005	2006	2007
Vectorborne	Malaria	-	-	-	-	1	-	-	-
	Rocky Mt Spotted Fever	-	-	-	1	-	-	-	1
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	1	2	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	-	-	-	1	2	5	7	1
Viral Hepatitis	Hepatitis A	-	-	-	1	1	5	-	1
	Hepatitis B, Acute	-	-	1	-	1	2	1	1
	Hepatitis B, Chronic	-	1	3	1	2	32	36	5
	Hepatitis B, Perinatal	-	-	-	-	-	-	1	-
	Hepatitis C, Acute	1	1	-	1	-	1	1	3
	Hepatitis C, Chronic	5	8	8	8	38	85	88	29
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	6	10	12	11	42	125	127	39
	<b>Total</b>	2166	2458	3667	1259	22265	26250	17606	9550

\* Data for cases reported in last four months is based on week case was referred to the health department

\*\* Data for cases reported in last 4 years is for entire year except for current year which is year to date

**Flu-Like Illness Cases in Ottawa County by Month  
2006-2007**





# Monthly Reportable Disease Report

## May 2007



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

The data in the Monthly Disease Report are provisional, based on current reports in the Michigan Disease Surveillance System (MDSS) made by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. The Monthly Disease Report reflects this constant activity as the numbers may slightly fluctuate each month. Therefore, it should be kept in mind that numbers in the Monthly Disease Report are NOT final and should be used only to generally monitor trends over time. Suspected, probable or laboratory confirmed cases of the reportable condition are included in the report.

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[bbieber@co.ottawa.mi.us](mailto:bbieber@co.ottawa.mi.us)  
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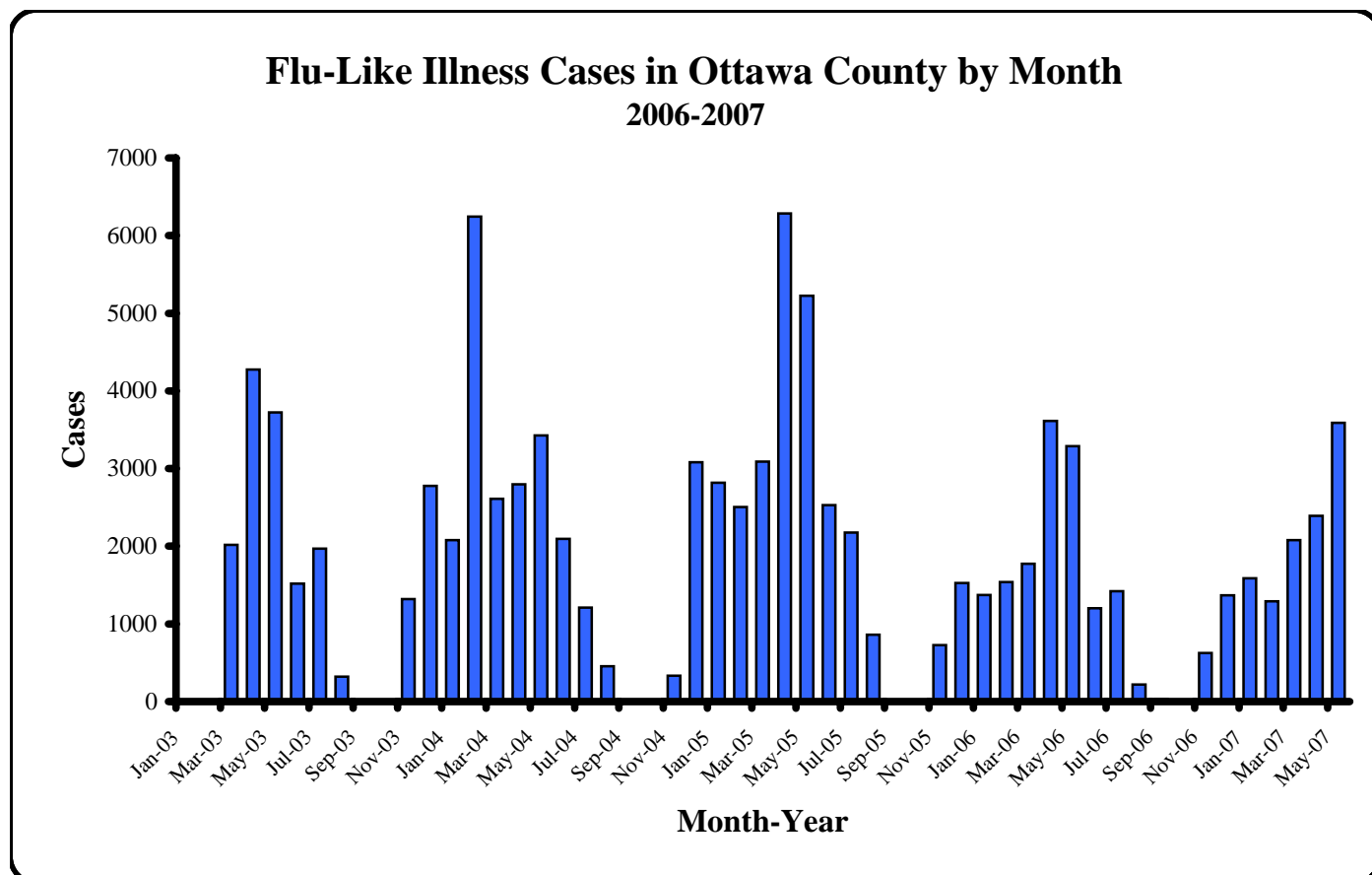


Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Mar-07	Apr-07	May-07	Jun-07	2004	2005	2006	2007
Other	Leptospirosis	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-
	Q Fever	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-
	Rheumatic Fever	-	-	-	-	-	-	-	-
	Rubella - Congenital	-	-	-	-	-	-	-	-
	Toxic Shock	-	-	-	-	1	-	-	-
	Trachoma	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-
	Unusual Outbreak or Occurrence	-	-	-	-	1	-	9	-
	Subtotal		2394	3592	1182	1590	21361	25343	16451
STD	Chancroid	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	32	36	38	35	503	428	510	189
	Gonorrhea	4	1	5	3	67	62	66	17
	Granuloma Inguinale	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-
	Syphilis - Congenital	-	-	-	-	-	-	-	-
	Syphilis - Early Latent	-	-	-	-	-	-	-	-
	Syphilis - Late Latent	-	-	-	-	-	-	-	-
	Syphilis - Late with Manifestations	-	-	-	-	-	-	-	-
	Syphilis - Latent of Unknown Duration	-	-	-	-	-	3	1	-
	Syphilis - Primary	-	-	-	-	-	1	-	-
	Syphilis - Secondary	-	-	-	-	-	-	1	1
Subtotal		36	37	43	38	570	494	578	207
VPD	Chickenpox (Varicella)	11	16	16	25	181	145	299	86
	Diphtheria	-	-	-	-	-	-	-	-
	H. influenzae Disease - Inv.	-	-	-	-	-	2	2	-
	Measles	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-
	Pertussis	-	-	1	-	4	8	5	1
	Polio	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-
	Tetanus	-	-	-	-	-	-	-	-
	Subtotal		11	16	17	25	185	155	306
Vectorborne	Dengue Fever	-	-	-	-	-	-	1	-
	Ehrlichiosis	-	-	-	-	-	-	-	-
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-
	Lyme Disease	-	-	-	-	1	4	4	-

Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Mar-07	Apr-07	May-07	Jun-07	2004	2005	2006	2007
<b>Vectorborne</b>	Malaria	-	-	-	-	1	-	-	-
	Rocky Mt Spotted Fever	-	-	1	-	-	-	-	1
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	1	2	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	-	-	1	-	2	5	7	1
<b>Viral Hepatitis</b>	Hepatitis A	-	-	1	-	1	5	-	1
	Hepatitis B, Acute	-	1	-	-	1	2	1	1
	Hepatitis B, Chronic	1	3	1	3	2	32	36	8
	Hepatitis B, Perinatal	-	-	-	-	-	-	1	-
	Hepatitis C, Acute	1	-	1	-	-	1	1	3
	Hepatitis C, Chronic	8	8	8	6	38	85	88	35
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	10	12	11	9	42	125	127	48
	<b>Total</b>	2458	3667	1259	1674	22265	26250	17606	11224

\* Data for cases reported in last four months is based on week case was referred to the health department

\*\* Data for cases reported in last 4 years is for entire year except for current year which is year to date







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# Monthly Reportable Disease Report

## June 2007



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

The data in the Monthly Disease Report are provisional, based on current reports in the Michigan Disease Surveillance System (MDSS) made by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. The Monthly Disease Report reflects this constant activity as the numbers may slightly fluctuate each month. Therefore, it should be kept in mind that numbers in the Monthly Disease Report are NOT final and should be used only to generally monitor trends over time. Suspected, probable or laboratory confirmed cases of the reportable condition are included in the report.

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[bbieber@co.ottawa.mi.us](mailto:bbieber@co.ottawa.mi.us)  
(616)393-5757





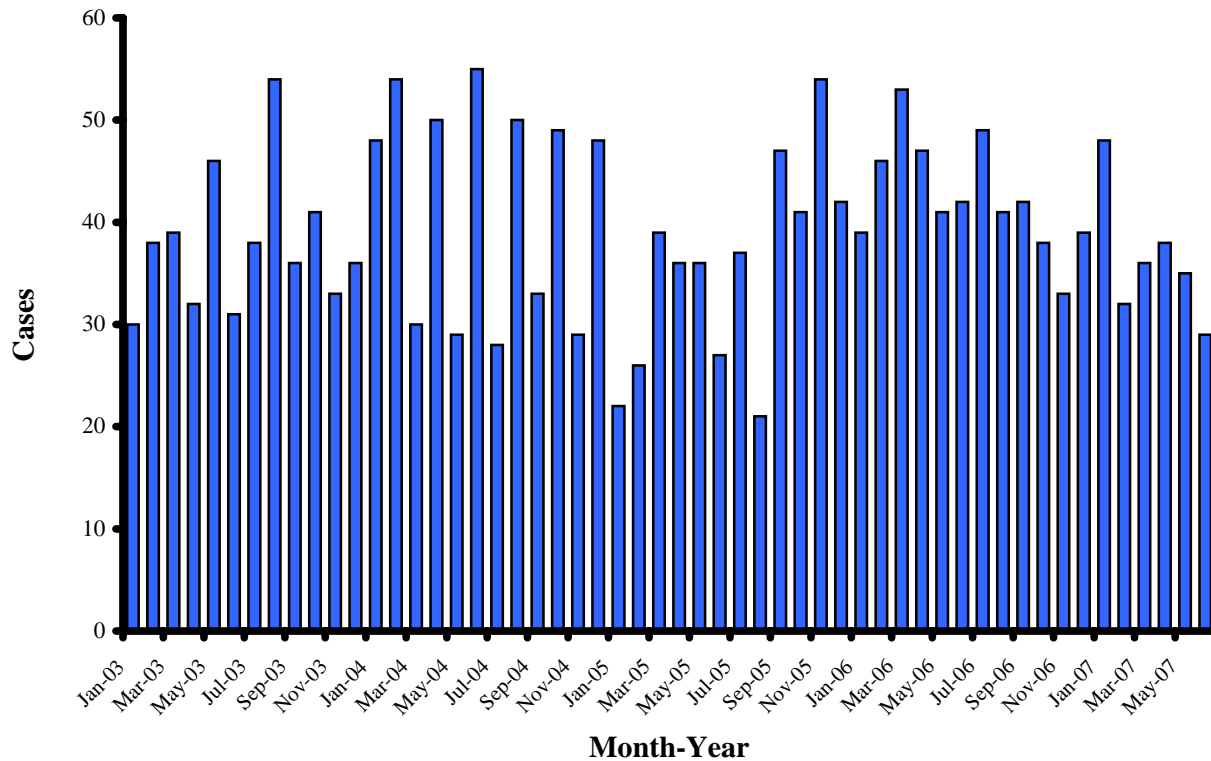
Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Mar-07	Apr-07	May-07	Jun-07	2004	2005	2006	2007
Other	Leptospirosis	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-
	Q Fever	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-
	Rheumatic Fever	-	-	-	-	-	-	-	-
	Rubella - Congenital	-	-	-	-	-	-	-	-
	Toxic Shock	-	-	-	-	1	-	-	-
	Trachoma	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-
	Unusual Outbreak or Occurrence	-	-	-	-	1	-	9	-
	Subtotal		3592	1182	1590	364	21361	25343	16451
STD	Chancroid	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	36	38	35	29	503	428	510	218
	Gonorrhea	1	5	3	4	67	62	66	21
	Granuloma Inguinale	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-
	Syphilis - Congenital	-	-	-	-	-	-	-	-
	Syphilis - Early Latent	-	-	-	-	-	-	-	-
	Syphilis - Late Latent	-	-	-	-	-	-	-	-
	Syphilis - Late with Manifestations	-	-	-	-	-	-	-	-
	Syphilis - Latent of Unknown Duration	-	-	-	-	-	3	1	-
	Syphilis - Primary	-	-	-	-	-	1	-	-
	Syphilis - Secondary	-	-	-	-	-	-	1	1
Subtotal		37	43	38	33	570	494	578	240
VPD	Chickenpox (Varicella)	16	16	25	7	181	145	299	93
	Diphtheria	-	-	-	-	-	-	-	-
	H. influenzae Disease - Inv.	-	-	-	-	-	2	2	-
	Measles	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-
	Pertussis	-	1	-	2	4	8	5	3
	Polio	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-
	Tetanus	-	-	-	-	-	-	-	-
	Subtotal		16	17	25	9	185	155	306
Vectorborne	Dengue Fever	-	-	-	-	-	-	1	-
	Ehrlichiosis	-	-	-	-	-	-	-	-
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-
	Lyme Disease	-	-	-	1	1	4	4	1

Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Mar-07	Apr-07	May-07	Jun-07	2004	2005	2006	2007
<b>Vectorborne</b>	Malaria	-	-	-	-	1	-	-	-
	Rocky Mt Spotted Fever	-	1	-	-	-	-	-	1
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	1	2	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	-	1	-	1	2	5	7	2
<b>Viral Hepatitis</b>	Hepatitis A	-	1	-	1	1	5	-	2
	Hepatitis B, Acute	1	-	-	-	1	2	1	1
	Hepatitis B, Chronic	3	1	3	3	2	32	36	11
	Hepatitis B, Perinatal	-	-	-	-	-	-	1	-
	Hepatitis C, Acute	-	1	-	1	-	1	1	4
	Hepatitis C, Chronic	8	8	6	10	38	85	88	45
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	12	11	9	15	42	125	127	63
	<b>Total</b>	3667	1259	1674	427	22265	26250	17606	11651

\* Data for cases reported in last four months is based on week case was referred to the health department

\*\* Data for cases reported in last 4 years is for entire year except for current year which is year to date

**Chlamydia Cases in Ottawa County by Month  
2003-2007**



# Monthly Reportable Disease Report

## July 2007



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

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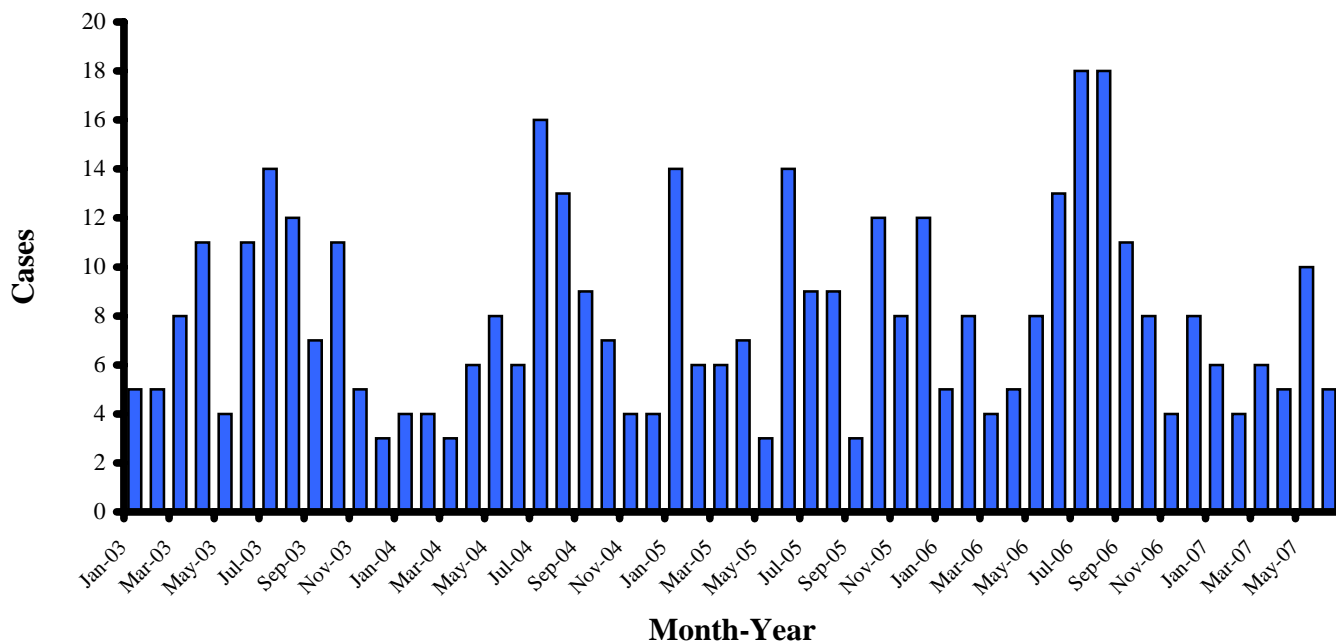
Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Apr-07	May-07	Jun-07	Jul-07	2004	2005	2006	2007
Other	Leptospirosis	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-
	Q Fever	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-
	Rheumatic Fever	-	-	-	-	-	-	-	-
	Rubella - Congenital	-	-	-	-	-	-	-	-
	Toxic Shock	-	-	-	-	1	-	-	-
	Trachoma	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-
	Unusual Outbreak or Occurrence	-	-	-	-	1	-	9	-
	Subtotal		3593	1182	1590	364	21368	25350	16454
STD	Chancroid	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	36	38	35	29	503	428	510	270
	Gonorrhea	1	5	3	4	67	62	66	26
	Granuloma Inguinale	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-
	Syphilis - Congenital	-	-	-	-	-	-	-	-
	Syphilis - Early Latent	-	-	-	-	-	-	-	-
	Syphilis - Late Latent	-	-	-	-	-	-	-	-
	Syphilis - Late with Manifestations	-	-	-	-	-	-	-	-
	Syphilis - Latent of Unknown Duration	-	-	-	-	-	3	1	-
	Syphilis - Primary	-	-	-	-	-	1	-	-
	Syphilis - Secondary	-	-	-	-	-	-	1	1
Subtotal		37	43	38	33	570	494	578	297
VPD	Chickenpox (Varicella)	16	16	25	7	181	145	299	97
	Diphtheria	-	-	-	-	-	-	-	-
	H. influenzae Disease - Inv.	-	-	-	-	-	2	2	-
	Measles	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-
	Pertussis	-	1	-	2	4	8	5	3
	Polio	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-
	Tetanus	-	-	-	-	-	-	-	-
	Subtotal		16	17	25	9	185	155	306
Vectorborne	Dengue Fever	-	-	-	-	-	-	1	-
	Ehrlichiosis	-	-	-	-	-	-	-	-
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-
	Lyme Disease	-	-	-	1	1	4	4	1

Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Apr-07	May-07	Jun-07	Jul-07	2004	2005	2006	2007
<b>Vectorborne</b>	Malaria	-	-	-	-	1	-	-	-
	Rocky Mt Spotted Fever	-	1	-	-	-	-	-	1
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	1	2	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	-	1	-	1	2	5	7	2
<b>Viral Hepatitis</b>	Hepatitis A	-	1	-	1	1	5	-	2
	Hepatitis B, Acute	1	-	-	-	1	2	1	2
	Hepatitis B, Chronic	3	1	3	3	2	32	36	12
	Hepatitis B, Perinatal	-	-	-	-	-	-	1	-
	Hepatitis C, Acute	-	1	-	1	-	1	1	4
	Hepatitis C, Chronic	8	8	6	10	38	85	88	48
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	12	12	9	15	42	125	127	72
<b>Total</b>	3671	1262	1677	427	22286	26268	17619	11745	

\* Data for cases reported in last four months is based on week case was referred to the health department

\*\* Data for cases reported in last 4 years is for entire year except for current year which is year to date

### Foodborne Illness Cases in Ottawa County by Month 2003-2007



# Monthly Reportable Disease Summary

## August 2007



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

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Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**				
		May-07	Jun-07	Jul-07	Aug-07	2004	2005	2006	2007	
Other	Leptospirosis	-	-	-	-	-	-	-	-	
	Plague	-	-	-	-	-	-	-	-	
	Psittacosis	-	-	-	-	-	-	-	-	
	Q Fever	-	-	-	-	-	-	-	-	
	Rabies Human	-	-	-	-	-	-	-	-	
	Reye Syndrome	-	-	-	-	-	-	-	-	
	Rheumatic Fever	-	-	-	-	-	-	-	-	
	Rubella - Congenital	-	-	-	-	-	-	-	-	
	Toxic Shock	-	-	-	-	1	-	-	-	
	Trachoma	-	-	-	-	-	-	-	-	
	Trichinosis	-	-	-	-	-	-	-	-	
	Tularemia	-	-	-	-	-	-	-	-	
	Unusual Outbreak or Occurrence	-	-	-	-	1	-	9	-	
	Subtotal		1590	364	-	16	21361	25343	16451	11218
	STD	Chancroid	-	-	-	-	-	-	-	-
Chlamydia (Genital)		35	29	50	40	503	428	510	308	
Gonorrhea		3	4	5	5	67	62	66	31	
Granuloma Inguinale		-	-	-	-	-	-	-	-	
Lymphogranuloma venereum		-	-	-	-	-	-	-	-	
Syphilis - Congenital		-	-	-	-	-	-	-	-	
Syphilis - Early Latent		-	-	-	-	-	-	-	-	
Syphilis - Late Latent		-	-	-	-	-	-	-	-	
Syphilis - Late with Manifestations		-	-	-	-	-	-	-	-	
Syphilis - Latent of Unknown Duration		-	-	-	-	-	3	1	-	
Syphilis - Primary		-	-	-	-	-	1	-	-	
Syphilis - Secondary		-	-	-	-	-	-	1	1	
Subtotal			38	33	55	45	570	494	578	340
VPD	Chickenpox (Varicella)	25	7	4	2	181	145	299	99	
	Diphtheria	-	-	-	-	-	-	-	-	
	H. influenzae Disease - Inv.	-	-	-	-	-	2	2	-	
	Measles	-	-	-	-	-	-	-	-	
	Mumps	-	-	-	-	-	-	-	-	
	Pertussis	-	2	-	1	4	8	5	4	
	Polio	-	-	-	-	-	-	-	-	
	Rubella	-	-	-	-	-	-	-	-	
	Tetanus	-	-	-	-	-	-	-	-	
	Subtotal		25	9	4	3	185	155	306	103
Vectorborne	Dengue Fever	-	-	-	-	-	-	1	-	
	Ehrlichiosis	-	-	-	-	-	-	-	-	
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-	
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-	
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-	
	Encephalitis, California	-	-	-	-	-	-	-	-	
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	
	Lyme Disease	-	1	-	1	1	4	4	2	

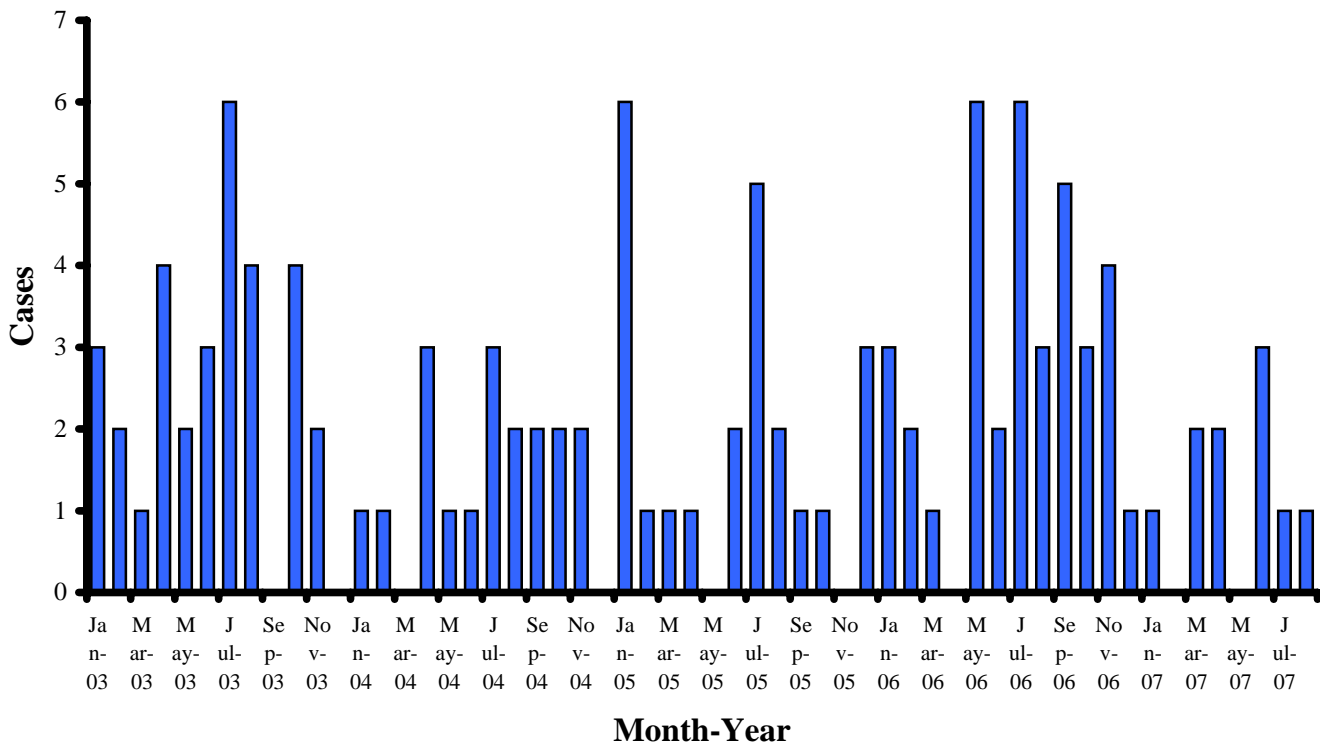
Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		May-07	Jun-07	Jul-07	Aug-07	2004	2005	2006	2007
Vectorborne	Malaria	-	-	-	-	1	-	-	-
	Rocky Mt Spotted Fever	-	-	-	-	-	-	-	1
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	1	2	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	-	1	-	1	2	5	7	3
Viral Hepatitis	Hepatitis A	-	1	-	-	1	5	-	2
	Hepatitis B, Acute	-	-	1	1	1	2	1	3
	Hepatitis B, Chronic	3	3	1	2	2	32	36	14
	Hepatitis B, Perinatal	-	-	-	-	-	-	1	-
	Hepatitis C, Acute	-	1	-	-	-	1	1	4
	Hepatitis C, Chronic	6	10	5	9	38	85	88	59
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	9	15	7	12	42	125	127	82
	<b>Total</b>	1675	428	73	87	22265	26250	17606	11813

\* Data for cases reported in last four months is based on week case was referred to the health department

\*\* Data for cases reported in last 4 years is for entire year except for current year which is year to date

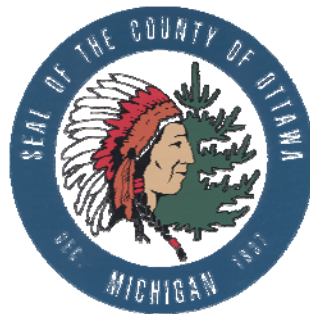
### Campylobacter Cases in Ottawa County by Month

January 2003-August 2007



# Monthly Reportable Disease Summary

## September 2007



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

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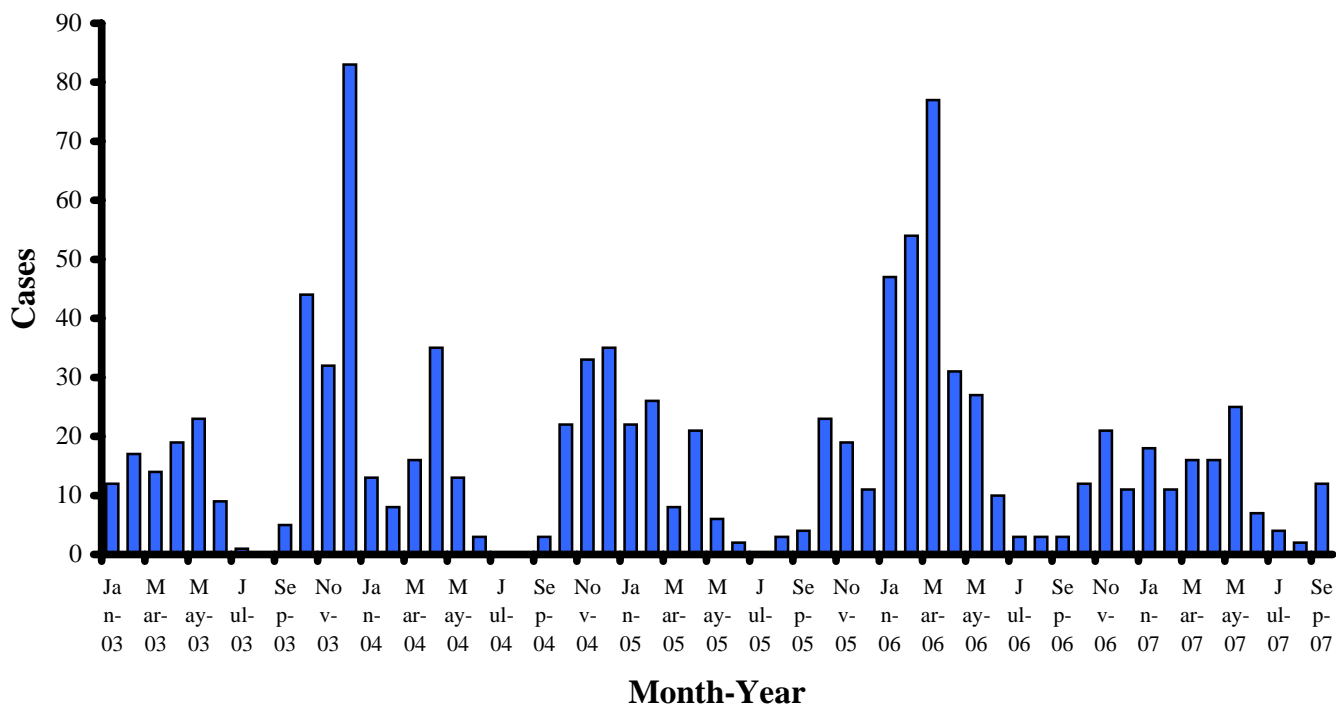
Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Jun-07	Jul-07	Aug-07	Sep-07	2004	2005	2006	2007
Other	Leptospirosis	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-
	Q Fever	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-
	Rheumatic Fever	-	-	-	-	-	-	-	-
	Rubella - Congenital	-	-	-	-	-	-	-	-
	Toxic Shock	-	-	-	-	1	-	-	-
	Trachoma	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-
	Unusual Outbreak or Occurrence	1	-	-	-	1	-	9	1
	Subtotal		365	1	15	948	21361	25343	16451
STD	Chancroid	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	29	50	40	29	503	428	510	337
	Gonorrhea	4	5	5	1	67	62	66	32
	Granuloma Inguinale	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-
	Syphilis - Congenital	-	-	-	-	-	-	-	-
	Syphilis - Early Latent	-	-	-	-	-	-	-	-
	Syphilis - Late Latent	-	-	-	-	-	-	-	-
	Syphilis - Late with Manifestations	-	-	-	-	-	-	-	-
	Syphilis - Latent of Unknown Duration	-	-	-	-	-	3	1	-
	Syphilis - Primary	-	-	-	-	-	1	-	-
	Syphilis - Secondary	-	-	-	-	-	-	1	1
Subtotal		33	55	45	30	570	494	578	370
VPD	Chickenpox (Varicella)	7	4	2	12	181	145	299	111
	Diphtheria	-	-	-	-	-	-	-	-
	H. influenzae Disease - Inv.	-	-	-	-	-	2	2	-
	Measles	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-
	Pertussis	2	-	1	1	4	8	5	5
	Polio	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-
	Tetanus	-	-	-	-	-	-	-	-
	Subtotal		9	4	3	13	185	155	306
Vectorborne	Dengue Fever	-	1	-	-	-	-	1	1
	Ehrlichiosis	-	-	-	-	-	-	-	-
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-
	Lyme Disease	1	-	1	-	1	4	4	2

Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Jun-07	Jul-07	Aug-07	Sep-07	2004	2005	2006	2007
Vectorborne	Malaria	-	-	-	-	1	-	-	-
	Rocky Mt Spotted Fever	-	-	-	-	-	-	-	1
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	1	2	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	1	1	1	-	2	5	7	4
Viral Hepatitis	Hepatitis A	1	-	-	1	1	5	-	3
	Hepatitis B, Acute	-	1	1	-	1	2	1	3
	Hepatitis B, Chronic	3	1	2	1	2	32	36	15
	Hepatitis B, Perinatal	-	-	-	-	-	-	1	-
	Hepatitis C, Acute	1	-	-	-	-	1	1	4
	Hepatitis C, Chronic	10	5	10	10	38	85	88	70
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	15	7	13	12	42	125	127	95
	<b>Total</b>	429	75	91	1006	22265	26250	17606	12826

\* Data for cases reported in last four months is based on week case was referred to the health department

\*\* Data for cases reported in last 4 years is for entire year except for current year which is year to date

### Chickenpox Cases in Ottawa County by Month January 2003-September 2007



# Monthly Reportable Disease Summary

## October 2007



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

The data in the Monthly Disease Report are provisional, based on current reports in the Michigan Disease Surveillance System (MDSS) made by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. The Monthly Disease Report reflects this constant activity as the numbers may slightly fluctuate each month. Therefore, it should be kept in mind that numbers in the Monthly Disease Report are NOT final and should be used only to generally monitor trends over time. Suspected, probable or laboratory confirmed cases of the reportable condition are included in the report.

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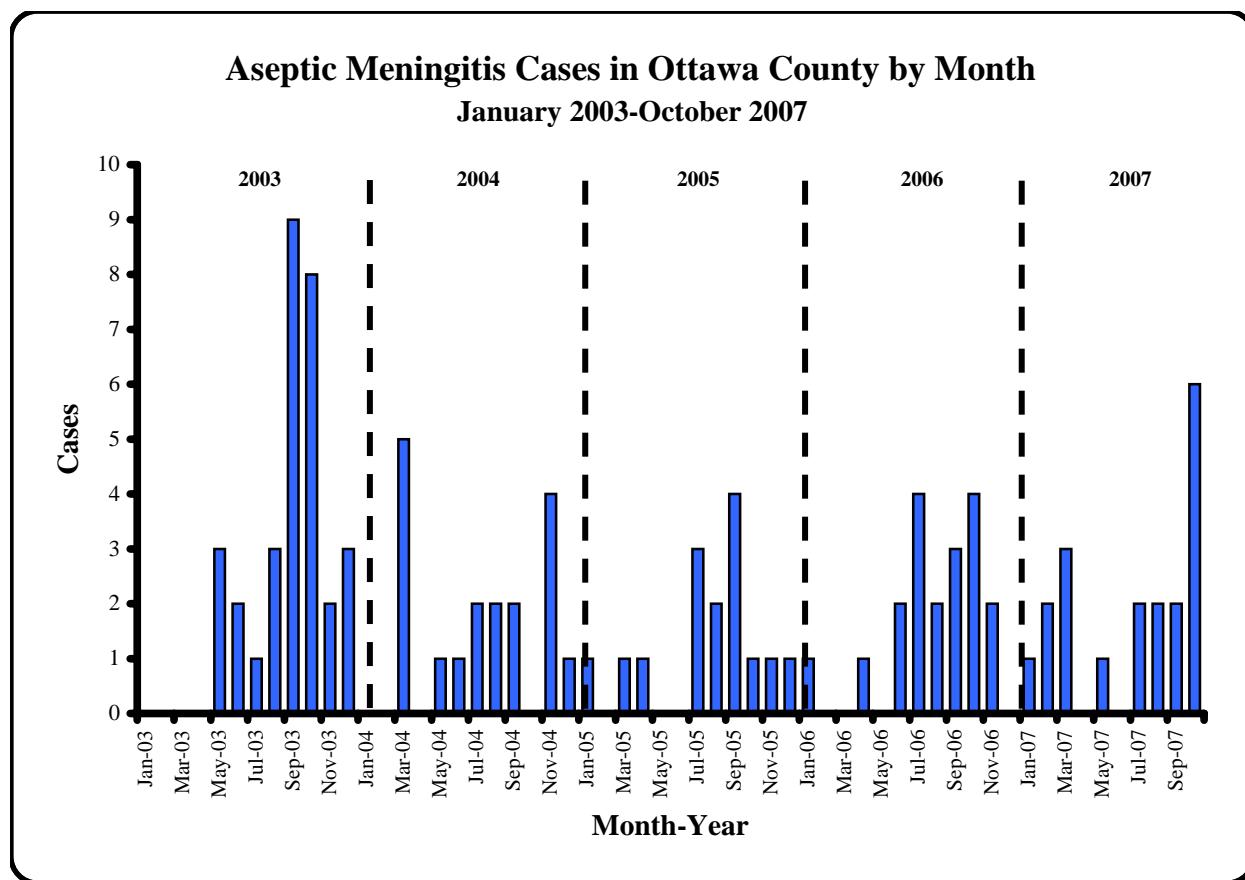


Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Jul-07	Aug-07	Sep-07	Oct-07	2004	2005	2006	2007
Other	Leptospirosis	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-
	Q Fever	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-
	Rheumatic Fever	-	-	-	-	-	-	-	-
	Rubella - Congenital	-	-	-	-	-	-	-	-
	Toxic Shock	-	-	-	-	1	-	-	-
	Trachoma	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-
	Unusual Outbreak or Occurrence	-	-	-	-	1	-	9	1
	Subtotal		1	15	948	1542	21361	25343	16451
STD	Chancroid	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	50	40	29	51	503	428	510	388
	Gonorrhea	5	5	1	8	67	62	66	40
	Granuloma Inguinale	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-
	Syphilis - Congenital	-	-	-	-	-	-	-	-
	Syphilis - Early Latent	-	-	-	-	-	-	-	-
	Syphilis - Late Latent	-	-	-	-	-	-	-	-
	Syphilis - Late with Manifestations	-	-	-	-	-	-	-	-
	Syphilis - Latent of Unknown Duration	-	-	-	-	-	3	1	-
	Syphilis - Primary	-	-	-	-	-	1	-	-
	Syphilis - Secondary	-	-	-	-	-	-	1	1
	Subtotal		55	45	30	59	570	494	578
VPD	Chickenpox (Varicella)	4	2	12	9	181	145	299	120
	Diphtheria	-	-	-	-	-	-	-	-
	H. influenzae Disease - Inv.	-	-	-	-	-	2	2	-
	Measles	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-
	Pertussis	-	1	1	-	4	8	5	5
	Polio	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-
	Tetanus	-	-	-	-	-	-	-	-
	Subtotal		4	3	13	9	185	155	306
Vectorborne	Dengue Fever	1	-	-	-	-	-	1	1
	Ehrlichiosis	-	-	-	-	-	-	-	-
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-
	Lyme Disease	-	-	-	1	1	4	4	2

Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Jul-07	Aug-07	Sep-07	Oct-07	2004	2005	2006	2007
<b>Vectorborne</b>	Malaria	-	-	-	-	1	-	-	-
	Rocky Mt Spotted Fever	-	-	-	-	-	-	-	1
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	1	2	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	1	-	-	1	2	5	7	4
<b>Viral Hepatitis</b>	Hepatitis A	-	-	1	1	1	5	-	4
	Hepatitis B, Acute	1	1	-	-	1	2	1	3
	Hepatitis B, Chronic	1	2	-	2	2	32	36	16
	Hepatitis B, Perinatal	-	-	-	-	-	-	1	-
	Hepatitis C, Acute	-	-	-	-	-	1	1	4
	Hepatitis C, Chronic	5	10	10	5	38	85	88	75
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	7	13	11	8	42	125	127	102
	<b>Total</b>	75	90	1007	1632	22265	26250	17607	14458

\* Data for cases reported in last four months is based on week case was referred to the health department

\*\* Data for cases reported in last 4 years is for entire year except for current year which is year to date



# Monthly Reportable Disease Summary

## November 2007



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

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Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Aug-07	Sep-07	Oct-07	Nov-07	2004	2005	2006	2007
Other	Leptospirosis	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-
	Q Fever	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-
	Rheumatic Fever	-	-	-	-	-	-	-	-
	Rubella - Congenital	-	-	-	-	-	-	-	-
	Toxic Shock	-	-	-	-	1	-	-	-
	Trachoma	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-
	Unusual Outbreak or Occurrence	-	-	-	-	1	-	9	1
	Subtotal		15	948	1543	3483	21361	25343	16451
STD	Chancroid	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	40	29	51	55	503	428	510	443
	Gonorrhea	5	1	8	12	67	62	66	52
	Granuloma Inguinale	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-
	Syphilis - Congenital	-	-	-	-	-	-	-	-
	Syphilis - Early Latent	-	-	-	-	-	-	-	-
	Syphilis - Late Latent	-	-	-	-	-	-	-	-
	Syphilis - Late with Manifestations	-	-	-	-	-	-	-	-
	Syphilis - Latent of Unknown Duration	-	-	-	-	-	3	1	-
	Syphilis - Primary	-	-	-	-	-	1	-	-
	Syphilis - Secondary	-	-	-	-	-	-	1	1
Subtotal		45	30	59	67	570	494	578	496
VPD	Chickenpox (Varicella)	2	12	13	33	181	145	299	157
	Diphtheria	-	-	-	-	-	-	-	-
	H. influenzae Disease - Inv.	-	-	-	-	-	2	2	-
	Measles	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-
	Pertussis	1	1	-	-	4	8	5	5
	Polio	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-
	Tetanus	-	-	-	-	-	-	-	-
	Subtotal		3	13	13	33	185	155	306
Vectorborne	Dengue Fever	-	-	-	-	-	-	1	1
	Ehrlichiosis	-	-	-	-	-	-	-	-
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-
	Lyme Disease	-	1	-	-	1	4	4	2

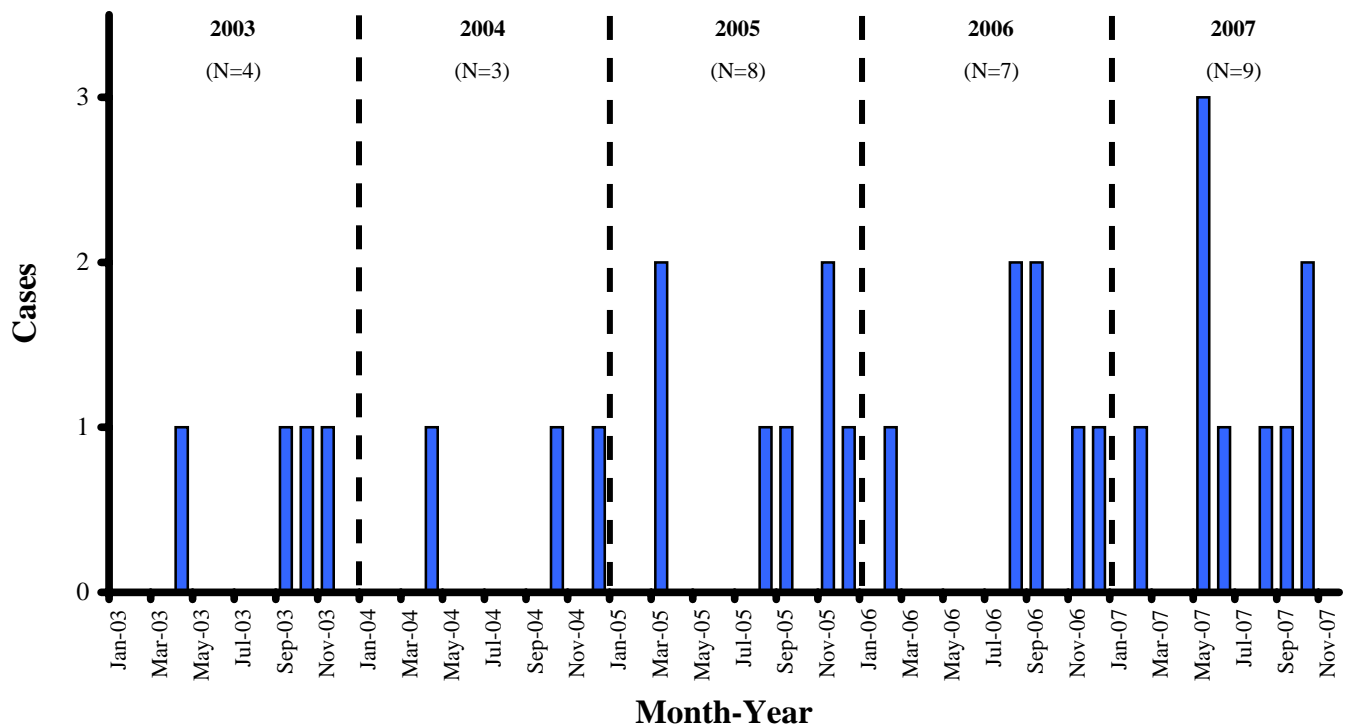
Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Aug-07	Sep-07	Oct-07	Nov-07	2004	2005	2006	2007
<b>Vectorborne</b>	Malaria	-	-	-	-	1	-	-	-
	Rocky Mt Spotted Fever	-	-	-	-	-	-	-	1
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	1	2	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	-	1	-	-	2	5	7	4
<b>Viral Hepatitis</b>	Hepatitis A	-	1	1	-	1	5	-	4
	Hepatitis B, Acute	1	1	-	1	1	2	1	5
	Hepatitis B, Chronic	2	-	2	1	2	33	37	17
	Hepatitis B, Perinatal	-	-	-	-	-	-	1	-
	Hepatitis C, Acute	-	-	-	-	-	1	1	4
	Hepatitis C, Chronic	10	10	7	6	38	85	88	83
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	13	12	10	8	42	126	128	113
	<b>Total</b>	90	1009	1641	3600	22265	26251	17608	18069

\* Data for cases reported in last four months is based on week case was referred to the health department

\*\* Data for cases reported in last 4 years is for entire year except for current year which is year to date

## Histoplasmosis Cases in Ottawa County by Month

January 2003-November 2007



# Monthly Reportable Disease Summary

## December 2007



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

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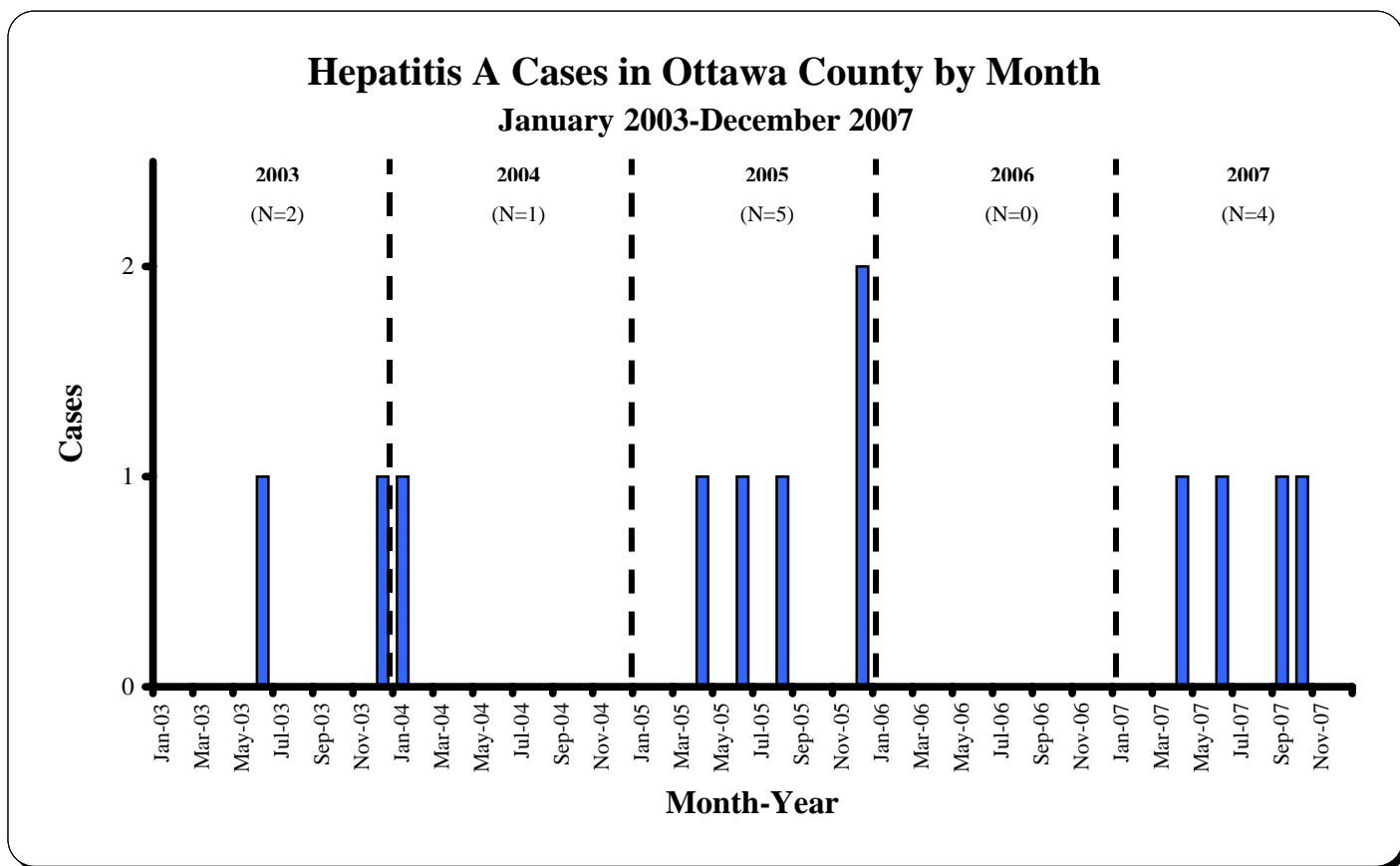


Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Sep-07	Oct-07	Nov-07	Dec-07	2004	2005	2006	2007
Other	Leptospirosis	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-
	Q Fever	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-
	Rheumatic Fever	-	-	-	-	-	-	-	-
	Rubella - Congenital	-	-	-	-	-	-	-	-
	Toxic Shock	-	-	-	-	1	-	-	-
	Trachoma	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-
	Unusual Outbreak or Occurrence	-	-	-	-	1	-	9	1
	Subtotal		948	1543	3483	2583	21361	25343	16451
STD	Chancroid	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	29	51	55	36	503	428	510	479
	Gonorrhea	1	8	12	6	67	62	66	58
	Granuloma Inguinale	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-
	Syphilis - Congenital	-	-	-	-	-	-	-	-
	Syphilis - Early Latent	-	-	-	-	-	-	-	-
	Syphilis - Late Latent	-	-	-	-	-	-	-	-
	Syphilis - Late with Manifestations	-	-	-	-	-	-	-	-
	Syphilis - Latent of Unknown Duration	-	-	-	-	-	3	1	-
	Syphilis - Primary	-	-	-	-	-	1	-	-
	Syphilis - Secondary	-	-	-	-	-	-	1	1
Subtotal		30	59	67	42	570	494	578	538
VPD	Chickenpox (Varicella)	12	13	33	30	181	145	299	187
	Diphtheria	-	-	-	-	-	-	-	-
	H. influenzae Disease - Inv.	-	-	-	-	-	2	2	-
	Measles	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-
	Pertussis	1	-	-	-	4	8	5	5
	Polio	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-
	Tetanus	-	-	-	-	-	-	-	-
	Subtotal		13	13	33	30	185	155	306
Vectorborne	Dengue Fever	-	-	-	-	-	-	1	1
	Ehrlichiosis	-	-	-	-	-	-	-	-
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-
	Lyme Disease	2	-	-	-	1	4	4	3

Disease Group	Reportable Condition	Cases Reported in Last 4 Months*				Total Cases Reported**			
		Sep-07	Oct-07	Nov-07	Dec-07	2004	2005	2006	2007
Vectorborne	Malaria	-	-	-	-	1	-	-	-
	Rocky Mt Spotted Fever	-	-	-	-	-	-	-	1
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	1	2	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	2	-	-	-	2	5	7	5
Viral Hepatitis	Hepatitis A	1	1	-	-	1	5	-	4
	Hepatitis B, Acute	1	-	1	-	1	2	1	5
	Hepatitis B, Chronic	-	2	1	-	2	33	37	17
	Hepatitis B, Perinatal	-	-	-	-	-	-	1	-
	Hepatitis C, Acute	-	-	-	-	-	1	1	4
	Hepatitis C, Chronic	10	7	6	2	38	85	88	85
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	12	10	8	2	42	126	128	115
<b>Total</b>	1010	1642	3601	<b>2667</b>	22265	26251	17608	20739	

\* Data for cases reported in last four months is based on week case was referred to the health department

\*\* Data for cases reported in last 4 years is for entire year except for current year which is year to date



# 2007 Quarterly Reportable Disease Summary

## Quarter 1 (January-March)



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

The data in the Monthly Disease Report are provisional, based on current reports in the Michigan Disease Surveillance System (MDSS) made by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. The Quarterly Disease Summary reflects this constant activity as the numbers may slightly fluctuate each quarter. Therefore, it should be kept in mind that numbers in the Quarterly Disease Summary are NOT final and should be used only to generally monitor trends over time. Suspected, probable, confirmed, and unknown cases of the reportable condition are included in the report.

Specific data requests and questions should be directed towards:

Brian Bieber MS, MPH  
OCHD Epidemiologist  
[bbieber@co.ottawa.mi.us](mailto:bbieber@co.ottawa.mi.us)  
(616)393-5757



Disease Group	Reportable Condition	Cases in Last 4 Quarters*				Q1 Cases by Year**				
		Q2-06	Q3-06	Q4-06	Q1-07	2004	2005	2006	2007	
Other	Leptospirosis	-	-	-	-	-	-	-	-	
	Plague	-	-	-	-	-	-	-	-	
	Psittacosis	-	-	-	-	-	-	-	-	
	Q Fever	-	-	-	-	-	-	-	-	
	Rabies Human	-	-	-	-	-	-	-	-	
	Reye Syndrome	-	-	-	-	-	-	-	-	
	Rheumatic Fever	-	-	-	-	-	-	-	-	
	Rubella - Congenital	-	-	-	-	-	-	-	-	
	Toxic Shock	-	-	-	-	-	-	-	-	
	Trachoma	-	-	-	-	-	-	-	-	
	Trichinosis	-	-	-	-	-	-	-	-	
	Tularemia	-	-	-	-	-	-	-	-	
	Unusual Outbreak or Occurrence	9	-	-	-	-	-	-	-	
	Subtotal		2856	664	4249	8066	8839	14604	8682	8066
	STD	Chancroid	-	-	-	-	-	-	-	-
Chlamydia (Genital)		130	132	110	116	132	87	138	116	
Gonorrhea		10	15	19	9	12	8	22	9	
Granuloma Inguinale		-	-	-	-	-	-	-	-	
Lymphogranuloma venereum		-	-	-	-	-	-	-	-	
Syphilis - Congenital		-	-	-	-	-	-	-	-	
Syphilis - Early Latent		-	-	-	-	-	-	-	-	
Syphilis - Late Latent		-	-	-	-	-	-	-	-	
Syphilis - Late with Manifestations		-	-	-	-	-	-	-	-	
Syphilis - Latent of Unknown Duration		-	1	-	-	-	-	-	-	
Syphilis - Primary		-	-	-	-	-	-	-	-	
Syphilis - Secondary		-	1	-	1	-	-	-	1	
Subtotal			140	149	129	126	144	95	160	126
VPD	Chickenpox (Varicella)	68	9	44	45	37	56	178	45	
	Diphtheria	-	-	-	-	-	-	-	-	
	H. influenzae Disease - Inv.	1	-	-	-	-	-	1	-	
	Measles	-	-	-	-	-	-	-	-	
	Mumps	-	-	-	-	-	-	-	-	
	Pertussis	2	2	1	-	-	-	-	-	
	Polio	-	-	-	-	-	-	-	-	
	Rubella	-	-	-	-	-	-	-	-	
	Tetanus	-	-	-	-	-	-	-	-	
	Subtotal		71	11	45	45	37	56	179	45
Vectorborne	Dengue Fever	-	-	-	-	-	-	1	-	
	Ehrlichiosis	-	-	-	-	-	-	-	-	
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-	
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-	
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-	
	Encephalitis, California	-	-	-	-	-	-	-	-	
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	
	Lyme Disease	1	3	-	-	-	-	-	-	

Disease Group	Reportable Condition	Cases in Last 4 Quarters*				Q1 Cases by Year**			
		Q2-06	Q3-06	Q4-06	Q1-07	2004	2005	2006	2007
<b>Vectorborne</b>	Malaria	-	-	-	-	-	-	-	-
	Rocky Mt Spotted Fever	-	-	-	-	-	-	-	-
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	2	-	-	-	-	-	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	1	5	-	-	-	-	1	-
<b>Viral Hepatitis</b>	Hepatitis A	-	-	-	-	1	-	-	-
	Hepatitis B, Acute	-	-	-	<b>1</b>	1	1	1	1
	Hepatitis B, Chronic	8	9	6	<b>4</b>	-	7	13	4
	Hepatitis B, Perinatal	-	-	-	-	-	-	1	-
	Hepatitis C, Acute	-	-	-	<b>2</b>	-	1	1	2
	Hepatitis C, Chronic	15	21	20	<b>21</b>	12	17	32	21
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	23	30	26	<b>28</b>	14	26	48	28
<b>Total</b>	3122	917	4477	<b>8291</b>	9050	14812	9090	8291	

\* Data for cases reported in last four quarters is based on week case was referred to the health department

\* Q1=Jan-Mar, Q2=Apr-Jun, Q3=Jul-Sep Q4=Oct-Dec

\*\* Data for cases reported in same quarter of last 4 years

# 2007 Quarter 1: Ottawa County Communicable Disease Summary

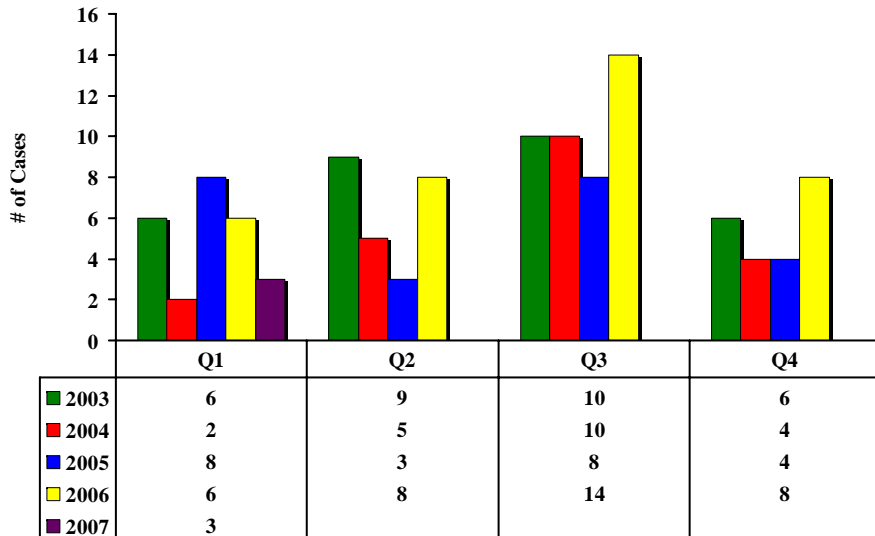
## Interpretation Notes:

Quarter Definition: Q1=Jan-Mar, Q2=Apr-Jun, Q3=Jul-Sep, Q4=Oct-Dec

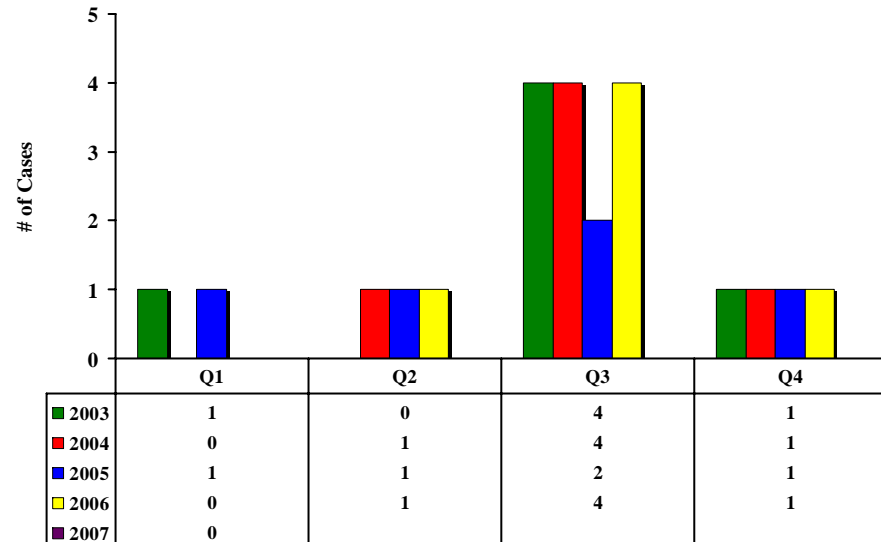
Case counts include: confirmed, probable, suspect, and unknown cases

For questions regarding data contact-Brian Bieber (616)393-5757

### Campylobacter

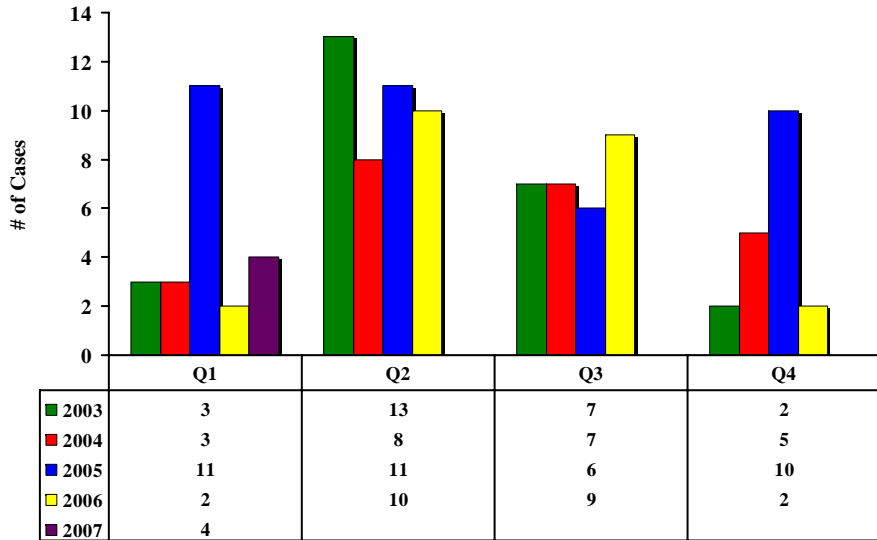


### E. coli O157:H7

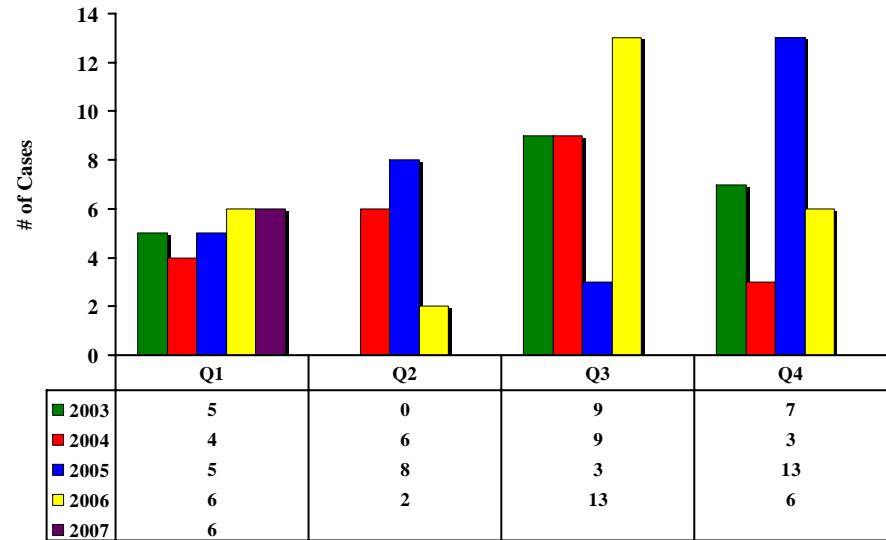




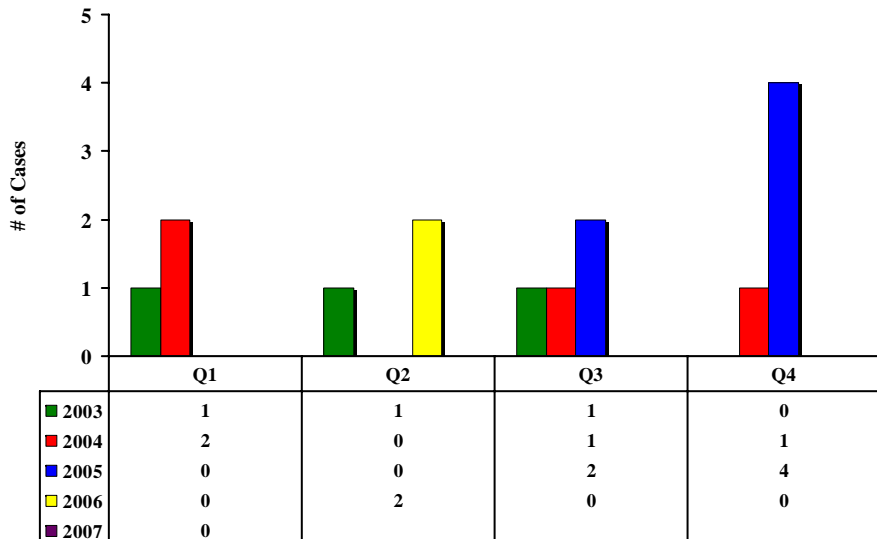
### Salmonellosis



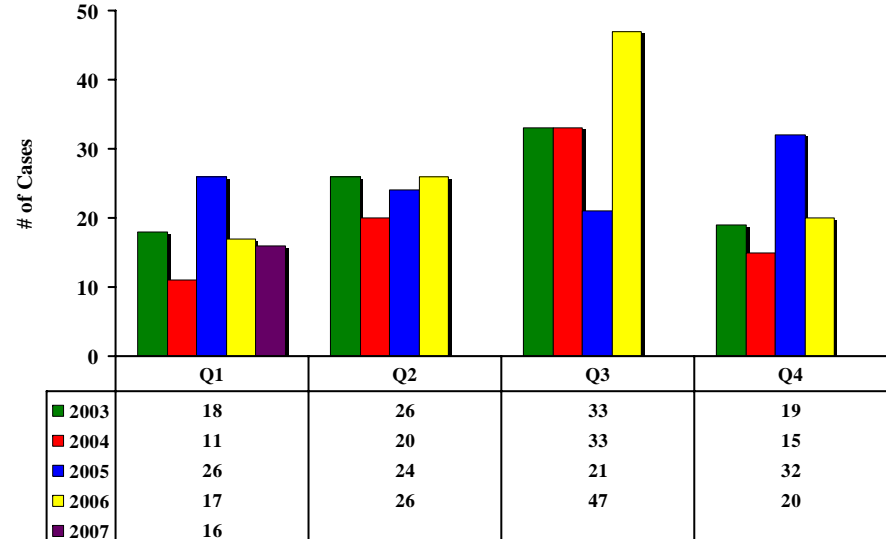
### Giardiasis



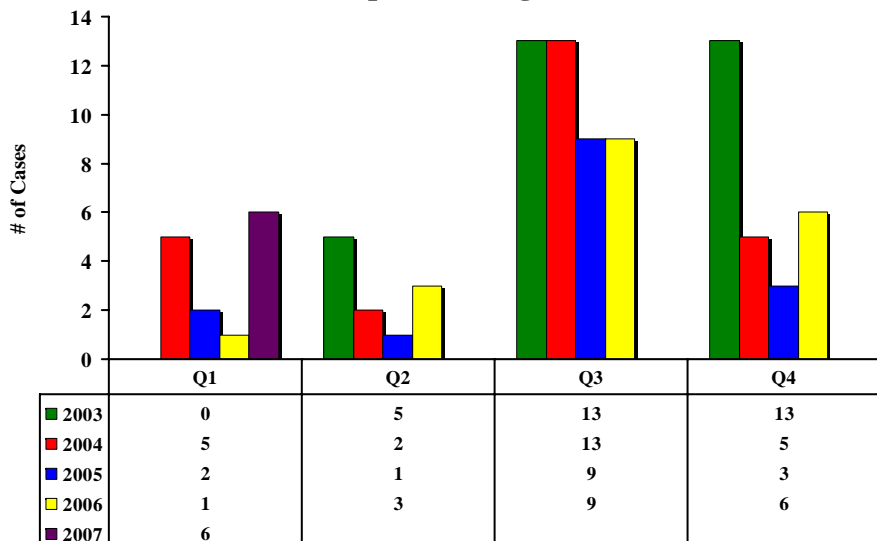
### Shigellosis



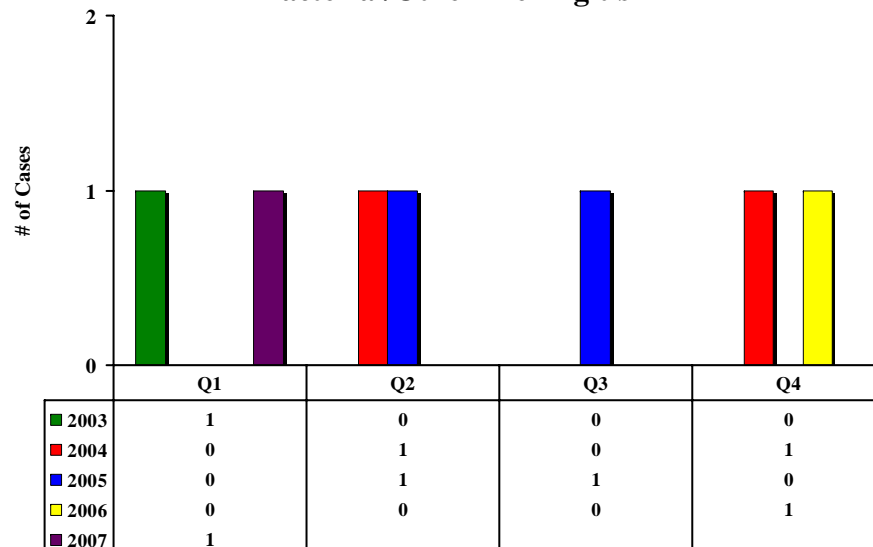
### All Foodborne



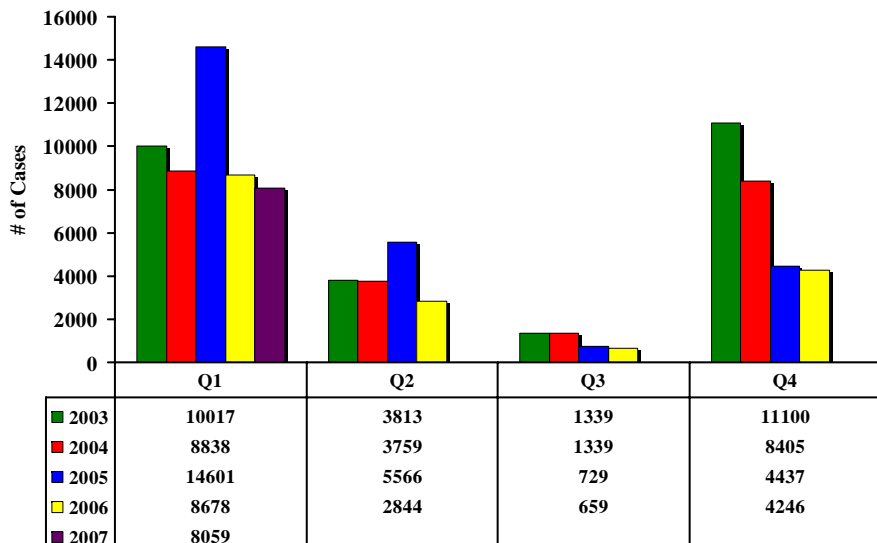
### Asceptic Meningitis



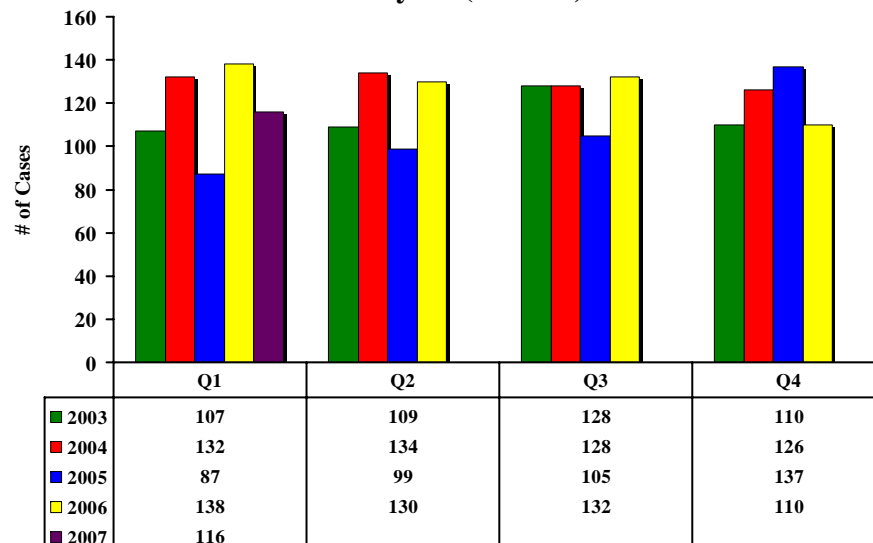
### Bacterial/Other Meningitis



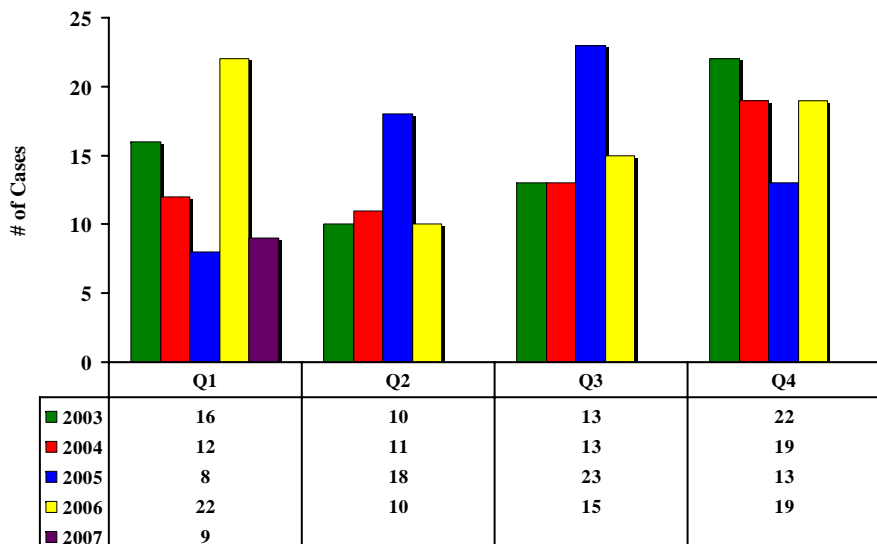
### Flu Like Disease



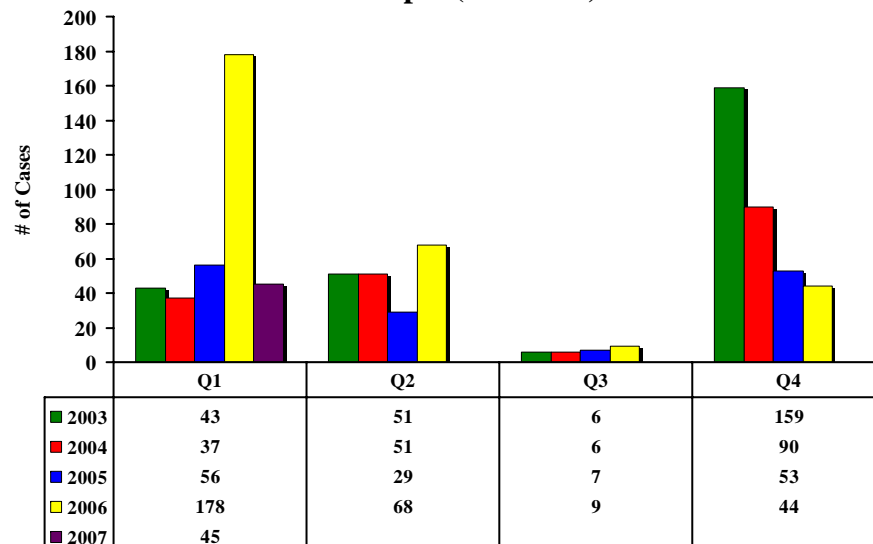
### Chlamydia (Genital)



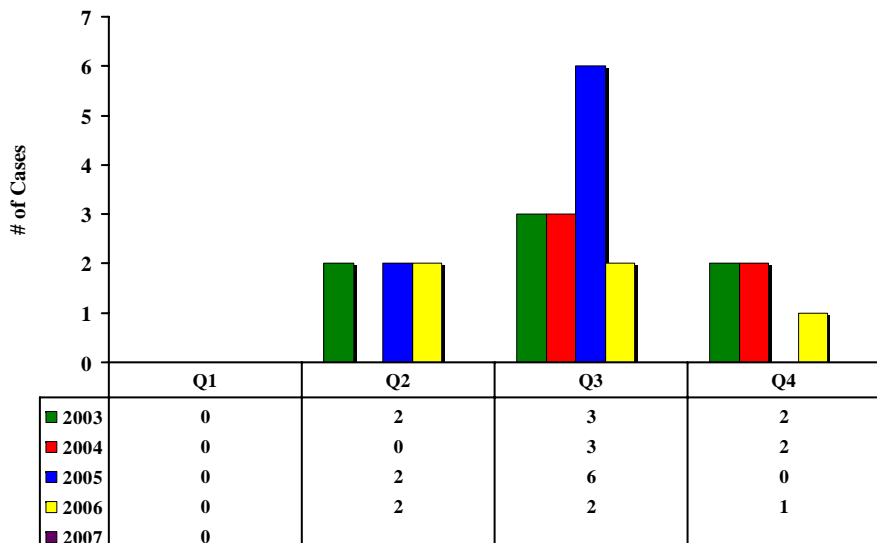
### Gonorrhea



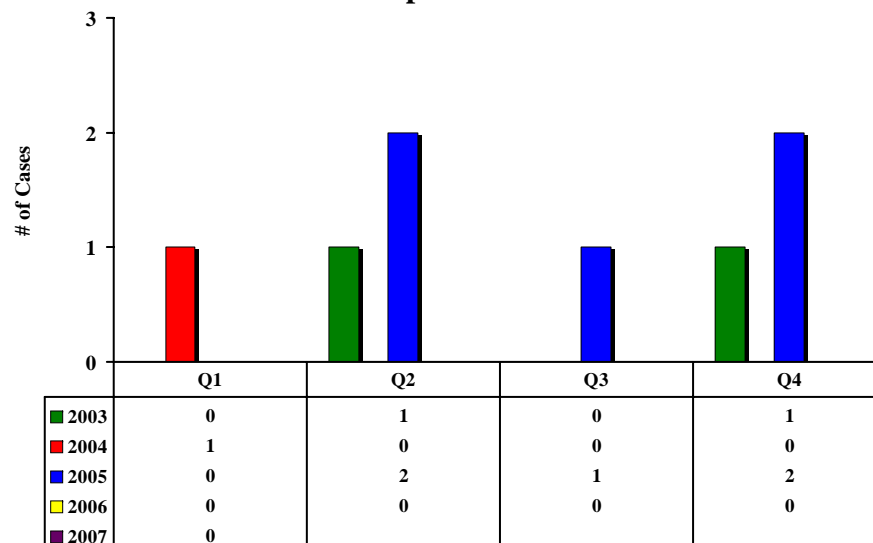
### Chickenpox(Varicella)



### Pertussis



### Hepatitis A



# 2007 Quarterly Reportable Disease Summary

## Quarter 2 (April-June)



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

The data in the Quarterly Disease Summary are provisional, based on current reports in the Michigan Disease Surveillance System (MDSS) made by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. The Quarterly Disease Summary reflects this constant activity as the numbers may slightly fluctuate each quarter. Therefore, it should be kept in mind that numbers in the Quarterly Disease Summary are NOT final and should be used only to generally monitor trends over time. Suspected, probable, unknown or laboratory confirmed cases of the reportable condition are included in the report.

Specific data requests and questions should be directed towards:

Brian Bieber MS, MPH  
OCHD Epidemiologist  
[bbieber@co.ottawa.mi.us](mailto:bbieber@co.ottawa.mi.us)  
(616)393-5757



Disease Group	Reportable Condition	Cases in Last 4 Quarters*				Q2 Cases by Year**			
		Q3-06	Q4-06	Q1-07	Q2-07	2004	2005	2006	2007
Other	Leptospirosis	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-
	Q Fever	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-
	Rheumatic Fever	-	-	-	-	-	-	-	-
	Rubella - Congenital	-	-	-	-	-	-	-	-
	Toxic Shock	-	-	-	-	-	-	-	-
	Trachoma	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-
	Unusual Outbreak or Occurrence	-	-	-	-	-	-	9	-
	Subtotal		664	4249	8066	3136	3760	5567	2856
STD	Chancroid	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	132	110	116	102	134	99	130	102
	Gonorrhea	15	19	9	12	11	18	10	12
	Granuloma Inguinale	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-
	Syphilis - Congenital	-	-	-	-	-	-	-	-
	Syphilis - Early Latent	-	-	-	-	-	-	-	-
	Syphilis - Late Latent	-	-	-	-	-	-	-	-
	Syphilis - Late with Manifestations	-	-	-	-	-	-	-	-
	Syphilis - Latent of Unknown Duration	1	-	-	-	-	1	-	-
	Syphilis - Primary	-	-	-	-	-	1	-	-
	Syphilis - Secondary	1	-	1	-	-	-	-	-
Subtotal		149	129	126	114	145	119	140	114
VPD	Chickenpox (Varicella)	9	44	45	48	51	29	68	48
	Diphtheria	-	-	-	-	-	-	-	-
	H. influenzae Disease - Inv.	-	-	-	-	-	1	1	-
	Measles	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-
	Pertussis	2	1	-	3	-	2	2	3
	Polio	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-
	Tetanus	-	-	-	-	-	-	-	-
	Subtotal		11	45	45	51	51	32	71
Vectorborne	Dengue Fever	-	-	-	-	-	-	-	-
	Ehrlichiosis	-	-	-	-	-	-	-	-
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-
	Lyme Disease	3	-	-	1	1	2	1	1

Disease Group	Reportable Condition	Cases in Last 4 Quarters*				Q2 Cases by Year**			
		Q3-06	Q4-06	Q1-07	Q2-07	2004	2005	2006	2007
<b>Vectorborne</b>	Malaria	-	-	-	-	1	-	-	-
	Rocky Mt Spotted Fever	-	-	-	1	-	-	-	1
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	2	-	-	-	-	-	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	1	5	-	2	2	2	1	2
<b>Viral Hepatitis</b>	Hepatitis A	-	-	-	2	-	2	-	2
	Hepatitis B, Acute	-	-	-	-	-	-	-	-
	Hepatitis B, Chronic	8	9	6	7	-	7	8	7
	Hepatitis B, Perinatal	-	-	-	-	-	-	-	-
	Hepatitis C, Acute	-	-	-	2	-	-	-	2
	Hepatitis C, Chronic	15	21	20	24	13	17	15	24
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	23	30	26	35	13	26	23	35
<b>Total</b>	3122	917	4477	3360	3994	5773	3122	3360	

\* Data for cases reported in last four quarters is based on week case was referred to the health department

\* Q1=Jan-Mar, Q2=Apr-Jun, Q3=Jul-Sep Q4=Oct-Dec

\*\* Data for cases reported in same quarter of last 4 years

# 2007 Quarter 2: Ottawa County Communicable Disease Summary

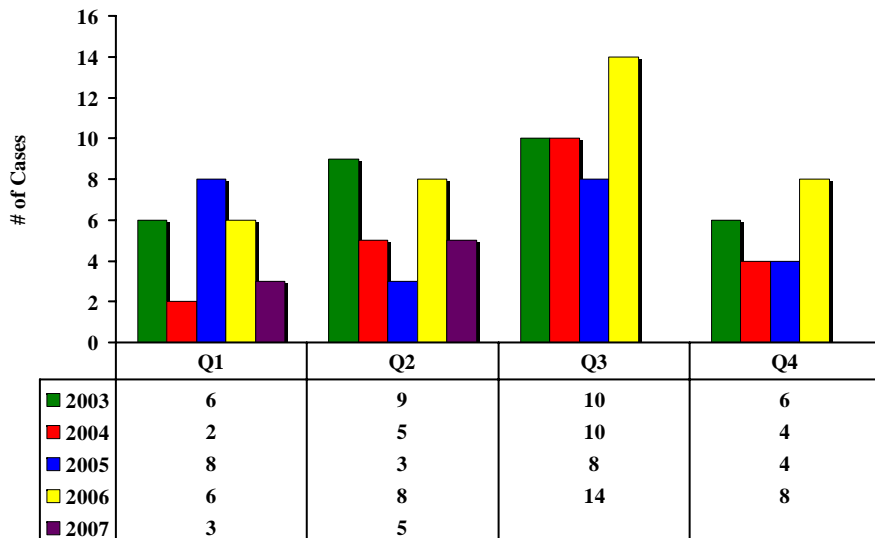
## Interpretation Notes:

Quarter Definition: Q1=Jan-Mar, Q2=Apr-Jun, Q3=Jul-Sep, Q4=Oct-Dec

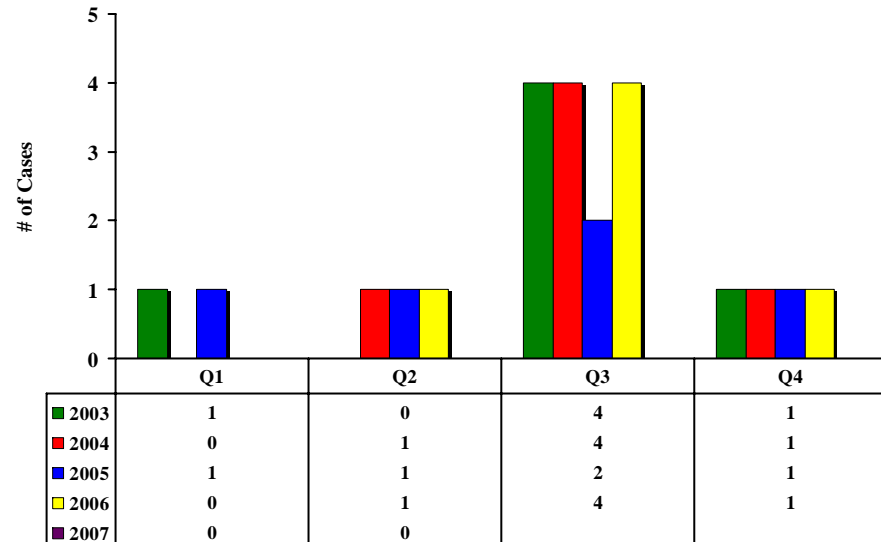
Case counts include: confirmed, probable, suspect, and unknown cases

For questions regarding data contact-Brian Bieber (616)393-5757

### Campylobacter

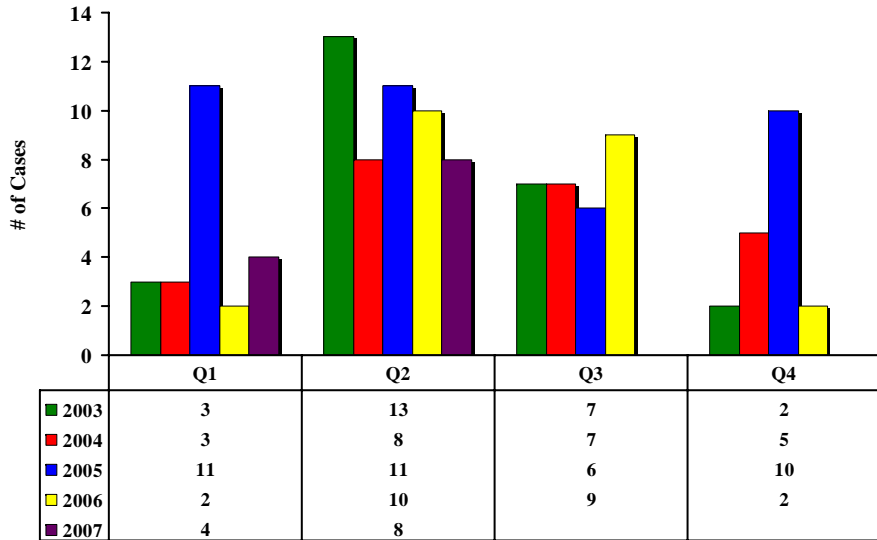


### E. coli O157:H7

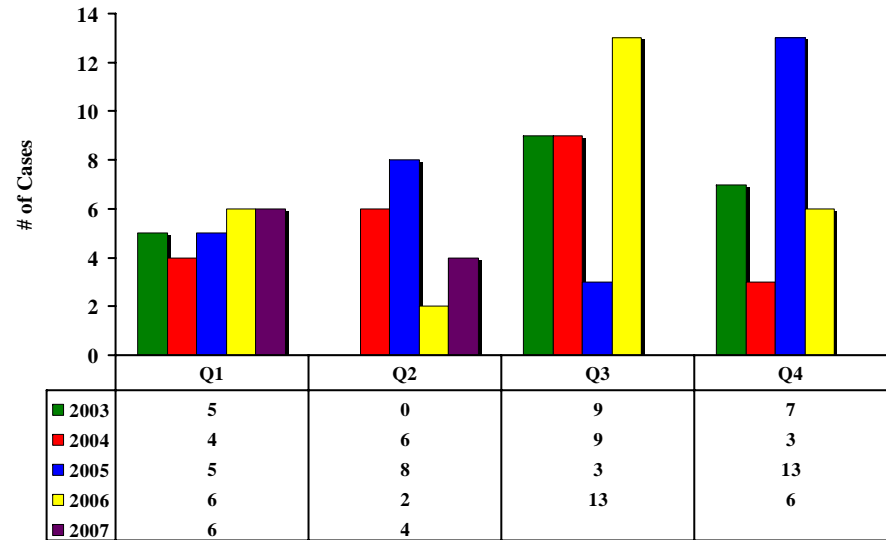




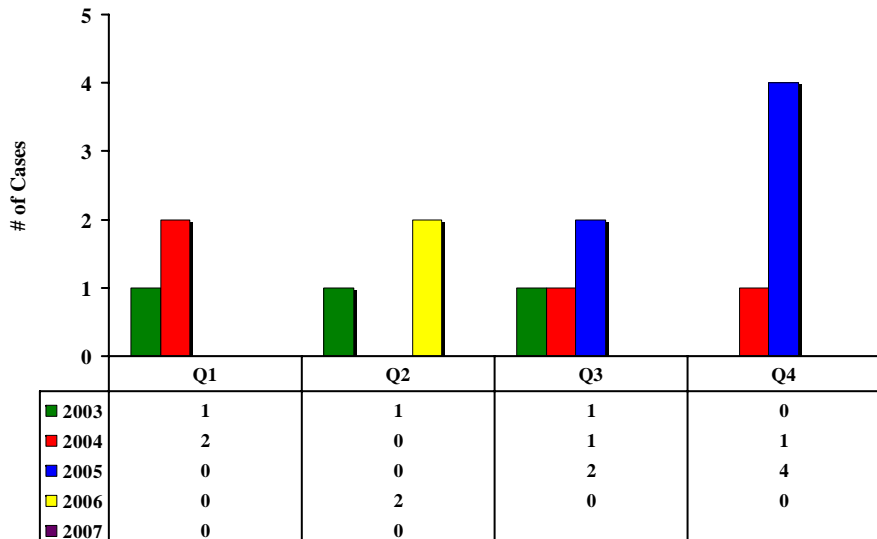
**Salmonellosis**



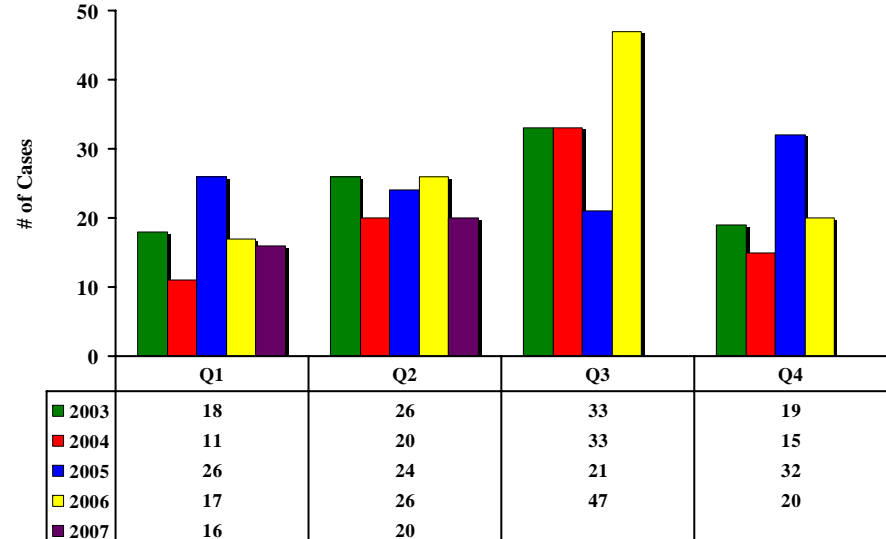
**Giardiasis**



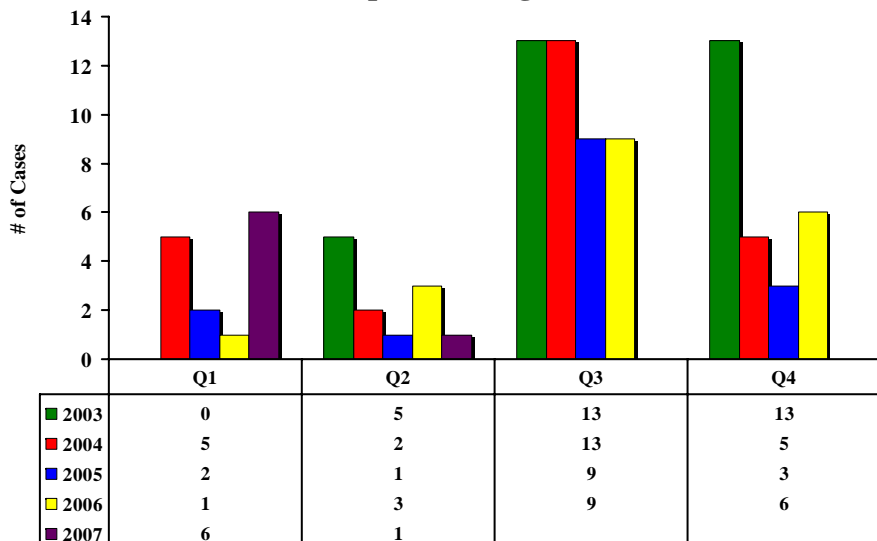
**Shigellosis**



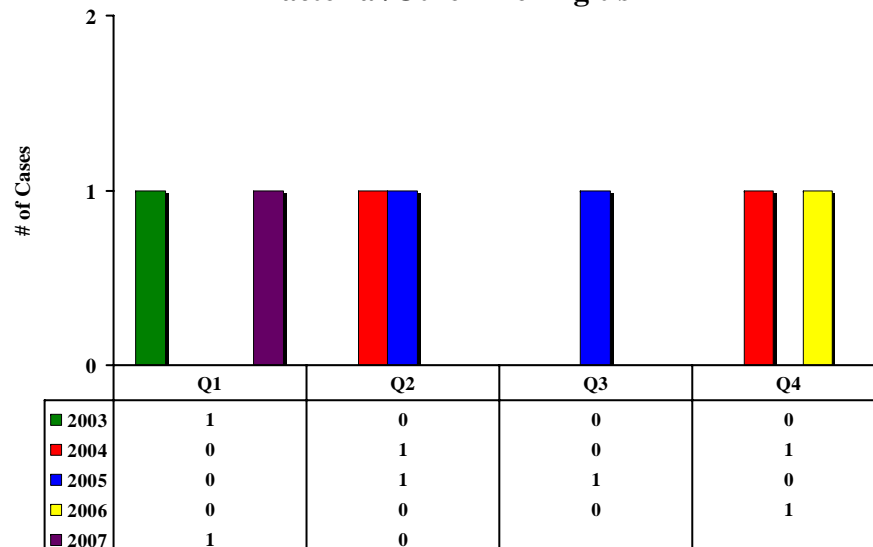
**All Foodborne**



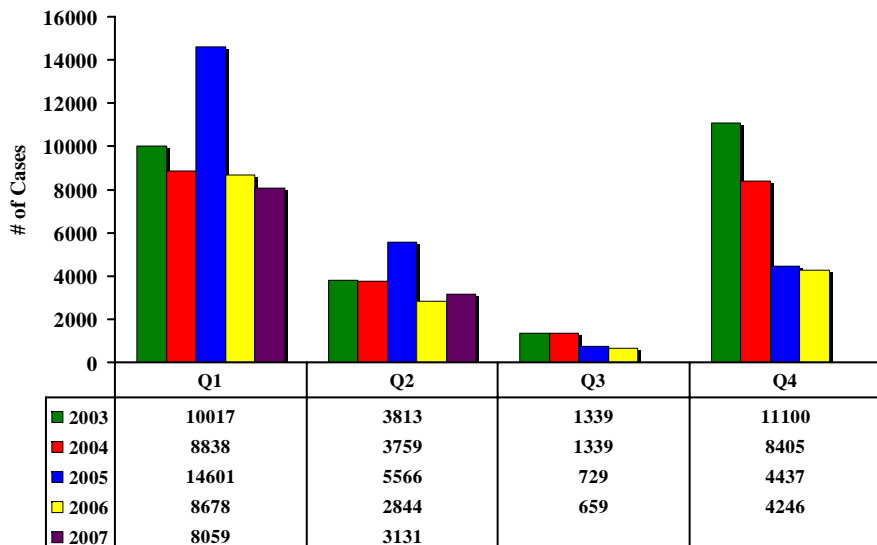
**Asceptic Meningitis**



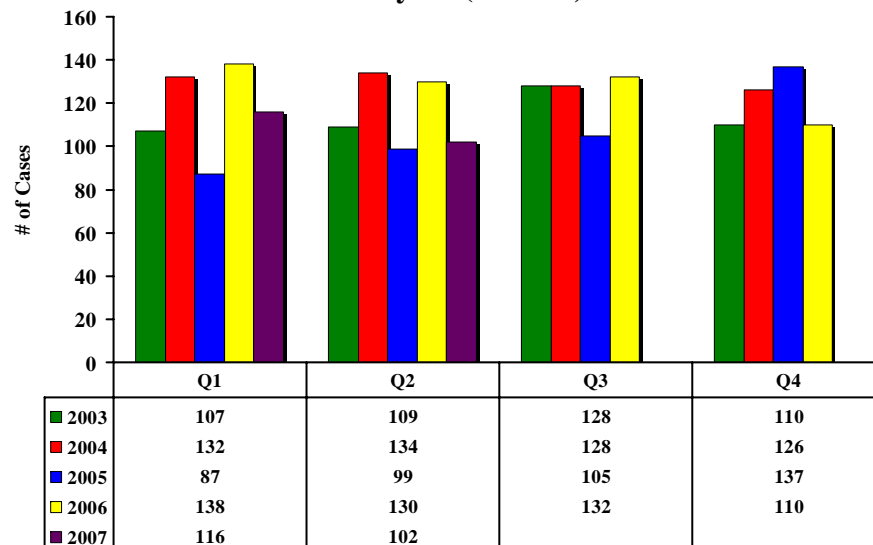
**Bacterial/Other Meningitis**



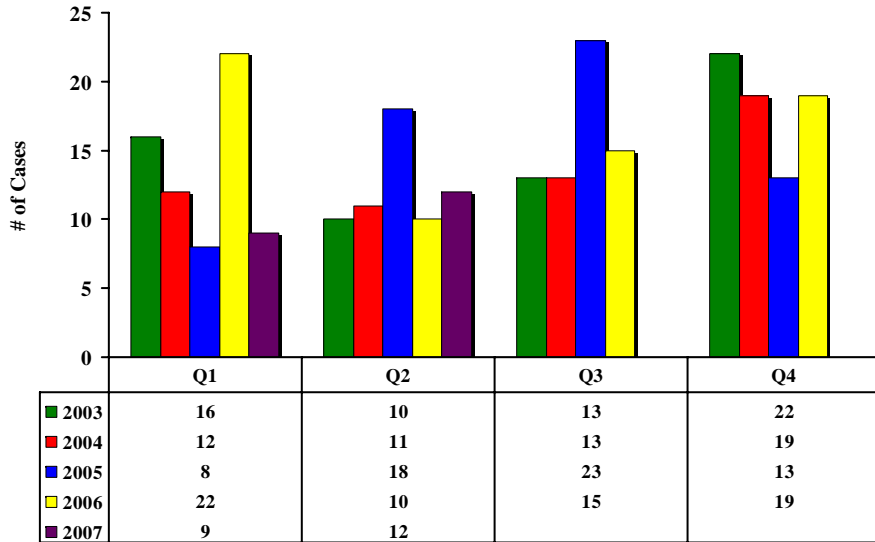
**Flu Like Disease**



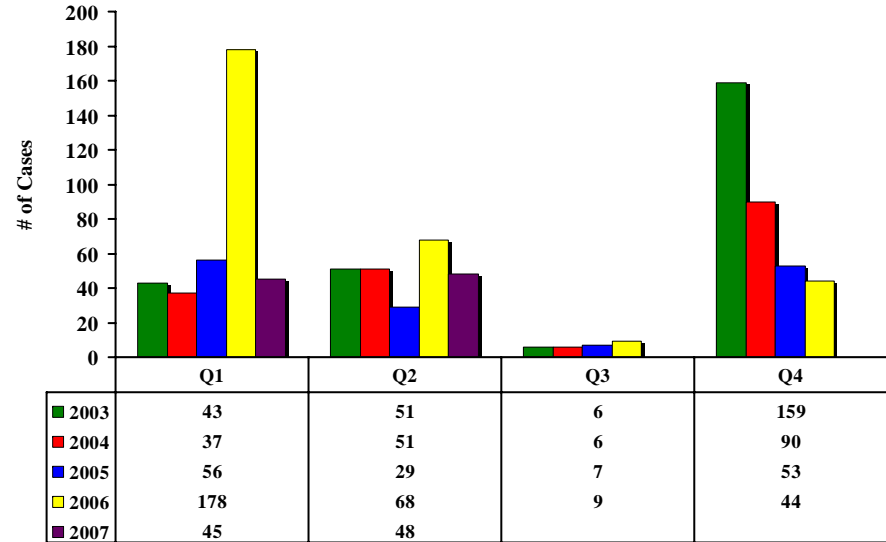
**Chlamydia (Genital)**



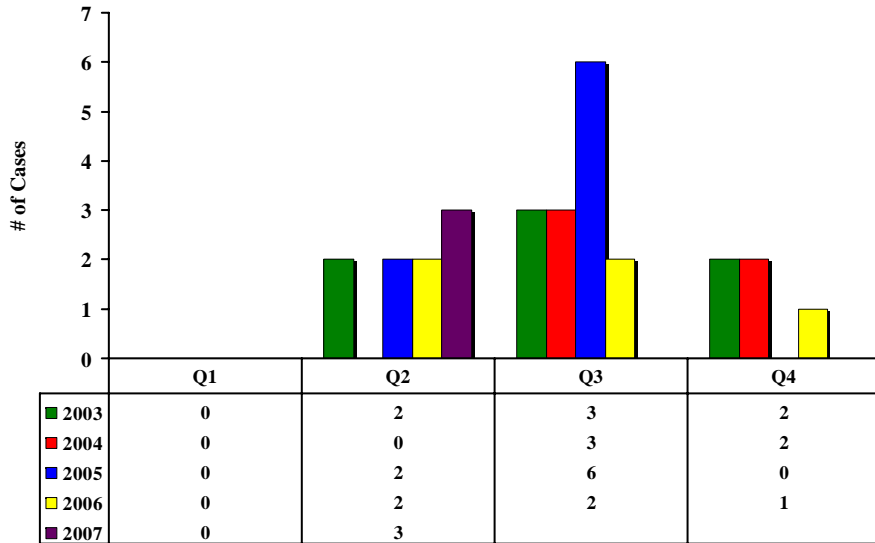
### Gonorrhea



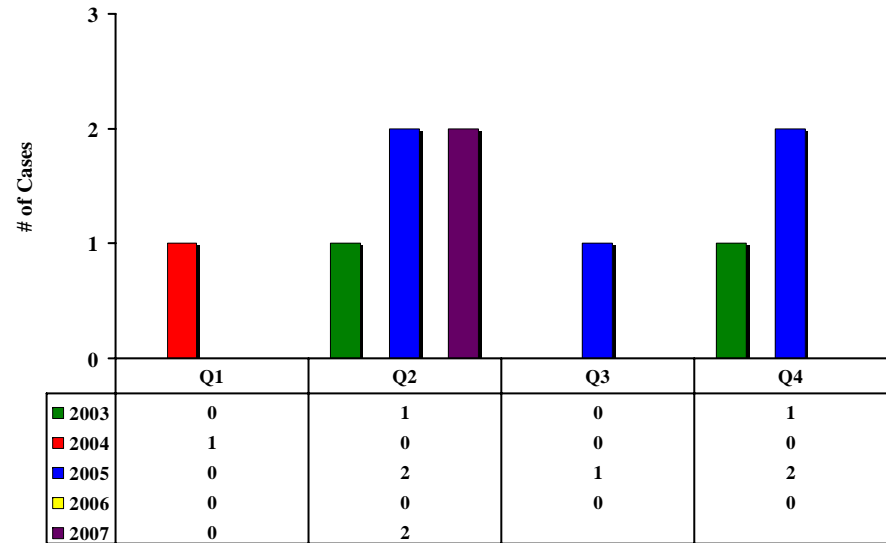
### Chickenpox(Varicella)



### Pertussis



### Hepatitis A



# 2007 Quarterly Reportable Disease Summary

## Quarter 3 (July-September)



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

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[bbieber@co.ottawa.mi.us](mailto:bbieber@co.ottawa.mi.us)  
(616)393-5757



Disease Group	Reportable Condition	Cases in Last 4 Quarters*				Q3 Cases by Year**				
		Q4-06	Q1-07	Q2-07	Q3-07	2004	2005	2006	2007	
Other	Leptospirosis	-	-	-	-	-	-	-	-	
	Plague	-	-	-	-	-	-	-	-	
	Psittacosis	-	-	-	-	-	-	-	-	
	Q Fever	-	-	-	-	-	-	-	-	
	Rabies Human	-	-	-	-	-	-	-	-	
	Reye Syndrome	-	-	-	-	-	-	-	-	
	Rheumatic Fever	-	-	-	-	-	-	-	-	
	Rubella - Congenital	-	-	-	-	-	-	-	-	
	Toxic Shock	-	-	-	-	-	-	-	-	
	Trachoma	-	-	-	-	-	-	-	-	
	Trichinosis	-	-	-	-	-	-	-	-	
	Tularemia	-	-	-	-	-	-	-	-	
	Unusual Outbreak or Occurrence	-	-	1	-	-	-	-	-	
	Subtotal		4249	8066	3137	964	1342	731	664	964
	STD	Chancroid	-	-	-	-	-	-	-	-
Chlamydia (Genital)		110	116	102	119	128	105	132	119	
Gonorrhea		19	9	12	11	13	23	15	11	
Granuloma Inguinale		-	-	-	-	-	-	-	-	
Lymphogranuloma venereum		-	-	-	-	-	-	-	-	
Syphilis - Congenital		-	-	-	-	-	-	-	-	
Syphilis - Early Latent		-	-	-	-	-	-	-	-	
Syphilis - Late Latent		-	-	-	-	-	-	-	-	
Syphilis - Late with Manifestations		-	-	-	-	-	-	-	-	
Syphilis - Latent of Unknown Duration		-	-	-	-	-	2	1	-	
Syphilis - Primary		-	-	-	-	-	-	-	-	
Syphilis - Secondary		-	1	-	-	-	-	1	-	
Subtotal			129	126	114	130	141	130	149	130
VPD	Chickenpox (Varicella)	44	45	48	18	6	7	9	18	
	Diphtheria	-	-	-	-	-	-	-	-	
	H. influenzae Disease - Inv.	-	-	-	-	-	-	-	-	
	Measles	-	-	-	-	-	-	-	-	
	Mumps	-	-	-	-	-	-	-	-	
	Pertussis	1	-	3	2	3	6	2	2	
	Polio	-	-	-	-	-	-	-	-	
	Rubella	-	-	-	-	-	-	-	-	
	Tetanus	-	-	-	-	-	-	-	-	
	Subtotal		45	45	51	20	9	13	11	20
Vectorborne	Dengue Fever	-	-	-	1	-	-	-	1	
	Ehrlichiosis	-	-	-	-	-	-	-	-	
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-	
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-	
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-	
	Encephalitis, California	-	-	-	-	-	-	-	-	
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	
	Lyme Disease	-	-	1	1	1	1	3	1	

Disease Group	Reportable Condition	Cases in Last 4 Quarters*				Q3 Cases by Year**			
		Q4-06	Q1-07	Q2-07	Q3-07	2004	2005	2006	2007
<b>Vectorborne</b>	Malaria	-	-	-	-	-	-	-	-
	Rocky Mt Spotted Fever	-	-	1	-	-	-	-	-
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	1	2	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	-	-	2	2	1	2	5	2
<b>Viral Hepatitis</b>	Hepatitis A	-	-	2	1	-	1	-	1
	Hepatitis B, Acute	-	1	-	2	-	-	-	2
	Hepatitis B, Chronic	6	4	7	4	-	5	9	4
	Hepatitis B, Perinatal	-	-	-	-	-	-	-	-
	Hepatitis C, Acute	-	2	2	-	-	-	-	-
	Hepatitis C, Chronic	20	21	24	25	8	23	21	25
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	26	28	35	32	8	29	30	32
<b>Total</b>	4477	8291	3363	1172	1547	936	917	1172	

\* Data for cases reported in last four quarters is based on week case was referred to the health department

\* Q1=Jan-Mar, Q2=Apr-Jun, Q3=Jul-Sep Q4=Oct-Dec

\*\* Data for cases reported in same quarter of last 4 years

# 2007 Quarter 3: Ottawa County Communicable Disease Summary

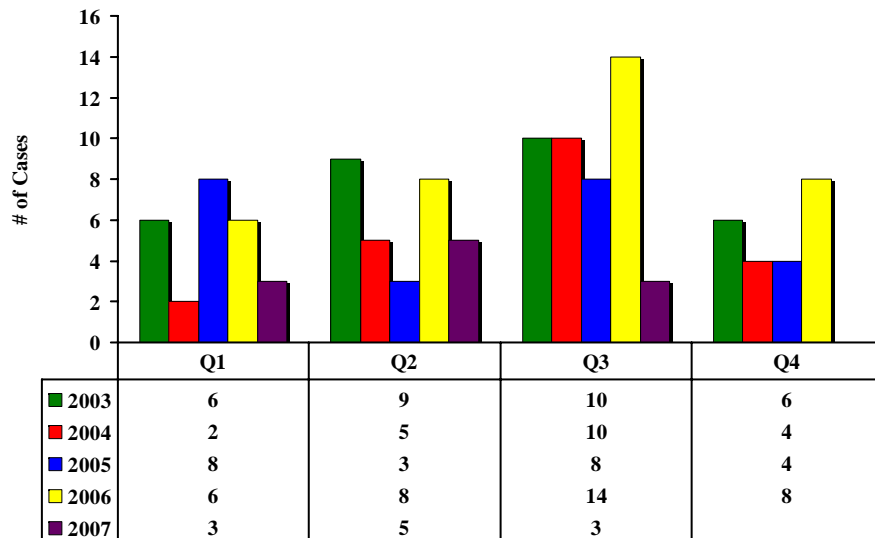
## Interpretation Notes:

Quarter Definition: Q1=Jan-Mar, Q2=Apr-Jun, Q3=Jul-Sep, Q4=Oct-Dec

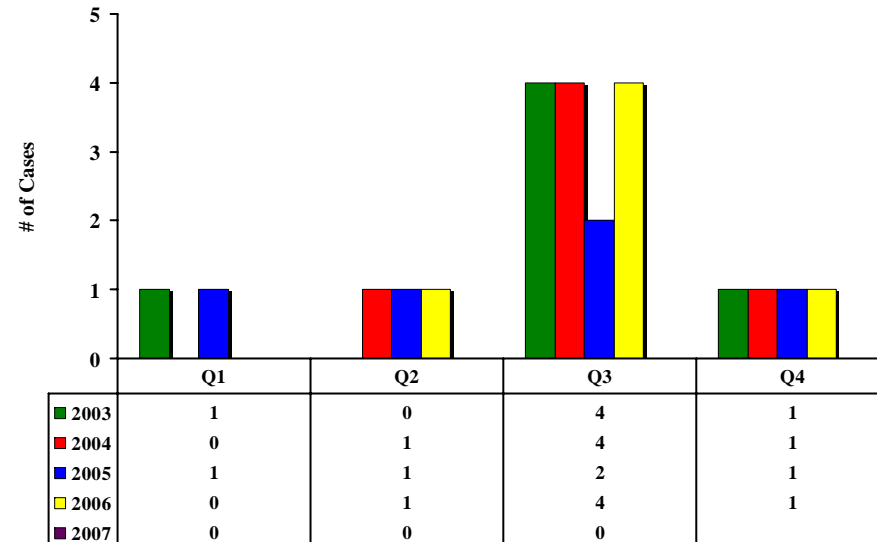
Case counts include: confirmed, probable, suspect, and unknown cases

For questions regarding data contact-Brian Bieber (616)393-5757

### Campylobacter

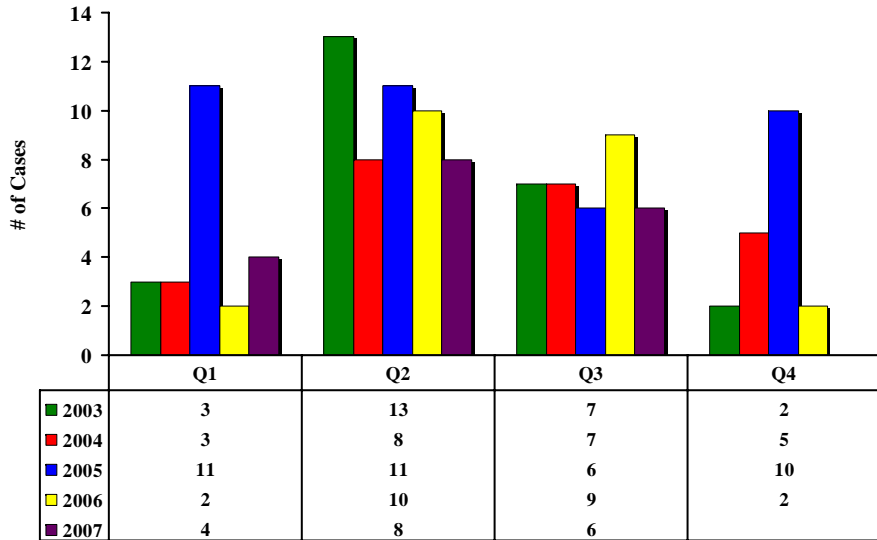


### E. coli O157:H7

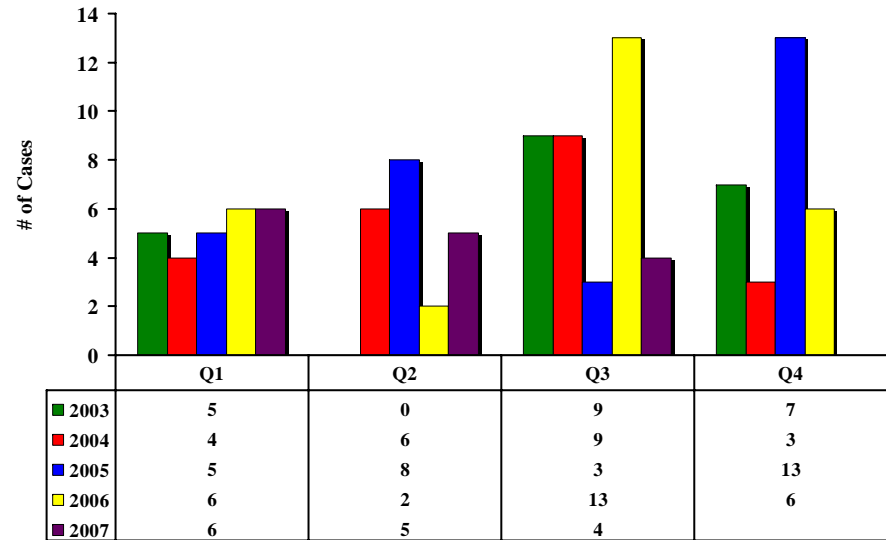




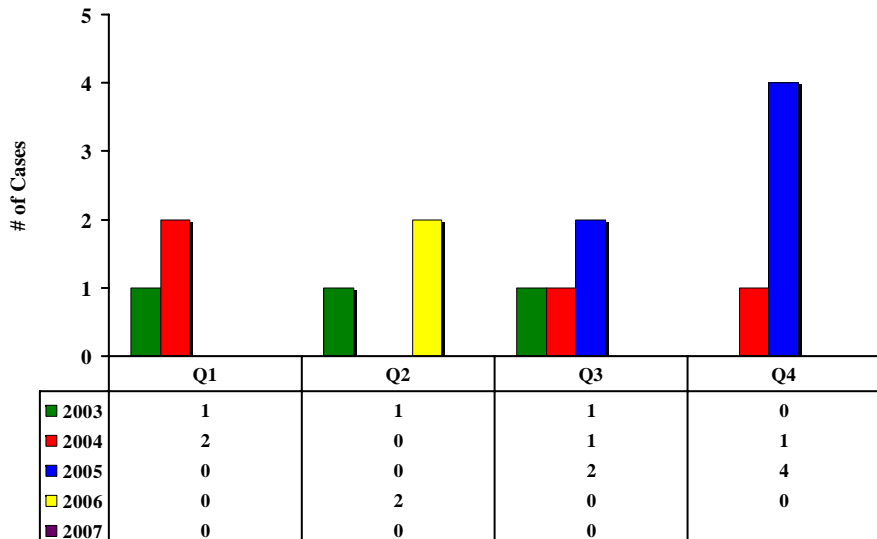
### Salmonellosis



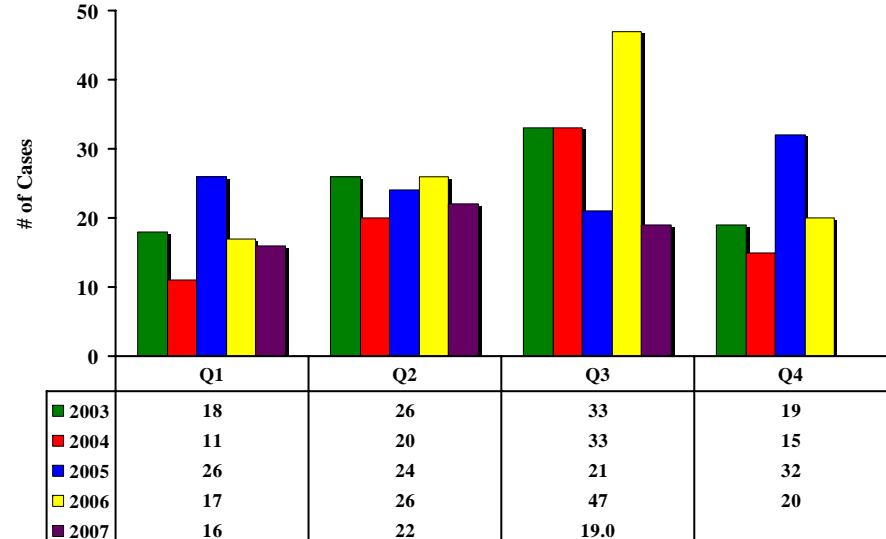
### Giardiasis



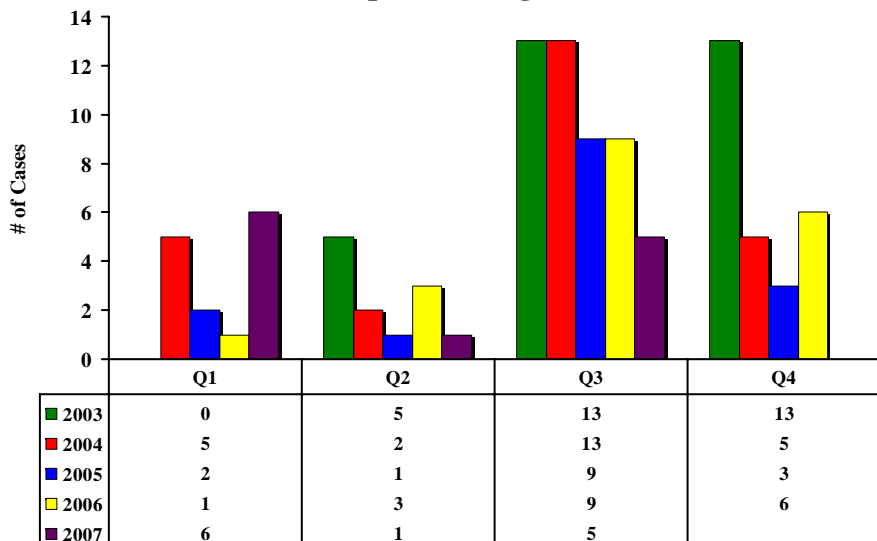
### Shigellosis



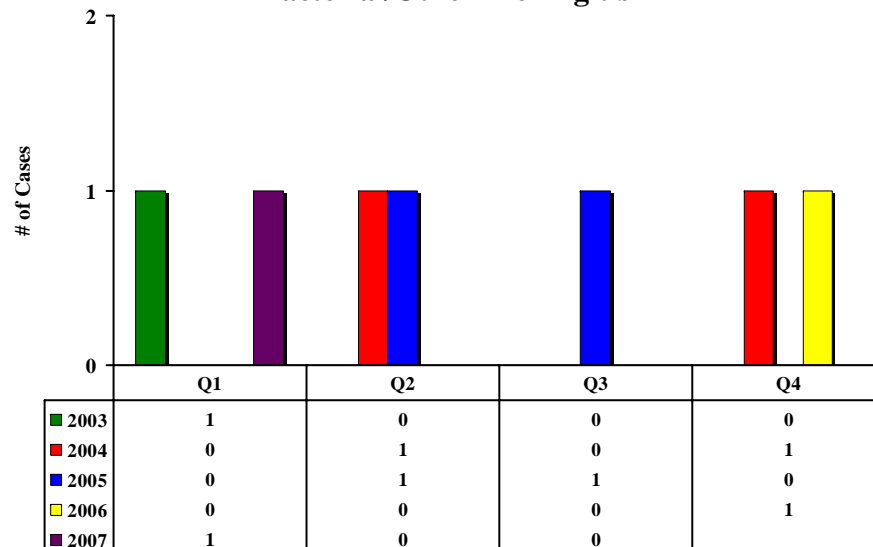
### All Foodborne



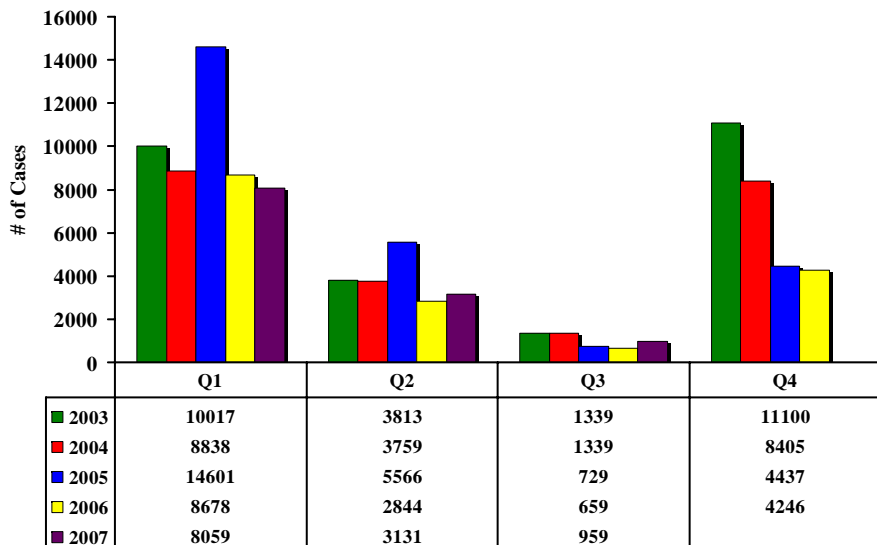
### Asceptic Meningitis



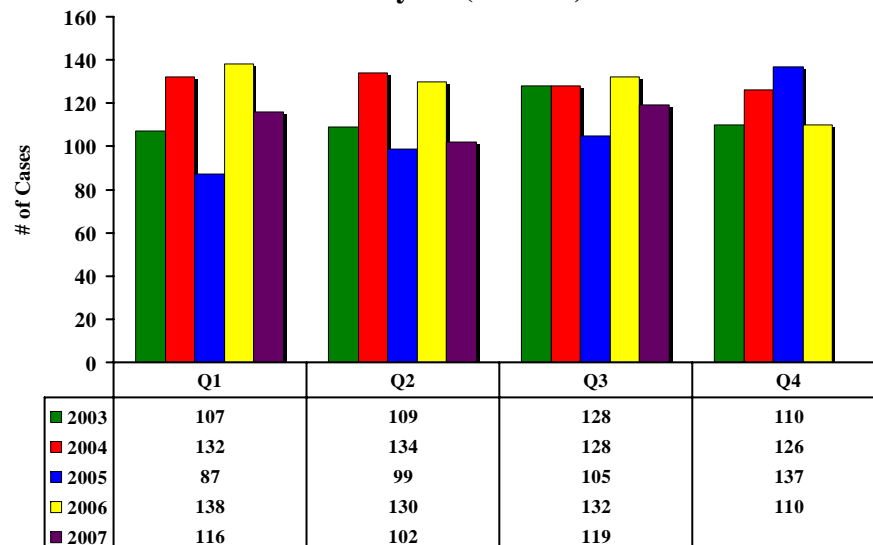
### Bacterial/Other Meningitis



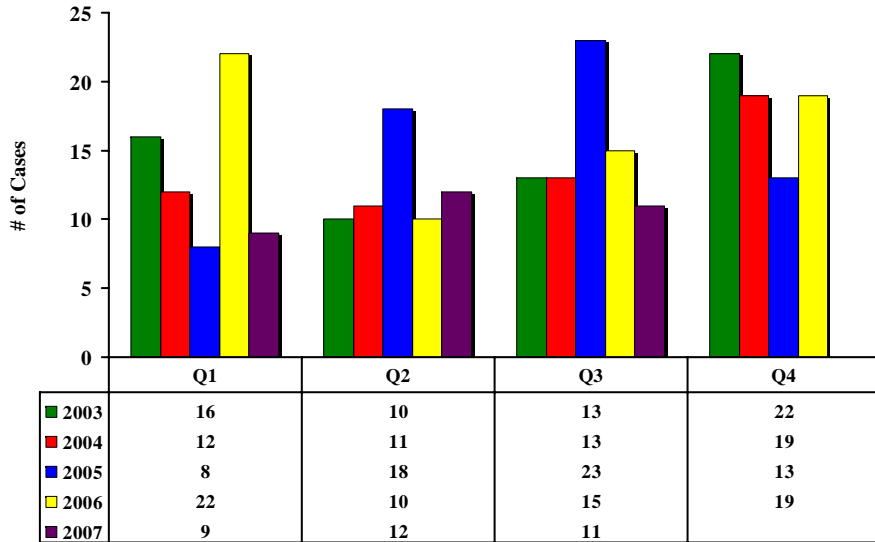
### Flu Like Disease



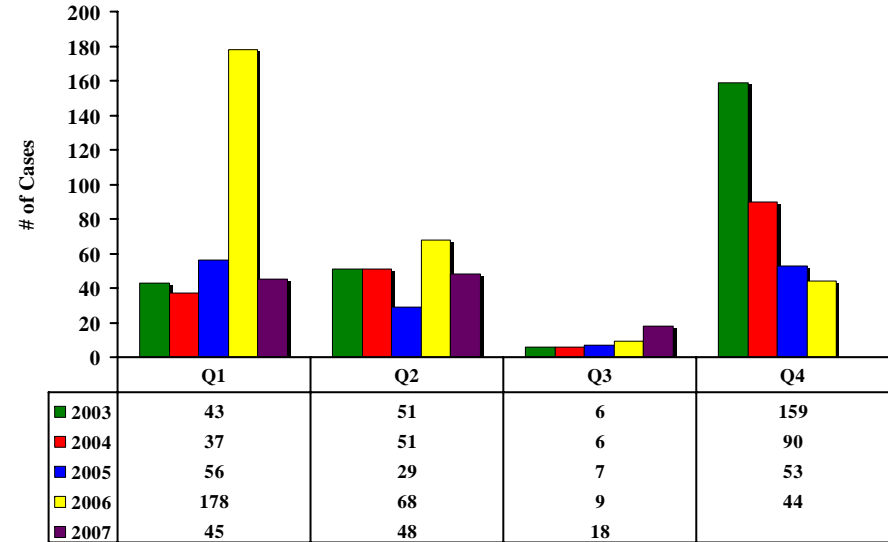
### Chlamydia (Genital)



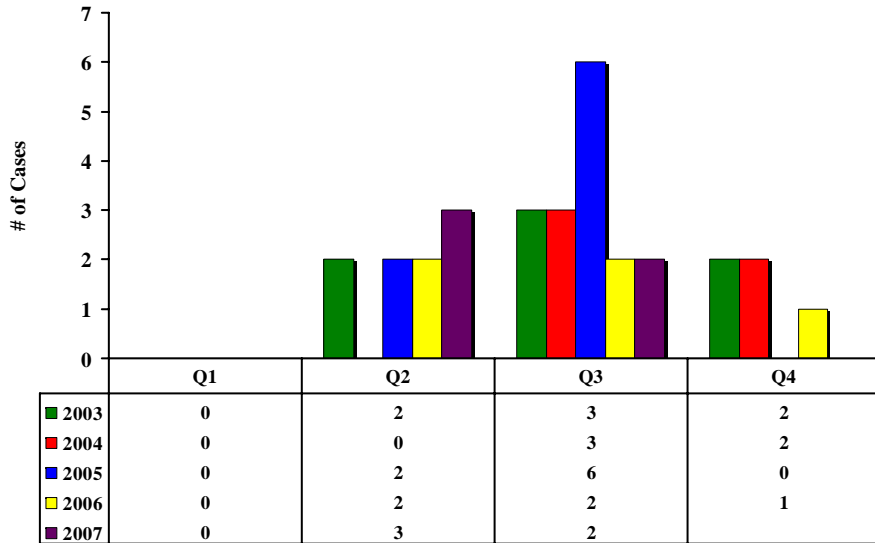
### Gonorrhea



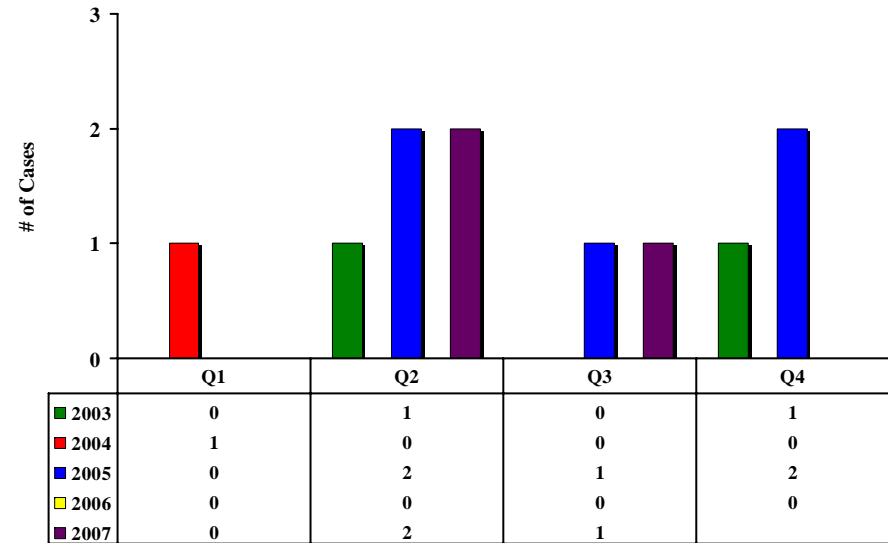
### Chickenpox(Varicella)



### Pertussis



### Hepatitis A



# 2007 Quarterly Reportable Disease Summary

## Quarter 4 (October-December)



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

The data in the Quarterly Disease Summary are provisional, based on current reports in the Michigan Disease Surveillance System (MDSS) made by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. The Quarterly Disease Summary reflects this constant activity as the numbers may slightly fluctuate each quarter. Therefore, it should be kept in mind that numbers in the Quarterly Disease Summary are NOT final and should be used only to generally monitor trends over time. Suspected, probable, unknown or laboratory confirmed cases of the reportable condition are included in the report.

Specific data requests and questions should be directed towards:

Brian Bieber MS, MPH  
OCHD Epidemiologist  
[bbieber@co.ottawa.mi.us](mailto:bbieber@co.ottawa.mi.us)  
(616)393-5757



Disease Group	Reportable Condition	Cases in Last 4 Quarters*				Q4 Cases by Year**				
		Q1-07	Q2-07	Q3-07	Q4-07	2004	2005	2006	2007	
Other	Leptospirosis	-	-	-	-	-	-	-	-	
	Plague	-	-	-	-	-	-	-	-	
	Psittacosis	-	-	-	-	-	-	-	-	
	Q Fever	-	-	-	-	-	-	-	-	
	Rabies Human	-	-	-	-	-	-	-	-	
	Reye Syndrome	-	-	-	-	-	-	-	-	
	Rheumatic Fever	-	-	-	-	-	-	-	-	
	Rubella - Congenital	-	-	-	-	-	-	-	-	
	Toxic Shock	-	-	-	-	-	-	-	-	
	Trachoma	-	-	-	-	-	-	-	-	
	Trichinosis	-	-	-	-	-	-	-	-	
	Tularemia	-	-	-	-	-	-	-	-	
	Unusual Outbreak or Occurrence	-	1	-	-	1	-	-	-	
	Subtotal		8066	3137	964	7609	8409	4441	4249	7609
	STD	Chancroid	-	-	-	-	-	-	-	-
Chlamydia (Genital)		116	102	119	142	126	137	110	142	
Gonorrhea		9	12	11	26	19	13	19	26	
Granuloma Inguinale		-	-	-	-	-	-	-	-	
Lymphogranuloma venereum		-	-	-	-	-	-	-	-	
Syphilis - Congenital		-	-	-	-	-	-	-	-	
Syphilis - Early Latent		-	-	-	-	-	-	-	-	
Syphilis - Late Latent		-	-	-	-	-	-	-	-	
Syphilis - Late with Manifestations		-	-	-	-	-	-	-	-	
Syphilis - Latent of Unknown Duration		-	-	-	-	-	-	-	-	
Syphilis - Primary		-	-	-	-	-	-	-	-	
Syphilis - Secondary		1	-	-	-	-	-	-	-	
Subtotal			126	114	130	168	145	150	129	168
VPD	Chickenpox (Varicella)	45	48	18	76	90	53	44	76	
	Diphtheria	-	-	-	-	-	-	-	-	
	H. influenzae Disease - Inv.	-	-	-	-	-	1	-	-	
	Measles	-	-	-	-	-	-	-	-	
	Mumps	-	-	-	-	-	-	-	-	
	Pertussis	-	3	2	-	2	-	1	-	
	Polio	-	-	-	-	-	-	-	-	
	Rubella	-	-	-	-	-	-	-	-	
	Tetanus	-	-	-	-	-	-	-	-	
	Subtotal		45	51	20	76	92	54	45	76
Vectorborne	Dengue Fever	-	-	1	-	-	-	-	-	
	Ehrlichiosis	-	-	-	-	-	-	-	-	
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	-	
	Ehrlichiosis, human monocytic	-	-	-	-	-	-	-	-	
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	-	-	
	Encephalitis, California	-	-	-	-	-	-	-	-	
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	
	Lyme Disease	-	1	2	-	-	1	-	-	

Disease Group	Reportable Condition	Cases in Last 4 Quarters*				Q4 Cases by Year**			
		Q1-07	Q2-07	Q3-07	Q4-07	2004	2005	2006	2007
<b>Vectorborne</b>	Malaria	-	-	-	-	-	-	-	-
	Rocky Mt Spotted Fever	-	1	-	-	-	-	-	-
	Typhus	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	-	-	-
	Yellow Fever	-	-	-	-	-	-	-	-
	Subtotal	-	2	3	-	-	1	-	-
<b>Viral Hepatitis</b>	Hepatitis A	-	2	1	<b>1</b>	-	2	-	<b>1</b>
	Hepatitis B, Acute	1	-	3	<b>1</b>	-	1	-	<b>1</b>
	Hepatitis B, Chronic	4	7	3	<b>3</b>	2	13	7	<b>3</b>
	Hepatitis B, Perinatal	-	-	-	-	-	-	-	-
	Hepatitis C, Acute	2	2	-	-	-	-	-	-
	Hepatitis C, Chronic	21	24	25	<b>15</b>	6	28	20	<b>15</b>
	Hepatitis D	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-
	Subtotal	28	35	32	<b>20</b>	8	44	27	<b>20</b>
	<b>Total</b>	8291	3363	1175	<b>7910</b>	8675	4729	4479	<b>7910</b>

\* Data for cases reported in last four quarters is based on week case was referred to the health department

\* Q1=Jan-Mar, Q2=Apr-Jun, Q3=Jul-Sep Q4=Oct-Dec

\*\* Data for cases reported in same quarter of last 4 years

# 2007 Quarter 4: Ottawa County Communicable Disease Summary

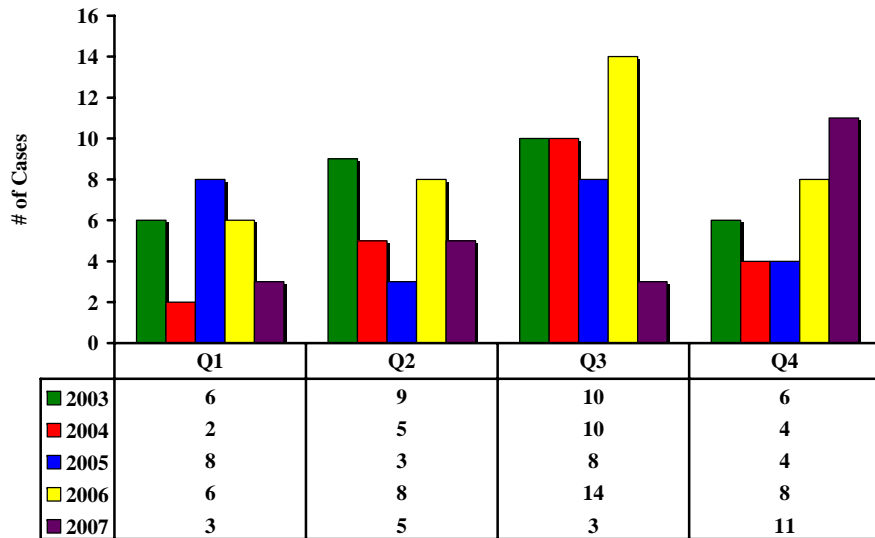
## Interpretation Notes:

Quarter Definition: Q1=Jan-Mar, Q2=Apr-Jun, Q3=Jul-Sep, Q4=Oct-Dec

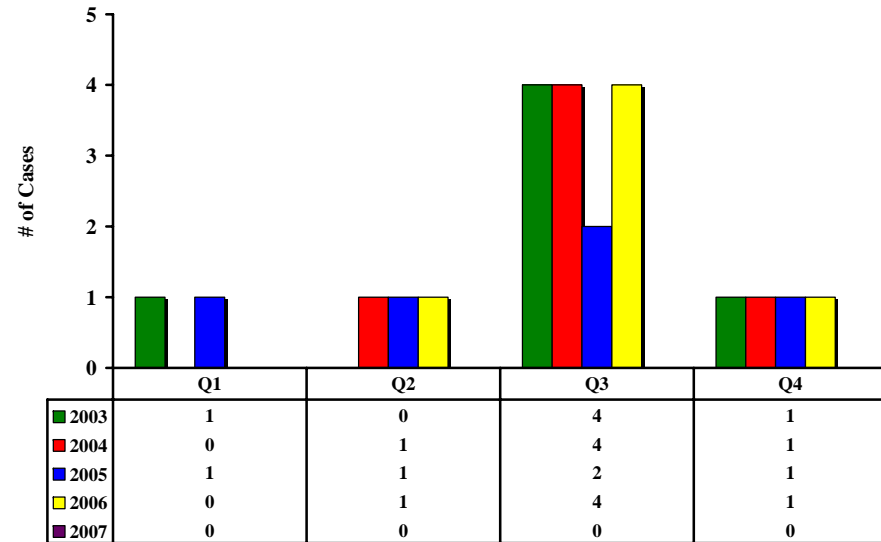
Case counts include: confirmed, probable, suspect, and unknown cases

For questions regarding data contact-Brian Bieber (616)393-5757

### Campylobacter

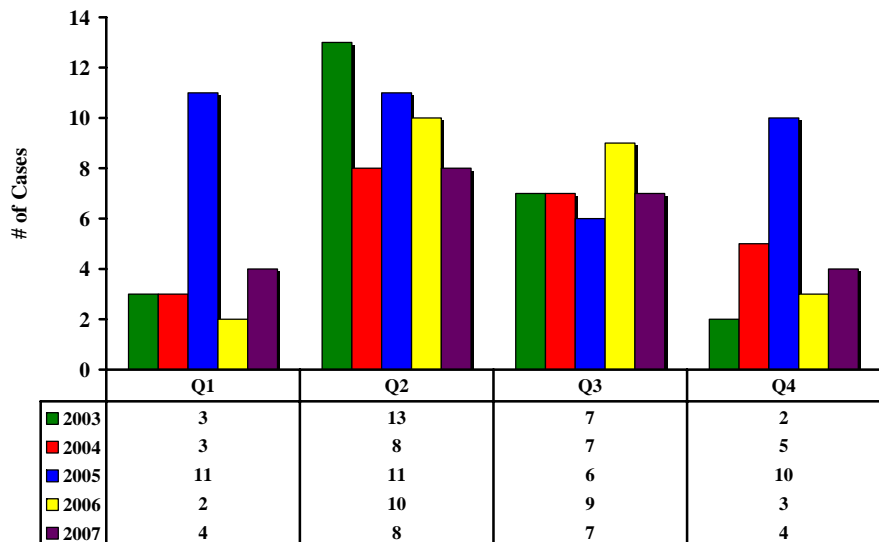


### E. coli O157:H7

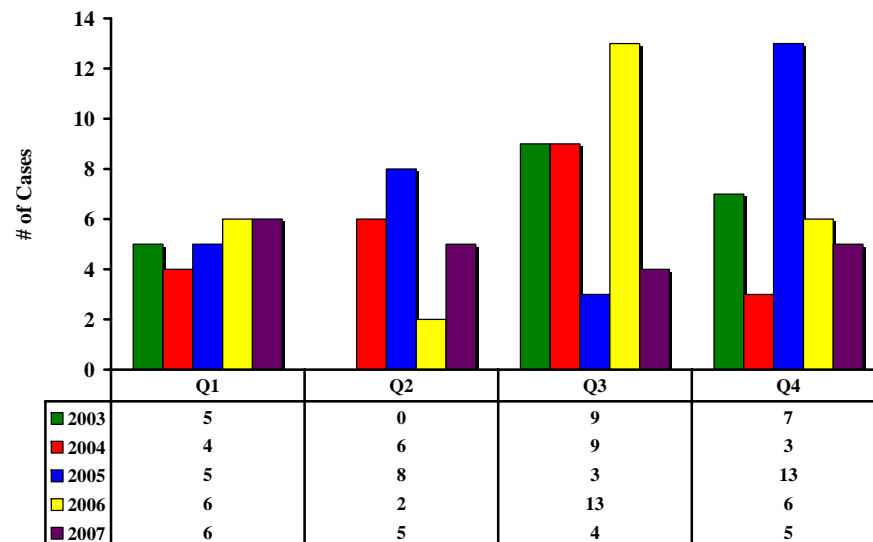




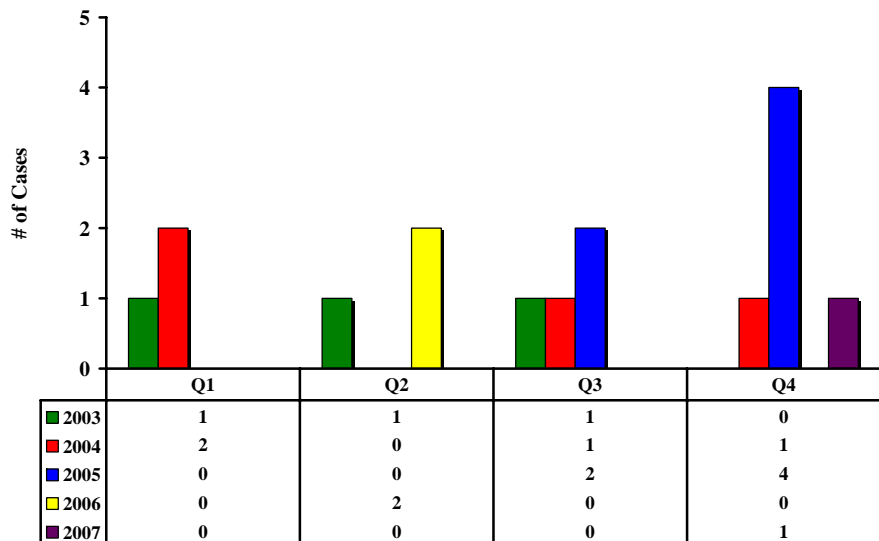
**Salmonellosis**



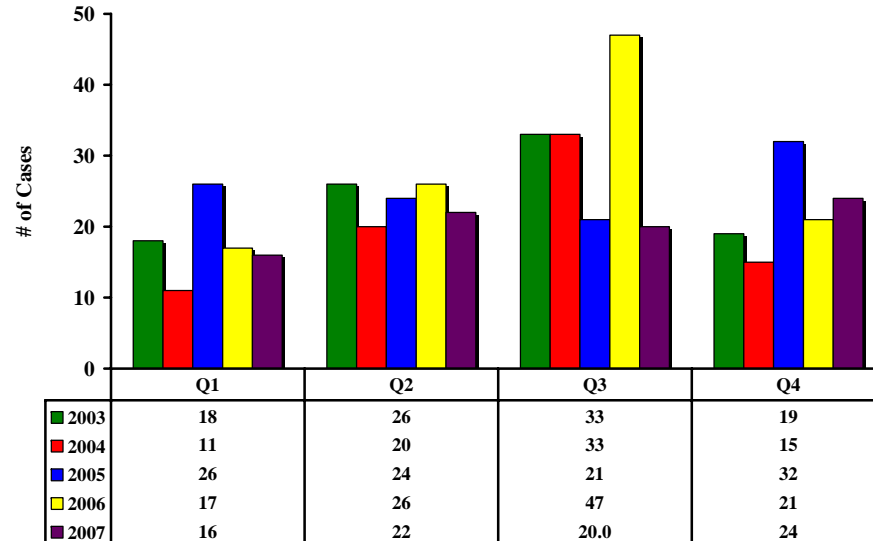
**Giardiasis**



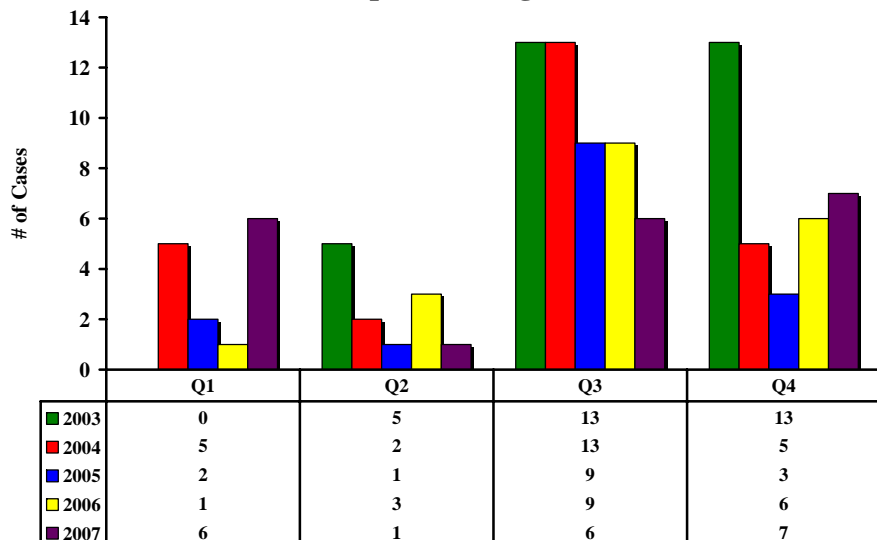
**Shigellosis**



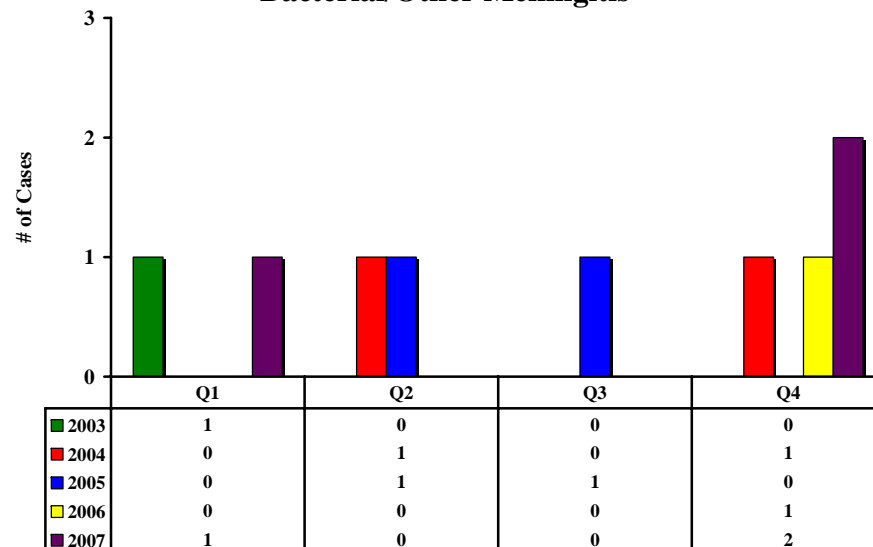
**All Foodborne**



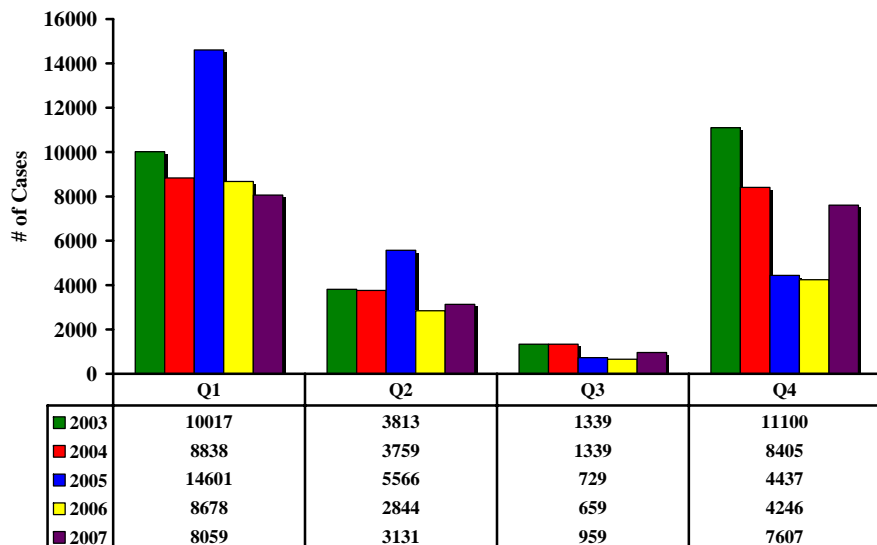
### Asceptic Meningitis



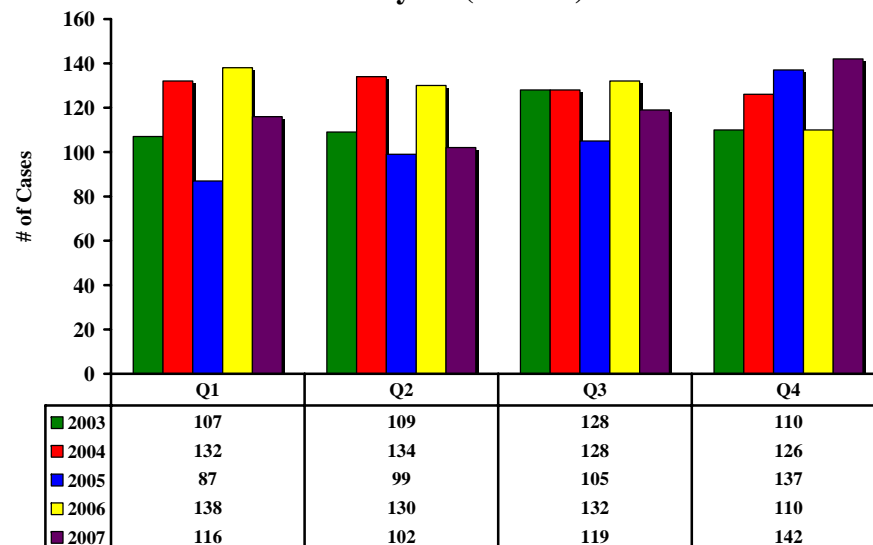
### Bacterial/Other Meningitis



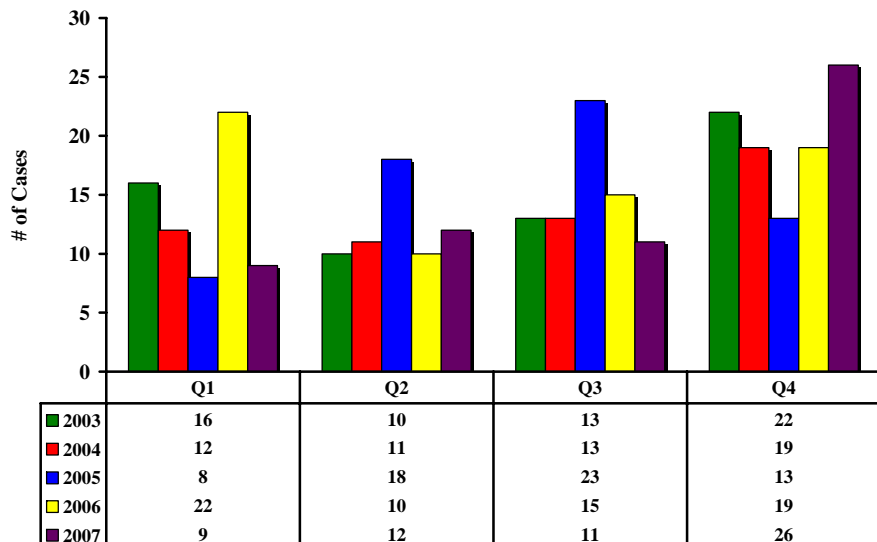
### Flu Like Disease



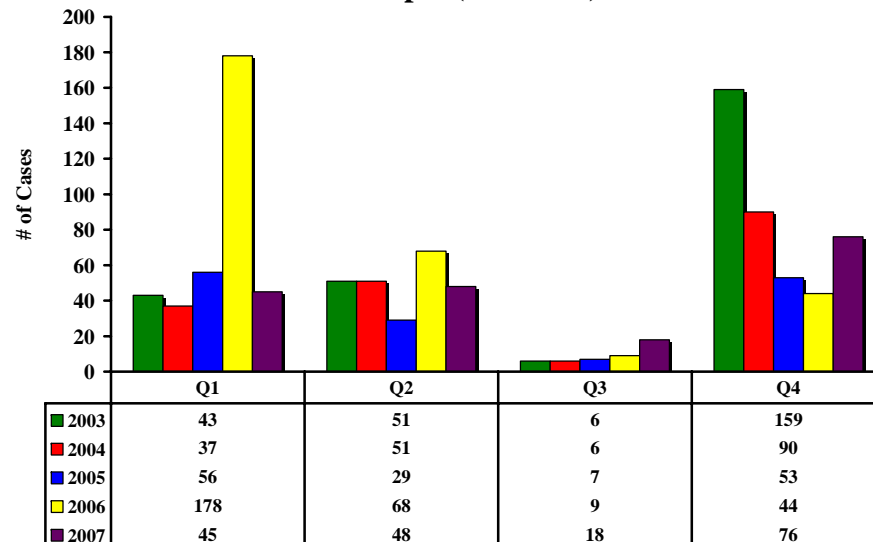
### Chlamydia (Genital)



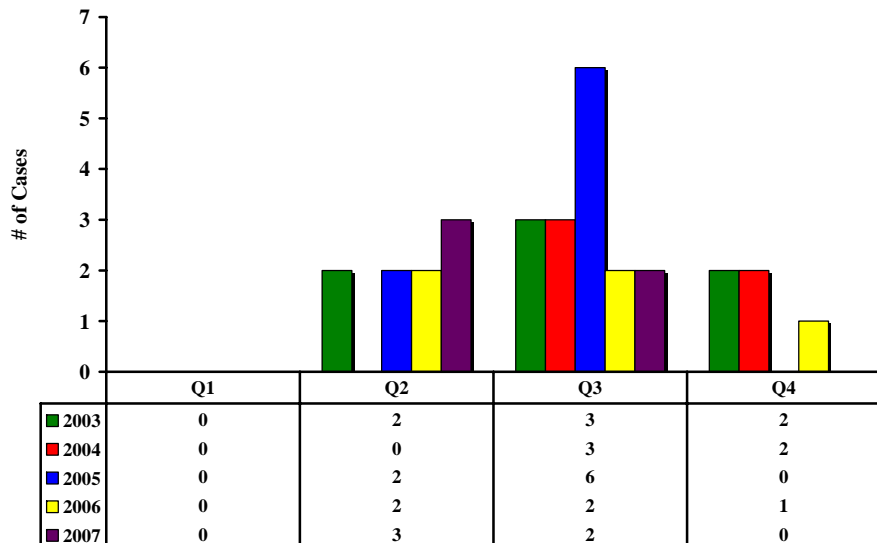
### Gonorrhea



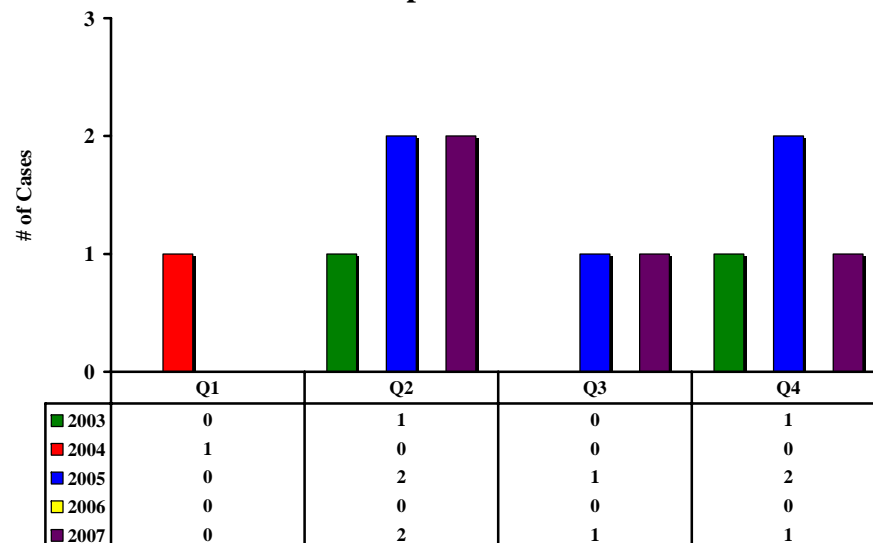
### Chickenpox(Varicella)



### Pertussis



### Hepatitis A



# Year End Reportable Disease Summary

## 2007



Ottawa County Health Department  
12251 James St  
Holland, MI 49424

The data in the Yearly Disease Summary are provisional, based on current reports in the Michigan Disease Surveillance System (MDSS) made by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. The Quarterly Disease Summary reflects this constant activity as the numbers may slightly fluctuate each quarter. Therefore, it should be kept in mind that numbers in the Quarterly Disease Summary are NOT final and should be used only to generally monitor trends over time. Suspected, probable, unknown or laboratory confirmed cases of the reportable condition are included in the report.

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OCHD Epidemiologist  
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(616)393-5757

Disease Group	Reportable Condition	Ottawa County Cases*					Michigan Cases				
		'03	'04	'05	'06	'07	'03	'04	'05	'06	'07
<b>Foodborne</b>	Amebiasis	1	-	-	3	-	39	52	49	58	43
	Botulism - Foodborne	-	-	-	-	-	-	-	1	-	-
	Campylobacter	31	18	23	36	22	840	875	817	910	890
	Cryptosporidiosis	6	7	-	13	12	153	156	112	150	209
	Escherichia coli O157:H7	6	4	5	6	-	95	84	83	76	68
	Giardiasis	21	25	29	27	20	768	737	788	710	611
	Listeriosis	1	-	1	-	1	21	30	27	20	20
	Salmonellosis	25	26	38	24	23	797	852	951	991	972
	Shiga toxin, E. Coli, Non O157	2	-	-	-	2	2	11	2	6	21
	Shiga toxin, E. Coli, Unsp	-	-	-	-	1	-	6	8	14	40
	Shigellosis	3	4	6	2	1	230	255	234	150	82
	Typhoid Fever	-	-	-	-	-	9	9	6	7	8
	Yersinia enteritis	-	-	1	-	-	21	21	21	24	22
	<b>Foodborne Subtotal</b>	<b>96</b>	<b>84</b>	<b>103</b>	<b>111</b>	<b>82</b>	<b>2,975</b>	<b>3,088</b>	<b>3,099</b>	<b>3,116</b>	<b>2,986</b>
<b>Meningitis</b>	Meningitis - Aseptic	31	18	15	19	20	1,322	1,133	1,228	1,131	974
	Meningitis - Bacterial Other	1	3	2	1	3	100	139	143	120	151
	Meningococcal Disease	-	-	-	1	-	51	50	44	29	30
	Streptococcus pneumoniae, Inv	2	-	8	6	10	109	138	418	594	646
	<b>Meningitis Subtotal</b>	<b>34</b>	<b>21</b>	<b>25</b>	<b>27</b>	<b>33</b>	<b>1,582</b>	<b>1,460</b>	<b>1,833</b>	<b>1,874</b>	<b>1,801</b>
<b>Other</b>	Anthrax	-	-	-	-	-	-	-	-	-	
	Blastomycosis	-	-	-	-	-	16	13	10	20	16
	Botulism - Infant	-	-	-	-	-	-	-	-	-	-
	Botulism - Other	-	-	-	-	-	-	-	-	-	-
	Brucellosis	-	-	-	-	1	5	3	1	3	5
	Cholera	-	-	-	-	-	-	-	2	-	1
	Coccidioidomycosis	-	-	-	2	-	8	13	15	45	27
	Creutzfeldt-Jakob Disease	-	-	-	-	-	-	4	11	8	13
	Cryptococcosis	-	-	-	-	-	42	46	54	50	49
	Cyclosporiasis	-	-	-	-	-	1	3	2	-	1
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	1	3	1
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Other	-	-	-	1	-	6	10	12	19	16
	Encephalitis, Primary	-	-	1	-	-	47	33	28	32	31
	Flu Like Disease	26,269	21,354	25,333	16,427	19,756	542,175	381,119	437,093	390,141	403,335
	Guillain-Barre Syndrome	2	2	1	2	1	53	59	62	54	53
	Hantavirus	-	-	-	-	-	-	-	-	-	-
	Hantavirus, Other	-	-	-	-	-	-	-	-	-	-
	Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-	-
	Head Lice	-	-	-	-	-	-	1	1	1	-
	Hemolytic Uremic Syndrome	1	-	-	-	-	4	5	5	5	6
	Hemorrhagic Fever	-	-	-	-	-	-	-	-	-	-
	Hepatitis - Unspecified	-	-	-	-	-	2	2	4	1	1
	Histoplasmosis	4	3	7	7	9	71	58	67	115	121
	Influenza	-	-	-	-	5	-	-	-	98	1,140
	Influenza, Novel	-	-	-	-	-	-	-	-	-	2
	Kawasaki	-	-	-	2	1	77	85	75	98	71
	Legionellosis	3	-	1	1	2	130	137	123	173	190
	Leprosy	-	-	-	-	-	1	1	1	-	2

Disease Group	Reportable Condition	Ottawa County Cases*					Michigan Cases				
		'03	'04	'05	'06	'07	'03	'04	'05	'06	'07
<b>Other</b>	Leptospirosis	-	-	-	-	-	-	-	1	1	3
	Plague	-	-	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-	-	2
	Q Fever	-	-	-	-	-	1	-	3	3	4
	Rabies Human	-	-	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	1	-	1	-
	Rheumatic Fever	-	-	-	-	-	6	-	1	1	2
	Rubella - Congenital	-	-	-	-	-	-	-	-	-	-
	Staphylococcus Aureus Infect.	1	3	1	1	-	31	47	77	52	22
	Strep Pneumo, Drug Resistant	-	-	-	-	-	-	6	47	17	3
	Streptococcal Dis, Inv, Grp A	4	4	5	2	4	356	292	215	199	208
	Streptococcal Toxic Shock	-	-	-	-	-	1	-	3	2	2
	Toxic Shock	1	1	-	-	-	14	13	10	7	8
	Trachoma	-	-	-	-	-	1	-	1	4	3
	Trichinosis	-	-	-	-	-	-	-	4	-	1
	Tularemia	-	-	-	-	-	-	-	2	-	-
	Unusual Outbreak or Occurrence	-	1	-	9	1	-	136	127	321	105
	Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-
	Other Subtotal		26,285	21,368	25,350	16,454	19,781	543,049	382,906	439,657	392,771
<b>STD</b>	Chancroid	-	-	-	-	-	-	-	-	2	1
	Chlamydia (Genital)	454	503	428	510	479	32,550	37,987	39,417	38,547	36,629
	Gonorrhea	61	67	62	66	58	13,967	16,089	18,120	16,766	14,992
	Granuloma Inguinale	-	-	-	-	-	-	-	-	1	1
	Lymphogranuloma venereum	-	-	-	-	-	-	-	1	-	-
	Syphilis - Congenital	-	-	-	-	-	34	28	17	9	13
	Syphilis - Early Latent	-	-	-	-	-	-	-	69	44	74
	Syphilis - Late Latent	-	-	-	-	-	-	-	42	105	117
	Syphilis - Late with Manifestations	-	-	-	-	-	-	-	8	6	8
	Syphilis - Latent of Unknown Duration	-	-	3	1	-	-	-	244	107	137
	Syphilis - Primary	-	-	1	-	-	249	178	40	38	37
	Syphilis - Secondary	-	-	-	1	1	-	-	65	87	82
	STD Subtotal		515	570	494	578	538	46,800	54,282	58,023	55,712
<b>Tuberculosis</b>	Tuberculosis	2	3	5	6	3	243	272	205	175	180
<b>VPD</b>	Chickenpox (Varicella)	259	181	145	299	187	4,171	4,242	4,008	5,238	4,108
	Diphtheria	-	-	-	-	-	-	-	-	-	-
	H. influenzae Disease - Inv.	1	-	2	2	-	28	21	24	32	30
	Measles	-	-	-	-	-	2	-	1	1	3
	Mumps	-	-	-	-	-	8	3	23	85	30
	Pertussis	7	4	8	5	5	140	317	334	628	271
	Polio	-	-	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	1	1	3
	Tetanus	-	-	-	-	-	-	-	1	3	-
	VPD Subtotal		267	185	155	306	192	4,349	4,583	4,392	5,988
<b>Vectorborne</b>	Dengue Fever	-	-	-	1	2	3	6	7	9	13
	Ehrlichiosis	-	-	-	-	-	-	1	-	-	-
	Ehrlichiosis, human granulocytic	-	-	-	-	-	-	-	2	1	-
	Ehrlichiosis, human monocytic	-	-	-	-	-	1	-	-	2	-
	Ehrlichiosis human, other, unsp	-	-	-	-	-	-	1	-	-	-

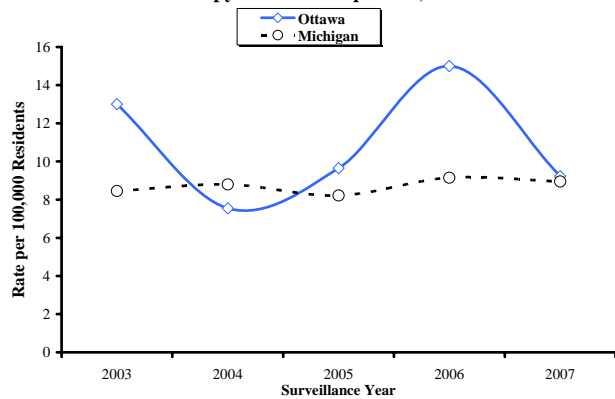
Disease Group	Reportable Condition	Ottawa County Cases*					Michigan Cases				
		'03	'04	'05	'06	'07	'03	'04	'05	'06	'07
<b>Vectorborne</b>	Encephalitis, California	-	-	-	-	-	1	1	-	1	1
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	6	3	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-	-
	Lyme Disease	1	1	4	4	3	12	28	63	56	72
	Malaria	-	1	-	-	-	26	21	24	22	22
	Rocky Mt Spotted Fever	1	-	-	-	1	6	3	5	7	3
	Typhus	-	-	-	-	-	-	-	2	-	-
	West Nile Virus	-	-	1	2	-	15	14	64	65	19
	Yellow Fever	-	-	-	-	-	-	-	-	-	-
	Vectorborne Subtotal	2	2	5	7	6	70	78	167	163	130
<b>Viral Hepatitis</b>	Hepatitis A	2	1	5	-	4	202	151	127	136	119
	Hepatitis B, Acute	1	1	2	1	5	219	255	181	169	170
	Hepatitis B, Chronic	1	2	33	37	17	421	1,347	1,680	1,900	1,785
	Hepatitis B, Perinatal	-	-	-	1	-	1	1	2	3	2
	Hepatitis C, Acute	2	-	1	1	4	79	86	110	298	148
	Hepatitis C, Chronic	69	38	85	88	85	4,849	5,297	7,325	8,068	6,453
	Hepatitis C, Unknown	-	-	-	-	1	-	-	1	1	79
	Hepatitis D	-	-	-	-	-	-	-	1	4	1
	Hepatitis E	-	-	-	-	-	-	-	2	1	-
	Hepatitis Non A Non B	-	-	-	-	-	17	1	-	-	-
	Viral Hepatitis Subtotal	75	42	126	128	116	5,788	7,138	9,429	10,580	8,757
<b>Total</b>	27,281	22,286	26,269	17,621	20,760	605,162	454,507	517,829	471,250	478,696	

\* Data for cases is based on year case was referred to the health department

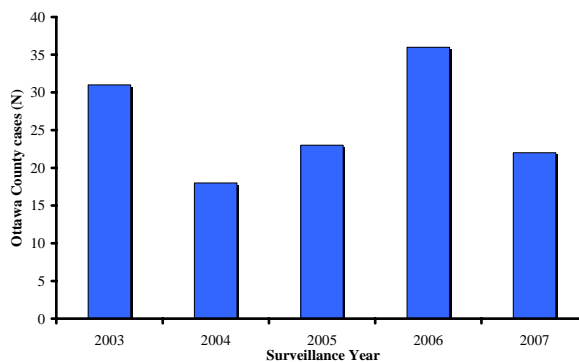
'-' Indicates no cases were reported

# Foodborne Illness

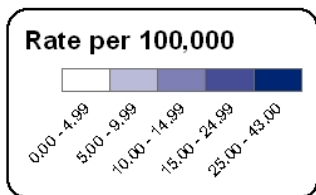
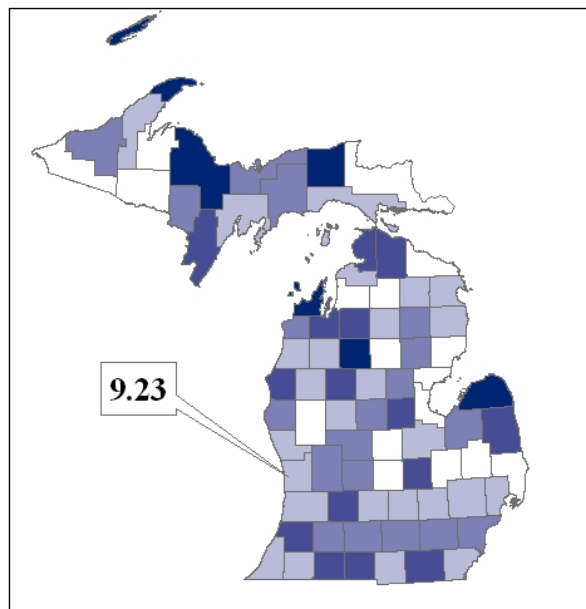
Campylobacter rate per 100,000



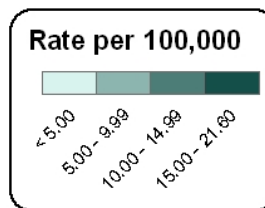
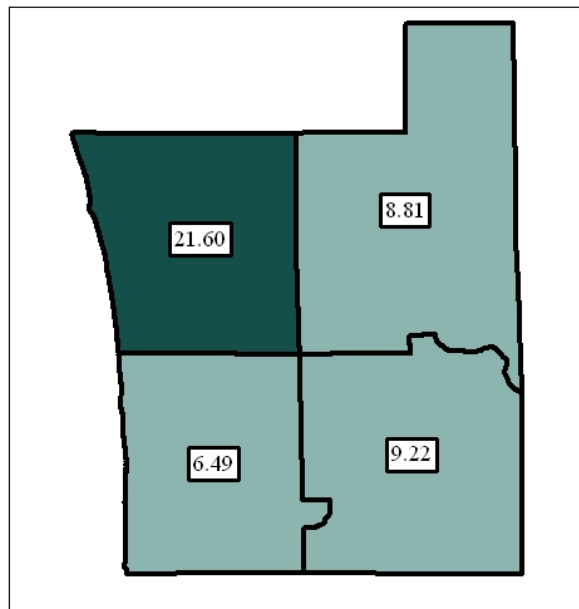
Campylobacter cases in Ottawa County



Michigan Campylobacter Rates by County  
2007

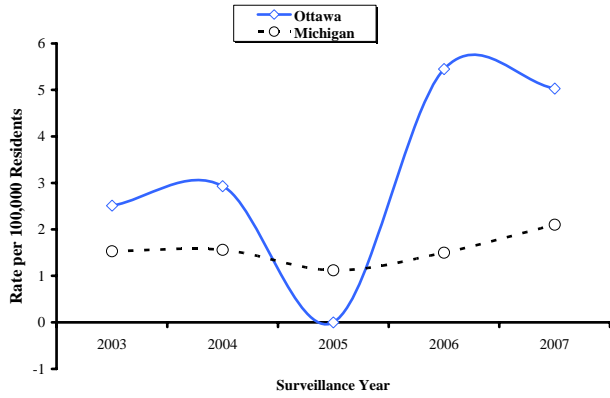


Ottawa Campylobacter Rates by Quadrant  
2003-2007

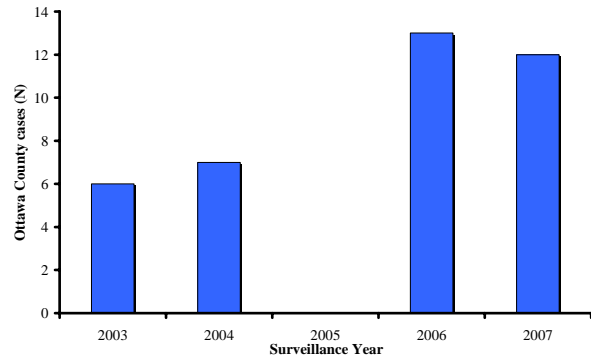




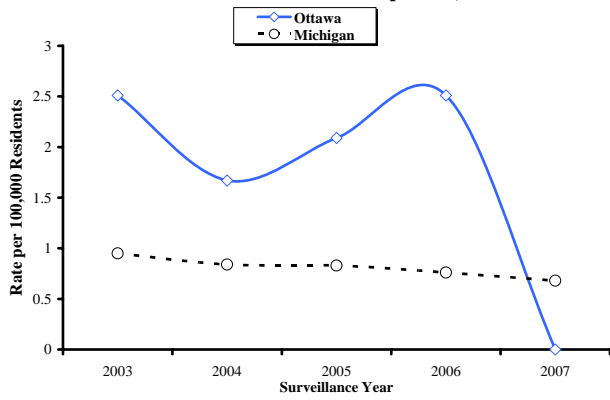
**Cryptosporidiosis rate per 100,000**



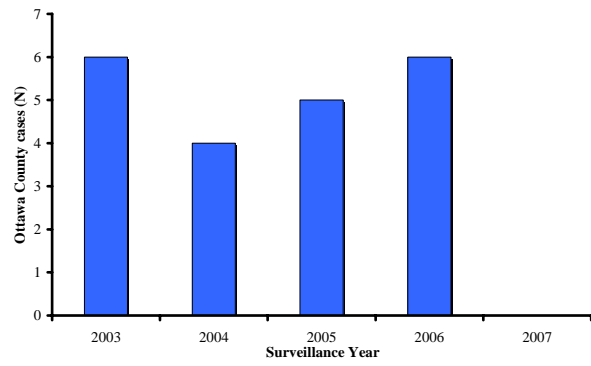
**Cryptosporidiosis cases in Ottawa County**

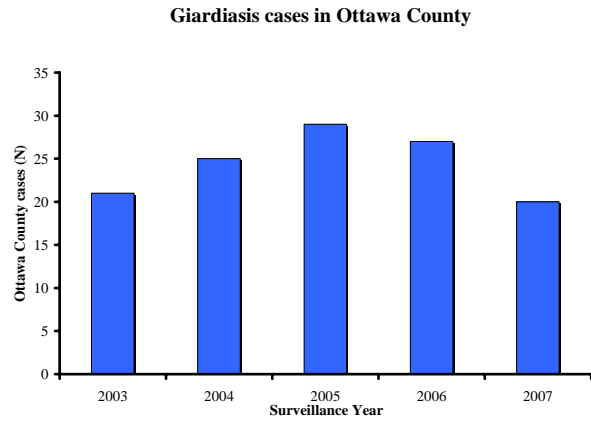
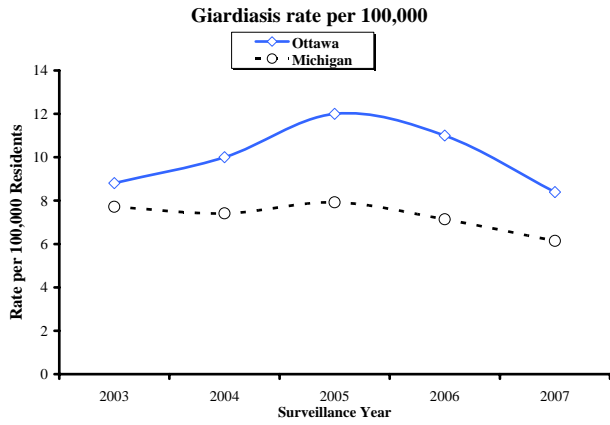


**Escherichia coli 0157:H7 rate per 100,000**

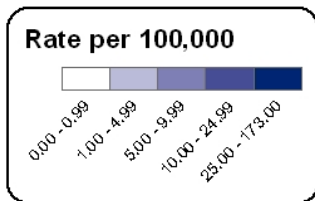
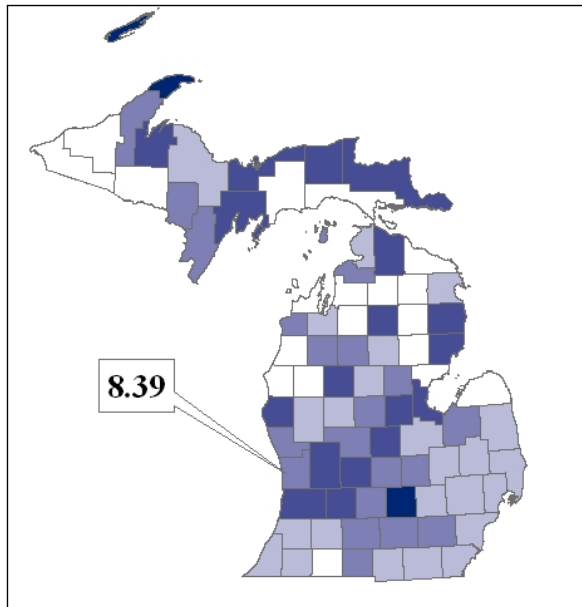


**Escherichia coli 0157:H7 cases in Ottawa County**

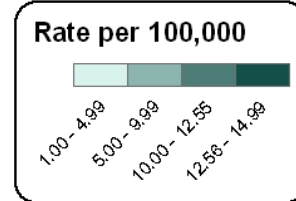
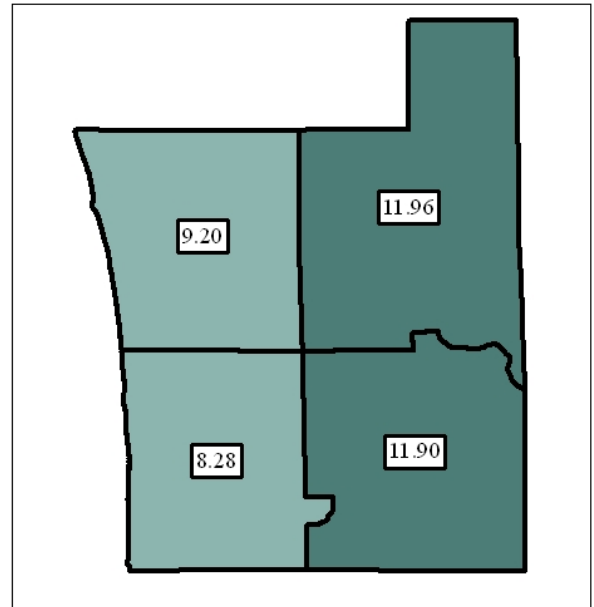


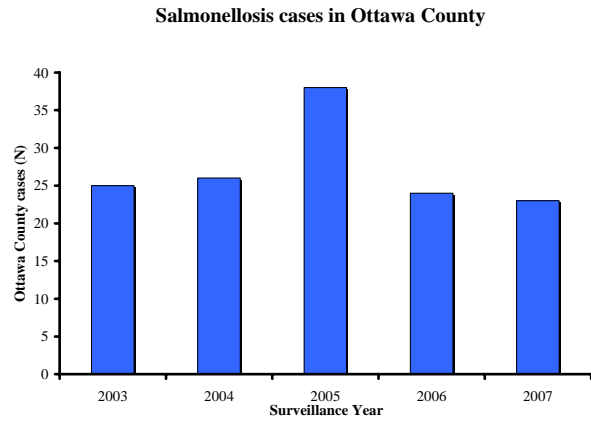
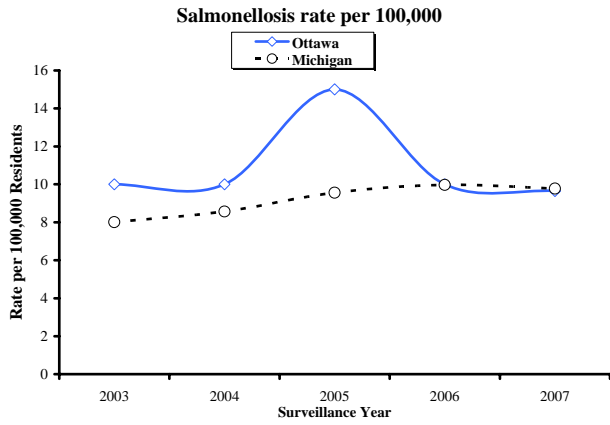


**Michigan Giardiasis Rates by County**  
2007

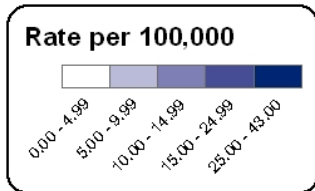
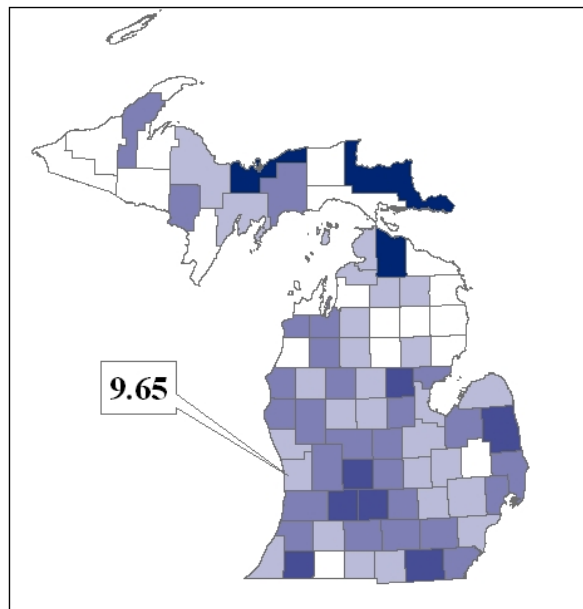


**Ottawa Giardiasis Rates by Quadrant**  
2003-2007

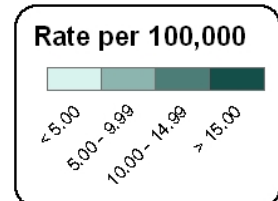
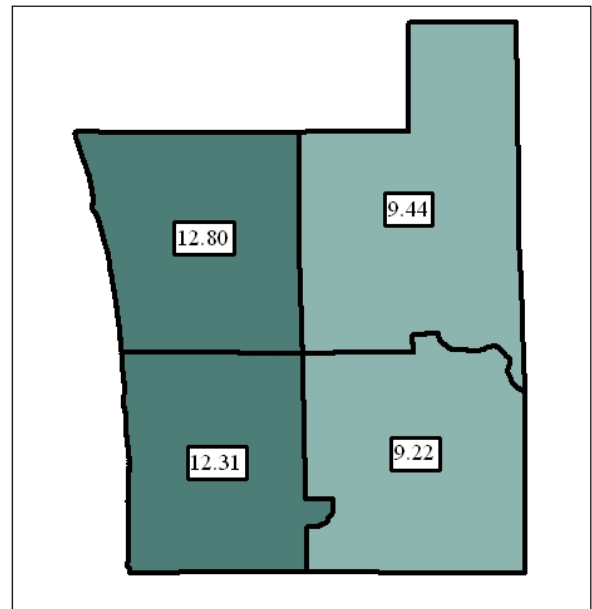




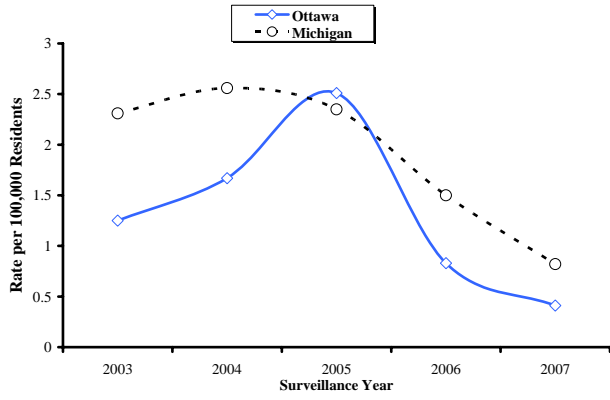
**Michigan Salmonella Rates by County**  
2007



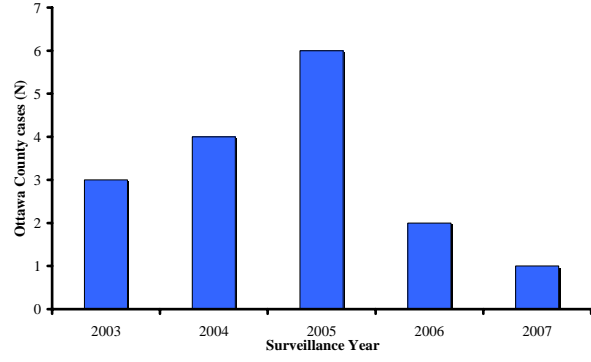
**Ottawa Salmonella Rates by Quadrant**  
2003-2007



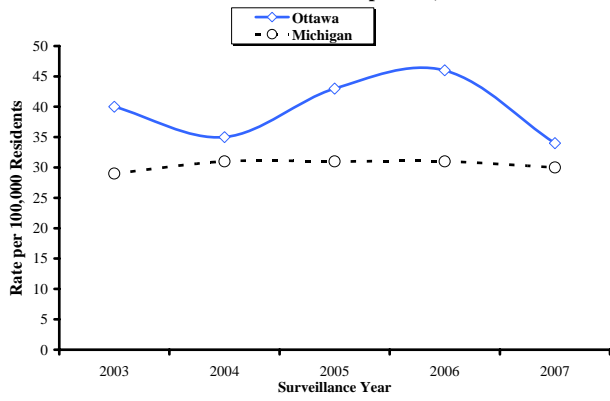
Shigellosis rate per 100,000



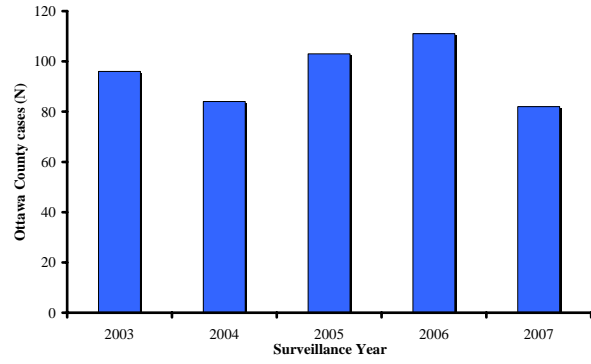
Shigellosis cases in Ottawa County



Foodborne Subtotal rate per 100,000

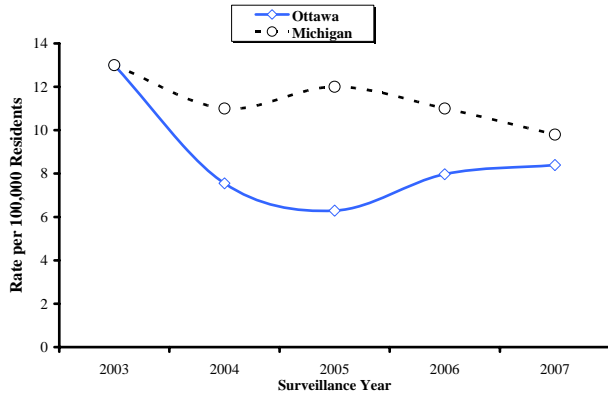


Foodborne Subtotal cases in Ottawa County

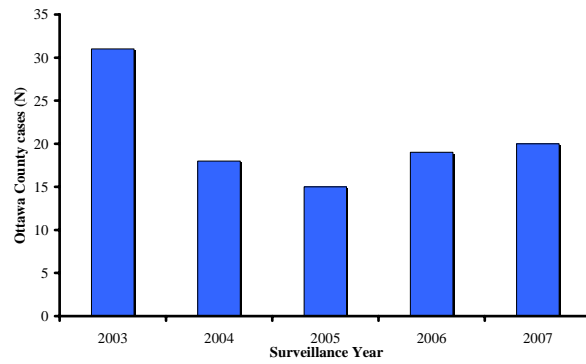


# Meningitis

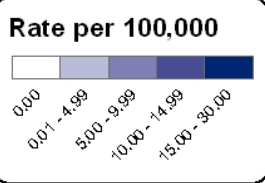
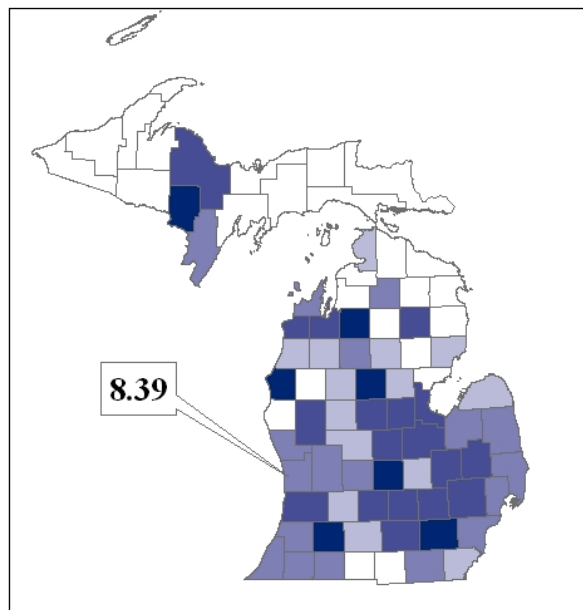
Meningitis - Aseptic rate per 100,000



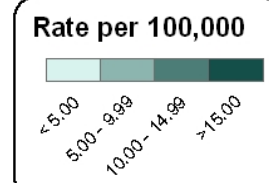
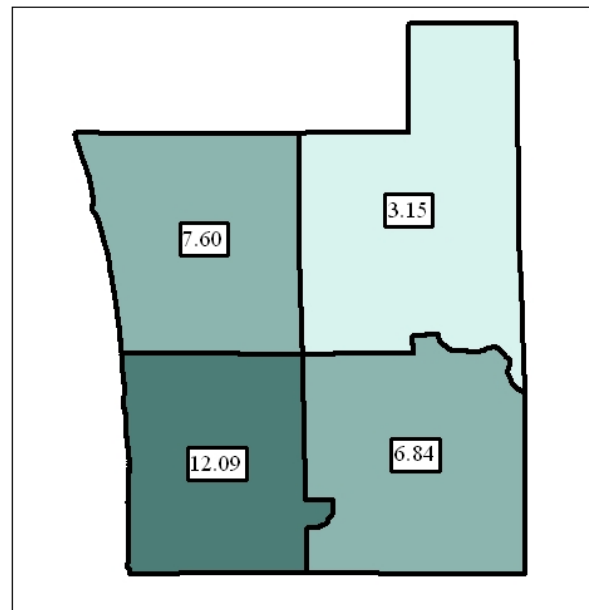
Meningitis - Aseptic cases in Ottawa County



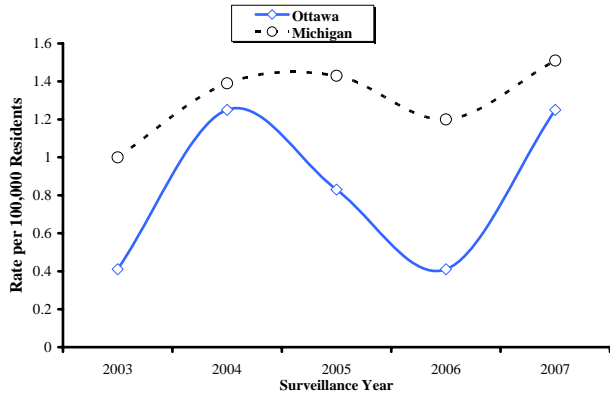
Michigan Aseptic Meningitis Rates by County 2007



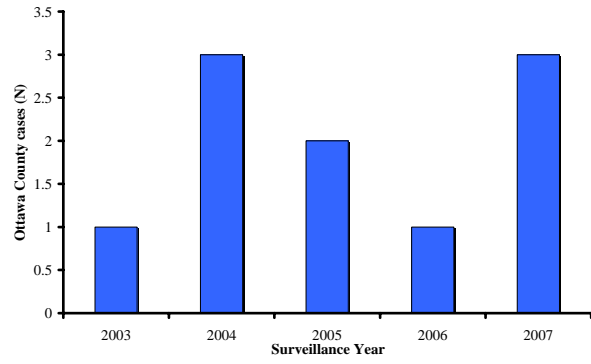
Ottawa Aseptic Meningitis Rates by Quadrant 2003-2007



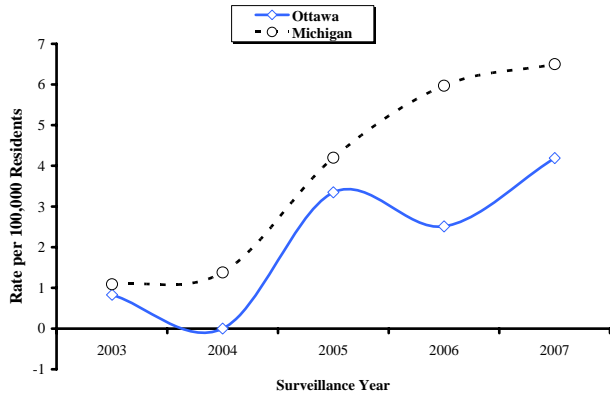
**Meningitis - Bacterial Other rate per 100,000**



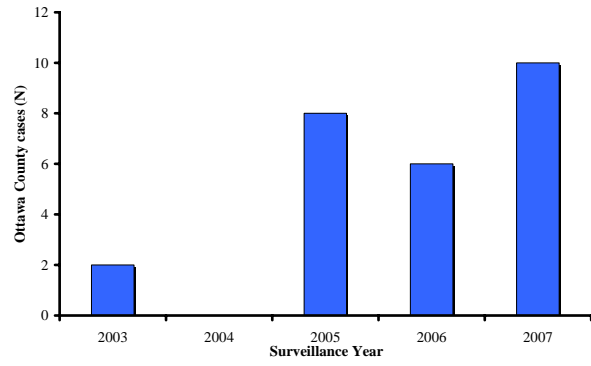
**Meningitis - Bacterial Other cases in Ottawa County**



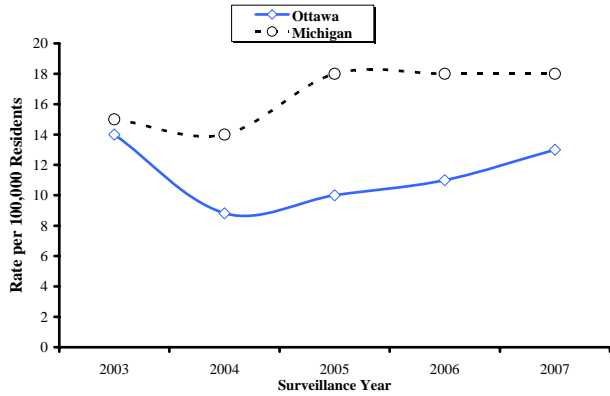
**Streptococcus pneumoniae, Inv rate per 100,000**



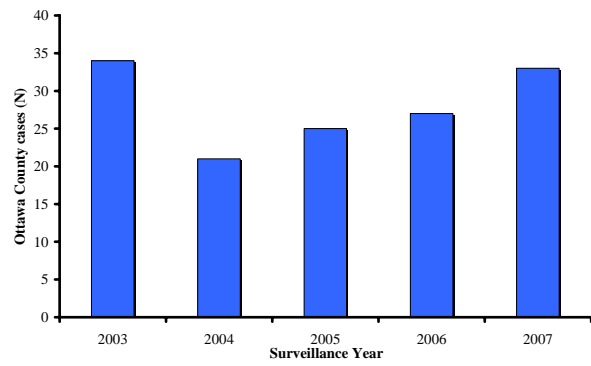
**Streptococcus pneumoniae, Inv cases in Ottawa County**



**Meningitis Subtotal rate per 100,000**

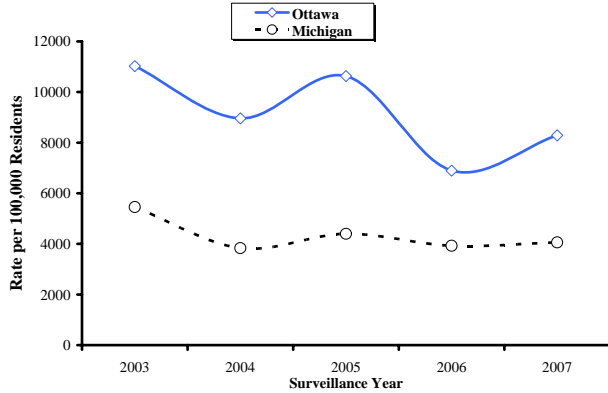


**Meningitis Subtotal cases in Ottawa County**

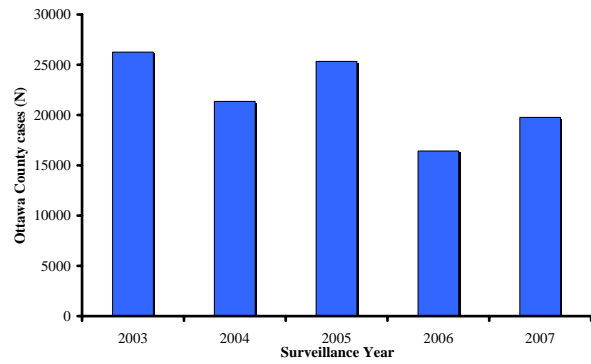


# Other

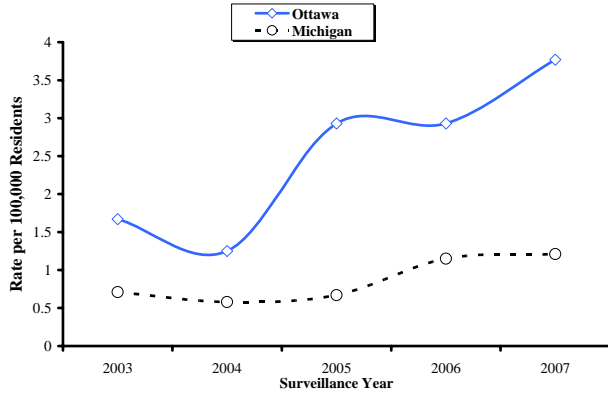
**Flu Like Disease rate per 100,000**



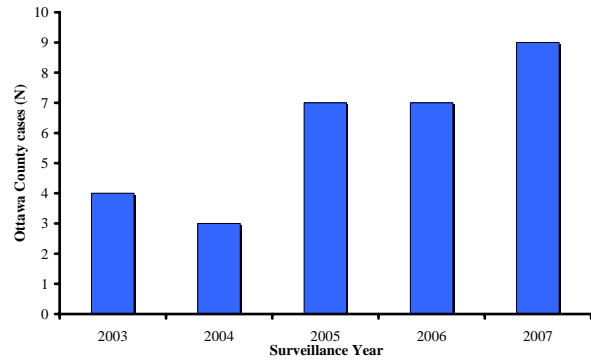
**Flu Like Disease cases in Ottawa County**



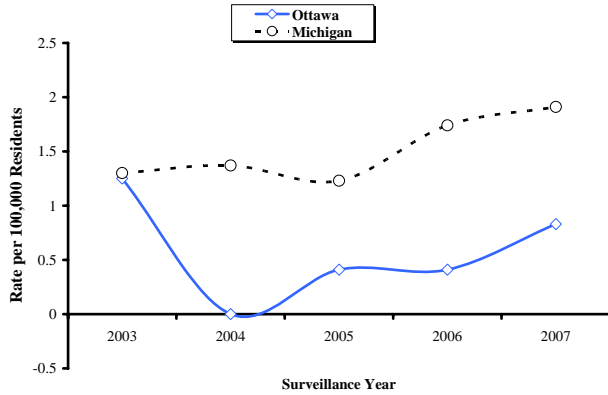
**Histoplasmosis rate per 100,000**



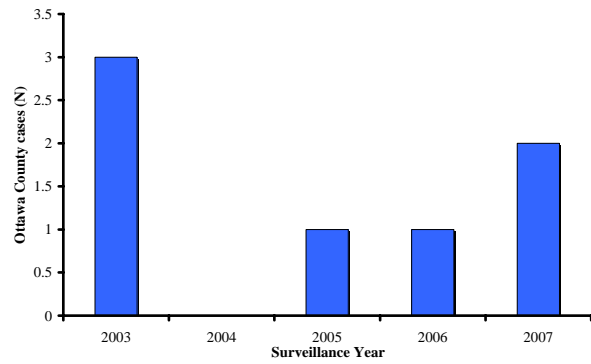
**Histoplasmosis cases in Ottawa County**



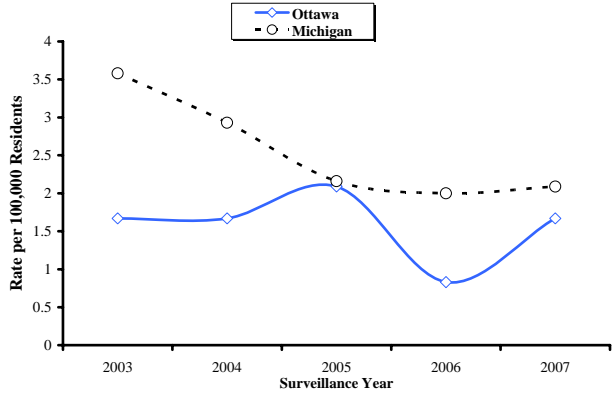
**Legionellosis rate per 100,000**



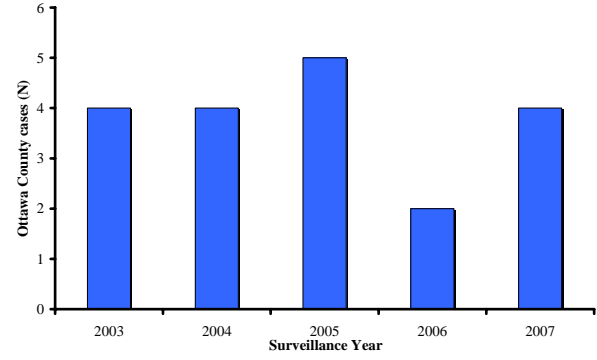
**Legionellosis cases in Ottawa County**



Streptococcal Dis, Inv, Grp A rate per 100,000



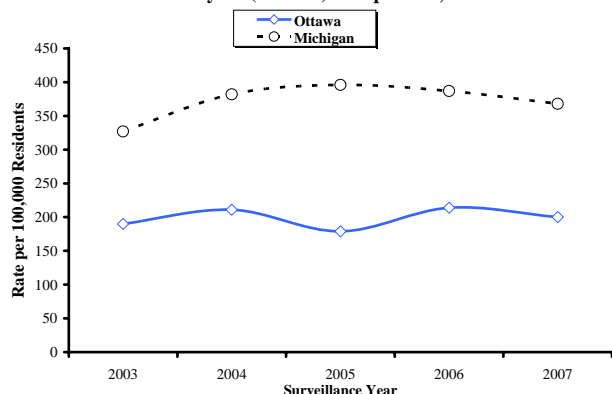
Streptococcal Dis, Inv, Grp A cases in Ottawa County



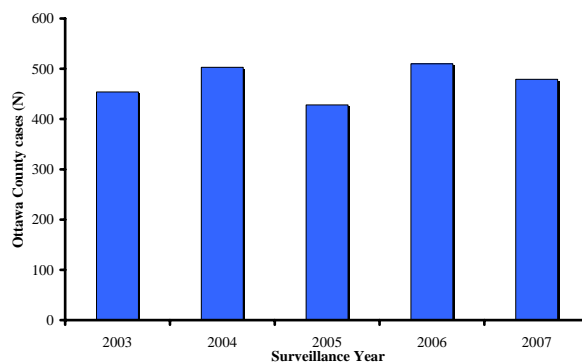


# Sexually Transmitted Diseases

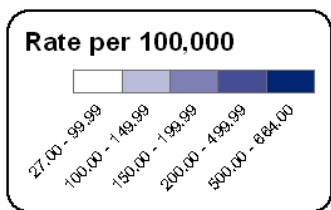
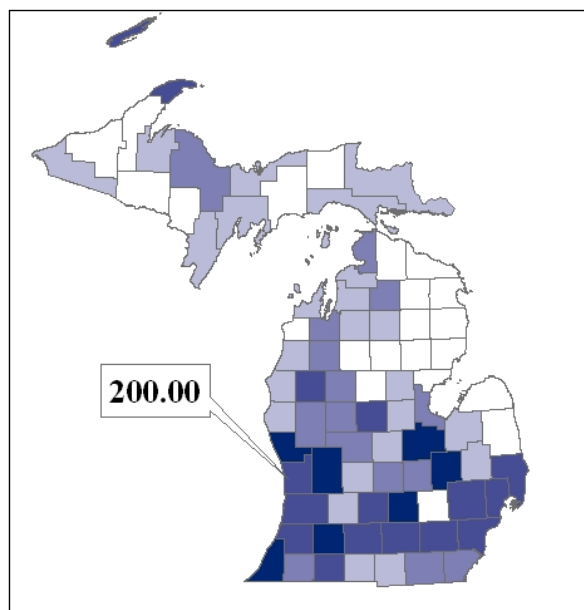
Chlamydia (Genital) rate per 100,000



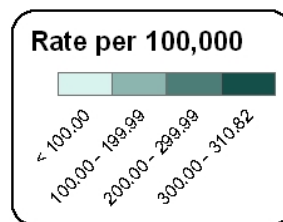
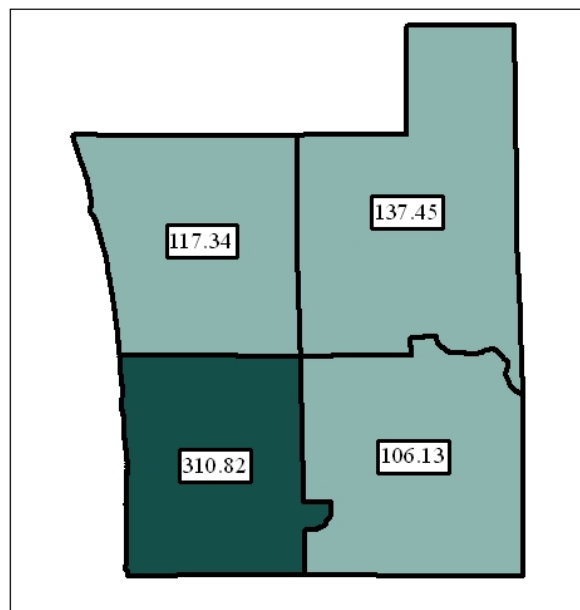
Chlamydia (Genital) cases in Ottawa County



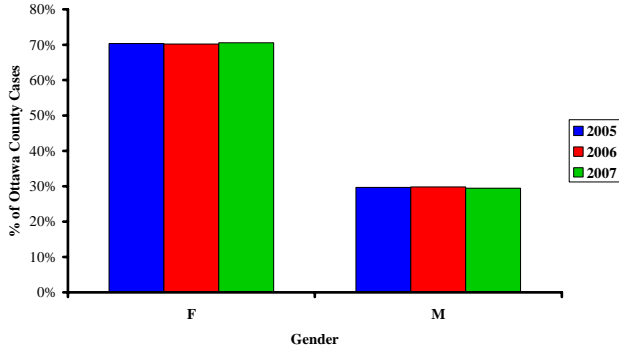
Michigan Chlamydia Rates by County  
2007



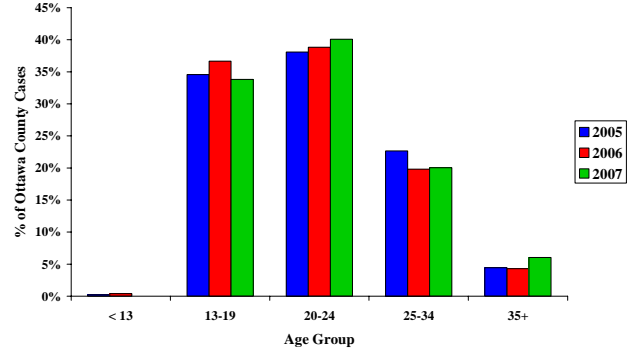
Ottawa Chlamydia Rates by Quadrant  
2005-2007



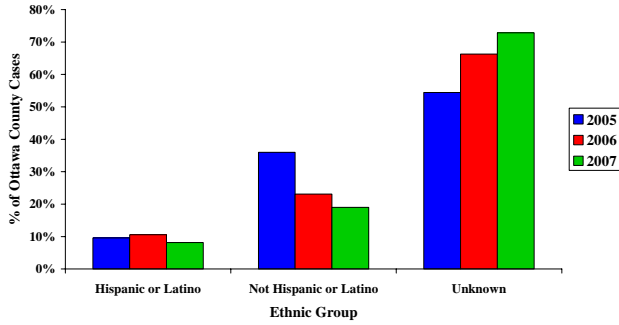
**Chlamydia Cases by Gender in Ottawa County**



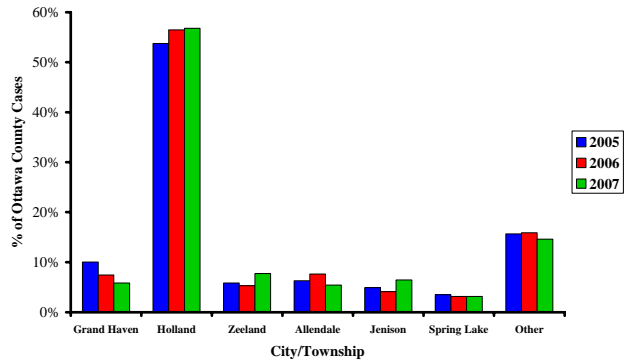
**Chlamydia Cases by Age in Ottawa County**



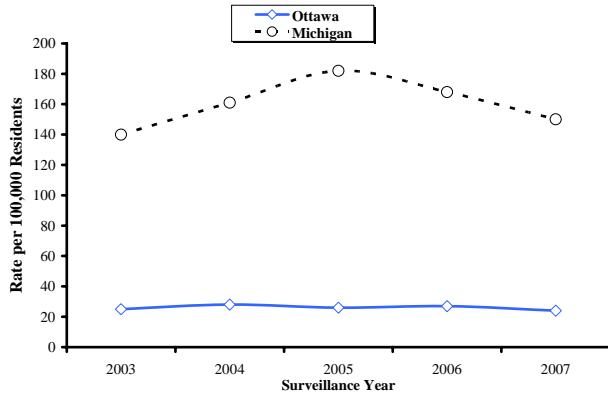
**Chlamydia Cases by Ethnicity in Ottawa County**



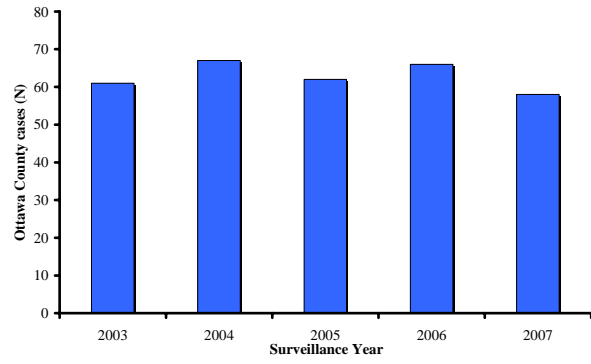
**Chlamydia Cases by City/Township in Ottawa County**



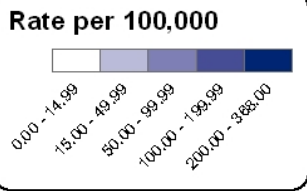
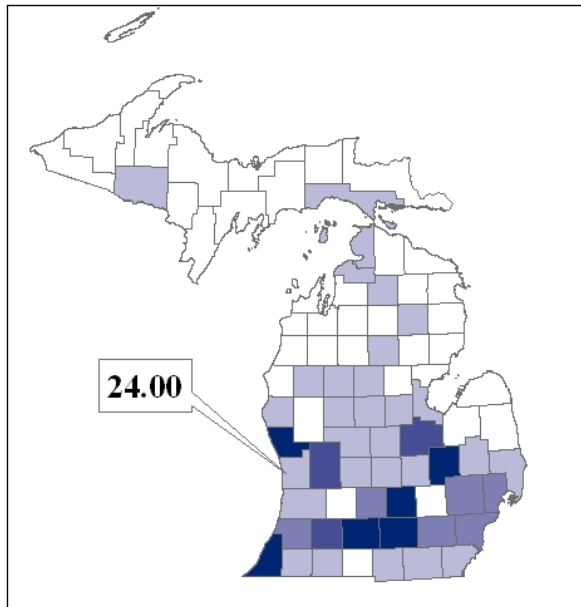
**Gonorrhea rate per 100,000**



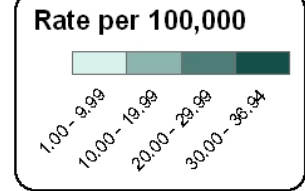
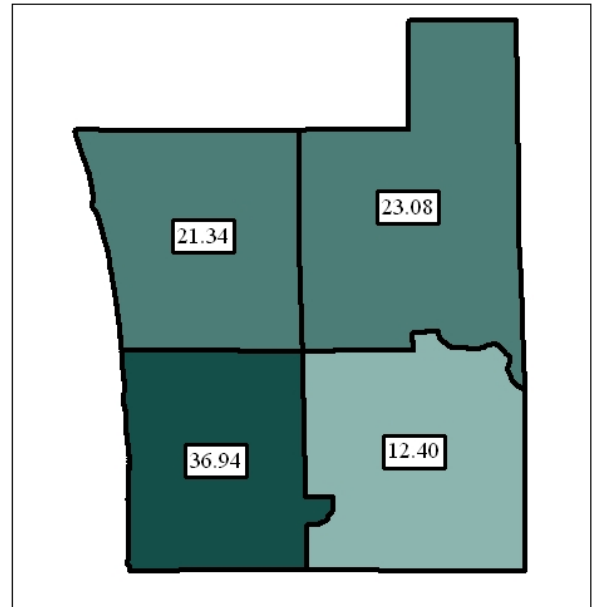
**Gonorrhea cases in Ottawa County**



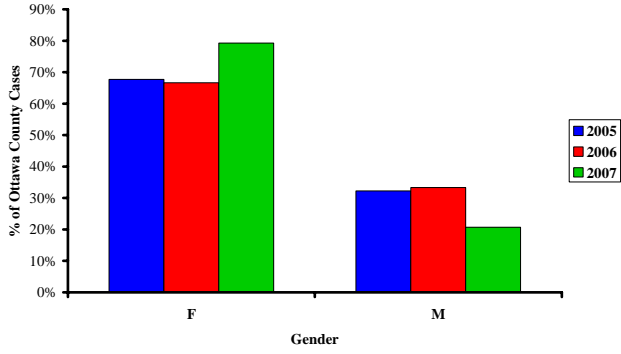
**Michigan Gonorrhea Rates by County  
2007**



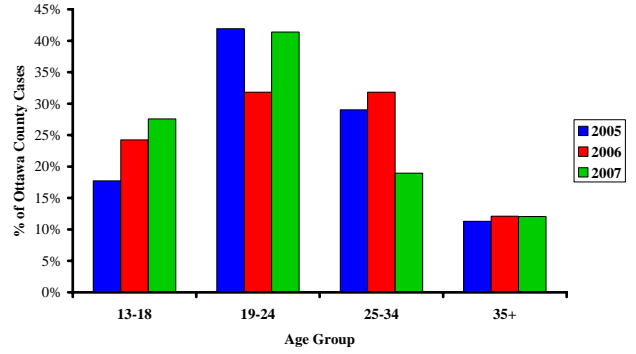
**Ottawa Gonorrhea Rates by Quadrant  
2005-2007**



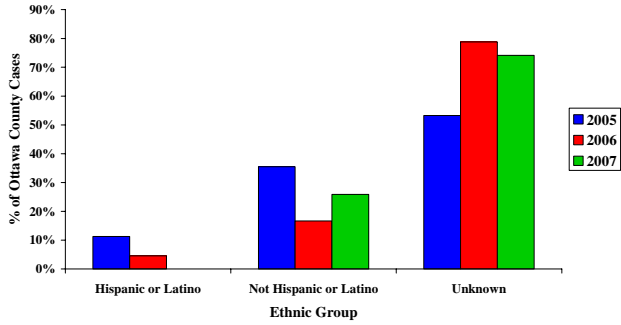
**Gonorrhea Cases by Gender in Ottawa County**



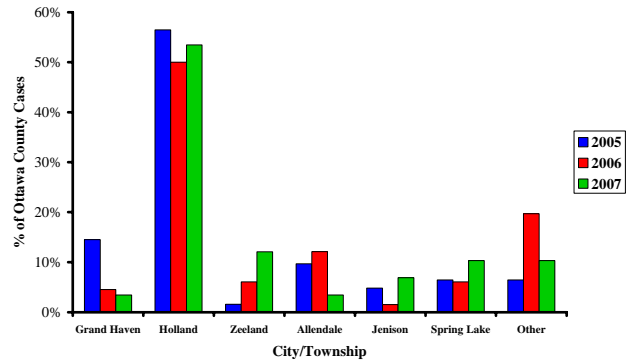
**Gonorrhea Cases by Age in Ottawa County**



**Gonorrhea Cases by Ethnicity in Ottawa County**

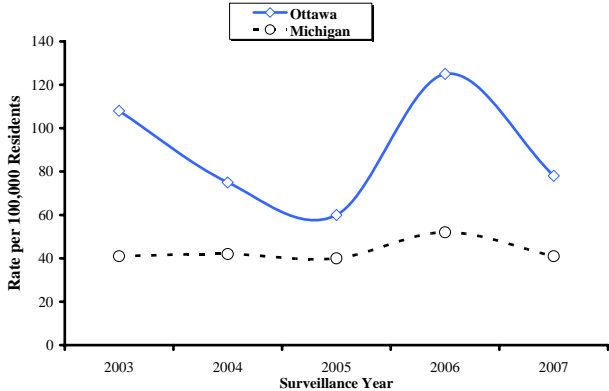


**Gonorrhea Cases by City/Township in Ottawa County**

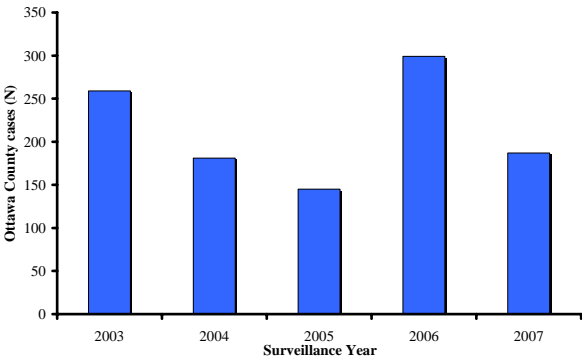


# Vaccine Preventable Diseases

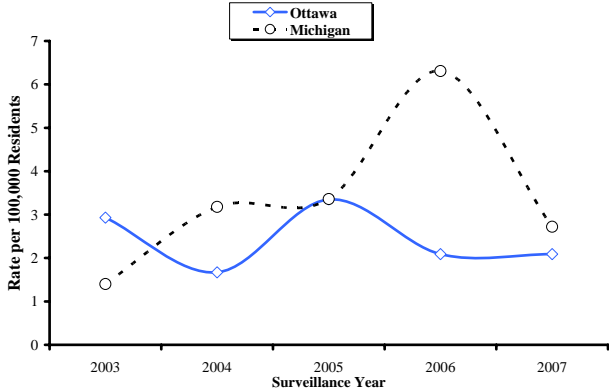
Chickenpox (Varicella) rate per 100,000



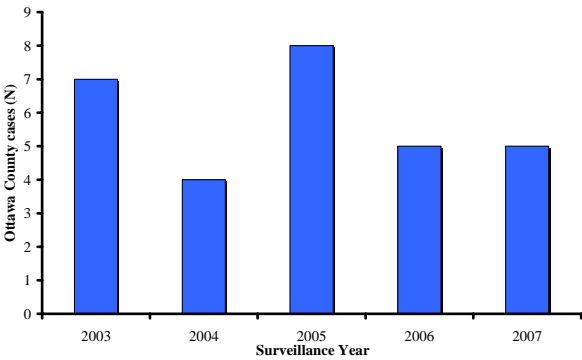
Chickenpox (Varicella) cases in Ottawa County



Pertussis rate per 100,000

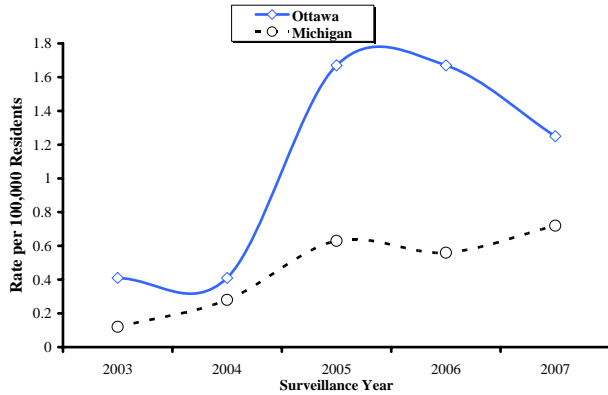


Pertussis cases in Ottawa County

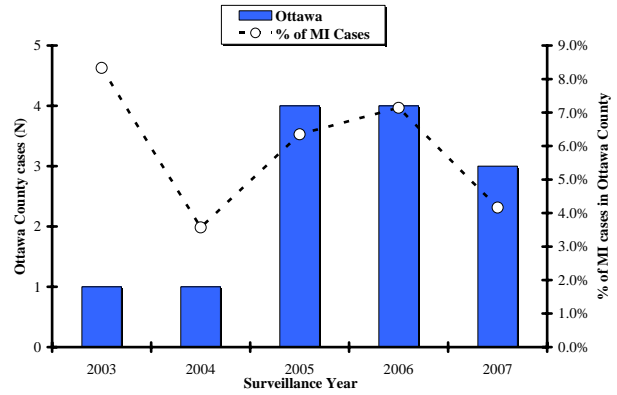


# Vectorborne Disease

Lyme Disease rate per 100,000

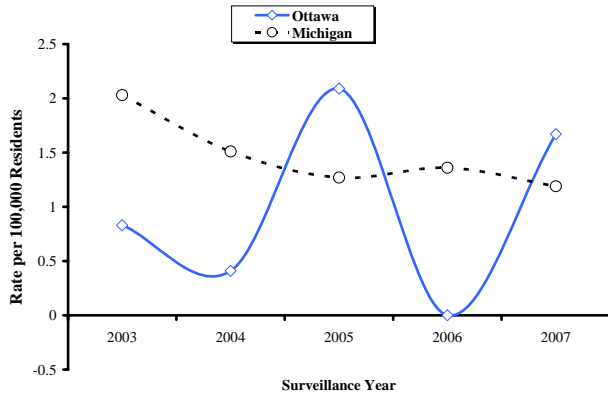


Lyme Disease cases in Ottawa County

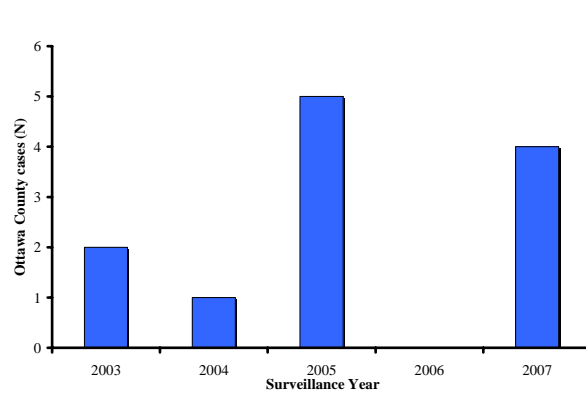


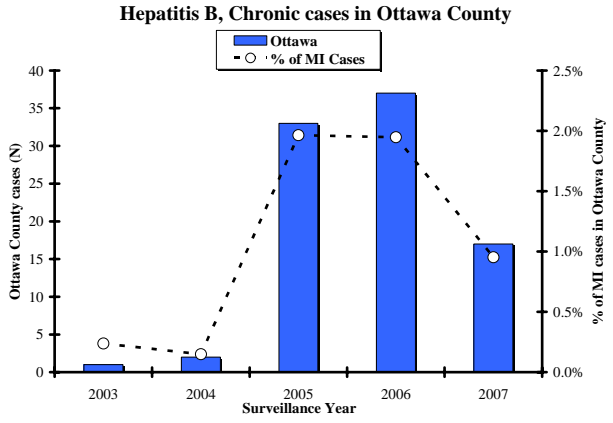
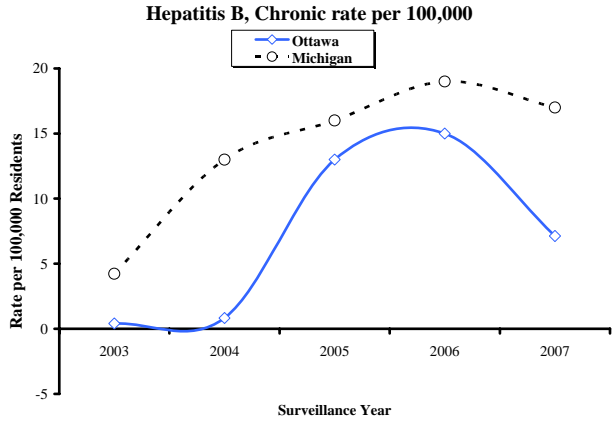
# Viral Hepatitis

Hepatitis A rate per 100,000

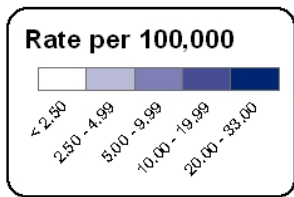
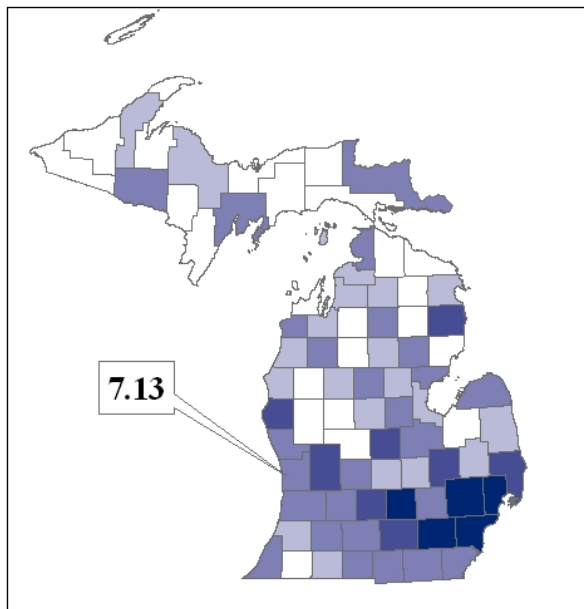


Hepatitis A cases in Ottawa County

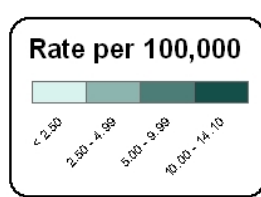




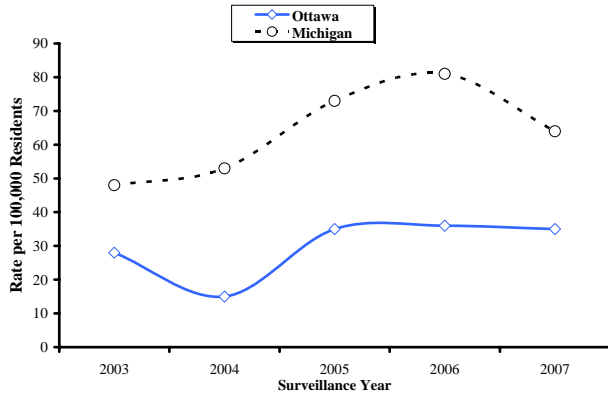
**Michigan Chronic HepB Rates by County**  
2007



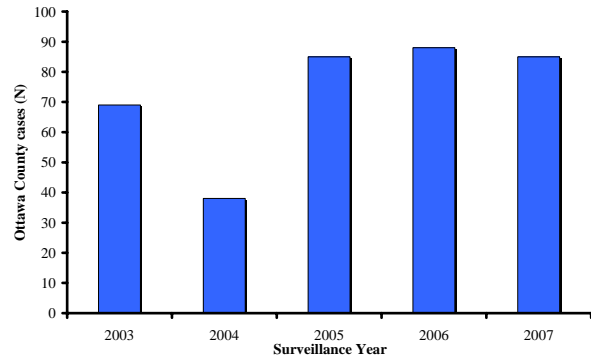
**Ottawa Chronic HepB Rates by Quadrant**  
2003-2007



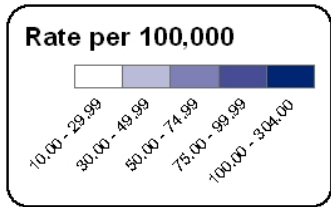
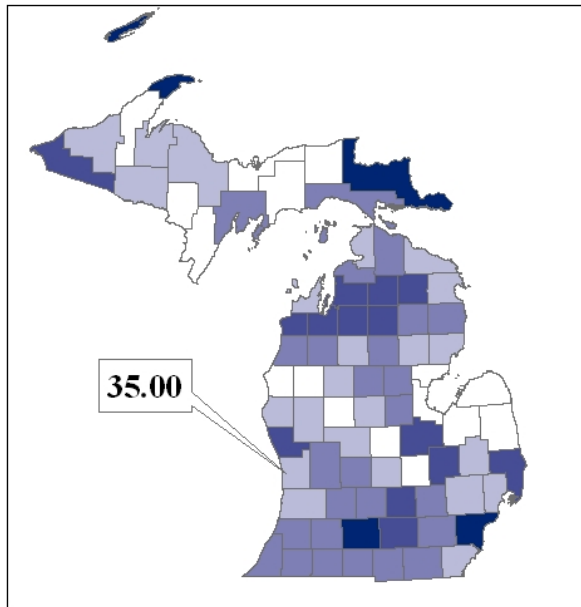
**Hepatitis C, Chronic rate per 100,000**



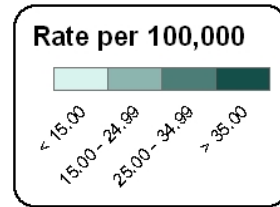
**Hepatitis C, Chronic cases in Ottawa County**



**Michigan Chronic HepC Rates by County  
2007**

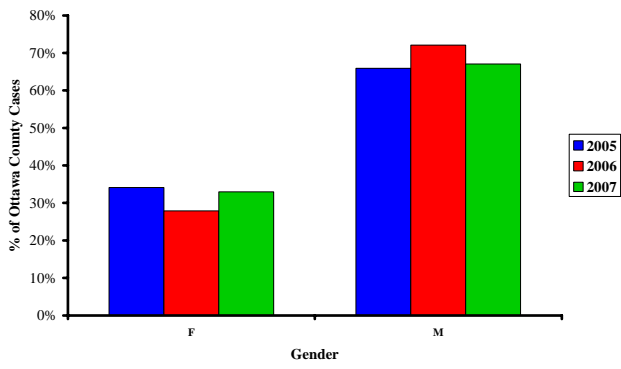


**Ottawa Chronic HepC Rates by Quadrant  
2003-2007**

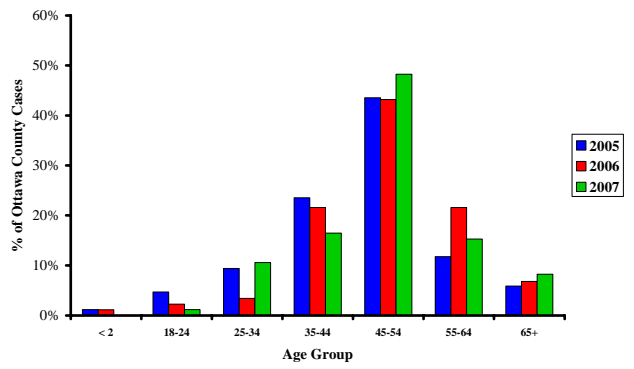




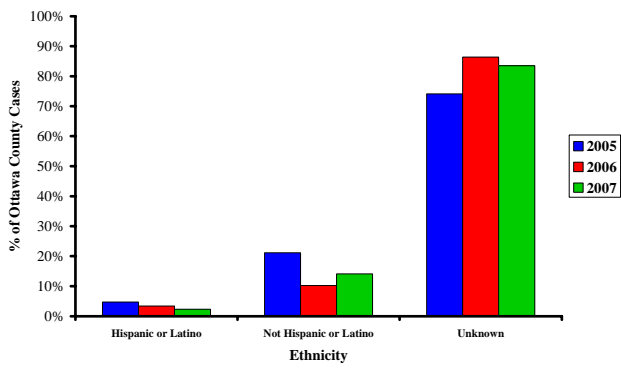
Chronic Hepatitis C Cases by Gender in Ottawa County



Chronic Hepatitis C Cases by Age Group in Ottawa County



Chronic Hepatitis C Cases by Ethnicity in Ottawa County



Chronic Hepatitis C Cases by City/Township Group in Ottawa County

