

**Annual Summary
of
Infectious Diseases
Ohio
2004**

Reported incidence of selected notifiable diseases
Includes state and county totals and distribution
by age group, gender and month of onset
(November 2005)

Prepared and distributed by:

Bureau of Health Surveillance
and the
Bureau of Infectious Disease Control
Division of Prevention

OHIO DEPARTMENT OF HEALTH

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Annual Summary of Infectious Diseases

Ohio

2004

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**REPORTED CASES OF SELECTED NOTIFIABLE DISEASES
BY YEAR OF REPORT, EXCEPT AS NOTED
OHIO, 2000 – 2004**

	2000	2001	2002	2003	2004*	MEDIAN	MEAN
AMEBIASIS	11	15	14	14	11	14	13
BOTULISM, FOODBORNE	4	0	0	0	1	0	1
BOTULISM, INFANT	5	3	2	2	2	2	3
CAMPYLOBACTERIOSIS	1102	1152	1270	1265	1222	1222	1202
CREUTZFELDT-JAKOB DISEASE (CJD)	3	7	7	9	11	7	7
CRYPTOSPORIDIOSIS	260	185	119	173	221	185	192
CYCLOSPORIASIS	1	0	0	0	1	0	0
CYTOMEGALOVIRUS (CMV), CONGENITAL	5	11	5	10	15	10	9
E COLI O157:H7	275	227	154	132	103	154	178
E COLI SHIGA TOXIN PRODUCING (NOT O157:H7)*	3	10	11	16	4	10	8.8
E COLI SHIGA TOXIN PRODUCING (UNKNOWN SEROTYPE)	0	7	5	20	17	7	9.8
ENCEPHALITIS, POST CHICKENPOX	1	1	0	0	1	1	1
ENCEPHALITIS, POST OTHER INFECTION*	0	2	3	11	7	3	5
ENCEPHALITIS, PRIMARY VIRAL	34	42	63	48	32	42	44
GIARDIASIS	1058	1090	972	903	789	972	962
HAEMOPHILUS INFLUENZAE, INVASIVE	55	75	82	78	108	78	80
HEMOLYTIC UREMIC SYNDROME (HUS)	14	12	11	5	7	11	10
HERPES, CONGENITAL	13	4	13	10	13	13	11
KAWASAKI DISEASE	31	43	41	68	51	43	47
LEGIONELLOSIS	121	143	123	226	211	143	165
LEPROSY (HANSEN'S DISEASE)	2	1	0	2	0	1	1
LISTERIOSIS	59	17	26	27	38	27	33
MENINGITIS, ASEPTIC	594	1301	992	1284	1407	1284	1116
MENINGITIS, OTHER BACTERIAL*	66	121	79	114	90	90	94
MENINGOCOCCAL DISEASE	94	91	74	60	63	74	76
RHEUMATIC FEVER	0	4	4	3	1	3	2
SALMONELLOSIS	1602	1352	1425	1326	1195	1352	1380
SHIGELLOSIS	437	2979	661	301	166	437	909
STREPTOCOCCAL DISEASE, GROUP A, INVASIVE	255	199	212	287	204	212	231
STREPTOCOCCAL DISEASE, GROUP B, IN NEWBORN	67	62	66	72	54	66	64
STREPTOCOCCAL TOXIC SHOCK SYNDROME (STSS)	31	17	15	24	20	20	21
TOXIC SHOCK SYNDROME (TSS)	3	8	4	12	7	7	7
TYPHOID FEVER	8	5	7	2	6	6	6
VANCOMYCIN-RESISTANT ENTEROCOCCAL DISEASE (VRE)*	2229	2489	3495	1095	-	-	-
VIBRIO PARAHAEMOLYTICUS	0	1	0	0	4	0	1
VIBRIO VULNIFICUS	0	0	0	1	2	0	1
VIBRIOSIS, OTHER (NOT CHOLERA)	2	5	4	6	7	5	5
YERSINIOSIS	53	68	66	60	61	61	62
SUB-TOTAL	8498	11749	10025	7666	6152	8498	8818

HEPATITIS

HEPATITIS A	267	261	301	171	50	261	210
HEPATITIS B, ACUTE*	107	93	110	160	115	110	117
HEPATITIS B, CHRONIC*	-	-	-	253	329	-	-
HEPATITIS B, PERINATAL INFECTION*	0	1	2	5	0	1	2
HEPATITIS C, ACUTE*	12	9	2	9	6	9	8
HEPATITIS C, PAST OR PRESENT*	-	-	-	4516	5391	-	-
HEPATITIS E	0	0	0	0	1	0	0.2
SUB-TOTAL	386	364	415	5114	5892	415	2434

OUTBREAKS

FOOD-BORNE*	77	91	48	48	90	77	71
WATER-BORNE*	1	1	3	4	4	3	3
UNSPECIFIED*	9	13	20	37	35	20	23
SUB-TOTAL	87	105	71	89	129	89	96

(-) indicates a condition not reportable at that time.

* Please see Technical Notes for explanation.

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**REPORTED CASES OF SELECTED NOTIFIABLE DISEASES
BY YEAR OF REPORT, EXCEPT AS NOTED
OHIO, 2000 – 2004
(Continued)**

STREPTOCOCCUS PNEUMONIAE, INVASIVE DISEASE	2000	2001	2002	2003	2004*	MEDIAN	MEAN
STREPTOCOCCUS PNEUMONIAE, INVASIVE, AGES < 5 YEARS*	-	-	-	159	120	-	-
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG RESISTANT, AGES 5+*	-	-	-	273	276	-	-
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG SUSCEPTIBLE, AGES 5+*	-	-	-	747	652	-	-
SUB-TOTAL	1632	1169	1099	1179	1048	1169	1225

VACCINE PREVENTABLE							
CHICKENPOX*	1193	1667	1759	1247	1610	1610	1495
MEASLES, IMPORTED	3	3	1	2	0	2	2
MUMPS	9	9	11	7	10	9	9
PERTUSSIS	389	346	441	328	885	389	478
RUBELLA, CONGENITAL	0	1	0	0	0	0	0
TETANUS	0	0	1	2	0	0	1
SUB-TOTAL	1594	2026	2213	1586	2505	2026	1985

ZOOZOSES							
BRUCELLOSIS	1	0	3	1	4	1	2
DENGUE	1	0	3	4	4	3	2
EHRlichiosis, HUMAN GRANULOCYtic (HGE)*	-	1	0	2	0	-	-
EHRlichiosis, HUMAN MONOCYtic (HME)*	-	0	3	6	0	-	-
EHRlichiosis, OTHER OR UNSPECIFIED*	-	1	0	0	0	-	-
ENCEPHALITIS, LACROSSE*	26	15	26	20	26	26	23
ENCEPHALITIS, WEST NILE*	-	-	439	108	12	-	-
LEPTOSPIROSIS	4	1	0	1	0	1	1
LYME	61	44	82	66	50	61	61
MALARIA	23	27	24	23	30	24	25
PSITTACOSIS	1	0	0	0	0	0	0
Q FEVER	0	0	1	8	2	1	2
RABIES, ANIMAL*	52	52	39	53	77	52	55
ROCKY MOUNTAIN SPOTTED FEVER	18	2	13	10	11	11	11
TOXOPLASMOSIS, CONGENITAL	0	0	1	0	1	0	0
TRICHINOSIS	1	0	0	0	1	0	0
TULAREMIA	1	1	1	0	1	1	1
TYPHUS FEVER, MURINE	0	1	1	0	0	0	0
SUB-TOTAL	189	145	636	302	219	219	298

GRAND TOTAL	12386	15558	14459	15936	15945	15558	14857
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POPULATION*	11,363,337	11,385,833	11,408,699	11,435,798	11,459,011	11,408,699	11,410,536
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(-) indicates a condition not reportable at that time.

* Please see Technical Notes for explanation.

REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN YEARS, OHIO, 2004

	0-4	5-9	10-14	15-19	20-29	30-39	40-49	50-59	60 +	UNKNOWN	TOTAL
AMEBIASIS	1	0	0	1	1	2	4	1	1	0	11
BOTULISM, FOODBORNE	0	0	0	0	0	0	0	1	0	0	1
BOTULISM, INFANT	2	0	0	0	0	0	0	0	0	0	2
CAMPYLOBACTERIOSIS	141	59	59	60	186	140	207	157	206	7	1222
CREUTZFELDT-JAKOB DISEASE (CJD)	0	0	0	0	0	1	0	4	6	0	11
CRYPTOSPORIDIOSIS	34	27	20	11	25	34	25	11	33	1	221
CYCLOSPORIASIS	0	0	0	0	0	0	0	1	0	0	1
CYTOMEGALOVIRUS (CMV), CONGENITAL	15	0	0	0	0	0	0	0	0	0	15
E COLI O157:H7	23	8	10	14	14	6	9	6	10	3	103
E COLI, SHIGA TOXIN PRODUCING (NOT O157:H7)*	2	0	0	0	0	1	0	0	1	0	4
E COLI, SHIGA TOXIN PRODUCING (UNKNOWN SEROTYPE)	2	1	0	1	3	2	4	1	3	0	17
ENCEPHALITIS, POST CHICKENPOX	0	0	0	1	0	0	0	0	0	0	1
ENCEPHALITIS, POST OTHER INFECTION*	1	0	1	1	1	0	1	1	1	0	7
ENCEPHALITIS, PRIMARY VIRAL	4	4	3	1	3	3	2	3	8	1	32
GIARDIASIS	210	55	34	24	63	116	116	76	93	2	789
HAEMOPHILUS INFLUENZAE, INVASIVE	17	2	0	2	3	6	8	12	56	2	108
HEMOLYTIC UREMIC SYNDROME (HUS)	5	1	0	0	0	0	0	0	1	0	7
HERPES, CONGENITAL	13	0	0	0	0	0	0	0	0	0	13
KAWASAKI DISEASE	41	9	1	0	0	0	0	0	0	0	51
LEGIONELLOSIS	0	0	0	0	10	9	39	58	95	0	211
LISTERIOSIS	9	0	0	0	2	0	2	5	20	0	38
MENINGITIS, ASEPTIC	290	178	164	106	255	191	111	51	52	9	1407
MENINGITIS, OTHER BACTERIAL*	20	4	3	2	6	8	12	16	19	0	90
MENINGOCOCCAL DISEASE	24	1	4	6	9	4	3	2	10	0	63
RHEUMATIC FEVER	0	0	0	0	0	1	0	0	0	0	1
SALMONELLOSIS	236	106	59	81	136	129	140	112	181	15	1195
SHIGELLOSIS	52	18	3	6	23	24	17	12	8	3	166
STREPTOCOCCAL DISEASE, GROUP A, INVASIVE	15	4	7	4	11	13	19	34	96	1	204
STREPTOCOCCAL DISEASE, GROUP B, IN NEWBORN	54	0	0	0	0	0	0	0	0	0	54
STREPTOCOCCAL TOXIC SHOCK SYNDROME (STSS)	0	0	1	0	1	1	4	4	9	0	20
TOXIC SHOCK SYNDROME (TSS)	0	1	1	1	3	0	0	1	0	0	7
TYPHOID FEVER	2	1	1	0	1	1	0	0	0	0	6
VIBRIO PARAHAEMOLYTICUS INFECTION	0	0	0	1	2	0	0	0	1	0	4
VIBRIO VULNIFICUS INFECTION	0	0	0	0	0	0	0	2	0	0	2
VIBRIOSIS, OTHER (NOT CHOLERA)	2	0	0	0	0	0	1	2	2	0	7
YERSINIOSIS	30	3	4	2	4	4	3	2	8	1	61
SUB-TOTAL	1245	482	375	325	762	696	727	575	920	45	6152

HEPATITIS

HEPATITIS A	3	4	2	2	7	1	9	9	12	1	50
HEPATITIS B, ACUTE*	0	0	0	1	22	43	31	9	9	0	115
HEPATITIS B, CHRONIC*	6	0	5	23	65	90	77	39	24	0	329
HEPATITIS C, ACUTE*	0	0	0	0	4	1	1	0	0	0	6
HEPATITIS C, PAST OR PRESENT*	10	3	5	45	352	694	2285	1499	428	70	5391
HEPATITIS E	0	0	0	0	0	0	0	1	0	0	1
SUB-TOTAL	19	7	12	71	450	829	2403	1557	473	71	5892

n/a = Not Applicable.

* Please see Technical Notes for explanation.

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REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY AGE IN YEARS, OHIO, 2004

(Continued)

STREPTOCOCCUS PNEUMONIAE, INVASIVE DISEASE	0-4	5-9	10-14	15-19	20-29	30-39	40-49	50-59	60 +	UNKNOWN	TOTAL
STREPTOCOCCUS PNEUMONIAE, INVASIVE, AGES < 5 YEARS*	114	0	0	0	0	0	0	0	0	6	120
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG RESISTANT, AGES 5+*	11	10	0	2	8	13	33	49	150	0	276
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG SUSCEPTIBLE, AGES 5+*	19	16	9	5	18	37	90	122	336	0	652
SUB-TOTAL	144	26	9	7	26	50	123	171	486	6	1048

VACCINE PREVENTABLE

CHICKENPOX*	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1610	1610
MUMPS	4	2	1	0	0	0	1	0	2	0	10
PERTUSSIS	312	119	251	91	22	34	32	17	5	2	885
SUB-TOTAL	316	121	252	91	22	34	33	17	7	1612	2505

ZOOZOSES

BRUCELLOSIS	0	0	0	0	0	1	1	2	0	0	4
DENGUE	0	0	0	0	0	2	0	2	0	0	4
ENCEPHALITIS, LACROSSE*	3	16	5	1	0	1	0	0	0	0	26
ENCEPHALITIS, WEST NILE*	0	0	2	1	1	1	1	2	4	0	12
LYME DISEASE	0	2	1	4	6	11	11	7	8	0	50
MALARIA	1	0	1	0	5	6	9	4	4	0	30
Q FEVER	0	0	0	0	0	0	1	1	0	0	2
RABIES, ANIMAL*	0	0	0	0	0	0	0	0	0	77	77
ROCKY MOUNTAIN SPOTTED FEVER (RMSF)	0	2	0	1	2	1	5	0	0	0	11
TOXOPLASMOSIS, CONGENITAL	1	0	0	0	0	0	0	0	0	0	1
TRICHINOSIS	0	0	0	0	0	1	0	0	0	0	1
TULAREMIA	0	0	0	0	0	0	0	1	0	0	1
SUB-TOTAL	5	20	9	7	14	24	28	19	16	77	219

GRAND TOTAL	1729	656	657	501	1274	1633	3314	2339	1902	1811	15816
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POPULATION*	754,930	816,346	827,811	816,868	1,464,510	1,668,083	1,756,376	1,284,727	1,963,489	n/a	11,353,140
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n/a = Not Applicable.

* Please see Technical Notes for explanation.

REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY GENDER, OHIO, 2004

	FEMALE	MALE	UNKNOWN	TOTAL
AMEBIASIS	2	9	0	11
BOTULISM, FOODBORNE	1	0	0	1
BOTULISM, INFANT	2	0	0	2
CAMPYLOBACTERIOSIS	534	668	20	1222
CREUTZFELDT-JAKOB DISEASE (CJD)	5	6	0	11
CRYPTOSPORIDIOSIS	105	114	2	221
CYCLOSPORIASIS	0	1	0	1
CYTOMEGALOVIRUS (CMV), CONGENITAL	5	10	0	15
E COLI O157:H7	59	44	0	103
E COLI, SHIGA TOXIN PRODUCING (NOT O157:H7)*	3	1	0	4
E COLI, SHIGA TOXIN PRODUCING (UNKNOWN SEROTYPE)	9	8	0	17
ENCEPHALITIS, POST CHICKENPOX	0	1	0	1
ENCEPHALITIS, POST OTHER INFECTION*	5	2	0	7
ENCEPHALITIS, PRIMARY VIRAL	17	14	1	32
GIARDIASIS	345	434	10	789
HAEMOPHILUS INFLUENZAE, INVASIVE	52	55	1	108
HEMOLYTIC UREMIC SYNDROME (HUS)	3	4	0	7
HERPES, CONGENITAL	5	8	0	13
KAWASAKI DISEASE	19	31	1	51
LEGIONELLOSIS	75	134	2	211
LISTERIOSIS	23	15	0	38
MENINGITIS, ASEPTIC	715	665	27	1407
MENINGITIS, OTHER BACTERIAL*	41	49	0	90
MENINGOCOCCAL DISEASE	25	37	1	63
RHEUMATIC FEVER	0	1	0	1
SALMONELLOSIS	639	541	15	1195
SHIGELLOSIS	65	100	1	166
STREPTOCOCCAL DISEASE, GROUP A, INVASIVE	95	105	4	204
STREPTOCOCCAL DISEASE, GROUP B, IN NEWBORN	28	25	1	54
STREPTOCOCCAL TOXIC SHOCK SYNDROME (STSS)	12	8	0	20
TOXIC SHOCK SYNDROME (TSS)	4	3	0	7
TYPHOID FEVER	2	4	0	6
VIBRIO PARAHAEMOLYTICUS INFECTION	1	3	0	4
VIBRIO VULNIFICUS INFECTION	0	2	0	2
VIBRIOSIS, OTHER (NOT CHOLERA)	1	6	0	7
YERSINIOSIS	25	35	1	61
SUB-TOTAL	2922	3143	87	6152

HEPATITIS

HEPATITIS A	28	21	1	50
HEPATITIS B, ACUTE*	35	78	2	115
HEPATITIS B, CHRONIC*	192	132	5	329
HEPATITIS C, ACUTE*	2	4	0	6
HEPATITIS C, PAST OR PRESENT*	1945	3286	160	5391
HEPATITIS E	0	1	0	1
SUB-TOTAL	2202	3522	168	5892

STREPTOCOCCUS PNEUMONIAE, INVASIVE DISEASE

STREPTOCOCCUS PNEUMONIAE, INVASIVE, AGES < 5 YEARS*	40	75	5	120
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG RESISTANT, AGES 5+*	126	149	1	276
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG SUSCEPTIBLE, AGES 5+*	339	307	6	652
SUB-TOTAL	505	531	12	1048

VACCINE PREVENTABLE

CHICKENPOX*	n/a	n/a	1610	1610
MUMPS	5	5	0	10
PERTUSSIS	464	414	7	885
SUB-TOTAL	469	419	1617	2505

n/a = Not Applicable.

* Please see Technical Notes for explanation.

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REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY GENDER, OHIO, 2004

(Continued)

ZOOZOSES	FEMALE	MALE	UNKNOWN	TOTAL
BRUCELLOSIS	3	1	0	4
DENGUE	1	3	0	4
ENCEPHALITIS, LACROSSE*	6	20	0	26
ENCEPHALITIS, WEST NILE*	2	10	0	12
LYME DISEASE	32	18	0	50
MALARIA	10	20	0	30
Q FEVER	1	1	0	2
RABIES, ANIMAL*	0	0	77	77
ROCKY MOUNTAIN SPOTTED FEVER (RMSF)	4	7	0	11
TOXOPLASMOSIS, CONGENITAL	1	0	0	1
TRICHINOSIS	1	0	0	1
TULAREMIA	1	0	0	1
SUB-TOTAL	62	80	77	219

GRAND TOTAL	6160	7695	1961	15816
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POPULATION*	5,840,878	5,512,262	n/a	11,353,140
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n/a = Not Applicable.

* Please see Technical Notes for explanation.

REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH OF ONSET, OHIO, 2004

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
AMEBIASIS	1	0	3	2	0	0	0	1	1	0	1	2	11
BOTULISM, FOODBORNE	0	0	0	1	0	0	0	0	0	0	0	0	1
BOTULISM, INFANT	0	1	0	0	0	0	0	0	1	0	0	0	2
CAMPYLOBACTERIOSIS	59	65	64	50	97	158	183	177	113	101	86	69	1222
CREUTZFELDT-JAKOB DISEASE (CJD)	2	2	1	1	0	0	0	1	2	1	1	0	11
CRYPTOSPORIDIOSIS	16	18	5	8	14	17	17	70	22	10	14	10	221
CYCLOSPORIASIS	0	0	1	0	0	0	0	0	0	0	0	0	1
CYTOMEGALOVIRUS (CMV), CONGENITAL	0	1	0	0	3	2	1	0	4	1	2	1	15
E COLI O157:H7	4	0	1	10	7	21	12	19	7	9	5	8	103
E COLI, SHIGA TOXIN PRODUCING (NOT O157:H7)*	0	0	0	0	0	1	1	1	1	0	0	0	4
E COLI, SHIGA TOXIN PRODUCING (UNKNOWN SEROTYPE)	1	2	1	0	1	0	3	4	2	1	0	2	17
ENCEPHALITIS, POST CHICKENPOX	0	0	0	0	0	0	0	1	0	0	0	0	1
ENCEPHALITIS, POST OTHER INFECTION*	0	0	2	0	0	0	0	0	1	1	2	1	7
ENCEPHALITIS, PRIMARY VIRAL	0	0	6	7	1	2	8	3	1	1	2	1	32
GIARDIASIS	51	56	61	51	67	41	101	86	87	64	55	69	789
HAEMOPHILUS INFLUENZAE, INVASIVE	12	9	10	15	9	3	4	7	2	9	13	15	108
HEMOLYTIC UREMIC SYNDROME (HUS)	0	0	0	0	0	2	0	1	1	0	3	0	7
HERPES, CONGENITAL	0	5	1	0	0	2	1	1	1	0	2	0	13
KAWASAKI DISEASE	1	8	5	6	2	1	3	3	4	4	3	11	51
LEGIONELLOSIS	12	6	2	4	22	33	26	44	32	8	14	8	211
LISTERIOSIS	1	0	4	1	4	4	4	10	4	2	1	3	38
MENINGITIS, ASEPTIC	34	36	38	42	69	125	170	206	283	190	119	95	1407
MENINGITIS, OTHER BACTERIAL*	7	9	13	6	6	11	6	3	8	5	5	11	90
MENINGOCOCCAL DISEASE	5	7	6	7	7	3	4	2	5	7	6	4	63
RHEUMATIC FEVER	0	0	0	0	0	0	1	0	0	0	0	0	1
SALMONELLOSIS	77	62	72	76	97	122	228	156	93	78	66	68	1195
SHIGELLOSIS	21	15	7	8	16	8	16	26	13	15	13	8	166
STREPTOCOCCAL DISEASE, GROUP A, INVASIVE	27	20	27	34	22	18	9	6	12	9	9	11	204
STREPTOCOCCAL DISEASE, GROUP B, IN NEWBORN	5	4	5	5	6	5	3	3	4	10	4	0	54
STREPTOCOCCAL TOXIC SHOCK SYNDROME (STSS)	3	1	4	2	3	0	1	1	2	0	0	3	20
TOXIC SHOCK SYNDROME (TSS)	1	0	1	0	2	0	1	0	0	2	0	0	7
TYPHOID FEVER	0	0	0	1	0	1	1	2	0	0	1	0	6
VIBRIO PARAHAEMOLYTICUS INFECTION	0	0	0	0	0	1	2	1	0	0	0	0	4
VIBRIO VULNIFICUS INFECTION	0	0	0	0	0	1	0	0	0	1	0	0	2
VIBRIOSIS, OTHER (NOT CHOLERA)	0	0	0	0	1	0	0	2	1	1	1	1	7
YERSINIOSIS	11	3	5	1	3	7	6	4	1	2	11	7	61
SUB-TOTAL	351	330	345	338	459	589	812	841	708	532	439	408	6152

HEPATITIS

HEPATITIS A	4	4	5	3	8	2	5	6	4	6	2	1	50
HEPATITIS B, ACUTE*	9	11	21	7	8	7	7	9	8	10	5	13	115
HEPATITIS B, CHRONIC*	49	27	23	51	6	42	1	9	28	27	42	24	329
HEPATITIS C, ACUTE*	0	1	1	0	0	1	1	0	0	1	1	0	6
HEPATITIS C, PAST OR PRESENT*	495	462	460	358	117	276	3	4	703	598	787	1128	5391
HEPATITIS E	0	0	0	0	1	0	0	0	0	0	0	0	1
SUB-TOTAL	557	505	510	419	140	328	17	28	743	642	837	1166	5892

* Please see Technical Notes for explanation.

Continued on next page

REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY MONTH OF ONSET, OHIO, 2004

(Continued)

OUTBREAKS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FOOD-BORNE*	6	15	6	11	7	5	7	4	1	6	11	11	90
WATER-BORNE*	0	1	0	0	0	0	3	0	0	0	0	0	4
UNSPECIFIED*	0	9	9	5	0	2	2	1	1	1	2	3	35
SUB-TOTAL	6	25	15	16	7	7	12	5	2	7	13	14	129
STREPTOCOCCUS PNEUMONIAE, INVASIVE DISEASE													
STREPTOCOCCUS PNEUMONIAE, INVASIVE, AGES < 5 YEARS*	11	9	11	18	15	7	2	7	1	12	17	10	120
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG RESISTANT, AGES 5+*	27	32	33	31	23	10	10	13	12	26	24	35	276
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG SUSCEPTIBLE, AGES 5+*	78	73	83	56	52	40	23	12	27	62	59	87	652
SUB-TOTAL	116	114	127	105	90	57	35	32	40	100	100	132	1048
VACCINE PREVENTABLE													
CHICKENPOX*	115	79	194	269	267	88	60	6	30	63	140	299	1610
MUMPS	1	1	0	2	1	2	0	1	0	1	1	0	10
PERTUSSIS	51	32	30	39	39	56	88	86	46	77	121	220	885
SUB-TOTAL	167	112	224	310	307	146	148	93	76	141	262	519	2505
ZOOZOSES													
BRUCELLOSIS	0	0	0	0	0	0	0	2	1	0	1	0	4
DENGUE	0	0	0	0	0	2	1	0	0	0	0	1	4
ENCEPHALITIS, LACROSSE*	0	0	0	0	0	2	5	9	5	0	0	0	26
ENCEPHALITIS, WEST NILE*	0	0	0	0	0	0	2	4	6	0	0	0	12
LYME DISEASE	1	5	2	5	8	7	7	8	2	0	3	2	50
MALARIA	1	2	1	3	6	5	1	4	1	3	1	2	30
Q FEVER	0	1	1	0	0	0	0	0	0	0	0	0	2
RABIES, ANIMAL*	1	1	0	1	4	2	12	29	17	7	2	1	77
ROCKY MOUNTAIN SPOTTED FEVER (RMSF)	0	2	0	1	3	0	2	1	0	1	1	0	11
TOXOPLASMOSIS, CONGENITAL	0	0	0	0	1	0	0	0	0	0	0	0	1
TRICHINOSIS	0	0	0	0	0	0	0	0	1	0	0	0	1
TULAREMIA	0	0	0	0	0	0	0	0	1	0	0	0	1
SUB-TOTAL	3	11	4	10	22	18	30	57	34	16	8	6	219
GRAND TOTAL	1200	1097	1225	1198	1025	1145	1054	1056	1603	1438	1659	2245	15945

* Please see Technical Notes for explanation.

REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY COUNTY OF RESIDENCE, OHIO, 2004

	ADAMS	ALLEN	ASHLAND	ASHTABULA	ATHENS	AUGLAIZE	BELMONT	BROWN	BUTLER	CARROLL	CHAMPAIGN	CLARK	CLERMONT	CLINTON	COLUMBIANA	COSHOCTON	CRAWFORD	CUYAHOGA
AMEBIASIS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
BOTULISM, FOODBORNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTULISM, INFANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMPYLOBACTERIOSIS	1	18	10	14	4	17	9	3	23	5	5	23	17	9	10	5	4	152
CREUTZFELDT-JAKOB DISEASE (CJD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5
CRYPTOSPORIDIOSIS	0	2	0	1	0	23	2	0	1	1	0	1	0	5	0	0	1	22
CYCLOSPORIASIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CYTOMEGALOVIRUS (CMV), CONGENITAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
E COLI O157:H7	1	2	1	0	0	1	0	0	2	2	0	1	2	0	2	0	0	4
E COLI, SHIGA TOXIN PRODUCING (NOT O157:H7)*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E COLI, SHIGA TOXIN PRODUCING (UNKNOWN SEROTYPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
ENCEPHALITIS, POST CHICKENPOX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENCEPHALITIS, POST OTHER INFECTION*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
ENCEPHALITIS, PRIMARY VIRAL	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	5
GIARDIASIS	0	10	2	6	4	4	2	3	21	2	1	7	15	1	9	7	4	96
HAEMOPHILUS INFLUENZAE, INVASIVE	0	6	1	0	1	1	0	0	1	0	1	3	2	0	2	0	0	15
HEMOLYTIC UREMIC SYNDROME (HUS)	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
HERPES, CONGENITAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1
KAWASAKI DISEASE	0	1	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	1
LEGIONELLOSIS	0	2	0	3	0	1	1	1	1	0	0	0	0	1	0	0	0	45
LISTERIOSIS	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	8
MENINGITIS, ASEPTIC	0	15	2	5	49	3	2	0	46	8	2	14	39	3	9	3	3	97
MENINGITIS, OTHER BACTERIAL*	0	0	0	1	0	0	1	0	3	1	0	0	0	0	1	0	0	19
MENINGOCOCCAL DISEASE	0	1	0	1	3	0	0	0	4	0	0	4	1	0	0	0	0	4
RHEUMATIC FEVER	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
SALMONELLOSIS	2	12	6	10	16	7	6	0	31	2	4	17	20	5	6	2	5	161
SHIGELLOSIS	3	0	0	1	0	0	0	0	1	0	0	2	9	0	2	0	0	30
STREPTOCOCCAL DISEASE, GROUP A, INVASIVE	0	2	1	2	1	0	1	0	3	2	1	2	6	1	2	1	0	26
STREPTOCOCCAL DISEASE, GROUP B, IN NEWBORN	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	11
STREPTOCOCCAL TOXIC SHOCK SYNDROME (STSS)	0	0	0	1	0	0	0	0	3	0	0	0	1	0	0	0	0	2
TOXIC SHOCK SYNDROME (TSS)	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
TYPHOID FEVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBRIO PARAHAEMOLYTICUS INFECTION	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
VIBRIO VULNIFICUS INFECTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBRIOSIS, OTHER (NOT CHOLERA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
YERSINIOSIS	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	11
SUB-TOTAL	8	73	23	45	78	57	24	8	149	25	14	76	115	26	46	18	21	726

HEPATITIS

HEPATITIS A	0	1	0	0	0	0	0	0	5	1	0	0	1	1	0	0	0	4
HEPATITIS B, ACUTE*	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	1	25
HEPATITIS B, CHRONIC*	0	5	1	0	1	1	0	0	11	1	1	3	3	1	2	0	0	62
HEPATITIS C, ACUTE*	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
HEPATITIS C, PAST OR PRESENT*	4	62	2	27	8	2	16	12	161	5	9	71	111	18	23	8	19	933
HEPATITIS E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL	4	68	3	27	9	3	16	12	180	7	10	74	118	20	25	8	20	1024

* Please see Technical Notes for explanation.

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REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY COUNTY OF RESIDENCE, OHIO, 2004

OUTBREAKS	COUNTY OF RESIDENCE																		
	ADAMS	ALLEN	ASHLAND	ASHTABULA	ATHENS	AUGLAIZE	BELMONT	BROWN	BUTLER	CARROLL	CHAMPAIGN	CLARK	CLERMONT	CLINTON	COLUMBIANA	COSHOCTON	CRAWFORD	CUYAHOGA	
FOOD-BORNE*	0	0	0	1	1	0	1	1	1	0	0	1	1	0	1	0	1	9	
WATER-BORNE*	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0		
UNSPECIFIED*	0	0	1	0	0	0	0	0	2	0	0	0	1	0	1	0	4		
SUB-TOTAL	0	0	1	1	1	2	1	1	3	0	0	1	2	0	2	0	1	13	

STREPTOCOCCUS PNEUMONIAE, INVASIVE DISEASE																			
STREPTOCOCCUS PNEUMONIAE, INVASIVE, AGES < 5 YEARS*	0	6	0	0	2	0	0	0	3	0	0	6	4	1	4	2	0	7	
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG RESISTANT, AGES 5+*	0	3	0	0	1	2	0	0	11	0	2	7	4	1	6	1	0	24	
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG SUSCEPTIBLE, AGES 5+*	0	12	3	5	3	4	4	0	23	2	4	21	16	2	14	6	2	51	
SUBTOTAL	0	21	3	5	6	6	4	0	37	2	6	34	24	4	24	9	2	82	

VACCINE PREVENTABLE																			
CHICKENPOX*	0	63	0	0	12	0	0	0	39	3	1	40	42	0	0	0	1	44	
MUMPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
PERTUSSIS	0	0	0	0	2	0	8	1	50	0	1	20	65	3	4	0	1	22	
SUB-TOTAL	0	63	0	0	14	0	8	1	89	3	2	60	107	3	4	0	2	67	

ZOOZOSES																			
BRUCELLOSIS	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
DENGUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
ENCEPHALITIS, LACROSSE*	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	
ENCEPHALITIS, WEST NILE*	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3	
LYME DISEASE	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	0	0	4	
MALARIA	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	5	
Q FEVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
RABIES, ANIMAL*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	
ROCKY MOUNTAIN SPOTTED FEVER (RMSF)	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	
TOXOPLASMOSIS, CONGENITAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRICHINOSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TULAREMIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SUB-TOTAL	1	0	0	3	0	1	1	1	2	1	0	2	2	1	2	2	0	19	

GRAND TOTAL	13	225	30	81	108	69	54	23	460	38	32	247	368	54	103	37	46	1931
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POPULATION*	27330	108473	52523	102728	62223	46611	70226	42285	332807	28836	38890	144742	177977	40543	112075	36655	46966	1393978
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* Please see Technical Notes for explanation.

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REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY COUNTY OF RESIDENCE, OHIO, 2004

	DARKE	DEFIANCE	DELAWARE	ERIE	FAIRFIELD	FAYETTE	FRANKLIN	FULTON	GALLIA	GEAUGA	GREENE	GUERNSEY	HAMILTON	HANCOCK	HARDIN	HARRISON	HENRY
AMEBIASIS	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
BOTULISM, FOODBORNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTULISM, INFANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMPYLOBACTERIOSIS	14	2	17	2	7	3	91	4	1	6	9	7	89	4	4	5	0
CREUTZFELDT-JAKOB DISEASE (CJD)	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	1
CRYPTOSPORIDIOSIS	2	0	2	1	1	0	13	0	0	2	0	2	7	0	0	0	0
CYCLOSPORIASIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CYTOMEGALOVIRUS (CMV), CONGENITAL	0	0	1	0	0	0	1	0	0	0	1	0	1	0	1	0	0
E COLI O157:H7	1	0	1	0	4	0	9	6	0	0	2	0	11	0	0	0	0
E COLI, SHIGA TOXIN PRODUCING (NOT O157:H7)*	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
E COLI, SHIGA TOXIN PRODUCING (UNKNOWN SEROTYPE)	0	0	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0
ENCEPHALITIS, POST CHICKENPOX	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
ENCEPHALITIS, POST OTHER INFECTION*	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
ENCEPHALITIS, PRIMARY VIRAL	0	0	0	0	0	0	1	1	0	0	0	0	3	0	0	0	0
GIARDIASIS	1	0	9	2	4	2	84	1	1	11	2	5	53	12	2	0	0
HAEMOPHILUS INFLUENZAE, INVASIVE	0	2	0	0	0	0	3	0	0	0	2	0	4	2	0	0	0
HEMOLYTIC UREMIC SYNDROME (HUS)	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
HERPES, CONGENITAL	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
KAWASAKI DISEASE	0	0	0	0	0	0	0	0	0	0	1	0	8	0	0	0	0
LEGIONELLOSIS	0	0	6	0	1	1	62	0	0	2	2	0	3	0	0	0	0
LISTERIOSIS	0	0	0	0	0	0	2	0	0	2	0	0	3	0	1	0	0
MENINGITIS, ASEPTIC	3	5	27	1	20	6	138	1	4	4	17	12	111	0	4	0	2
MENINGITIS, OTHER BACTERIAL*	0	0	0	0	3	0	8	1	1	0	0	0	2	1	0	0	1
MENINGOCOCCAL DISEASE	3	1	0	2	1	0	6	0	0	1	1	0	3	0	1	0	0
RHEUMATIC FEVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALMONELLOSIS	3	2	12	5	9	3	80	9	1	9	17	5	84	3	4	3	2
SHIGELLOSIS	0	0	0	0	0	0	32	0	0	2	0	0	19	1	0	0	0
STREPTOCOCCAL DISEASE, GROUP A, INVASIVE	0	0	0	0	2	0	23	0	0	1	4	2	19	1	1	1	0
STREPTOCOCCAL DISEASE, GROUP B, IN NEWBORN	0	0	0	0	1	0	11	0	0	1	0	0	8	0	0	0	0
STREPTOCOCCAL TOXIC SHOCK SYNDROME (STSS)	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
TOXIC SHOCK SYNDROME (TSS)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
TYPHOID FEVER	0	0	0	0	0	0	3	0	0	0	0	0	2	0	0	0	0
VIBRIO PARAHAEMOLYTICUS INFECTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBRIO VULNIFICUS INFECTION	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
VIBRIOSIS, OTHER (NOT CHOLERA)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
YERSINIOSIS	0	0	1	0	0	1	8	0	0	2	0	1	3	0	1	1	0
SUB-TOTAL	27	12	76	14	53	17	587	23	8	45	58	34	439	24	19	10	6

HEPATITIS

HEPATITIS A	1	0	0	0	0	0	7	1	0	0	0	0	3	1	0	0	1
HEPATITIS B, ACUTE*	1	2	0	0	0	0	4	0	0	1	0	0	13	1	0	1	0
HEPATITIS B, CHRONIC*	0	1	5	1	0	0	86	1	0	0	4	0	28	1	0	1	0
HEPATITIS C, ACUTE*	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
HEPATITIS C, PAST OR PRESENT*	9	4	15	11	38	1	893	9	9	22	46	9	700	18	3	4	7
HEPATITIS E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL	11	7	20	12	38	1	990	11	9	24	50	9	744	21	3	6	8

* Please see Technical Notes for explanation.

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REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY COUNTY OF RESIDENCE, OHIO, 2004

OUTBREAKS	DARKE	DEFIANCE	DELAWARE	ERIE	FAIRFIELD	FAYETTE	FRANKLIN	FULTON	GALLIA	GEAUGA	GREENE	GUERNSEY	HAMILTON	HANCOCK	HARDIN	HARRISON	HENRY
FOOD-BORNE*	1	1	1	0	3	1	12	0	0	2	2	0	4	0	0	0	0
WATER-BORNE*	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
UNSPECIFIED*	0	1	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0
SUB-TOTAL	1	2	1	1	3	1	13	0	0	2	2	0	6	0	0	0	0

STREPTOCOCCUS PNEUMONIAE, INVASIVE DISEASE																		
STREPTOCOCCUS PNEUMONIAE, INVASIVE, AGES < 5 YEARS*	0	0	3	0	2	0	19	0	0	2	3	1	9	0	1	0	0	
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG RESISTANT, AGES 5+*	0	0	0	0	4	0	30	2	1	2	7	0	17	3	2	0	1	
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG SUSCEPTIBLE, AGES 5+*	1	1	3	1	13	0	45	2	2	2	8	1	47	2	5	1	1	
SUB-TOTAL	1	1	6	1	19	0	94	4	3	6	18	2	73	5	8	1	2	

VACCINE PREVENTABLE																		
CHICKENPOX*	0	26	162	0	0	5	11	81	0	5	95	21	14	0	31	0	1	
MUMPS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PERTUSSIS	1	0	29	0	4	0	214	1	1	4	8	1	159	2	0	0	0	
SUB-TOTAL	1	27	191	0	4	5	225	82	1	9	103	22	173	2	31	0	1	

ZOOSES																		
BRUCELLOSIS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
DENGUE	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
ENCEPHALITIS, LACROSSE*	0	0	1	0	4	0	1	0	0	1	0	0	0	0	0	0	0	
ENCEPHALITIS, WEST NILE*	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	
LYME DISEASE	1	0	1	0	0	0	9	0	1	0	1	1	0	0	0	0	0	
MALARIA	0	0	2	0	0	0	6	0	0	0	1	0	3	0	0	0	0	
Q FEVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RABIES, ANIMAL*	0	0	0	0	1	0	0	0	0	24	1	0	3	0	0	0	0	
ROCKY MOUNTAIN SPOTTED FEVER (RMSF)	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	
TOXOPLASMOSIS, CONGENITAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRICHINOSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TULAREMIA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
SUB-TOTAL	1	0	4	0	5	0	17	0	1	25	3	1	12	0	1	0	0	

GRAND TOTAL	42	49	298	28	122	24	1926	120	22	111	234	68	1447	52	62	17	17
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POPULATION*	53309	39500	109989	79551	122759	28433	1068978	42084	31069	90895	147886	40792	845303	71295	31945	15856	29210
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* Please see Technical Notes for explanation.

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REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY COUNTY OF RESIDENCE, OHIO, 2004

	HIGHLAND	HOCKING	HOLMES	HURON	JACKSON	JEFFERSON	KNOX	LAKE	LAWRENCE	LICKING	LOGAN	LORAIN	LUCAS	MADISON	MAHONING	MARION	MEDINA	MEIGS
AMEBIASIS	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
BOTULISM, FOODBORNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTULISM, INFANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMPYLOBACTERIOSIS	5	3	10	3	7	7	3	37	3	22	2	24	57	4	20	8	25	3
CREUTZFELDT-JAKOB DISEASE (CJD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CRYPTOSPORIDIOSIS	0	0	0	0	0	0	0	0	1	4	2	4	2	0	6	6	8	0
CYCLOSPORIASIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CYTOMEGALOVIRUS (CMV), CONGENITAL	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0
E COLI O157:H7	0	0	0	0	0	0	0	2	0	0	0	5	4	0	0	0	4	1
E COLI, SHIGA TOXIN PRODUCING (NOT O157:H7)*	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
E COLI, SHIGA TOXIN PRODUCING (UNKNOWN SEROTYPE)	1	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0
ENCEPHALITIS, POST CHICKENPOX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENCEPHALITIS, POST OTHER INFECTION*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENCEPHALITIS, PRIMARY VIRAL	1	0	1	0	0	1	0	1	0	0	1	0	1	0	1	0	0	0
GIARDIASIS	3	0	5	10	3	2	2	25	2	8	3	13	41	5	8	4	10	0
HAEMOPHILUS INFLUENZAE, INVASIVE	0	0	1	0	0	2	1	1	1	0	0	1	6	0	7	1	2	0
HEMOLYTIC UREMIC SYNDROME (HUS)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HERPES, CONGENITAL	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0	0	0	0
KAWASAKI DISEASE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	2	1
LEGIONELLOSIS	0	0	0	1	0	2	0	5	0	1	0	8	8	2	4	0	5	0
LISTERIOSIS	0	0	0	0	0	1	0	2	0	0	0	3	1	0	1	0	0	0
MENINGITIS, ASEPTIC	3	11	3	0	5	2	2	8	53	31	1	13	103	0	9	15	9	9
MENINGITIS, OTHER BACTERIAL*	0	1	0	0	0	0	2	1	0	2	0	2	0	0	2	1	1	0
MENINGOCOCCAL DISEASE	0	0	0	0	0	0	0	4	0	0	0	1	1	1	0	0	0	0
RHEUMATIC FEVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALMONELLOSIS	5	1	4	5	5	9	4	28	1	15	5	25	56	2	21	5	30	1
SHIGELLOSIS	1	0	0	0	0	0	0	1	0	0	0	3	13	0	1	0	1	1
STREPTOCOCCAL DISEASE, GROUP A, INVASIVE	0	0	2	0	0	1	1	9	1	5	0	4	10	1	2	0	1	0
STREPTOCOCCAL DISEASE, GROUP B, IN NEWBORN	1	0	0	0	0	0	0	0	0	1	0	0	2	0	1	0	1	0
STREPTOCOCCAL TOXIC SHOCK SYNDROME (STSS)	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	1	0
TOXIC SHOCK SYNDROME (TSS)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
TYPHOID FEVER	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
VIBRIO PARAHAEMOLYTICUS INFECTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBRIO VULNIFICUS INFECTION	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
VIBRIOSIS, OTHER (NOT CHOLERA)	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YERSINIOSIS	0	0	0	0	0	1	2	1	0	1	0	1	4	0	1	0	0	0
SUB-TOTAL	20	17	28	19	20	28	17	127	62	91	14	114	319	17	89	40	101	17

HEPATITIS

HEPATITIS A	0	1	0	1	2	0	0	2	0	2	1	0	3	0	1	0	1	0
HEPATITIS B, ACUTE*	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0
HEPATITIS B, CHRONIC*	1	0	0	0	0	0	1	2	1	3	0	2	6	0	1	0	4	0
HEPATITIS C, ACUTE*	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
HEPATITIS C, PAST OR PRESENT*	14	6	2	5	3	22	11	75	21	73	9	97	158	7	137	17	27	7
HEPATITIS E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL	16	7	2	6	5	22	12	79	22	79	10	100	167	7	140	17	33	7

* Please see Technical Notes for explanation.

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REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY COUNTY OF RESIDENCE, OHIO, 2004

	HIGHLAND	HOCKING	HOLMES	HURON	JACKSON	JEFFERSON	KNOX	LAKE	LAWRENCE	LICKING	LOGAN	LORAIN	LUCAS	MADISON	MAHONING	MARION	MEDINA	MEIGS	
OUTBREAKS																			
FOOD-BORNE*	0	0	0	0	0	0	0	3	0	0	0	2	6	1	2	1	5	0	
WATER-BORNE*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
UNSPECIFIED*	0	0	0	0	0	0	0	2	0	1	2	2	2	0	0	0	0	1	
SUB-TOTAL	0	0	0	0	0	0	0	5	0	1	2	4	8	1	2	1	5	1	
STREPTOCOCCUS PNEUMONIAE, INVASIVE DISEASE																			
STREPTOCOCCUS PNEUMONIAE, INVASIVE, AGES < 5 YEARS*	3	1	0	0	1	0	0	3	0	0	0	4	4	0	2	0	2	0	
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG RESISTANT, AGES 5+*	0	1	0	0	5	3	1	5	4	4	1	4	14	2	6	0	2	1	
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG SUSCEPTIBLE, AGES 5+*	2	3	1	1	3	7	4	8	4	7	4	11	26	0	15	3	6	1	
SUB-TOTAL	5	5	1	1	9	10	5	16	8	11	5	19	44	2	23	3	10	2	
VACCINE PREVENTABLE																			
CHICKENPOX*	8	0	0	7	0	0	0	57	41	28	2	237	125	3	12	0	31	0	
MUMPS	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	
PERTUSSIS	4	5	5	1	0	2	1	7	7	15	3	3	3	1	4	4	2	4	
SUB-TOTAL	12	5	5	8	0	2	1	65	49	43	5	240	129	5	16	4	33	4	
ZOOZOSES																			
BRUCELLOSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	
DENGUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENCEPHALITIS, LACROSSE*	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
ENCEPHALITIS, WEST NILE*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LYME DISEASE	0	1	0	0	0	0	0	2	0	1	0	2	2	0	2	0	0	0	
MALARIA	0	0	0	1	0	0	1	0	0	0	0	0	2	0	0	0	1	0	
Q FEVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RABIES, ANIMAL*	1	1	1	0	0	1	0	23	0	0	0	0	1	0	0	1	1	0	
ROCKY MOUNTAIN SPOTTED FEVER (RMSF)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
TOXOPLASMOSIS, CONGENITAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRICHINOSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TULAREMIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SUB-TOTAL	1	2	3	1	0	1	2	25	0	1	0	2	5	1	3	1	2	0	
GRAND TOTAL	54	36	39	35	34	63	37	317	141	226	36	479	672	33	273	66	184	31	
POPULATION*	40875	28241	38943	59487	32641	73894	54500	227511	62319	145491	46005	284664	455054	40213	257555	66217	151095	23072	

* Please see Technical Notes for explanation.

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REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY COUNTY OF RESIDENCE, OHIO, 2004

	MERCER	MIAMI	MONROE	MONTGOMERY	MORGAN	MORROW	MUSKINGUM	NOBLE	OTTAWA	PAULDING	PERRY	PICKAWAY	PIKE	PORTAGE	PREBLE	PUTNAM	RICHLAND	ROSS
AMEBIASIS	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTULISM, FOODBORNE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOTULISM, INFANT	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
CAMPYLOBACTERIOSIS	19	11	1	24	3	0	7	0	7	4	0	2	5	20	3	2	15	9
CREUTZFELDT-JAKOB DISEASE (CJD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTOSPORIDIOSIS	25	0	1	5	0	0	1	0	0	0	0	1	0	3	0	0	0	0
CYCLOSPORIASIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CYTOMEGALOVIRUS (CMV), CONGENITAL	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E COLI O157:H7	2	1	0	1	0	0	1	1	0	1	0	0	0	1	1	2	1	0
E COLI, SHIGA TOXIN PRODUCING (NOT O157:H7)*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E COLI, SHIGA TOXIN PRODUCING (UNKNOWN SEROTYPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENCEPHALITIS, POST CHICKENPOX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENCEPHALITIS, POST OTHER INFECTION*	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
ENCEPHALITIS, PRIMARY VIRAL	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0
GIARDIASIS	8	10	1	20	1	3	15	0	2	1	4	3	3	7	0	4	2	1
HAEMOPHILUS INFLUENZAE, INVASIVE	2	4	0	7	0	0	0	0	0	0	0	0	0	3	1	0	1	0
HEMOLYTIC UREMIC SYNDROME (HUS)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
HERPES, CONGENITAL	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
KAWASAKI DISEASE	0	0	0	6	0	1	0	0	0	0	0	0	0	1	1	0	0	0
LEGIONELLOSIS	0	1	0	6	0	0	1	0	0	0	0	0	0	3	0	0	4	0
LISTERIOSIS	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
MENINGITIS, ASEPTIC	4	9	0	73	4	3	33	0	4	1	6	18	6	18	3	2	3	10
MENINGITIS, OTHER BACTERIAL*	0	1	0	7	0	0	1	0	0	0	0	0	1	1	0	0	0	2
MENINGOCOCCAL DISEASE	0	0	0	3	0	0	2	0	0	0	0	0	0	1	0	1	0	0
RHEUMATIC FEVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALMONELLOSIS	3	19	1	68	0	2	12	0	3	1	3	12	4	12	4	5	10	6
SHIGELLOSIS	0	3	0	10	0	0	0	0	0	0	1	0	0	1	0	0	1	0
STREPTOCOCCAL DISEASE, GROUP A, INVASIVE	0	0	0	16	0	0	0	0	0	0	0	0	0	1	2	0	2	0
STREPTOCOCCAL DISEASE, GROUP B, IN NEWBORN	0	0	0	6	0	0	0	0	1	0	0	0	0	0	0	0	2	0
STREPTOCOCCAL TOXIC SHOCK SYNDROME (STSS)	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOXIC SHOCK SYNDROME (TSS)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TYPHOID FEVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBRIO PARAHAEMOLYTICUS INFECTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBRIO VULNIFICUS INFECTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBRIOSIS, OTHER (NOT CHOLERA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YERSINIOSIS	0	0	0	7	0	0	0	0	0	0	0	0	0	1	0	0	0	0
SUB-TOTAL	64	59	4	270	8	11	74	1	17	9	14	36	19	75	15	18	41	28

HEPATITIS

HEPATITIS A	0	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0
HEPATITIS B, ACUTE*	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2	2	1
HEPATITIS B, CHRONIC*	0	4	0	13	0	0	2	0	0	0	0	2	0	5	0	0	0	0
HEPATITIS C, ACUTE*	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEPATITIS C, PAST OR PRESENT*	3	16	3	341	1	2	17	8	8	4	6	50	5	33	13	5	97	15
HEPATITIS E	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL	3	21	3	358	1	2	19	8	8	4	7	52	5	40	14	7	99	16

* Please see Technical Notes for explanation.

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REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY COUNTY OF RESIDENCE, OHIO, 2004

OUTBREAKS	MERCER	MIAMI	MONROE	MONTGOMERY	MORGAN	MORROW	MUSKINGUM	NOBLE	OTTAWA	PAULDING	PERRY	PICKAWAY	PIKE	PORTAGE	PREBLE	PUTNAM	RICHLAND	ROSS
	FOOD-BORNE*	1	3	0	4	0	0	0	0	2	0	0	1	0	0	0	0	1
WATER-BORNE*	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
UNSPECIFIED*	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0
SUB-TOTAL	1	3	0	6	0	0	0	0	3	0	0	1	0	0	0	1	1	0

STREPTOCOCCUS PNEUMONIAE, INVASIVE DISEASE																		
STREPTOCOCCUS PNEUMONIAE, INVASIVE, AGES < 5 YEARS*	3	0	0	6	0	0	0	0	0	0	0	1	0	1	0	0	0	0
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG RESISTANT, AGES 5+*	0	4	0	14	0	0	2	0	1	0	0	0	0	6	2	2	1	3
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG SUSCEPTIBLE, AGES 5+*	3	8	0	45	1	1	10	1	0	0	2	5	0	11	3	1	0	6
SUB-TOTAL	6	12	0	65	1	1	12	1	1	0	2	6	0	18	5	3	1	9

VACCINE PREVENTABLE																		
CHICKENPOX*	1	16	1	112	0	1	0	5	27	1	0	61	3	0	11	3	2	1
MUMPS	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERTUSSIS	1	7	16	42	0	7	0	1	0	0	2	1	0	11	0	4	9	
SUB-TOTAL	2	24	18	154	0	8	0	6	27	1	0	63	4	0	22	3	6	10

ZOOZOSES																		
BRUCELLOSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DENGUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENCEPHALITIS, LACROSSE*	0	0	0	1	0	0	2	0	0	0	1	0	1	1	0	0	2	0
ENCEPHALITIS, WEST NILE*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LYME DISEASE	0	0	0	2	1	0	0	0	0	0	0	1	0	2	0	0	0	0
MALARIA	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Q FEVER	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RABIES, ANIMAL*	0	1	1	2	0	0	0	0	0	0	0	1	0	3	0	0	0	1
ROCKY MOUNTAIN SPOTTED FEVER (RMSF)	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1
TOXOPLASMOSIS, CONGENITAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRICHINOSIS	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
TULAREMIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL	0	2	1	8	1	0	2	0	0	0	1	2	3	7	0	0	2	2

GRAND TOTAL	76	121	26	861	11	22	107	16	56	14	24	160	31	140	56	32	150	65
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POPULATION*	40924	98868	15180	559062	14897	31628	84585	14058	40985	20293	34078	52727	27695	152061	42337	34726	128852	73345
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* Please see Technical Notes for explanation.

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REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY COUNTY OF RESIDENCE, OHIO, 2004

	SANDUSKY	SCIOTO	SENECA	SHELBY	STARK	SUMMIT	TRUMBULL	TUSCARAWAS	UNION	VAN WERT	VINTON	WARREN	WASHINGTON	WAYNE	WILLIAMS	WOOD	WYANDOT
AMEBIASIS	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0
BOTULISM, FOODBORNE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
BOTULISM, INFANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMPYLOBACTERIOSIS	11	4	10	8	41	69	26	24	5	2	1	7	8	23	1	13	0
CREUTZFELDT-JAKOB DISEASE (CJD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRYPTOSPORIDIOSIS	0	0	0	18	12	3	21	1	3	0	0	2	1	1	0	1	0
CYCLOSPORIASIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CYTOMEGALOVIRUS (CMV), CONGENITAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E COLI O157:H7	0	1	3	1	2	5	2	0	1	0	0	5	1	0	0	2	0
E COLI, SHIGA TOXIN PRODUCING (NOT O157:H7)*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E COLI, SHIGA TOXIN PRODUCING (UNKNOWN SEROTYPE)	0	0	0	0	3	0	0	1	0	0	0	0	0	0	0	1	0
ENCEPHALITIS, POST CHICKENPOX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENCEPHALITIS, POST OTHER INFECTION*	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
ENCEPHALITIS, PRIMARY VIRAL	0	1	0	1	1	4	1	0	0	1	0	0	0	1	0	0	0
GIARDIASIS	5	4	1	6	54	48	7	17	5	0	1	11	0	8	0	9	1
HAEMOPHILUS INFLUENZAE, INVASIVE	0	0	1	0	8	4	2	1	0	0	0	3	1	1	0	0	0
HEMOLYTIC UREMIC SYNDROME (HUS)	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
HERPES, CONGENITAL	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
KAWASAKI DISEASE	1	0	0	0	5	5	1	0	0	0	0	3	0	2	0	0	0
LEGIONELLOSIS	1	0	0	0	7	9	1	2	0	0	0	4	0	3	0	1	0
LISTERIOSIS	0	0	0	0	2	2	2	1	0	0	0	1	0	2	0	0	0
MENINGITIS, ASEPTIC	18	61	7	4	44	62	2	5	13	2	4	28	3	8	2	14	1
MENINGITIS, OTHER BACTERIAL*	2	1	0	0	3	12	1	0	2	1	0	0	0	0	0	0	0
MENINGOCOCCAL DISEASE	0	1	1	1	2	2	1	1	0	0	0	1	0	1	0	1	0
RHEUMATIC FEVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALMONELLOSIS	11	10	7	4	49	65	14	15	4	1	0	14	8	17	4	18	4
SHIGELLOSIS	9	0	1	0	2	11	0	0	0	0	0	2	1	0	0	1	0
STREPTOCOCCAL DISEASE, GROUP A, INVASIVE	1	2	1	2	7	13	5	0	1	0	0	6	0	0	0	1	2
STREPTOCOCCAL DISEASE, GROUP B, IN NEWBORN	0	0	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0
STREPTOCOCCAL TOXIC SHOCK SYNDROME (STSS)	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0
TOXIC SHOCK SYNDROME (TSS)	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
TYPHOID FEVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBRIO PARAHAEMOLYTICUS INFECTION	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBRIO VULNIFICUS INFECTION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VIBRIOSIS, OTHER (NOT CHOLERA)	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
YERSINIOSIS	0	0	0	0	4	1	0	4	0	0	0	0	0	0	0	0	0
SUB-TOTAL	59	85	32	46	253	322	90	73	34	7	6	90	23	68	7	62	8

HEPATITIS

HEPATITIS A	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0
HEPATITIS B, ACUTE*	1	1	0	0	5	26	11	1	0	0	0	3	0	1	0	1	0
HEPATITIS B, CHRONIC*	1	0	0	0	12	32	4	0	0	0	0	3	0	8	1	1	0
HEPATITIS C, ACUTE*	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEPATITIS C, PAST OR PRESENT*	16	152	9	10	98	233	84	12	13	6	0	53	58	21	1	15	3
HEPATITIS E	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL	20	153	9	11	116	293	99	13	13	6	0	59	58	30	2	17	3

* Please see Technical Notes for explanation.

Continued on next page

REPORTED CASES OF SELECTED NOTIFIABLE DISEASES BY COUNTY OF RESIDENCE, OHIO, 2004

OUTBREAKS	SANDUSKY	SCIOTO	SENECA	SHELBY	STARK	SUMMIT	TRUMBULL	TUSCARAWAS	UNION	VAN WERT	VINTON	WARREN	WASHINGTON	WAYNE	WILLIAMS	WOOD	WYANDOT
FOOD-BORNE*	0	0	2	1	4	1	1	0	0	0	0	0	2	0	0	1	0
WATER-BORNE*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UNSPECIFIED*	2	1	0	0	1	3	0	0	1	0	0	0	0	0	0	1	0
SUB-TOTAL	2	1	2	1	5	4	1	0	1	0	0	0	2	0	0	2	0

STREPTOCOCCUS PNEUMONIAE, INVASIVE DISEASE																	
STREPTOCOCCUS PNEUMONIAE, INVASIVE, AGES < 5 YEARS*	0	0	0	2	4	1	3	0	0	0	0	3	1	0	0	0	0
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG RESISTANT, AGES 5+*	2	2	2	0	15	15	6	3	0	0	1	4	5	1	0	1	0
STREPTOCOCCUS PNEUMONIAE, INVASIVE, DRUG SUSCEPTIBLE, AGES 5+*	4	7	4	1	24	54	15	7	1	0	1	16	0	2	0	5	1
SUB-TOTAL	6	9	6	3	43	70	24	10	1	0	2	23	6	3	0	6	1

VACCINE PREVENTABLE																	
CHICKENPOX*	18	0	6	6	16	17	1	29	0	0	0	0	9	0	0	15	0
MUMPS	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
PERTUSSIS	0	4	1	2	18	18	3	1	36	1	0	20	3	1	0	4	0
SUB-TOTAL	18	4	7	8	34	35	4	30	36	1	0	21	12	1	0	20	0

ZOOSES																	
BRUCELLOSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DENGUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENCEPHALITIS, LACROSSE*	0	0	0	0	1	0	0	0	1	0	0	0	0	4	0	0	0
ENCEPHALITIS, WEST NILE*	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
LYME DISEASE	0	0	0	0	0	3	6	0	0	0	0	0	3	0	0	0	0
MALARIA	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Q FEVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RABIES, ANIMAL*	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	2	1
ROCKY MOUNTAIN SPOTTED FEVER (RMSF)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOXOPLASMOSIS, CONGENITAL	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
TRICHINOSIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TULAREMIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUB-TOTAL	0	2	0	1	1	5	6	1	1	0	0	0	3	7	0	2	1

GRAND TOTAL	105	254	56	70	452	729	224	127	86	14	8	193	104	109	9	109	13
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POPULATION*	61792	79195	58683	47910	378098	542899	225116	90914	40909	29659	12806	158383	63251	111564	39188	121065	22908
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* Please see Technical Notes for explanation.

SALMONELLA SEROTYPES BY YEAR OF REPORT OHIO, 2000 – 2004

SEROTYPE NAME	2000	2001	2002	2003	2004*
ABAETETUBA	1	0	1	0	0
ADELAIDE	1	2	3	2	0
AGBENI	0	4	2	4	1
AGONA	8	12	9	13	7
AGOUEVE	0	0	1	0	0
AHUZA	0	1	0	0	0
AJIOBO	0	0	0	0	1
ALACHUA	3	0	1	0	2
ALTONA	0	1	0	0	0
ANATUM	2	6	8	7	6
ANTSALOVA	1	0	0	0	0
APAPA	0	0	1	0	0
APEYEME	0	0	0	0	1
BABELSBERG	0	0	0	0	1
BAREILLY	1	2	3	2	10
BERTA	9	3	0	4	5
BLOCKLEY	1	1	0	1	2
BONARIENSIS	0	0	1	0	0
BOVIS-MORBIFICANS	3	5	5	4	2
BRAENDERUP	29	18	29	31	38
BRANDENBURG	2	2	3	5	1
BREDENY	0	0	0	1	1
BSILLA	0	0	0	0	1
BUKAVU	1	0	0	0	0
CALIFORNIA	0	0	0	0	1
CARRAU	0	0	0	1	0
CERRO	0	0	1	1	0
CHOLERAESUIS	0	0	0	0	1
CHOLERAESUIS, VAR KUNZENDORF	0	0	0	1	1
COELN	0	0	0	0	1
CUBANA	0	0	2	4	1
CURACAO	0	0	1	0	0
DERBY	6	3	1	5	4
DUBLIN	0	0	3	4	0
EALING	0	2	0	0	0
EASTBORNE	1	0	0	2	0
ELOMRANE	0	0	0	0	1
ENTERITIDIS	240	276	211	259	228
FARSTA	0	0	0	0	1
FISCHERSTRASSE	1	0	0	0	0
FLUNTERN	0	0	1	0	0
GAMINARA	0	0	0	2	1
GEORGIA	0	0	0	1	0
GIVE	2	1	2	8	7
GIVE, VAR O15 +	0	0	0	1	0
GLOSTRUP	0	1	0	0	0
GOMBE	0	0	0	0	1
HADAR	8	6	14	6	4
HAIFA	0	0	0	0	1
HARTFORD	4	15	26	32	11
HAVANA	1	2	2	2	1

* Please see Technical Notes for explanation.

Continued on next page

SALMONELLA SEROTYPES BY YEAR OF REPORT
OHIO, 2000 – 2004
(Continued)

SEROTYPE NAME	2000	2001	2002	2003	2004*
HEIDELBERG	43	73	75	54	56
HIDALGO	1	0	0	0	0
HOLCOMB	0	0	1	0	0
HVITTINGFOSS	5	2	0	0	2
INDIANA	0	0	0	4	1
INFANTIS	23	15	18	10	5
INVERNESS	0	0	1	0	0
ISANGI	0	0	0	1	0
JANGWANI	0	0	1	0	0
JAVA	0	0	0	0	1
JAVIANA	10	12	17	16	38
JOHANNESBURG	1	3	0	1	1
KAAPSTAD	0	0	0	1	0
KAPEMBA	0	0	0	0	1
KENTUCKY	0	1	2	1	0
KIAMBU	0	0	0	1	0
KINGABWA	0	0	3	0	0
KINSHASA	1	0	0	0	0
KINTAMBO	0	0	1	2	2
KOKOMLEMLE	0	0	0	1	0
KOTTBUS	0	1	1	0	0
KREFELD	0	0	1	0	0
LEXINGTON	0	0	0	0	2
LITCHFIELD	6	5	6	7	5
LIVINGSTONE	0	1	0	0	0
LOMA LINDA	0	0	1	1	0
LONDON	0	0	0	1	1
MANHATTAN	2	2	3	1	1
MATADI	0	2	0	0	1
MBANDAKA	1	4	11	1	3
MELEAGRIDIS	1	1	3	1	0
MENDOZA	0	0	0	0	6
MIAMI	1	1	7	3	2
MINNESOTA	0	0	1	2	2
MISSISSIPPI	0	0	3	6	0
MOLADE	0	0	1	0	0
MONSCHAUI	0	0	0	2	0
MONTEVIDEO	23	12	31	28	19
MOROTAI	0	0	0	0	1
MUENCHEN	5	14	17	18	15
MUENSTER	2	2	1	3	0
NEWPORT	129	67	98	100	80
NIMA	0	1	0	0	0
NORWICH	0	0	0	1	0
OHIO	2	1	4	3	2
ORANIENBURG	0	33	41	35	16
ORION	0	2	1	0	0
OSLO	0	3	3	1	1
OTHMARSCHEN	0	0	1	0	0
PANAMA	1	6	4	0	3
PARATYPHI A	2	3	2	1	6

* Please see Technical Notes for explanation.

Continued on next page

SALMONELLA SEROTYPES BY YEAR OF REPORT
OHIO, 2000 – 2004
(Continued)

SEROTYPE NAME	2000	2001	2002	2003	2004*
PARATYPHI B	12	6	2	3	11
PARATYPHI B, VAR JAVA	0	0	0	0	1
PARATYPHI B, VAR L-TARTRATE +	0	0	0	0	18
PARATYPHI B, VAR TARTRATE +	8	32	49	44	7
PARERA	0	0	0	1	0
POANA	0	1	0	1	2
POMONA	0	4	0	2	5
POONA	10	7	9	4	2
POTSDAM	0	4	0	0	0
PUTTEN	0	0	0	1	0
READING	2	2	2	2	3
RICHMOND	1	1	0	0	0
RISSEN	1	0	0	0	0
RUBISLAW	0	1	0	1	1
SAINT PAUL	6	18	22	25	15
SAL. 0:4(B) 4,5(B):l: monophasic	0	0	0	0	1
SAL. 9,12:Nonmotile	0	0	0	0	1
SAL. (I) 3,10,19:g,s,t:-	0	0	0	1	0
SAL. (I) 6,14,25:b:-	0	0	0	0	1
SAL. (I) 14,5,12:i:-	0	0	0	1	0
SAL. (II) 9,12:d:x	0	0	0	1	0
SAL. (II) 9,46:m,t:x	0	0	0	0	1
SAL. (II) 50:b:z6	0	0	1	1	0
SAL. (II) 58:l,z13,z28:z6	0	0	0	0	1
SAL. (III) (Arizona)	3	1	26	3	3
SAL. (IIIa) 13,23:H Undetermined	0	0	0	1	0
SAL. (IIIa) 41:z4,z23:-	0	0	0	0	1
SAL. (IIIa) 51:z4,z23:-	0	0	0	0	1
SAL. (IIIb) 50:l,v:z35	0	0	0	0	1
SAL. (IIIb) 60:r:e,n,x,z15	0	0	0	1	0
SAL. (IIIb) 60:r:z	0	0	0	0	1
SAL. (IIIb) 61:c:z35	0	0	0	1	0
SAL. (IIIb) 61:l,v,z13:1,5	0	0	0	0	1
SAL. (IIIb) 61:l,v,z13:z35	0	0	0	1	0
SAL. (IIIb) 61:l,v:z35	0	0	0	0	1
SAL. (IIIb) 61:r:z53	0	0	0	1	0
SAL. (IV) 6,7:z4,z24:- (Kralendyk)	1	1	2	0	1
SAL. (IV) 16:z4,z32:- (Chameleon)	1	3	1	0	0
SAL. (IV) 44:z4	0	0	2	0	0
SAL. (IV) 44:z4,z23:-	0	0	0	2	1
SAL. (IV) 45:g:z51:-	0	0	0	1	2
SAL. (IV) 45:z51	0	0	2	0	0
SAL. (IV) 48:g,z51:- (Marina)	6	6	0	2	2
SAL. (IV) 48:z51	0	0	1	0	0
SAL. (IV) 50:g,z51:- (Wassenaar)	0	0	1	2	0
SAL. (IV) 50:z4,z23:- (Flint)	2	2	0	0	1
SAN DIEGO	8	5	5	5	6
SCHWARTZENGRUND	6	7	6	3	2
SENFTEMBERG	4	0	5	1	1
SHUBRA	1	2	0	1	0
SINSTORF	0	0	2	0	1

* Please see Technical Notes for explanation.

Continued on next page

SALMONELLA SEROTYPES BY YEAR OF REPORT OHIO, 2000 – 2004

(Continued)

SEROTYPE NAME	2000	2001	2002	2003	2004*
STANLEY	13	6	8	6	6
STONEFERRY	0	0	0	1	0
SUNDSVALL	0	0	0	1	0
TAKORADI	0	0	1	0	0
TALLAHASSEE	0	0	0	1	0
TELELKEBIR	1	0	0	0	1
TENNESSEE	1	0	2	2	5
THOMPSON	4	26	30	55	19
THOMPSON, VAR O14 +	0	0	0	0	1
TYPHIMURIUM	211	325	359	246	196
TYPHIMURIUM, VAR 0:5-	0	0	0	1	0
TYPHIMURIUM, VAR COPENHAGEN	0	0	0	0	35
UGANDA	0	0	2	0	0
UGANDA, VAR O15 +	0	0	0	1	0
URBANA	2	4	2	3	5
UZARAMO	0	0	0	1	1
VIRCHOW	3	5	4	1	4
WANDSWORTH	0	1	0	0	1
WELTEVRENDEN	0	2	1	2	1
WESTHAMPTON	0	0	0	0	1
WOODINVILLE	0	0	0	1	0
WORTHINGTON	0	1	2	1	0
SUB-TOTAL	891	1103	1242	1146	989

SEROGROUP (UNKNOWN SEROTYPE)

GROUP A	3	0	0	2	0
GROUP B	157	12	34	36	77
GROUP C	82	9	31	12	11
GROUP C1	0	0	0	6	4
GROUP C2	0	0	0	4	3
GROUP D	223	14	18	21	21
GROUP E	9	2	1	0	2
GROUP F	0	0	2	0	0
GROUP G	0	2	1	0	0
GROUP H	1	0	0	0	0
GROUP I	3	0	0	0	0
SUB-TOTAL	478	39	87	81	118

UNGROUPED, UNTYPED SALMONELLA	233	210	96	99	88
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GRAND TOTAL	1602	1352	1425	1326	1195
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* Please see Technical Notes for explanation.

**MENINGOCOCCAL DISEASE SEROGROUPS
BY YEAR OF REPORT, OHIO, 2000-2004**

SEROGROUP	2000	2001	2002	2003	2004*
GROUP A	1	0	0	0	0
GROUP B	12	22	16	11	18
GROUP C	21	14	18	9	13
GROUP W135	0	1	1	0	0
GROUP X	0	0	0	0	1
GROUP Y	23	22	21	19	21
GROUP Z' (29E)	0	0	0	1	0
NOT GROUPABLE	1	1	1	0	0
OTHER	2	0	0	0	0
UNKNOWN	34	31	17	20	10
TOTAL	94	91	74	60	63

* Please see Technical Notes for explanation.

<p style="text-align: center;">TECHNICAL NOTES: 2000 – 2004 OHIO REPORTABLE DISEASES</p>

Infectious Disease Surveillance System:

The diseases included in this report are part of a passive surveillance system, where laboratories and health care providers report cases without being actively contacted in a systematic manner. Therefore, these numbers do not represent a complete enumeration of all incident cases. A significant percentage of persons with these diseases are not specifically diagnosed or even seek treatment, so the true number of persons with these diseases is unknown. Even though only a portion of cases are reported, these data provide valuable insight into the demographic, geographic and secular trends for these diseases.

Explanation of Tables:

Data reflect disease incidence for Ohio residents only, but include diseases (malaria, for example) acquired by Ohio residents while traveling out-of-state or overseas. Individual cases were reported through the Ohio Disease Reporting System (ODRS) beginning in September 2001.

2004 data are presented by date of disease onset with the exception of chickenpox, acute hepatitis B, chronic hepatitis B, acute hepatitis C and past or present hepatitis C. Chickenpox, hepatitis B and hepatitis C are shown by date of report for 2004. Previous annual summaries from 1992 to 2003 were shown by date of report.

Population data for the “By Year of Report” table are from the U.S. Census Population Midpoint Estimates for each year. Population data for all other tables are from the 2000 U.S. Census. Midpoint estimates by age, gender and county are unavailable for 2004.

In the “By Year of Report” table, the mean and median are calculated only when five years of data are available.

“Age” refers to the patient’s age at the earliest known date associated with the disease.

“Month” refers to the month of onset of symptoms, except as noted above.

“County” refers to the patient’s county of residence. If a county of residence is unknown, then the county in which the hospital, physician or local health department is located is used.

Case Criteria:

For all diseases, the case criteria used are those provided in: “Case Definitions for Infectious Conditions Under Public Health Surveillance,” MMWR (Morbidity and Mortality Weekly Report) 1997; 46 (No. RR-10), and the Ohio Department of Health (ODH) Infectious Disease Control Manual (IDCM). This summary includes confirmed, probable and suspected cases.

Notes on Specific Diseases:

Chickenpox (a Class B disease): only the number of cases by month and county are reported. Chickenpox is a class B reportable disease. It is reported in aggregate form on a weekly basis. Date of onset is not reported; therefore, all data are compiled by date of report.

***E. coli* Shiga Toxin Producing (Not O157:H7):** became a reportable disease in Ohio in February 2001. Cases listed in the year 2000 were received at ODH prior to becoming a reportable condition in Ohio.

Ehrlichiosis: became a reportable disease in Ohio in February 2001.

Encephalitis, Lacrosse: case reporting to CDC through ArboNet began in 2003 by the ODH Bureau of Infectious Disease Control, Vector-borne Disease Program. ArboNet is an electronic-based surveillance system created by the CDC to streamline arboviral disease reporting from state public health departments. Additional information on arboviral diseases can be found at <http://www.odh.ohio.gov/odhPrograms/idc/zoodis/vbdp/vbdppfs.aspx>.

Encephalitis, Post Other Infection: includes encephalitis following a non-central nervous system viral illness or after vaccine was administered.

Encephalitis, West Nile: the first human case in Ohio was reported in August 2002. Case reporting to CDC through ArboNet began in 2003 by the ODH Bureau of Infectious Disease Control, Vector-borne Disease Program. ArboNet is an electronic-based surveillance system created by the CDC to streamline arboviral disease reporting from state public health departments. Additional information on vector-borne diseases can be found at <http://www.odh.ohio.gov/odhPrograms/idc/zoodis/vbdp/vbdppfs.aspx>.

Hepatitis: chronic cases of Hepatitis B and C became reportable in 2003; therefore, counts prior to 2003 include acute cases only. "Month" refers to the month the case was reported to CDC (MMWR month).

Meningitis, Other Bacterial: includes cases of bacterial meningitis for which the agent was specified, excluding Group A *Streptococcus*, Group B *Streptococcus* (in newborns), *Haemophilus influenzae*, *Listeria monocytogenes*, invasive *Streptococcus pneumoniae* and *Neisseria meningitidis*.

Outbreaks (Food-borne, Water-borne and Unspecified): numbers indicate the number of outbreaks reported and do not reflect the number of cases involved in the outbreak. Therefore, outbreak data are not included in the "Age in Years" and "Gender" tables. The source of outbreak data is the ODH Bureau of Infectious Disease Control, Investigation Section. One multi-state outbreak (onset in July 2004) is not included in the "County" table; therefore, county tables do not match onset totals. The Ohio counties involved were: Lorain, Mahoning, Medina, Stark, Summit and Tuscarawas.

Rabies, Animal: refers only to cases among animal species. The last reported case of human rabies in Ohio occurred in 1971.

***Streptococcus pneumoniae*, Invasive, Age < 5 Years:** became nationally notifiable in 2003 for all children less than 5 years of age regardless of drug resistance pattern.

***Streptococcus pneumoniae*, Invasive, Drug Resistant, Ages 5+:** became nationally notifiable in 2003 for all ages with antibiotic resistance. Numbers include cases 5 years of age and older with intermediate resistance or resistance to one or more antimicrobial agent.

***Streptococcus pneumoniae*, Invasive, Drug Susceptible, Ages 5+:** numbers include cases 5 years of age and older with invasive *Streptococcus pneumoniae* that is susceptible or of unknown susceptibility to any antimicrobial agent.

Vancomycin-Resistant Enterococcal Disease: no longer reportable in Ohio as of April 14, 2003. Data for 2003 reflect cases with disease onset dates from Jan. 1 through April 13, 2003.

Diseases Not Included in Tables:

There were no known cases in Ohio of the following reportable diseases during at least the past five years, thus they are not included in the 2000-2004 disease tables: anthrax, botulism - other, cholera, diphtheria, encephalitis (post mumps and St. Louis), hantavirus, human rabies, measles (indigenous), plague, poliomyelitis, Reye's syndrome, rubella (not congenital), typhus fever (louse-borne) and yellow fever.

Diseases not included in the "Age in Years," "Gender," "Month of Onset" and "County of Residence" tables had no known cases reported in 2004.

HIV/AIDS, sexually transmitted diseases and tuberculosis surveillance data are not included. Please refer to the ODH Web site for summary reports for these diseases at <http://www.odh.ohio.gov/healthStats/disease/id1.aspx>.

Special Note on *Salmonella* Serotypes and Meningococcal Disease Serogroups:

The Bacteriology Laboratory at the Ohio Department of Health performs serotyping of *Salmonella* isolates and serogrouping of *Neisseria meningitidis* isolates. Hospital and other clinical laboratories are encouraged to send *Salmonella* and *Neisseria meningitidis* isolates to the ODH Lab for serotyping and serogrouping. For further information on the submission of isolates, please contact the Bacteriology Laboratory at (614) 644-4656.

OHIO COUNTY OUTLINE MAP

