

Kentucky Reportable Diseases 5-Year Summary (2011-2015)

Disease Condition ^a	2011 Cases	2011 Crude Rate ^b	2012 Cases	2012 Crude Rate ^b	2013 Cases	2013 Crude Rate ^b	2014 Cases	2014 Crude Rate ^b	2015 Cases	2015 Crude Rate ^b	5-Year Total Case Counts	5-Year Average Case Counts	5-Year Average Rate ^b
Acquired Immunodeficiency Syndrome (AIDS) ^c	135	2.6	126	2.9	120	2.7	104	2.4	91	2.1	576	115	2.6
Anthrax	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Arboviral Diseases													
California Serogroup virus diseases													
California Encephalitis Virus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Jamestown Canyon Virus ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Keystone Virus ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
La Crosse Virus ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Snowshoe Hare Virus ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Trivittatus viruses ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Chikungunya virus ^{d,e}	-	-	-	-	-	-	-	-	8	0.2	-	-	-
Eastern Equine Encephalitis Virus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Venezuelan Equine Encephalitis Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
West Nile Virus Disease ^f	0	0.0	11	0.3	11	0.3	0	0.0	3	0.1	25	5	0.1
Western Equine Encephalitis Virus Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Babesiosis ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Botulism, infant	2	<0.1	4	0.1	2	<0.1	0	0.0	1	0.0	9	2	0.0
Botulism, foodborne	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Botulism, wound	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Brucellosis	0	0.0	1	<0.1	1	<0.1	1	<0.1	1	0.0	4	1	<0.1
Campylobacteriosis	401	9.2	385	8.8	460	10.5	408	9.2	788	17.8	2,442	488	11.1
Chancroid	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
<i>Chlamydia trachomatis</i> infection	16,643	381.0	17,273	394.1	17,134	389.5	17,664	400.3	17,444	394.2	86,158	17,232	391.9
Cholera	2	<0.1	0	0.0	0	0.0	0	0.0	0	0.0	2	<1	<0.1
Coccidioidomycosis ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Creutzfeldt-Jakob disease ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Cryptosporidiosis	177	4.1	63	1.4	72	1.6	80	1.8	95	2.1	487	97	2.2
Dengue virus infections ^d	-	-	-	-	-	-	-	-	1	0.0	-	-	-

^aCase counts based on MMWR print criteria for that calendar year

^bRates are expressed as total number of cases per 100,000 population. NOTE: Rates calculated from numerators less than 20 may not be reliably used to determine trends.

^cData reported through June 30, 2016. AIDS cases represent those who progressed to AIDS as of 06/30/2016, by year of initial HIV disease diagnosis.

^dReporting requirement began in February 2015. Dash indicates the lack of mandated reporting for that year.

^eConfirmed and probable cases reported through ArboNET

^fConfirmed and suspect cases reported through ArboNET

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Diphtheria	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Ehrlichiosis/Anaplasmosis	16	0.4	29	0.7	67	1.5	62	1.4	53	1.2	227	45	1.0
Gonorrhea	4,531	103.7	4,283	97.7	4,315	98.1	4,353	98.6	4,678	105.7	22,160	4,432	100.8
Granuloma inguinale	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
<i>Haemophilus influenzae</i> , invasive disease	41	0.9	36	0.8	47	1.1	37	0.8	49	1.1	210	42	1.0
Hansen Disease (Leprosy)	0	0.0	0	0.0	1	<0.1	1	<0.1	0	0.0	2	<1	<0.1
Hantavirus pulmonary syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Hemolytic uremic syndrome (HUS), post-diarrheal ^d	-	-	-	-	-	-	-	-	9	0.2	-	-	-
Hepatitis A	10	0.2	25	0.6	24	0.5	19	0.4	16	0.4	94	19	0.4
Hepatitis B, Acute	151	3.5	180	4.1	214	4.9	161	3.6	159	3.6	865	173	3.9
Hepatitis B, Perinatal ^e	67	-	93	-	84	-	101	-	96	-	441	88	-
Hepatitis C, Acute	142	3.3	178	4.1	226	5.1	175	4.0	121	2.7	842	168	3.8
Hepatitis C, Perinatal ^{d,h}	-	-	-	-	-	-	-	-	894	20.2	-	-	-
Histoplasmosis	52	1.2	46	1.0	40	0.9	29	0.7	50	1.1	217	43	1.0
Human Immunodeficiency Virus Infection (HIV), not AIDS ⁱ	175	4.0	239	5.5	242	5.5	247	5.6	243	5.5	1,146	229	5.2
Legionellosis	53	1.2	43	1.0	50	1.1	95	2.2	87	2.0	328	66	1.5
Listeriosis	4	0.1	11	0.3	11	0.3	3	0.1	3	0.1	32	6	0.1
Lyme Disease	3	0.1	14	0.3	40	0.9	11	0.2	49	1.1	117	23	0.5
Lymphogranuloma venereum	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Malaria	10	0.2	10	0.2	9	0.2	11	0.2	4	0.1	44	9	0.2
Measles	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Meningococcal disease	8	0.2	2	<0.1	1	<0.1	3	0.1	3	0.1	17	3	0.1
Mumps	0	0.0	0	0.0	2	<0.1	2	<0.1	4	0.1	8	2	<0.1
Pertussis	179	4.1	666	15.2	383	8.7	300	68.0	184	4.2	1,712	342	7.8
Plague	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Psittacosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Q Fever	1	<0.1	3	0.1	1	<0.1	0	0.0	0	0.0	5	1	<0.1

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^d Reporting requirement began in February 2015. Dash indicates the lack of mandated reporting for that year.

^e Perinatal Hepatitis B cases were the number of infants born to mothers with a positive Hepatitis B surface antigen test result. Due to the inadequate data on the denominator, rates were not calculated.

^h Perinatal Hepatitis C Cases were the number of infants born to mothers with laboratory evidence of Hepatitis C infection. Due to the inadequate data on the denominator, rates were not calculated.

ⁱ Data reported through June 30, 2016. HIV (not AIDS) cases represent those who had not progressed to AIDS as of 06/30/2016, by year of initial HIV disease diagnosis.

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Rabies, Animal	16	0.4	14	0.3	15	0.3	9	0.2	12	0.3	66	13	0.3
Rabies, human	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Rocky Mountain Spotted Fever	4	0.1	56	<0.1	70	<0.1	53	0.0	134	3.0	317	63	1.4
Rubella	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Salmonellosis	606	13.9	732	16.7	526	12.0	585	13.3	537	12.1	2,986	597	13.6
Severe Acute Respiratory Syndrome-associated Coronavirus (SARS-CoV) ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Shiga toxin-producing <i>Escherichia coli</i> (STEC)	75	1.7	87	2.0	110	2.5	97	2.2	74	1.7	443	89	2.0
Shigellosis	252	5.8	426	9.7	63	1.4	344	7.8	417	9.4	1,502	300	6.8
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0
Streptococcal toxic shock syndrome	5	0.1	8	0.2	10	0.2	4	0.1	5	0.1	32	6	0.1
<i>Streptococcus pneumoniae</i> , invasive disease	226	5.2	209	4.8	255	5.8	189	4.3	219	4.9	1,098	220	5.0
Syphilis	339	7.8	390	8.9	391	8.9	446	10.1	433	9.8	1,999	400	9.1
Tetanus	0	0.0	0	0.0	1	<0.1	0	0.0	0	0.0	1	<1	<0.1
Toxic Shock Syndrome (Other than Streptococcal)	2	<0.1	0	0.0	1	<0.1	1	<0.1	0	0.0	4	1	0.0
Toxoplasmosis	7	0.2	0	0.0	1	0.0	1	<0.1	0	0.0	9	2	0.0
Trichinellosis (Trichinosis) ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Tuberculosis	70	1.6	78	1.8	59	1.3	80	1.8	67	1.5	354	71	1.6
Tularemia	1	<0.1	4	0.1	3	0.1	1	<0.1	1	0.0	10	2	0.0
Typhoid Fever	0	0.0	0	0.0	3	0.1	0	0.0	3	0.1	6	1	0.0
Varicella-associated mortality ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Vibriosis	2	<0.1	2	<0.1	0	0.0	9	0.2	5	0.1	18	4	0.1
Viral Hemorrhagic Fevers													
Crimean-Congo Hemorrhagic Fever virus ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Ebola Virus ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Lassa Virus ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Lujjo Virus ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Marburg Virus ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
New World Arenaviruses ^d	-	-	-	-	-	-	-	-	0	0.0	-	-	-
Yellow Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0

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