

Communicable Disease Incidence	Previous Years											2003-2007														Year to Date Comparison		
	2003		2004		2005		2006		2007		2003-2007		Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	March 5-Year Case Average ³	YTD 2008	YTD 5-Year Case Avg
	Cases	Rate ¹	Cases	Rate ¹	Cases	Rate ¹	Cases	Rate ¹	Cases	Rate ¹	5 Year Case Trend	5 Year Rate ¹ Trend																
Sexually Transmitted Diseases³																												
Chlamydia	3503	1043.1	4130	1245.1	4703	1442.8	4581	1346.9	4321	1270.4	—	■	372	368	355	382	378	388	352	426	328	227	399	351		310.8	750	589.6
Gonorrhea	2543	757.2	2440	735.6	2652	813.6	2828	831.5	2526	742.7	—	■	222	217	231	259	218	216	195	216	177	123	172	154		182.6	326	361.2
Primary & Secondary Syphilis	18	5.4	47	14.2	34	10.4	36	10.6	53	15.6	—	■	2	4	5	5	4	7	7	3	4	4	8	4		3.0	12	7.8
Total Early Syphilis	30	8.9	68	20.5	54	16.6	55	16.2	81	23.8	—	■	4	8	9	8	7	8	8	5	7	6	12	8		4.4	20	10.8
Congenital Syphilis	1	0.3	0	0.0	3	0.9	2	0.6	0	0.0	—	■	0	0	0	0	0	0	0	0	0	0	0	0		0.0	0	0.0
Enteric Diseases																												
Campylobacter	45	13.4	22	6.6	23	7.1	28	8.2	33	9.7	—	■	0	4	5	2	2	4	8	1	2	0	2	0	3	1.0	5	3.6
Cryptosporidium	2	0.6	2	0.6	4	1.2	4	1.2	8	2.4	—	■	1	0	0	0	2	1	1	1	0	0	0	0	0	0.4	0	0.8
Escherichia coli O157:H7	5	1.5	4	1.2	2	0.6	4	1.2	4	1.2	—	■	0	1	0	0	0	1	0	1	0	0	0	0	0	0.2	0	0.6
Giardia	54	16.1	128	38.6	73	22.4	71	20.9	98	28.8	—	■	9	5	0	7	6	38	13	11	2	1	3	1	3	10.0	7	16.8
Salmonella	70	20.8	53	16.0	39	12.0	45	13.2	37	10.9	—	■	2	3	3	1	1	3	4	11	2	3	5	4	0	1.8	9	7.8
Shigella	55	16.4	7	2.1	2	0.6	40	11.8	307	90.3	—	■	49	47	33	18	34	21	19	22	7	11	3	0	0	10.8	3	15.8
Yersinia	4	1.2	12	3.6	4	1.2	1	0.3	0	0.0	—	■	0	0	0	0	0	0	0	0	0	0	1	0	0	0.0	1	2.0
Hepatitis																												
Hepatitis A ⁴	2	0.6	1	0.3	5	1.5	5	1.5	0	0.0	—	■	0	0	0	0	1	0	0	0	0	0	0	0	0	0.2	0	0.8
Hepatitis B ⁴ (acute, chronic, prenatal)	27	8.0	18	5.4	17	5.2	8	2.4	34	10.0	—	■	1	1	1	4	1	5	2	3	4	4	3	2	3	2.0	8	6.2
Hepatitis C (Acute and Chronic)	488	145.3	540	162.8	512	157.1	305	89.7	233	68.5	—	■	15	8	28	13	12	17	15	26	19	20	49	21	19	35.8	89	105.2
Vaccine Preventable Diseases																												
Haemophilus influenzae type b (HiB)	4	1.2	3	0.9	2	0.6	2	0.6	3	0.9	—	■	0	1	1	0	0	1	0	0	0	0	0	0	0	0.2	0	0.6
Influenza	544	162.0	372	112.1	374	114.7	566	166.4	135	39.7	—	■	42	5	1	0	0	0	0	0	0	4	103	426	66	83.2	595	286.2
Pertussis	16	4.8	4	1.2	28	8.6	12	3.5	8	2.4	—	■	0	1	0	0	3	0	0	1	0	3	4	0	0	0.4	4	3.4
Streptococcus pneumoniae, drug resistant	1	0.3	1	0.3	2	0.6	2	0.6	7	2.1	—	■	0	0	0	1	0	0	0	3	0	1	2	1	0	0.2	3	0.4
Streptococcus pneumoniae < 5 yrs of age	1	0.3	1	0.3	0	0.0	1	0.3	2	0.6	—	■	0	2	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0.6
Tuberculosis																												
Active Tuberculosis	26	7.7	25	7.5	10	3.1	18	5.3	31	9.1	—	■	4	4	4	6	4	2	1	1	2	1	0	1	26	1.4	27	5.2
Tuberculosis Infection	820	244.2	811	244.5	757	232.2	797	234.3	516	151.7	—	■	49	49	26	30	14	22	66	69	7	15	31	29	33	70.2	93	189.6
Vaccine Preventable Diseases																												
Meningococcal disease	1	0.3	2	0.6	1	0.3	1	0.3	1	0.3	—	■	1	0	0	0	0	0	0	0	0	0	0	1	0	0.4	1	0.4
Diseases of Low Incidence																												
Legionellosis	8	2.4	5	1.5	1	0.3	3	0.9	4	1.2	—	■	0	0	0	2	0	0	0	1	0	0	0	2	1	0.0	3	0.4
Streptococcus Group A Invasive	3	0.9	3	0.9	4	1.2	11	3.2	20	5.9	—	■	0	0	6	1	0	1	2	0	2	1	2	6	1	1.2	9	2.0
Vectorborne																												
Lyme Disease	0	0.0	1	0.3	0	0.0	0	0.0	2	0.6	—	■	0	0	0	0	1	0	0	0	1	0	0	0	0	0.0	0	0.0
Rocky Mountain Spotted Fever	0	0.0	1	0.3	0	0.0	0	0.0	2	0.6	—	■	0	0	0	1	2	0	0	0	0	0	0	0	0	0.0	0	0.0
West Nile (Encephalitis and Fever)	15	4.5	9	2.7	6	1.8	12	3.5	11	3.2	—	■	0	0	0	0	0	2	9	0	0	0	0	0	0	0.0	0	0.2

¹All rates are per 100,000 population.

²Significant change based on 2 standard deviation increase or decrease over 5 year mean for same time period.

³Current monthly STD data are provisional, STD numbers will be one month behind other CD figures reported here

⁴Hepatitis A and Hepatitis B are both Vaccine Preventable Diseases; Hepatitis A is also an Enteric Disease.

	2003		2004		2005		2006		2007	
	Cases	Rate ¹	Cases	Rate ¹	Cases	Rate ¹	Cases	Rate ¹	Cases	Rate ¹
AIDS	29	8.6	26	7.8	17	5.2	33	9.7	22	6.5
HIV	158	47.0	96	28.9	134	41.1	98	29.1	90	26.5

Outbreaks	Mar '07	Apr '07	May '07	June '07	July '07	Aug '07	Sep '07	Oct '07	Nov '07	Dec '07	Jan '08	Feb '08	Mar '08
Investigations	1	1	1	1	1	1	1	1	1	0	0	0	0
Number Ill	143	153 (YTD)	171 (YTD)	201	229	250	272	301	314				
Number At Risk	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown				
Disease(s)	Shigellosis	Shigellosis	Shigellosis	Shigellosis	Shigellosis	Shigellosis	Shigellosis	Shigellosis	Shigellosis				
Setting(s)	St. Louis City & County	St. Louis City & County	St. Louis City & County	St. Louis City & County	St. Louis City & County	St. Louis City & County	St. Louis City & County	St. Louis City & County	St. Louis City & County				
Investigation Start Date	1/30/2007	1/30/2007	1/30/2007	1/30/2007	1/30/2007	1/30/2007	1/30/2007	1/30/2007	1/30/2007				
Investigation End Date	ongoing	ongoing	ongoing	ongoing	ongoing	ongoing	ongoing	ongoing	ongoing				

Chronic Disease Mortality	City of St. Louis Yearly Mortality Cases and Rates										02-06 5 Year Case Trend	Comparative Information 2002-2006 Average # of Cases and Average Rate ¹						Comparative Average Rates ¹
	2002		2003		2004		2005		2006			STL City		STL County		Missouri		
	Case s	Rate ¹	Case s	Rate ¹	Case s	Rate ¹	Case s	Rate ¹	Case s	Rate ¹		Case s	Rate ¹	Case s	Rate ¹	Case s	Rate ¹	
Heart Disease	1191	313.0	1218	324.0	1048	283.9	1007	269.2	990	264.7	—	1091	291.0	2876	241.2	15556	244.0	■
Cancer	836	237.7	812	230.5	823	239.6	747	215.6	805	229.2	—	805	230.5	2202	190.5	12371	199.3	■
Cerebrovascular Disease	284	73.9	209	55.4	197	54.5	206	55.2	213	57.5	—	222	59.3	618	51.7	3496	54.6	■
Chronic Lower Respiratory Disease	157	42.4	141	39.5	128	36.6	125	34.4	133	38.0	—	137	38.2	390	33.3	2922	46.8	■
Diabetes	129	36.7	135	39.0	129	36.8	127	36.1	130	38.0	—	130	37.3	257	22.0	1555	24.9	■

¹Rates are calculated per 100,000 based on 2000 U.S. Census Population