

## Maine STD Incidence, January 1<sup>st</sup> to December 31<sup>st</sup>, 2008

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During 2008, Maine CDC received reports of 2,594 chlamydia diagnoses, 96 gonorrhea diagnoses, and 20 cases of “early” (primary, secondary and early latent) syphilis. In 2008, the Maine chlamydia counts rose by 1.8% of 2007 annual counts reported, a lower percentage raise compared to previous year-to-year percentage raises. Unlike chlamydia, gonorrhea cases reported in 2008 declined by 19% of cases reported in 2007. The number of Maine syphilis cases reported in 2008 rose by 43% of 2007 annual counts (20 new syphilis cases were reported in 2008 compared to 14 in 2007). Ninety-five percent (95%) of Maine syphilis cases reported in 2008 were among White Non-Hispanic male individuals older than 30 years of age and all reported cases were exposed through sexual contact with other males. The highest proportions of HIV-STD co-infection observed were among syphilis cases (20% of syphilis cases were infected with HIV).

Southern Maine counties had the highest burden (in numbers) of STD's reported to the STD program in Maine. As has been observed in previous years, chlamydia infections were most often diagnosed among young people between the ages of 15 and 24, with this age group accounting for 72% of cases. The table below shows specific demographic information about annual 2008 chlamydia and gonorrhea diagnoses reported in Maine.

Sex	Chlamydia cases, 1/1/08 through 12/31/08 (Rate 198 per 100,000) n(%)	Gonorrhea cases 1/1/08 through 12/31/08 (Rate 7.3 per 100,000) n(%)
Male	756(29)	53(55)
Female	1,838(71)	43(45)
Total	2,594(100)	96(100)
Race		
White	2,005(77)	73(76)
Black or African American	121(5)	17(18)
Asian	18(<1)	1(1)
American Indian/ Alaska native	9(<1)	0
Native Hawaiian/other Pacific Islander	2(<1)	0
More than one race	2(<1)	0
Some other race	16(<1)	0
Unknown	421(16)	5(5)
Total	2,594 (100)	96(100)
Ethnicity		
Hispanic	12(<1)	2(2)
Not Hispanic	2,153(83)	89 (92)
Unknown	429(16)	5(5)
Total	2,594(100)	96(100)
Age at diagnosis (years)		
<15	13(<1)	1(<1)
15-19	777(30)	19(20)
20-24	1,101(42)	28(29)
25-29	441(17)	14(14)
30-39	208(8)	20(21)
40-54	39(1)	11(11)
>55	11(<1)	3(3)
Age Unknown	4(<)	0(0)
Total	2,594(100)	96(100)
District of Residence		
York ( District 1-York county)	277(11)	12(13)
Cumberland (District 2-Cumberland county)	646(25)	40(41)
Western Maine (District 3- Oxford, Franklin, and Androscoggin counties)	463(18)	18(19)
Mid Coast (District 4- Lincoln, Knox, Waldo, and Sagadahoc counties)	252(10)	3(3)
Central Maine (District 5- Somerset and Kennebec counties)	423(16)	6(6)
Penquis (District 6- Piscataquis and Penobscot counties)	343(13)	4(4)
Downeast (District 7- Hancock and Washington counties)	126(4)	7(7)
Aroostook (District 8- Aroostook county)	64(2)	6(6)
Unknown	0	0
Total	2,594(100)	96(100)