New Hampshire STD/HIV Surveillance Program
5 Year Data Summary Report
2006-2010

NH DIVISION OF Public Health Services
Improving health, preventing disease, reducing costs for all

Data Notes:
All Data in this report are based upon information provided to the New Hampshire Department of Health and Human Services under specific legislative authority. The numbers may represent an underestimate of the true absolute number and incidence rate of cases in the state. Any release of personal identifying information is conditioned upon such information remaining confidential. The unauthorized disclosure of any confidential medical or scientific data is a misdemeanor under New Hampshire law. The department is not responsible for any duplication or misrepresentation of surveillance data released in accordance with this guideline. Population data used in this report come from the most recently available U.S. Census Bureau population estimates. All data in this report are complete as of September 12, 2011.

* = Case rate per 100,000 persons. Case rates calculated on events <20 are considered statistically unreliable and should be interpreted with caution.

The Infectious Disease Surveillance Section restricts the release of calculated rate data to cell sizes ≥5 cases.

† =County data is based upon residence at time of disease diagnosis. ¶ = Hispanic may be of any race.

X= MSM= male-to-male sexual contact, IDU = injection drug use, NRR=no reported risk, and NIR= no identified risk.

Heterosexual contact: The Centers for Disease Control and Prevention (CDC) changed the term in the mode of transmission category from "high-risk heterosexual contact" to "heterosexual contact". This is clarified in the report "Diagnoses of HIV infection and AIDS in the United States and Dependent Areas, 2008", released in July 2010. Persons whose transmission category is classified as heterosexual contact are persons who report specific heterosexual contact with a person known to have, or to be at high risk for, HIV infection (e.g., an injection drug user).

** = Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis.

*** = Indicates a new diagnosis of AIDS in the specified year, regardless of when diagnosed with HIV.

Other = hemophilia/coagulation disorder; receipt of blood transfusion, components, or tissue.

Pediatric=mother with or at risk for HIV.

Data sources: Sexually Transmitted Disease Management Information System (STDMIS), enhanced HIV AIDS Reporting System (eHARS), and Environmental Systems Research Institute (ESRI) ArcMap.

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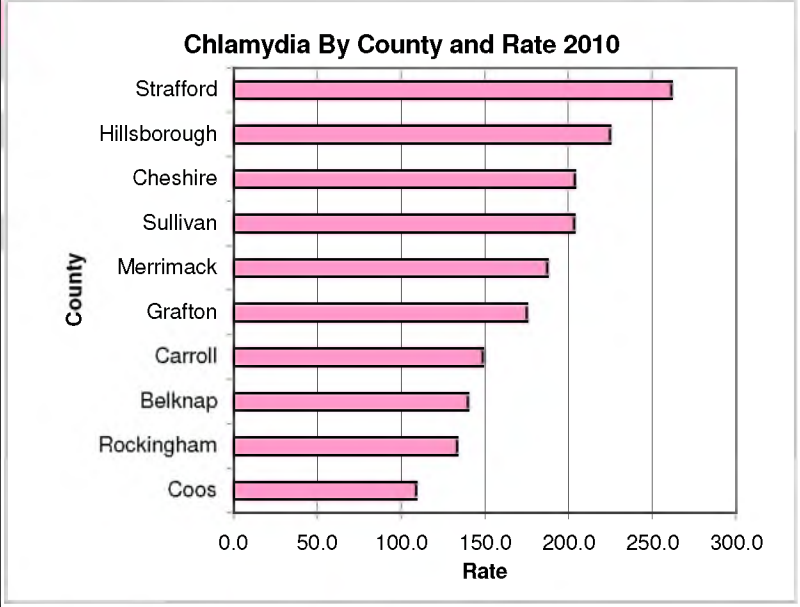
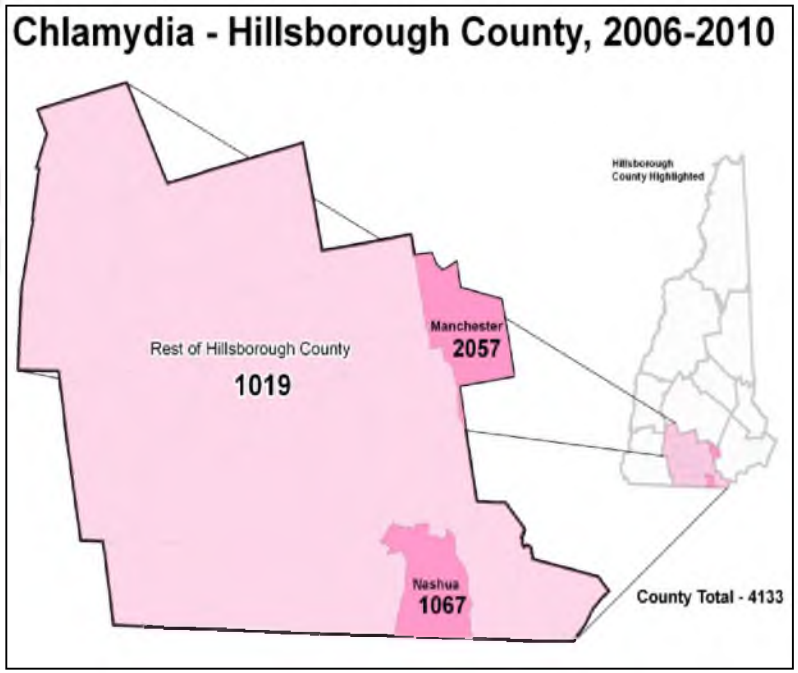
New Hampshire Infectious Disease Surveillance Section
STD/HIV Summary Report
2006-2010
Chlamydia

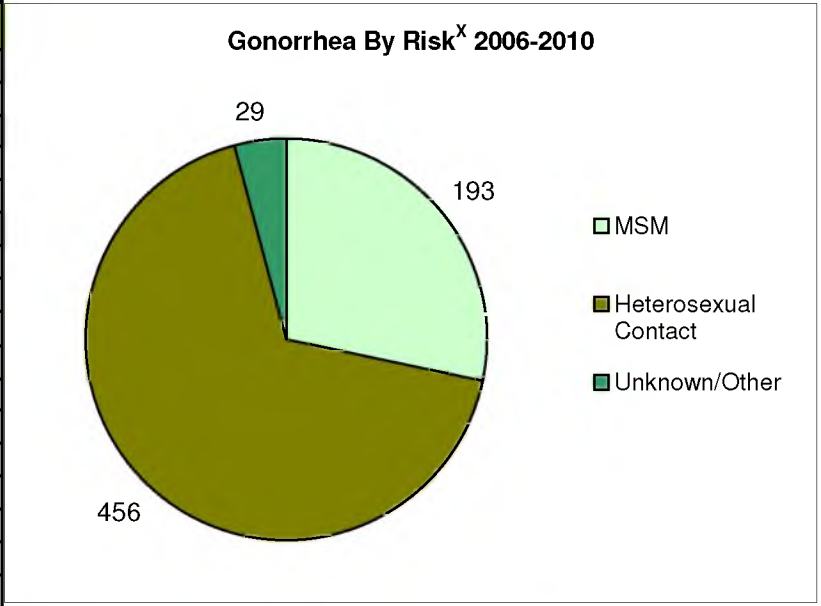
YEAR	2010		2009		2008		2007		2006	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
TOTAL	2484	188.7	2100	158.5	2096	158.6	2055	156.0	2013	153.4
GENDER	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Male	657	101.2	559	85.6	558	85.6	525	80.9	515	79.6
Female	1827	273.9	1541	229.4	1538	229.5	1530	229.0	1498	225.2
AGE-SPECIFIC	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
0-12	0	0.0	2	*	2	*	0	0.0	1	*
13-19	774	695.6	575	444.1	667	506.2	661	496.5	633	473.1
20-24	1062	1256.1	939	1048.5	845	956.6	851	973.0	840	968.9
25-29	393	537.5	357	460.7	356	465.1	344	461.2	337	465.7
30-34	138	193.4	25	25.3	32	31.3	15	14.1	26	23.8
35-39	61	74.3	135	187.1	115	159.0	117	159.7	112	147.3
40-44	25	25.8	48	56.2	56	62.8	50	54.4	44	46.9
45-49	12	10.6	11	9.6	10	8.7	10	8.7	11	9.6
50-54	10	8.9	3	*	7	6.6	6	5.8	8	8.0
55-59	6	6.2	4	*	5	5.5	1	*	0	0.0
60+	3	*	1	*	1	*	0	0.0	1	*
RACE	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*.
White	1596	127.1	1656	131.2	1701	134.9	1577	125.3	1655	131.9
Black	73	335.8	65	358.8	69	395.9	85	509.0	98	615.0
Asian/Pacific Isl.	35	98.1	27	102.0	25	96.4	21	83.5	23	94.4
AmInd/AlaskNat	12	114.0	12	311.9	5	131.5	11	293.2	4	*
Other/Unknown	768	4987.3	340	2359.6	296	2103.9	361	2657.3	233	1765.0
ETHNICITY	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Hispanic¶	84	228.9	107	290.2	109	307.1	119	350.7	154	478.2
COUNTY/CITY†	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Belknap	84	139.8	77	125.5	89	145.2	87	142.6	73	119.9
Carroll	71	148.5	49	102.4	62	128.9	50	104.4	56	118.0
Cheshire	157	203.6	129	167.4	149	193.1	110	142.0	71	91.8
Coos	36	108.9	37	117.5	45	141.0	32	99.0	41	125.9
Grafton	156	175.0	126	146.0	108	125.2	125	146.1	125	146.5
Hillsborough	901	224.8	771	189.9	766	189.6	857	212.8	838	208.9
Manchester	423	386.1	374	340.2	375	343.6	438	401.8	447	409.5
Nashua	244	282.1	208	237.1	192	220.1	217	249.2	206	236.8
Merrimack	274	187.1	199	133.5	215	144.3	200	134.6	207	140.0
Rockingham	394	133.5	358	119.6	339	113.6	283	95.3	335	113.2
Strafford	322	261.5	256	207.1	244	198.5	254	208.0	218	180.6
Sullivan	89	203.5	98	229.6	79	184.5	57	133.3	49	114.9

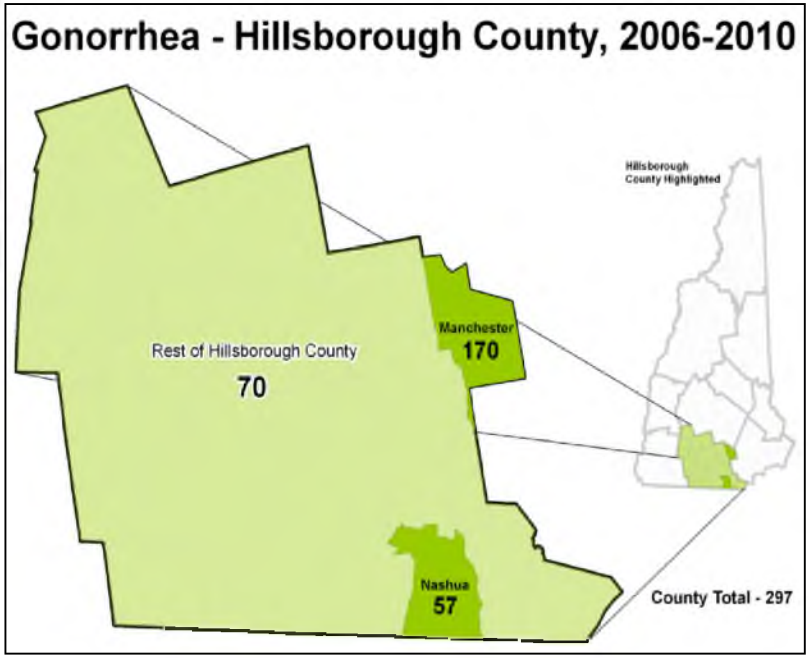




New Hampshire Infectious Disease Surveillance Section
STD/HIV Summary Report
2006-2010
Gonorrhea

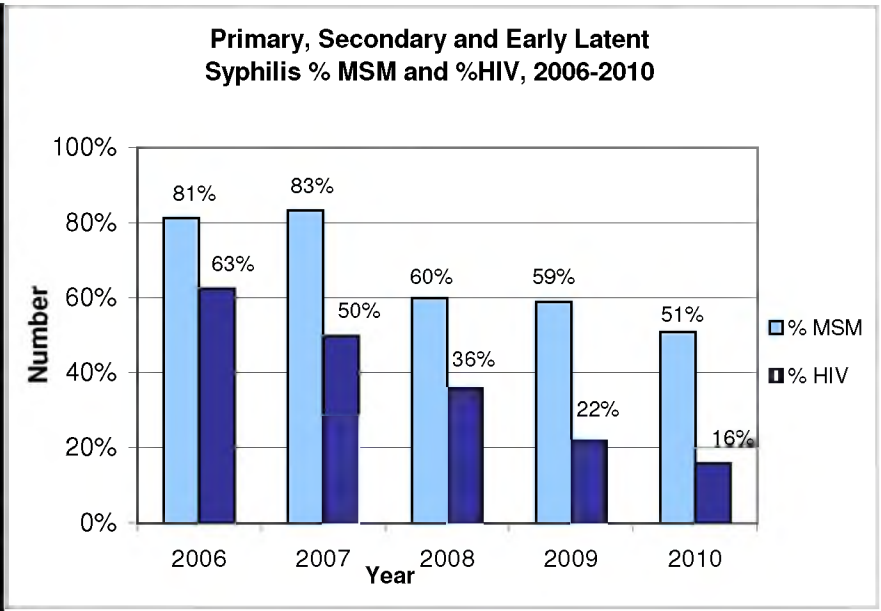
YEAR	2010		2009		2008		2007		2006	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
TOTAL	146	11.1	117	8.8	100	7.6	138	10.5	177	13.5
GENDER	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Male	88	13.6	62	9.5	52	8.0	75	11.6	82	12.7
Female	58	8.7	55	8.2	48	7.2	63	9.4	95	14.3
AGE-SPECIFIC	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
0-12	1	*	0	0.0	1	*	0	0.0	0	0.0
13-19	24	21.6	23	17.8	20	15.2	27	20.3	34	25.4
20-24	44	52.0	29	32.4	33	37.4	44	50.3	50	57.7
25-29	31	42.4	21	27.1	15	19.6	17	22.8	31	42.8
30-34	12	16.8	10	10.1	5	4.9	7	6.6	19	17.4
35-39	5	6.1	7	9.7	17	23.5	18	24.6	21	27.6
40-44	9	9.3	11	12.9	5	5.6	14	15.2	7	7.5
45-49	11	9.7	7	6.1	1	*	7	6.1	7	6.1
50-54	3	*	4	*	2	*	1	*	5	5.0
55-59	2	*	5	5.4	1	*	3	*	3	*
60+	4	*	0	0.0	0	0.0	0	0.0	0	0.0
RACE	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*.
White	99	7.9	91	7.2	71	5.6	112	8.9	131	10.4
Black	14	64.4	6	33.1	10	57.4	11	65.9	17	106.7
Asian/Pacific Isl.	1	*	1	*	1	*	0	0.0	4	*
AmInd/AlaskNat	1	*	0	0.0	0	0.0	0	0.0	1	*
Other/Unknown	31	201.3	19	131.9	18	127.9	15	110.4	24	181.8
ETHNICITY	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Hispanic¶	4	*	8	21.7	8	22.5	8	23.6	6	18.6
COUNTY/CITY†	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Belknap	3	*	2	*	1	*	6	9.8	5	8.2
Carroll	0	0.0	5	10.4	5	10.4	5	10.4	4	*
Cheshire	13	16.9	4	*	2	*	5	6.5	5	6.5
Coos	1	*	5	15.9	2	*	2	*	2	*
Grafton	10	11.2	5	5.8	5	5.8	8	9.3	8	9.4
Hillsborough	61	15.2	49	12.1	46	11.4	60	14.9	81	20.2
Manchester	28	25.6	28	25.5	24	22.0	35	32.1	55	50.4
Nashua	17	19.7	6	6.8	12	13.8	13	14.9	9	10.3
Merrimack	13	8.9	14	9.4	9	6.0	12	8.1	16	10.8
Rockingham	30	10.2	20	6.7	22	7.4	29	9.8	39	13.2
Strafford	7	5.7	9	7.3	8	6.5	9	7.4	9	7.5
Sullivan	8	18.3	4	*	0	0.0	2	*	8	18.8

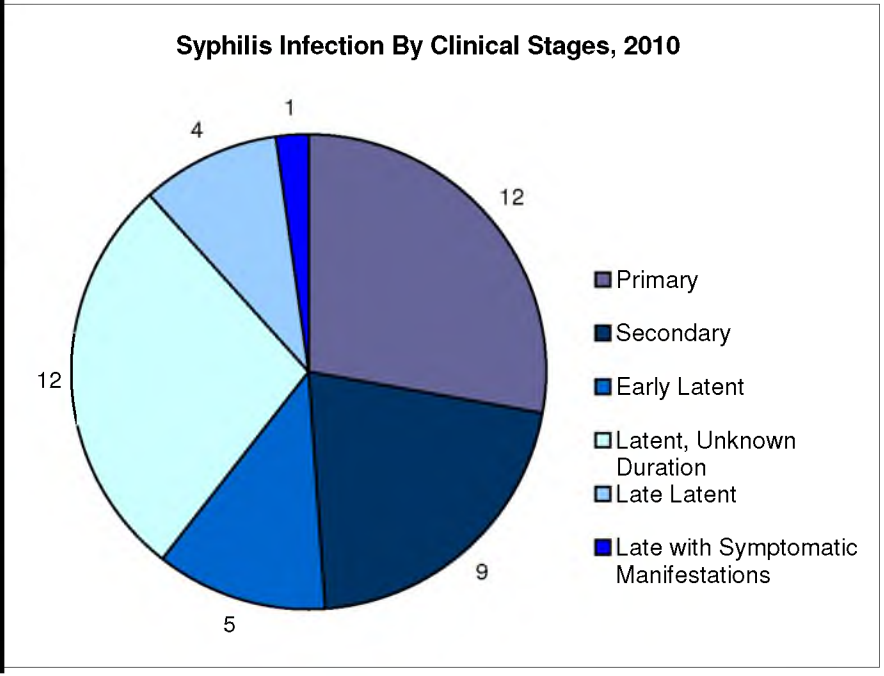




New Hampshire Infectious Disease Surveillance Section
STD/HIV Summary Report
2006-2010
Primary, Secondary, and Early Latent Syphilis

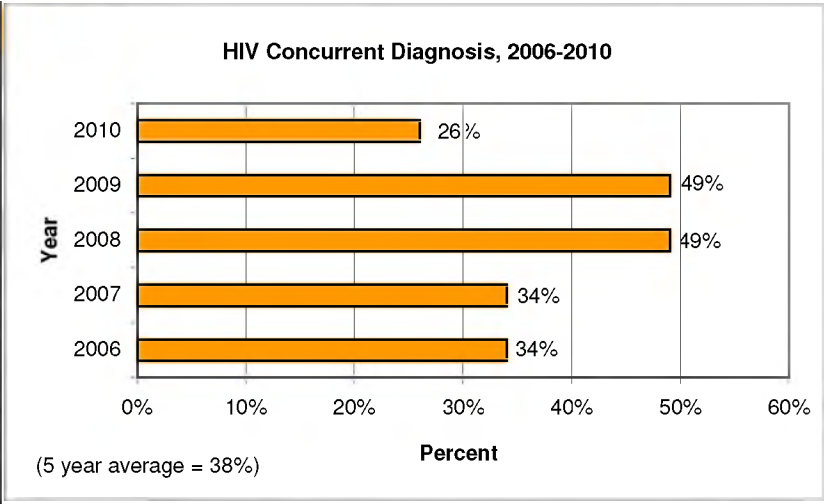
YEAR	2010		2009		2008		2007		2006	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
TOTAL	43	3.3	37	2.8	25	1.9	42	3.2	16	1.2
GENDER	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Male	33	5.1	29	4.4	25	3.8	40	6.2	14	2.2
Female	10	1.5	8	1.2	0	0.0	2	*	2	*
AGE-SPECIFIC	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
0-12	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
13-19	0	0.0	2	*	1	*	1	*	0	0.0
20-24	9	10.6	4	*	0	0.0	1	*	2	*
25-29	6	8.2	3	*	1	*	0	0.0	2	*
30-34	5	7.0	4	*	6	5.9	12	11.3	2	*
35-39	1	*	3	*	2	*	4	*	3	*
40-44	2	*	5	5.9	4	*	6	6.5	3	*
45-49	6	5.3	5	4.4	4	*	9	7.8	2	*
50-54	6	5.3	4	*	7	6.6	5	4.8	2	*
55-59	1	*	3	*	0	0.0	1	*	0	0.0
60+	7	2.7	4	*	0	0.0	3	*	0	0.0
RACE	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*.
White	35	2.8	28	2.2	25	2.0	41	3.3	13	1.0
Black	1	*	0	0.0	0	0.0	1	*	3	*
Asian/Pacific Isl.	2	*	2	*	0	0.0	0	0.0	0	0.0
AmInd/AlaskNat	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other/Unknown	5	32.5	7	48.6	0	0.0	0	0.0	0	0.0
ETHNICITY	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Hispanic¶	2	*	0	0.0	0	0.0	0	0.0	0	0.0
COUNTY/CITY†	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Belknap	2	*	2	*	0	0.0	0	0.0	1	*
Carroll	1	*	1	*	1	*	0	0.0	0	0.0
Cheshire	4	*	2	*	0	0.0	3	*	0	0.0
Coos	1	*	0	0.0	0	0.0	0	0.0	0	0.0
Grafton	2	*	1	*	2	*	2	*	0	0.0
Hillsborough	18	4.5	14	3.4	11	2.7	12	3.0	7	1.7
Manchester	9	8.2	4	*	5	4.6	9	8.3	1	*
Nashua	3	*	3	*	1	*	6	6.9	1	*
Merrimack	4	*	4	*	4	*	5	3.4	1	*
Rockingham	7	2.4	8	2.7	9	3.0	8	2.7	5	1.7
Strafford	4	*	5	4.0	2	*	0	0.0	0	0.0
Sullivan	0	0.0	0	0.0	1	*	0	0.0	0	0.0



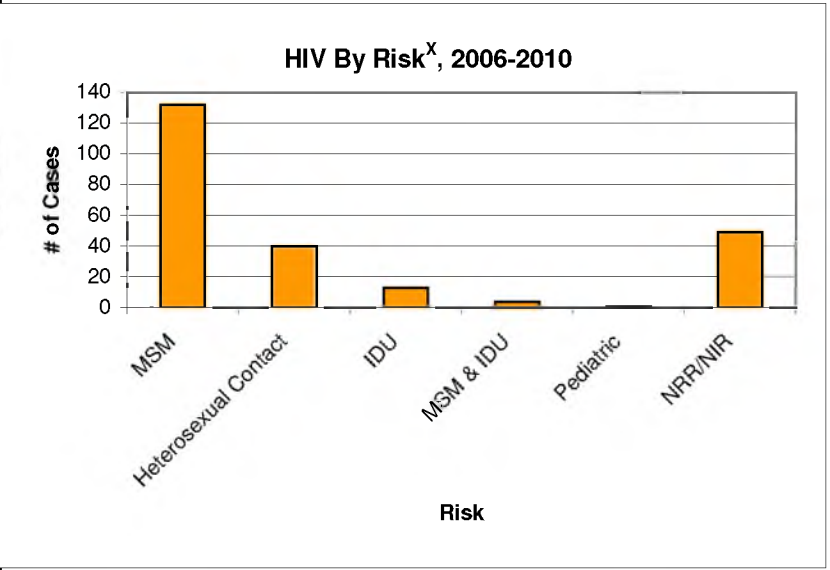


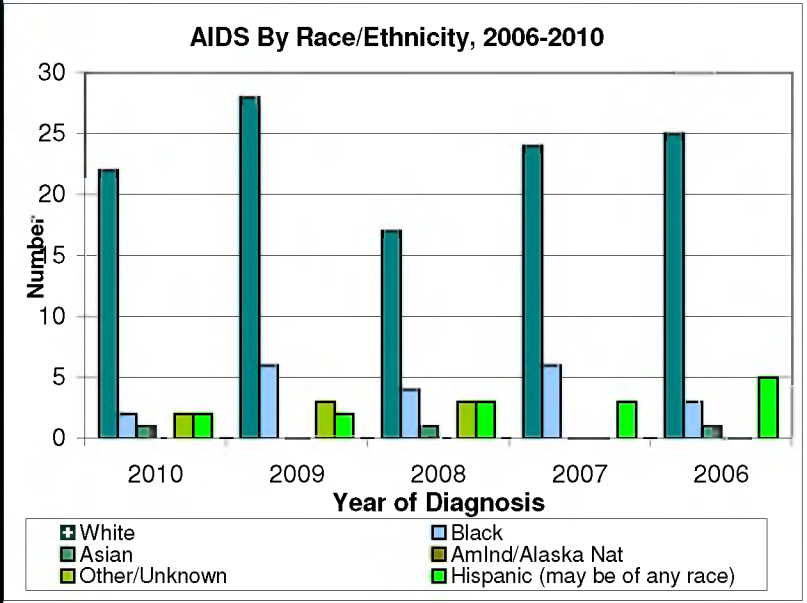
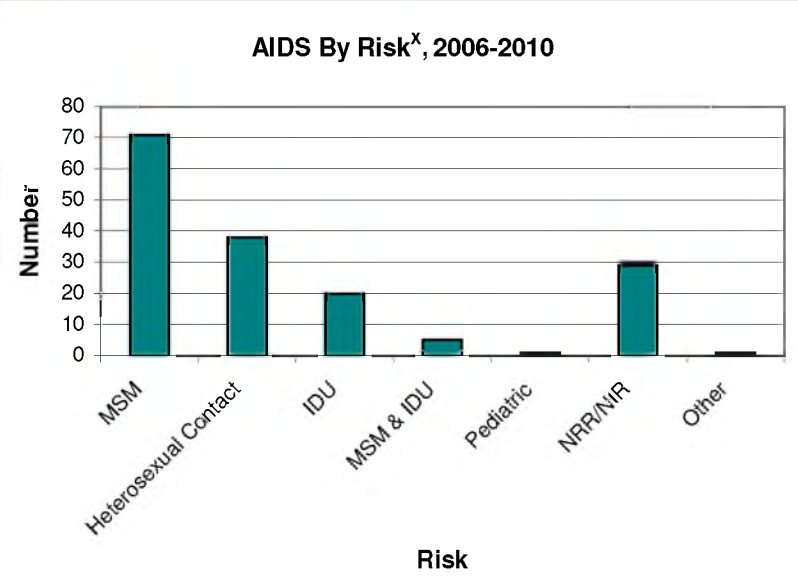
New Hampshire Infectious Disease Surveillance Section
STD/HIV Summary Report
2006-2010
Human Immunodeficiency Virus (HIV)

YEAR	2010		2009		2008		2007		2006	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
TOTAL	53	4.0	45	3.4	47	3.6	45	3.4	50	3.8
GENDER	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Male	48	7.4	34	5.2	35	5.4	37	5.7	38	5.9
Female	5	0.7	11	1.6	12	1.8	8	1.2	12	1.8
AGE-SPECIFIC	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
0-12	1	*	1	*	0	0.0	0	0.0	1	*
13-19	1	*	0	0.0	1	*	1	*	1	*
20-24	6	7.1	4	*	6	6.8	4	*	8	9.2
25-29	4	*	8	10.3	4	*	3	*	5	6.9
30-34	8	11.2	6	6.1	6	5.9	9	8.5	6	5.5
35-39	6	7.3	5	6.9	5	6.9	5	6.8	6	7.9
40-44	8	8.2	6	7.0	4	*	9	9.8	6	6.4
45-49	8	7.0	6	5.3	12	10.5	6	5.2	9	7.8
50-54	5	4.4	4	*	4	*	7	6.8	5	5.0
55-59	3	*	4	*	2	*	0	0.0	1	*
60+	3	*	1	*	3	*	2	*	2	*
RACE	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*.
White	46	3.7	34	2.7	31	2.5	32	2.5	38	3.0
Black	4	*	8	44.2	11	63.1	7	41.9	9	56.5
Asian/Pacific Isl.	3	*	0	0.0	1	*	1	*	0	0.0
AmInd/AlaskNat	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other/Unknown	0	0.0	3	*	4	*	5	36.8	3	*
ETHNICITY	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Hispanic¶	6	16.3	3	*	4	*	5	14.7	3	*
COUNTY/CITY†	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Belknap	0	0.0	0	0.0	2	*	0	0.0	3	*
Carroll	1	*	0	0.0	0	0.0	0	0.0	1	*
Cheshire	0	*	2	*	1	*	2	*	0	0.0
Coos	0	0.0	0	0.0	1	*	3	*	0	0.0
Grafton	4	*	4	*	4	*	1	*	1	*
Hillsborough	18	4.5	19	4.7	24	5.9	17	4.2	21	5.2
Merrimack	7	6.4	9	8.2	7	6.4	4	*	12	11.0
Rockingham	12	13.9	7	8.0	6	6.9	10	11.5	5	5.7
Strafford	10	6.8	4	*	2	*	7	4.7	4	*
Sullivan	1	*	0	0.0	0	0.0	1	*	1	*



Concurrent diagnosis is defined as receiving an AIDS diagnosis within 12 months of an initial HIV diagnosis.
2010 concurrent diagnosis data is provisional and not yet validated.
2010 concurrent diagnosis data may increase when data are finalized.



New Hampshire Infectious Disease Surveillance Section
STD/HIV Summary Report
2006-2010
Acquired Immune Deficiency Syndrome (AIDS)

YEAR	2010		2009		2008		2007		2006	
	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
TOTAL	27	2.1	37	2.8	22	1.7	33	2.5	34	2.6
GENDER	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Male	23	3.5	29	4.4	17	2.6	23	3.5	25	3.9
Female	4	*	8	1.2	8	1.2	10	1.5	9	1.4
AGE-SPECIFIC	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
0-12	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
13-19	0	0.0	1	*	0	0.0	1	*	0	0.0
20-24	2	*	1	*	1	*	3	*	2	*
25-29	0	0.0	4	*	1	*	2	*	1	*
30-34	2	*	8	8.1	4	*	8	7.5	6	5.5
35-39	3	*	3	*	4	*	4	*	4	*
40-44	4	*	7	8.2	1	*	5	5.4	3	*
45-49	9	7.9	6	5.3	6	5.2	6	5.2	9	7.8
50-54	3	*	3	*	4	*	2	*	7	7.0
55-59	2	*	3	*	1	*	1	*	0	0.0
60+	2	*	1	*	3	*	1	*	2	*
RACE	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*.
White	22	1.8	28	2.2	17	1.3	24	1.9	25	2.0
Black	2	*	6	33.1	4	*	6	35.9	3	*
Asian/Pacific Isl.	1	*	0	0.0	1	*	0	0.0	1	*
AmInd/AlaskNat	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other/Unknown	2	*	3	*	3	*	0	0.0	0	0.0
ETHNICITY	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Hispanic¶	2	*	2	*	3	*	3	*	5	15.5
COUNTY/CITY†	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*	Cases	Rate*
Belknap	0	0.0	0	0.0	0	0.0	0	0.0	3	*
Carroll	1	*	0	0.0	0	0.0	0	0.0	0	0.0
Cheshire	1	*	2	*	3	*	2	*	0	0.0
Coos	0	0.0	0	0.0	0	0.0	1	*	0	0.0
Grafton	3	*	3	*	3	*	3	*	2	*
Hillsborough	11	2.7	18	4.4	10	2.5	14	3.5	13	3.2
Merrimack	1	*	2	*	3	*	6	5.5	8	7.3
Rockingham	4	*	2	*	1	*	4	*	3	*
Strafford	5	3.4	4	*	4	*	2	*	5	3.4
Sullivan	1	*	0	0.0	1	*	1	*	0	0.0