

# State of Maine HIV/STD Annual Surveillance Report 2010



*Paul R. LePage, Governor*

*Mary C. Mayhew, Commissioner*

# State of Maine HIV/STD Annual Surveillance Report

## 5 Year Data Summary

### 2006-2010

#### Data Notes:

HIV, AIDS, chlamydia, gonorrhea, and syphilis cases are reported to the Maine Center for Disease Control and Prevention (Maine CDC) through various confidential channels, including the use of secure and confidential fax and phone lines. Newly diagnosed cases are typically reported to Maine CDC by healthcare providers, healthcare facilities, and laboratories within 48 hours of diagnosis as required by state law.

Because this report is based on data received from the reporting facilities mentioned above, delays in reporting may result in changes to the final statistics provided in this or other reports. The completeness and accuracy of data elements obtained from patients and provided by healthcare providers determines the quality of data used in compiling this report. Data included in this report may succumb to all or some of these limitations.

\*= District represents district of residence at time of disease diagnosis.

The eight public health districts are as follow:

York= York County

Cumberland= Cumberland County

Western= Androscoggin, Franklin, and Oxford Counties

Mid Coast= Knox, Lincoln, Sagadahoc, and Waldo Counties

Central= Kennebec and Somerset Counties

Penquis= Penobscot and Piscataquis Counties

Downeast= Hancock and Washington Counties

Aroostook= Aroostook County

\*\*= Risk for HIV infection is self identified and is defined as follows:

MSM= Men who have sex with other men

IDU= Injection drug users

MSM/IDU= Men who engage in both behaviors above

HET= Heterosexuals who have a partner who is known to have, or be at high risk for HIV infection

Pediatric= Children whose infection was acquired from their mother during pregnancy, birth, or breastfeeding

NRR/NIR= No reported risk or no identified risk

#### Acknowledgements:

The completion of this report was achieved as a result of the support from various healthcare facilities, laboratories, and private physicians/providers that play an integral role in HIV and STD surveillance by providing timely disease reports to Maine CDC.

The 2010 HIV/STD Annual Surveillance format differs from previous versions of this report

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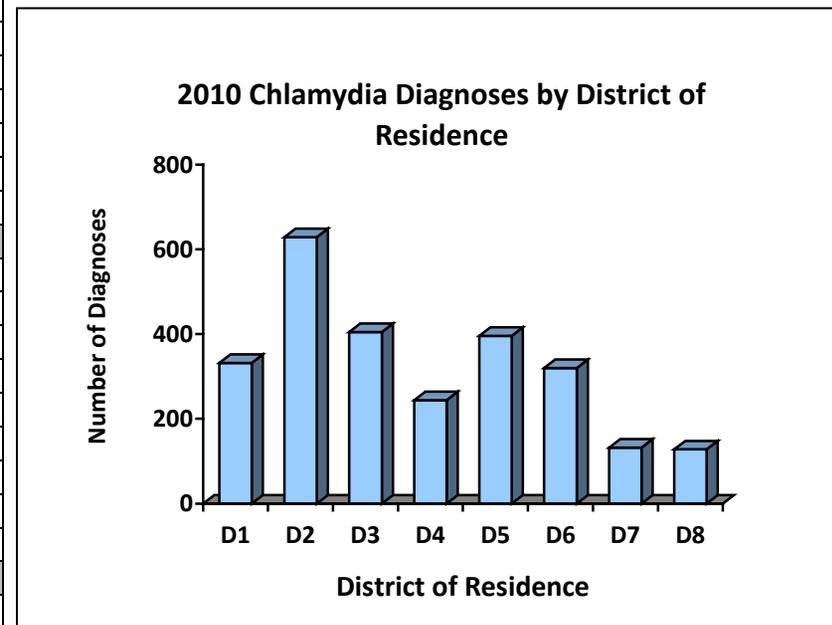
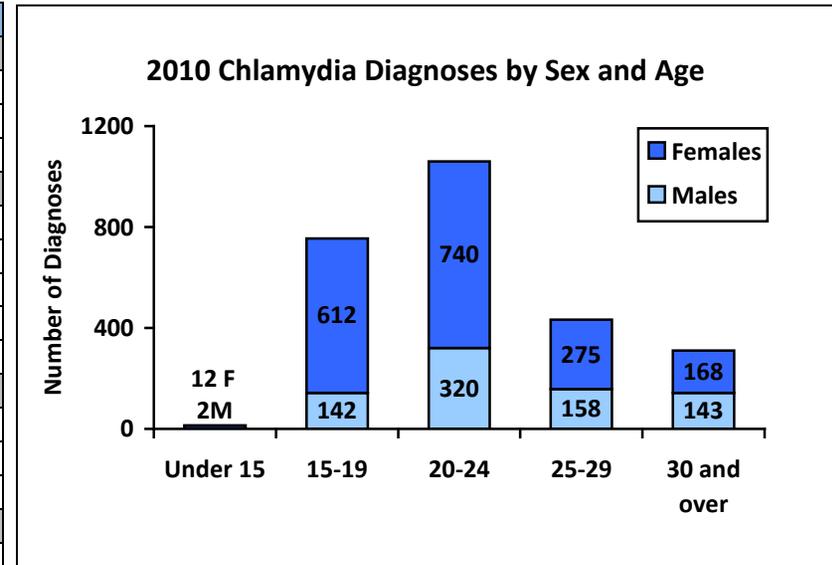
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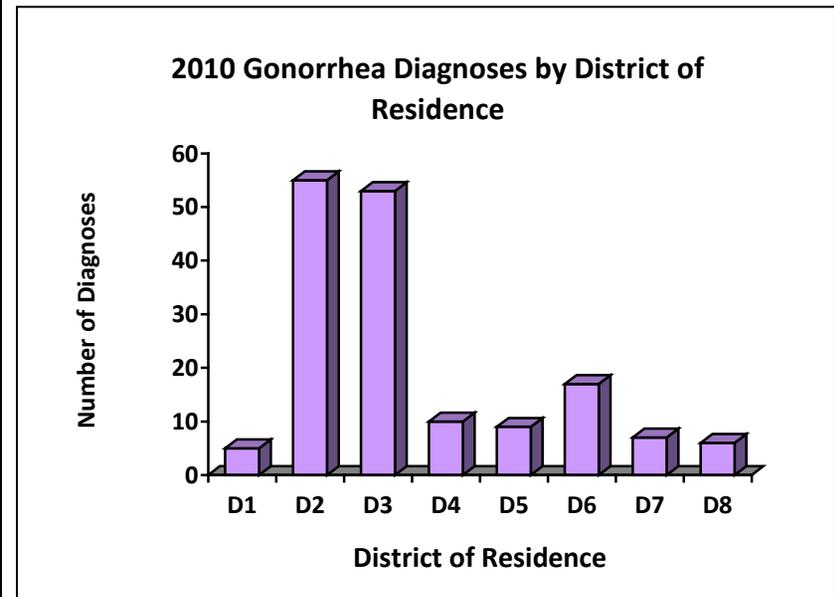
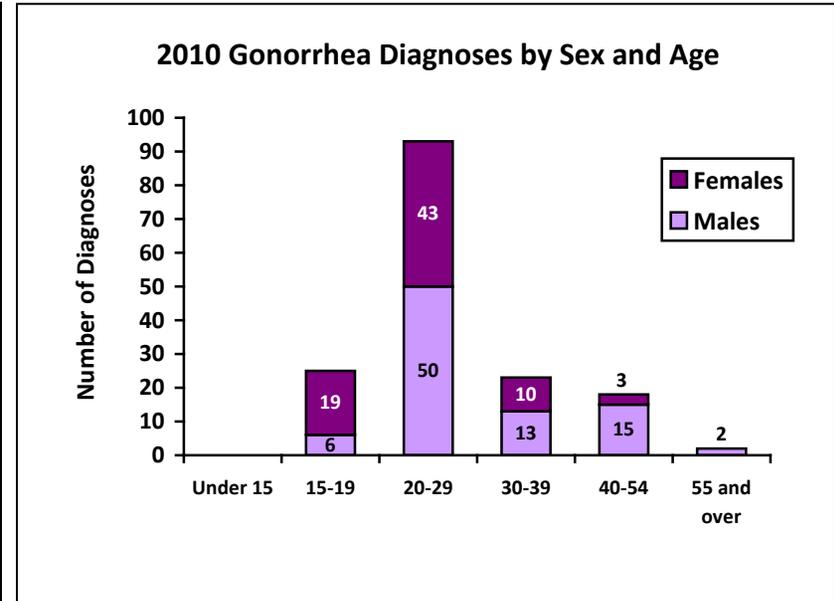
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**Chlamydia**

Year	2010		2009		2008		2007		2006	
Sex	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	768	30	730	30	756	29	712	28	632	27
Female	1814	70	1713	70	1838	71	1835	72	1672	73
Unknown	0	0	0	0	0	0	2	<1	0	0
Race	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
White	1726	67	1772	70	2005	77	1873	74	1732	75
Black	102	4	127	5	121	5	102	4	60	3
Asian/Pacific Isl.	15	<1	13	<1	20	<1	18	<1	15	<1
Am. Ind/Alask. Nat.	13	<1	7	<1	9	<1	7	<1	18	<1
Other/Unknown	721	28	254	22	439	17	549	21	479	21
Ethnicity	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Hispanic	9	<1	10	<1	12	<1	15	1	7	<1
Not Hispanic	1928	75	1893	77	2153	83	2001	79	1828	79
Other/Unknown	649	25	530	22	429	16	533	20	469	20
Age at Diagnosis	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
<15	14	<1	13	<1	13	<1	23	1	19	<1
15-19	756	29	734	30	777	30	812	32	781	34
20-24	1060	41	1025	50	1101	42	1041	41	975	42
25-29	433	17	392	16	441	17	408	16	304	13
30-39	249	10	201	8	208	8	196	8	168	7
40-54	55	2	63	3	39	1	52	2	46	2
>54	9	<1	7	<1	11	<1	6	0	9	<1
Age Unknown	10	<1	8	<1	4	<1	1	0	2	<1
District*	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
1-York	332	13	302	12	277	11	287	11	280	12
2-Cumberland	629	24	572	23	646	25	670	26	652	28
3-Western Maine	405	16	471	19	463	18	497	19	447	19
4-Mid Coast	244	9	213	9	252	10	242	9	208	9
5-Central Maine	396	15	329	14	423	16	330	13	255	11
6-Penquis	320	13	348	14	343	13	333	13	303	13
7-Downeast	132	5	114	5	126	4	107	4	95	4
8-Aroostook	128	5	94	4	64	2	77	3	64	3
Unknown	0	0	0	0	0	0	6	<1	0	0
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Total	2586	100	2443	100	2594	100	2549	100	2304	100



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**Gonorrhea**

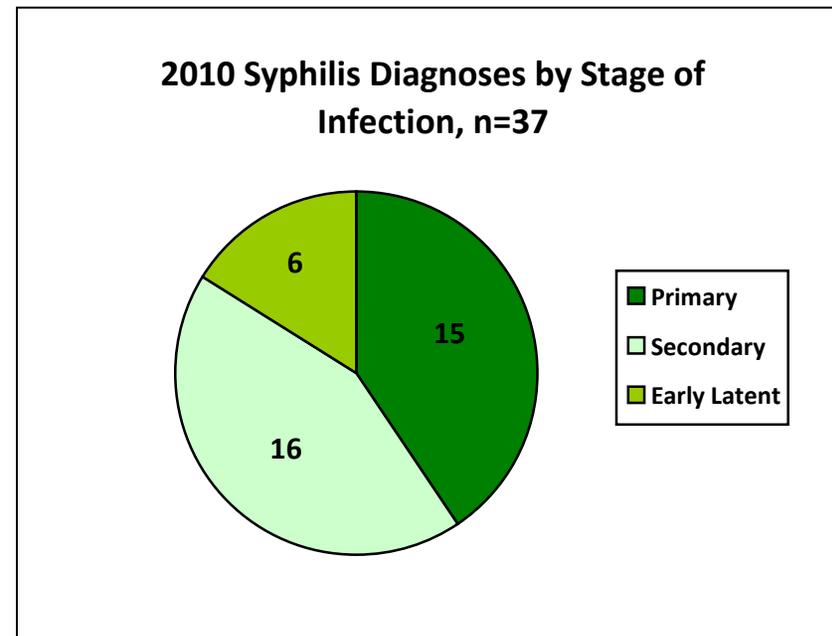
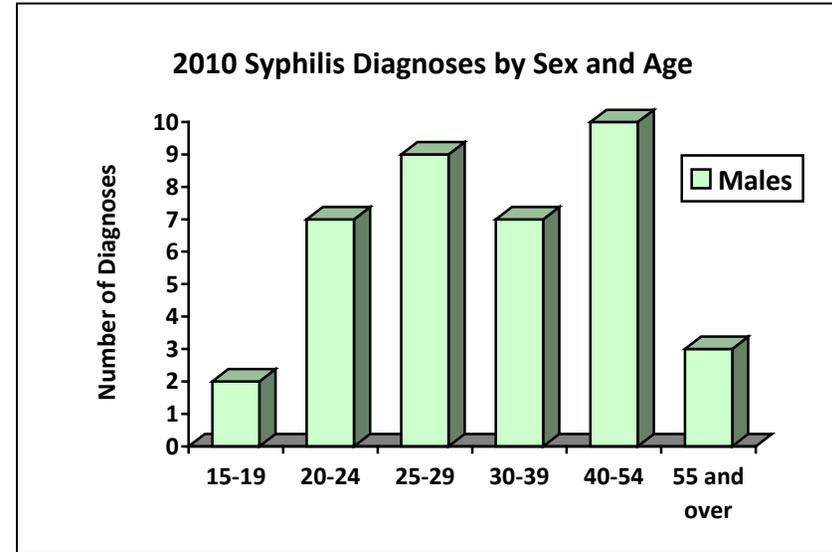
Year	2010		2009		2008		2007		2006	
<b>Sex</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	86	53	81	57	53	55	73	62	83	61
Female	75	46	62	43	43	45	45	38	54	39
Unknown	1	<1	0	0	0	0	0	0	0	0
<b>Race</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
White	111	69	112	78	73	76	98	83	110	80
Black	19	12	20	14	17	18	8	7	9	7
Asian/Pacific Isl.	0	0	2	<1	1	1	2	2	1	<1
Am. Ind/Alask. Nat.	0	0	0	0	0	0	1	<1	1	<1
Other/Unknown	30	19	9	6	5	5	9	7	16	12
<b>Ethnicity</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Hispanic	2	1	1	1	2	2	0	0	0	0
Not Hispanic	136	84	132	93	89	92	110	93	124	91
Other/Unknown	24	15	10	6	5	5	8	7	13	9
<b>Age at Diagnosis</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
<15	0	0	0	0	1	<1	0	0	1	<1
15-19	25	15	28	19	19	20	14	12	21	15
20-24	60	37	38	27	28	29	65	55	41	30
25-29	33	20	29	20	14	14	9	8	23	17
30-39	24	15	16	11	20	21	8	7	25	18
40-54	18	12	25	18	11	11	20	18	19	14
>54	2	1	5	3	3	3	1	0	7	5
Age Unknown	0	0	2	<1	0	0	1	0	0	0
<b>District*</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
1-York	5	3	7	19	12	13	14	12	18	13
2-Cumberland	55	34	43	30	40	41	37	31	47	34
3-Western Maine	53	33	44	31	18	19	29	24	22	16
4-Mid Coast	10	6	6	4	3	3	9	7	14	10
5-Central Maine	9	6	13	9	6	6	4	3	14	10
6-Penquis	17	10	5	3	4	4	19	16	12	9
7-Downeast	7	4	0	0	7	7	4	3	8	7
8-Aroostook	6	4	5	3	6	6	2	1	2	1
Unknown	0	0	0	0	0	0	0	0	0	0
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
<b>Total</b>	162	100	143	100	96	100	118	100	137	100



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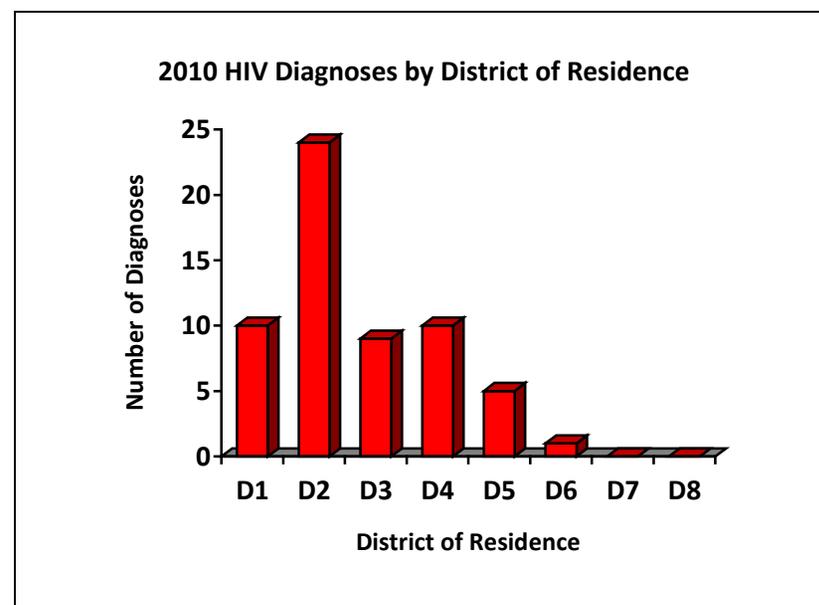
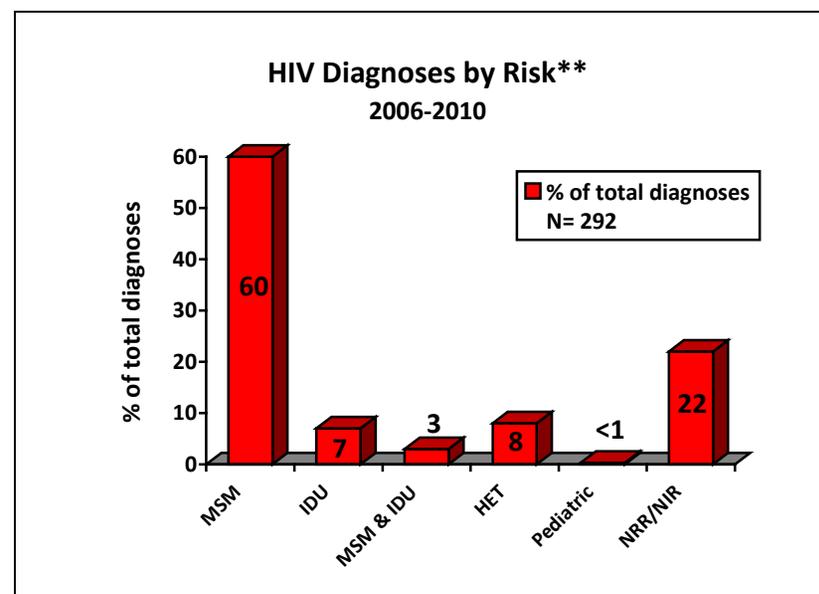
Primary, Secondary, and Early Latent Syphilis

Year	2010		2009		2008		2007		2006	
Sex	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	38	100	13	93	19	95	14	100	13	81
Female	0	0	1	7	1	5	0	0	3	19
Unknown	0	0	0	0	0	0	0	0	0	0
Race	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
White	31	82	14	100	20	100	14	100	14	88
Black	1	3	0	0	0	0	0	0	1	6
Asian/Pacific Isl.	0	0	0	0	0	0	0	0	0	0
Am. Ind/Alask. Nat.	0	0	0	0	0	0	0	0	0	0
Other/Unknown	6	16	0	0	0	0	0	0	1	6
Ethnicity	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Hispanic	0	0	0	0	0	0	1	7	1	6
Not Hispanic	32	84	14	100	20	100	13	93	14	88
Other/Unknown	6	16	0	0	0	0	0	0	1	6
Age at Diagnosis	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
<15	0	0	0	0	0	0	0	0	0	0
15-19	2	5	0	0	0	0	0	0	1	6
20-24	7	18	5	36	1	5	4	29	2	13
25-29	9	24	1	7	1	5	4	29	1	6
30-39	7	18	3	21	6	30	2	14	7	44
40-54	10	26	3	21	8	40	3	21	5	31
>54	3	8	2	14	4	20	1	7	0	0
Age Unknown	0	0	0	0	0	0	0	0	0	0
District*	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
1-York	9	24	1	7	2	10	2	14	0	0
2-Cumberland	22	58	7	50	9	45	8	57	7	44
3-Western Maine	0	0	2	14	0	0	3	21	2	13
4-Mid Coast	2	5	0	0	3	15	1	7	2	13
5-Central Maine	2	5	4	29	4	20	0	0	5	31
6-Penquis	1	3	0	0	1	5	0	0	0	0
7-Downeast	0	0	0	0	1	5	0	0	0	0
8-Aroostook	2	5	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Total	38	100	14	100	20	100	14	100	16	100



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HIV

Year	2010		2009		2008		2007		2006	
Sex	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	49	83	42	75	39	85	56	89	58	85
Female	10	17	14	25	7	15	7	11	10	15
Unknown	0	0	0	0	0	0	0	0	0	0
Race	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
White	41	69	42	75	43	93	56	89	58	85
Black	17	29	12	21	3	7	6	10	10	15
Asian/Pacific Isl.	1	2	1	2	0	0	0	0	0	0
Am. Ind/Alask. Nat.	0	0	1	2	0	0	0	0	0	0
Other/Unknown	0	0	0	0	0	0	1	1	0	0
Ethnicity	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Hispanic	0	0	2	4	1	2	3	5	2	3
Not Hispanic	58	58	54	96	45	98	60	95	66	97
Other/Unknown	1	1	0	0	0	0	0	0	0	0
Age at Diagnosis	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
<15	0	0	1	2	0	0	0	0	0	0
15-19	1	2	2	4	1	2	0	0	0	0
20-24	6	10	7	12	5	11	10	16	8	12
25-29	3	5	7	12	2	4	6	10	9	13
30-39	21	36	14	25	11	24	12	19	15	22
40-54	23	39	15	27	16	35	30	47	29	43
>54	5	8	10	18	11	24	5	8	7	10
Age Unknown	0	0	0	0	0	0	0	0	0	0
District*	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
1-York	10	17	11	19	11	24	16	25	10	15
2-Cumberland	24	41	25	45	16	35	19	30	22	32
3-Western Maine	9	15	6	11	11	24	5	8	12	18
4-Mid Coast	10	17	2	3	1	2	3	5	6	9
5-Central Maine	5	8	10	18	5	11	11	17	6	9
6-Penquis	1	2	1	2	1	2	4	6	7	10
7-Downeast	0	0	0	0	1	2	3	5	4	6
8-Aroostook	0	0	1	2	0	0	2	3	1	1
Unknown	0	0	0	0	0	0	0	0	0	0
	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Total	59	100	56	100	46	100	63	100	68	100



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**AIDS**

Year	2010		2009		2008		2007		2006	
<b>Sex</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Male	25	96	27	87	28	78	37	84	34	81
Female	1	4	4	13	8	22	7	16	8	19
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Race</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
White	19	73	28	90	32	89	35	80	39	93
Black	6	23	3	10	4	11	7	16	2	5
Asian/Pacific Isl.	0	0	0	0	0	0	1	2	1	2
Am. Ind/Alask. Nat.	0	0	0	0	0	0	1	2	0	0
Other/Unknown	1	4	0	0	0	0	0	0	0	0
<b>Ethnicity</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
Hispanic	0	0	2	6	1	3	2	5	1	2
Not Hispanic	24	92	29	94	35	97	41	93	39	93
Other/Unknown	2	8	0	0	0	0	1	2	2	5
<b>Age at Diagnosis</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
<15	0	0	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0	0	0
20-24	1	4	2	6	1	3	1	2	2	5
25-29	0	0	0	0	2	6	5	11	2	5
30-39	4	15	9	29	9	25	11	25	11	26
40-54	14	54	12	39	18	50	23	52	23	55
>54	7	27	8	26	6	16	4	9	4	10
Age Unknown	0	0	0	0	0	0	0	0	0	0
<b>District*</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
1-York	4	15	7	23	9	25	5	11	9	21
2-Cumberland	8	31	12	39	13	36	16	36	15	36
3-Western Maine	3	12	2	6	5	14	3	7	7	17
4-Mid Coast	4	15	2	6	3	8	5	11	2	5
5-Central Maine	4	15	6	19	1	3	6	14	4	10
6-Penquis	1	4	1	3	2	6	3	7	4	10
7-Downeast	0	0	0	0	3	8	5	11	1	2
8-Aroostook	0	0	1	3	0	0	1	2	0	0
Unknown	2	8	0	0	0	0	0	0	0	0
<b>Total</b>	Cases	%	Cases	%	Cases	%	Cases	%	Cases	%
	26	100	31	100	36	100	44	100	42	100

