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Respiratory Health Data from 2012 State Health Assessment

Maine Department of Health and Human Services

Maine Center for Disease Control and Prevention

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Adults Age 18 Years and Over With Current Asthma, by County and Public Health District, Maine

	Unweighted Number	Weighted Number	%	LCL	UCL
Maine total	843	103,702	10.0	9.1	10.9
US	NA	NA	9.1	NA	NA
County					
Androscoggin	53	6,696	8.9	5.9	11.9
Aroostook	52	6,295	9.2	6.3	12.0
Cumberland	128	17,446	9.2	7.2	11.2
Franklin	28	2,169	8.3	4.8	11.8
Hancock	43	5,026	10.0	6.7	13.3
Kennebec	66	8,955	10.4	7.3	13.5
Knox	41	3,389	10.6	6.9	14.2
Lincoln	41	4,002	12.7	7.9	17.5
Oxford	31	4,705	9.9	5.7	14.0
Penobscot	79	11,732	11.6	8.5	14.6
Piscataquis	23	1,991	11.0	6.2	15.9
Sagadahoc	26	2,321	7.5	3.9	11.0
Somerset	32	3,037	7.1	4.2	10.1
Waldo	36	3,586	10.3	5.2	15.4
Washington	51	4,637	15.7	10.2	21.1
York	90	14,109	9.7	7.0	12.5
District					
Aroostook	52	6,295	9.2	6.3	12.0
Central	98	11,992	9.3	7.0	11.6
Cumberland	128	17,446	9.2	7.2	11.2
Downeast	94	9,663	12.1	9.2	15.0
Midcoast	144	13,298	10.3	8.1	12.5
Penquis	102	13,723	11.5	8.8	14.2
Western	112	13,570	9.1	7.0	11.2
York	90	14,109	9.7	7.0	12.5

Data Source: Maine Behavioral Risk Factor Surveillance System.

All percentges are weighted to be more representative of the general child population of Maine and to adjust for non-response.

LCL = Lower confidence limit; UCL = Upper confidence limit

Adults Age 18 Years and Over With Current Asthma, by Selected Demographics, Maine 2010

	Unweighted Number	Weighted Number	%	LCL	UCL
Sex					
Female	618	69,745	13.0	11.7	14.2
Male	225	33,957	6.8	5.6	8.0
Age					
18-24	29	14,088	12.4	7.4	17.3
25-34	54	14,211	9.6	6.9	12.3
35-44	94	15,833	9.1	7.2	11.0
45-54	183	20,377	9.5	8.0	11.0
55-64	233	19,938	11.1	9.6	12.6
65+	244	18,775	9.1	7.9	10.4
Education					
Did not graduate High School	101	12,680	19.3	14.2	24.3
Graduated High School	263	30,777	8.9	7.4	10.3
Attended College or Technical School	228	29,886	11.1	9.2	13.0
Graduated from College or Technical School	250	30,265	8.5	7.2	9.8
Income					
Less than \$15,000	174	16,218	17.1	13.4	20.8
\$25,000 to less than \$35,000	77	8,131	8.0	6.0	10.1
\$35,000 to less than \$50,000	98	14,037	9.4	6.9	12.0
\$50,000 or more	217	29,361	7.1	6.0	8.3

Data Source: Maine Behavioral Risk Factor Surveillance System.

All percentages are weighted to be more representative of the general child population of Maine and to adjust for non-response.

LCL = Lower confidence limit; UCL = Upper confidence limit

Adults Age 18 Years and Over With Current Asthma, by Race, Ethnicity and Sexual Orientation Maine 2006-2010

	Unweighted Number	Weighted Number	%	LCL	UCL
Race and Ethnicity					
American Indian or Alaskan Native, non-Hispanic	58	8750	17.7	12.3	23.2
Black only, non-Hispanic	7	2210	8.8	0.3	17.3
Hispanic	35	6836	10.7	6.5	15.0
Multiracial, non-Hispanic	72	10944	20.7	15.5	26.0
Other, non-Hispanic	18	4770	11.5	4.1	18.9
White only, non-Hispanic	3265	496232	10.0	9.6	10.5
Sexual Orientation					
Heterosexual or straight	3290	499329	10.0	9.6	10.5
Homosexual or gay or lesbian	66	11575	16.2	10.8	21.5
Bisexual	41	11516	21.2	13.2	29.1
Other	22	2203	10.5	5.5	15.6

Data Source: Maine Behavioral Risk Factor Surveillance System.

All percentages are weighted to be more representative of the general child population of Maine and to adjust for non-response.

LCL = Lower confidence limit; UCL = Upper confidence limit

Adults Age 18 Years and Over With Current Asthma, Maine 2002-2010

Year	unweighted number	weighted number	%	LCL	UCL
2002	255	99,097	10.0	8.7	11.4
2003	235	98,475	9.9	8.5	11.2
2004	346	98,627	9.6	8.5	10.8
2005	390	105,582	10.2	9.0	11.5
2006	408	100,915	9.7	8.6	10.8
2007	694	107,576	10.3	9.3	11.2
2008	683	107,556	10.3	9.3	11.3
2009	848	112,578	10.8	9.9	11.8
2010	843	103,702	10.0	9.1	10.9

Data Source: Maine Behavioral Risk Factor Surveillance System.

All percentges are weighted to be more representative of the general child population of Maine and to adjust for non-response.

LCL = Lower confidence limit; UCL = Upper confidence limit

Asthma/Bronchitis ED Visits by Sex and Age, Maine, 2009

	Number	Crude Rate		Age-adjusted Rate	
		Rate	95% CI	Rate	95% CI
Maine Total	13,674	1,037.2	1019.9 - 1054.8	1,104.6	1085.7 - 1123.6
Gender					
Male	5,681	882.7	859.9 - 906.0	947.7	922.8 - 973.0
Female	7,993	1,184.6	1158.8 - 1210.9	1,254.9	1226.8 - 1283.4
Age					
<1 year	476	3,464.6	3160.3 - 3790.3	NApp	NApp
1-4	949	1,664.2	1560.0 - 1773.6	NApp	NApp
5-9	764	1,058.5	984.7 - 1136.3	NApp	NApp
10-14	565	738.7	679.0 - 802.2	NApp	NApp
15-24	2,455	1,443.3	1386.8 - 1501.5	NApp	NApp
25-34	2,072	1,384.6	1325.6 - 1445.6	NApp	NApp
35-44	2,118	1,225.9	1174.3 - 1279.3	NApp	NApp
45-54	1,780	819.4	781.8 - 858.4	NApp	NApp
55-64	1,118	609.2	574.0 - 646.0	NApp	NApp
65-74	702	647.5	600.4 - 697.2	NApp	NApp
75-84	453	658.4	599.1 - 721.9	NApp	NApp
85+	222	782.0	682.5 - 891.9	NApp	NApp

Asthma/Bronchitis ED Visits: ED Visits with Asthma or Bronchitis (ICD9-CM codes: 493 or 466) as the principal diagnosis.

Crude rates are ED visits per 100,000 population.

Age-adjusted rates are ED visits per 100,000 population age-adjusted to the U.S. 2000 standard population.

95% CI: 95% confidence interval of the rate.

Data Source: Maine Hospital Inpatient and Outpatient Databases; Maine Health Data Organization.

NApp: Not applicable, age-adjusted rates are not calculated for age-specific groups.

Asthma/Bronchitis ED Visits, by County and Public Health District, Maine, 2009

	Number	Crude Rate		Age-adjusted Rate	
		Rate	95% CI	Rate	95% CI
Maine Total	13,674	1037.2	1019.9 - 1054.8	1,104.6	1085.7 - 1123.6
County					
Androscoggin	1,191	1117.9	1055.3 - 1183.2	1,177.4	1110.9 - 1246.8
Aroostook	956	1337.3	1253.8 - 1424.8	1,449.8	1356.0 - 1548.1
Cumberland	2,446	878.1	843.6 - 913.6	915.8	879.4 - 953.4
Franklin	147	494.4	417.7 - 581.1	545.7	458.7 - 644.0
Hancock	645	1206.8	1115.5 - 1303.6	1,297.0	1194.4 - 1405.7
Kennebec	1,098	906.8	853.9 - 962.0	977.0	918.9 - 1037.8
Knox	271	664.2	587.5 - 748.2	768.1	676.6 - 867.8
Lincoln	258	746.2	657.9 - 843.0	839.6	735.3 - 953.8
Oxford	557	990.3	909.8 - 1076.1	1,087.0	996.2 - 1183.6
Penobscot	1,527	1022.0	971.3 - 1074.5	1,043.9	991.2 - 1098.7
Piscataquis	164	976.5	832.8 - 1137.9	1,146.9	969.7 - 1345.5
Sagadahoc	308	846.4	754.5 - 946.4	902.3	802.0 - 1011.4
Somerset	829	1627.2	1518.3 - 1741.8	1,775.0	1653.6 - 1902.7
Waldo	334	872.4	781.3 - 971.1	949.1	847.6 - 1059.1
Washington	510	1588.4	1453.6 - 1732.5	1,732.1	1579.6 - 1894.8
York	2,433	1205.2	1157.8 - 1254.1	1,286.1	1234.4 - 1339.4
Public Health District					
Aroostook	956	1337.3	1253.8 - 1424.8	1,449.8	1356.0 - 1548.1
Central	1,927	1120.1	1070.6 - 1171.3	1,211.5	1156.8 - 1267.9
Cumberland	2,446	878.1	843.6 - 913.6	915.8	879.4 - 953.4
Downeast	1,155	1350.0	1273.3 - 1430.2	1,463.2	1376.6 - 1553.7
Midcoast	1,171	780.4	736.3 - 826.4	864.4	814.1 - 916.8
Penquis	1,691	1017.4	969.4 - 1067.0	1,049.0	998.6 - 1101.3
Western	1,895	984.3	940.5 - 1029.7	1,056.8	1009.1 - 1106.1
York	2,433	1205.2	1157.8 - 1254.1	1,286.1	1234.4 - 1339.4

Data Source: Maine Hospital Inpatient and Outpatient Databases; Maine Health Data Organization.

Asthma/Bronchitis ED Visits: ED Visits with Asthma or Bronchitis (ICD9-CM codes: 493 or 466) as the principal diagnosis.

Crude rates are ED visits per 100,000 population.

Age-adjusted rates are ED visits per 100,000 population age-adjusted to the U.S. 2000 standard population.

95% CI: 95% confidence interval of the rate.

Asthma/Bronchitis Emergency Department Visits by Year, Maine, 2000-2009

Year	Number	Crude Rate		Age-adjusted Rate	
		Rate	95% CI	Rate	95% CI
2000	13,945	1091.8	1073.7 - 1110.0	1,133.0	1114.1 - 1152.1
2001	15,223	1185.2	1166.4 - 1204.1	1,239.6	1219.8 - 1259.6
2002	14,139	1092.3	1074.3 - 1110.4	1,150.7	1131.6 - 1170.1
2003	15,050	1152.6	1134.3 - 1171.2	1,219.5	1199.8 - 1239.4
2004	13,074	992.5	975.6 - 1009.7	1,052.3	1034.1 - 1070.8
2005	14,547	1100.8	1083.0 - 1118.8	1,165.7	1146.5 - 1185.1
2006	13,977	1057.6	1040.1 - 1075.3	1,116.4	1097.7 - 1135.4
2007	13,332	1012.1	995.0 - 1029.5	1,078.6	1060.1 - 1097.4
2008	14,068	1068.6	1051.0 - 1086.4	1,137.9	1118.8 - 1157.2
2009	13,674	1037.2	1019.9 - 1054.8	1,104.6	1085.7 - 1123.6

Asthma/Bronchitis ED Visits: ED Visits with Asthma or Bronchitis (ICD9-CM codes: 493 or 466) as the principal diagnosis.

Crude rates are ED visits per 100,000 population

Age-adjusted rates are ED visits per 100,000 population age-adjusted to the U.S. 2000 standard population

95% CI: 95% confidence interval of the rate.

Data Source: Maine Hospital Inpatient and Outpatient Databases; Maine Health Data Organization

Asthma Prevalence Rates among Maine Children by County and Public Health District, Maine, 2006-2010

	Lifetime Asthma					Current Asthma				
	Total Respondents	n	weighted n	%	95% CI	Total Respondents	n	weighted n	%	95% CI
Total	6,283	910	36,824	13.5	13% - 14%	6,256	608	24,342	8.9	8.1% - 9.8%
County										
Androscoggin	397	62	3,165	15.6%	11% - 20%	395	42	2,093	10.4%	6.6% - 14.1%
Aroostook	304	51	2,327	14.6%	10% - 19%	303	33	1,366	8.7%	5.4% - 11.9%
Cumberland	1,120	160	7,862	14.1%	12% - 16%	1,111	107	5,115	9.3%	7.3% - 11.2%
Franklin	214	29	820	12.9%	8% - 18%	214	24	702	11.1%	6.3% - 15.9%
Hancock	260	28	1,235	10.7%	7% - 15%	259	19	847	7.3%	3.9% - 10.8%
Kennebec	510	56	2,591	10.6%	8% - 14%	509	35	1,429	5.9%	3.7% - 8.0%
Knox	347	48	1,151	12.1%	8% - 16%	346	27	690	7.3%	4.1% - 10.5%
Lincoln	253	30	837	12.1%	8% - 17%	251	18	505	7.4%	3.6% - 11.1%
Oxford	279	37	1,631	13.3%	9% - 18%	250	27	1,208	9.9%	5.7% - 14.2%
Penobscot	562	88	4,177	15.0%	12% - 18%	561	62	2,904	10.5%	7.6% - 13.4%
Piscataquis	142	29	875	21.0%	13% - 29%	142	20	618	14.8%	7.0% - 22.6%
Sagadahoc	251	45	1,271	14.9%	10% - 20%	248	24	655	7.8%	4.3% - 11.3%
Somerset	236	42	1,536	13.2%	9% - 18%	236	25	902	7.7%	4.2% - 11.3%
Waldo	297	38	1,054	13.1%	9% - 17%	295	28	783	9.8%	5.8% - 13.7%
Washington	276	55	1,429	17.8%	13% - 23%	274	33	900	11.3%	6.9% - 15.6%
York	748	104	4,504	12.0%	10% - 14%	748	79	3,487	9.3%	7.1% - 11.5%
Public Health District										
Aroostook	304	51	2,327	14.6%	10% - 19%	303	33	1,366	8.7%	5.4% - 11.9%
Central Maine	746	98	4,127	11.4%	9% - 14%	745	60	2,332	6.5%	4.6% - 8.3%
Cumberland	1,120	160	7,862	14.1%	12% - 16%	1,111	107	5,115	9.3%	7.3% - 11.2%
Downeast	536	83	2,664	13.6%	10% - 17%	533	52	1,747	8.9%	6.2% - 11.6%
Mid Coast	1,148	161	4,313	13.1%	11% - 15%	1,140	97	2,633	8.0%	6.2% - 9.8%
Penquis	704	117	5,053	15.8%	13% - 19%	703	82	3,522	11.0%	8.3% - 13.8%
Western Maine	890	128	5,615	14.5%	12% - 17%	886	93	4,004	10.4%	7.9% - 12.9%
York	748	104	4,504	12.0%	10% - 14%	748	79	3,487	9.3%	7.1% - 11.5%

Data Source: Maine Behavioral Risk Factor Surveillance System.

All percentages are weighted to be more representative of the general child population of Maine and to adjust for non-response.

Use caution in interpreting percentages with a numerator less than 20.

Total respondents = unweighted denominator; n = unweighted numerator;

weighted n = weighted numerator (for pooled data, equals final child weight divided by number of years); 95% CI = 95% Confidence Interval.

Asthma Prevalence Rates among Maine Children by Selected Demographics, Maine, 2006-2010

	Lifetime Asthma					Current Asthma				
	Total Respondents	n	weighted n	%	95% CI	Total Respondents	n	weighted n	%	95% CI
Total	6,283	910	36,824	13.5	13% - 14%	6,256	608	24,342	8.9	8.1% - 9.8%
Gender										
Male	3,212	554	22,249	16.1	15% - 18%	3,193	350	13,851	10.1	8.9% - 11.3%
Female	3,045	353	14,447	10.8	10% - 12%	3,037	255	10,364	7.8	6.7% - 8.8%
Race/Ethnicity										
Non-Hispanic White	5,849	843	33,557	13.2	12% - 14%	5,822	557	21,745	8.6	7.8% - 9.4%
Other Race or Hispanic	434	67	3,267	16.5	12% - 21%	434	51	2,597	13.1	8.9% - 17.4%
Age										
0-11	3,497	402	18,127	11.1	9.9% - 12.3%	3,480	277	12,614	7.8	6.7% - 8.8%
12+	2,488	473	17,356	17.6	16% - 19%	2,478	301	10,672	10.9	9.5% - 12.2%
Household Income										
Less than \$25,000	1,058	203	7,990	17.2	14% - 20%	1,054	140	5,467	11.8	9.4% - 14.1%
\$25,000-49,999	1,659	249	9,966	14.3	12% - 16%	1,651	153	6,248	9	7.4% - 10.5%
50,000+	3,144	399	16,549	11.9	11% - 13%	3,130	268	10,774	7.8	6.7% - 8.8%

Data Source: Maine Behavioral Risk Factor Surveillance System.

All percentages are weighted to be more representative of the general child population of Maine and to adjust for non-response.

Use caution in interpreting percentages with a numerator less than 20.

Total respondents = unweighted denominator

n = unweighted numerator; 95% CI = 95% Confidence Interval.

weighted n = weighted numerator (for pooled data, equals final child weight divided by number of years)

Asthma Prevalence Rates among Maine Children by Year, Maine 2006-2010

Year	Lifetime Asthma					Current Asthma				
	Total Respondents	n	weighted n	%	95% CI	Total	n	weighted n	%	95% CI
2006	1,136	157	34,465	12.4	10% - 15%	1,128	108	23,960	8.7	6.8% - 10.5%
2007	1,588	218	36,508	13.3	11% - 15%	1,587	141	23,228	8.5	6.9% - 10.0%
2008	1,656	251	38,384	14.0	12% - 16%	1,649	174	25,629	9.4	7.9% - 10.9%
2009	1,004	156	39,561	14.5	12% - 17%	1,001	105	26,414	9.7	7.7% - 11.7%
2010	899	128	35,202	13.2	11% - 16%	891	80	22,482	8.5	6.4% - 10.6%

Data Source: Maine Behavioral Risk Factor Surveillance System.

All percentages are weighted to be more representative of the general child population of Maine and to adjust for non-response.

95% CI = 95% Confidence Interval.

Use caution in interpreting percentages with a numerator less than 20.

Total respondents = unweighted denominator

n = unweighted numerator

weighted n = weighted numerator (for pooled data, equals final child weight divided by number of years)

Chronic Lower Respiratory Disease Deaths, by County and Public Health District, Maine, 2005-2009

	Average Annual Number	Crude Rate		Age-adjusted Rate	
		Rate	95% CI	Rate	95% CI
Total	789	59.8	58.0 - 61.7	48.6	47.1 - 50.2
County					
Androscoggin	78	72.8	65.7 - 80.4	60.9	54.9 - 67.3
Aroostook	46	64.2	56.2 - 73.0	44.8	39.2 - 51.1
Cumberland	132	47.7	44.1 - 51.5	40.6	37.5 - 43.9
Franklin	21	70.4	57.5 - 85.2	61.2	50.0 - 74.3
Hancock	29	54.2	45.8 - 63.8	40.7	34.4 - 48.1
Kennebec	76	63.1	57.0 - 69.8	51.7	46.6 - 57.2
Knox	23	56.2	46.4 - 67.5	38.1	31.4 - 46.0
Lincoln	24	68.2	56.5 - 81.6	44.0	36.4 - 52.9
Oxford	44	78.0	68.0 - 88.9	61.3	53.4 - 70.0
Penobscot	77	51.9	46.9 - 57.4	46.5	42.0 - 51.5
Piscataquis	14	78.9	61.3 - 100.0	55.3	42.8 - 70.6
Sagadahoc	26	71.1	59.4 - 84.4	63.5	53.0 - 75.6
Somerset	42	81.8	71.1 - 93.6	65.7	57.1 - 75.4
Waldo	22	57.6	47.4 - 69.4	49.8	40.9 - 60.1
Washington	30	90.2	76.2 - 106.0	62.0	52.4 - 73.1
York	105	52.2	47.8 - 56.9	44.3	40.6 - 48.3
Public Health District					
Aroostook	46	64.2	56.2 - 73.0	44.8	39.2 - 51.1
Central	119	68.7	63.3 - 74.5	55.9	51.5 - 60.7
Cumberland	132	47.7	44.1 - 51.5	40.6	37.5 - 43.9
Downeast	59	67.9	60.4 - 76.2	49.1	43.7 - 55.2
Midcoast	95	63.0	57.4 - 68.9	47.2	43.0 - 51.7
Penquis	91	54.8	49.8 - 60.0	47.7	43.4 - 52.3
Western	143	73.9	68.6 - 79.5	60.9	56.5 - 65.5
York	105	52.2	47.8 - 56.9	44.3	40.6 - 48.3

Data Source: Maine Mortality Database; Data, Research, and Vital Records Program, Maine CDC.

CLRDdeaths are defined as deaths in which the underlying cause of death was coded as icd10 J40-J47.

Crude rates are deaths per 100,000 population.

Age-adjusted rates are deaths per 100,000 population age-adjusted to the U.S. 2000 standard population.

95% CI: 95% confidence interval of the rate.

CLRD Deaths, by Sex and Age, Maine, 2009

	Number	Crude Rate		Age-adjusted Rate	
		Rate	95% CI	Rate	95% CI
Maine Total	814	61.7	57.6 - 66.1	48.6	45.3 - 52.0
Gender					
Male	384	59.7	53.8 - 65.9	57.0	51.4 - 63.1
Female	430	63.7	57.8 - 70.0	43.8	39.7 - 48.2
Age					
<35	1	0.2*	0.0 - 1.0	Napp	Napp
35-44	1	0.6*	0.0 - 3.2	Napp	Napp
45-54	30	13.8	9.3 - 19.7	Napp	Napp
55-64	67	36.5	28.3 - 46.4	Napp	Napp
65-74	178	164.2	140.9 - 190.1	Napp	Napp
75+	537	552.5	506.8 - 601.3	Napp	Napp

Data Source: Maine Mortality Database; Data, Research, and Vital Records Program, Maine CDC.

CLRD= Chronic Lower Respiratory Disease.

CLRD deaths are defined as deaths in which the underlying cause of death was coded as icd10 J40-J47.

Crude rates are deaths per 100,000 population.

Age-adjusted rates are deaths per 100,000 population age-adjusted to the U.S. 2000 standard population.

95% CI: 95% confidence interval of the rate.

*Rates are flagged as unreliable when the rate is calculated with a numerator of 20 or less.

NA= Not available; NApp = Not applicable.

Chronic Lower Respiratory Disease Deaths, by Year, Maine, 1999-2009

Year	Number of Deaths	Crude Rate		Age-adjusted Rate	
		Rate	95% CI	Rate	95% CI
1999	749	59.1	55.0 - 63.5	52.4	48.7 - 56.3
2000	769	60.2	56.0 - 64.6	52.7	49.0 - 56.6
2001	801	62.4	58.1 - 66.8	54.1	50.4 - 58.0
2002	791	61.1	56.9 - 65.5	52.7	49.1 - 56.5
2003	780	59.7	55.6 - 64.1	50.8	47.3 - 54.5
2004	765	58.1	54.0 - 62.3	49.3	45.8 - 52.9
2005	830	62.8	58.6 - 67.2	52.3	48.8 - 56.1
2006	782	59.2	55.1 - 63.5	49.3	45.9 - 52.9
2007	727	55.2	51.3 - 59.4	44.8	41.5 - 48.2
2008	794	60.3	56.2 - 64.7	48.5	45.1 - 52.0
2009	814	61.7	57.6 - 66.1	48.6	45.3 - 52.0
US 2009	NA	NA	NA	42.3	42.0 - 42.5

Data Source: Maine Mortality Database; Data, Research, and Vital Records Program, Maine CDC.

CLRD deaths are defined as deaths in which the underlying cause of death was coded as icd10 J40-J47.

Crude rates are deaths per 100,000 population.

Age-adjusted rates are deaths per 100,000 population age-adjusted to the U.S. 2000 standard population.

95% CI: 95% confidence interval of the rate.

NA = Not available

COPD Hospital Discharges, by County and Public Health District, Maine, 2007-2009

	Average Annual Number	Crude Rate		Age-adjusted Rate	
		Rate	95% CI	Rate	95% CI
Maine Total	3,260	247.5	242.6 - 252.4	198.3	194.4 - 202.3
County					
Androscoggin	278	260.4	243.1 - 278.7	220.2	205.4 - 235.8
Aroostook	296	413.1	386.4 - 441.2	290.1	271.1 - 310.2
Cumberland	466	168.3	159.6 - 177.4	144.9	137.4 - 152.8
Franklin	116	387.6	347.9 - 430.6	318.7	285.7 - 354.7
Hancock	123	230.8	207.9 - 255.6	170.4	153.2 - 189.1
Kennebec	214	176.6	163.2 - 190.9	142.2	131.3 - 153.8
Knox	100	246.2	219.2 - 275.6	172.9	153.7 - 194.1
Lincoln	93	269.2	238.6 - 302.7	175.4	155.2 - 197.8
Oxford	195	344.7	317.3 - 373.8	262.2	241.2 - 284.6
Penobscot	498	334.6	317.8 - 352.0	288.4	273.9 - 303.6
Piscataquis	51	302.3	256.5 - 354.0	210.6	178.4 - 247.7
Sagadahoc	77	212.6	186.1 - 241.8	183.4	160.3 - 209.1
Somerset	159	309.8	282.6 - 338.9	244.2	222.6 - 267.5
Waldo	83	216.3	190.2 - 244.9	176.3	154.7 - 200.1
Washington	120	369.8	332.6 - 410.0	254.5	228.7 - 282.8
York	390	193.4	182.5 - 204.8	158.6	149.6 - 168.1
Public Health District					
Aroostook	296	413.1	386.4 - 441.2	290.1	271.1 - 310.2
Central	373	216.3	203.8 - 229.4	172.9	162.9 - 183.5
Cumberland	466	168.3	159.6 - 177.4	144.9	137.4 - 152.8
Downeast	243	283.4	263.2 - 304.8	203.1	188.5 - 218.7
Midcoast	354	235.7	221.8 - 250.3	176.6	166.0 - 187.7
Penquis	550	331.3	315.5 - 347.6	278.6	265.2 - 292.5
Western	589	304.8	290.7 - 319.3	248.1	236.6 - 260.1
York	390	193.4	182.5 - 204.8	158.6	149.6 - 168.1

Data Source: Maine Hospital Inpatient Database; Maine Health Data Organization.

COPD: Chronic Obstructive Pulmonary Disease.

COPD Hospital discharges are discharge in which Hospitalization with COPD was the principal diagnosis (excludes asthma), ICD-9-CM codes 490-492 and 496.

Crude rates are hospital discharges per 100,000 population.

Age-adjusted rates are hospital discharges per 100,000 population age-adjusted to the U.S. 2000 standard population.

95% CI: 95% confidence interval of the rate.

COPD Hospital Discharges, by Sex and Age, Maine, 2009

	Number	Crude Rate		Age-adjusted Rate	
		Rate	95% CI	Rate	95% CI
Total	3,560	270.0	261.2 - 279.1	211.8	204.8 - 218.9
Gender					
Male	1,674	260.1	247.8 - 272.9	228.1	217.1 - 239.5
Female	1,886	279.5	267.0 - 292.4	203.9	194.7 - 213.4
Age					
0-24	11	0.3*	0.1 - 0.5	NApp	NApp
25-34	9	0.6*	0.3 - 1.1	NApp	NApp
35-44	53	3.1	2.3 - 4.0	NApp	NApp
45-54	352	16.2	14.6 - 18.0	NApp	NApp
55-64	712	38.8	36.0 - 41.8	NApp	NApp
65-74	1,104	101.8	95.9 - 108.0	NApp	NApp
75 +	1,319	135.7	128.5 - 143.2	NApp	NApp

COPD Hospital Discharges, by Year, Maine, 1999-2009

Year	Number	Crude Rate		Age-adjusted Rate	
		Rate	95% CI	Rate	95% CI
1999	3,390	267.6	258.7 - 276.8	239.9	231.9 - 248.1
2000	3,620	283.4	274.3 - 292.8	250.5	242.4 - 258.8
2001	3,089	240.5	232.1 - 249.1	210.7	203.4 - 218.3
2002	2,953	228.1	220.0 - 236.5	197.8	190.8 - 205.1
2003	2,976	227.9	219.8 - 236.3	195.7	188.7 - 202.9
2004	2,783	211.3	203.5 - 219.3	179.7	173.0 - 186.5
2005	3,106	235.0	226.8 - 243.4	196.3	189.4 - 203.3
2006	2,866	216.9	209.0 - 225.0	179.7	173.1 - 186.4
2007	2,870	217.9	210.0 - 226.0	178.2	171.7 - 184.9
2008	3,350	254.5	245.9 - 263.2	204.3	197.4 - 211.4
2009	3,560	270.0	261.2 - 279.1	211.8	204.8 - 218.9

Data Source: Maine Hospital Inpatient Database; Maine Health Data Organization.

COPD: Chronic Obstructive Pulmonary Disease

COPD Hospital discharges are discharge in which Hospitalization with COPD was the principal diagnosis (excludes asthma), ICD-9-CM codes 490-492 and 496.

Crude rates are hospital discharges per 100,000 population.

Age-adjusted rates are hospital discharges per 100,000 population age-adjusted to the U.S. 2000 standard population.

95% CI: 95% confidence interval of the rate.