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# 2003 Cancer Incidence Report

Maine Department of Health and Human Services

Maine Center for Disease Control and Prevention

Maine Cancer Registry

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# **2003 Cancer Incidence Report**

## **Maine Cancer Registry**



**DEPARTMENT OF HEALTH AND HUMAN SERVICES  
MAINE CENTER FOR DISEASE CONTROL AND PREVENTION  
DIVISION OF CHRONIC DISEASE  
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**Commissioner Brenda Harvey  
February 2006**

## AGE-ADJUSTED INCIDENCE RATES IN MAINE, 2003

	Both Sexes					Males					Females				
	Count	AAR	Lower CI	Upper CI	SEER Whites	Count	AAR	Lower CI	Upper CI	SEER Whites	Count	AAR	Lower CI	Upper CI	SEER Whites
All Sites	7389	490.7	479.5	502.1	467.6	3836	571.0	552.8	589.7	541.3	3551	433.7	419.4	448.5	417.3
Breast	1051	69.2	65.1	73.6	69.1	18	2.7	1.6	4.4	1.5	1033	126.3	118.6	134.4	128.5
Lung	1152	75.9	71.5	80.4	63.6	642	96.2	88.8	104.1	77.2	510	60.7	55.6	66.4	54.0
Prostate						1072	156.7	147.3	166.6	160.0					
Colorectal	839	55.3	51.6	59.3	49.0	442	67.3	61.1	74.2	57.1	397	46.4	41.9	51.3	42.4
Melanoma	318	21.8	19.5	24.5	22.3	186	27.6	23.7	32.1	26.9	132	17.4	14.5	20.9	19.2
Cervical											58	8.0	6.1	10.6	6.6
Oropharyngeal	185	12.1	10.4	14.0	10.2	126	17.7	14.7	21.3	15.2	58	7.0	5.3	9.3	5.8
Esophageal	104	6.8	5.5	8.3	4.7	81	11.9	9.4	15.0	8.1	23	2.6	1.6	4.0	1.9
Stomach	97	6.3	5.1	7.8	6.4	64	9.6	7.4	12.5	9.2	33	3.8	2.6	5.5	4.2
Liver	54	3.5	2.7	4.7	4.7	39	5.8	4.1	8.1	7.3	15	1.6	0.9	2.8	2.5
Pancreas	164	10.8	9.2	12.7	11.0	88	13.2	10.5	16.4	12.3	76	9.1	7.2	11.5	9.9
Larynx	62	4.0	3.0	5.2	3.3	42	6.1	4.4	8.4	5.7	20	2.4	1.4	3.8	1.3
Uterine											241	29.6	25.9	33.7	25.0
Ovarian											90	11.2	9.0	13.9	13.6
Testicular						37	5.9	4.1	8.4	6.3					
Bladder	463	30.5	27.8	33.5	22.9	355	54.7	49.1	61.0	39.9	108	12.4	10.1	15.1	10.2
Kidney	195	12.7	11.0	14.7	13.3	109	15.5	12.7	19.0	17.6	86	10.5	8.3	13.1	9.7
Brain & CNS	96	6.6	5.3	8.2	6.9	53	7.8	5.8	10.4	8.0	43	5.4	3.9	7.5	6.0
Thyroid	139	10.2	8.5	12.1	9.9	23	3.4	2.1	5.3	4.9	116	16.7	13.8	20.3	15.0
Hodgkin's	35	2.5	1.8	3.6	2.9	13	2.0	1.0	3.5	3.3	22	3.2	2.0	5.0	2.5
NHL	290	19.5	17.3	21.9	20.8	155	23.3	19.7	27.5	24.7	135	16.4	13.7	19.6	17.7
Multiple Myeloma	66	4.3	3.4	5.6	5.1	36	5.5	3.8	7.8	6.5	30	3.5	2.4	5.2	4.0
Leukemia	178	12.1	10.4	14.1	12.4	106	15.9	13.0	19.4	16.3	72	8.8	6.9	11.3	9.4

Maine rates are significantly lower than the SEER White rates.

Maine rates are significantly higher than the SEER White rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

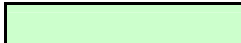
SEER: Surveillance, Epidemiology, and End Results (national comparison)


AAR: Age Adjusted Rate

CI: 95% Confidence Interval

**ALL CANCER INCIDENCE BY COUNTY, 2003**

	Both Sexes				Males				Females			
	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI
Androscoggin	547	458.2	420.4	499.4	283	543.5	481.5	613.2	264	406.1	357.7	460.9
Aroostook	476	505.0	460.0	554.4	252	583.8	513.1	663.8	224	451.7	392.6	519.4
Cumberland	1399	472.4	447.9	498.3	676	525.6	486.3	568.0	723	436.2	404.6	470.3
Franklin	158	464.6	394.2	546.9	83	560.7	443.5	706.8	75	419.5	328.5	533.9
Hancock	351	525.6	471.7	585.6	182	609.4	522.8	709.7	169	471.1	401.7	551.9
Kennebec	692	508.6	471.2	548.9	337	558.9	500.1	624.5	355	474.7	426.1	528.7
Knox	257	480.5	422.6	546.0	130	550.9	459.6	659.6	127	429.2	355.4	517.5
Lincoln	219	454.7	395.5	522.5	125	556.1	461.7	668.8	94	373.3	299.2	464.6
Oxford	338	479.0	429.0	534.7	198	528.3	456.6	611.0	140	433.3	363.5	515.7
Penobscot	879	559.4	522.9	598.5	471	667.4	607.2	733.3	408	476.1	430.7	526.1
Piscataquis	109	472.3	386.1	576.7	66	601.8	463.5	778.1	43	362.3	257.5	505.6
Sagadahoc	188	489.0	420.9	567.7	83	475.3	376.5	598.3	105	501.0	408.6	613.1
Somerset	310	517.6	461.3	580.7	175	651.7	556.7	762.2	135	415.3	347.6	495.4
Waldo	212	490.6	426.1	564.5	110	558.5	456.8	681.5	102	442.8	360.1	543.4
Washington	257	592.0	521.0	672.4	144	728.5	613.1	864.6	113	491.2	402.4	598.3
York	996	449.4	421.8	478.8	520	528.0	482.8	577.3	474	395.0	359.9	433.3
Maine	7389	490.7	479.5	502.1	3836	571.0	552.8	589.7	3551	433.7	419.4	448.5

 County rates are significantly lower than the Maine rates.

 County rates are significantly higher than the Maine rates.

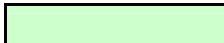
Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

AAR: Age Adjusted Rate

CI: 95% Confidence Interval

**LUNG CANCER INCIDENCE BY COUNTY, 2003**

	Both Sexes				Males				Females			
	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI
Androscoggin	95	77.8	62.9	96.1	55	103.9	78.0	137.6	40	57.9	41.1	81.0
Aroostook	81	81.6	64.8	102.6	48	108.2	79.4	146.4	33	60.3	41.3	87.0
Cumberland	231	78.7	68.8	89.9	120	94.1	77.9	113.6	111	66.5	54.5	80.9
Franklin	17	48.8	28.2	82.0	11	79.6	38.6	154.0	6	30.0	10.6	72.6
Hancock	45	67.0	48.8	91.5	18	65.0	38.1	107.7	27	73.5	48.3	110.4
Kennebec	110	80.7	66.3	98.2	57	98.8	74.5	130.5	53	69.3	51.8	92.3
Knox	41	73.7	52.7	102.3	28	117.8	78.0	175.4	13	39.4	20.7	71.8
Lincoln	25	52.1	33.6	79.6	15	67.0	37.1	116.5	10	38.6	18.2	76.4
Oxford	63	89.7	68.8	116.4	38	102.8	72.4	144.6	25	75.6	48.7	115.5
Penobscot	124	79.0	65.7	94.9	67	94.9	73.2	122.7	57	65.6	49.6	86.4
Piscataquis	20	81.0	49.2	130.0	~	~	~	~	~	~	~	~
Sagadahoc	29	74.9	49.8	111.1	13	79.2	41.2	144.8	16	73.2	41.3	125.0
Somerset	47	77.1	56.5	104.5	29	105.5	70.1	156.8	18	53.8	31.7	88.9
Waldo	31	70.7	47.7	103.4	16	82.2	46.1	141.4	15	64.0	35.5	111.2
Washington	40	89.0	63.4	123.8	23	113.0	71.3	175.6	17	66.8	38.5	112.2
York	153	69.1	58.6	81.5	87	91.3	72.8	114.2	66	54.2	41.8	69.9
Maine	1152	75.9	71.5	80.4	642	96.2	88.8	104.1	510	60.7	55.6	66.4

 County rates are significantly lower than the Maine rates.

 County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

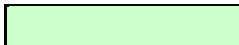
~: Count and rate based on 5 or fewer cases.


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**COLORECTAL CANCER INCIDENCE BY COUNTY, 2003**

	Both Sexes				Males				Females			
	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI
Androscoggin	50	40.7	30.1	54.8	28	55.1	36.4	82.1	22	30.2	18.6	48.1
Aroostook	61	64.0	48.8	83.6	34	78.8	54.3	113.2	27	53.7	34.8	81.4
Cumberland	135	44.9	37.6	53.6	68	55.4	42.9	71.3	67	38.0	29.4	49.1
Franklin	19	55.4	33.1	90.4	12	84.2	41.6	160.6	7	40.8	15.8	92.9
Hancock	46	67.1	49.1	91.3	27	92.5	60.2	139.8	19	51.2	30.6	83.5
Kennebec	69	49.7	38.6	63.8	38	62.2	43.7	87.7	31	39.2	26.4	57.4
Knox	26	46.5	30.2	70.4	12	51.1	26.2	94.8	14	43.6	23.4	77.7
Lincoln	37	72.6	51.0	102.5	18	80.8	47.5	133.7	19	63.3	37.6	103.8
Oxford	35	48.5	33.7	69.1	24	62.4	39.8	96.2	11	34.2	16.7	65.9
Penobscot	121	76.8	63.7	92.6	57	80.8	60.7	107.0	64	73.3	56.3	94.9
Piscataquis	10	44.2	20.5	88.5	~	~	~	~	~	~	~	~
Sagadahoc	21	54.3	33.3	86.4	10	51.5	24.0	102.7	11	51.8	25.4	99.2
Somerset	37	63.0	44.2	88.9	18	69.4	40.2	116.2	19	56.5	33.8	92.1
Waldo	13	29.4	15.4	53.4	~	~	~	~	~	~	~	~
Washington	36	82.3	57.2	117.2	20	104.1	62.9	168.1	16	67.3	37.5	116.5
York	123	55.7	46.2	66.9	63	64.8	49.5	84.3	60	49.1	37.4	64.2
Maine	839	55.3	51.6	59.3	442	67.3	61.1	74.2	397	46.4	41.9	51.3

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 County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

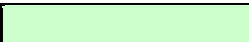
~: Count and rate based on 5 or fewer cases.


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CI: 95% Confidence Interval

### FEMALE BREAST CANCER INCIDENCE BY COUNTY, 2003

	Females			
	Count	AAR	Lower CI	Upper CI
Androscoggin	74	116.1	90.8	147.9
Aroostook	57	109.4	82.4	144.4
Cumberland	219	133.1	115.8	152.7
Franklin	18	101.6	59.2	169.2
Hancock	41	113.4	80.8	157.8
Kennebec	106	142.9	116.7	174.7
Knox	39	131.6	93.0	184.4
Lincoln	30	121.1	81.1	178.4
Oxford	42	130.0	93.1	180.2
Penobscot	113	130.6	107.5	158.4
Piscataquis	12	92.7	47.1	172.8
Sagadahoc	33	156.3	107.0	225.7
Somerset	40	123.4	87.9	171.8
Waldo	29	124.8	83.1	184.9
Washington	32	134.9	91.6	196.4
York	148	123.0	103.8	145.5
Maine	1033	126.3	118.6	134.4

 County rates are significantly lower than the Maine rates.

 County rates are significantly higher than the Maine rates.


Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.


AAR: Age Adjusted Rate

CI: 95% Confidence Interval

**PROSTATE CANCER INCIDENCE BY COUNTY, 2003**

	<b>Males</b>			
	<b>Count</b>	<b>AAR</b>	<b>Lower CI</b>	<b>Upper CI</b>
Androscoggin	88	172.0	137.7	214.4
Aroostook	72	164.7	128.5	210.3
Cumberland	186	144.0	123.9	167.3
Franklin	33	203.2	138.8	294.0
Hancock	50	157.9	116.8	212.2
Kennebec	83	136.8	108.7	171.7
Knox	29	119.9	80.0	177.1
Lincoln	34	144.6	99.6	207.4
Oxford	68	175.2	135.8	225.2
Penobscot	143	203.4	170.8	242.0
Piscataquis	19	165.5	98.7	270.3
Sagadahoc	21	118.1	72.1	188.9
Somerset	51	188.8	139.8	253.4
Waldo	32	154.4	104.7	225.0
Washington	35	171.4	118.9	244.6
York	128	126.4	105.1	151.8
Maine	1072	156.7	147.3	166.6

 County rates are significantly lower than the Maine rates.

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AAR: Age Adjusted Rate

CI: 95% Confidence Interval