

Erie County Cancer Incidence & Mortality, 2005-2007

Epidemiology

ERIE COUNTY DEPARTMENT OF HEALTH
Public Health Preparedness Division



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PUBLIC HEALTH
PREPAREDNESS
DIVISION

Erie County Cancer Incidence & Mortality, 2005-2007

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*“Our mission is to preserve, promote, and protect
the health, safety and well-being of the people and the environment in Erie County.”*

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ERIE COUNTY CANCER INCIDENCE, 2005-2007

Total Population				Male				Female			
Cancer Site/Type	# of Cases (%)	Erie Co. Rate	PA Rate	Cancer Site/Type	# of Cases (%)	Erie Co. Rate	PA Rate	Cancer Site/Type	# of Cases (%)	Erie Co. Rate	PA Rate
All Cancer Sites	4,513 (100.0)	481.3	503.0	All Cancer Sites	2,258 (100.0)	560.1	592.8	All Cancer Sites	2,255 (100.0)	436.8	446.2
Bronchus & Lung	678 (15.0)	71.2	70.4	Prostate	646 (28.6)	156.5	159.2	Breast	613 (27.2)	121.8	123.1
Prostate	646 (14.3)	156.5	159.2	Bronchus & Lung	345 (15.3)	86.7	90.7	Bronchus & Lung	333 (14.8)	62.1	57.0
Breast (Female)	613 (13.6)	121.8	123.1	Colon & Rectum	244 (10.8)	62.3	62.9	Colon & Rectum	217 (9.6)	39.6	46.8
Colon & Rectum	461 (10.2)	48.7	53.6	Urinary Bladder	153 (6.8)	40.1	45.4	Corpus & Uterus, NOS	156 (6.9)	30.3	30.1
Urinary Bladder	205 (4.5)	21.4	25.1	Non-Hodgkin Lymphoma	91 (4.0)	22.3	25.2	Non-Hodgkin Lymphoma	105 (4.7)	19.6	17.3
Non-Hodgkin Lymphoma	196 (4.3)	20.8	20.7	Kidney & Renal Pelvis	77 (3.4)	18.9	22.4	Thyroid	89 (3.9)	20.6	23.3
Corpus & Uterus, NOS	156 (3.5)	30.3	30.1	Melanoma	74 (3.3)	17.9	21.6	Ovary	74 (3.3)	14.5	13.6
Melanoma	140 (3.1)	15.6	17.7	Oral Cavity & Pharynx	73 (3.2)	17.5	16.1	Pancreas	69 (3.1)	11.9	11.0
Leukemia	117 (2.6)	12.7	12.6	Leukemia	67 (3.0)	17.1	16.6	Melanoma	66 (2.9)	14.2	15.5
Kidney & Renal Pelvis	117 (2.6)	12.7	16.4	Pancreas	48 (2.1)	11.7	14.5	Urinary Bladder	52 (2.3)	9.4	11.2
Pancreas	117 (2.6)	12.2	12.6	Esophagus	45 (2.0)	11.0	9.9	Leukemia	50 (2.2)	9.9	9.8
Thyroid	113 (2.5)	13.3	15.4	Stomach	39 (1.7)	9.7	10.5	Kidney & Renal Pelvis	40 (1.8)	7.9	11.7
Oral Cavity & Pharynx	103 (2.3)	10.9	10.6	Multiple Myeloma	35 (1.6)	8.5	7.0	Cervix Uteri	37 (1.6)	8.7	8.1
Ovary	74 (1.6)	14.5	13.6	Larynx	30 (1.3)	7.2	7.5	Oral Cavity & Pharynx	30 (1.3)	5.8	6.0
Stomach	62 (1.4)	6.6	7.1	Brain & Other Nervous System	28 (1.2)	6.7	8.5	Brain & Other Nervous System	28 (1.2)	5.3	6.1
Esophagus	59 (1.3)	6.2	5.5	Liver & Intrahepatic Bile Duct	27 (1.2)	6.2	10.1	Stomach	25 (1.1)	4.1	4.5
Brain & Other Nervous System	56 (1.2)	6.2	7.2	Thyroid	24 (1.1)	5.8	7.1	Hodgkin Lymphoma	20 (0.9)	4.2	3.0
Multiple Myeloma	51 (1.1)	5.4	5.6	Testis	23 (1.0)	5.7	6.0	Multiple Myeloma	16 (0.7)	2.7	4.5
Larynx	43 (1.0)	4.5	4.1	Hodgkin Lymphoma	18 (0.8)	4.3	3.5	Esophagus	14 (0.6)	2.5	2.1
Hodgkin Lymphoma	38 (0.8)	4.2	3.2	All Other Sites	170 (7.5)	NA	NA	Larynx	13 (0.6)	2.5	1.5
Cervix Uteri	37 (0.8)	8.7	8.1					Liver & Intrahepatic Bile Duct	8 (0.4)	**	2.7
Liver & Intrahepatic Bile Duct	35 (0.8)	3.6	6.0					All Other Sites	201 (8.9)	NA	NA
Testis	23 (0.5)	5.7	6.0								
All Other Sites	373 (8.3)	NA	NA								

Notes: Newly diagnosed cancer cases (primary invasive cancers and in situ urinary bladder cancers) in 2005-2007 were classified using the International Classification of Diseases for Oncology, Third Edition (ICD-O-3). The primary site and type groupings followed the site definitions used by the Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute. Incidence rates are per 100,000 population and were age-adjusted to the 2000 United States standard million population. All rate comparisons and determinations of statistically significant differences followed 95% confidence interval comparison methods for dependent and independent populations. Data were provided by the PA Cancer Registry and the Bureau of Health Statistics & Research, PA Department of Health, who disclaim responsibility for any of the content that appears in this report.

** = The number of cases is less than 10 and the corresponding rate is statistically unreliable
 NA = Not Available

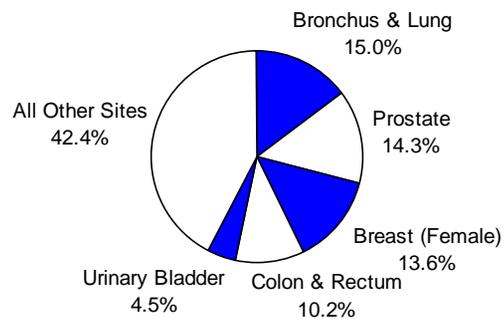
Blue = Significantly lower than the rate for PA

Red = Significantly higher than the rate for PA



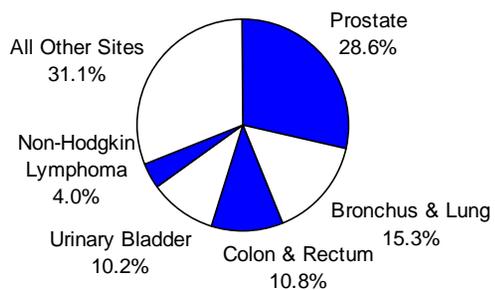
**Erie County New Cancer Cases, 2005-2007
Major Primary Sites for Total Population**

4,513 Cases



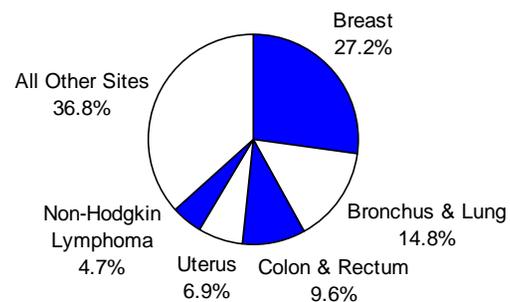
**Erie County New Cancer Cases, 2005-2007
Major Primary Sites for Male Population**

2,258 Cases



**Erie County New Cancer Cases, 2005-2007
Major Primary Sites for Female Population**

2,255 Cases



ERIE COUNTY CANCER MORTALITY, 2005-2007

Total Population				Male				Female			
Cancer Site/Type	# of Cases (%)	Erie Co. Rate	PA Rate	Cancer Site/Type	# of Cases (%)	Erie Co. Rate	PA Rate	Cancer Site/Type	# of Cases (%)	Erie Co. Rate	PA Rate
All Cancer Sites	1902 (100.0)	199.3	192.7	All Cancer Sites	972 (100.0)	253.6	244.1	All Cancer Sites	930 (100.0)	168.3	163.0
Bronchus & Lung	581 (30.5)	60.9	53.0	Bronchus & Lung	322 (33.1)	82.3	71.8	Bronchus & Lung	259 (27.8)	47.3	40.1
Colon & Rectum	170 (8.9)	17.9	19.1	Colon & Rectum	90 (9.3)	24.1	23.7	Breast	123 (13.2)	23.0	24.6
Pancreas	124 (6.5)	12.8	11.8	Prostate	88 (9.1)	24.3	26.4	Colon & Rectum	80 (8.6)	14.3	16.1
Breast (Female)	123 (6.5)	23.0	24.6	Pancreas	51 (5.2)	13.0	13.9	Pancreas	73 (7.8)	12.5	10.2
Prostate	88 (4.6)	24.3	26.4	Urinary Bladder	48 (4.9)	13.6	8.9	Ovary	62 (6.7)	11.3	9.4
Non-Hodgkin Lymphoma	75 (3.9)	7.9	7.5	Esophagus	42 (4.3)	10.0	9.6	Non-Hodgkin Lymphoma	38 (4.1)	6.7	5.9
Urinary Bladder	65 (3.4)	6.7	4.9	Non-Hodgkin Lymphoma	37 (3.8)	9.7	9.7	Leukemia	32 (3.4)	5.6	5.9
Ovary	62 (3.3)	11.3	9.4	Leukemia	27 (2.8)	7.6	10.2	Corpus & Uterus, NOS	22 (2.4)	3.9	5.1
Leukemia	59 (3.1)	6.2	7.6	Stomach	25 (2.6)	6.5	5.2	Kidney & Renal Pelvis	18 (1.9)	3.2	2.7
Esophagus	56 (2.9)	5.8	5.1	Brain & Other Nervous System	22 (2.3)	5.2	4.9	Urinary Bladder	17 (1.8)	2.9	2.5
Kidney & Renal Pelvis	39 (2.1)	4.1	4.1	Liver & Intrahepatic Bile Duct	22 (2.3)	5.1	7.4	Brain & Other Nervous System	16 (1.7)	2.9	3.3
Brain & Other Nervous System	38 (2.0)	4.1	4.0	Kidney & Renal Pelvis	21 (2.2)	5.3	6.1	Multiple Myeloma	15 (1.6)	2.5	2.9
Liver & Intrahepatic Bile Duct	37 (1.9)	3.9	4.9	Melanoma	18 (1.9)	5.0	4.4	Liver & Intrahepatic Bile Duct	15 (1.6)	2.9	4.9
Stomach	32 (1.7)	3.4	3.6	Multiple Myeloma	13 (1.3)	3.5	4.4	Esophagus	14 (1.5)	2.5	5.1
Melanoma	30 (1.6)	3.2	2.9	Oral Cavity & Pharynx	11 (1.1)	2.6	3.6	Cervix Uteri	12 (1.3)	2.4	2.3
Multiple Myeloma	28 (1.5)	2.9	3.5	Larynx	8 (0.8)	**	2.4	Melanoma	12 (1.3)	2.2	1.9
Corpus & Uterus, NOS	22 (1.2)	3.9	5.1	Hodgkin Lymphoma	6 (0.6)	**	0.7	Oral Cavity & Pharynx	8 (0.9)	**	1.3
Oral Cavity & Pharynx	19 (1.0)	2.0	2.3	Thyroid	3 (0.3)	**	0.5	Stomach	7 (0.8)	**	2.5
Larynx	12 (0.6)	1.2	1.3	Testis	2 (0.2)	**	0.3	Larynx	4 (0.4)	**	0.5
Cervix Uteri	12 (0.6)	2.4	2.3	All Other Sites	116 (11.9)	NA	NA	Hodgkin Lymphoma	3 (0.3)	**	0.4
Hodgkin Lymphoma	9 (0.5)	**	0.5					Thyroid	3 (0.3)	**	0.5
Thyroid	6 (0.3)	**	0.5					All Other Sites	97 (10.4)	NA	NA
Testis	2 (0.1)	**	0.3								
All Other Sites	213 (11.2)	NA	NA								

Notes: Underlying causes of death in 2005-2007 were classified according to the International Classification of Diseases, Tenth Edition (ICD-10). The primary site and type groupings followed the site definitions used by the Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute. Incidence rates are per 100,000 population and were age-adjusted to the 2000 United States standard million population. All rate comparisons and determinations of statistically significant differences followed 95% confidence interval comparison methods for dependent and independent populations. Data were provided by the PA Cancer Registry and the Bureau of Health Statistics & Research, PA Department of Health, who disclaim responsibility for any of the content that appears in this report.

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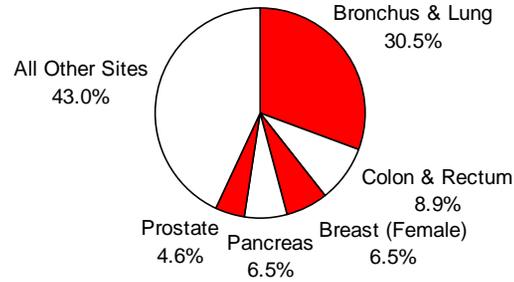
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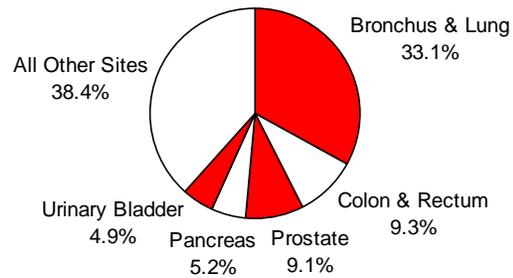
**Erie County Cancer Deaths, 2005-2007
Major Primary Sites for Total Population**

1,902 Deaths



**Erie County Cancer Deaths, 2005-2007
Major Primary Sites for Male Population**

972 Deaths



**Erie County Cancer Deaths, 2005-2007
Major Primary Sites for Female Population**

930 Deaths

