

Erie County Cancer Incidence & Mortality, 2004-2006

Epidemiology

ERIE COUNTY DEPARTMENT OF HEALTH
Public Health Preparedness Division



**ERIE COUNTY
DEPARTMENT OF HEALTH**

Mark A. DiVecchio, County Executive
Andrew J. Glass, M. S., FACHE, Director



PUBLIC HEALTH
PREPAREDNESS
DIVISION

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Jeff Quirk
Epidemiologist

July, 2009

Erie County Department of Health
606 West Second Street
Erie, PA 16507
Tel: (814) 451-6700
Fax: (814) 451-6767
Website: <http://www.ecdh.org>

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

ERIE COUNTY CANCER INCIDENCE, 2004-2006

Total Population			Male			Female		
Cancer Site/Type	Number of Cases (%)	Rate	Cancer Site/Type	Number of Cases (%)	Rate	Cancer Site/Type	Number of Cases (%)	Rate
All Cancer Sites	4,450 (100.0)	475.1	All Cancer Sites	2,261 (100.0)	559.9	All Cancer Sites	2,189 (100.0)	423.2
Bronchus & Lung	676 (15.2)	71.0	Prostate	591 (26.1)	144.4	Breast	595 (27.2)	119.1
Breast (Female)	595 (13.4)	119.1	Bronchus & Lung	361 (16.0)	89.9	Bronchus & Lung	315 (14.4)	58.7
Prostate	591 (13.3)	144.4	Colon & Rectum	238 (10.5)	61.3	Colon & Rectum	230 (10.5)	41.4
Colon & Rectum	468 (10.5)	49.1	Urinary Bladder	154 (6.8)	38.6	Corpus & Uterus, NOS	147 (6.7)	28.5
Urinary Bladder	206 (4.6)	21.5	Non-Hodgkin Lymphoma	91 (4.0)	22.1	Non-Hodgkin Lymphoma	97 (4.4)	18.1
Non-Hodgkin Lymphoma	188 (4.2)	20.1	Kidney & Renal Pelvis	81 (3.6)	19.7	Thyroid	77 (3.5)	17.8
Corpus & Uterus, NOS	147 (3.3)	28.5	Oral Cavity & Pharynx	79 (3.5)	18.6	Ovary	70 (3.2)	14.0
Melanoma	134 (3.0)	14.9	Leukemia	77 (3.4)	19.5	Pancreas	65 (3.0)	11.2
Leukemia	123 (2.8)	13.3	Melanoma	72 (3.2)	17.6	Melanoma	62 (2.8)	13.0
Kidney & Renal Pelvis	122 (2.7)	13.2	Esophagus	48 (2.1)	11.8	Urinary Bladder	52 (2.4)	9.5
Pancreas	112 (2.5)	11.7	Pancreas	47 (2.1)	11.0	Leukemia	46 (2.1)	8.9
Oral Cavity & Pharynx	106 (2.4)	11.3	Stomach	37 (1.6)	9.2	Kidney & Renal Pelvis	41 (1.9)	8.0
Thyroid	96 (2.2)	11.2	Larynx	35 (1.5)	8.6	Brain & Other Nervous System	28 (1.3)	5.5
Ovary	70 (1.6)	14.0	Liver & Intrahepatic Bile Duct	32 (1.4)	7.5	Cervix Uteri	28 (1.3)	6.8
Esophagus	60 (1.3)	6.2	Brain & Other Nervous System	29 (1.3)	6.9	Oral Cavity & Pharynx	27 (1.2)	5.1
Stomach	58 (1.3)	6.1	Multiple Myeloma	26 (1.1)	6.3	Stomach	21 (1.0)	3.6
Brain & Other Nervous System	57 (1.3)	6.3	Testis	26 (1.1)	6.3	Larynx	19 (0.9)	**
Larynx	54 (1.2)	5.7	Hodgkin Lymphoma	20 (0.9)	4.9	Multiple Myeloma	18 (0.8)	**
Multiple Myeloma	44 (1.0)	4.5	Thyroid	19 (0.8)	**	Hodgkin Lymphoma	16 (0.7)	**
Liver & Intrahepatic Bile Duct	42 (0.9)	4.4	All Other Sites	198 (8.8)	NA	Esophagus	12 (0.5)	**
Hodgkin Lymphoma	36 (0.8)	4.2				Liver & Intrahepatic Bile Duct	10 (0.5)	**
Cervix Uteri	28 (0.6)	6.8				All Other Sites	213 (9.7)	NA
Testis	26 (0.6)	6.3						
All Other Sites	411 (9.2)	NA						

Notes: Newly diagnosed cancer cases (primary invasive cancers and in situ urinary bladder cancers) in 2004-2006 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 20 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 CANCER MORTALITY, 2004-2006

Total Population			Male			Female		
Cancer Site/Type	Number of Cases (%)	Rate	Cancer Site/Type	Number of Cases (%)	Rate	Cancer Site/Type	Number of Cases (%)	Rate
All Cancer Sites	1,904 (100.0)	198.8	All Cancer Sites	960 (100.0)	247.8	All Cancer Sites	944 (100.0)	169.8
Bronchus & Lung	581 (30.5)	60.8	Bronchus & Lung	329 (34.2)	82.8	Bronchus & Lung	252 (26.7)	46.2
Colon & Rectum	161 (8.5)	16.8	Prostate	94 (9.8)	26.3	Breast	127 (13.5)	23.8
Breast (Female)	127 (6.7)	23.8	Colon & Rectum	81 (8.4)	21.0	Colon & Rectum	80 (8.5)	14.2
Pancreas	115 (6.0)	11.9	Pancreas	52 (5.4)	12.7	Ovary	64 (6.8)	11.8
Prostate	94 (4.9)	26.3	Non-Hodgkin Lymphoma	44 (4.6)	11.4	Pancreas	63 (6.7)	10.7
Non-Hodgkin Lymphoma	87 (4.6)	9.0	Esophagus	42 (4.4)	10.3	Non-Hodgkin Lymphoma	43 (4.6)	7.4
Ovary	64 (3.4)	11.8	Urinary Bladder	39 (4.1)	10.8	Leukemia	31 (3.3)	5.5
Leukemia	60 (3.2)	6.3	Leukemia	29 (3.0)	7.7	Kidney & Renal Pelvis	23 (2.4)	4.0
Urinary Bladder	55 (2.9)	5.6	Liver & Intrahepatic Bile Duct	25 (2.6)	5.9	Corpus & Uterus, NOS	22 (2.3)	3.9
Esophagus	52 (2.7)	5.4	Stomach	22 (2.3)	5.7	Urinary Bladder	16 (1.7)	**
Kidney & Renal Pelvis	41 (2.2)	4.3	Kidney & Renal Pelvis	18 (1.9)	**	Brain & Other Nervous System	15 (1.6)	**
Liver & Intrahepatic Bile Duct	39 (2.0)	4.1	Melanoma	17 (1.8)	**	Oral Cavity & Pharynx	14 (1.5)	**
Brain & Other Nervous System	31 (1.6)	3.3	Brain & Other Nervous System	16 (1.7)	**	Liver & Intrahepatic Bile Duct	14 (1.5)	**
Stomach	31 (1.6)	3.2	Multiple Myeloma	14 (1.5)	**	Multiple Myeloma	13 (1.4)	**
Melanoma	30 (1.6)	3.2	Larynx	9 (0.9)	**	Melanoma	13 (1.4)	**
Multiple Myeloma	27 (1.4)	2.8	Oral Cavity & Pharynx	7 (0.7)	**	Cervix Uteri	12 (1.3)	**
Corpus & Uterus, NOS	22 (1.2)	3.9	Thyroid	6 (0.6)	**	Esophagus	10 (1.1)	**
Oral Cavity & Pharynx	21 (1.1)	2.2	Hodgkin Lymphoma	3 (0.3)	**	Stomach	9 (1.0)	**
Cervix Uteri	12 (0.6)	**	Testis	3 (0.3)	**	Thyroid	3 (0.3)	**
Larynx	10 (0.5)	**	All Other Sites	110 (11.5)	NA	Larynx	1 (0.1)	**
Thyroid	9 (0.5)	**				Hodgkin Lymphoma	1 (0.1)	**
Hodgkin Lymphoma	4 (0.2)	**				All Other Sites	118 (12.5)	NA
Testis	3 (0.2)	**						
All Other Sites	228 (12.0)	NA						

Notes: Underlying causes of death in 2004-2006 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. Mortality 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 Bureau of Health Statistics & Research, PA Department of Health, who disclaims responsibility for any of the content that appears in this report.

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