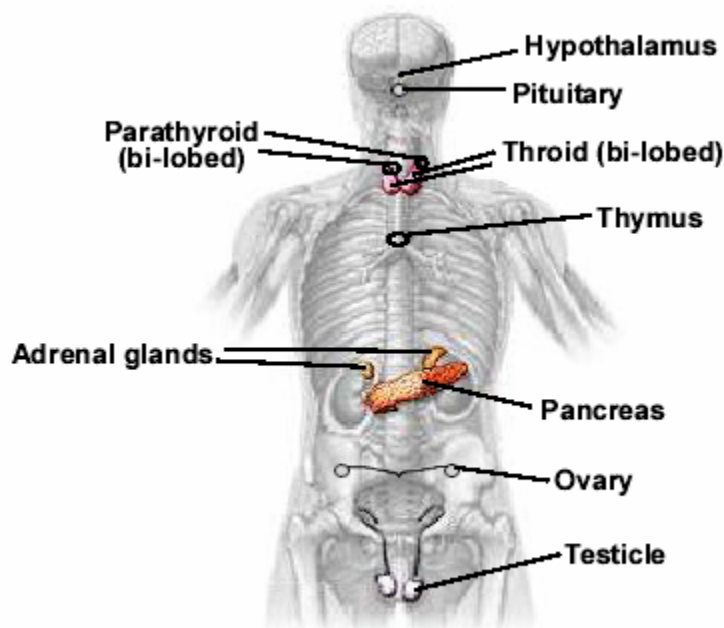


PANCREATIC CANCER

PANCREATIC CANCER

GENERAL PROFILE⁴

Figure 153. Anatomy of the Endocrine System⁵



General Anatomy: The pancreas is a gland located deep in the abdomen between the stomach and the spine (backbone). The pancreas is about 6 inches long and is shaped like a flat pear. The pancreas makes insulin and other hormones that travel throughout the body to help the body use or store the energy that comes from food.

Risk Factors: Age, smoking, diabetes, being male, being African American, family history of pancreatic cancer, and Chronic pancreatitis.

Signs and Symptoms: Pancreatic cancer is sometimes called a "silent disease" because early pancreatic cancer often does not cause symptoms. But, as the cancer grows, symptoms may include: Pain in the upper abdomen or upper back, yellow skin and eyes, and dark urine from jaundice, weakness, loss of appetite, nausea and vomiting, and weight loss.

Diagnosing the Cancer: Physical exam, blood, stool and urine tests (Bilirubin levels), computed tomography (CAT) scan, ultrasonography (Transabdominal, Endoscopic), endoscopic retrograde cholangiopancreatography (ERCP), percutaneous transhepatic cholangiography (PTC), and fine-needle aspiration.

Treatment: Surgery (Whipple procedure, Distal pancreatectomy, Total pancreatectomy, bypass), radiation therapy, and chemotherapy.

HIGHLIGHTS

- Nevadan females had a higher ratio (1.06) than males (1.01) when the incidence and mortality age-adjusted rates for Pancreatic Cancer were compared. For every female death due to this type of cancer there were 1.06 female cases while there were 1.01 male cases for every male Pancreatic Cancer death in Nevada from 2000 to 2004.
- The median age at diagnosis of Pancreatic Cancer for Nevada residents was 69 years of age from 2000 to 2004. For females the median age was 72 years, while for males it was 67 years. The median age at time of death due to Pancreatic Cancer was 71 years for Nevada overall, 69 years of age for males and 73 years of age for females.

INCIDENCE

- There were 1,075 cases of Pancreatic Cancer reported in Nevada from 2000 to 2004. Nevada's age-adjusted incidence rate for Pancreatic Cancer (10.6) was only slightly lower than the national rate of 11.4 (per 100,000 – 2000 US Standard population) from 2000 to 2004.
- While regional comparisons showed only slight variations between the age-adjusted incidence rates of Pancreatic Cancer for Washoe County (11.4), Clark County (10.7) and All Other Counties (9.3) from 2000 to 2004, statistical analysis shows no statistically significant difference between the three regions.
- The age-adjusted incidence rate for male Pancreatic Cancer, 11.5 (10.5-12.6), was higher, although not statistically significant, over the female rate of 9.8 (9.0-10.7), per 100,000 – 2000 US Standard population, during the 2000 to 2004 period.
- Blacks had the highest age-adjusted incidence rate, 14.7, for Pancreatic Cancer of all racial/ethnic groups and were followed by Whites, Hispanics and Asians with rates of 11.0, 7.0 and 7.4 (per 100,000 – 2000 US Standard population), respectively, during the 2000 to 2004 period.

INPATIENT HOSPITAL DISCHARGES

- Billed charges from Pancreatic Cancer inpatient hospital discharges accounted for approximately 46.1 million dollars from 2000 to 2004. Nevadans in the 55-64, 65-74 and 75-84 age groups accounted for 76.4% of the total billed charges during this period. The overall daily billed amount for these discharges was approximately \$5,717 in Nevada during this period.
- There were 848 hospital inpatient discharges for a primary diagnosis of Pancreatic Cancer to Nevada residents from 2000 to 2004. Regional comparisons showed little difference between the age-adjusted inpatient discharge rates between Washoe County (9.8), Clark County (8.2) and All Other Counties (7.1 per 100,000 – 2000 US Standard population).

- The median total billed charges in Nevada for inpatient discharges due to Cancer of the Pancreas were \$30,150 during the 2000 to 2004 period.

MORTALITY

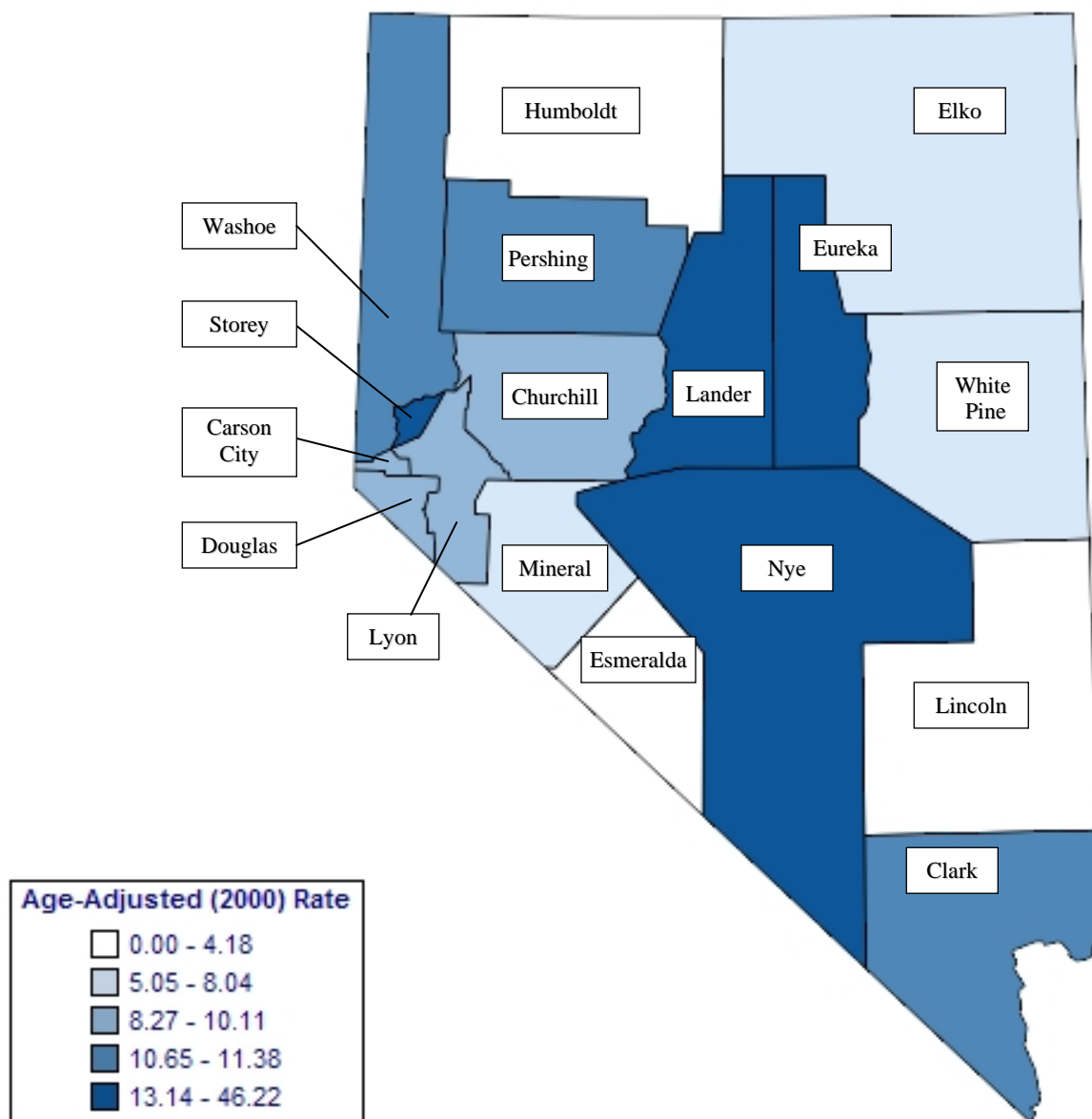
- There were 1,017 resident Pancreatic Cancer deaths from 2000 to 2004. Regional comparisons found no statistical differences between the three regions where All Other Counties, Washoe County and Clark County had rates of 10.5, 10.4 and 10.1 (per 100,000 – 2000 US Standard population), respectively.
- Blacks, as a racial/ethnic group, had the highest age-adjusted mortality rate for Pancreatic Cancer of any racial/ethnic group, 14.1, and were followed by Whites, Hispanics and Asians with rates of 10.4, 8.3 and 7.1, (per 100,000 – 2000 US Standard population) respectively, from 2000 to 2004.

SURVIVAL RATE

- Males in Nevada had a slightly higher one-year survival rate (23.2%) than females (23.2%) for Pancreatic during the 2000 to 2004 period and this difference slightly increased for the five-year survival rate with males and females at 9.7% and 8.7%, respectively.
- The one-year survival rate for those diagnosed with Pancreatic Cancer at the regional stage was 37.8%, while those diagnosed at the distant and unstaged stages had rates of 12.2% and 23.5%, respectively, during the 2000 to 2004 period.
- From 2000 to 2004, the median survival time for Pancreatic Cancer overall was 0.65 years. Those diagnosed at the localized, regional, distant and unstaged levels had median survival times of 0.77, 0.80, 0.57, and 0.65 years, respectively.

INCIDENCE

Figure 154. Pancreatic Cancer Age-Adjusted (2000) Incidence Rates, Nevada Residents, 2000-2004



Note: Rates are per 100,000 population and age-adjusted to 2000 US Standard population. Caution should be used when interpreting rates based upon small numbers. See Technical Notes for more information.

Figure 155. Pancreatic Cancer Age-Adjusted Incidence Rates by County/Region of Residence, Nevada Residents, 2000-2004

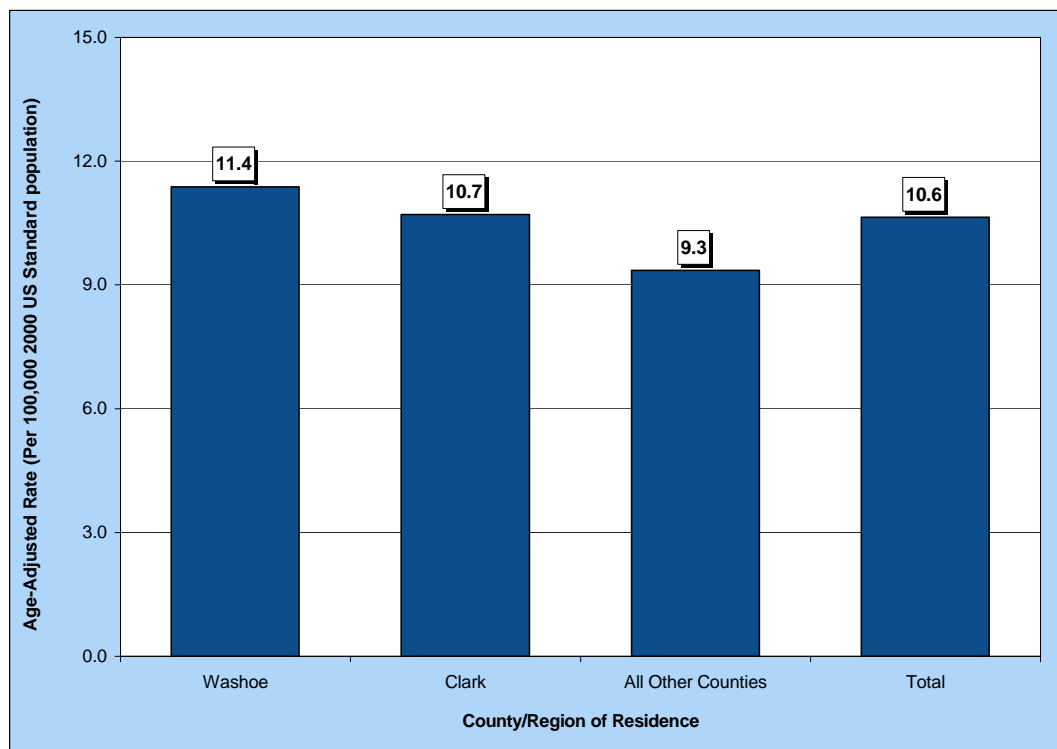


Figure 156. Pancreatic Cancer Age-Adjusted Incidence Rates by Race/Ethnicity, Nevada Residents, 2000-2004

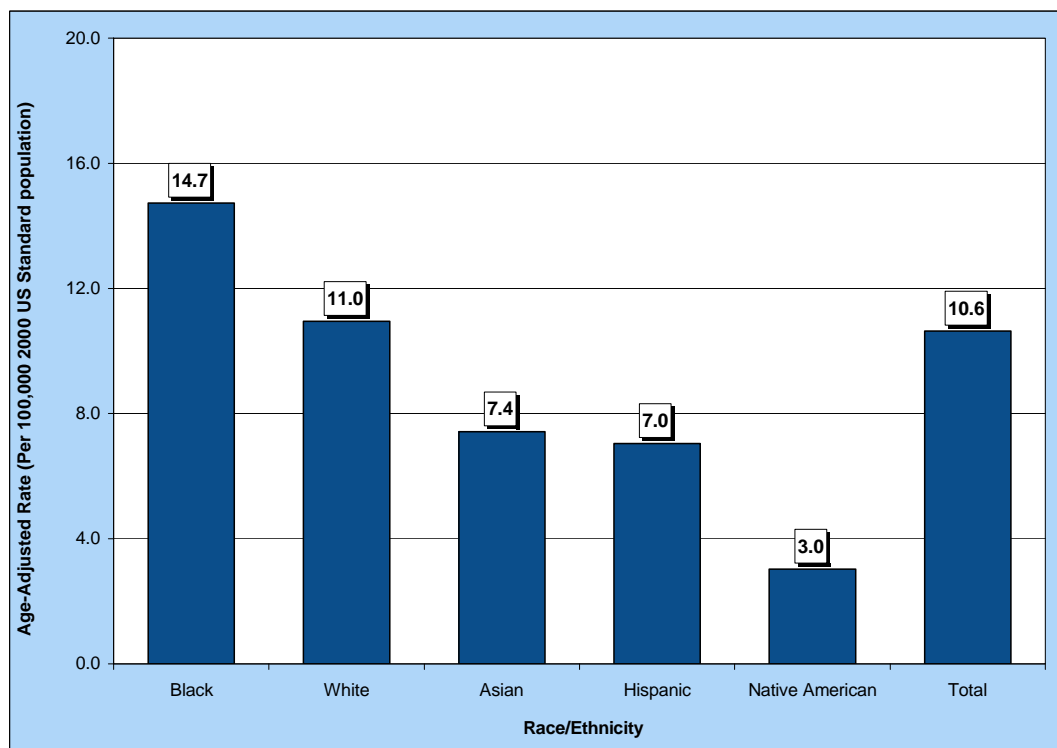


Table 234. Pancreatic Cancer Cases by Gender, Race/Ethnicity and County/Region of Residence at Diagnosis, Nevada Residents (2000-2004) and SEER-17 (2000-2004)

Category	County/Region of Residence					SEER 17 (2000-2004)
	Nevada Total	Clark	Washoe	All Other Counties	Unknown	
Total						
Cases	1,075	746	181	147	1	39,881
Rate*	10.6	10.7	11.4	9.3	---	11.4
95% C.I.	(10.0-11.3)	(9.9-11.5)	(9.8-13.2)	(7.9-11.1)	---	(11.2-11.5)
Gender						
Male	552	394	85	73	0	19,553
Rate*	11.5	11.8	11.7	9.7	---	12.9
95% C.I.	(10.5-12.6)	(10.6-13.1)	(9.2-14.8)	(7.5-12.5)	---	(12.7-13.1)
Female	522	352	95	74	1	20,328
Rate*	9.8	9.7	11.1	9.0	---	10.1
95% C.I.	(9.0-10.7)	(8.7-10.8)	(8.9-13.5)	(7.1-11.4)	---	(10.0-10.2)
Other/Unknown	1	0	1	0	0	0
Race/Ethnicity						
White	907	606	160	140	1	32,883
Rate*	11.0	11.1	11.6	9.7	---	11.2
95% C.I.	(10.2-11.7)	(10.2-12.0)	(9.9-13.6)	(8.2-11.6)	---	(11.1-11.3)
Black	76	69	7	0	0	4,280
Rate*	14.7	14.2	---	---	---	15.0
95% C.I.	(11.4-19.0)	(10.9-18.6)	---	---	---	(14.6-15.5)
Native American	3	1	0	2	0	198
Rate*	---	---	---	---	---	6.9
95% C.I.	---	---	---	---	---	(6.0-6.0)
Asian	33	27	5	1	0	2,409
Rate*	7.4	8.1	---	---	---	9.0
95% C.I.	(4.6-12.1)	(4.7-14.3)	---	---	---	(8.7-9.4)
Hispanic	51	38	9	4	0	3,403
Rate*	7.0	6.5	---	---	---	10.5
95% C.I.	(4.9-10.2)	(4.3-10.1)	---	---	---	(10.1-10.9)
Other/Unknown	5	5	0	0	0	111

* Rates are per 100,000 population and are age-adjusted to the 2000 US Standard population.

Note: The "---" is used for rates calculated on numbers less than ten and SEER numbers less than five. Caution should be used when comparing rates for racial/ethnic groups to the national (SEER) rates. See Technical Notes for more information.

Table 235. Pancreatic Cancer Cases by Age Group and County/Region of Residence at Diagnosis, Nevada Residents (2000-2004) and SEER-17 (2000-2004)

Category	County/Region of Residence					SEER 17 (2000-2004)
	Nevada Total	Clark	Washoe	All Other Counties	Unknown	
Total						
Cases	1,075	746	181	147	1	39,881
Rate*	10.6	10.7	11.4	9.3	---	11.4
95% C.I.	(10.0-11.3)	(9.9-11.5)	(9.8-13.2)	(7.9-11.1)	---	(11.2-11.5)
Age Group						
<1	0	0	0	0	0	1
Rate*	---	---	---	---	---	0.0
95% C.I.	---	---	---	---	---	(0.0-0.1)
1-4	0	0	0	0	0	2
Rate*	---	---	---	---	---	0.0
95% C.I.	---	---	---	---	---	(0.0-0.0)
5-14	0	0	0	0	0	6
Rate*	---	---	---	---	---	0.0
95% C.I.	---	---	---	---	---	(0.0-0.0)
15-24	2	2	0	0	0	29
Rate*	---	---	---	---	---	0.1
95% C.I.	---	---	---	---	---	(0.0-0.1)
25-34	6	4	1	1	0	157
Rate*	---	---	---	---	---	0.3
95% C.I.	---	---	---	---	---	(0.3-0.3)
35-44	29	16	9	4	0	1,004
Rate*	1.7	1.3	---	---	---	1.7
95% C.I.	(1.08-2.32)	(0.68-1.98)	---	---	---	(1.6-1.8)
45-54	119	83	23	13	0	3,848
Rate*	8.0	8.2	8.8	5.8	---	7.4
95% C.I.	(6.54-9.40)	(6.46-10.01)	(5.19-12.36)	(2.66-8.98)	---	(7.2-7.7)
55-64	243	166	42	35	0	7,234
Rate*	22.3	22.1	24.2	21.0	---	22.0
95% C.I.	(19.46-25.06)	(18.73-25.45)	(16.87-31.49)	(14.06-28.00)	---	(21.5-22.5)
65-74	310	233	37	39	1	10,852
Rate*	43.3	47.1	34.7	33.8	---	49.8
95% C.I.	(38.43-48.06)	(41.05-53.14)	(23.54-45.92)	(23.15-44.34)	---	(48.9-50.7)
75-84	287	200	50	37	0	11,840
Rate*	69.8	71.5	79.0	54.5	---	76.9
95% C.I.	(61.75-77.91)	(61.57-81.38)	(57.07-100.85)	(36.96-72.09)	---	(75.5-78.3)
85+	79	42	19	18	0	4,908
Rate*	83.2	69.0	108.8	107.9	---	88.8
95% C.I.	(64.81-101.48)	(48.13-89.86)	(59.90-157.77)	(58.07-157.80)	---	(86.4-91.3)
Unknown	0	0	0	0	0	0

* Rates are per 100,000 age-specific population.

Note: The "----" is used for rates calculated on numbers less than ten and SEER numbers less than five. See Technical Notes for more information.

Table 236. Pancreatic Cancer Cases by County of Residence at Diagnosis, Nevada Residents, 2000-2004

County of Residence at Diagnosis	2000-2004 Incidence				
	Cases	Rate*		Age-Adjusted Rate**	
		Rate	95% C.I.	Rate	95% C.I.
Carson City	25	9.8	(5.9-13.6)	8.3	(5.3-12.3)
Churchill	10	8.0	(3.0-13.0)	8.7	(4.1-16.5)
Clark	746	9.7	(9.0-10.4)	10.7	(9.9-11.5)
Douglas	23	10.4	(6.1-14.6)	10.0	(6.2-15.5)
Elko	14	6.1	(2.9-9.3)	8.0	(3.9-15.9)
Esmeralda	0	---	---	---	---
Eureka	2	---	---	---	---
Humboldt	3	---	---	---	---
Lander	3	---	---	---	---
Lincoln	0	---	---	---	---
Lyon	22	11.2	(6.5-15.9)	10.1	(6.3-15.7)
Mineral	2	---	---	---	---
Nye	33	18.7	(12.3-25.1)	13.1	(8.8-19.6)
Pershing	3	---	---	---	---
Storey	3	---	---	---	---
Washoe	181	10.1	(8.6-11.6)	11.4	(9.8-13.2)
White Pine	4	---	---	---	---
Unknown	1	---	---	---	---
Total	1,075	9.8	(9.2-10.4)	10.6	(10.0-11.3)

Note: The "---" is used for rates calculated on numbers less than ten. *Rates are per 100,000 population. **Rates are per 100,000 population and are age-adjusted to the 2000 US Standard population.

Table 237. Pancreatic Cancer Cases by Race/Ethnicity and Gender, Nevada Residents, 2000-2004

Race/Ethnicity		Gender			
		Male	Female	Other/Unknown	Total
White	Incidence	469	437	1	907
	Rate*	11.8	10.1	---	11.0
	95% C.I.	(10.7-13.0)	(9.1-11.1)	---	(10.2-11.7)
Black	Incidence	37	39	0	76
	Rate*	14.3	14.9	---	14.7
	95% C.I.	(9.6-22.1)	(10.5-20.9)	---	(11.4-19.0)
Native American	Incidence	3	0	0	3
	Rate*	---	---	---	---
	95% C.I.	---	---	---	---
Asian	Incidence	14	19	0	33
	Rate*	7.4	7.5	---	7.4
	95% C.I.	(3.2-16.9)	(4.0-14.3)	---	(4.6-12.1)
Hispanic	Incidence	28	23	0	51
	Rate*	9.6	5.6	---	7.0
	95% C.I.	(5.2-17.1)	(3.3-9.3)	---	(4.9-10.2)
Other/Unknown	Incidence	1	4	0	5
	Rate*	---	---	---	---
	95% C.I.	---	---	---	---
Total	Incidence	552	522	1	1,075
	Rate*	11.5	9.8	---	10.6
	95% C.I.	(10.5-12.6)	(9.0-10.7)	---	(10.0-11.3)

Note: The "---" is used for rates calculated on numbers less than ten. *Rates are per 100,000 population and are age-adjusted to the 2000 US Standard population.

Table 238. Pancreatic Cancer Cases by Age Group and Gender, Nevada Residents, 2000-2004

Age Group	Gender			
	Male	Female	Unknown	Total
<1	0	0	0	0
Rate*	---	---	---	---
95% C.I.	---	---	---	---
1-4	0	0	0	0
Rate*	---	---	---	---
95% C.I.	---	---	---	---
5-14	0	0	0	0
Rate*	---	---	---	---
95% C.I.	---	---	---	---
15-24	2	0	0	2
Rate*	---	---	---	---
95% C.I.	---	---	---	---
25-34	3	3	0	6
Rate*	---	---	---	---
95% C.I.	---	---	---	---
35-44	14	15	0	29
Rate*	1.58	1.83	---	1.70
95% C.I.	(0.75-2.41)	(0.90-2.76)	---	(1.08-2.32)
45-54	81	38	0	119
Rate*	10.70	5.16	---	7.97
95% C.I.	(8.37-13.03)	(3.52-6.80)	---	(6.54-9.40)
55-64	128	114	1	243
Rate*	23.78	20.60	---	22.26
95% C.I.	(19.66-27.90)	(16.82-24.38)	---	(19.46-25.06)
65-74	165	145	0	310
Rate*	46.70	39.89	---	43.25
95% C.I.	(39.57-53.83)	(33.40-46.38)	---	(38.43-48.06)
75-84	131	156	0	287
Rate*	70.56	69.23	---	69.83
95% C.I.	(58.47-82.64)	(58.37-80.10)	---	(61.75-77.91)
85+	28	51	0	79
Rate*	88.14	80.64	---	83.15
95% C.I.	(55.49-120.79)	(58.51-102.77)	---	(64.81-101.48)
Unknown	0	0	0	0
Total	552	522	1	1,075
Rate*	9.93	9.70	---	9.83
95% C.I.	(9.1-10.8)	(8.9-10.5)	---	(9.2-10.4)

* Rates are per 100,000 age-specific population.

Note: The "---" is used for rates calculated on numbers less than ten.

Table 239. Pancreatic Cancer Cases by Age Group and Stage, Nevada Residents, 2000-2004

Age Group		Stage					Total
		In situ	Localized	Regional	Distant	Unstaged	
<1	Number	---	0	0	0	0	0
	Percent	---	---	---	---	---	---
1-4	Number	---	0	0	0	0	0
	Percent	---	---	---	---	---	---
5-14	Number	---	0	0	0	0	0
	Percent	---	---	---	---	---	---
15-24	Number	---	0	1	1	0	2
	Percent	---	---	50.0%	50.0%	---	100.0%
25-34	Number	---	0	1	2	3	6
	Percent	---	---	16.7%	33.3%	50.0%	100.0%
35-44	Number	---	0	8	12	9	29
	Percent	---	---	27.6%	41.4%	31.0%	100.0%
45-54	Number	---	9	35	44	31	119
	Percent	---	7.6%	29.4%	37.0%	26.1%	100.0%
55-64	Number	---	8	55	94	86	243
	Percent	---	3.3%	22.6%	38.7%	35.4%	100.0%
65-74	Number	---	21	66	117	106	310
	Percent	---	6.8%	21.3%	37.7%	34.2%	100.0%
75-84	Number	---	24	35	84	144	287
	Percent	---	8.4%	12.2%	29.3%	50.2%	100.0%
85+	Number	---	9	9	22	39	79
	Percent	---	11.4%	11.4%	27.8%	49.4%	100.0%
Unknown	Number	---	0	0	0	0	0
	Percent	---	---	---	---	---	---
Total	Number	---	71	210	376	418	1,075
	Percent	---	6.6%	19.5%	35.0%	38.9%	100.0%

Table 240. Pancreatic Cancer Cases by Stage and Race/Ethnicity, Nevada Residents, 2000-2004

Stage		Race/Ethnicity						Total
		White	Black	Native American	Asian	Hispanic	Other/Unknown	
In situ	Number	---	---	---	---	---	---	---
	Percent	---	---	---	---	---	---	---
Localized	Number	67	2	0	0	2	0	71
	Percent	7.4%	2.6%	---	---	3.9%	---	6.6%
Regional	Number	173	13	1	10	13	0	210
	Percent	19.1%	17.1%	33.3%	30.3%	25.5%	---	19.5%
Distant	Number	307	32	0	13	20	4	376
	Percent	33.8%	42.1%	---	39.4%	39.2%	80.0%	35.0%
Unstaged	Number	360	29	2	10	16	1	418
	Percent	39.7%	38.2%	66.7%	30.3%	31.4%	20.0%	38.9%
Total	Number	907	76	3	33	51	5	1,075
	Percent	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

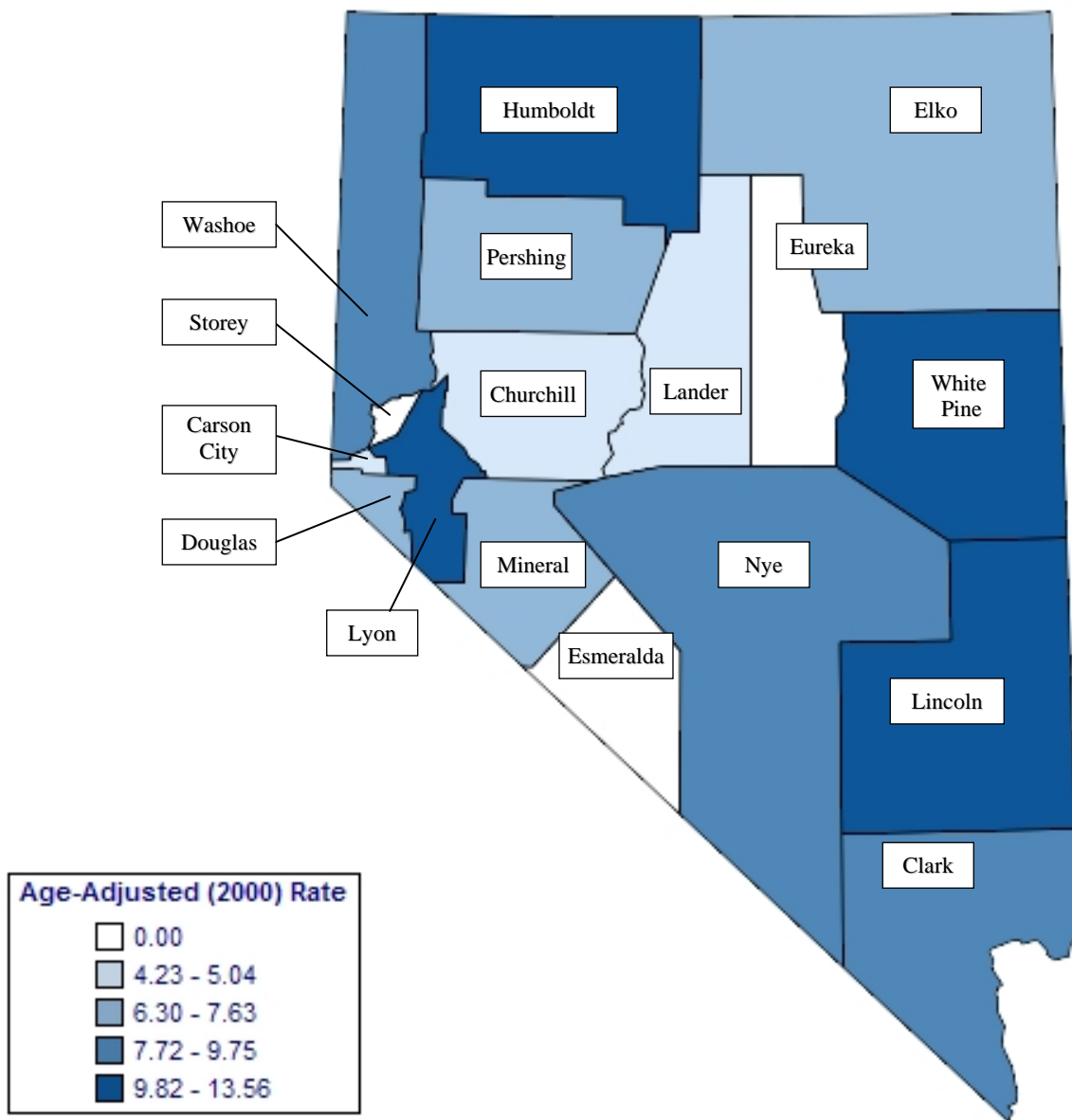
Table 241. Median Age at Diagnosis of Pancreatic Cancer by Race/Ethnicity and Gender, Nevada Residents, 2000-2004

Race/Ethnicity	Gender					
	Male		Female		Total	
	Cases	Median Age	Cases	Median Age	Cases	Median Age
White	469	68.0	437	72.0	906	70.0
Black	37	62.0	39	68.0	76	66.5
Native American	3	---	0	---	3	---
Asian	14	58.5	19	66.0	33	65.0
Hispanic	28	61.0	23	63.0	51	62.0
Other/Unknown	1	---	4	---	5	57.0
Total	552	67.0	522	72.0	1,074	69.0

Note: Those cases of other/unknown gender and/or unknown ages are not included in this table. The median age was not calculated for those numbers less than five.

INPATIENT HOSPITAL DISCHARGES

Figure 157. Pancreatic Cancer Age-Adjusted (2000) Inpatient Discharge Rates, Nevada Residents, 2000-2004



Note: Rates are per 100,000 population and age-adjusted to 2000 US Standard population. Caution should be used when interpreting rates based upon small numbers and comparing inpatient hospital discharge rates to other data sources, because it is occurrence based data. See Technical Notes for more information.

Figure 158. Pancreatic Cancer Age-Adjusted Inpatient Discharge Rates by County/Region of Residence, Nevada Residents, 2000-2004

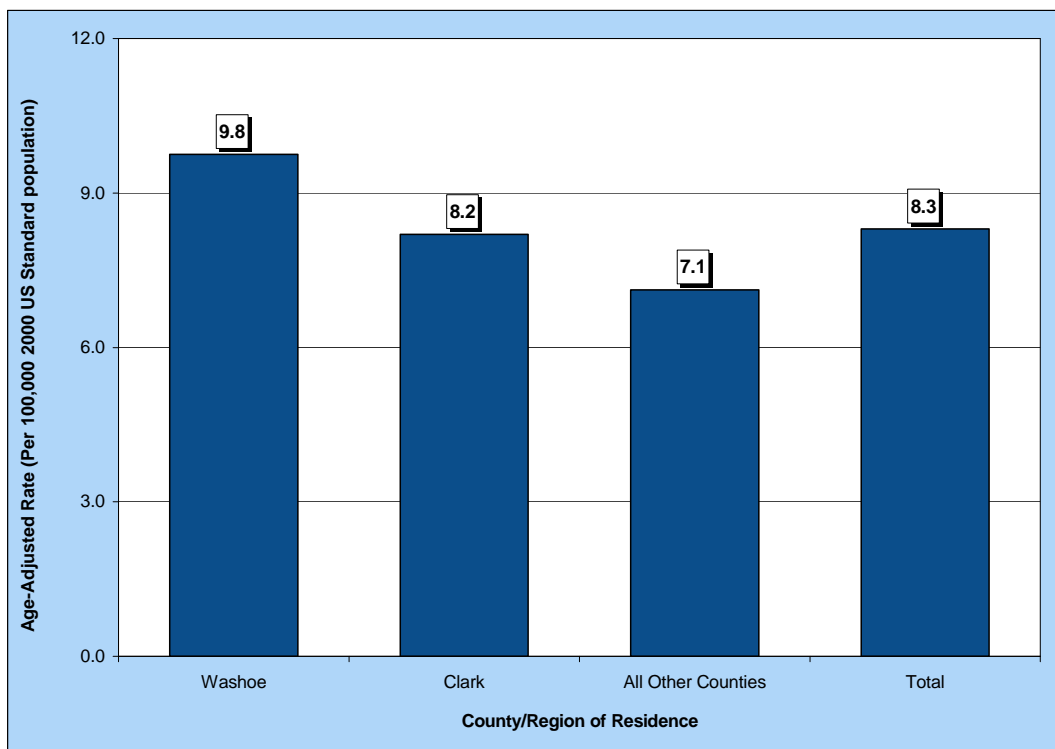


Figure 159. Median Charges for Pancreatic Cancer Inpatient Discharges by County/Region of Residence, Nevada Residents, 2000-2004

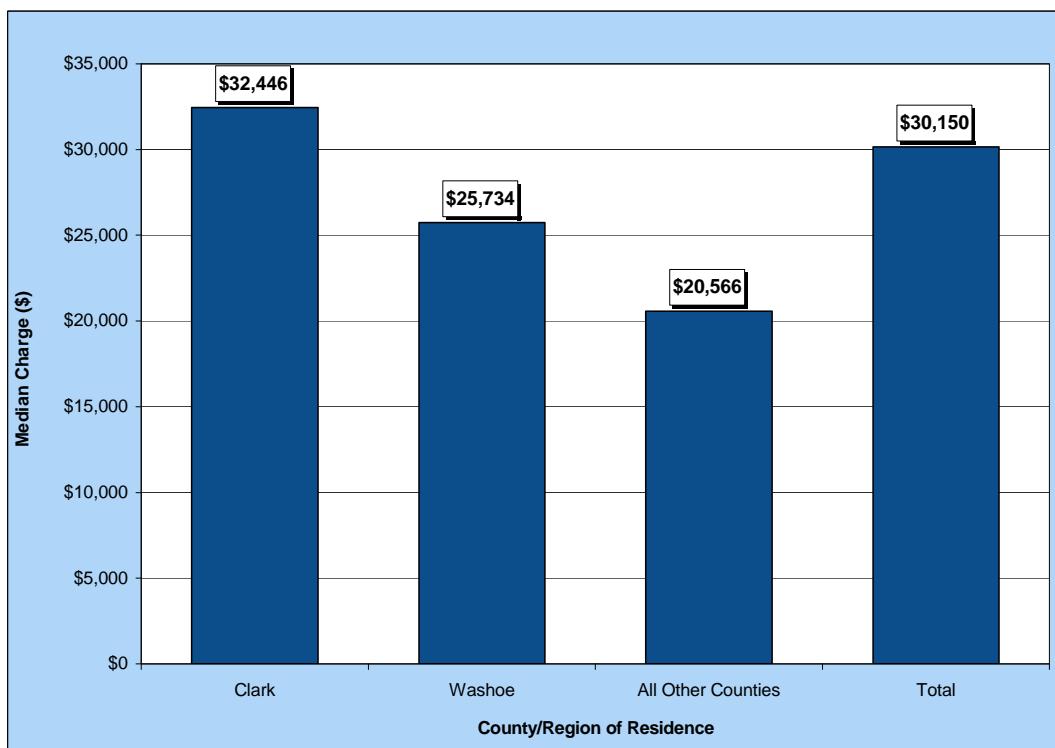


Figure 160. Average Length of Stay for Pancreatic Cancer Inpatient Discharges by County/Region of Residence, Nevada Residents, 2000-2004

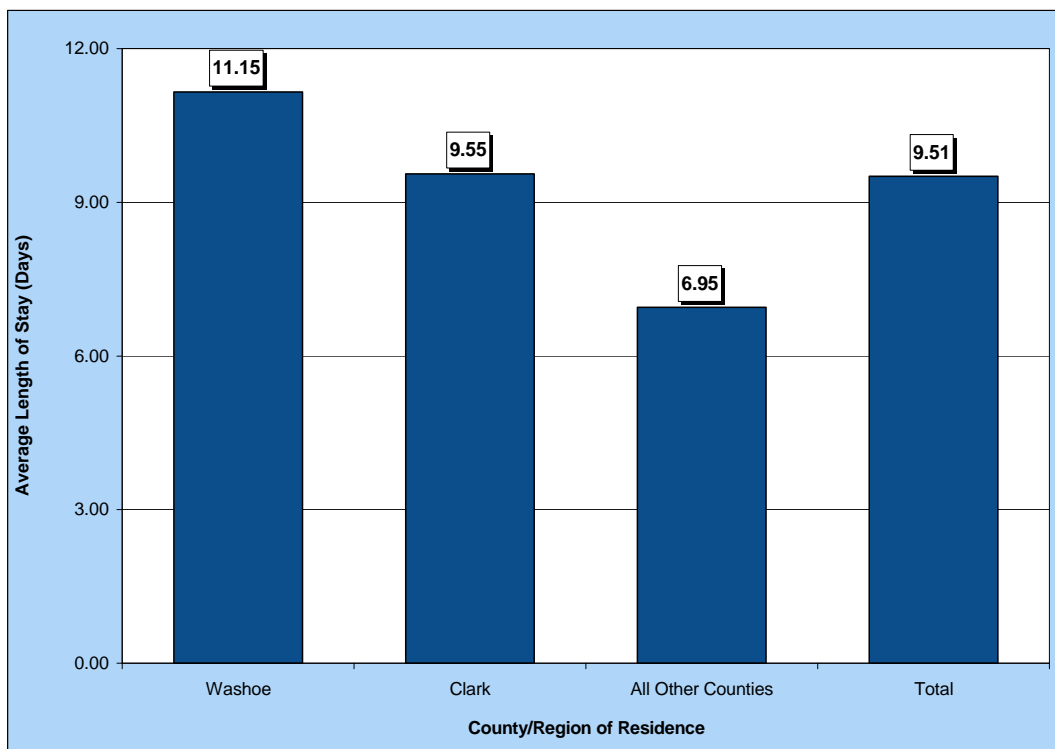


Table 242. Pancreatic Cancer Inpatient Discharges by Gender, Charges, Length of Stay, and County/Region of Residence, Nevada Residents, 2000-2004

Category	County/Region of Residence				
	Nevada Total	Clark	Washoe	All Other Counties	Unknown
Total					
Discharges	848	578	158	112	0
Rate*	8.3	8.2	9.8	7.1	---
95% C.I.	(7.7-8.9)	(7.5-8.9)	(8.3-11.5)	(5.8-8.6)	---
Gender					
Male	418	288	72	58	0
Rate*	8.7	8.5	9.8	7.8	---
95% C.I.	(7.8-9.6)	(7.5-9.7)	(7.5-12.7)	(5.9-10.4)	---
Female	430	290	86	54	0
Rate*	8.0	7.9	9.9	6.5	---
95% C.I.	(7.3-8.8)	(7.0-8.9)	(7.9-12.2)	(4.9-8.6)	---
Other/Unknown	0	0	0	0	0
Inpatient Discharge Charges (\$)					
Total Charges	\$46,086,152	\$32,552,720	\$9,665,330	\$3,868,102	\$0
Average Charges	\$54,347	\$56,320	\$61,173	\$34,537	\$0
Median Charges	\$30,150	\$32,446	\$25,734	\$20,566	\$0
Discharge Length of Stay (LOS) (Days)					
Total LOS	8,061	5,521	1,762	778	0
Average LOS	9.5	9.6	11.2	6.9	0.0
Median LOS	7.0	7.0	7.0	5.0	0.0

* Rates are per 100,000 population and are age-adjusted to the 2000 US Standard population.

Note: The "---" is used for rates calculated on numbers less than ten. Caution should be used when comparing inpatient hospital discharge data to other data sources, since it is occurrence-based data. Please See Technical Notes for more information.

Table 243. Pancreatic Cancer Inpatient Discharges by Age Group and County/Region of Residence, Nevada Residents, 2000-2004

Category	County/Region of Residence			
	Nevada Total	Clark	Washoe	All Other Counties
Total				
Discharges	848	578	158	112
Rate*	7.8	7.5	8.8	7.7
95% C.I.	(7.2-8.3)	(6.9-8.1)	(7.4-10.2)	(6.3-9.2)
Age Group				
<1	0	0	0	0
Rate*	---	---	---	---
95% C.I.	---	---	---	---
1-4	0	0	0	0
Rate*	---	---	---	---
95% C.I.	---	---	---	---
5-14	0	0	0	0
Rate*	---	---	---	---
95% C.I.	---	---	---	---
15-24	4	4	0	0
Rate*	---	---	---	---
95% C.I.	---	---	---	---
25-34	5	3	2	0
Rate*	---	---	---	---
95% C.I.	---	---	---	---
35-44	27	12	11	4
Rate*	1.6	1.0	3.9	---
95% C.I.	(0.99-2.18)	(0.43-1.56)	(1.58-6.13)	---
45-54	100	75	17	8
Rate*	6.7	7.4	6.5	---
95% C.I.	(5.38-8.01)	(5.76-9.13)	(3.40-9.57)	---
55-64	211	140	45	26
Rate*	19.3	18.6	25.9	15.6
95% C.I.	(16.72-21.94)	(15.54-21.71)	(18.34-33.48)	(9.62-21.63)
65-74	255	185	34	36
Rate*	35.6	37.4	31.9	31.2
95% C.I.	(31.21-39.94)	(32.01-42.78)	(21.19-42.64)	(20.97-41.33)
75-84	182	127	32	23
Rate*	44.3	45.4	50.5	33.9
95% C.I.	(37.85-50.72)	(37.49-53.28)	(33.03-68.04)	(20.04-47.75)
85+	64	32	17	15
Rate*	67.4	52.6	97.4	90.0
95% C.I.	(50.86-83.86)	(34.35-70.78)	(51.09-143.67)	(44.43-135.46)
Unknown	0	0	0	0

* Rates are per 100,000 age-specific population.

Note: The "---" is used for rates calculated on numbers less than ten. Caution should be used when comparing inpatient hospital discharge data to other data sources, since it is occurrence-based data. Please See Technical Notes for more information.

Table 244. Pancreatic Cancer Inpatient Discharges by Age Group and Gender, Nevada Residents, 2000-2004

Age Group	Gender		
	Male	Female	Total
<1	0	0	0
Rate*	---	---	---
95% C.I.	---	---	---
1-4	0	0	0
Rate*	---	---	---
95% C.I.	---	---	---
5-14	0	0	0
Rate*	---	---	---
95% C.I.	---	---	---
15-24	4	0	4
Rate*	---	---	---
95% C.I.	---	---	---
25-34	4	1	5
Rate*	---	---	---
95% C.I.	---	---	---
35-44	11	16	27
Rate*	1.24	1.95	1.58
95% C.I.	(0.51-1.98)	(1.00-2.91)	(0.99-2.18)
45-54	60	40	100
Rate*	7.93	5.43	6.70
95% C.I.	(5.92-9.93)	(3.75-7.12)	(5.38-8.01)
55-64	112	99	211
Rate*	20.81	17.89	19.33
95% C.I.	(16.96-24.66)	(14.36-21.41)	(16.72-21.94)
65-74	121	134	255
Rate*	34.25	36.86	35.57
95% C.I.	(28.14-40.35)	(30.62-43.10)	(31.21-39.94)
75-84	81	101	182
Rate*	43.63	44.82	44.28
95% C.I.	(34.13-53.13)	(36.08-53.56)	(37.85-50.72)
85+	25	39	64
Rate*	78.70	61.66	67.36
95% C.I.	(47.85-109.55)	(42.31-81.02)	(50.86-83.86)
Unknown	0	0	0
Total	418	430	848
Rate*	7.52	7.99	7.75
95% C.I.	(6.8-8.2)	(7.2-8.7)	(7.2-8.3)

* Rates are per 100,000 age-specific population.

Note: The "---" is used for rates calculated on numbers less than ten. Caution should be used when comparing inpatient hospital discharge data to other data sources, since it is occurrence-based data. Please See Technical Notes for more information.

Table 245. Pancreatic Cancer Inpatient Discharges by County/Region of Residence, Nevada Residents, 2000-2004

County of Residence	2000-2004 Inpatient Hospital Discharges				
	Cases	Rate*		Age-Adjusted Rate**	
		Rate	95% C.I.	Rate	95% C.I.
Carson City	13	5.1	(2.3-7.8)	4.3	(2.3-7.4)
Churchill	5	---	---	---	---
Clark	578	7.5	(6.9-8.1)	8.2	(7.5-8.9)
Douglas	17	7.7	(4.0-11.3)	7.6	(4.3-12.8)
Elko	12	5.3	(2.3-8.2)	6.3	(3.0-12.8)
Esmeralda	0	---	---	---	---
Eureka	0	---	---	---	---
Humboldt	6	---	---	---	---
Lander	1	---	---	---	---
Lincoln	2	---	---	---	---
Lyon	26	13.3	(8.2-18.4)	12.5	(8.1-18.6)
Mineral	3	---	---	---	---
Nye	19	10.8	(5.9-15.6)	7.7	(4.5-13.0)
Pershing	2	---	---	---	---
Storey	0	---	---	---	---
Washoe	158	8.8	(7.4-10.2)	9.8	(8.3-11.5)
White Pine	6	---	---	---	---
Unknown	0	---	---	---	---
Total	848	7.8	(7.2-8.3)	8.3	(7.7-8.9)

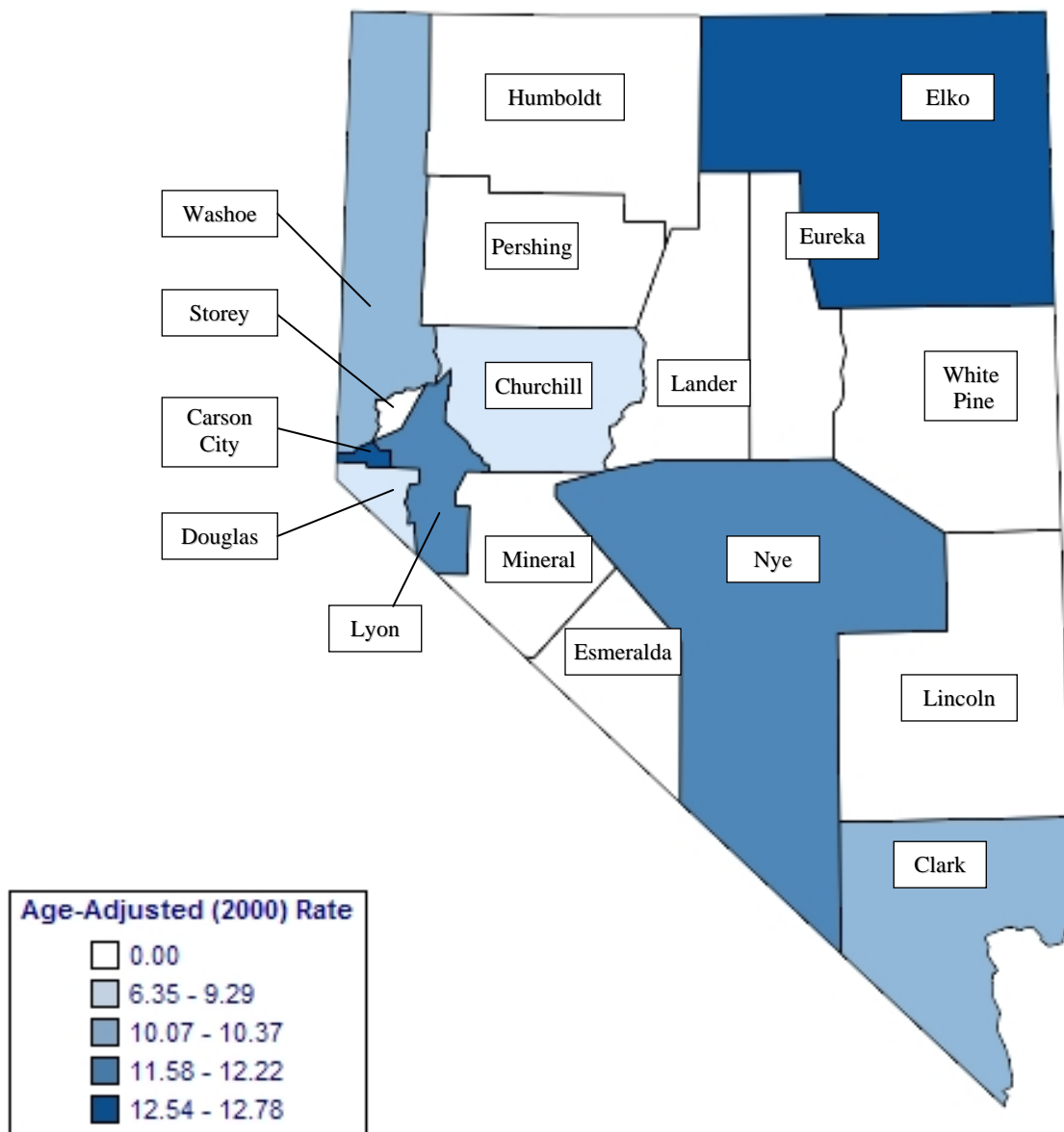
Note: The "---" is used for rates calculated on numbers less than ten. *Rates are per 100,000 population. **Rates are per 100,000 population and are age-adjusted to the 2000 US Standard population.

Table 246. Pancreatic Cancer Inpatient Discharges by Age Group, Charges and Length of Stay, Nevada Residents, 2000-2004

Age Group	Discharges	Charges (\$)			Length of Stay (Days)		
		Total	Average	Median	Total	Average	Median
<1	0	---	---	---	---	---	---
1-4	0	---	---	---	---	---	---
5-14	0	---	---	---	---	---	---
15-24	4	---	---	---	---	---	---
25-34	5	---	---	---	---	---	---
35-44	27	1,137,322	42,123	23,317	238	8.8	6.0
45-54	100	6,040,413	60,404	29,397	1,029	10.3	7.0
55-64	211	10,534,750	49,928	31,744	1,955	9.3	7.0
65-74	255	16,438,292	64,464	30,739	2,605	10.2	6.0
75-84	182	8,504,322	46,727	28,507	1,591	8.7	7.0
85+	64	2,620,330	40,943	26,024	499	7.8	6.0
Unknown	0	---	---	---	---	---	---
Total	848	46,086,152	54,347	30,150	8,061	9.5	7.0

MORTALITY

Figure 161. Pancreatic Cancer Age-Adjusted (2000) Mortality Rates, Nevada Residents, 2000-2004



Note: Rates are per 100,000 population and age-adjusted to 2000 US Standard population. Caution should be used when interpreting rates based upon small numbers. See Technical Notes for more information.

Figure 162. Pancreatic Cancer Age-Adjusted Mortality Rates by County/Region of Residence, Nevada Residents, 2000-2004

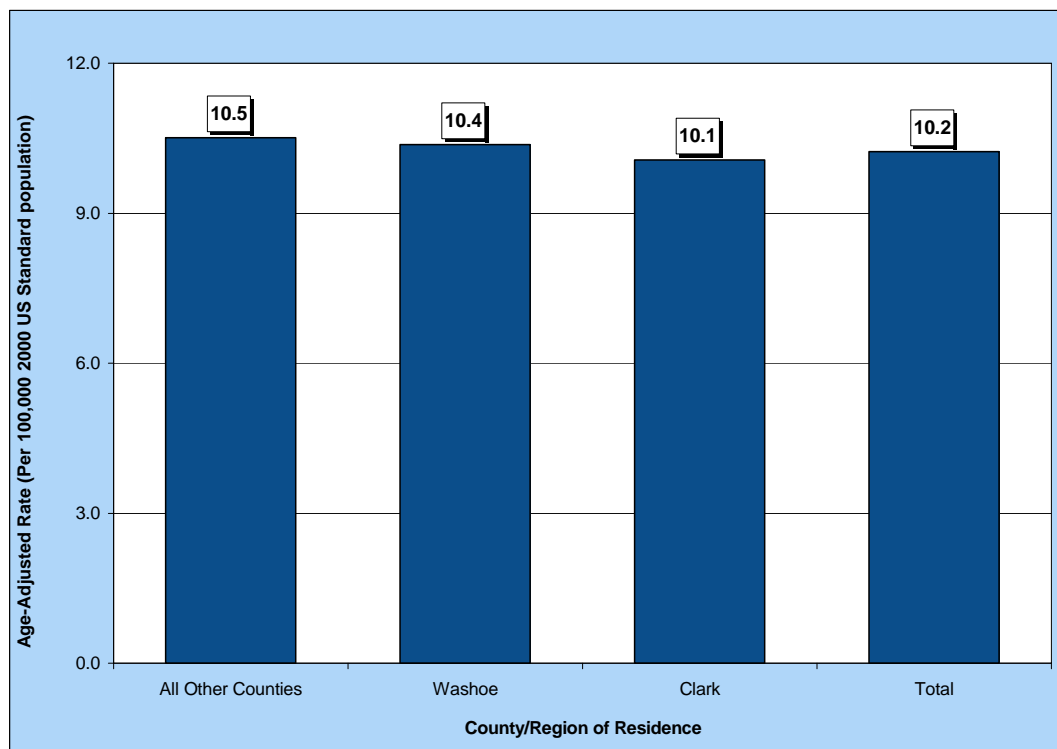


Figure 163. Pancreatic Cancer Age-Adjusted Mortality Rates by Race/Ethnicity, Nevada Residents, 2000-2004

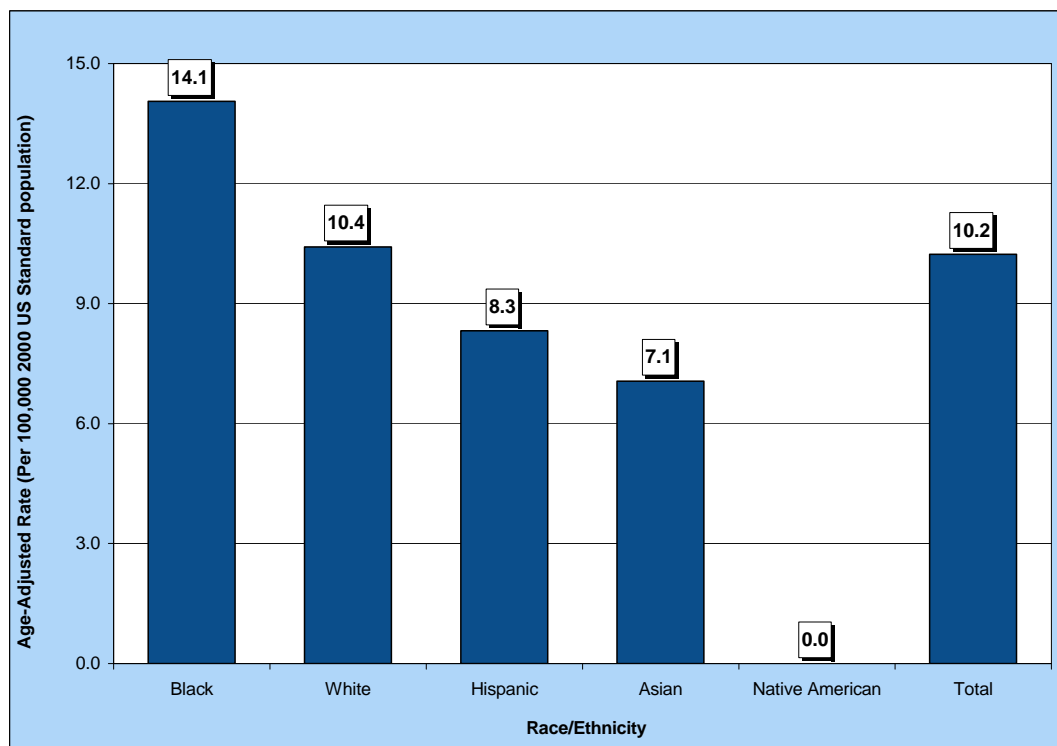


Table 247. Pancreatic Cancer Mortality by Gender, Race/Ethnicity and County/Region of Residence, Nevada Residents, 2000-2004

Category	County/Region of Residence			
	Nevada Total	Clark	Washoe	All Other Counties
Total				
Mortality	1,017	693	160	164
Rate*	10.2	10.1	10.4	10.5
95% C.I.	(9.6-10.9)	(9.3-10.9)	(8.8-12.2)	(8.9-12.3)
Gender				
Male	529	376	72	81
Rate*	11.4	11.6	10.2	11.3
95% C.I.	(10.4-12.5)	(10.3-12.9)	(7.9-13.2)	(8.9-14.3)
Female	488	317	88	83
Rate*	9.3	8.8	10.5	10.1
95% C.I.	(8.5-10.2)	(7.8-9.8)	(8.4-12.9)	(8.0-12.6)
Other/Unknown	0	0	0	0
Race/Ethnicity				
White	859	568	141	150
Rate*	10.4	10.3	10.4	10.5
95% C.I.	(9.7-11.2)	(9.5-11.3)	(8.8-12.4)	(8.8-12.4)
Black	69	63	5	1
Rate*	14.1	13.7	---	---
95% C.I.	(10.7-18.3)	(10.3-18.1)	---	---
Native American	3	1	0	2
Rate*	---	---	---	---
95% C.I.	---	---	---	---
Asian	27	22	4	1
Rate*	7.1	7.0	---	---
95% C.I.	(4.1-12.1)	(3.7-13.2)	---	---
Hispanic	55	35	10	10
Rate*	8.3	6.3	8.9	20.3
95% C.I.	(5.9-11.7)	(4.1-9.9)	(3.7-18.7)	(9.1-40.5)
Other/Unknown	4	4	0	0

*Rates are per 100,000 population and are age-adjusted to the 2000 US Standard population.
 Note: The "---" is used for rates calculated on numbers less than ten.

Table 248. Pancreatic Cancer Mortality by Age Group and County/Region of Residence, Nevada Residents, 2000-2004

Category	County/Region of Residence			
	Nevada Total	Clark	Washoe	All Other Counties
Total				
Deaths	1,017	693	160	164
Rate*	10.2	10.1	10.4	10.5
95% C.I.	(9.6-10.9)	(9.3-10.9)	(8.8-12.2)	(8.9-12.3)
Age Group				
<1	0	0	0	0
Rate*	---	---	---	---
95% C.I.	---	---	---	---
1-4	0	0	0	0
Rate*	---	---	---	---
95% C.I.	---	---	---	---
5-14	0	0	0	0
Rate*	---	---	---	---
95% C.I.	---	---	---	---
15-24	1	1	0	0
Rate*	---	---	---	---
95% C.I.	---	---	---	---
25-34	3	1	1	1
Rate*	---	---	---	---
95% C.I.	---	---	---	---
35-44	16	8	6	2
Rate*	0.9	---	---	---
95% C.I.	(0.48-1.40)	---	---	---
45-54	86	61	14	11
Rate*	5.8	6.1	5.3	4.9
95% C.I.	(4.54-6.98)	(4.53-7.57)	(2.54-8.14)	(2.01-7.83)
55-64	210	147	32	31
Rate*	19.2	19.6	18.4	18.6
95% C.I.	(16.63-21.84)	(16.40-22.72)	(12.04-24.81)	(12.07-25.18)
65-74	307	219	39	49
Rate*	42.8	44.3	36.6	42.4
95% C.I.	(38.04-47.62)	(38.40-50.13)	(25.12-48.09)	(30.53-54.27)
75-84	309	215	45	49
Rate*	75.2	76.8	71.1	72.2
95% C.I.	(66.80-83.57)	(66.57-87.11)	(50.30-91.83)	(51.99-92.43)
85+	85	41	23	21
Rate*	89.5	67.4	131.8	125.9
95% C.I.	(70.44-108.48)	(46.73-87.96)	(77.90-185.59)	(72.07-179.78)
Unknown	0	0	0	0

* Rates are per 100,000 age-specific population.

Note: The "----" is used for rates calculated on numbers less than ten.

Table 249. Pancreatic Cancer Mortality by County of Residence, Nevada Residents, 2000-2004

County of Residence at Diagnosis	2000-2004 Mortality				
	Cases	Rate*		Age-Adjusted Rate**	
		Rate	95% C.I.	Rate	95% C.I.
Carson City	38	14.9	(10.1-19.6)	12.5	(8.9-17.3)
Churchill	11	8.8	(3.6-14.0)	9.3	(4.6-17.2)
Clark	693	9.0	(8.3-9.7)	10.1	(9.3-10.9)
Douglas	15	6.8	(3.3-10.2)	6.4	(3.4-11.0)
Elko	17	7.4	(3.9-11.0)	12.8	(6.9-22.5)
Esmeralda	0	---	---	---	---
Eureka	0	---	---	---	---
Humboldt	3	---	---	---	---
Lander	2	---	---	---	---
Lincoln	2	---	---	---	---
Lyon	25	12.8	(7.8-17.8)	11.6	(7.4-17.5)
Mineral	4	---	---	---	---
Nye	32	18.2	(11.9-24.5)	12.2	(8.1-18.4)
Pershing	2	---	---	---	---
Storey	5	---	---	---	---
Washoe	160	8.9	(7.5-10.3)	10.4	(8.8-12.2)
White Pine	8	---	---	---	---
Unknown	0	---	---	---	---
Total	1,017	9.3	(8.7-9.9)	10.2	(9.6-10.9)

Note: The "---" is used for rates calculated on numbers less than ten. *Rates are per 100,000 population. **Rates are per 100,000 population and are age-adjusted to the 2000 US Standard population.

Table 250. Pancreatic Cancer Mortality by Race/Ethnicity and Gender, Nevada Residents, 2000-2004

Race/Ethnicity	Gender				
	Male	Female	Other/Unknown	Total	
White	Incidence	450	409	0	859
	Rate*	11.5	9.4	---	10.4
	95% C.I.	(10.4-12.7)	(8.5-10.4)	---	(9.7-11.2)
Black	Incidence	33	36	0	69
	Rate*	14.3	14.1	---	14.1
	95% C.I.	(9.1-22.6)	(9.8-20.1)	---	(10.7-18.3)
Native American	Incidence	2	1	0	3
	Rate*	---	---	---	---
	95% C.I.	---	---	---	---
Asian	Incidence	11	16	0	27
	Rate*	8.1	6.4	---	7.1
	95% C.I.	(3.0-19.0)	(3.2-13.1)	---	(4.1-12.1)
Hispanic	Incidence	31	24	0	55
	Rate*	11.3	6.3	---	8.3
	95% C.I.	(6.7-19.1)	(3.8-10.4)	---	(5.9-11.7)
Other/Unknown	2	2	0	4	
Total	Incidence	529	488	0	1,017
	Rate*	11.4	9.3	---	10.2
	95% C.I.	(10.4-12.5)	(8.5-10.2)	---	(9.6-10.9)

Note: The "---" is used for rates calculated on numbers less than ten. *Rates are per 100,000 population and are age-adjusted to the 2000 US Standard population.

Table 251. Pancreatic Cancer Mortality by Age Group and Gender, Nevada Residents, 2000-2004

Age Group	Gender		
	Male	Female	Total
<1	0	0	0
Rate*	---	---	---
95% C.I.	---	---	---
1-4	0	0	0
Rate*	---	---	---
95% C.I.	---	---	---
5-14	0	0	0
Rate*	---	---	---
95% C.I.	---	---	---
15-24	1	0	1
Rate*	---	---	---
95% C.I.	---	---	---
25-34	1	2	3
Rate*	---	---	---
95% C.I.	---	---	---
35-44	6	10	16
Rate*	---	1.22	0.94
95% C.I.	---	(0.46-1.98)	(0.48-1.40)
45-54	57	29	86
Rate*	7.53	3.94	5.76
95% C.I.	(5.58-9.49)	(2.50-5.37)	(4.54-6.98)
55-64	124	86	210
Rate*	23.04	15.54	19.24
95% C.I.	(18.98-27.09)	(12.25-18.82)	(16.63-21.84)
65-74	161	146	307
Rate*	45.57	40.16	42.83
95% C.I.	(38.53-52.61)	(33.65-46.68)	(38.04-47.62)
75-84	144	165	309
Rate*	77.56	73.23	75.18
95% C.I.	(64.89-90.23)	(62.05-84.40)	(66.80-83.57)
85+	35	50	85
Rate*	110.18	79.06	89.46
95% C.I.	(73.68-146.68)	(57.14-100.97)	(70.44-108.48)
Unknown	0	0	0
Total	529	488	1,017
Rate*	9.52	9.07	9.30
95% C.I.	(8.7-10.3)	(8.3-9.9)	(8.7-9.9)

* Rates are per 100,000 age-specific population.

Note: The "---" is used for rates calculated on numbers less than ten.

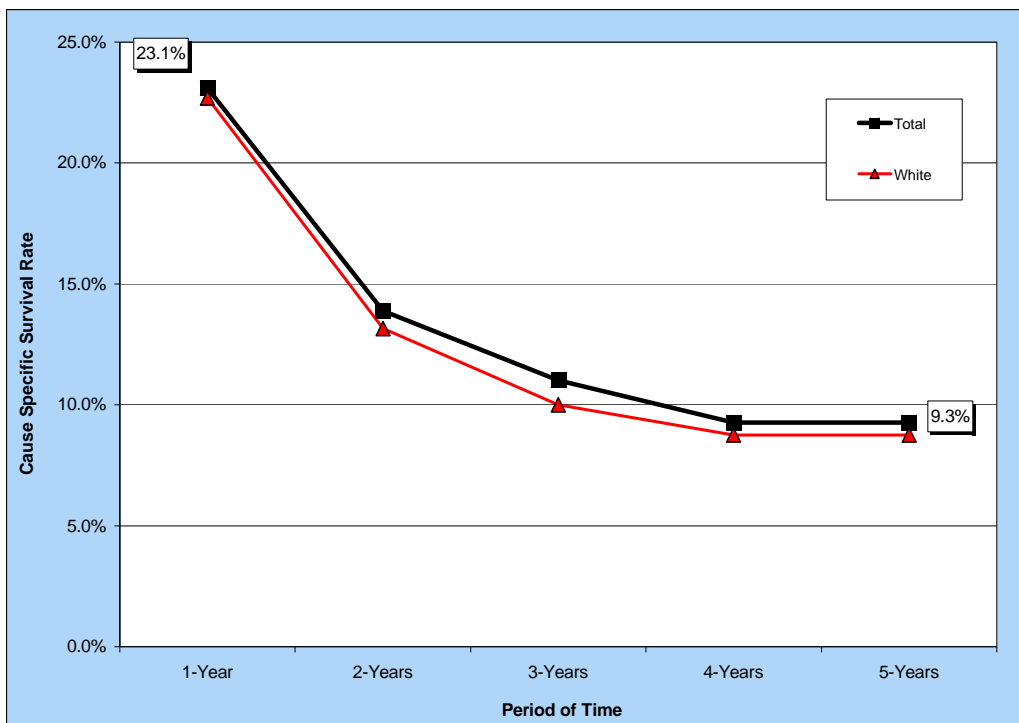
Table 252. Median Age at Death from Pancreatic Cancer by Race/Ethnicity and Gender, Nevada Residents, 2000-2004

Race/Ethnicity	Gender					
	Male		Female		Total	
	Cases	Median Age	Cases	Median Age	Cases	Median Age
White	450	70.0	409	74.0	859	72.0
Black	33	62.0	36	69.0	69	68.0
Native American	2	---	1	---	3	---
Asian	11	67.0	16	68.5	27	68.0
Hispanic	31	66.0	24	65.0	55	66.0
Other/Unknown	2	---	2	---	4	---
Total	529	69.0	488	73.0	1,017	71.0

Note: Those cases of other/unknown gender and/or unknown ages are not included in this table. The median age was not calculated for those numbers less than five.

SURVIVAL RATE

Figure 164. Survival Rates for Pancreatic Cancer by Race/Ethnicity, Nevada Residents, 2000-2004



Notes: The survival rate for those racial/ethnic groups not included in this chart could not be calculated due to small cell size.

Figure 165. Survival Rates for Pancreatic Cancer by Stage of Cancer at Diagnosis, Nevada Residents, 2000-2004

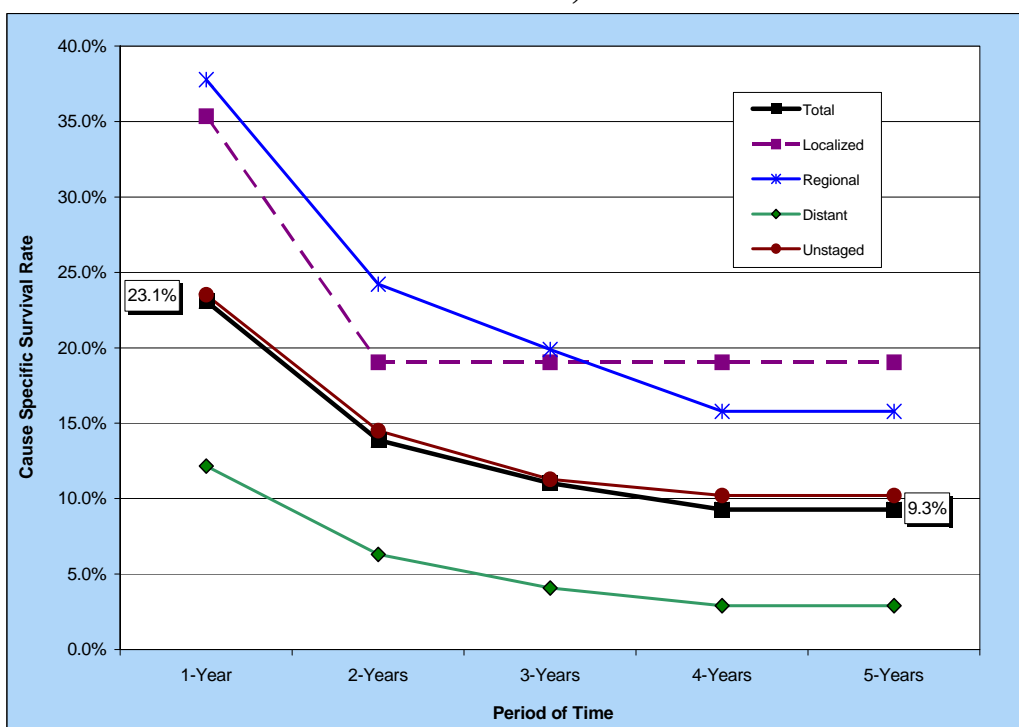


Table 253. Cause-Specific Survival Rates for Pancreatic Cancer by Race/Ethnicity and Gender, Nevada Residents, 2000-2004

Race/ Ethnicity and Gender	Number of Cases	Cause Specific Survival Rate					Median Survival Time (years)
		One Year	Two Years	Three Years	Four Years	Five Years	
Total	863	23.1%	13.9%	11.0%	9.3%	9.3%	0.65
Male	443	23.2%	14.9%	12.3%	9.7%	9.7%	0.65
Female	420	23.0%	12.7%	9.4%	8.7%	8.7%	0.65
Race/Ethnicity							
White	716	22.7%	13.2%	10.0%	8.8%	8.8%	0.65
Male	369	22.4%	14.4%	11.6%	9.2%	9.2%	0.64
Female	347	23.0%	11.6%	7.9%	7.9%	7.9%	0.65
Black	61	17.7%	12.2%	12.2%	12.2%	0.0%	0.61
Male	29	---	---	---	---	---	.
Female	32	---	---	---	---	---	.
Native American	0	---	---	---	---	---	---
Male	0	---	---	---	---	---	---
Female	0	---	---	---	---	---	---
Asian	31	---	---	---	---	---	.
Male	13	---	---	---	---	---	.
Female	18	---	---	---	---	---	.
Hispanic	48	---	---	---	---	---	.
Male	28	---	---	---	---	---	.
Female	20	---	---	---	---	---	.

Notes: 1) The "---" indicates that survival rate could not be calculated due to small cell size. Caution should be used when interpreting survival rates based upon categories with a small number of cases. 2) Those cases where the gender and/or race/ethnicity were other/unknown, are not shown separately, but are included in the category totals. 3) These rates may not be directly comparable to national rates because of different methodologies. Caution should be used when trying to compare rates for Nevada and the nation. For more information on the calculation of survival rates, please refer to Technical Notes section.

Table 254. Cause-Specific Survival Rates for Pancreatic Cancer by Stage of Cancer at Diagnosis and Gender, Nevada Residents, 2000-2004

Survival Rate of Stage at Diagnosis		Gender		
		Total	Male	Female
Total	Cases	863	443	420
	One Year	23.1%	23.2%	23.0%
	5 Years	9.3%	9.7%	8.7%
	Median Survival	0.65	0.65	0.65
Stage at Diagnosis				
In situ	Cases	---	---	---
	One Year	---	---	---
	5 Years	---	---	---
	Median Survival	---	---	---
Localized	Cases	52	19	33
	One Year	35.4%	---	---
	5 Years	19.0%	---	---
	Median Survival	0.77	.	.
Regional	Cases	183	101	82
	One Year	37.8%	42.1%	32.5%
	5 Years	15.8%	15.8%	15.4%
	Median Survival	0.80	0.86	0.74
Distant	Cases	314	166	148
	One Year	12.2%	12.9%	11.3%
	5 Years	2.9%	4.0%	0.0%
	Median Survival	0.57	0.57	0.56
Unstaged	Cases	314	157	157
	One Year	23.5%	19.9%	27.3%
	5 Years	10.2%	10.1%	9.9%
	Median Survival	0.65	0.62	0.69

Notes: 1) The "---" indicates that survival rate could not be calculated due to small cell size. Caution should be used when interpreting survival rates based upon categories with a small number of cases. 2) These rates may not be directly comparable to national rates because of different methodologies. Caution should be used when trying to compare rates for Nevada and the nation. For more information on the calculation of survival rates, please refer to Technical Notes section.