Summit County Vital Statistics Report

1997-1998 Mortality Report

Organized by:
20 Summit County Census Tract Clusters
8 Summit County Groups of Census Tract Clusters
3 Summit County Health Departments
Summit County in Toto

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Summit County Vital Statistics

Mortality Summary 1997-1998

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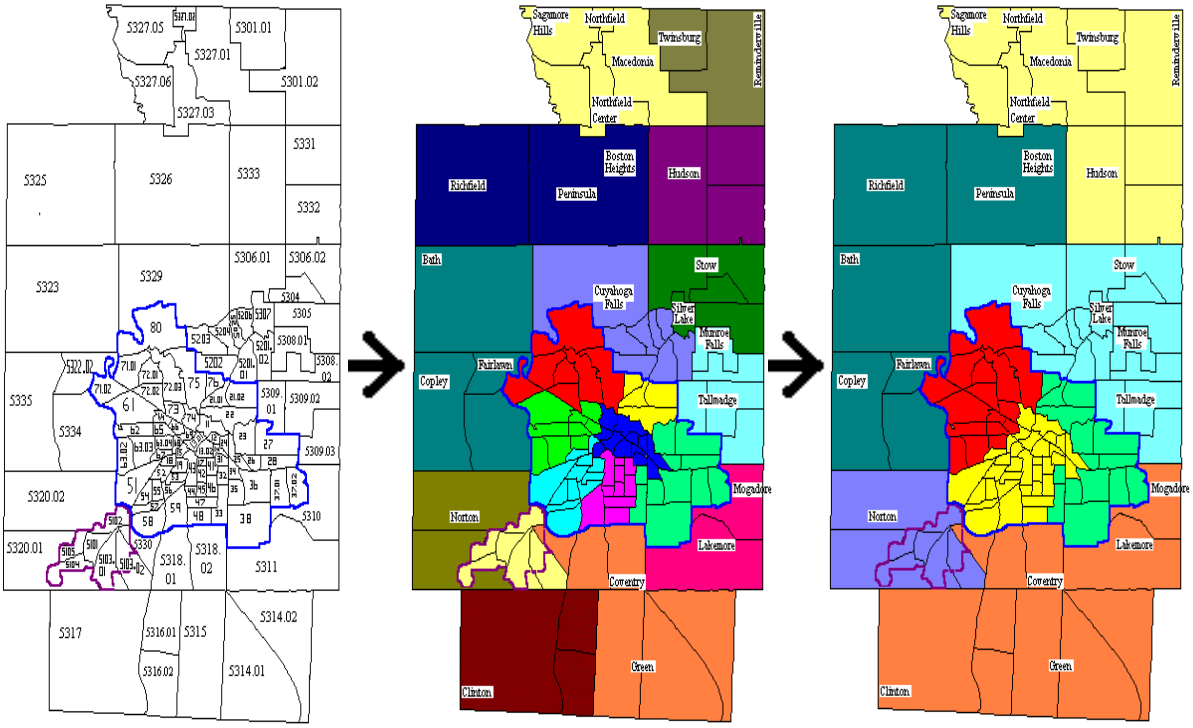
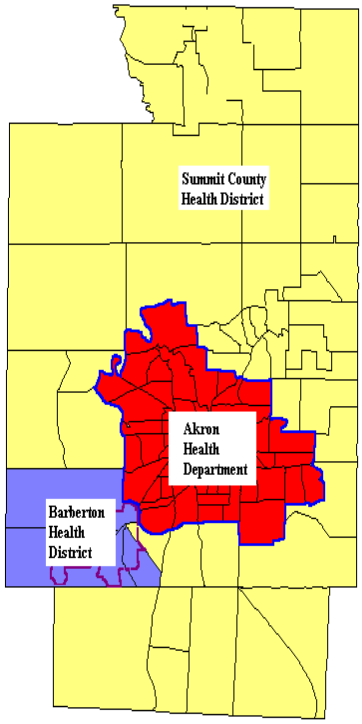
Census Tract Grouping





Location Grouping

Summit County is comprised of 121 separate census tracts. Rates of events, for which data is available, can be calculated for each of the census tracts. The rates from one census tract can be compared to another and, if multiple years of data exist, within the same tract over time. However, if the number of events within a census tract is small due to small populations or rare events, the rate that is produced may be statistically unreliable. If this is the case, demonstrating a meaningful trend over time or comparing one population to another is not possible. This situation is exacerbated by comparing rates between sub-populations, e.g. by race, gender, or age group. To remedy the problem, this report provides 3 alternative groupings of census tracts that will provide larger numbers of events within well-defined areas and populations.

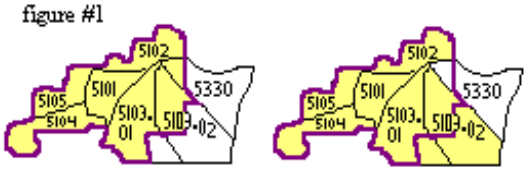
The first grouping strategy involves combining the 121 original census tracts into 20 clusters of census tracts. Efforts were made to maintain demographic homogeneity within the clusters, i.e. to the extent possible, census tracts within a cluster have similar mean per capita incomes, levels of racial diversity, etc. Identified neighborhoods were kept intact to the extent that census boundaries would permit. These efforts were limited due census numbering, e.g. vital statistics for census tracts numbered 5013.01 and 5013.02 are reported inclusively as 5013 necessitating their inclusion in the same cluster.

The second grouping strategy involves further combining the clusters in the first strategy into 8 regional census tract groups. The efforts and limitations described in the first strategy apply to this strategy as well.

The third grouping strategy simply breaks Summit County down into the jurisdictions of the three health departments, Akron Health Department, Barberton Health District, and Summit County Health District.

The pages that follow illustrate the 20 census tract clusters, the 8 regional census tract groups, and the 3 health department jurisdictions. Basic demographic profiles, natality data, and mortality data are included for each entity. Unless otherwise stated, the demographic profiles and denominators used in rate calculations are based on the 2000 U.S. Census. It should be noted that the need to keep census tracts whole for statistical soundness results in demographics that may differ slightly from those reported by the Census Bureau for geopolitically defined towns, townships, and cities. For example, while the City of Barberton encompasses approximately 75% of census tract 5103.01 and 50% of tract 5103.02 both of these tracts are included in toto for the census cluster and regional census group. Additionally, because Barberton's city limits only occupy approximately 20% of census tract 5330, that tract was not included in the cluster or regional group (see figure #1 below). The mortality and natality data are compiled from 1997 and 1998 Ohio Department of Health vital records reports.

figure #1



20 Summit County Census Tract Clusters

Matching census tracts to cities, towns, townships, & neighborhoods

In an effort to obtain health indicator case numbers large enough to provide statistically reliable rates for comparison by geographic areas, the following 20 clusters have been defined and described:

Akron's Northwest Cluster encompasses the neighborhoods of Merriman Valley, Northwest Akron, and Fairlawn Heights. The cluster is defined by its inclusion of census tracts: 5071.01, 5071.02, 5072.01, 5072.02, 5072.03, 5075, and 5080.

Akron's Northern Cluster encompasses the neighborhoods of North Hill and Chapel Hill. The cluster is defined by its inclusion of census tracts 5021.01, 5021.02, 5022, and 5076.

Akron's Western Cluster encompasses the neighborhoods of Wallhaven, Highland Square, and West Akron. The cluster is defined by its inclusion of census tracts: 5061, 5062, 5063.02, 5063.03, 5063.04, 5064, 5065, 5066, and 5073.

Akron's Southwestern Cluster encompasses the neighborhoods of Lane/Wooster, Summit Lake, Rolling Acres, and Kenmore. The cluster is defined by its inclusion of census tracts: 5018, 5019, 5051, 5052, 5053, 5054, 5055, 5056, 5057, 5058, 5067, and 5068.

Akron's Central Cluster encompasses the neighborhoods of Elizabeth Park Valley, Middlebury, and Downtown Akron. It is defined by its inclusion of census tracts 5011, 5012, 5013.01, 5013.02, 5014, 5015, 5024, 5025, 5031, 5034, 5069, and 5074.

Akron's Southern Cluster encompasses the neighborhoods of the University of Akron, South Akron, and Firestone Park. The cluster is defined by its inclusion of census tracts 5017, 5041, 5042, 5043, 5044, 5045, 5046, 5047, 5048, and 5059.

Akron's Southeastern Cluster encompasses the neighborhoods of Goodyear Heights, East Akron, and Ellet. The cluster is defined by its inclusion of census tracts 5023, 5026, 5027, 5028, 5032, 5033, 5035, 5036, 5037.01, 5037.02, and 5038.

The Barberton Cluster encompasses the City of Barberton and the area just beyond its eastern city limits in Coventry Township. The cluster is defined by the inclusion of census tracts 5101, 5102, 5103.01, 5103.02, 5104, and 5105.

The Munroe Falls / Tallmadge Cluster encompasses Munroe Falls and Tallmadge and is defined by its inclusion of census tracts 5308.01, 5308.02, 5309.01, 5309.02, and 5309.03.

The Cuyahoga Falls Cluster encompasses Cuyahoga Falls and is defined by its inclusion of census tracts 5201.01, 5201.02, 5202, 5203, 5204, 5205, 5206, and 5329.

The Springfield Cluster encompasses Springfield Township and the municipalities of Mogadore and Lakemore. The cluster is defined by its inclusion of census tracts 5310 and 5311.

The Coventry / Green Cluster encompasses the majority of Coventry Township, East Liberty, Green Township, and Greensburg. The cluster is defined by its inclusion of census tracts 5314.01, 5314.02, 5315, 5318.01, 5318.02, and 5330.

The Franklin Cluster encompasses Franklin Township, Manchester, and the Village of Clinton and is defined by its inclusion of census tracts 5316.01, 5316.02, and 5317.

The Norton Cluster encompasses the City of Norton and the area of Coventry Township immediately south of the City of Barberton. The cluster is defined by its inclusion of census tracts 5320.01 and 5320.02.

The Copley / Bath / Fairlawn Cluster encompasses Bath and Copley Townships and the City of Fairlawn. The cluster is defined by its inclusion of census tracts 5322.01, 5323, 5334, and 5335.

The Richfield / Boston Cluster encompasses Richfield and Boston Townships, Peninsula, and Boston Heights. The cluster is defined by its inclusion of census tracts 5325 and 5326.

The Stow / Silver Lake Cluster encompasses Stow and Silver Lake and is defined by its inclusion of census tracts 5304, 5305, 5306.01, 5306.02, and 5307.

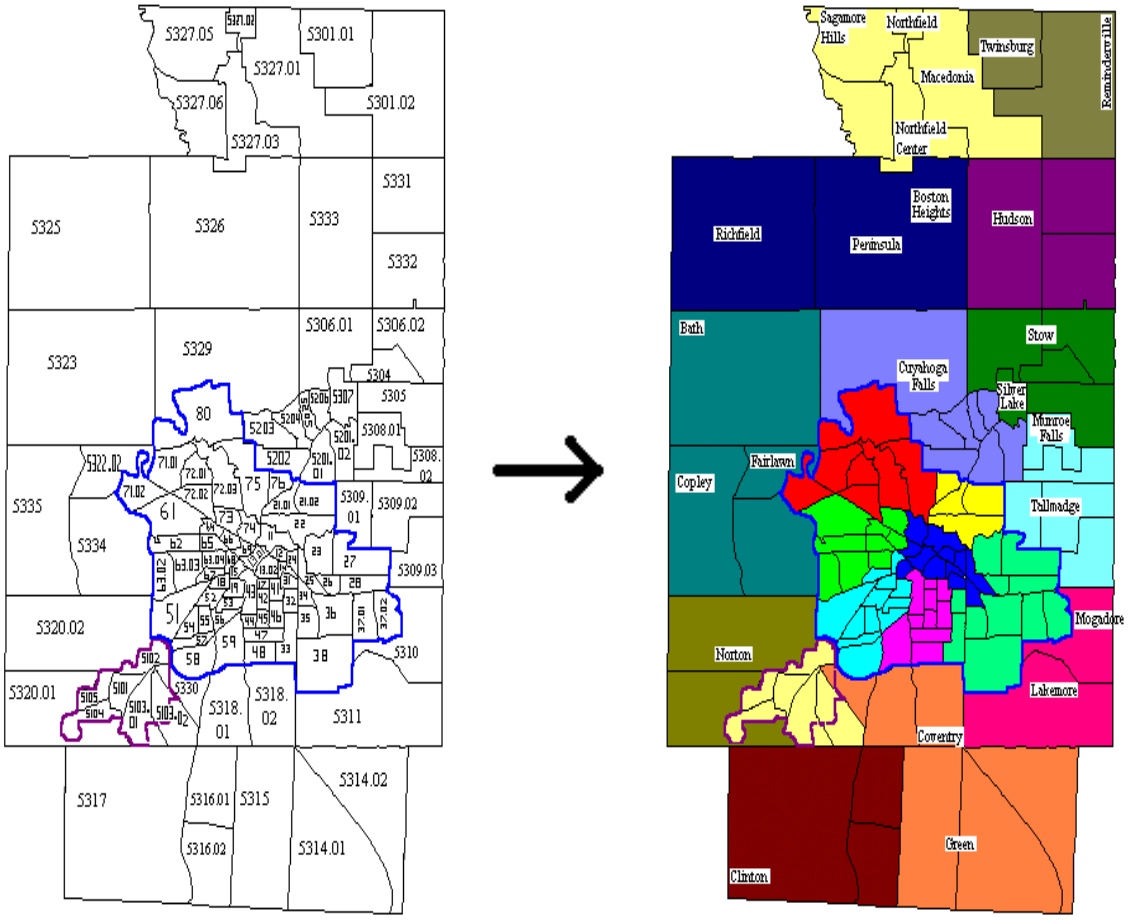
The Hudson Cluster encompasses Hudson Township and is defined by its inclusion of census tracts 5331, 5332, and 5333.

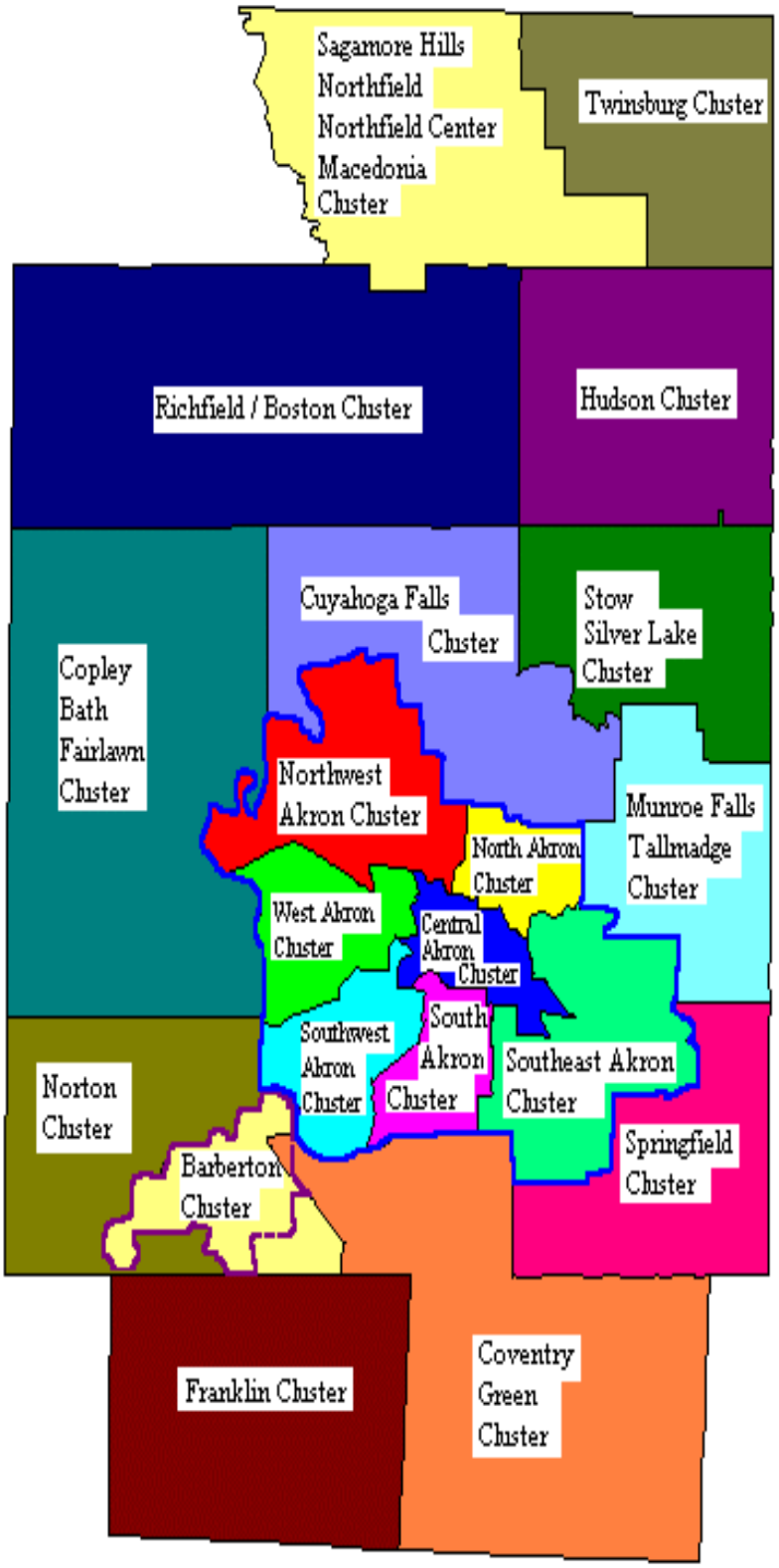
The Twinsburg Cluster encompasses Twinsburg and Reminderville and is defined by its inclusion of census tracts 5301.01 and 5301.02.

The Sagamore Hills / Northfield / Northfield Center / Macedonia Cluster encompasses Sagamore Hills, Northfield, Northfield Center, and Macedonia and is defined by its inclusion of census tracts 5327.01, 5327.02, 5327.03, 5327.05, and 5327.06.

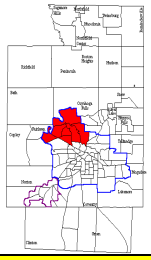
20 Summit County Census Tract Clusters

Matching census tracts to cities, towns, townships, & neighborhoods




Sagamore Hills
Northfield
Northfield Center
Macedonia
Cluster
Twinsburg Cluster
Richfield / Boston Cluster
Hudson Cluster
Cuyahoga Falls
Cluster
Stow
Silver Lake
Cluster
Copley
Bath
Fairlawn
Cluster
Northwest
Akron Cluster
Munroe Falls
Tallmadge
Cluster
North Akron
Cluster
West Akron
Cluster
Central
Akron
Cluster
South
Akron
Cluster
Southwest
Akron
Cluster
Southeast Akron
Cluster
Springfield
Cluster
Norton
Cluster
Barberton
Cluster
Franklin Cluster
Coventry
Green
Cluster

Akron's Northwest Census Tract Cluster



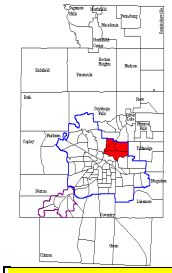
Neighborhoods:
Fairlawn Heights, Merriman Valley, and Northwest Akron.

Census Tracts:
5071.01, 5071.02, 5072.01, 5072.02, 5072.03, 5075, and 5080.

1997-1998 Mortality Profile	Akron's Northwest Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	515	851.97	76.44	9,178	845.28	74.37
Heart Disease	168	277.92	77.98	2,916	268.56	77.10
Cerebrovascular Disease	38	62.86	82.61	629	57.93	79.30
Lung Cancer	37	61.21	70.84	653	60.14	70.59
COPD	23	38.05	68.40	555	51.11	76.65
Diabetes	18	29.78*	78.89	287	26.43	75.33

*rate is not statistically reliable due to low number of events

Akron's North Census Tract Cluster



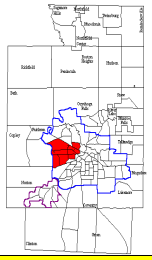
Neighborhoods:
North Hill and Chapel Hill

Census Tracts:
5021.01, 5021.02, 5022, and 5076

1997-1998 Mortality Profile	Akron's North Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	387	1,080.64	73.68	9,178	845.28	74.37
Heart Disease	117	326.71	77.39	2,916	268.56	77.10
Cerebrovascular Disease	28	78.19	76.93	629	57.93	79.30
COPD	25	69.81	79.23	555	51.11	76.65
Lung Cancer	24	67.02	72.12	653	60.14	70.59
Pneumonia/Influenza	15	41.89*	77.60	239	44.02	80.13

*rate is not statistically reliable due to low number of events

Akron's West Census Tract Cluster

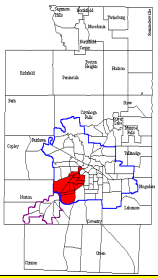


Neighborhoods:
Highland Square, Wallhaven, and West Akron.

Census Tracts:
5061, 5062, 5063.02, 5063.03, 5063.04, 5064, 5065, 5066, and 5073.

1997-1998 Mortality Profile	Akron's West Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	750	1,101.94	74.24	9,178	845.28	74.37
Heart Disease	245	359.97	77.05	2,916	268.56	77.10
Cerebrovascular Disease	57	83.75	80.74	629	57.93	79.30
COPD	36	52.89	76.08	555	51.11	76.65
Lung Cancer	35	51.42	68.46	653	60.14	70.59
Diabetes	25	36.73	69.88	287	26.43	75.33

Akron's Southwest Census Tract Cluster

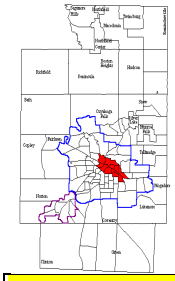


Neighborhoods:
Lane/Wooster, Summit Lake, Rolling Acres, and Kenmore

Census Tracts:
5018, 5019, 5052, 5053, 5054, 5055, 5056, 5057, 5058, 5067, and 5068

1997-1998 Mortality Profile	Akron's Southwest Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	553	777.84	69.90	9,178	845.28	74.37
Heart Disease	215	302.42	73.61	2,916	268.56	77.10
Lung Cancer	63	88.62	67.39	653	60.14	70.59
COPD	39	54.86	71.63	555	51.11	76.65
Cerebrovascular Disease	31	43.60	74.68	629	57.93	79.30
Diabetes	26	36.57	72.2	287	26.43	75.33

Akron's Central Census Tract Cluster



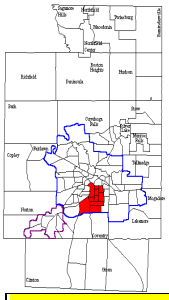
Neighborhoods:
Elizabeth Park Valley, Middlebury, and Downtown Akron.

Census Tracts:
5011, 5012, 5013.01, 5013.02, 5014, 5015, 5024, 5025, 5031, 5034, 5069, and 5074.

1997-1998 Mortality Profile	Akron's Central Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	471	1,239.15	72.02	9,178	845.28	74.37
Heart Disease	146	384.11	74.89	2,916	268.56	77.10
COPD	55	144.70	74.05	555	51.11	76.65
Lung Cancer	38	99.97	68.51	653	60.14	70.59
Cerebrovascular Disease	27	71.03	74.94	629	57.93	79.30
Chronic Liver Disease / Cirrhosis	13	34.20*	59.31	126	23.21	61.09

*rate is not statistically reliable due to low number of events

Akron's South Census Tract Cluster

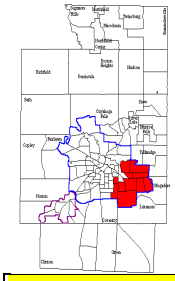


Neighborhoods:
Firestone Park, South Akron, and University of Akron.

Census Tracts:
5017, 5041, 5042, 5043, 5044, 5045, 5046, 5047, 5048, and 5059

1997-1998 Mortality Profile	Akron's South Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	494	960.53	74.19	9,178	845.28	74.37
Heart Disease	155	301.38	78.06	2,916	268.56	77.10
Lung Cancer	38	73.89	71.62	653	60.14	70.59
COPD	36	70.00	79.63	555	51.11	76.65
Cerebrovascular Disease	23	44.72	77.48	629	57.93	79.30
Pneumonia / Influenza	20	38.89	79.50	239	44.02	80.13

Akron's Southeast Census Tract Cluster

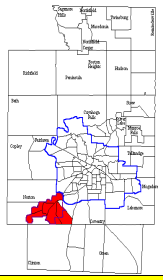


Neighborhoods:
East Akron, Ellet, and Goodyear Heights.

Census Tracts:
5023, 5026, 5027, 5028, 5032, 5033, 5035, 5036, 5037.01, 5037.02, and 5038.

1997-1998 Mortality Profile	Akron's Southeast Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	926	872.19	73.17	9,178	845.28	74.37
Heart Disease	288	271.26	76.11	2,916	268.56	77.10
Lung Cancer	76	71.58	71.43	653	60.14	70.59
Cerebrovascular Disease	50	47.09	78.59	629	57.93	79.30
COPD	37	34.85	73.34	555	51.11	76.65
Diabetes	32	30.14	76.55	287	26.43	75.33

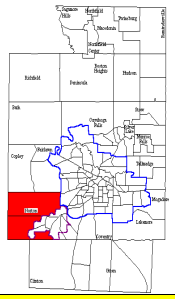
Barberton Census Tract Cluster



Census Tracts:
5101, 5102, 5103.01, 5103.02, 5104, and 5105.

1997-1998 Mortality Profile	Barberton Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	588	1,035.03	74.67	9,178	845.28	74.37
Heart Disease	233	410.14	77.63	2,916	268.56	77.10
Cerebrovascular Disease	52	91.53	80.02	629	57.93	79.30
Lung Cancer	49	86.25	70.65	653	60.14	70.59
COPD	43	75.69	78.21	555	51.11	76.65
Diabetes	29	51.05	75.12	287	26.43	75.33

Norton Census Tract Cluster

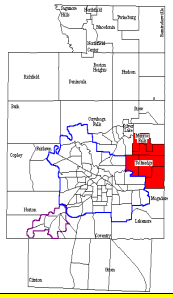


Census Tracts:
5320.01 and 5320.02.

1997-1998 Mortality Profile	Norton Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	192	837.40	74.32	9,178	845.28	74.37
Heart Disease	65	283.50	74.32	2,916	268.56	77.10
COPD	18	78.51*	72.11	555	51.11	76.65
Lung Cancer	17	74.15*	72.76	653	60.14	70.59
Cerebrovascular Disease	16	69.78*	83.06	629	57.93	79.30
Diabetes	9	39.25*	82.33	287	26.43	75.33

*rate is not statistically reliable due to low number of events

Munroe Falls / Tallmadge Census Tract Cluster

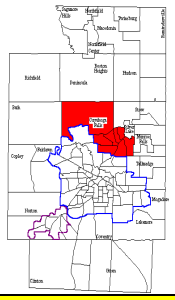


Census Tracts:
5308.01, 5308.02, 5309.01, 5309.02, and 5309.03.

1997-1998 Mortality Profile	Munroe Falls/Tallmadge Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	332	772.31	76.66	9,178	845.28	74.37
Heart Disease	95	220.99	78.24	2,916	268.56	77.10
Cerebrovascular Disease	24	55.83	80.96	629	57.93	79.30
Lung Cancer	24	55.83	68.38	653	60.14	70.59
COPD	24	55.83	77.63	555	51.11	76.65
Diabetes	11	25.59*	76.82	287	26.43	75.33

*rate is not statistically reliable due to low number of events

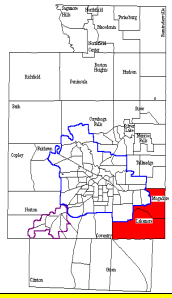
Cuyahoga Falls Census Tract Cluster



Census Tracts:
5201.01, 5201.02, 5202, 5203, 5204, 5205, 5206, and 5329.

1997-1998 Mortality Profile	Cuyahoga Falls Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	830	829.57	75.68	9,178	845.28	74.37
Heart Disease	280	279.85	74.83	2,916	268.56	77.10
Cerebrovascular Disease	58	57.97	80.86	629	57.93	79.30
Lung Cancer	54	53.97	72.69	653	60.14	70.59
COPD	39	38.98	78.25	555	51.11	76.65
Diabetes	26	25.99	77.28	287	26.43	75.33

Springfield Census Tract Cluster

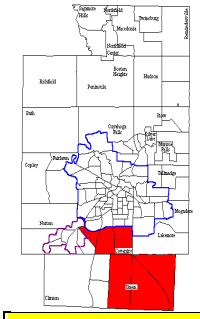


Encompasses:
Lakemore, Mogadore, and Springfield

Census Tracts:
5310 and 5311.

1997-1998 Mortality Profile	Springfield Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	319	802.56	71.83	9,178	845.28	74.37
Heart Disease	96	241.52	73.93	2,916	268.56	77.10
Cerebrovascular Disease	28	70.44	74.79	629	57.93	79.30
Lung Cancer	25	62.90	66.36	653	60.14	70.59
COPD	25	62.90	72.32	555	51.11	76.65
Pneumonia & Influenza	9	22.64*	80.89	239	44.02	80.13

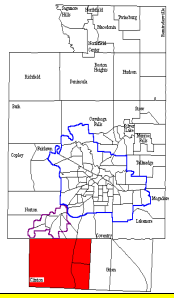
Coventry / Green Census Tract Cluster



Census Tracts:
5314.01, 5314.02, 5315, 5318.01, 5318.02, and 5330.

1997-1998 Mortality Profile	Coventry/Green Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	586	867.09	73.93	9,178	845.28	74.37
Heart Disease	168	248.59	77.27	2,916	268.56	77.10
Lung Cancer	34	50.31	68.56	653	60.14	70.59
COPD	34	50.31	73.26	555	51.11	76.65
Cerebrovascular Disease	28	41.43	80.54	629	57.93	79.30
Diabetes	15	22.20*	81.2	287	26.43	75.33

Franklin Census Tract Cluster

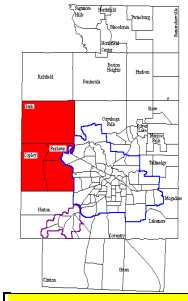


Census Tracts:
5316.01, 5316.02, and 5317.

1997-1998 Mortality Profile	Franklin Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	281	882.15	73.52	9,178	845.28	74.37
Heart Disease	101	317.07	77.30	2,916	268.56	77.10
Lung Cancer	26	81.62	70.69	653	60.14	70.59
COPD	18	56.51*	76.72	555	51.11	76.65
Cerebrovascular Disease	17	53.37*	78.82	629	57.93	79.30
Diabetes	10	31.39*	74.30	287	26.43	75.33

*rate is not statistically reliable due to low number of events

Copley / Bath / Fairlawn Census Tract Cluster

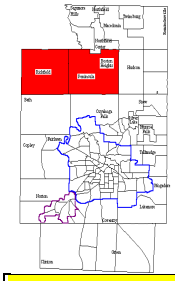


Census Tracts:
5322.01, 5323, 5334, and 5335.

1997-1998 Mortality Profile	Copley/Bath/Fairlawn Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	538	848.42	79.97	9,178	845.28	74.37
Heart Disease	212	334.32	82.10	2,916	268.56	77.10
Cerebrovascular Disease	61	96.20	80.85	629	57.93	79.30
Lung Cancer	34	53.62	73.62	653	60.14	70.59
COPD	27	42.58	80.33	555	51.11	76.65
Pneumonia & Influenza	18	28.39*	87.89	239	44.02	80.13

*rate is not statistically reliable due to low number of events

Richfield / Boston Census Tract Cluster

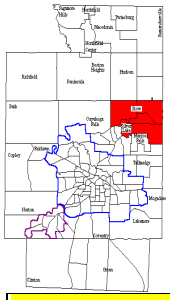


Census Tracts:
5325 and 5326.

1997-1998 Mortality Profile	Richfield/Boston Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	107	646.60	76.13	9,178	845.28	74.37
Heart Disease	33	199.42	79.00	2,916	268.56	77.10
Lung Cancer	9	54.39*	70.56	653	60.14	70.59
Cerebrovascular Disease	7	42.30*	81.71	629	57.93	79.30
COPD	5	30.22*	73.4	555	51.11	76.65
Female Breast Cancer	4	24.17*	87.00	153	28.18	68.23

*rate is not statistically reliable due to low number of events

Stow / Silver Lake Census Tract Cluster

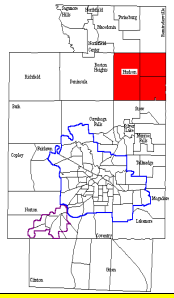


Census Tracts:
5304, 5305, 5306.01, 5306.02, and 5307.

1997-1998 Mortality Profile	Stow/Silver Lake Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	427	607.26	77.15	9,178	845.28	74.37
Heart Disease	135	191.99	77.25	2,916	268.56	77.10
Cerebrovascular Disease	45	64.00	78.95	629	57.93	79.30
COPD	40	56.89	78.65	555	51.11	76.65
Lung Cancer	31	44.09	70.81	653	60.14	70.59
Diabetes	14	19.91*	75.36	287	26.43	75.33

*rate is not statistically reliable due to low number of events

Hudson Census Tract Cluster

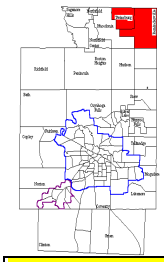


Census Tracts:
5331, 5332, and 5333.

1997-1998 Mortality Profile	Hudson Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	152	338.70	79.24	9,178	845.28	74.37
Heart Disease	41	91.36	81.27	2,916	268.56	77.10
Lung Cancer	14	31.20*	74.50	653	60.14	70.59
Cerebrovascular Disease	8	17.83*	85.88	629	57.93	79.30
COPD	8	17.83*	85.75	555	51.11	76.65
Pneumonia & Influenza	7	15.60*	82.57	239	44.02	80.13

*rate is not statistically reliable due to low number of events

Twinsburg Census Tract Cluster

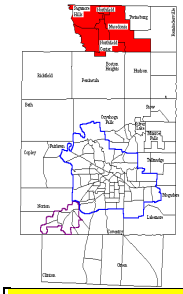


Census Tracts:
5301.01, and 5301.02.

1997-1998 Mortality Profile	Twinsburg Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	161	378.47	70.74	9,178	845.28	74.37
Heart Disease	90	211.57	75.65	2,916	268.56	77.10
Lung Cancer	17	39.96*	66.30	653	60.14	70.59
Cerebrovascular Disease	12	28.21*	73.40	629	57.93	79.30
Colorectal Cancer	11	25.86*	77.75	202	37.21	76.11
Female Breast Cancer	8	18.81*	64.80	153	28.18	68.23

*rate is not statistically reliable due to low number of events

Sagamore Hills / Northfield / Macedonia Census Tract Cluster

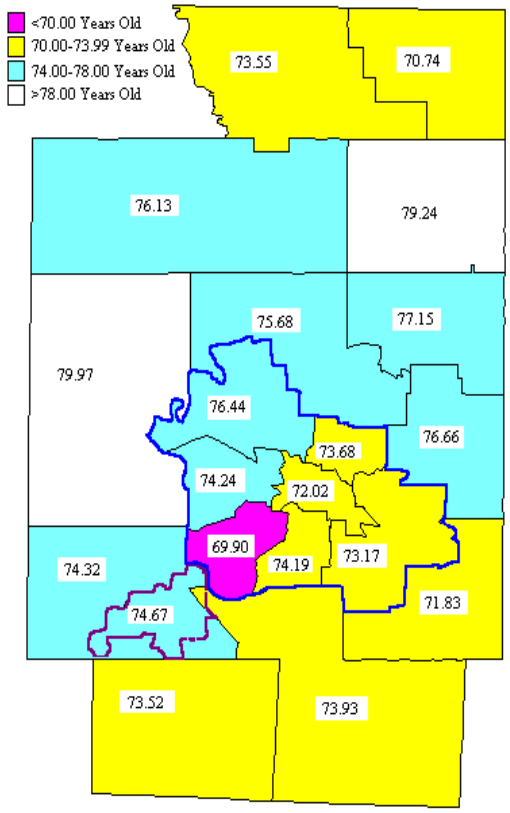


Census Tracts:
5327.01, 5327.02, 5327.03, 5327.05, and 5327.06.

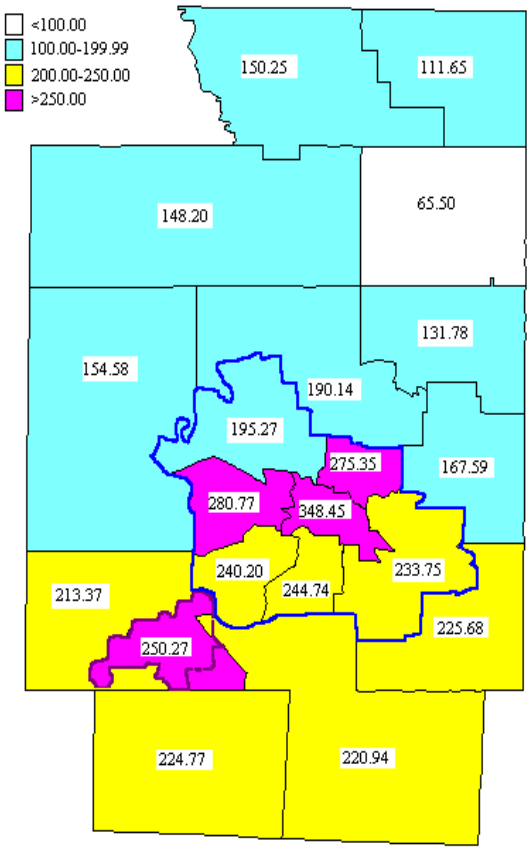
1997-1998 Mortality Profile	Sagamore Hills / Northfield / Macedonia Cluster			All Clusters		
5 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	325	589.67	73.55	9,178	845.28	74.37
Heart Disease	103	186.88	75.23	2,916	268.56	77.10
Lung Cancer	26	47.17	73.81	653	60.14	70.59
Cerebrovascular Disease	19	34.47*	79.00	629	57.93	79.30
COPD	15	27.22*	77.00	555	51.11	76.65
Colorectal Cancer	11	19.96*	81.91	202	37.21	76.11

*rate is not statistically reliable due to low number of events

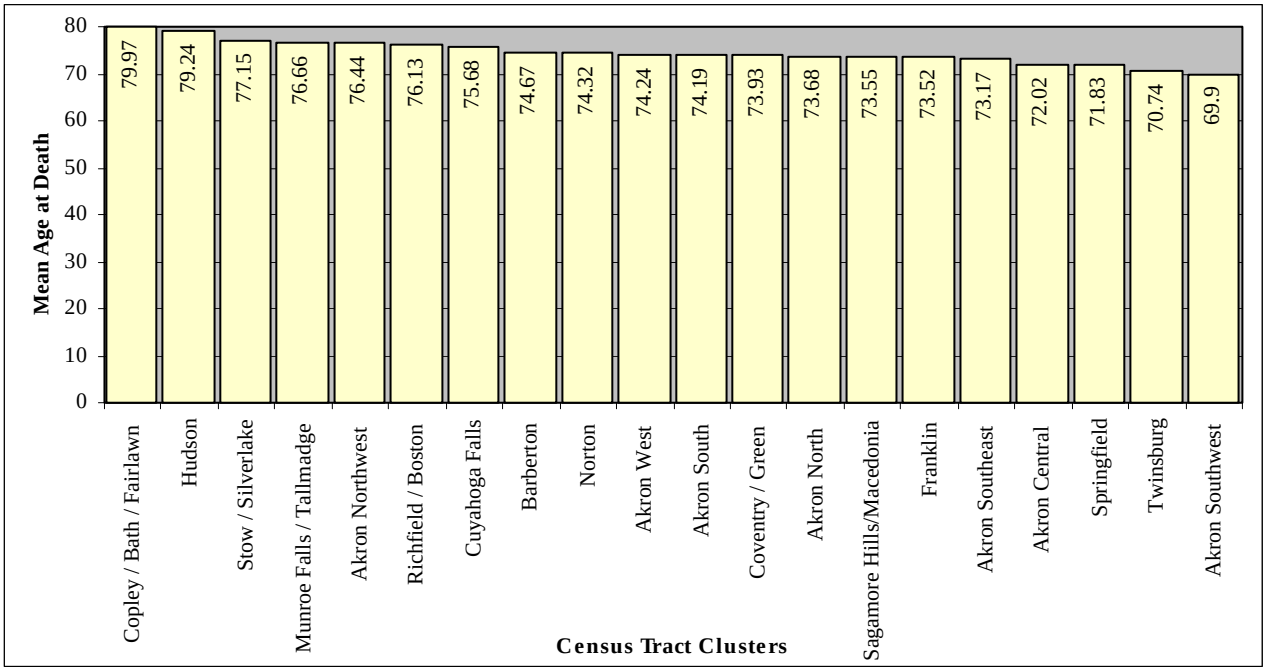
1997-1998 Mean Age at Death Due to All Causes



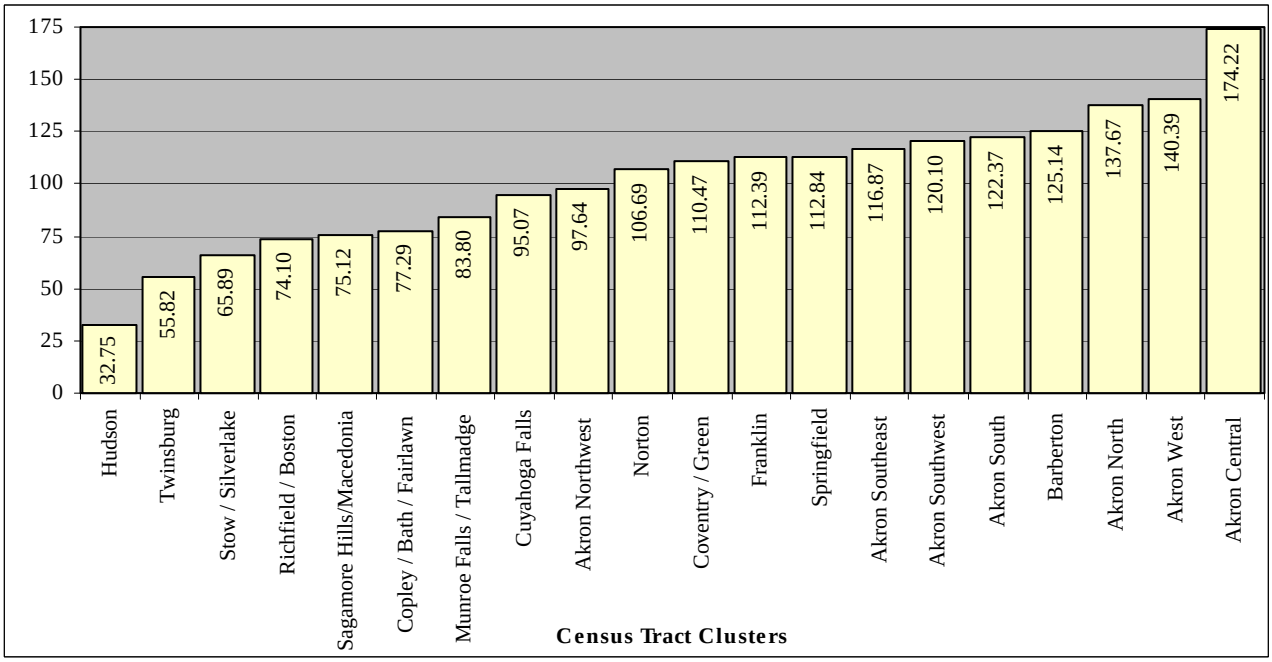
1997-1998 Years of Potential Life Lost (per 1,000 Cluster Population) All Causes of Death



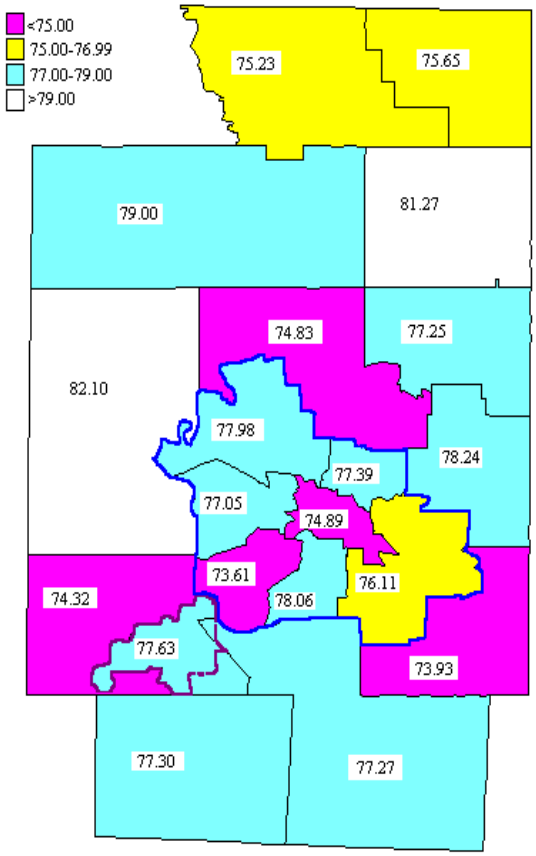
Mean Age at Death (All Causes) 1997-1998



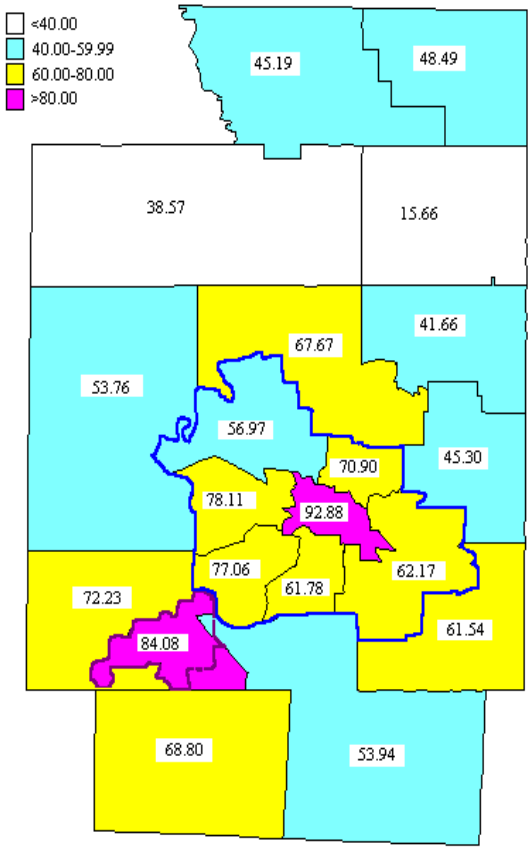
Years of Potential Life Lost (per 1,000 population) due to All Causes of Death 1997-1998



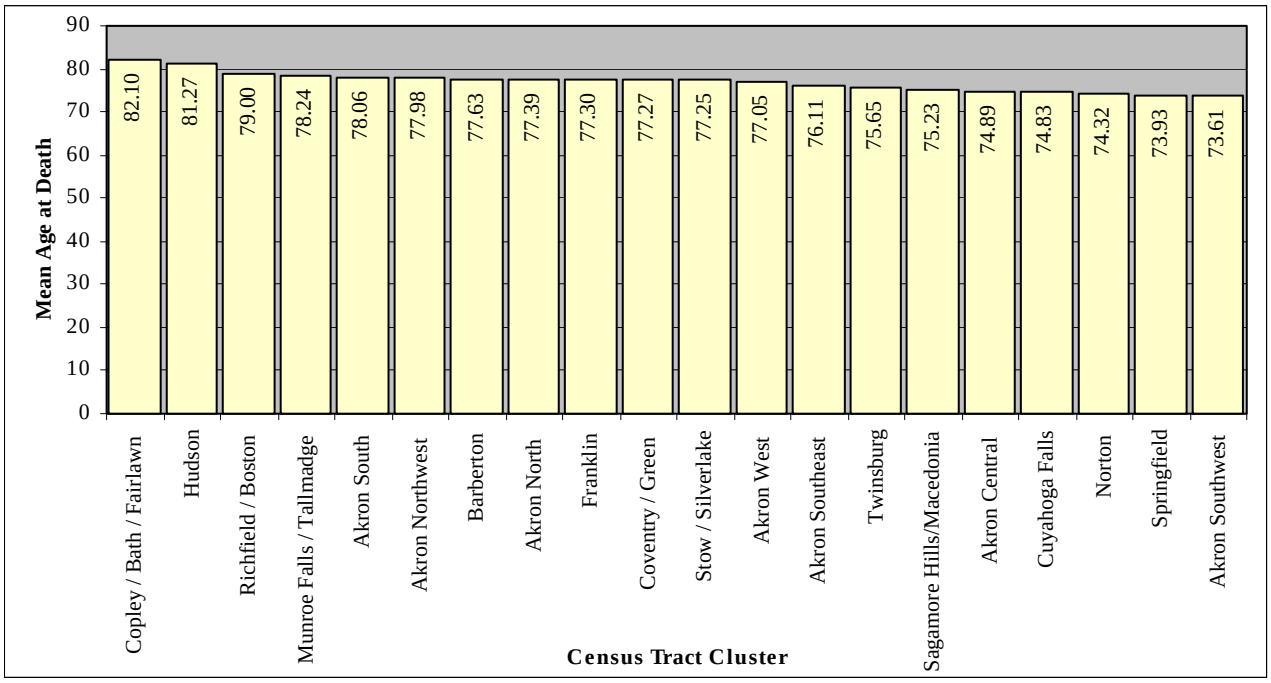
1997-1998 Mean Age at Death Due to Heart Disease



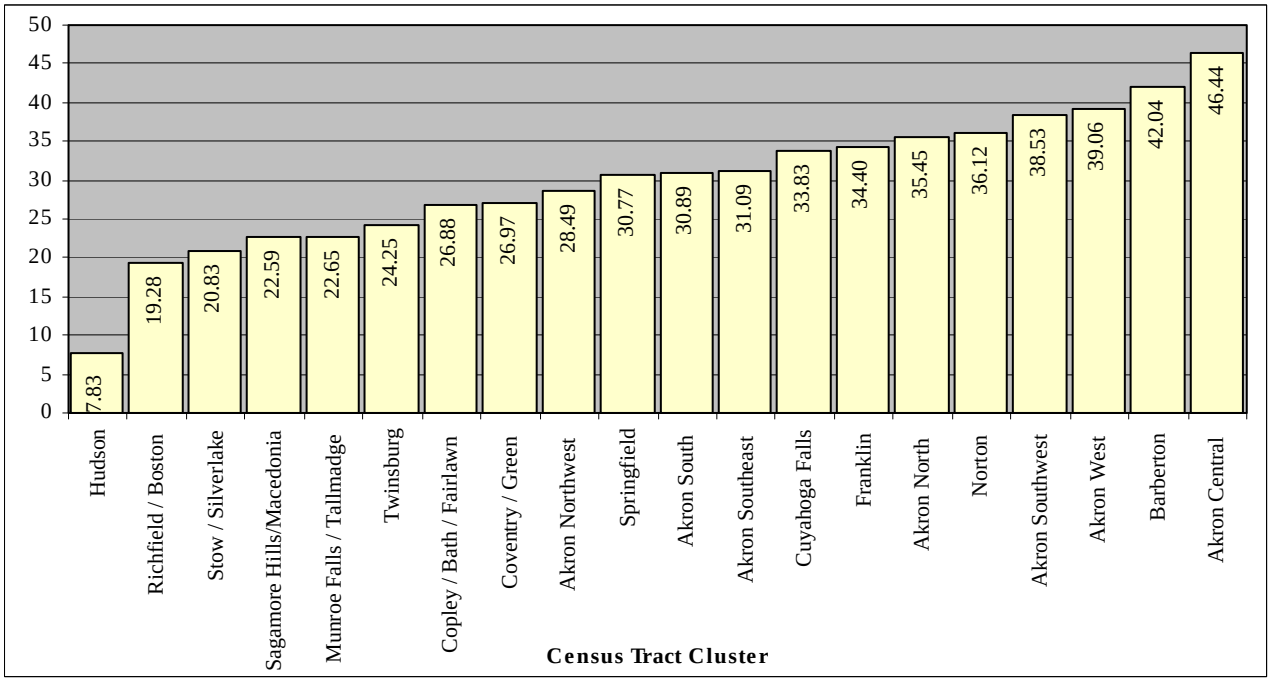
1997-1998 Years of Potential Life Lost (per 1,000 Cluster 2000 Population) Heart Disease



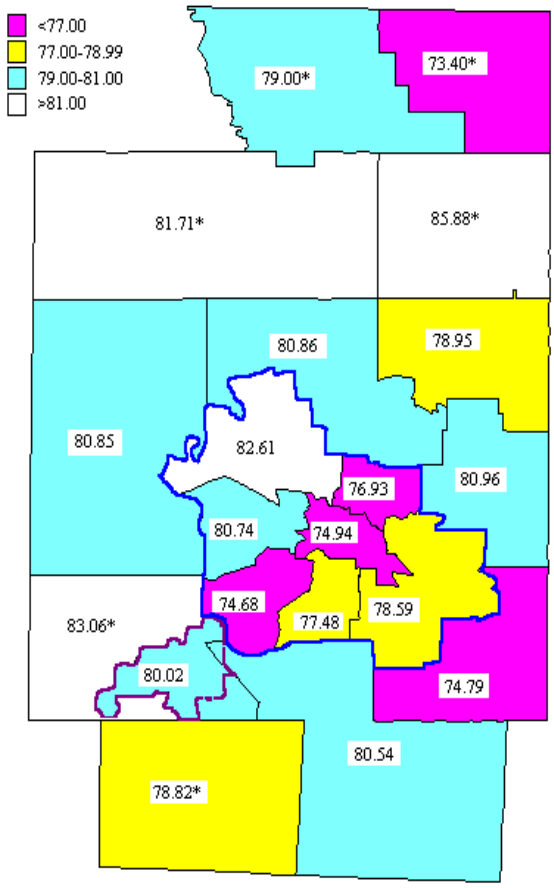
Mean Age at Death Due to Heart Disease 1997-1998



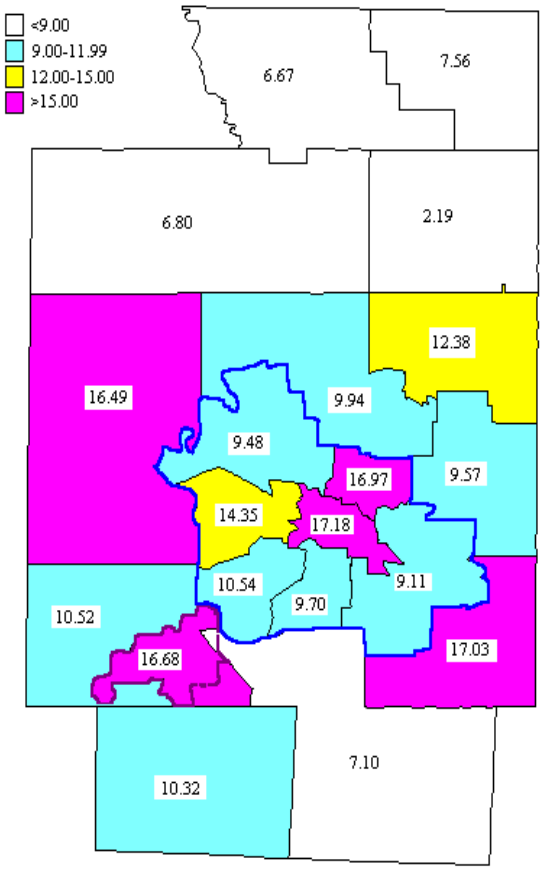
Years of Potential Life Lost (per 1,000 population) Due to Heart Disease 1997-1998



1997-1998 Mean Age at Death Due to Cerebrovascular Disease

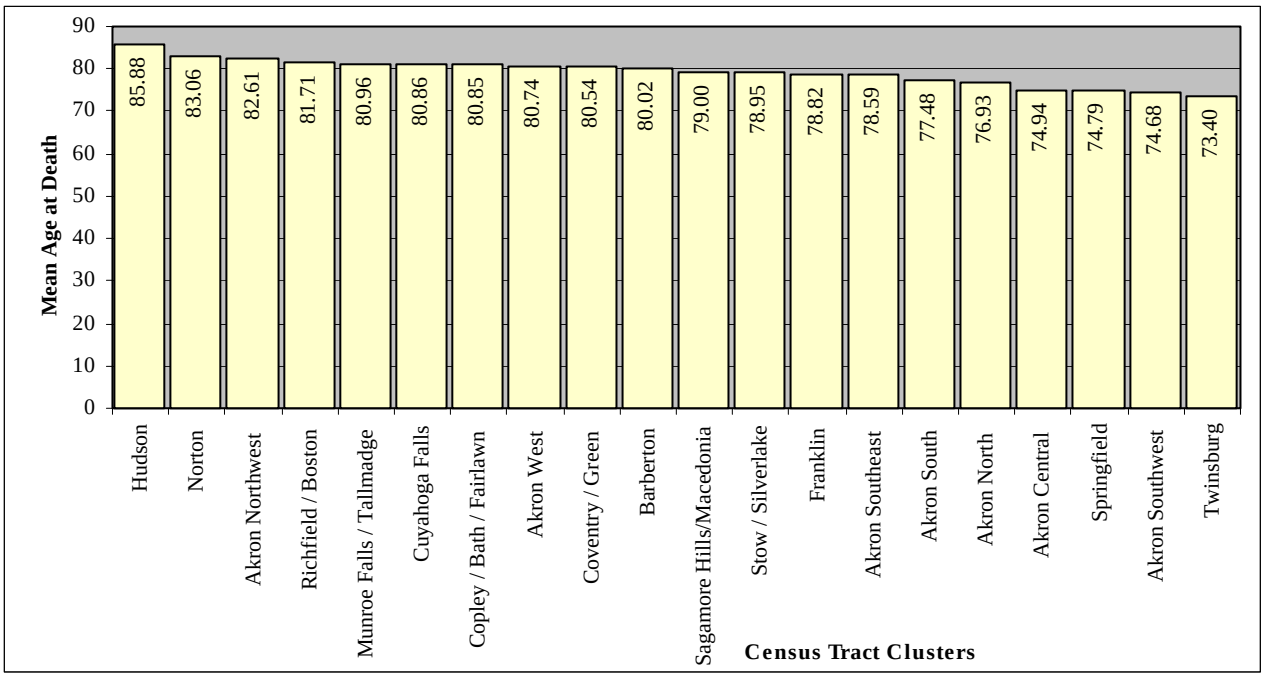


1997-1998 Years of Potential Life Lost (per 1,000 Cluster 2000 Population) Cerebrovascular Disease

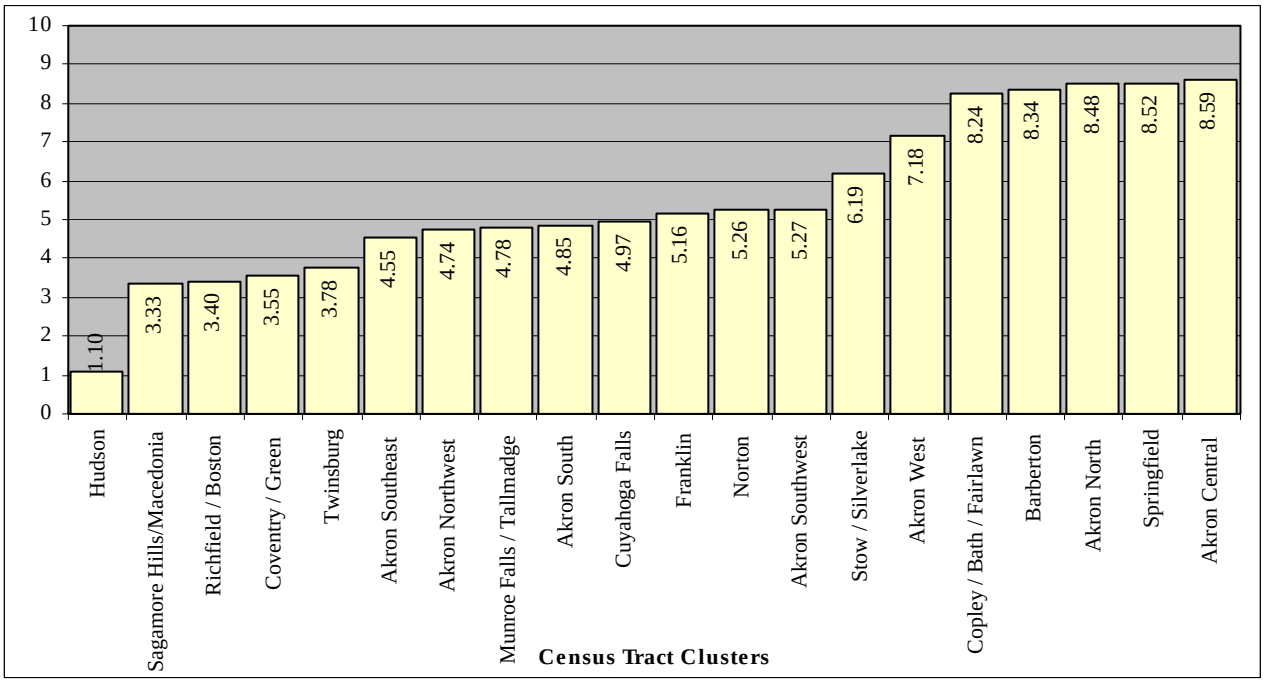


* denotes unreliable data due to low number of events (i.e. < 10 per annum)

Mean Age at Death Due to Cerebrovascular Disease 1997-1998



Years of Potential Life Lost (per 1,000 population) Due to Cerebrovascular Disease 1997-1998



8 Summit County Census Tract Groups

Matching census tracts to Summit County regions:

In an effort to obtain health indicator case numbers large enough to provide statistically reliable rates for comparison by geographic areas, the following 8 census tract groups have been defined and described:

1.) Akron's Northwest Census Tract Group encompasses the neighborhoods of Fairlawn Heights, Highland Square, Merriman Valley, Northwest Akron, Wallhaven, and West Akron. The census tract group is defined by its inclusion of census tracts 5061, 5062, 5063.02, 5063.03, 5063.04, 5064, 5065, 5066, 5071.01, 5071.02, 5072.01, 5072.02, 5072.03, 5073, 5075, and 5080.

2.) Akron's Southwest Census Tract Group encompasses the neighborhoods of Downtown Akron, Elizabeth Park Valley, Firestone Park, Kenmore, Lane/Wooster, Middlebury, Rolling Acres, South Akron, Summit Lake, and the University of Akron. The census tract group is defined by its inclusion of census tracts 5011, 5012, 5013.01, 5013.02, 5014, 5015, 5017, 5018, 5019, 5024, 5025, 5031, 5034, 5041, 5042, 5043, 5044, 5045, 5046, 5047, 5048, 5051, 5052, 5053, 5054, 5055, 5056, 5057, 5058, 5059, 5067, 5068, 5069, and 5074.

3.) Akron's East Census Tract Group encompasses the neighborhoods of Chapel Hill, East Akron, Ellet, Goodyear Heights, and North Hill. The census tract group is defined by its inclusion of census tracts 5021.01, 5021.02, 5022, 5023, 5026, 5027, 5028, 5032, 5033, 5035, 5036, 5037.01, 5037.02, 5038, and 5076.

4.) Barberton Health District Census Tract Group encompasses the City of Barberton and the City of Norton. The census tract group is defined by its inclusion of census tracts 5101, 5102, 5103.01, 5103.02, 5104, 5105, 5320.01, and 5320.02.

5.) Summit County's Northeast Census Tract Group encompasses Hudson, Macedonia, Northfield, Northfield Center, Reminderville, Sagamore Hills, and Twinsburg. The census tract group is defined by its inclusion of census tracts 5301.01, 5301.02, 5327.01, 5327.02, 5327.03, 5327.05, 5327.06, 5331, 5332, and 5333.

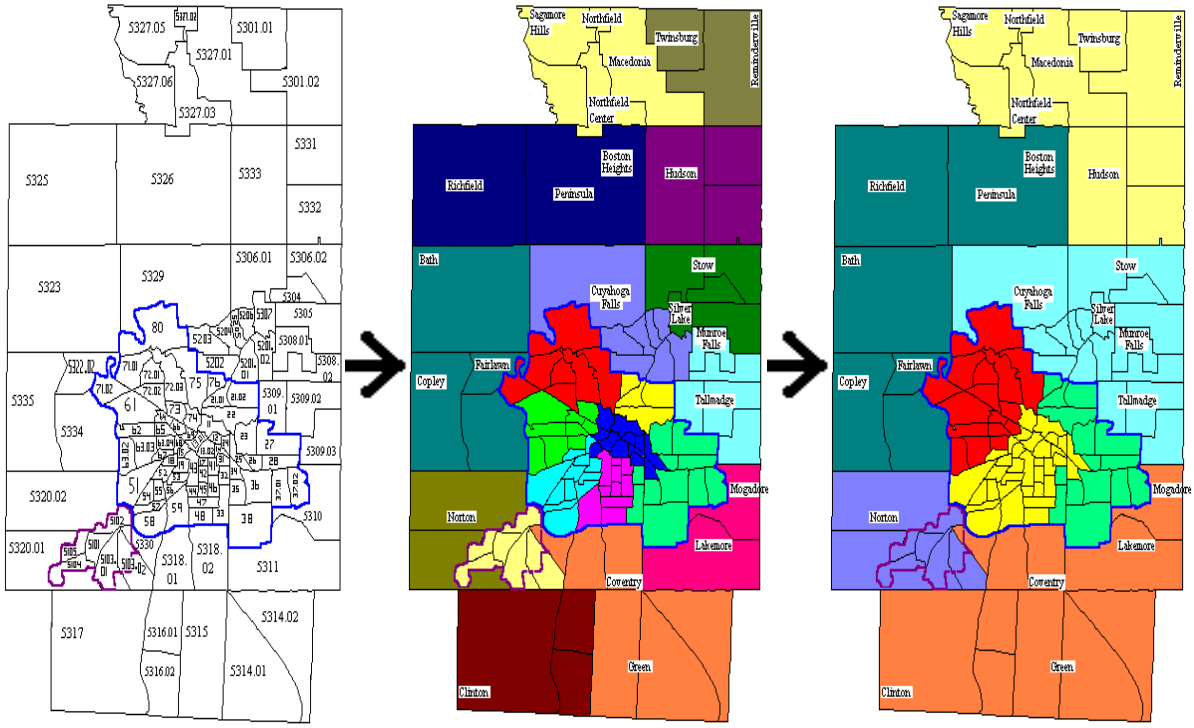
6.) Summit County's Northwest Census Tract Group encompasses Bath, Boston Heights, Copley, Fairlawn, Peninsula, and Richfield. The census tract group is defined by its inclusion of census tracts 5322.02, 5323, 5325, 5326, 5329, 5334, and 5335.

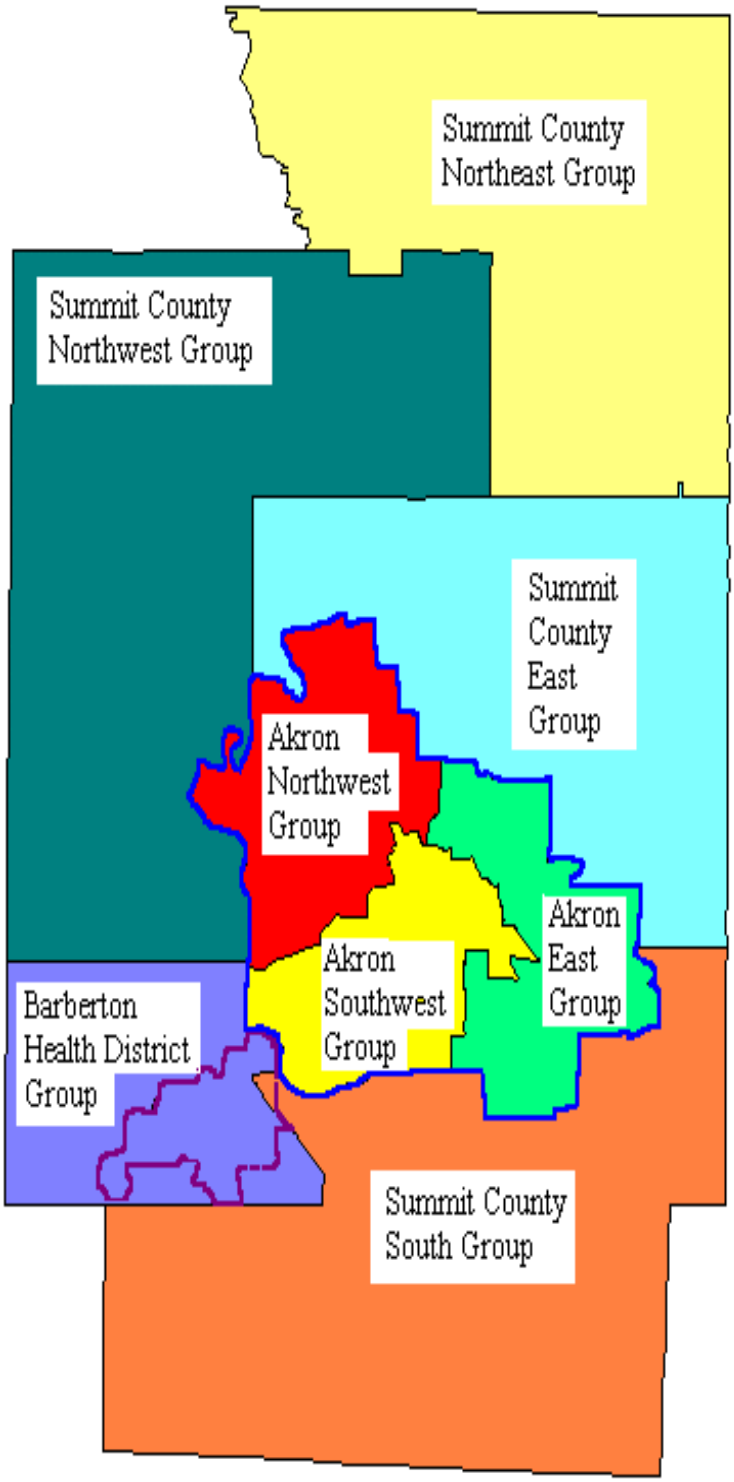
7.) Summit County's East Census Tract Group encompasses Cuyahoga Falls, Munroe Falls, Silver Lake, Stow, and Tallmadge. The census tract group is defined by its inclusion of census tracts 5201.01, 5201.02, 5202, 5203, 5204, 5205, 5206, 5304, 5305, 5306.01, 5306.02, 5307, 5308.01, 5308.02, 5309.01, 5309.02, and 5309.03.

8.) Summit County's South Census Tract Group encompasses Clinton, Coventry, Franklin, Green. Lakemore, and Magadore. The census tract group is defined by the inclusion of census tracts 5310, 5311, 5314.01, 5314.02, 5315, 5316.01, 5316.02, 5317, 5318.01, and 5318.02.

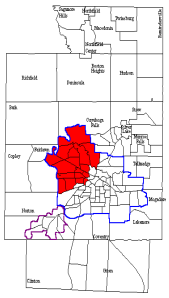
8 Summit County Census Tract Groups

Matching census tract clusters to Summit County regions




Summit County
Northeast Group
Summit County
Northwest Group
Summit
County
East
Group
Akron
Northwest
Group
Akron
East
Group
Akron
Southwest
Group
Barberton
Health District
Group
Summit County
South Group

Akron's Northwest Census Tract Group



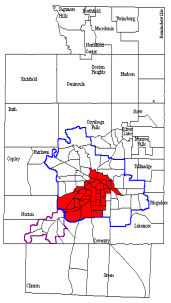
Neighborhoods:
Fairlawn Heights, Highland Square, Merriman Valley, Northwest Akron, Wallhaven, and West Akron

Census Tracts:
5061, 5062, 5063.02, 5063.03, 5063.04, 5064, 5065, 5066, 5071.01, 5071.02, 5072.01, 5072.02, 5072.03, 5073, 5075, 5080

1997-1998 Mortality Profile	Akron's Northwest Group			All Groups		
15 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	1,265	984.36	75.14	9,178	845.28	74.37
Heart Disease	412	320.60	77.43	2,916	268.56	77.10
Cerebrovascular Disease	95	73.92	81.48	629	57.93	79.30
Lung Cancer	72	56.03	69.68	653	60.14	70.59
COPD	59	45.91	73.07	555	51.11	76.65
Diabetes	43	33.46	73.65	287	26.43	75.33
Pneumonia & Influenza	39	30.35	80.00	239	22.01	80.13
Colorectal Cancer	31	24.12	76.10	202	18.60	76.11
Prostate Cancer	26	20.23	76.50	141	12.99	77.64
Kidney Disease	22	17.12	78.75	158	14.55	78.12
Female Breast Cancer	22	17.12	66.00	153	14.09	68.23
Chronic Liver Disease / Cirrhosis	18	14.01*	57.47	126	11.60	61.09
Cancer of Cervix, Uterus, & Ovaries	17	13.23*	69.00	110	10.13	68.98
AIDS	16	12.45*	38.50	36	3.32	38.86
Alzheimer's Disease	14	10.89*	86.92	79	7.28	83.35
Homicide	10	7.78*	33.89	38	3.50	38.22

*rate is not statistically reliable due to low number of events

Akron's Southwest Census Tract Group



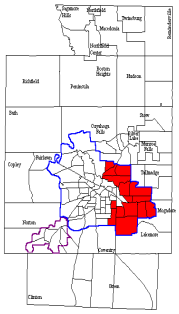
Neighborhoods: Downtown Akron, Elizabeth Park Valley, Firestone Park, Kenmore, Lane/Wooster, Middlebury, Rolling Acres, South Akron, Summit Lake, and the University of Akron.

Census Tracts:
5011, 5012, 5013.01, 5013.02, 5014, 5015, 5017, 5018, 5019, 5024, 5025, 5031, 5034, 5041, 5042, 5043, 5044, 5045, 5046, 5047, 5048, 5051, 5052, 5053, 5054, 5055, 5056, 5057, 5058, 5059, 5067, 5068, 5069, and 5074.

1997-1998 Mortality Profile	Akron's Southwest Group			All Groups		
15 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	1,518	945.59	71.95	9,178	845.28	74.37
Heart Disease	516	321.43	75.31	2,916	268.56	77.10
Lung Cancer	139	86.59	68.85	653	60.14	70.59
COPD	130	80.98	74.87	555	51.11	76.65
Cerebrovascular Disease	81	50.46	75.56	629	57.93	79.30
Diabetes	49	30.52	74.04	287	26.43	75.33
Pneumonia & Influenza	42	26.16	74.80	239	22.01	80.13
Kidney Disease	34	21.18	75.23	158	14.55	78.12
Chronic Liver Disease / Cirrhosis	32	19.93	55.14	126	11.60	61.09
Prostate Cancer	30	18.69	80.69	141	12.99	77.64
Suicide	27	16.82	45.63	99	9.12	48.35
Colorectal Cancer	27	16.82	74.39	202	18.60	76.11
Female Breast Cancer	23	14.33	69.52	153	14.09	68.23
Motor Vehicle Traffic Accidents	22	13.70	32.15	88	8.10	41.94
Cancer of Cervix, Uterus, & Ovaries	21	13.08	64.67	110	10.13	68.98
Homicide	18	11.21*	36.19	38	3.50	38.22

* rate is not statistically reliable due to low number of events

Akron's East Census Tract Group



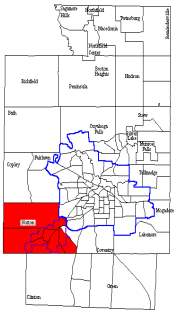
Neighborhoods:
Chapel Hill, East Akron, Ellet, Goodyear Heights, and North Hill.

Census Tracts:
5021.01, 5021.02, 5022, 5023, 5026, 5027, 5028, 5032, 5033, 5035, 5036, 5037.01, 5037.02, 5038, and 5076.

1997-1998 Mortality Profile	Akron's East Group			All Groups		
15 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	1,313	924.77	73.32	9,178	845.28	74.37
Heart Disease	405	285.25	76.48	2,916	268.56	77.10
Lung Cancer	100	70.43	71.60	653	60.14	70.59
Cerebrovascular Disease	78	54.94	77.99	629	57.93	79.30
COPD	62	43.67	75.72	555	51.11	76.65
Diabetes	42	29.58	75.14	287	26.43	75.33
Colorectal Cancer	38	26.76	72.16	202	18.60	76.11
Pneumonia & Influenza	34	23.95	77.89	239	22.01	80.13
Kidney Disease	24	16.90	77.54	158	14.55	78.12
Prostate Cancer	23	16.20	73.14	141	12.99	77.64
Suicide	18	12.68*	50.72	99	9.12	48.35
Chronic Liver Disease / Cirrhosis	18	12.68*	57.56	126	11.60	61.09
Female Breast Cancer	17	11.97*	65.58	153	14.09	68.23
Cancer of Pancreas	14	9.86*	73.60	110	10.13	70.81
Motor Vehicle Traffic Accidents	14	9.86*	41.29	88	8.10	41.94
Cancer of Cervix, Uterus, & Ovaries	13	9.16*	71.93	110	10.13	68.98

* rate is not statistically reliable due to low number of events

Barberton Health District Census Tract Group



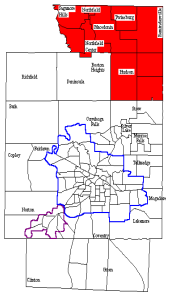
Encompasses:
Barberton and Norton

Census Tracts:
5101, 5102, 5103.01, 5103.02, 5104, 5105, 5320.01, and 5320.02.

1997-1998 Mortality Profile	Barberton Health District Group			All Groups		
15 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	780	978.20	74.58	9,178	845.28	74.37
Heart Disease	298	373.72	76.94	2,916	268.56	77.10
Cerebrovascular Disease	68	85.28	81.01	629	57.93	79.30
Lung Cancer	66	82.77	70.74	653	60.14	70.59
COPD	61	76.50	77.94	555	51.11	76.65
Diabetes	38	47.66	76.26	287	26.43	75.33
Pneumonia & Influenza	26	32.61	81.17	239	22.01	80.13
Colorectal Cancer	17	21.32*	72.63	202	18.60	76.11
Female Breast Cancer	15	18.81*	73.88	153	14.09	68.23
Chronic Liver Disease / Cirrhosis	14	17.56*	65.85	126	11.60	61.09
Cancer of Pancreas	13	16.30*	72.73	110	10.13	70.81
Kidney Disease	12	15.05*	79.40	158	14.55	78.12
Motor Vehicle Traffic Accidents	10	12.54*	46.71	88	8.10	41.94
Cancer of Cervix, Uterus, & Ovaries	9	11.29*	64.44	110	10.13	68.98
Prostate Cancer	9	11.29*	76.71	141	12.99	77.64
Homicide	6	7.52*	48.25	38	3.50	38.22

* rate is not statistically reliable due to low number of events

Summit County's Northeast Census Tract Group



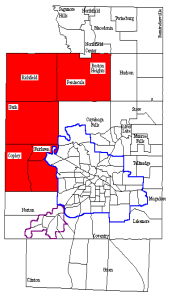
Encompasses:
Hudson, Macedonia, Northfield, Northfield Center, Reminderville, Sagamore Hills, and Twinsburg

Census Tracts:
5301.01, 5301.02, 5327.01, 5327.02, 5327.03, 5327.05, 5327.06, 5331, 5332, and 5333.

1997-1998 Mortality Profile	Summit County's Northeast Group			All Groups		
15 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	638	447.61	74.20	9,178	845.28	74.37
Heart Disease	234	164.17	76.45	2,916	268.56	77.10
Lung Cancer	57	39.99	71.74	653	60.14	70.59
Cerebrovascular Disease	39	27.36	78.69	629	57.93	79.30
COPD	38	26.66	80.04	555	51.11	76.65
Diabetes	26	18.24	74.70	287	26.43	75.33
Colorectal Cancer	26	18.24	79.35	202	18.60	76.11
Pneumonia & Influenza	22	15.43	81.55	239	22.01	80.13
Female Breast Cancer	19	13.33*	61.81	153	14.09	68.23
Kidney Disease	14	9.82*	80.42	158	14.55	78.12
Prostate Cancer	12	8.42*	75.10	141	12.99	77.64
Cancer of Pancreas	10	7.02*	59.40	110	10.13	70.81
Cancer of Cervix, Uterus, & Ovaries	10	7.02*	70.80	110	10.13	68.98
Chronic Liver Disease / Cirrhosis	9	6.31*	71.83	126	11.60	61.09
Motor Vehicle Traffic Accidents	9	6.31*	36.50	88	8.10	41.94
Suicide	6	4.21*	50.83	99	9.12	48.35

* rate is not statistically reliable due to low number of events

Summit County's Northwest Census Tract Group



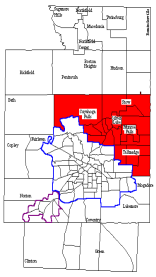
Encompasses:
Bath, Boston Heights, Copley, Fairlawn, Peninsula, and Richfield.

Census Tracts:
5322.02, 5323, 5325, 5326, 5334, and 5335.

1997-1998 Mortality Profile	Summit County's Northwest Group			All Groups		
15 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	645	806.65	79.33	9,178	845.28	74.37
Heart Disease	245	306.40	81.68	2,916	268.56	77.10
Cerebrovascular Disease	68	85.04	80.94	629	57.93	79.30
Lung Cancer	43	53.78	72.98	653	60.14	70.59
COPD	32	40.02	79.25	555	51.11	76.65
Pneumonia & Influenza	22	27.51	87.5	239	22.01	80.13
Female Breast Cancer	19	23.76*	77.21	153	14.09	68.23
Diabetes	17	21.26*	72.88	287	26.43	75.33
Prostate Cancer	13	16.26*	81.23	141	12.99	77.64
Colorectal Cancer	11	13.76*	82.27	202	18.60	76.11
Kidney Disease	11	13.76*	73.82	158	14.55	78.12
Alzheimer's Disease	8	10.01*	85.00	79	7.28	83.35
Cancer of Pancreas	7	8.75*	62.71	110	10.13	70.81
Cancer of Cervix, Uterus, & Ovaries	6	7.50*	71.83	110	10.13	68.98
Chronic Liver Disease / Cirrhosis	5	6.25*	68.00	126	11.60	61.09
Motor Vehicle Traffic Accidents	5	6.25*	55.6	88	8.10	41.94

*rate is not statistically reliable due to low number of events

Summit County's East Census Tract Group



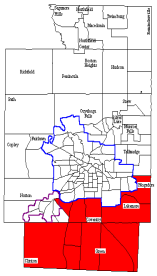
Encompasses:
Cuyahoga Falls, Munroe Falls, Silver Lake, Stow, and Tallmadge.

Census Tracts:
5201.01, 5201.02, 5202, 5203, 5204, 5205, 5206, 5304, 5305, 5306.01, 5306.02, 5307, 5308.01, 5308.02, 5309.01, 5309.02, 5309.03, and 5329.

1997-1998 Mortality Profile	Summit County's East Group			All Groups		
15 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	1,589	744.76	76.28	9,178	845.28	74.37
Heart Disease	510	239.04	76.11	2,916	268.56	77.10
Cerebrovascular Disease	127	59.52	80.20	629	57.93	79.30
Lung Cancer	109	51.09	71.21	653	60.14	70.59
COPD	103	48.28	78.26	555	51.11	76.65
Diabetes	51	23.90	76.99	287	26.43	75.33
Pneumonia & Influenza	38	17.81	83.82	239	22.01	80.13
Colorectal Cancer	36	16.87	75.73	202	18.60	76.11
Kidney Disease	30	14.06	81.59	158	14.55	78.12
Female Breast Cancer	29	13.59	65.77	153	14.09	68.23
Alzheimer's Disease	24	11.25	81.17	79	7.28	83.35
Chronic Liver Disease / Cirrhosis	22	10.31	61.57	126	11.60	61.09
Cancer of Pancreas	22	10.31	69.46	110	10.13	70.81
Cancer of Cervix, Uterus, & Ovaries	20	9.37	71.41	110	10.13	68.98
Accidental Falls	16	7.50*	70.44	62	5.71	73.08
Suicide	15	7.03*	56.43	99	9.12	48.35

* rate is not statistically reliable due to low number of events

Summit County's South Census Tract Group



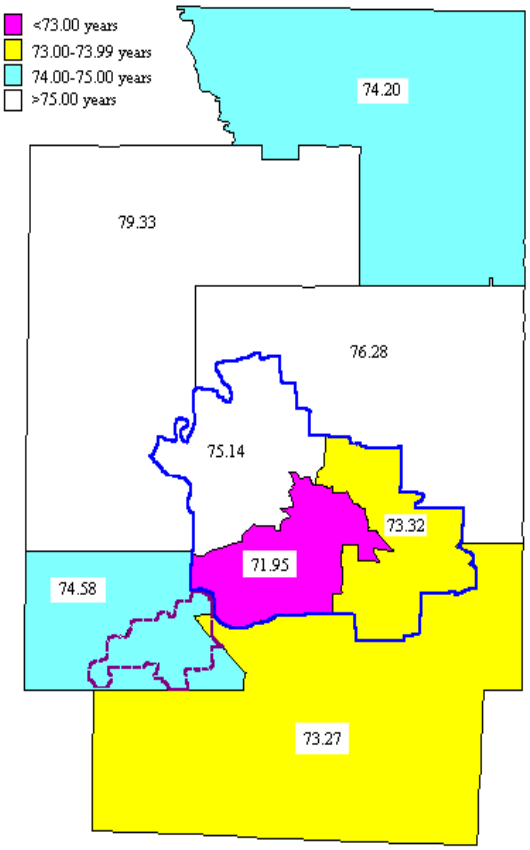
Encompasses:
Clinton, Coventry, Franklin, Green, Lakemore, and Mogadore.

Census Tracts:
5310, 5311, 5314.01, 5314.02, 5315, 5316.01, 5316.02, 5317, 5318.01, 5318.02 and 5330.

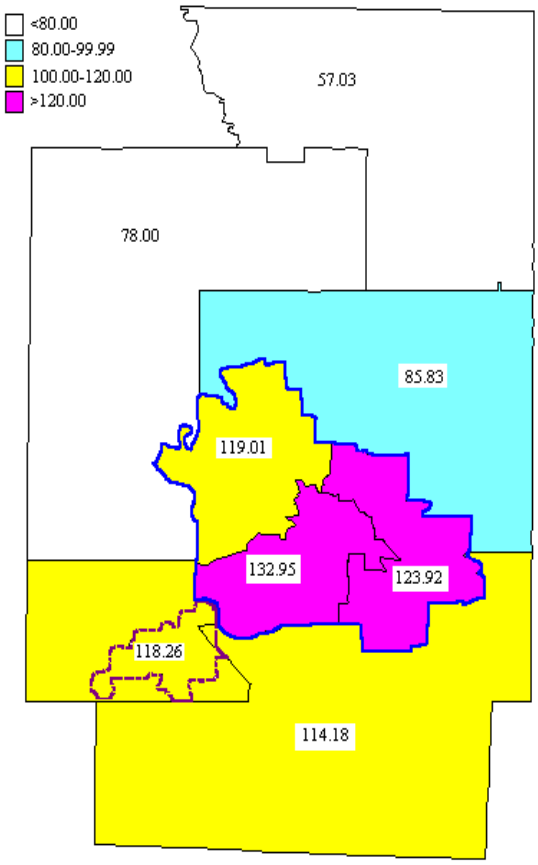
1997-1998 Mortality Profile	Summit County's South Group			All Groups		
15 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	1,186	852.11	73.27	9,178	845.28	74.37
Heart Disease	365	262.24	76.40	2,916	268.56	77.10
Lung Cancer	85	61.07	68.56	653	60.14	70.59
COPD	77	55.32	73.76	555	51.11	76.65
Cerebrovascular Disease	73	52.45	77.93	629	57.93	79.30
Diabetes	32	22.99	75.31	287	26.43	75.33
Colorectal Cancer	22	15.81	76.67	202	18.60	76.11
Pneumonia & Influenza	22	15.81	77.68	239	22.01	80.13
Prostate Cancer	18	12.93*	76.43	141	12.99	77.64
Suicide	17	12.21*	47.88	99	9.12	48.35
Cancer of Pancreas	17	12.21*	74.12	110	10.13	70.81
Cancer of Cervix, Uterus, & Ovaries	17	12.21*	67.35	110	10.13	68.98
Motor Vehicle Traffic Accidents	17	12.21*	50.69	88	8.10	41.94
Chronic Liver Disease / Cirrhosis	15	10.78*	66.53	126	11.60	61.09
Kidney Disease	14	10.06*	76.71	158	14.55	78.12
Female Breast Cancer	12	8.62*	63.08	153	14.09	68.23

* rate is not statistically reliable due to low number of events

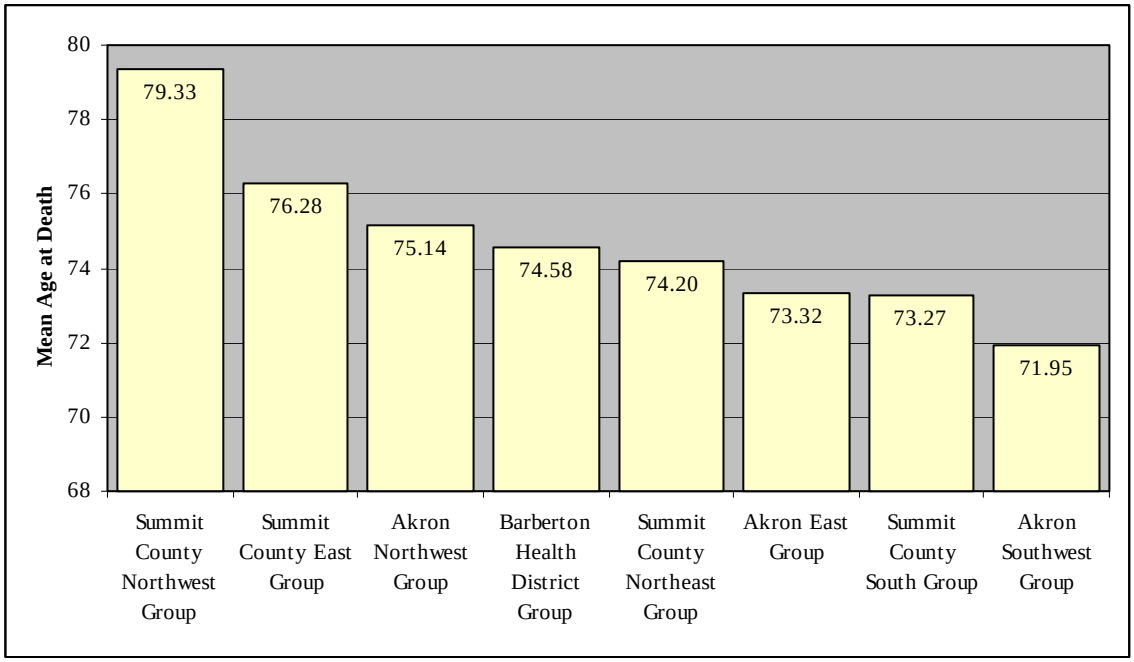
1997-1998 Mean Age at Death Due to All Causes of Death



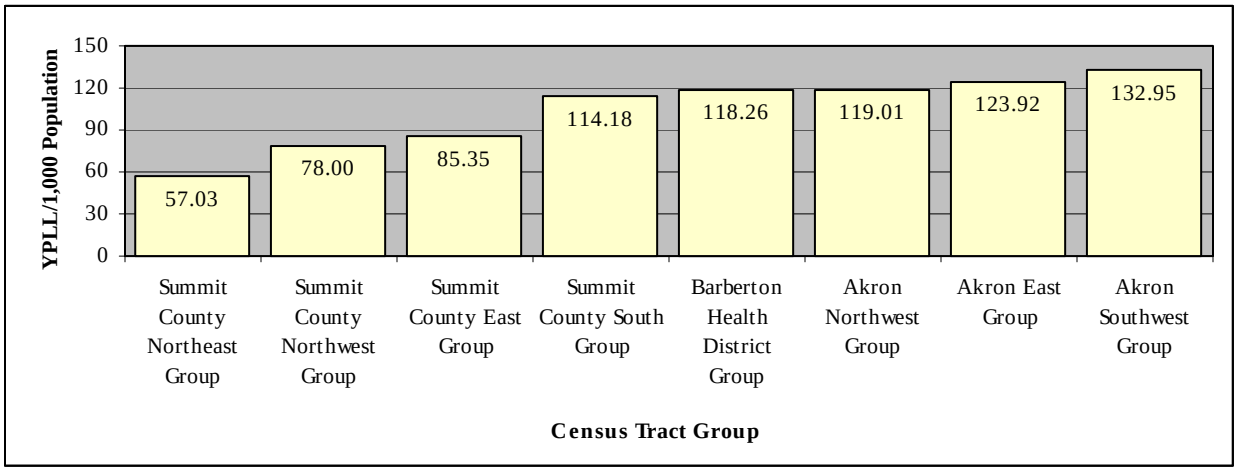
1997-1998 Years of Potential Life Lost (per 1,000 Population) All Causes of Death



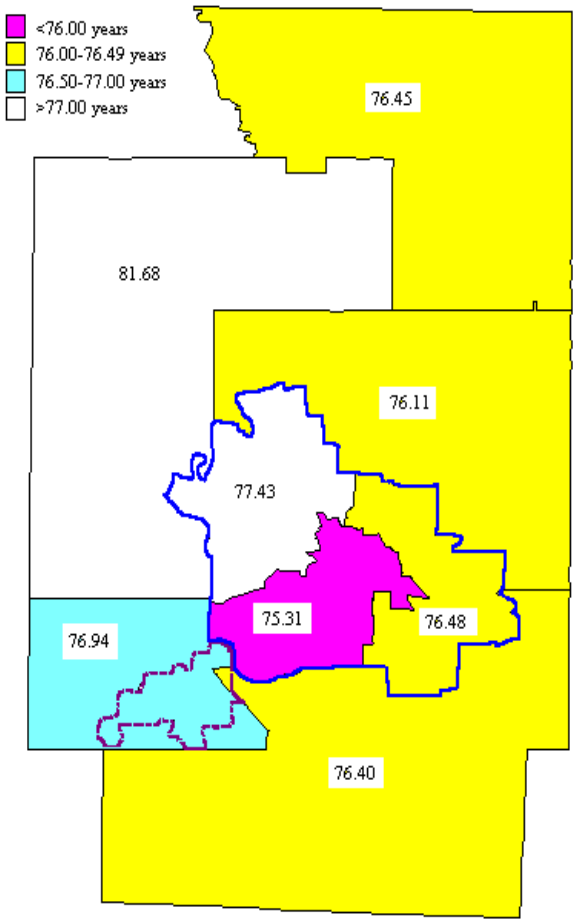
1997-1998 Mean Age at Death Due to All Causes of Death



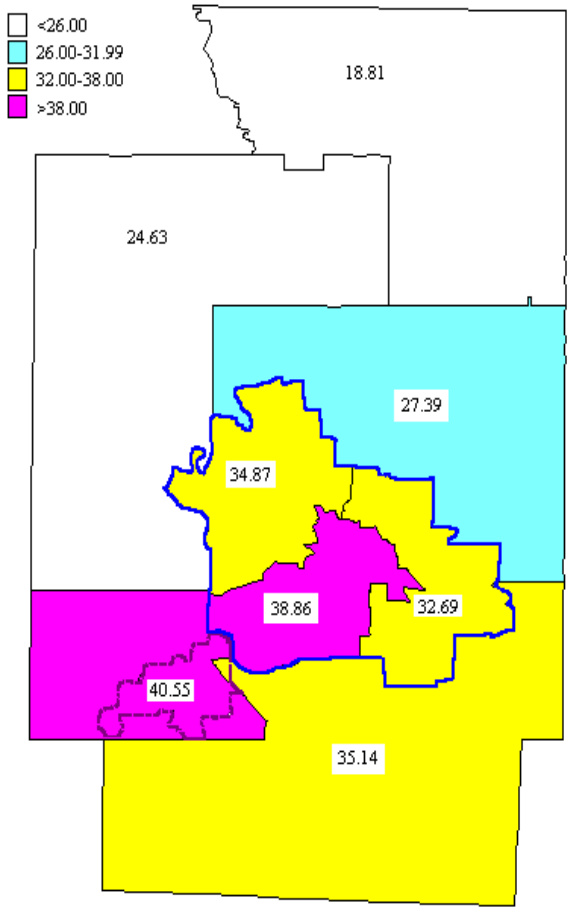
1997-1998 Years of Potential Life Lost (per 1,000 population)
All Causes of Death



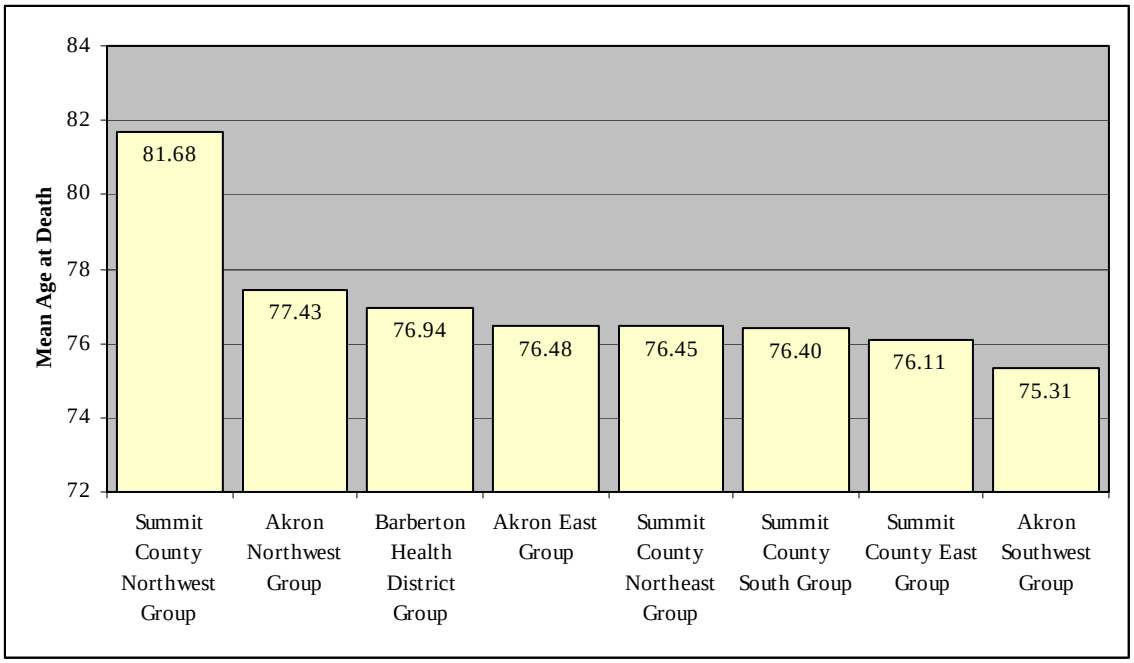
1997-1998 Mean Age at Death Due to Heart Disease



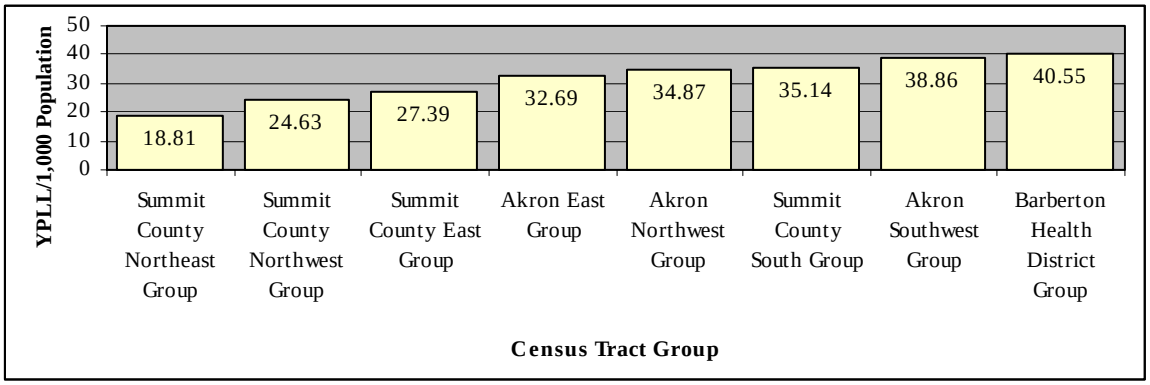
1997-1998 Years of Potential Life Lost (per 1,000 Population) Heart Disease



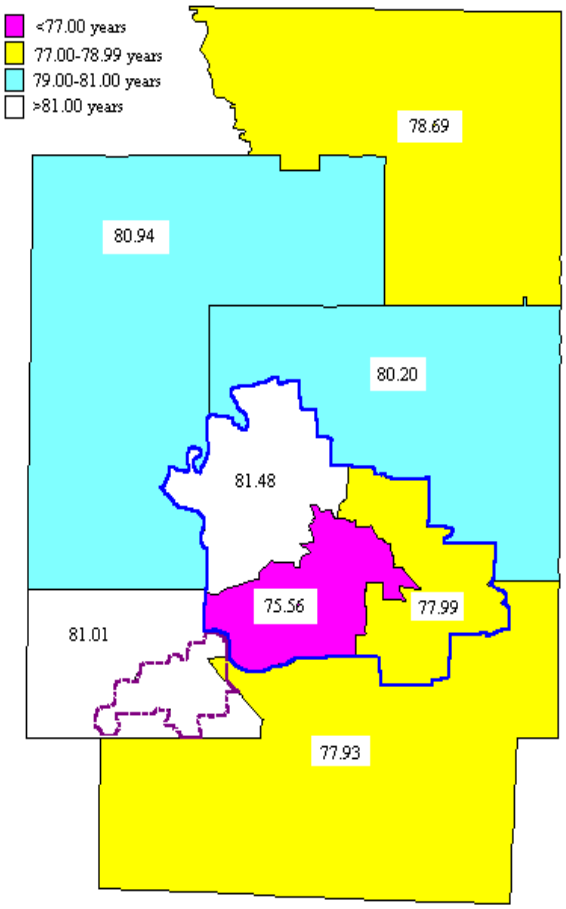
1997-1998 Mean Age at Death Due to Heart Disease



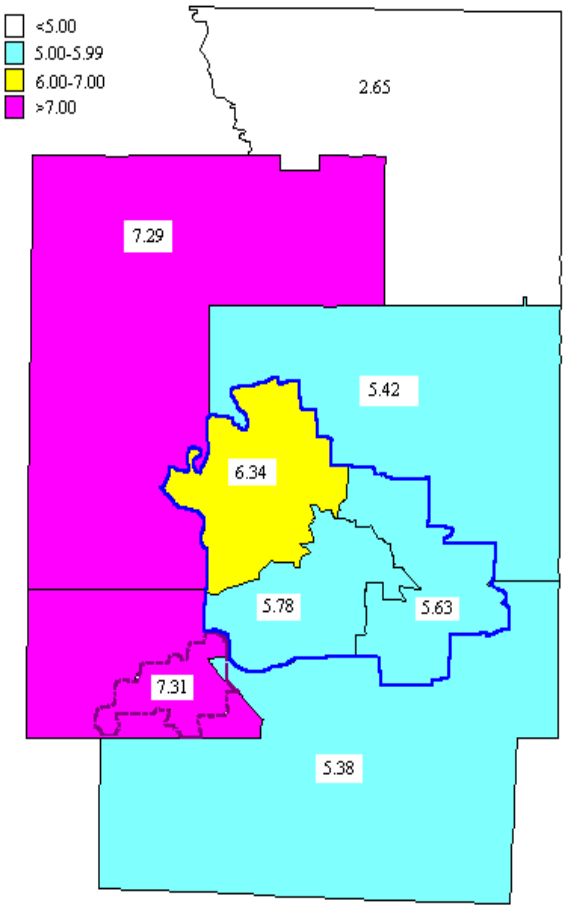
1997-1998 Years of Potential Life Lost (per 1,000 population)
Heart Disease



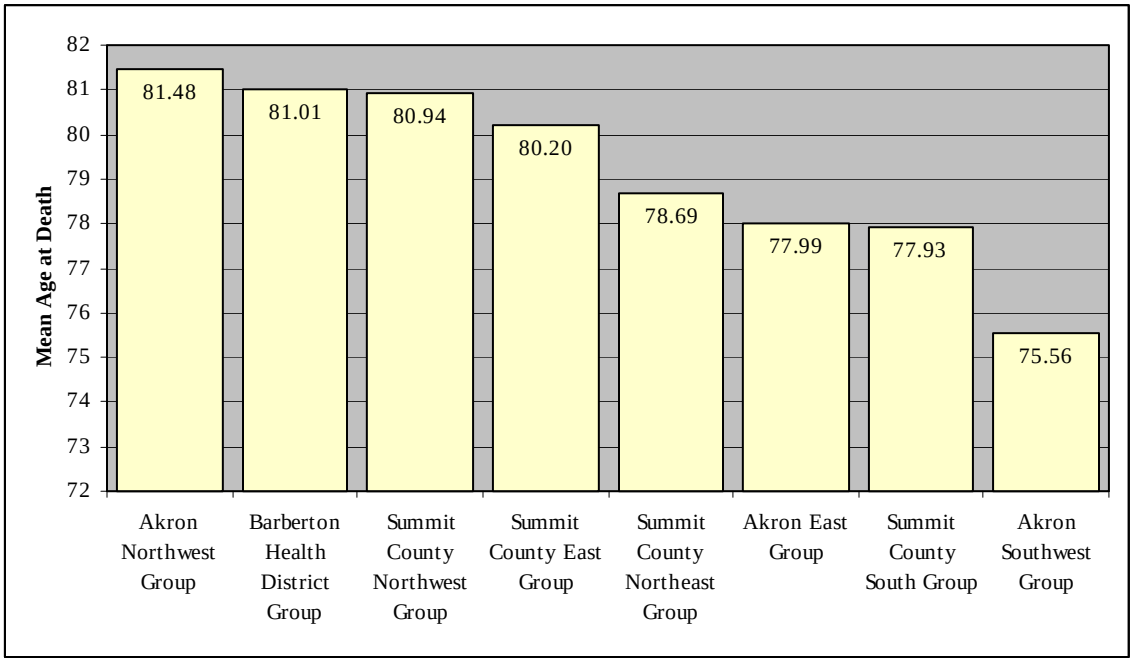
1997-1998 Mean Age at Death Due to Cerebrovascular Disease



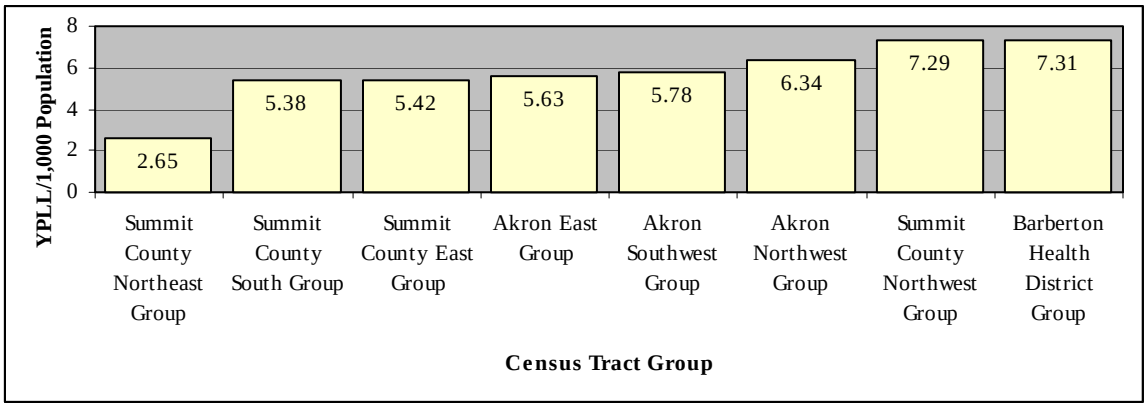
1997-1998 Years of Potential Life Lost (per 1,000 Population) Cerebrovascular Disease



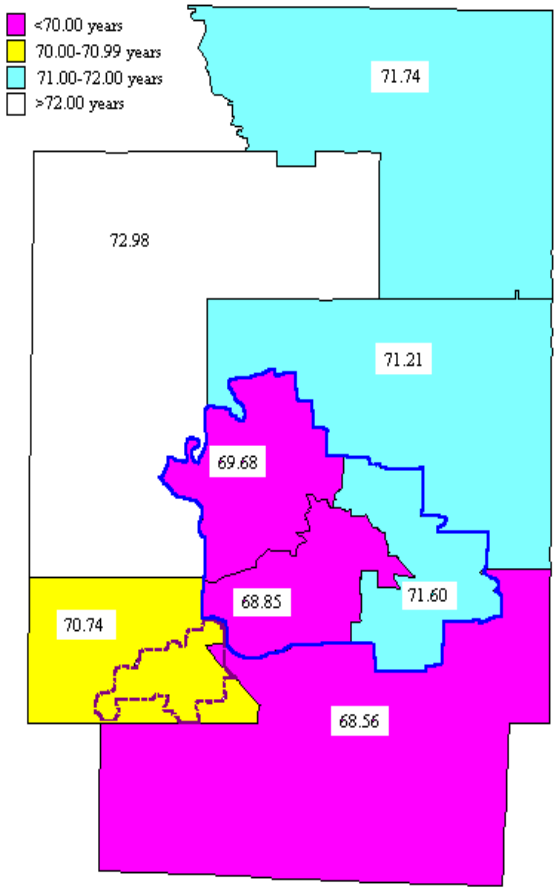
1997-1998 Mean Age at Death Due to Cerebrovascular Disease



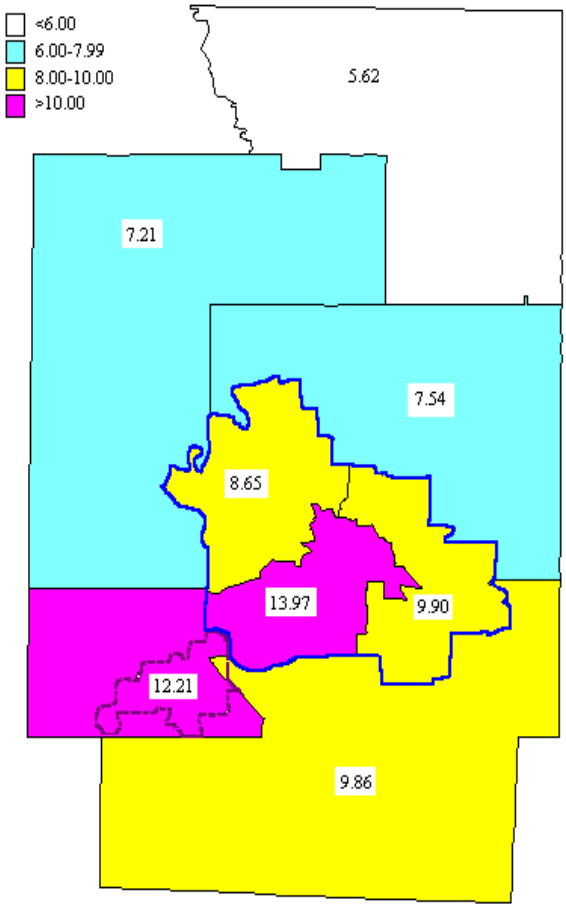
1997-1998 Years of Potential Life Lost (per 1,000 population)
Cerebrovascular Disease



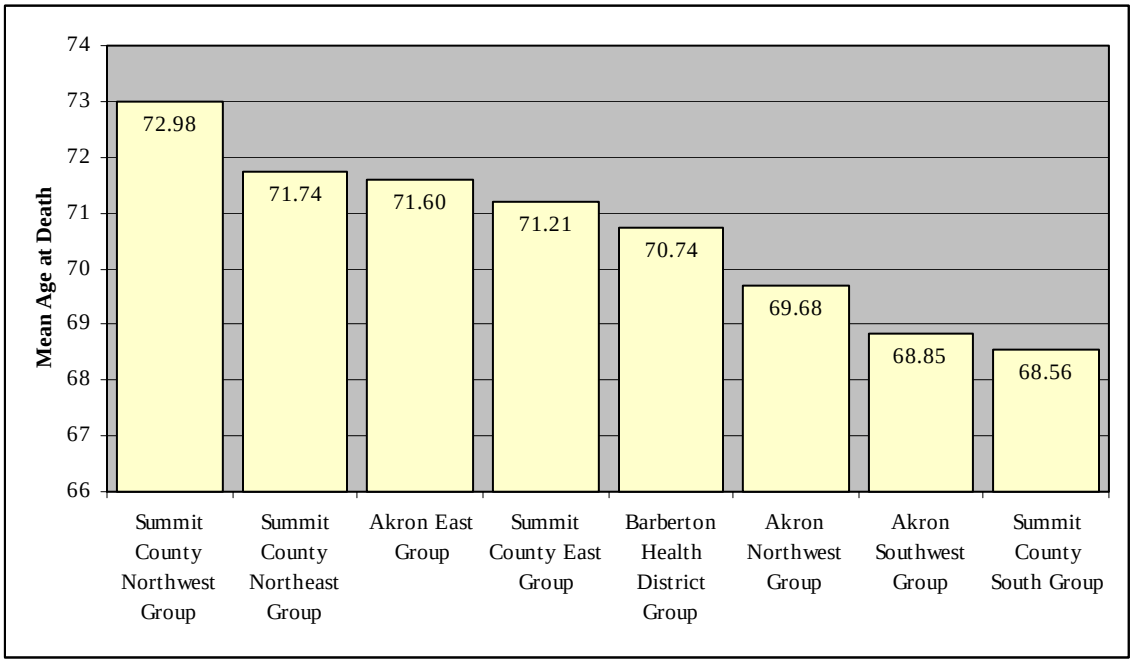
1997-1998 Mean Age at Death Due to Lung Cancer



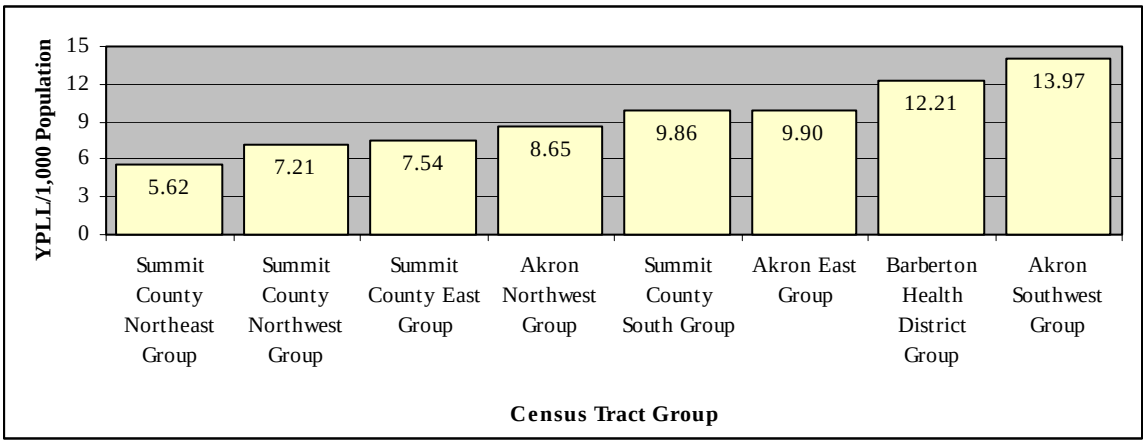
1997-1998 Years of Potential Life Lost (per 1,000 Population) Lung Cancer



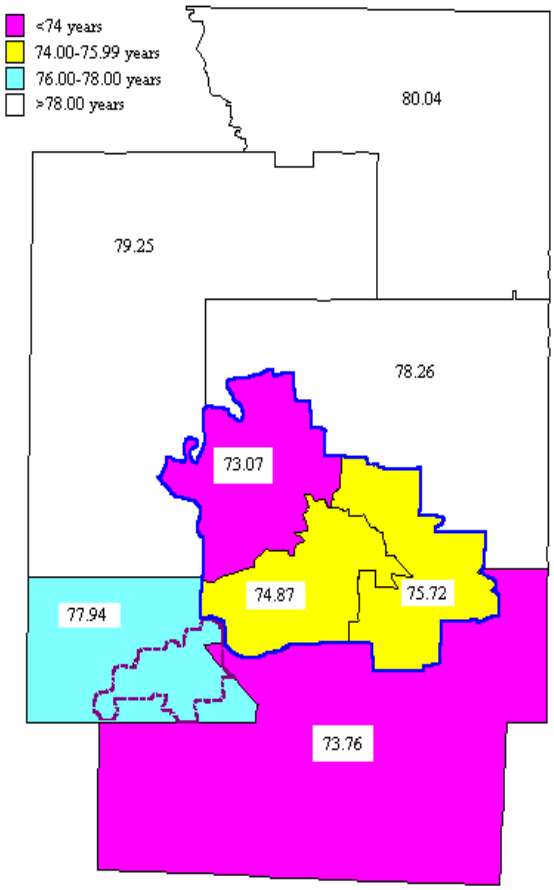
1997-1998 Mean Age at Death Due to Lung Cancer



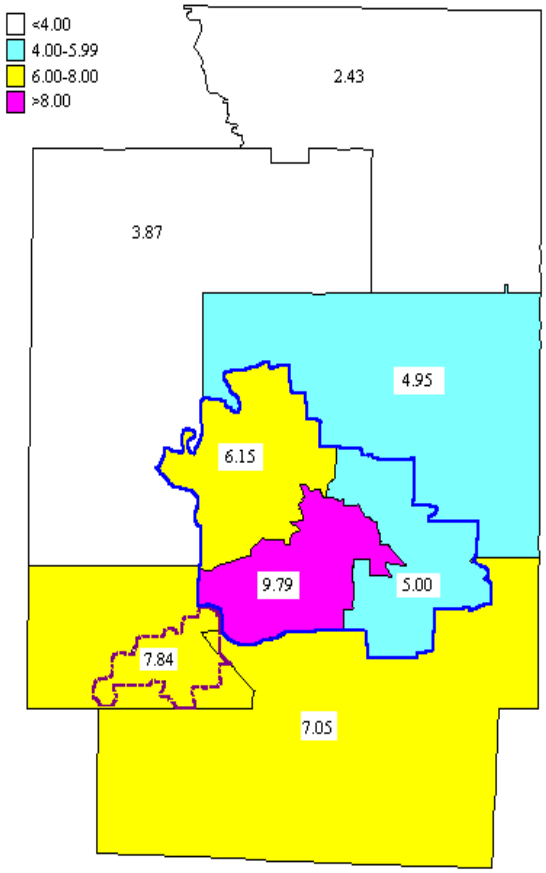
1997-1998 Years of Potential Life Lost (per 1,000 population)
Lung Cancer



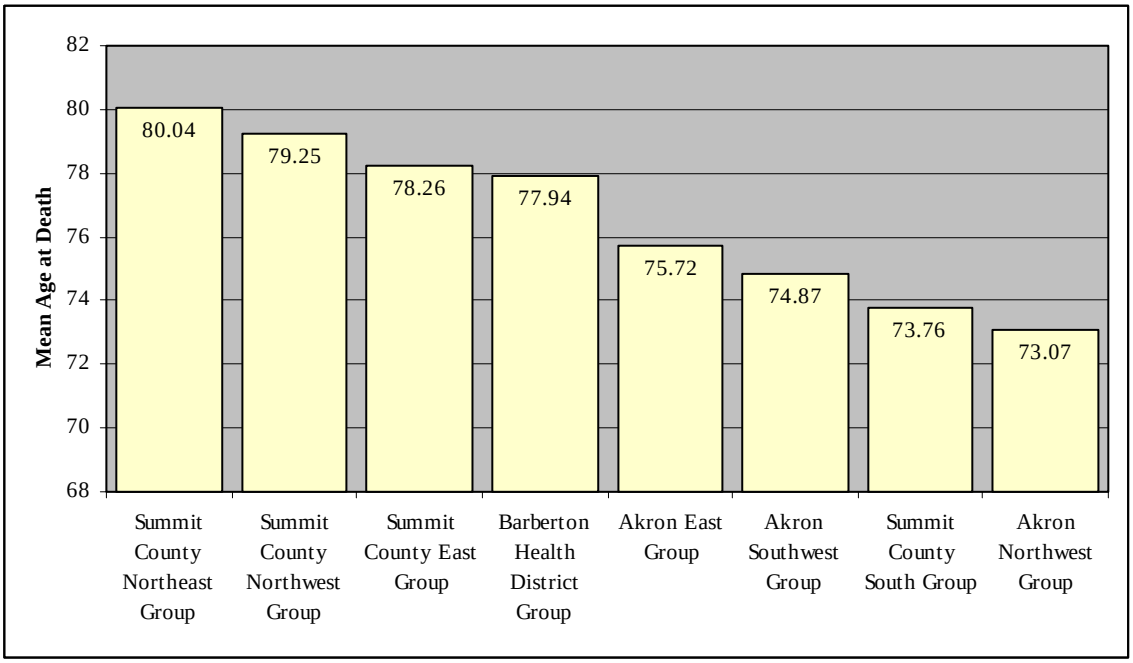
1997-1998 Mean Age at Death Due to COPD



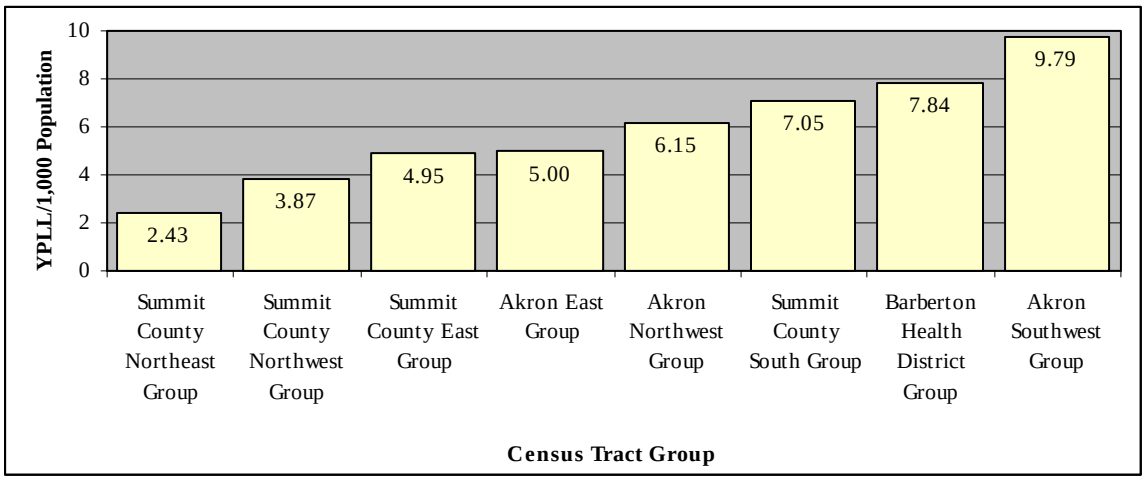
1997-1998 Years of Potential Life Lost (per 1,000 Population) COPD



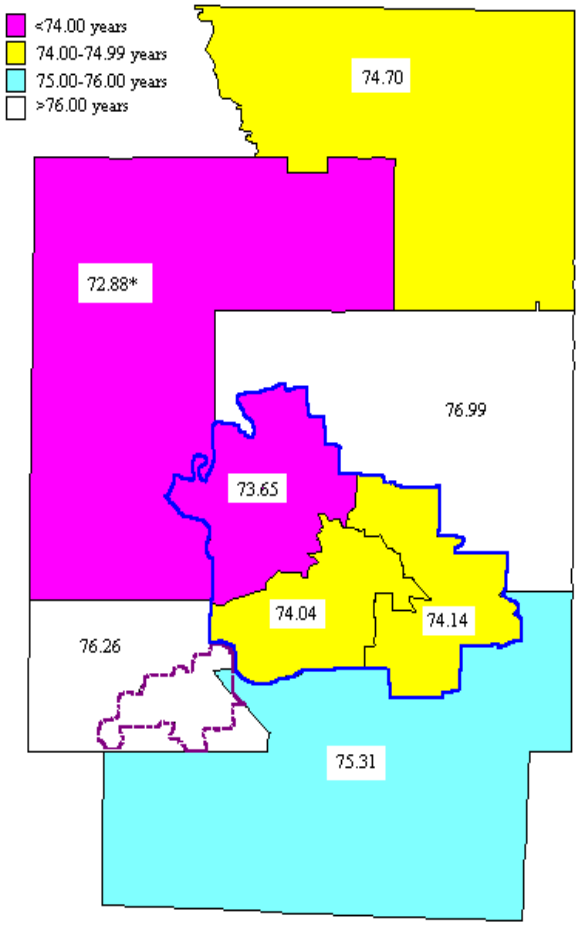
1997-1998 Mean Age at Death Due to Chronic Obstructive Pulmonary Disease (COPD)



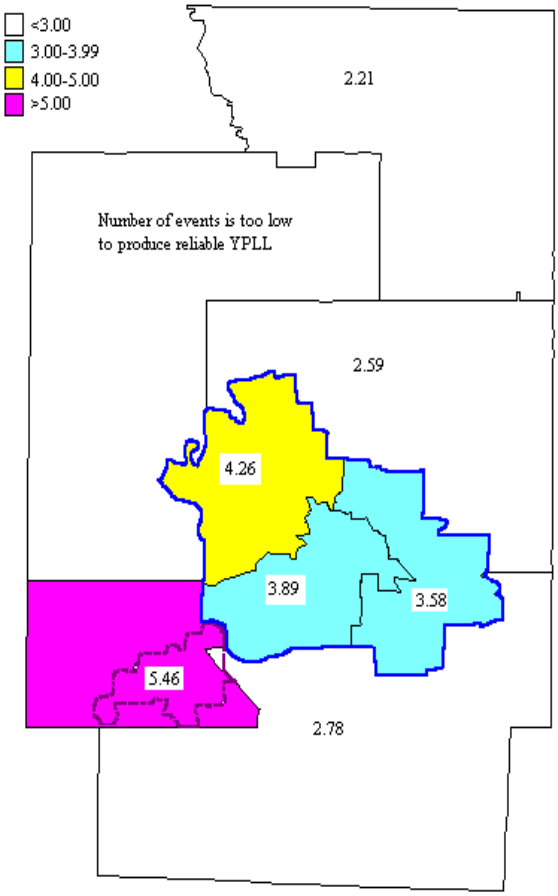
1997-1998 Years of Potential Life Lost (per 1,000 Population) COPD



1997-1998 Mean Age at Death Due to Diabetes

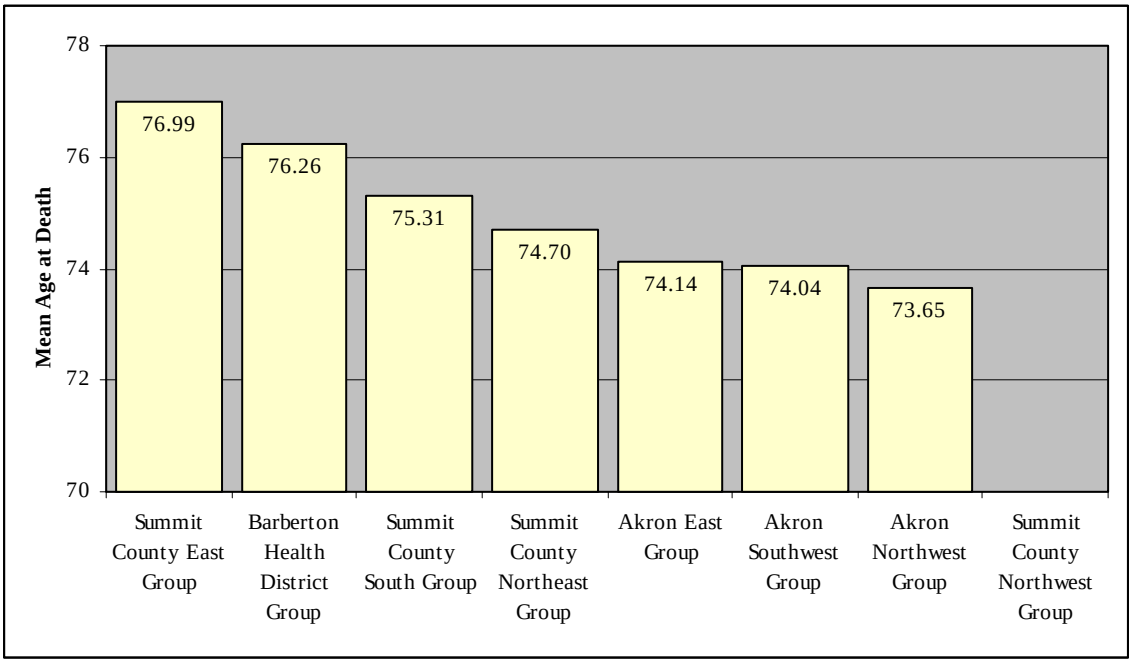


1997-1998 Years of Potential Life Lost (per 1,000 Population) Diabetes

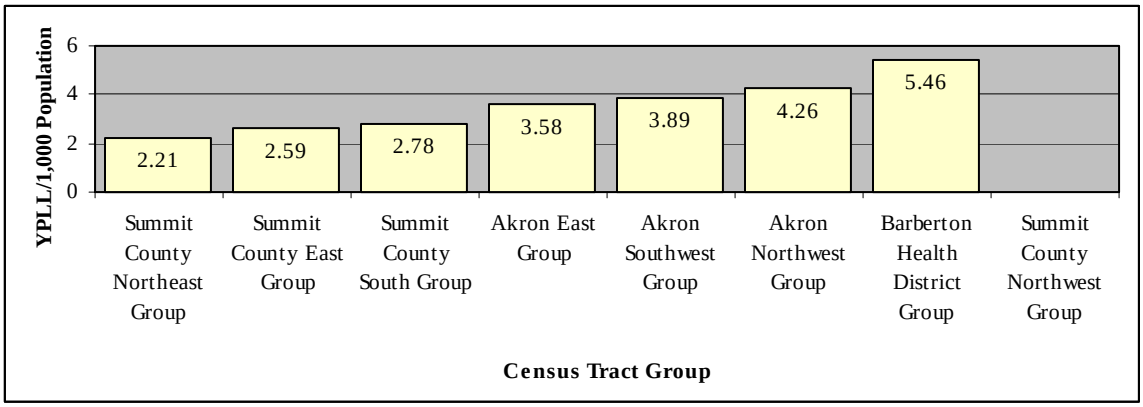


* denotes unreliable statistic due to low number of events (<10 per annum)

1997-1998 Mean Age at Death Due to Diabetes

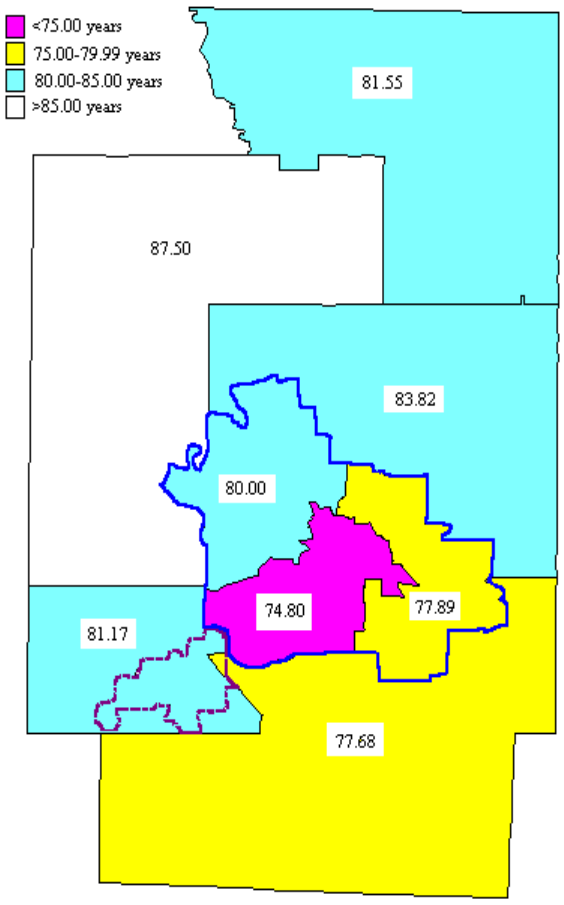


1997-1998 Years of Potential Life Lost (per 1,000 Population)
Diabetes

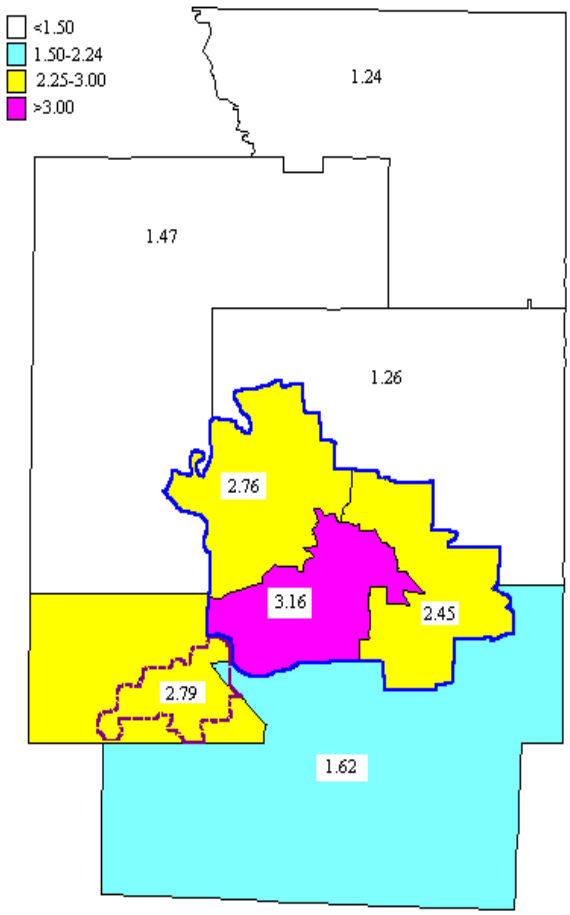


(Data are not displayed on the graph if the number of events is < 10 per annum)

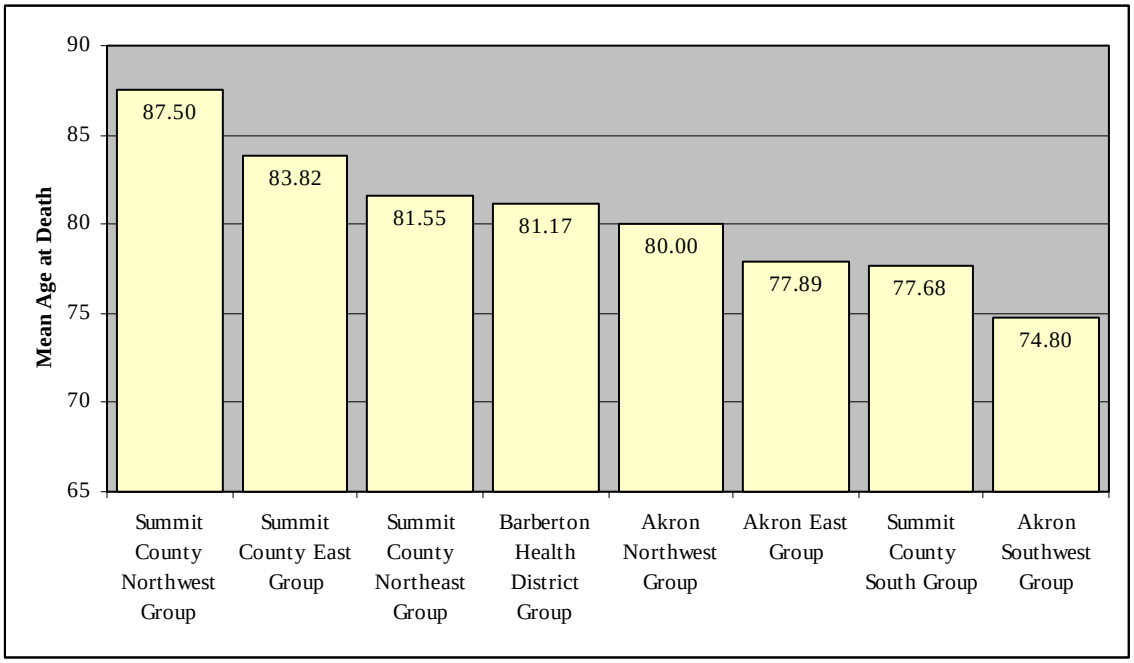
1997-1998 Mean Age at Death Due to Pneumonia/Influenza



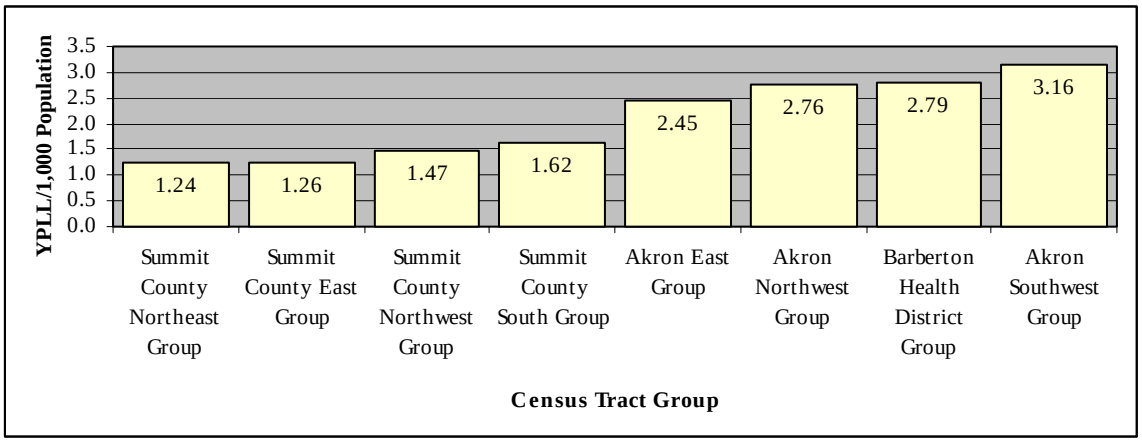
1997-1998 Years of Potential Life Lost (per 1,000 Population) Pneumonia/Influenza



1997-1998 Mean Age at Death Due to Pneumonia / Influenza

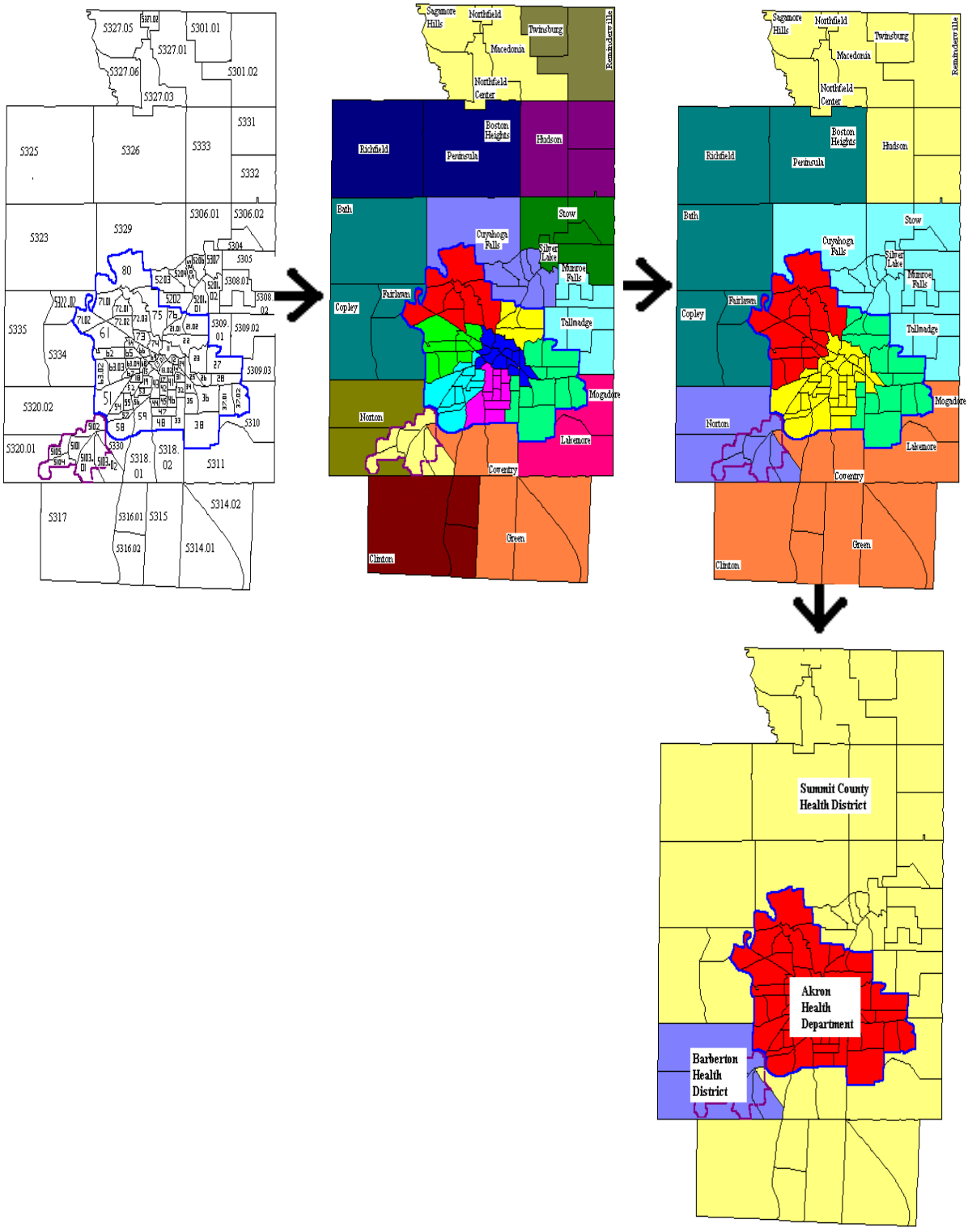


1997-1998 Years of Potential Life Lost (per 1,000 Population)
Pneumonia / Influenza

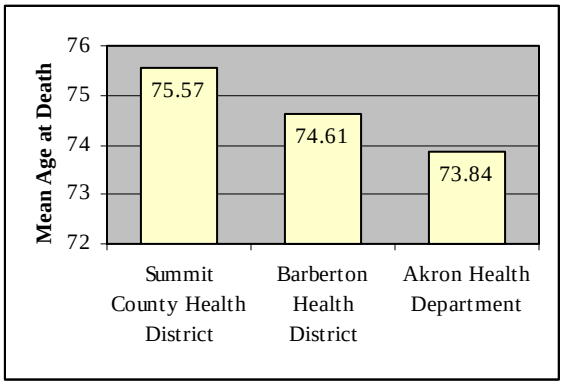


3 Summit County Health Districts

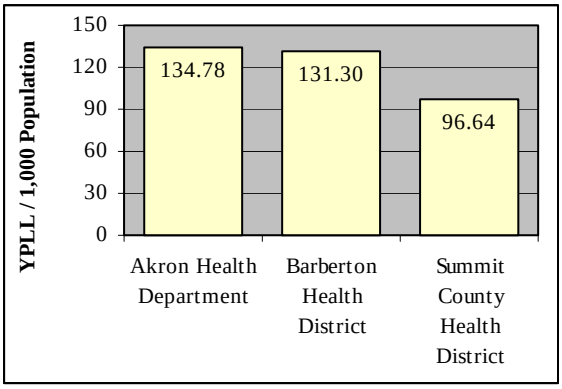
Matching census tract cluster groups to the jurisdictions of the Akron Health Department, the Barberton Health District, and the Summit County Health District



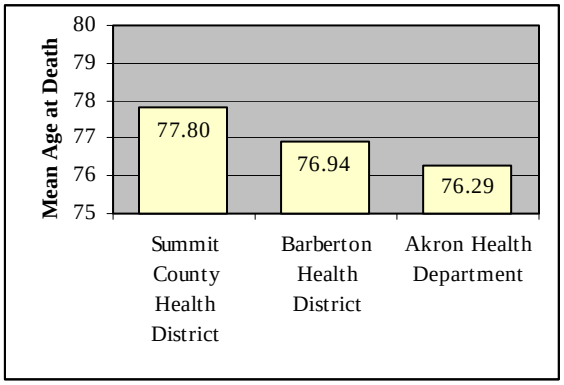
1997-1998 Mean Age at Death
Due to All Causes



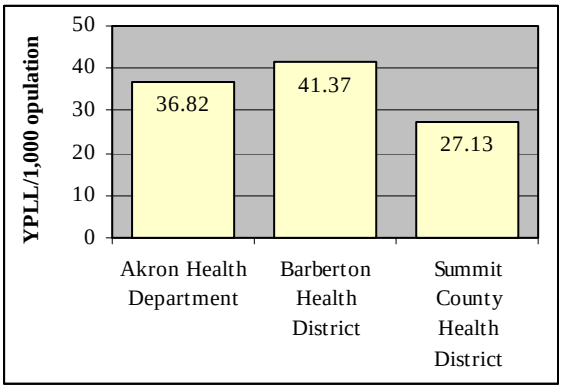
1997-1998 Years of Potential Life Lost
(per 1,000 Population)
Due to All Causes



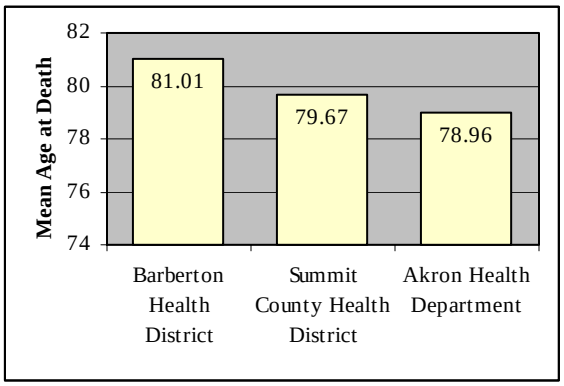
1997-1998 Mean Age at Death
Due to Heart Disease



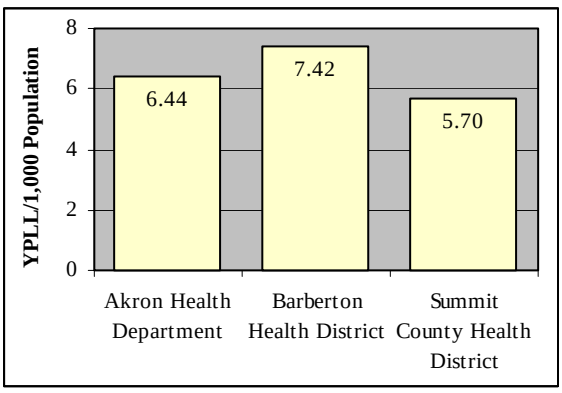
1997-1998 Years of Potential Life Lost
(per 1,000 Population)
Due to Heart Disease



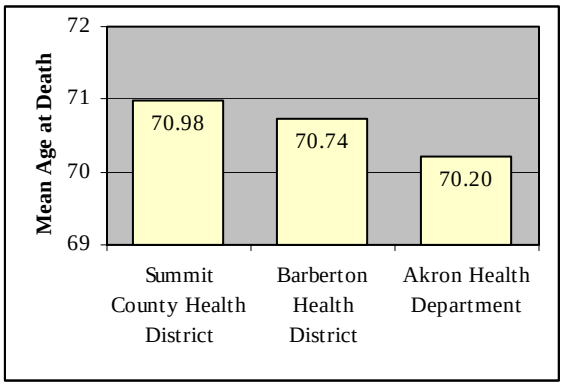
1997-1998 Mean Age at Death
Due to Cerebrovascular Disease



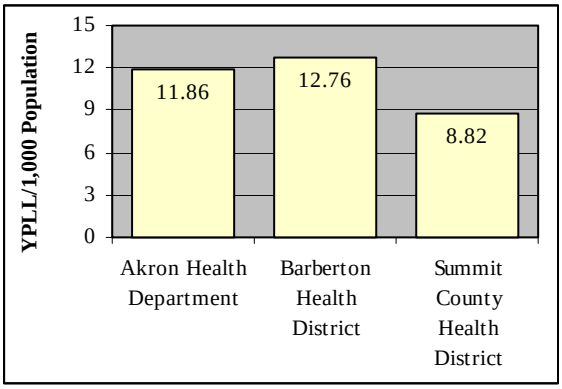
1997-1998 Years of Potential Life Lost
(per 1,000 Population)
Due to Cerebrovascular Disease



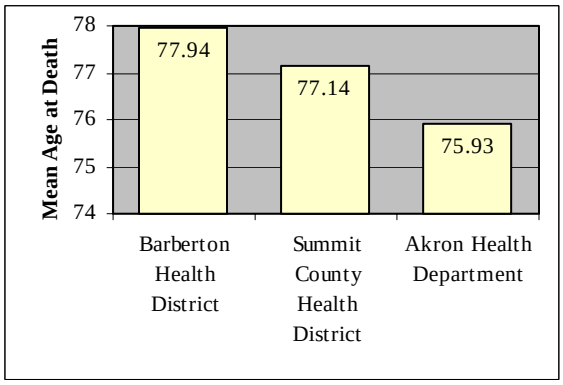
1997-1998 Mean Age at Death Due to Lung Cancer



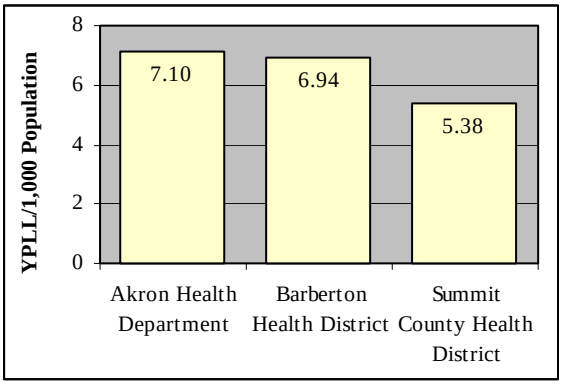
1997-1998 Years of Potential Life Lost (per 1,000 Population) Due to Lung Cancer



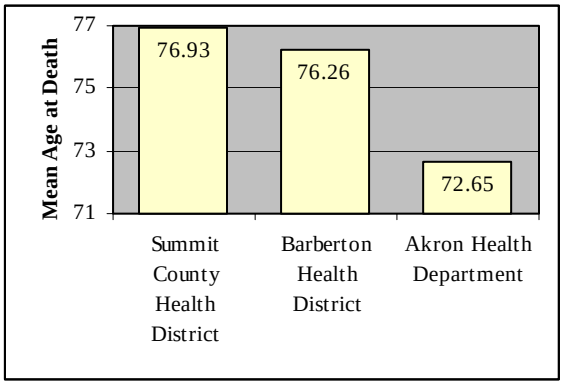
1997-1998 Mean Age at Death Due to COPD



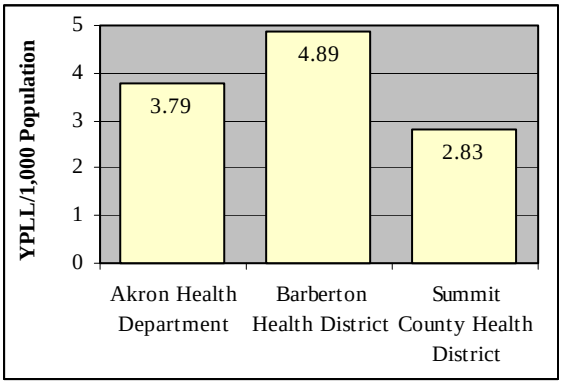
1997-1998 Years of Potential Life Lost (per 1,000 Population) Due to COPD



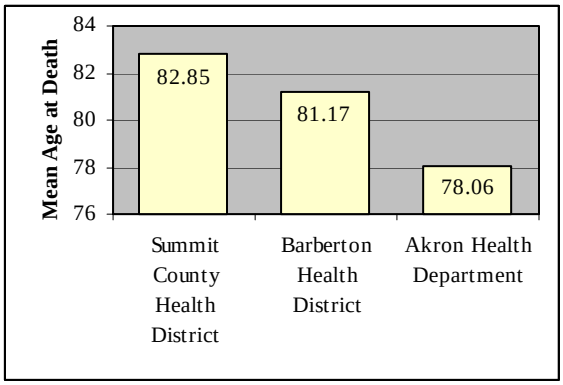
1997-1998 Mean Age at Death Due to Diabetes



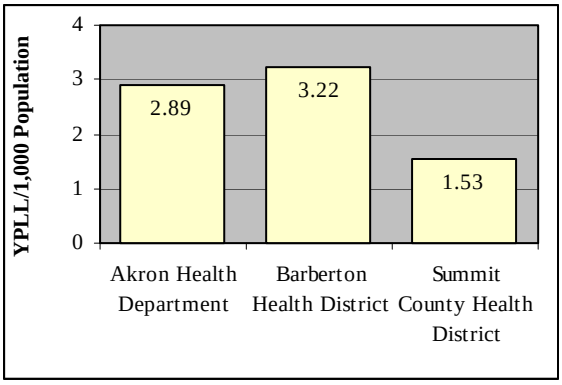
1997-1998 Years of Potential Life Lost (per 1,000 Population) Due to Diabetes



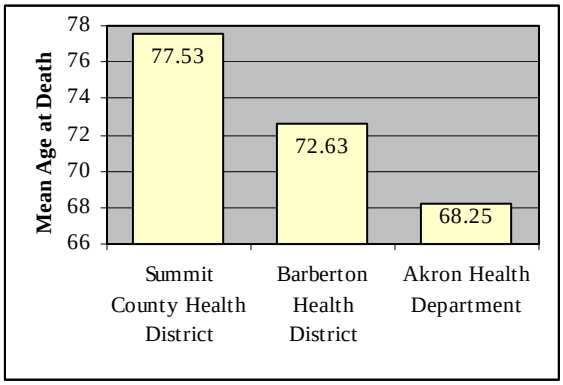
1997-1998 Mean Age at Death
Due to Pneumonia / Influenza



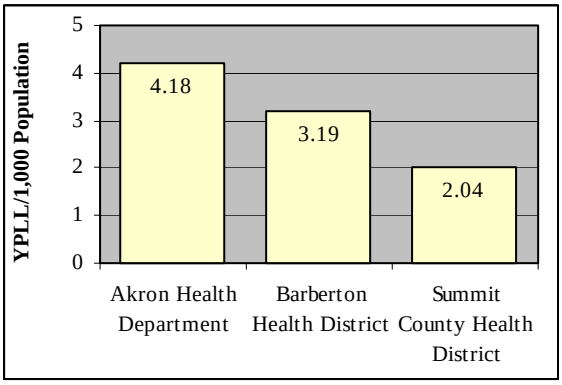
1997-1998 Years of Potential Life Lost
(per 1,000 Population)
Due to Pneumonia / Influenza



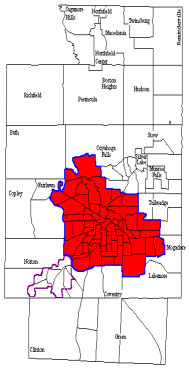
1997-1998 Mean Age at Death
Due to Colorectal Cancer



1997-1998 Years of Potential Life Lost
(per 1,000 Population)
Due to Colorectal Cancer



Akron Health Department

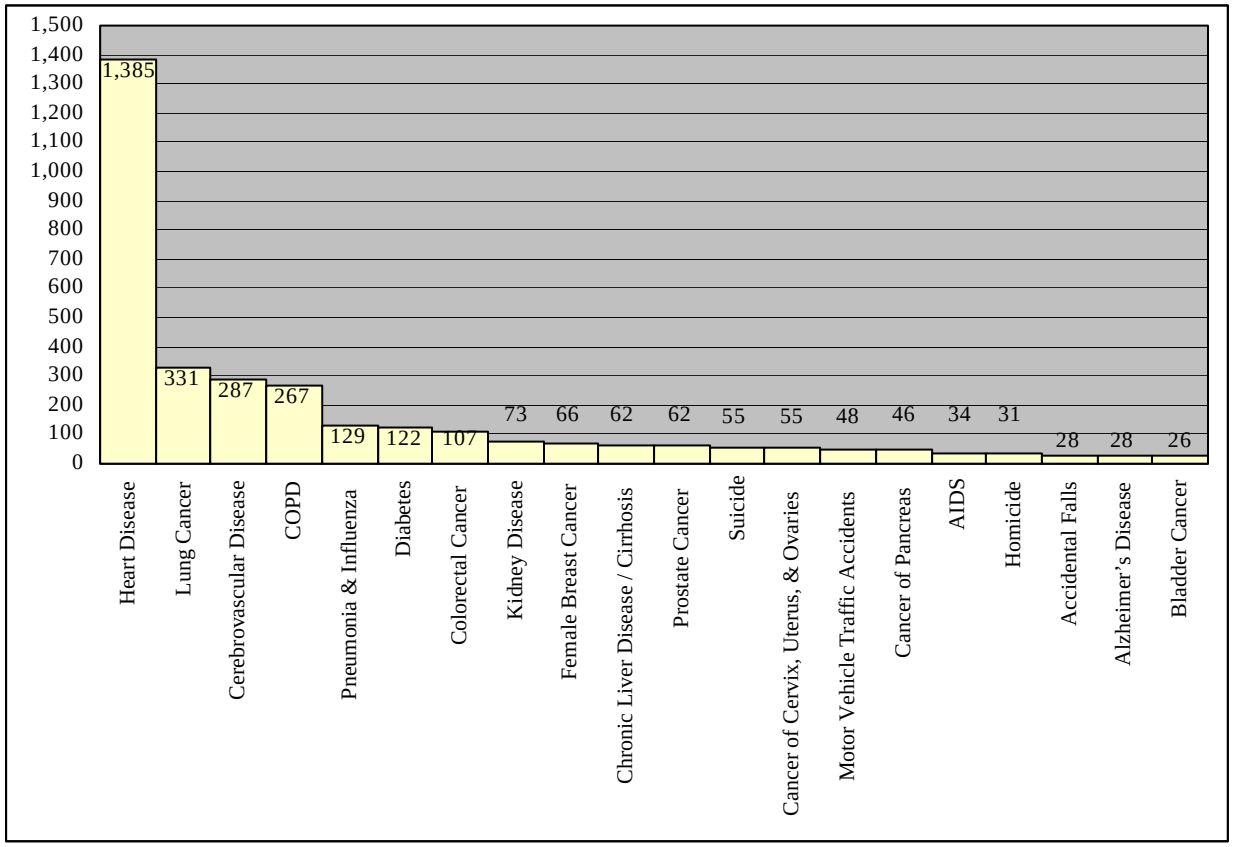


1997-1998 Mortality Profile	Akron Health Department			All 3 Departments		
25 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	4,560	1,057.94	73.84	10,275	946.31	74.72
Heart Disease	1,385	321.33	76.29	3,211	295.73	77.07
Lung Cancer	331	76.79	70.20	744	68.52	70.61
Cerebrovascular Disease	287	66.59	78.96	716	65.94	79.51
COPD	267	61.95	75.93	606	55.81	76.68
Pneumonia & Influenza	129	29.93	78.06	284	26.16	80.50
Diabetes	122	28.30	72.65	306	28.18	75.15
Colorectal Cancer	107	24.82	68.25	234	21.55	72.89
Kidney Disease	73	16.94	75.92	161	14.83	78.03
Female Breast Cancer	66	15.31	67.44	148	13.63	67.22
Chronic Liver Disease / Cirrhosis	62	14.38	55.37	130	11.97	60.55
Prostate Cancer	62	14.38	76.45	135	12.43	76.95
Suicide	55	12.76	47.60	109	10.04	48.62
Cancer of Cervix, Uterus, & Ovaries	55	12.76	70.02	124	11.42	69.79
Motor Vehicle Traffic Accidents	48	11.14	39.32	101	9.30	42.54
Cancer of Pancreas	46	10.67	71.89	127	11.70	70.87
AIDS	34	7.89	38.82	39	3.59	38.90
Homicide	31	7.19	35.03	39	3.59	37.90
Accidental Falls	28	6.50	70.96	70	6.45	73.73
Alzheimer's Disease	28	6.50	81.93	75	6.91	81.29
Bladder Cancer	26	6.03	76.23	54	4.97	77.82
Liver Cancer	23	5.34	69.13	45	4.14	71.58
Kidney Cancer	21	4.87	71.38	47	4.33	68.23
Stomach Cancer	20	4.64	74.75	46	4.24	75.35
Esophageal Cancer	19	4.41*	66.89	45	4.14	66.80
Parkinson's Disease	10	2.32*	82.30	34	3.13	79.41

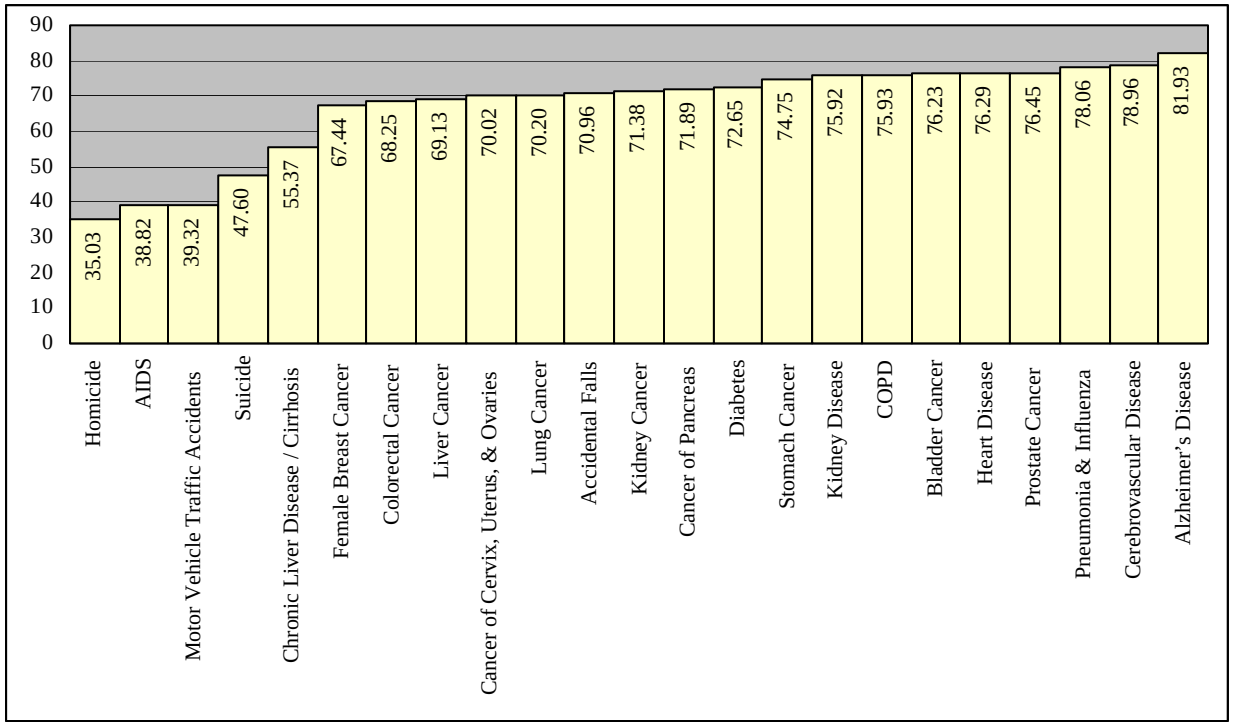
*rate is not statistically reliable due to low number of events

Akron Health Department

1997-1998 Total Number of Deaths (20 Leading Causes)

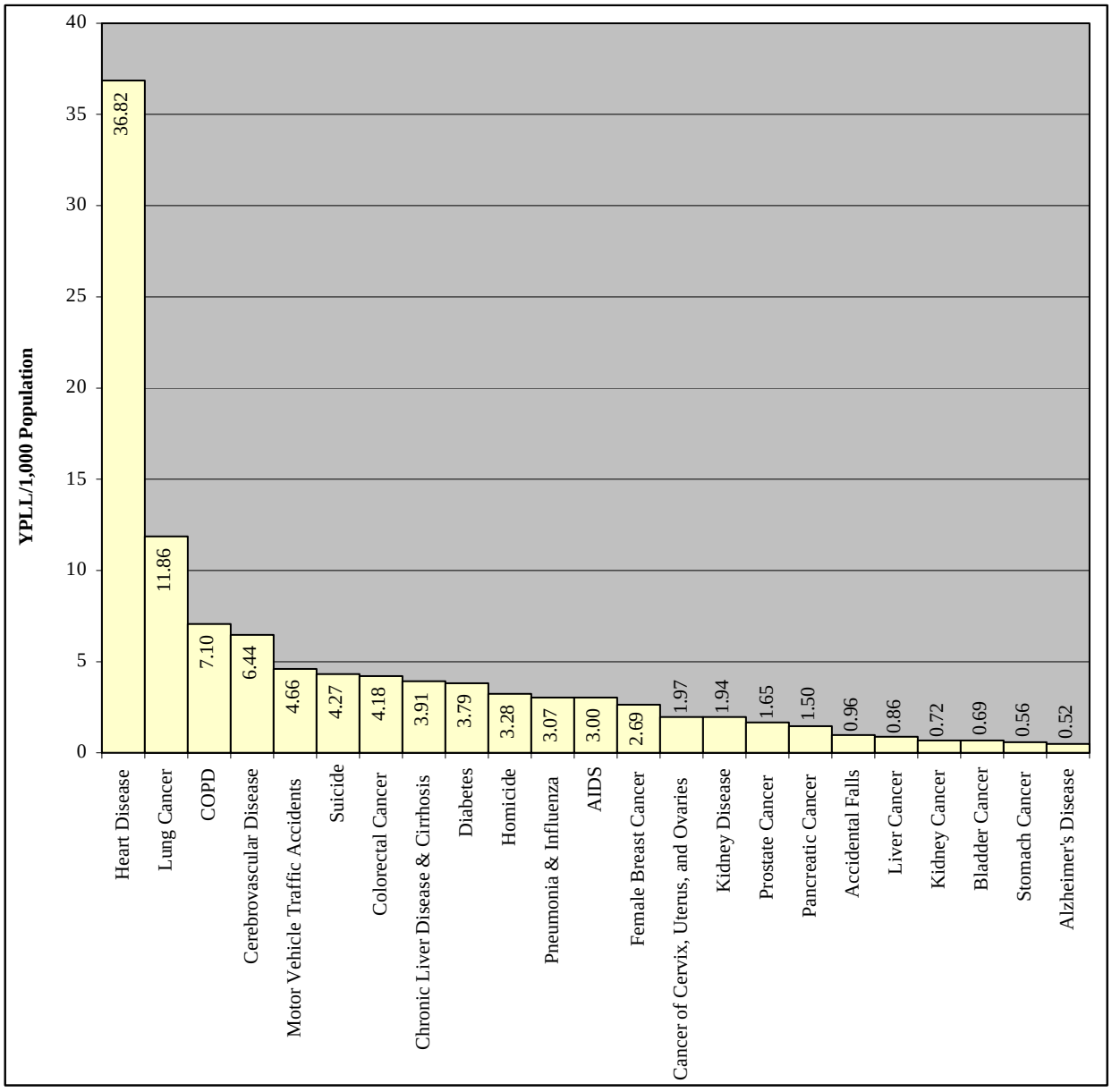


1997-1998 Mean Age at Death (minimum 20 deaths)

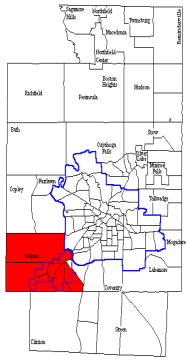


Akron Health Department

Years of Potential Life Lost (per 1,000 Population)
(Minimum 20 Deaths)



Barberton Health District

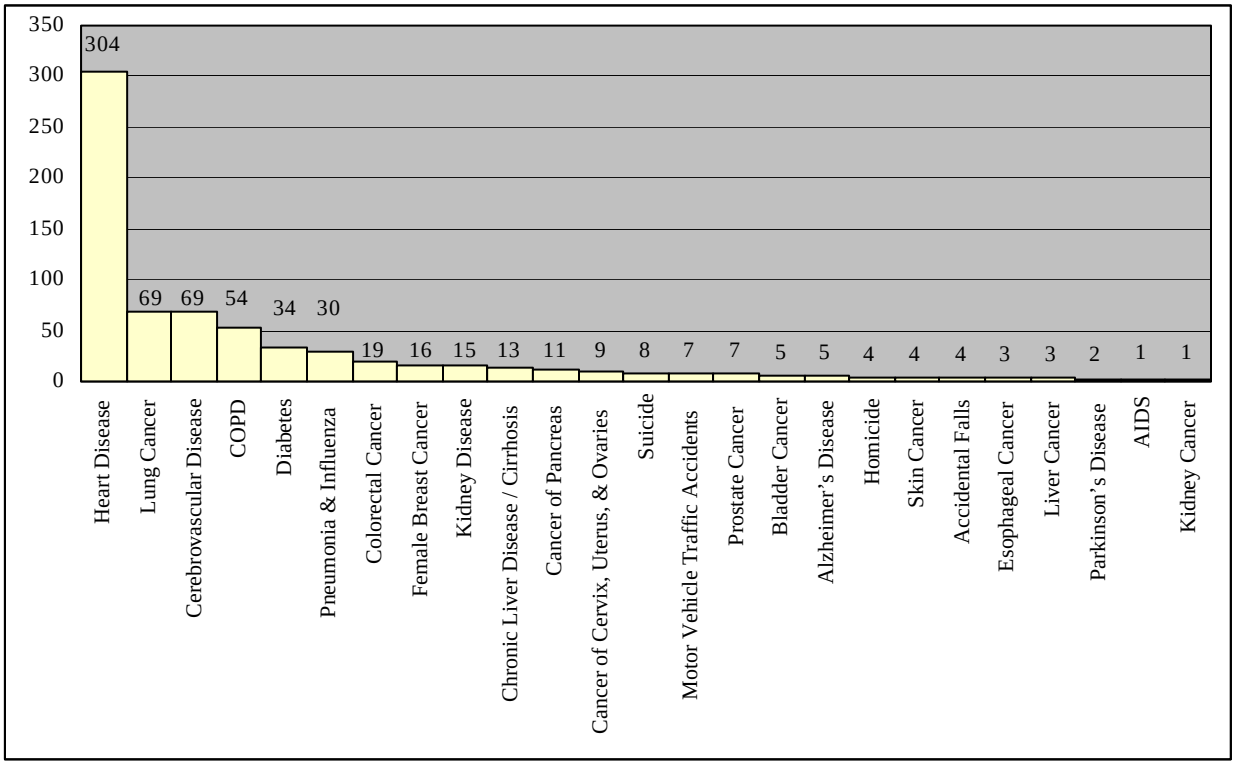


1997-1998 Mortality Profile	Barberton Health District			All 3 Departments		
25 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	866	1,086.06	74.61	10,275	946.31	74.72
Heart Disease	304	381.25	76.94	3,211	295.73	77.07
Lung Cancer	69	86.53	70.74	744	68.52	70.61
Cerebrovascular Disease	69	86.53	81.01	716	65.94	79.51
COPD	54	67.72	77.94	606	55.81	76.68
Diabetes	34	42.64	76.26	306	28.18	75.15
Pneumonia & Influenza	30	37.62	81.17	284	26.16	80.50
Colorectal Cancer	19	23.83*	72.63	234	21.55	72.89
Female Breast Cancer	16	20.07*	73.88	148	13.63	67.22
Kidney Disease	15	18.81*	79.40	161	14.83	78.03
Chronic Liver Disease / Cirrhosis	13	16.30*	65.85	130	11.97	60.55
Cancer of Pancreas	11	13.80*	72.73	127	11.70	70.87
Cancer of Cervix, Uterus, & Ovaries	9	11.29*	64.44	124	11.42	69.79
Suicide	8	10.03*	43.38	109	10.04	48.62
Motor Vehicle Traffic Accidents	7	8.78*	46.71	101	9.30	42.54
Prostate Cancer	7	8.78*	76.71	135	12.43	76.95
Bladder Cancer	5	6.27*	77.80	54	4.97	77.82
Alzheimer's Disease	5	6.27*	79.20	75	6.91	81.29
Homicide	4	5.02*	48.25	39	3.59	37.90
Skin Cancer	4	5.02*	71.50	32	2.95	68.00
Accidental Falls	4	5.02*	85.00	70	6.45	73.73
Esophageal Cancer	3	3.76*	62.67	45	4.14	66.80
Liver Cancer	3	3.76*	70.33	45	4.14	71.58
Parkinson's Disease	2	2.51*	91.50	34	3.13	79.41
AIDS	1	1.25*	33.00	39	3.59	38.90
Kidney Cancer	1	1.25*	89.00	47	4.33	68.23

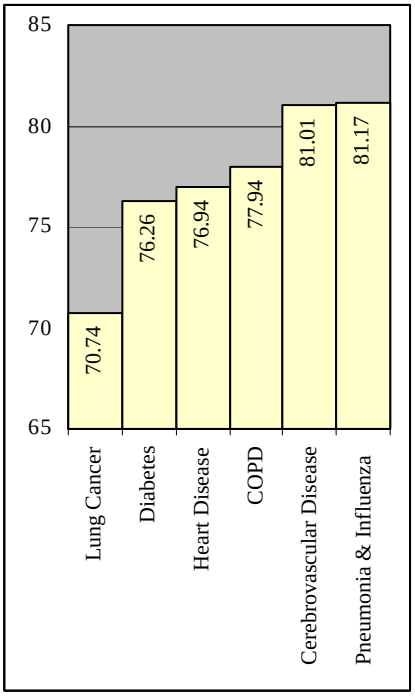
* rate is not statistically reliable due to low number of events

Barberton Health District

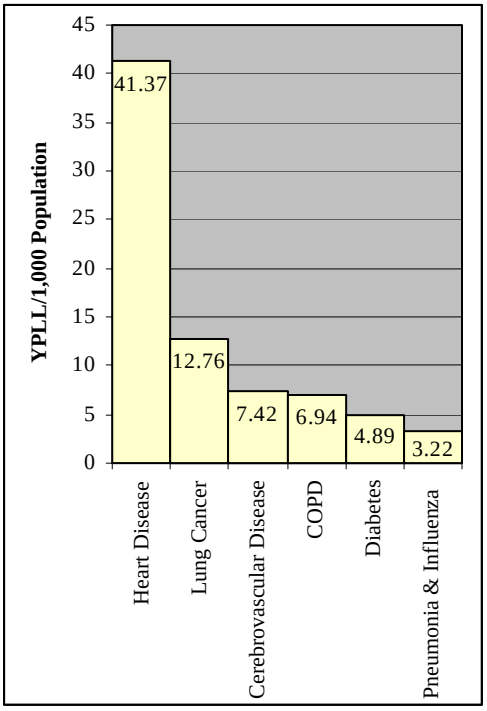
1997-1998 Total Number of Deaths (25 Leading Causes)



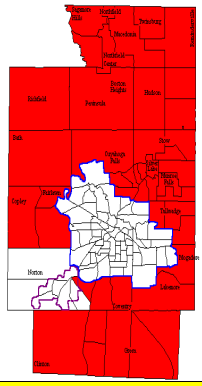
1997-1998 Mean Age at Death
(minimum 20 deaths)



1997-1998 Years of Potential Life Lost per 1,000 Population (Minimum 20 Deaths)



Summit County Health District

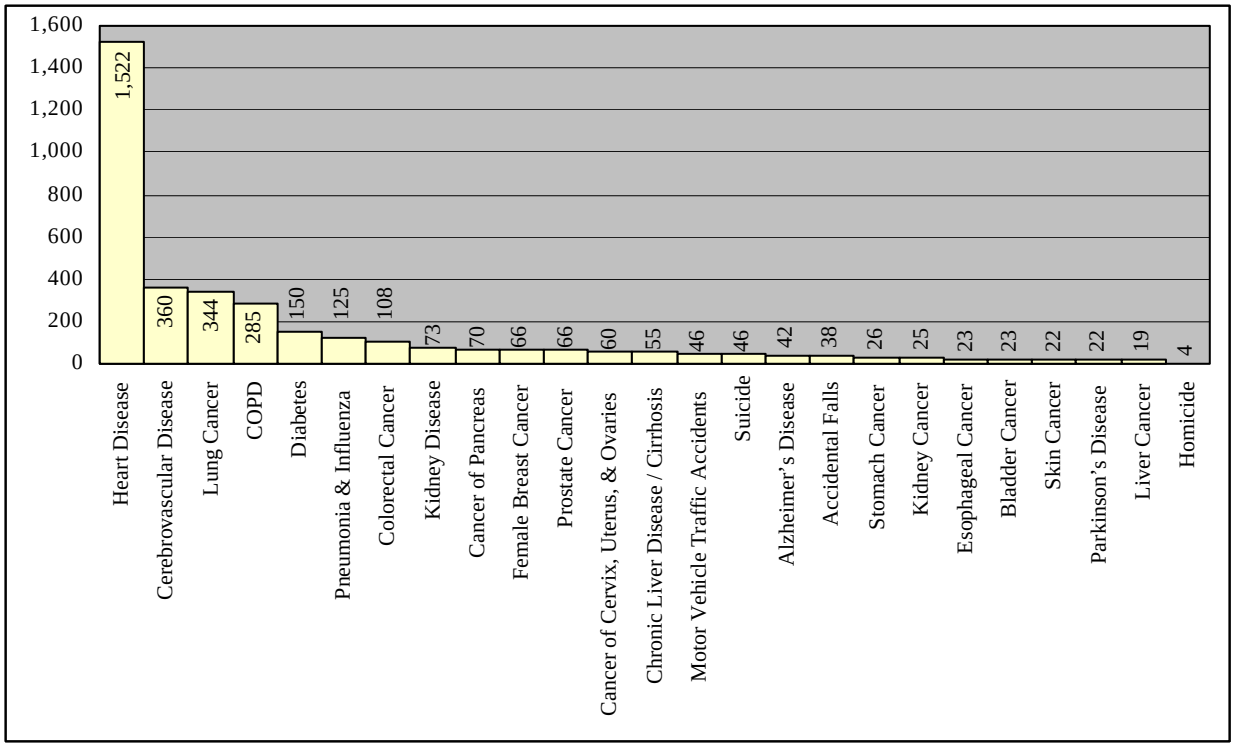


1997-1998 Mortality Profile	Summit County Health District			All 3 Departments		
25 Leading Causes	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**	**Total Deaths**	**Annual Crude Mortality Rate**	**Mean Age at Death**
All Causes	4,849	843.25	75.57	10,275	946.31	74.72
Heart Disease	1,522	264.68	77.80	3,211	295.73	77.07
Cerebrovascular Disease	360	62.60	79.67	716	65.94	79.51
Lung Cancer	344	59.82	70.98	744	68.52	70.61
COPD	285	49.56	77.14	606	55.81	76.68
Diabetes	150	26.09	76.93	306	28.18	75.15
Pneumonia & Influenza	125	21.74	82.85	284	26.16	80.50
Colorectal Cancer	108	18.78	77.53	234	21.55	72.89
Kidney Disease	73	12.69	79.86	161	14.83	78.03
Cancer of Pancreas	70	12.17	69.90	127	11.70	70.87
Female Breast Cancer	66	11.48	65.39	148	13.63	67.22
Prostate Cancer	66	11.48	77.45	135	12.43	76.95
Cancer of Cervix, Uterus, & Ovaries	60	10.43	70.38	124	11.42	69.79
Chronic Liver Disease / Cirrhosis	55	9.56	65.13	130	11.97	60.55
Motor Vehicle Traffic Accidents	46	8.00	45.26	101	9.30	42.54
Suicide	46	8.00	50.74	109	10.04	48.62
Alzheimer's Disease	42	7.30	81.12	75	6.91	81.29
Accidental Falls	38	6.61	74.58	70	6.45	73.73
Stomach Cancer	26	4.52	75.81	46	4.24	75.35
Kidney Cancer	25	4.35	64.76	47	4.33	68.23
Esophageal Cancer	23	4.00	67.26	45	4.14	66.80
Bladder Cancer	23	4.00	79.61	54	4.97	77.82
Skin Cancer	22	3.83	70.68	32	2.95	68.00
Parkinson's Disease	22	3.83	77.00	34	3.13	79.41
Liver Cancer	19	3.30	74.74	45	4.14	71.58
Homicide	4	0.70	49.75	39	3.59	37.90

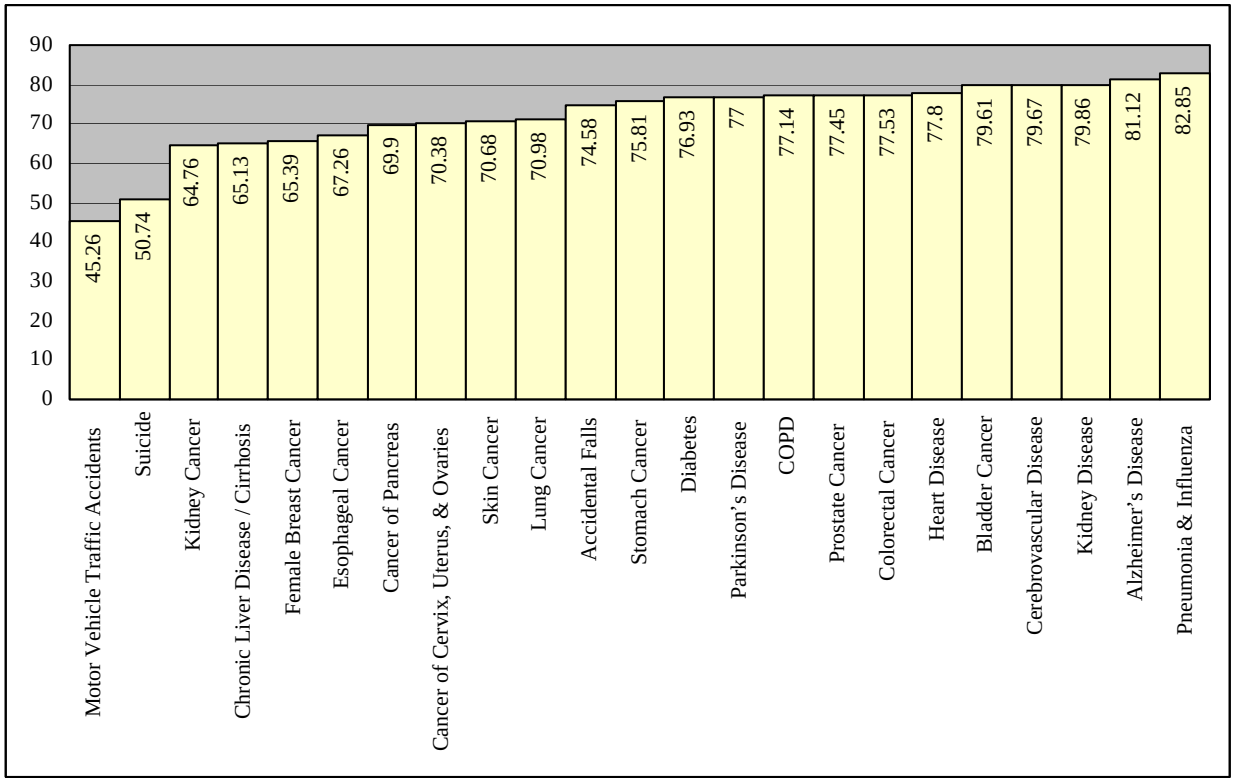
*rate is not statistically reliable due to low number of events

Summit County Health District

1997-1998 Total Number of Deaths (25 Leading Causes)

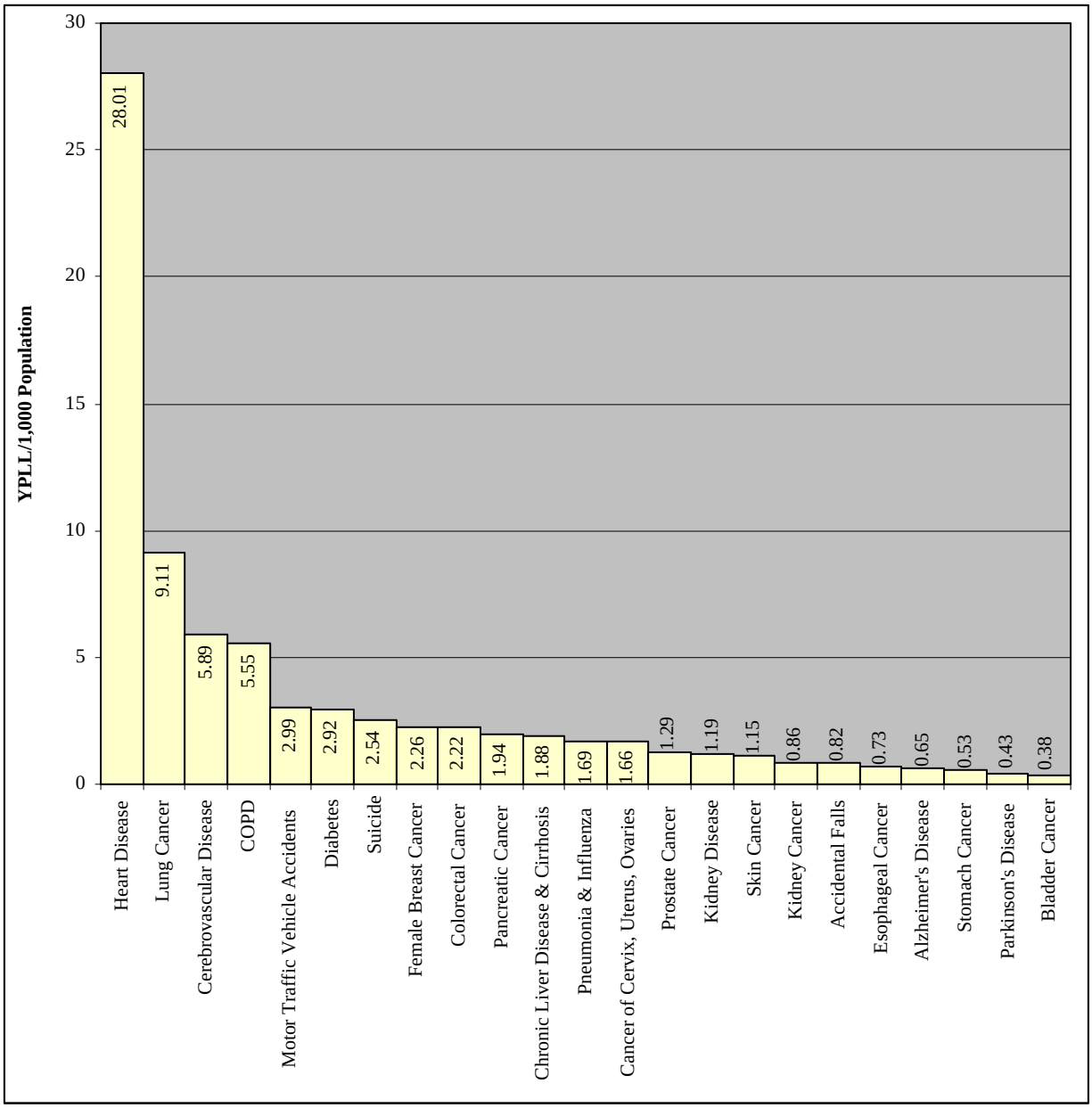


1997-1998 Mean Age at Death (minimum 20 deaths)



Summit County Health District

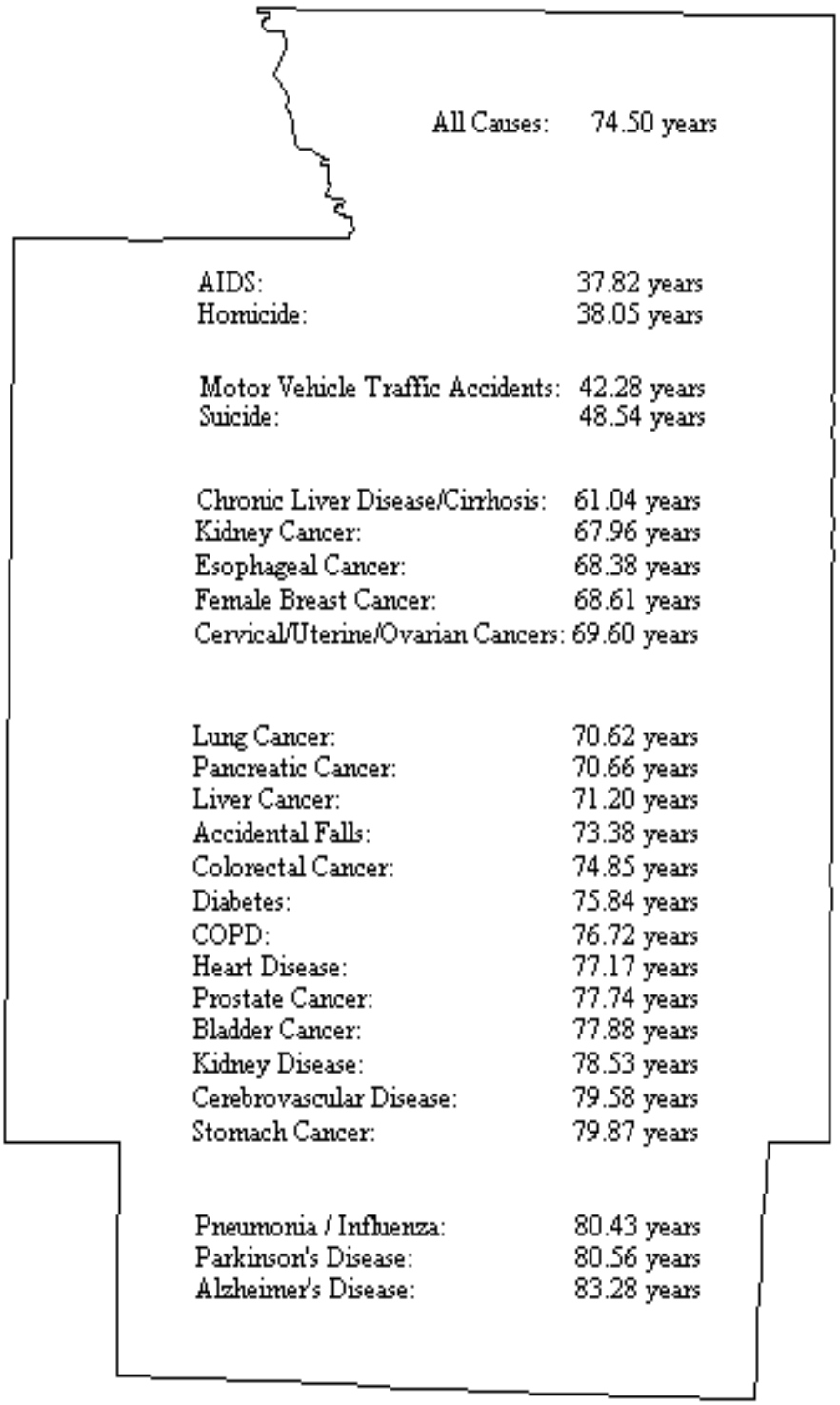
Years of Potential Life Lost (per 1,000 Population)
(Minimum 20 Deaths)



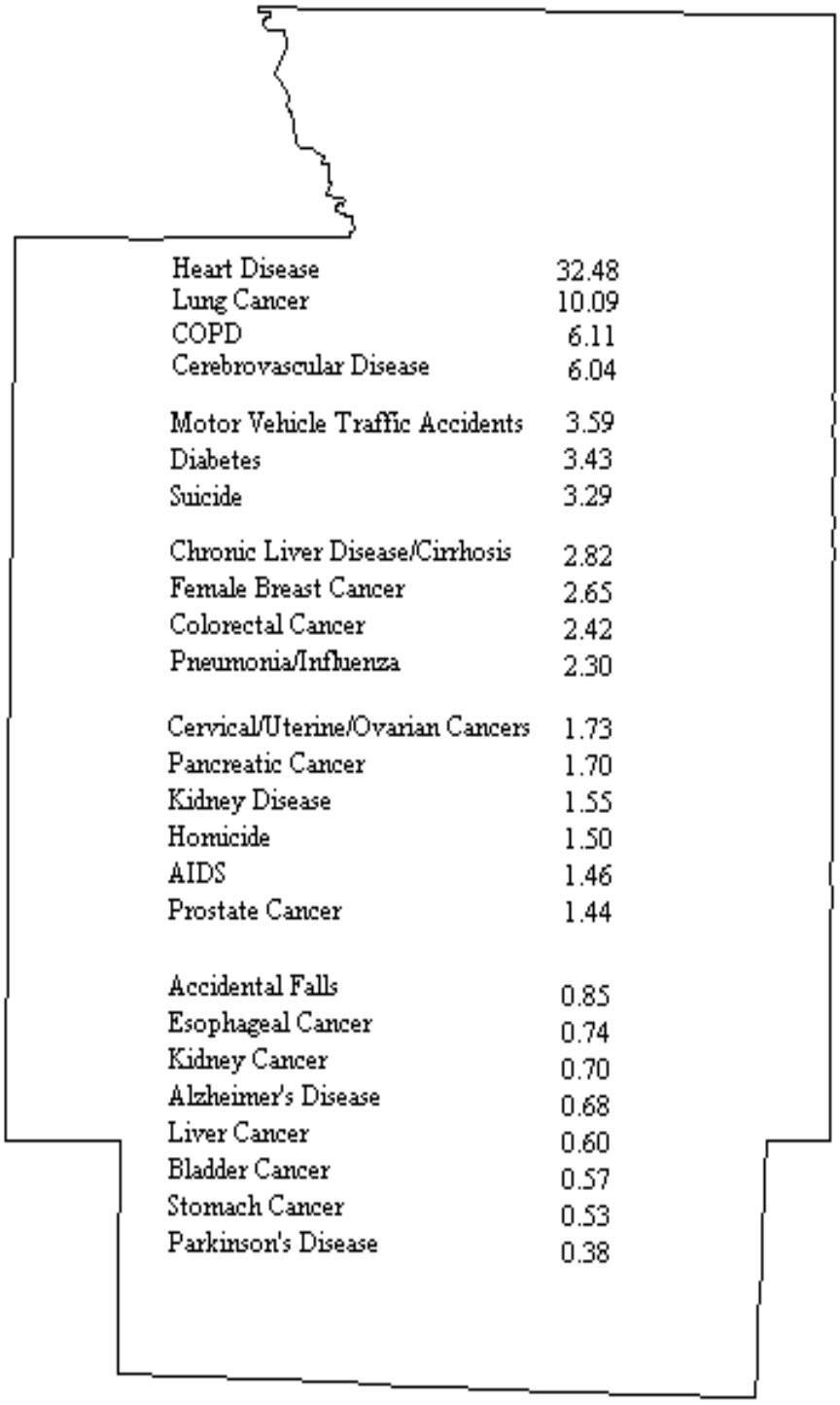
Summit County Total

1997-1998 Mortality Profile	Summit County Total			
25 Leading Causes	**Rank**	**Total Deaths**	**Annual Crude Mortality Rate**	**Average Age at Death**
All Causes		10,352	953.40	74.50
Heart Disease	1	3,250	299.32	77.17
Lung Cancer	2	743	68.43	70.62
Cerebrovascular Disease	3	722	66.49	79.58
COPD	4	611	56.27	76.72
Diabetes	5	325	29.93	75.84
Pneumonia & Influenza	6	277	25.51	80.43
Colorectal Cancer	7	217	19.99	74.85
Female Breast Cancer	8	178	16.39	68.61
Kidney Disease	9	175	16.12	78.53
Prostate Cancer	10	153	14.09	77.74
Chronic Liver Disease / Cirrhosis	11	138	12.71	61.04
Cancer of Pancreas	12	125	11.51	70.66
Cancer of Cervix, Uterus, & Ovaries	13	122	11.24	69.60
Suicide	14	110	10.13	48.54
Motor Vehicle Traffic Accidents	15	102	9.39	42.28
Alzheimer's Disease	16	98	9.03	83.28
Accidental Falls	17	69	6.35	73.38
Stomach Cancer	18	63	5.80	79.87
Bladder Cancer	19	60	5.53	77.88
Esophageal Cancer	20	48	4.42	68.38
Parkinson's Disease	20	48	4.42	80.56
Kidney Cancer	22	45	4.14	67.96
Liver Cancer	23	44	4.05	71.20
Homicide	24	39	3.59	38.05
AIDS	25	38	3.50	37.82
All Other Causes		3,152		

1997-1998 Mean Age at Death
25 Leading Causes of Death

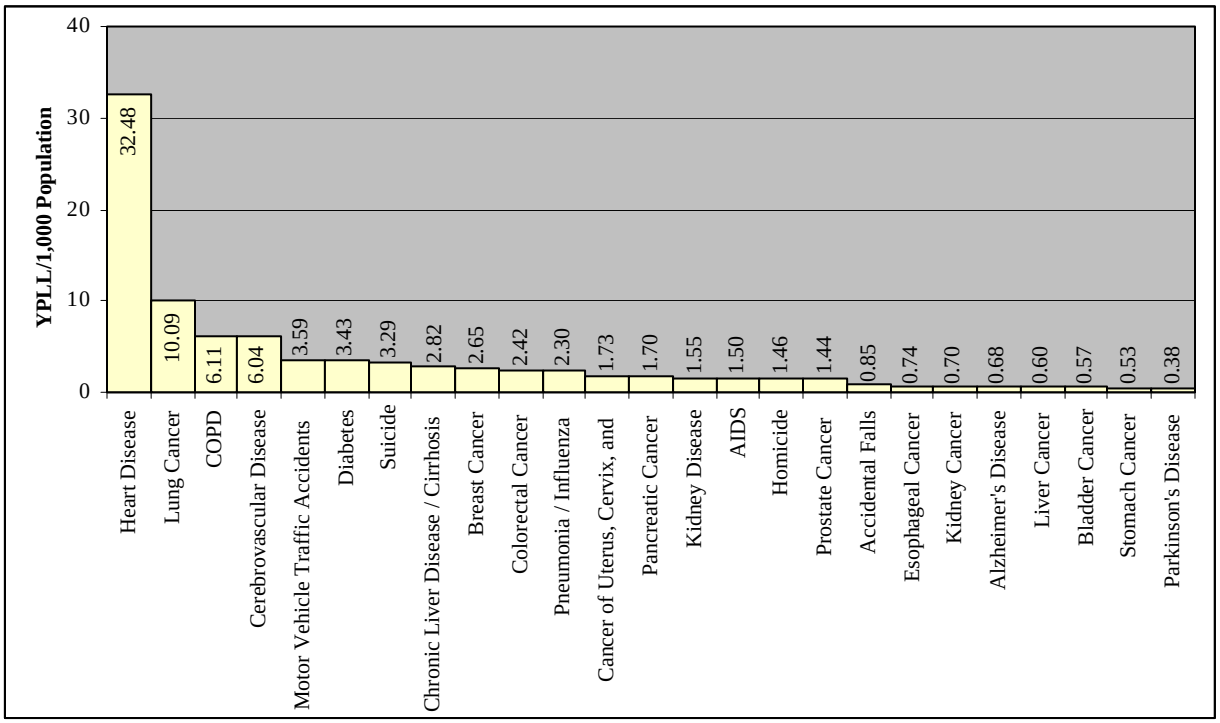


1997-1998 Years of Potential Life Lost
(per 1,000 Population)
25 Leading Causes of Death

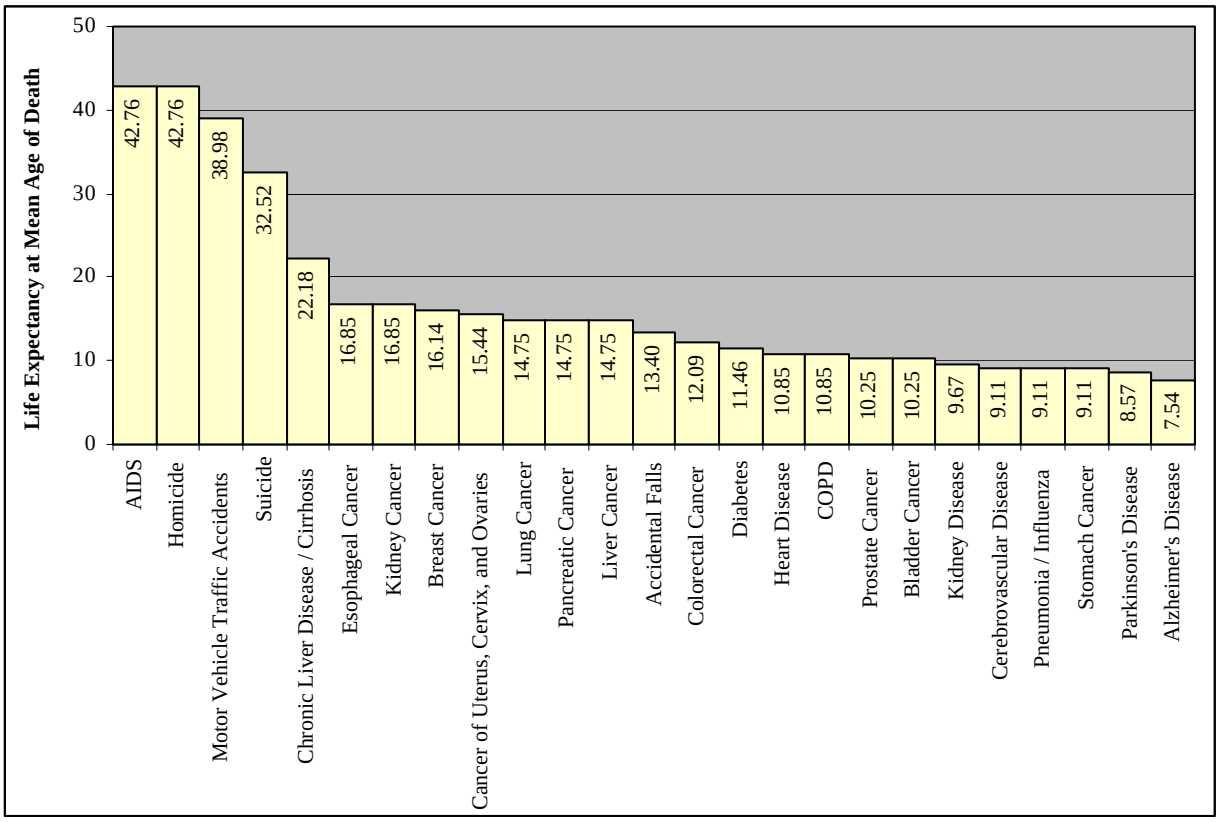


Heart Disease	32.48
Lung Cancer	10.09
COPD	6.11
Cerebrovascular Disease	6.04
Motor Vehicle Traffic Accidents	3.59
Diabetes	3.43
Suicide	3.29
Chronic Liver Disease/Cirrhosis	2.82
Female Breast Cancer	2.65
Colorectal Cancer	2.42
Pneumonia/Influenza	2.30
Cervical/Uterine/Ovarian Cancers	1.73
Pancreatic Cancer	1.70
Kidney Disease	1.55
Homicide	1.50
AIDS	1.46
Prostate Cancer	1.44
Accidental Falls	0.85
Esophageal Cancer	0.74
Kidney Cancer	0.70
Alzheimer's Disease	0.68
Liver Cancer	0.60
Bladder Cancer	0.57
Stomach Cancer	0.53
Parkinson's Disease	0.38

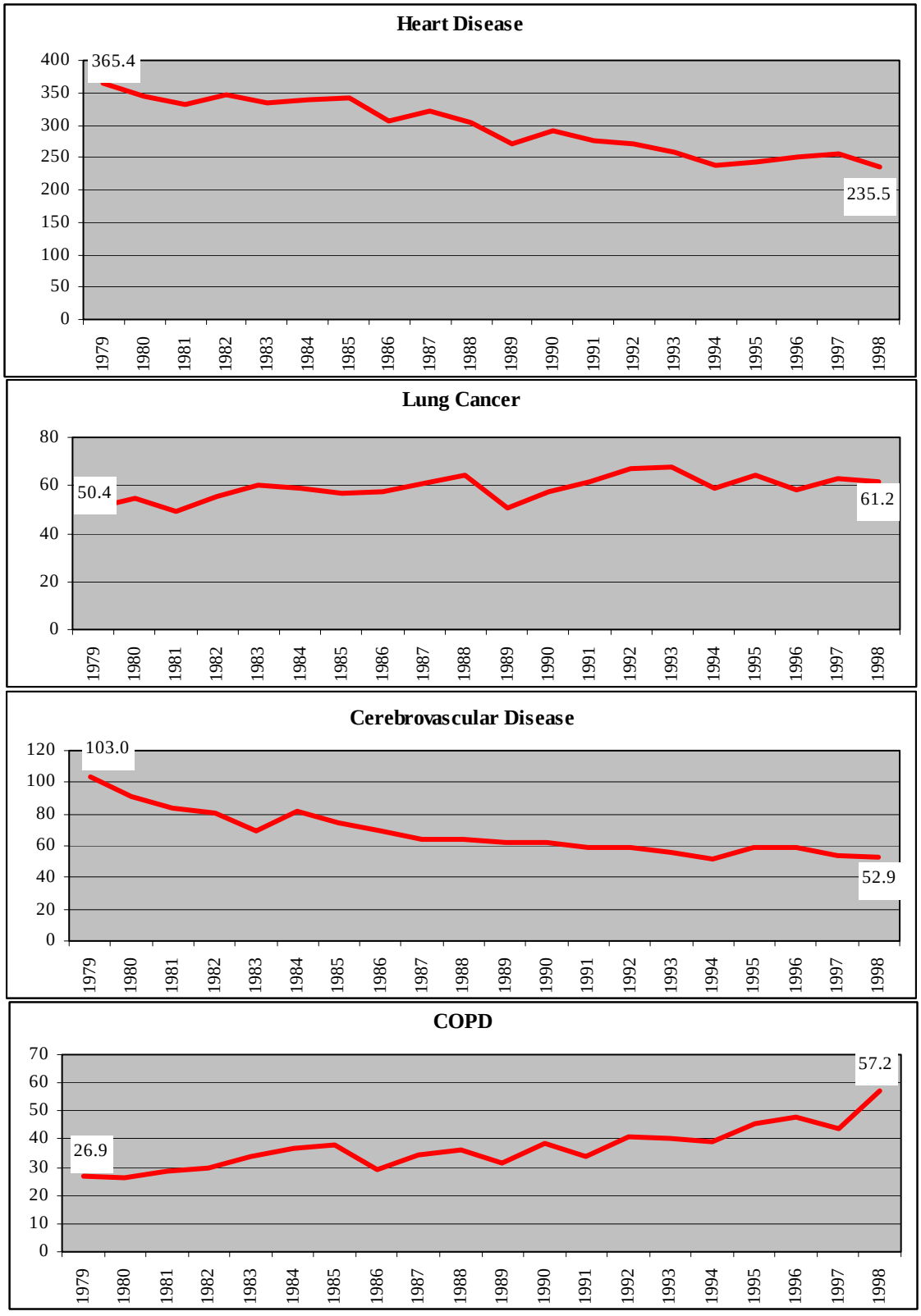
Years of Potential Life Lost per 1,000 Population
(Leading 25 Causes of Death)

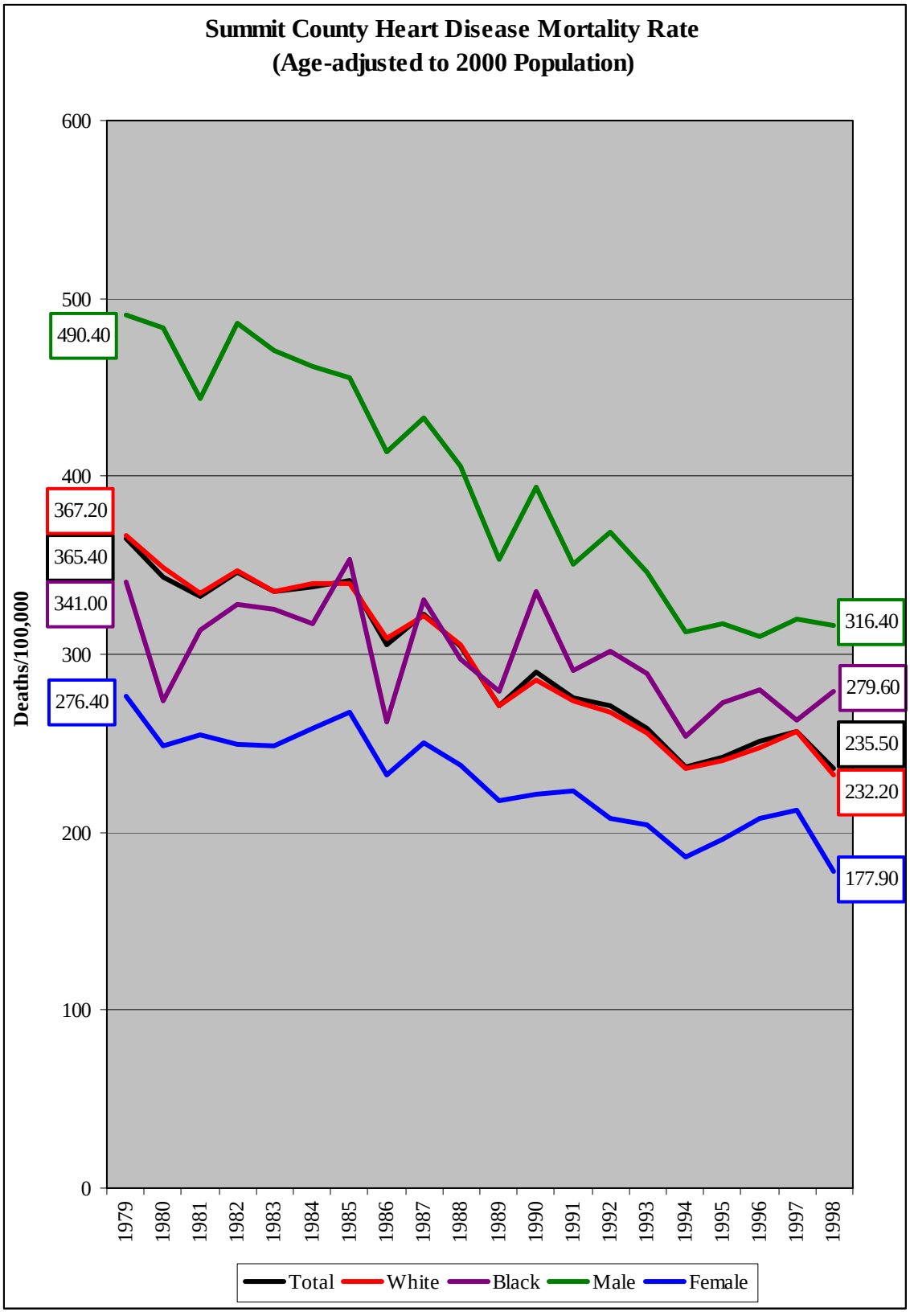


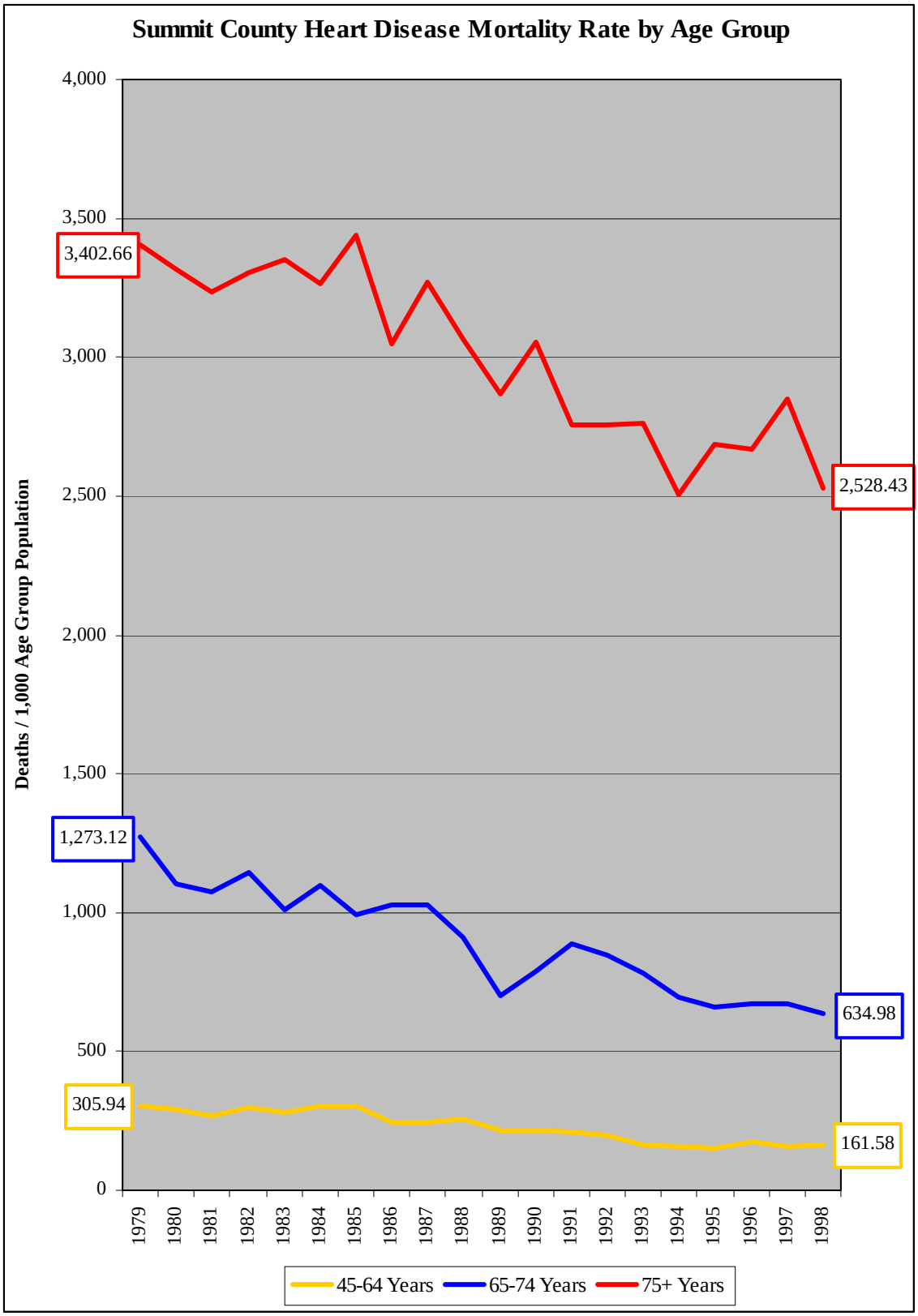
Life Expectancy at Mean Age of Death

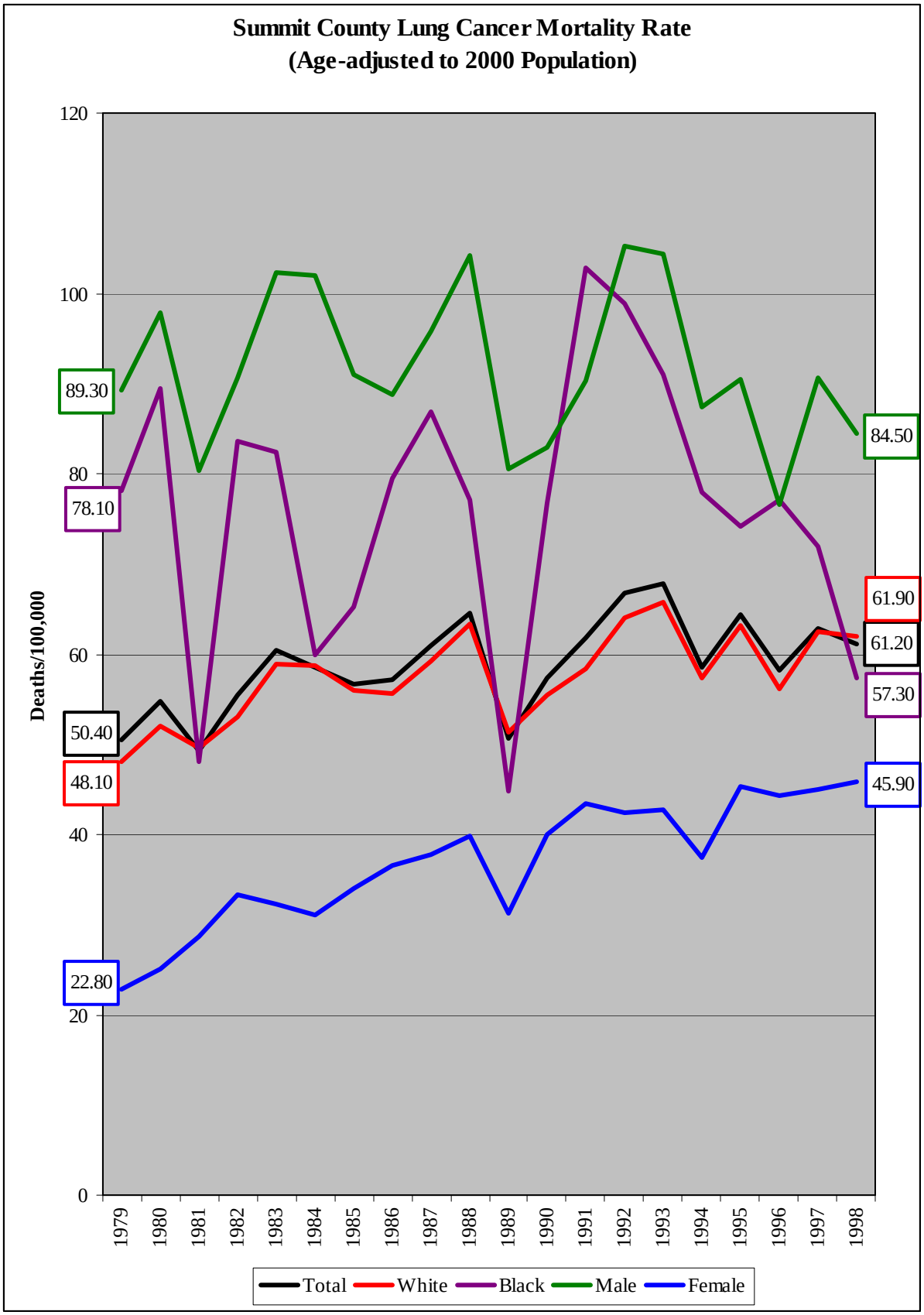


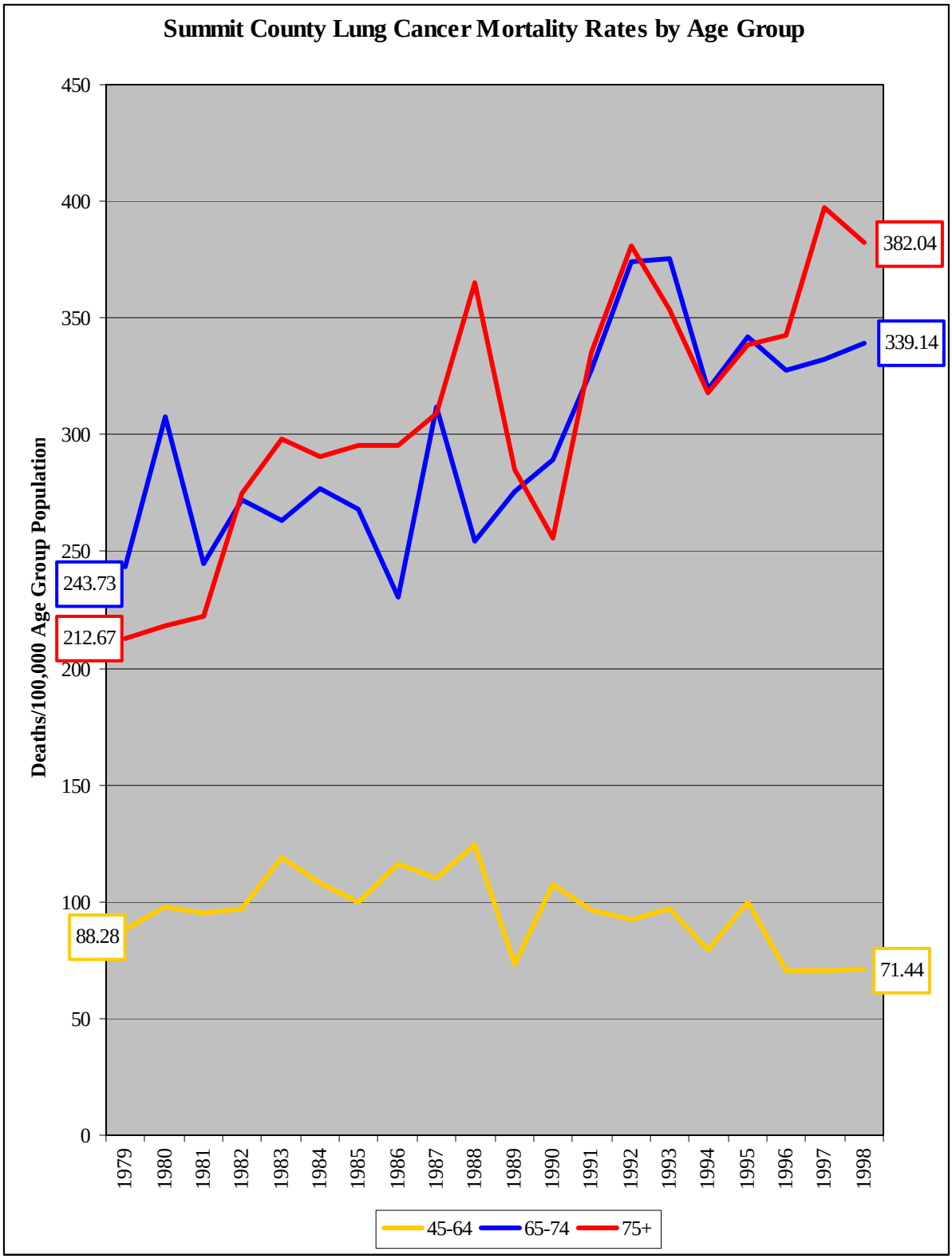
Age Adjusted Mortality Rate Trends for 4 Leading Causes of Death in Summit County

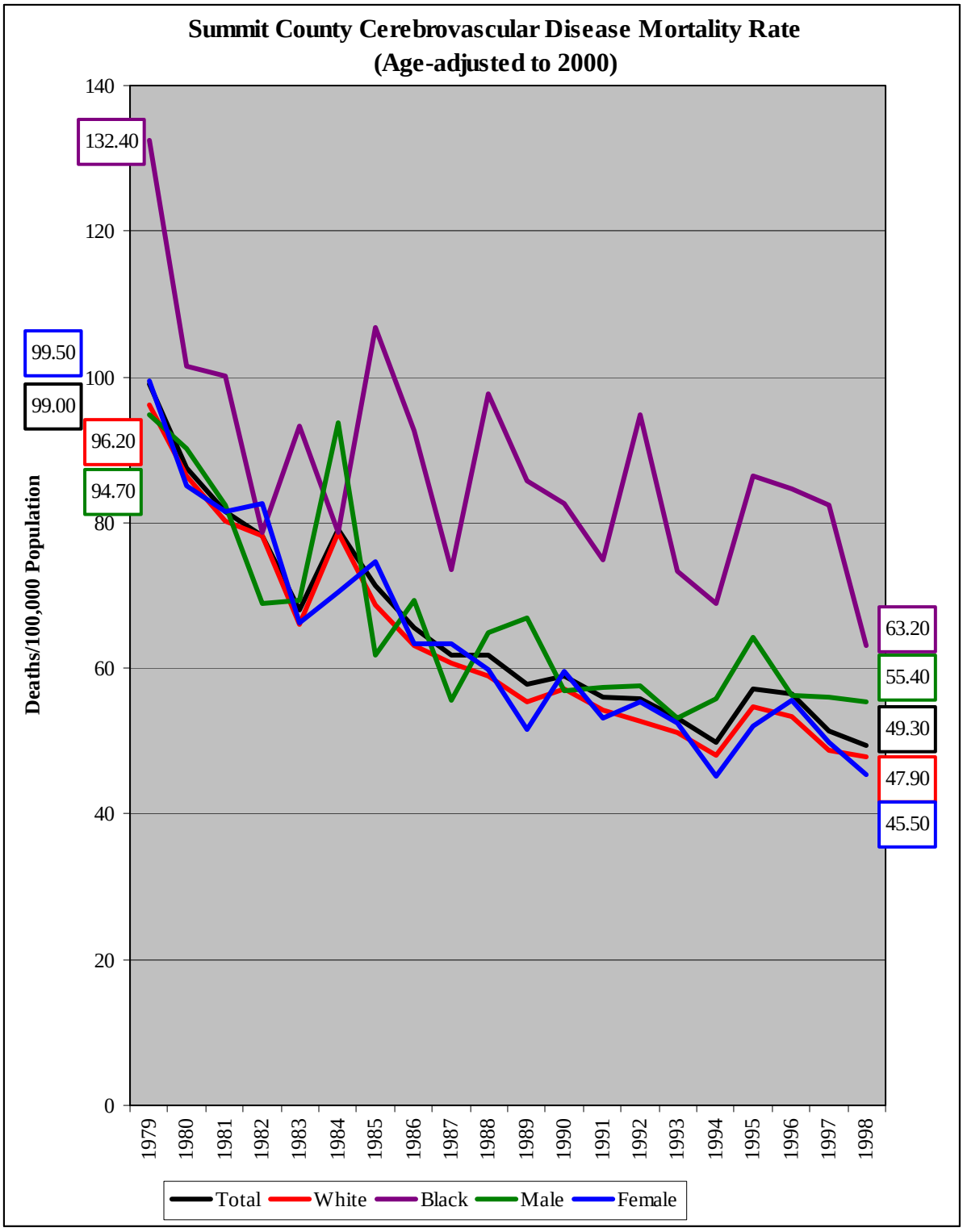


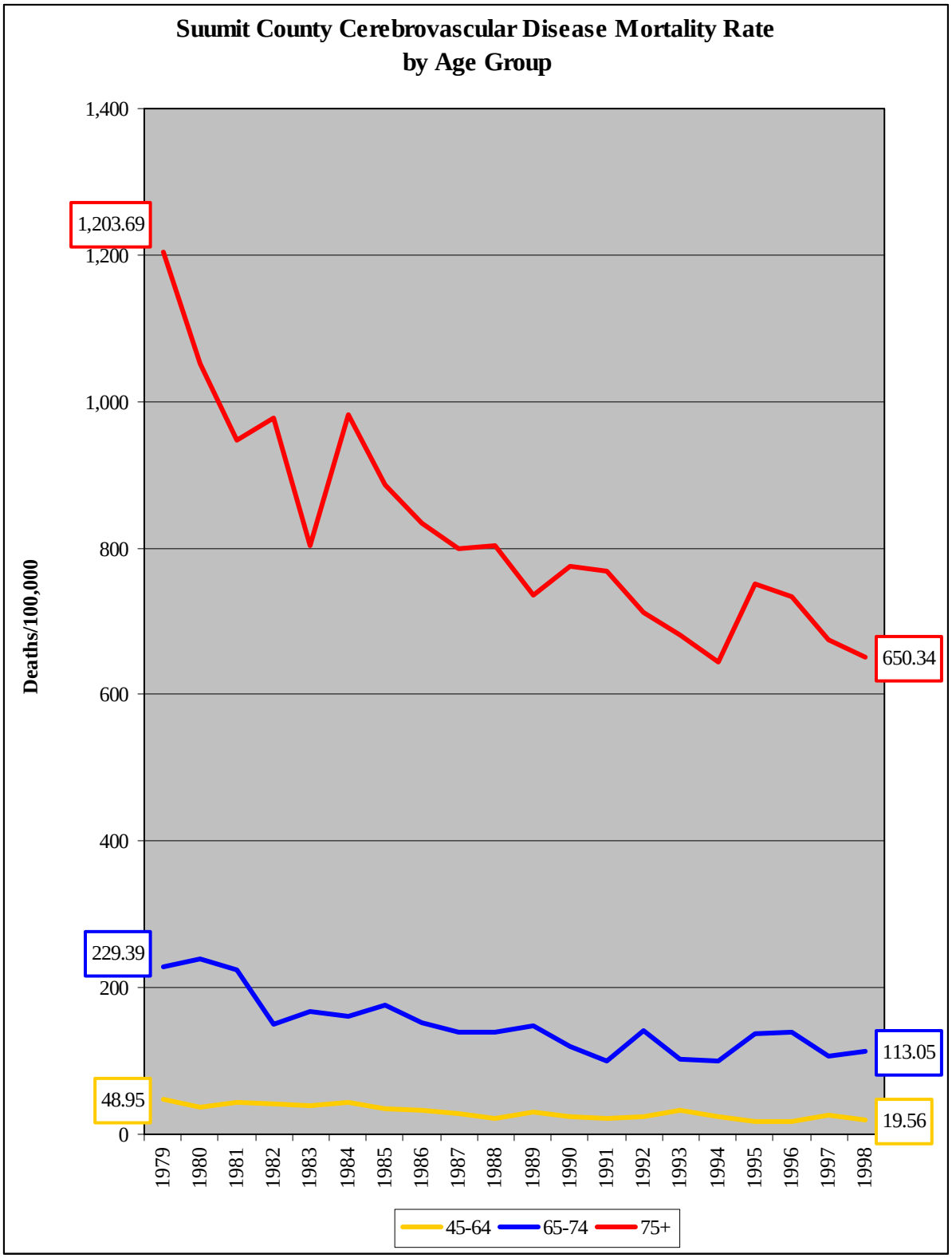

Summit County Heart Disease Mortality Rate
(Age-adjusted to 2000 Population)
Deaths/100,000
600
500
400
300
200
100
0
490.40
367.20
365.40
341.00
276.40
316.40
279.60
235.50
232.20
177.90
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
Total
White
Black
Male
Female

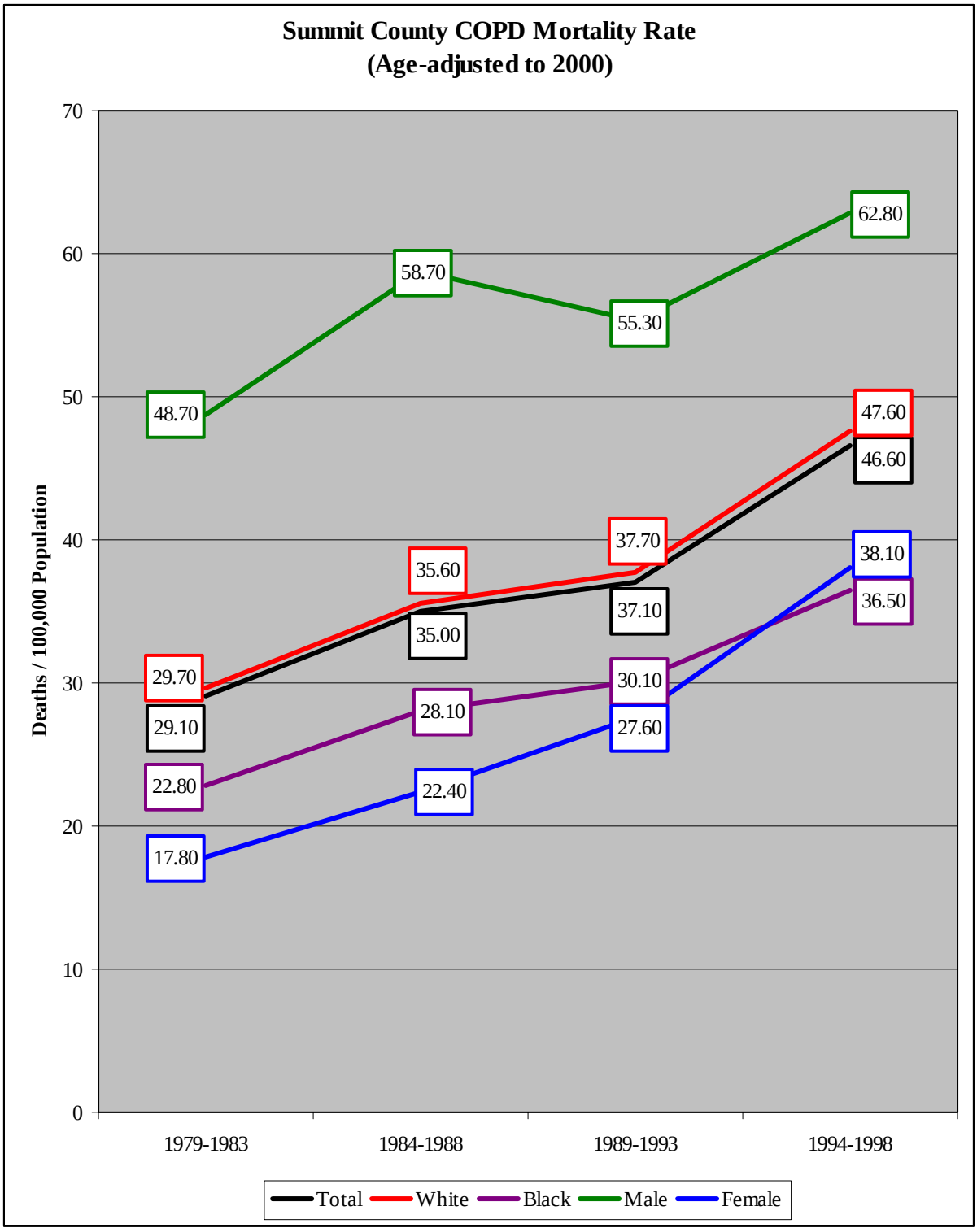

Summit County Heart Disease Mortality Rate by Age Group
Deaths / 1,000 Age Group Population
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
3,402.66
2,528.43
1,273.12
634.98
305.94
161.58
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
45-64 Years
65-74 Years
75+ Years

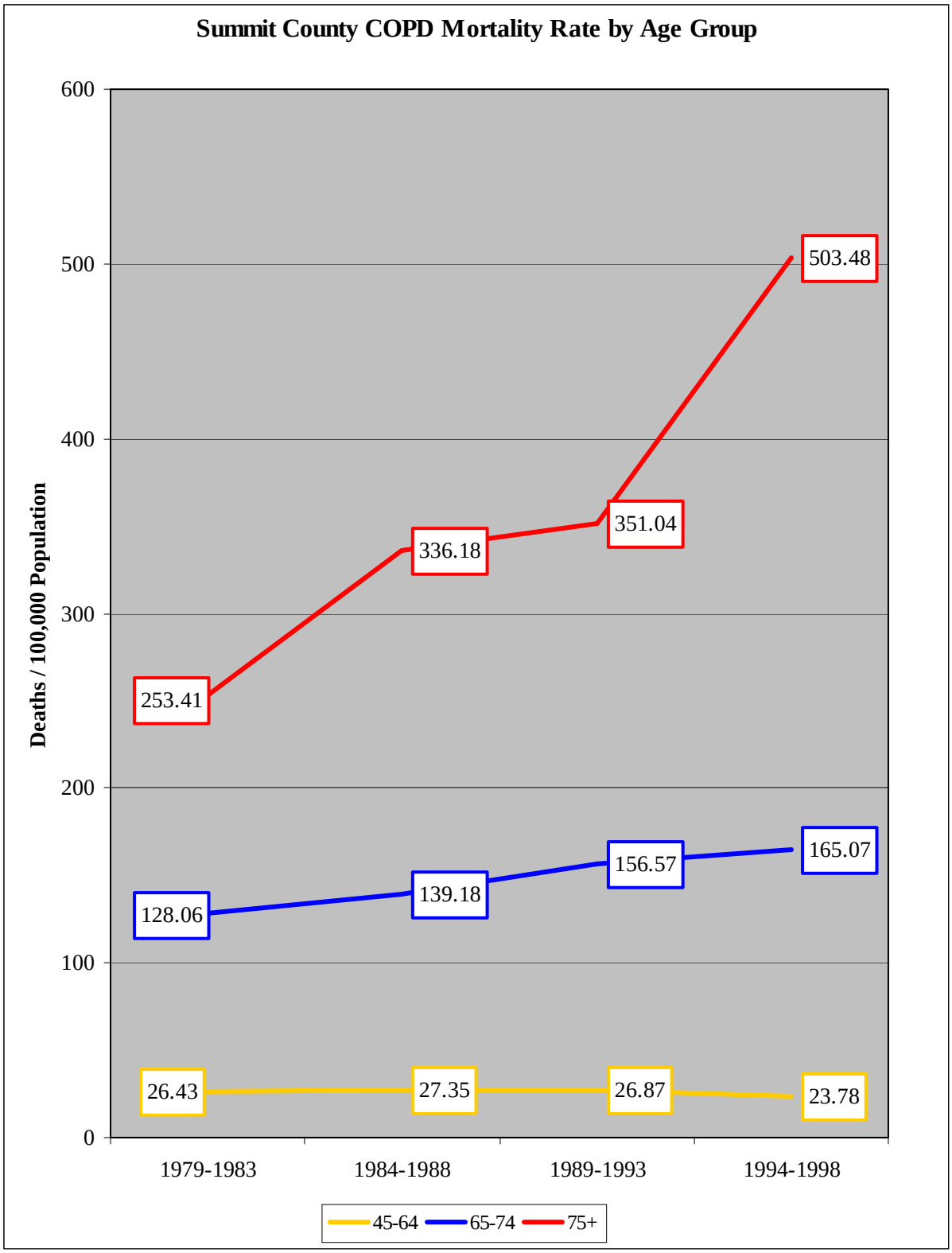

Summit County Lung Cancer Mortality Rate
(Age-adjusted to 2000 Population)
Deaths/100,000
120
100
80
60
40
20
0
89.30
78.10
50.40
48.10
22.80
84.50
61.90
61.20
57.30
45.90
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
Total
White
Black
Male
Female

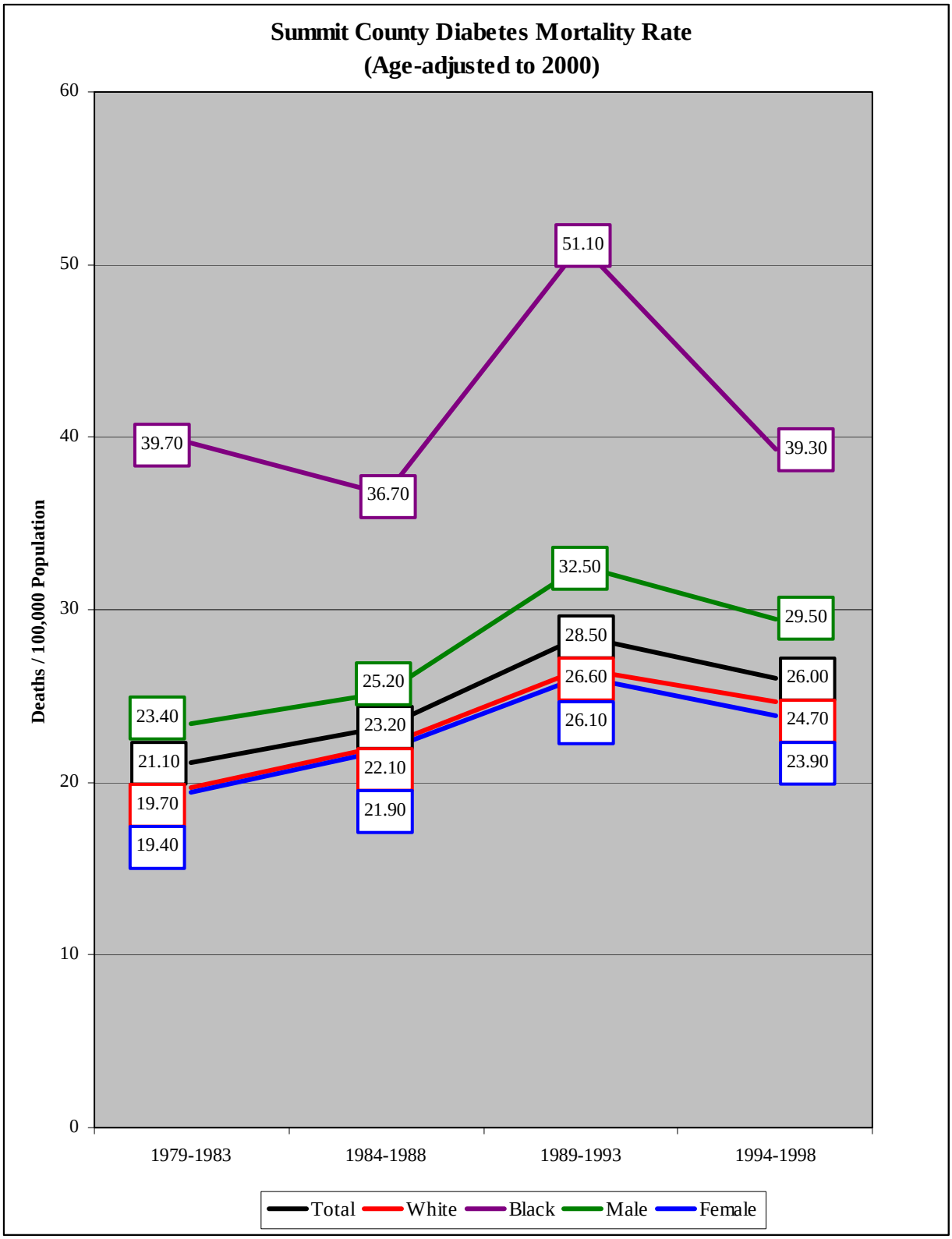

Summit County Lung Cancer Mortality Rates by Age Group
Deaths/100,000 Age Group Population
450
400
350
300
250
200
150
100
50
0
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
382.04
339.14
243.73
212.67
88.28
71.44
45-64
65-74
75+

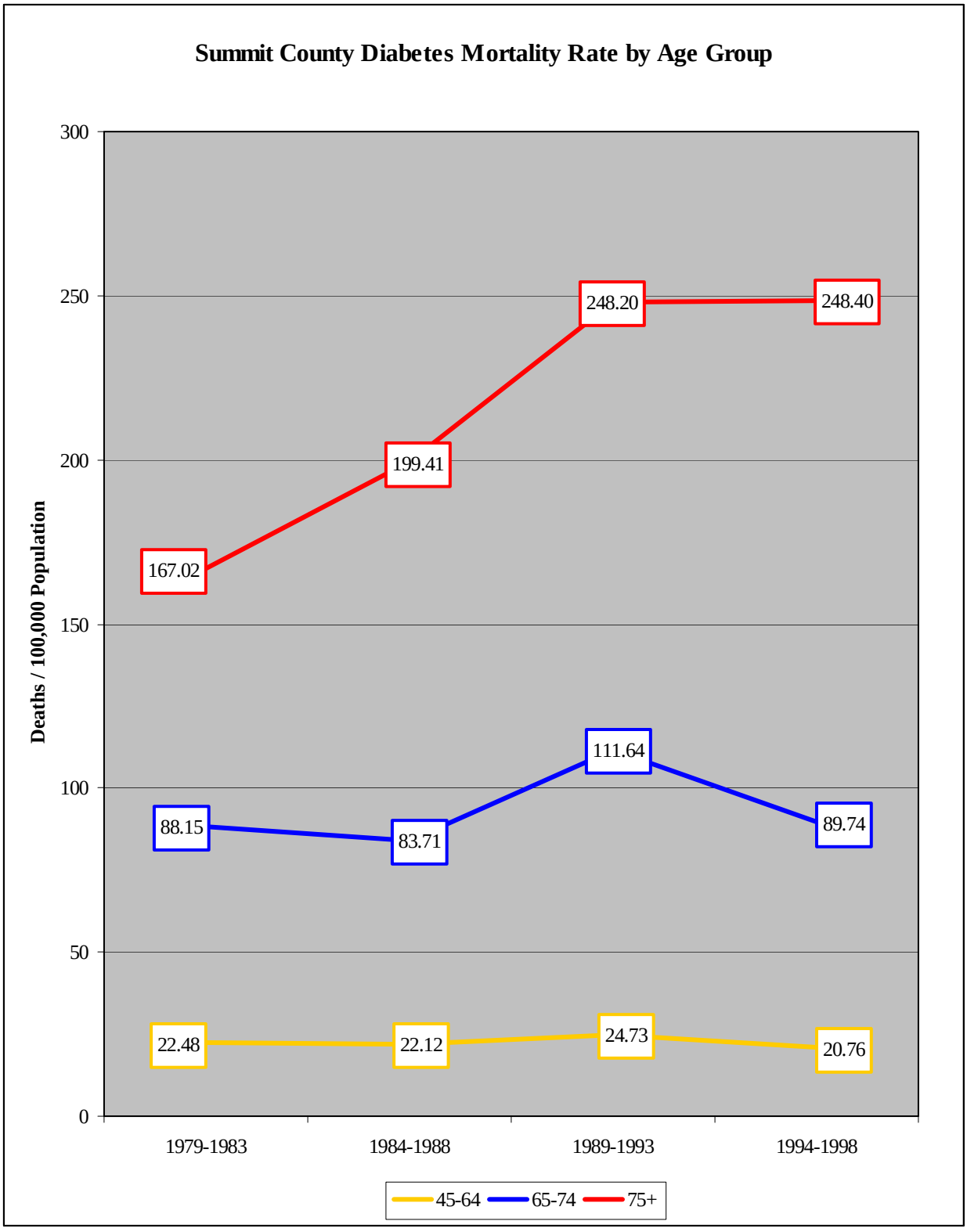

Summit County Cerebrovascular Disease Mortality Rate
(Age-adjusted to 2000)
Deaths/100,000 Population
140
120
100
80
60
40
20
0
132.40
99.50
99.00
96.20
94.70
63.20
55.40
49.30
47.90
45.50
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
Total
White
Black
Male
Female


Suumit County Cerebrovascular Disease Mortality Rate
by Age Group
Deaths/100,000
1,400
1,200
1,000
800
600
400
200
0
1,203.69
650.34
229.39
113.05
48.95
19.56
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
45-64
65-74
75+


Summit County COPD Mortality Rate
(Age-adjusted to 2000)
Deaths / 100,000 Population
70
60
50
40
30
20
10
0
1979-1983
1984-1988
1989-1993
1994-1998
48.70
58.70
55.30
62.80
29.70
35.60
37.70
47.60
29.10
35.00
37.10
46.60
22.80
28.10
30.10
36.50
17.80
22.40
27.60
38.10
Total
White
Black
Male
Female


Summit County COPD Mortality Rate by Age Group
Deaths / 100,000 Population
600
500
400
300
200
100
0
503.48
351.04
336.18
253.41
165.07
156.57
139.18
128.06
26.43
27.35
26.87
23.78
1979-1983
1984-1988
1989-1993
1994-1998
45-64
65-74
75+


Summit County Diabetes Mortality Rate
(Age-adjusted to 2000)
Deaths / 100,000 Population
60
50
40
30
20
10
0
1979-1983
1984-1988
1989-1993
1994-1998
39.70
36.70
51.10
39.30
23.40
25.20
32.50
29.50
21.10
23.20
28.50
26.00
19.70
22.10
26.60
24.70
19.40
21.90
26.10
23.90
Total
White
Black
Male
Female


Summit County Diabetes Mortality Rate by Age Group
Deaths / 100,000 Population
300
250
200
150
100
50
0
167.02
199.41
248.20
248.40
88.15
83.71
111.64
89.74
22.48
22.12
24.73
20.76
1979-1983
1984-1988
1989-1993
1994-1998
45-64
65-74
75+

Category Definitions / Calculations:

Total Deaths:

Total 1997 + 1998 deaths occurring at all ages

Annual Crude Mortality Rate:

$$\left[\frac{\text{1997 Deaths + 1998 Deaths}}{\text{2 X 2000 Population}}\right] \text{X } 100{,}000$$

Average Age at Death:

Mean age at death for those who died at age >5 years

Years of Potential Life Lost:

$$\left[\frac{\text{(Life Expectancy at } \bar{x} \text{ Age of Death)(\# of 1997-1998 Deaths)}}{\text{2 X 2000 Population}}\right] \text{X } 1{,}000$$

Data Inclusion Criteria

20 Census Cluster data inclusion criterion:
- Identified by census tract numbers. If no census tract number was reported, the data was not included.

8 Census Groups data inclusion criterion:
- Identified by census tract numbers. If no census tract number was reported, the data was not included.

Health Department Jurisdiction data inclusion criteria:
- Identified by census tract numbers and, if no census tract number was reported, by health jurisdiction codes (For mismatched census tract and health jurisdiction codes, census tract codes took precedence and subsequent changes to some health jurisdiction codes were made to achieve matches)

Summit County Total data inclusion criterion:
- Identified by health jurisdiction code (No corrections for mismatched census tract and jurisdiction codes were made. Jurisdiction code took precedence.)

Cause of Death

Heart Disease (ICD9: 390-398, 402, 404-429)
Cerebrovascular Disease (ICD9: 430-438)
Lung Cancer (ICD9: 162)
Chronic Obstructive Pulmonary Disease (COPD) (ICD9: 490-496)
Diabetes (ICD9: 250)
Pneumonia & Influenza (ICD9: 480-487)
Colorectal Cancer (ICD9: 153-154)
Female Breast Cancer (ICD9: 174)
Kidney Disease (ICD9: 580-589)
Chronic Liver Disease / Cirrhosis (ICD9: 571)
Cancer of Pancreas (ICD9: 157)

Cancer of Cervix, Uterus, and Ovaries (ICD9: 179-180, 182-183)
Suicide (ICD9: E950-959)
Motor Vehicle Traffic Accidents (ICD9: E810-819)
Prostate Cancer (ICD9: 185)
Bladder Cancer (ICD9: 188)
Alzheimer's Disease (ICD9: 331.0)
Homicide (ICD9: E960-969)
Skin Cancer (ICD9: 172-173)
Accidental Falls (ICD9: E880-888)
Esophageal Cancer (ICD9: 150)
Liver Cancer (ICD9: 155)
Parkinson's Disease (ICD9: 332)
AIDS (ICD9: 042-044)
Kidney Cancer (ICD9: 189)
Stomach Cancer (ICD9: 151)

Data Sources

Demographic Data were obtained from the U.S. Census Bureau decennial census (1990, 2000).
Mortality Data for census tract clusters, census tract groups, and health districts were obtained from Ohio Department of Health Vital Records.
Mortality Data for Summit County as a whole were obtained from the CDC (CDC Wonder web page)
Natality Data were obtained from Ohio Department of Health Vital Records