

Cancer Incidence and Mortality

Cancer is the second leading cause of death in Iowa. From 1996 through 2004, 57,735 Iowans died from cancer and 139,326 invasive cancers were newly diagnosed. During this period, cancer accounted for 23% of deaths in Iowa. Although it occurs in people of all ages, more than 80 percent of new cancers are diagnosed in those 55 years of age and older.

For all cancer incidence and mortality, the age-adjusted rates by county grouping increased slightly as the average population increased between the three time periods spanning 1978 through 1995. For the 1996-2004 period, these rates show little difference. The crude rates, however, show the opposite trend, as these rates were highest in counties with average populations < 10,000. This reflects a larger proportion of older people in the smaller, more rural counties (see tables and graph in Demographics). Since the 1990s, the

FOUR PRIMARY TYPES OF CANCER IN IOWA ...

Prostate
Female Breast
Lung
Colorectum

MOST COMMON CANCERS IN IOWA

Females

Breast
Colorectum
Lung

Males

Prostate
Lung
Colorectum

Children (0-19)

Leukemia
Brain and other central nervous system
Lymphomas

U.S. and Iowa have experienced a decline in age-adjusted cancer mortality rates. Today, less than half of Iowans newly diagnosed with a cancer will die from it. Survival rates, however, vary considerably by cancer site. As the survival rate decreases, the number of cancer deaths gets closer to the number of newly diagnosed cancers.

Tobacco use is the leading modifiable risk factor for cancer, and is associated with cancers of the lung, oral cavity (excluding lip), esophagus, larynx, pancreas, stomach, uterine cervix, urinary bladder, and kidney. Alcohol consumption is also a known risk factor for cancers of the oral cavity (excluding lip), esophagus, and larynx. Ongoing research indicates that dietary factors may play an important role in the occurrence of cancers of the prostate and colorectum. Other important risk factors include obesity for cancer of the uterine corpus, excessive sunlight exposure for skin melanoma, and genetic predisposition (or positive family history) for colorectal, prostate, and breast cancers.

The State Health Registry of Iowa has been recording the occurrence of cancer in Iowa since 1973. It receives mortality data from the Iowa Department of Public Health (IDPH). The Registry's incidence and IDPH's mortality databases have been used to generate the cancer incidence and cancer mortality statistics provided in this section of the 2007 Iowa Health Fact Book via a software program called SEER*Stat, which is provided by the National Cancer Institute.

All Cancer Incidence 1996-2004

| | Average Population < 10,000 | | | | Average Population 10,000 - 20,000 | | | | Average Population > 20,000 | | | | MSA Counties | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|--|---|------------------------------------|--------------|--|---|-----------------------------|------------|--|---|--------------|------------|--|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------------|------------|------------|------------|------------|--------------|--------------|--------------|---------------|--------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|---------------|--------------|---------------|--------------|--------------|
| | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Counties with Average Population < 10,000 | Adair | 458 | 623.5 (35) | 424.5 (96) | Monona | 677 | 757.5 (02) | 477.6 (40) | Monroe | 479 | 666.8 (18) | 494.6 (16) | Osceola | 396 | 630.4 (30) | 473.0 (52) | Palo Alto | 677 | 748.5 (04) | 523.2 (02) | Pocahontas | 567 | 733.1 (07) | 475.1 (44) | Ringgold | 362 | 743.5 (05) | 469.6 (58) | Taylor | 377 | 606.9 (49) | 408.9 (98) | Van Buren | 446 | 638.9 (28) | 470.2 (57) | Wayne | 515 | 848.6 (01) | 537.0 (01) | Worth | 418 | 590.7 (58) | 433.5 (89) | Total | 9,483 | 663.6 | 469.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Counties with Average Population 10,000 - 20,000 | Allamakee | 786 | 599.6 (53) | 452.5 (76) | Hardin | 1,154 | 686.6 (13) | 487.8 (26) | Humboldt | 612 | 659.6 (22) | 458.6 (66) | Iowa | 800 | 567.0 (65) | 461.5 (64) | Jefferson | 686 | 469.2 (93) | 417.9 (97) | Keokuk | 631 | 615.9 (42) | 457.0 (68) | Kossuth | 964 | 629.6 (31) | 456.2 (70) | Louisa | 505 | 462.1 (94) | 425.6 (95) | Lyon | 646 | 610.2 (47) | 479.1 (37) | Mitchell | 602 | 614.6 (43) | 429.1 (92) | Montgomery | 689 | 657.6 (24) | 473.3 (51) | O'Brien | 939 | 693.3 (12) | 483.1 (33) | Page | 1,033 | 679.3 (15) | 491.3 (18) | Poweshiek | 946 | 556.0 (71) | 447.9 (81) | Sac | 760 | 738.0 (06) | 488.5 (25) | Shelby | 726 | 616.8 (39) | 442.2 (83) | Tama | 1,069 | 660.7 (19) | 501.7 (09) | Union | 660 | 599.2 (54) | 448.0 (80) | Winnebago | 525 | 501.4 (85) | 381.9 (99) | Wright | 864 | 674.9 (17) | 473.7 (49) | Total | 30,316 | 617.9 | 463.5 | | |
| | | Counties with Average Population > 20,000 | Boone | 1,271 | 540.5 (75) | 454.1 (73) | Lee | 2,029 | 596.4 (55) | 484.0 (31) | Mahaska | 1,067 | 533.4 (79) | 452.1 (77) | Marion | 1,433 | 496.6 (88) | 430.7 (91) | Marshall | 2,143 | 606.3 (50) | 496.6 (13) | Muscatine | 1,890 | 502.9 (84) | 488.9 (23) | Plymouth | 1,268 | 568.8 (64) | 490.2 (19) | Sioux | 1,468 | 514.3 (83) | 476.2 (42) | Wapello | 2,009 | 620.8 (37) | 496.6 (13) | Webster | 2,119 | 592.7 (56) | 484.6 (29) | Winneshiek | 953 | 498.8 (86) | 441.3 (84) | Total | 33,472 | 569.4 | 478.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | MSA Counties | Benton | 1,224 | 534.4 (77) | 477.1 (41) | Linn | 8,348 | 485.4 (92) | 490.2 (19) | Black Hawk | 5,891 | 515.1 (82) | 486.3 (27) | Madison | 680 | 536.1 (76) | 470.8 (55) | Bremer | 1,142 | 543.2 (73) | 456.3 (69) | Mills | 649 | 497.5 (87) | 474.1 (47) | Dallas | 1,709 | 456.7 (95) | 497.9 (12) | Polk | 14,632 | 433.0 (96) | 467.4 (60) | Dubuque | 4,302 | 534.3 (78) | 485.2 (28) | Pottawattamie | 4,076 | 518.6 (81) | 489.0 (22) | Grundy | 752 | 677.6 (16) | 499.9 (10) | Scott | 7,009 | 491.3 (90) | 504.6 (08) | Guthrie | 660 | 645.2 (25) | 463.6 (63) | Story | 2,485 | 348.4 (98) | 439.0 (87) | Harrison | 883 | 628.6 (32) | 498.0 (11) | Warren | 1,544 | 420.9 (97) | 428.5 (93) | Johnson | 3,365 | 337.0 (99) | 484.0 (31) | Washington | 1,059 | 565.1 (68) | 448.9 (79) | Jones | 1,038 | 566.2 (67) | 488.9 (23) | Woodbury | 4,607 | 494.1 (89) | 484.1 (30) | Total | 66,055 | 469.6 | 479.6 |
| | | | | State Total | 139,326 | 530.2 | 475.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

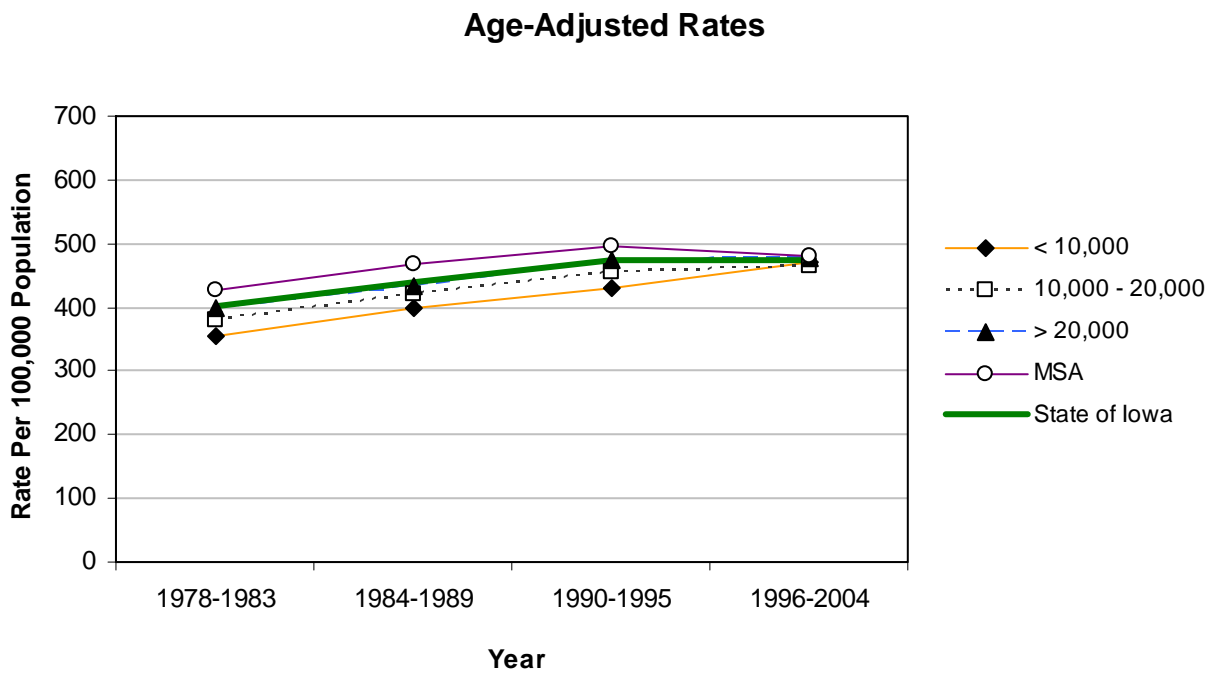
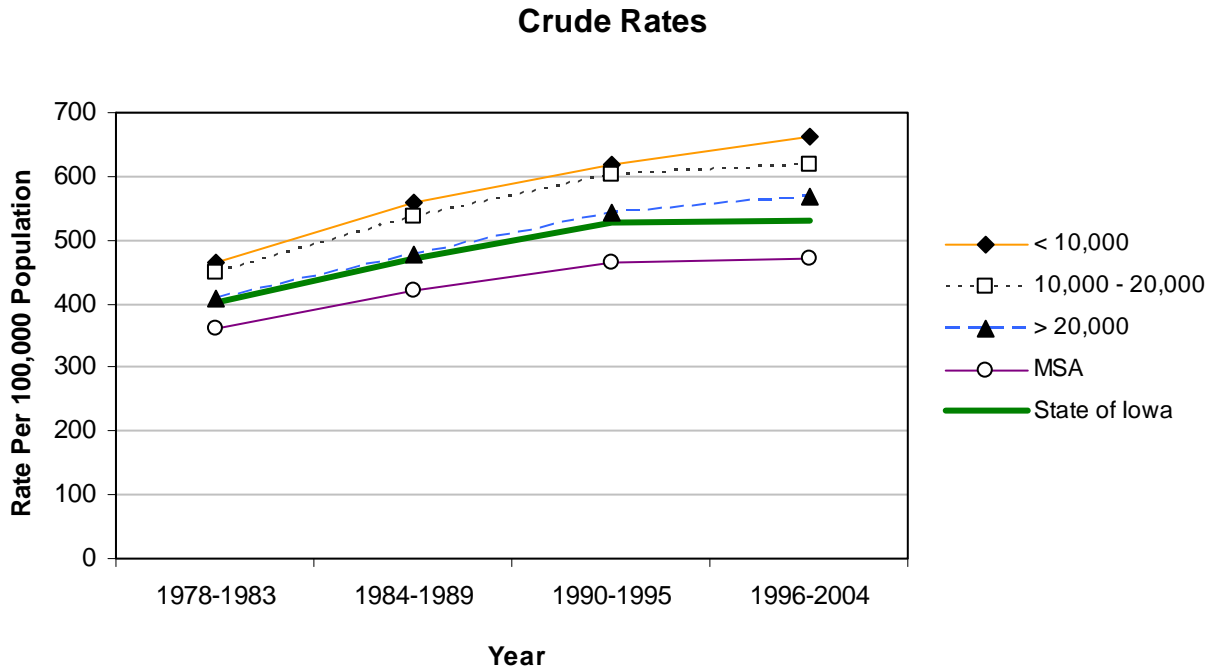
¹Rates per 100,000 population

²Adjusted to year 2000 population

³Rank among 99 counties

Source: State Health Registry of Iowa via NCI's SEER*Stat Program

All Cancer Incidence by County Group 1978-2004



All Cancer Mortality 1996-2004

| | Average Population < 10,000 | | | | Average Population 10,000 - 20,000 | | | | Average Population > 20,000 | | | | MSA Counties | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|--|---|------------------------------------|--------------|--|---|-----------------------------|------------|--|---|--------------|------------|--|---|------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|------------|------------|------------|------------|---------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|------------|------------|--------------|--------|-------|-------|
| | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Counties with Average Population < 10,000 | Adair | 221 | 300.9 (11) | 181.9 (59) | Monona | 331 | 370.3 (01) | 210.6 (06) | Monroe | 208 | 289.6 (16) | 205.2 (08) | Osceola | 145 | 230.8 (66) | 169.0 (85) | Palo Alto | 311 | 343.8 (03) | 221.3 (01) | Pocahontas | 246 | 318.1 (05) | 196.1 (23) | Ringgold | 158 | 324.5 (04) | 175.4 (73) | Taylor | 159 | 255.9 (46) | 156.5 (98) | Van Buren | 180 | 257.9 (43) | 177.2 (68) | Wayne | 213 | 351.0 (02) | 204.1 (09) | Worth | 193 | 272.7 (27) | 183.6 (51) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Total | 4,078 | 285.4 | 186.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Counties with Average Population 10,000 - 20,000 | Allamakee | 311 | 237.3 (59) | 165.5 (91) | Hardin | 524 | 311.8 (08) | 200.4 (13) | Humboldt | 254 | 273.8 (25) | 175.8 (72) | Iowa | 342 | 242.4 (58) | 181.9 (59) | Jefferson | 280 | 191.5 (92) | 166.6 (88) | Keokuk | 272 | 265.5 (36) | 183.4 (52) | Kossuth | 401 | 261.9 (41) | 174.9 (74) | Louisa | 243 | 222.3 (74) | 197.9 (18) | Lyon | 233 | 220.1 (76) | 161.1 (96) | Mitchell | 261 | 266.5 (35) | 166.5 (89) | Montgomery | 282 | 269.2 (32) | 182.2 (57) | O'Brien | 378 | 279.1 (20) | 180.5 (65) | Page | 433 | 284.7 (17) | 188.2 (40) | Poweshiek | 425 | 249.8 (54) | 185.9 (43) | Sac | 310 | 301.0 (10) | 184.3 (48) | Shelby | 302 | 256.6 (45) | 172.9 (77) | Tama | 409 | 252.8 (52) | 179.2 (66) | Union | 297 | 269.6 (30) | 188.4 (38) | Winnebago | 247 | 235.9 (60) | 164.4 (93) | Wright | 395 | 308.5 (09) | 191.7 (28) | | | | | | | | | |
| | | | | | | Total | 12,687 | 258.6 | 179.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Counties with Average Population > 20,000 | Boone | 553 | 235.2 (61) | 186.8 (42) | Lee | 932 | 273.9 (24) | 214.4 (05) | Buchanan | 435 | 229.9 (68) | 200.2 (14) | Mahaska | 461 | 230.5 (67) | 187.2 (41) | Buena Vista | 429 | 234.4 (62) | 182.9 (54) | Marion | 632 | 219.0 (79) | 180.9 (62) | Carroll | 509 | 264.5 (38) | 190.0 (31) | Marshall | 967 | 273.6 (26) | 214.6 (04) | Cerro Gordo | 1,058 | 254.8 (50) | 192.1 (27) | Muscatine | 783 | 208.3 (87) | 199.9 (16) | Clinton | 1,096 | 242.6 (57) | 198.3 (17) | Plymouth | 508 | 227.9 (71) | 185.3 (46) | Des Moines | 977 | 258.2 (42) | 201.9 (11) | Sioux | 498 | 174.5 (96) | 151.8 (99) | Fayette | 549 | 279.1 (20) | 196.5 (22) | Wapello | 865 | 267.3 (34) | 203.9 (10) | Henry | 398 | 218.9 (80) | 185.8 (45) | Webster | 915 | 255.9 (46) | 197.1 (20) | Jackson | 463 | 254.1 (51) | 194.8 (25) | Winneshiek | 406 | 212.5 (83) | 173.6 (75) | Jasper | 739 | 221.6 (75) | 180.8 (63) | Total | 14,173 | 241.1 | 193.1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | MSA Counties | Benton | 484 | 211.3 (85) | 178.8 (67) | Linn | 3,250 | 189.0 (93) | 190.0 (31) | Black Hawk | 2,389 | 208.9 (86) | 191.5 (29) | Madison | 279 | 220.0 (77) | 185.0 (47) | Bremer | 446 | 212.1 (84) | 166.2 (90) | Mills | 257 | 197.0 (90) | 189.3 (35) | Dallas | 674 | 180.1 (95) | 197.9 (18) | Polk | 6,180 | 182.9 (94) | 200.0 (15) | Dubuque | 1,742 | 216.3 (82) | 189.1 (36) | Pottawattamie | 1,766 | 224.7 (73) | 210.6 (06) | Grundy | 298 | 268.5 (33) | 182.2 (57) | Scott | 2,774 | 194.5 (91) | 201.7 (12) | Guthrie | 277 | 270.8 (29) | 176.4 (70) | Story | 984 | 138.0 (98) | 169.5 (82) | Harrison | 413 | 294.0 (13) | 219.1 (02) | Warren | 618 | 168.5 (97) | 172.7 (78) | Johnson | 1,226 | 122.8 (99) | 189.8 (33) | Washington | 411 | 219.3 (78) | 158.5 (97) | Jones | 419 | 228.5 (70) | 189.4 (34) | Woodbury | 1,910 | 204.9 (89) | 195.3 (24) | Total | 26,797 | 190.5 | 192.8 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | State Total | 57,735 | 219.7 | 189.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

¹Rates per 100,000 population

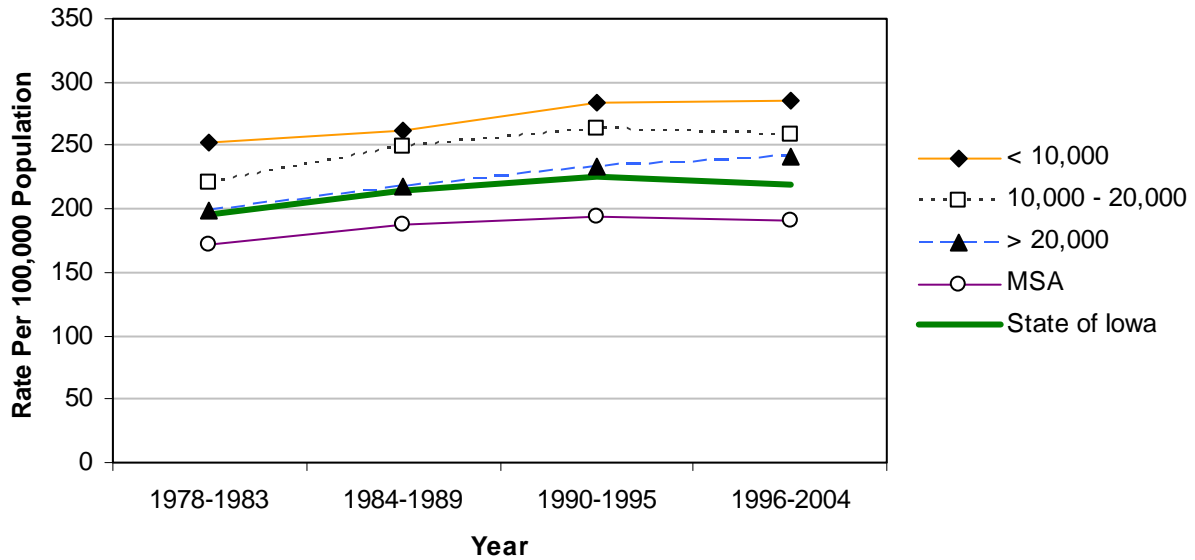
²Adjusted to year 2000 population

³Rank among 99 counties

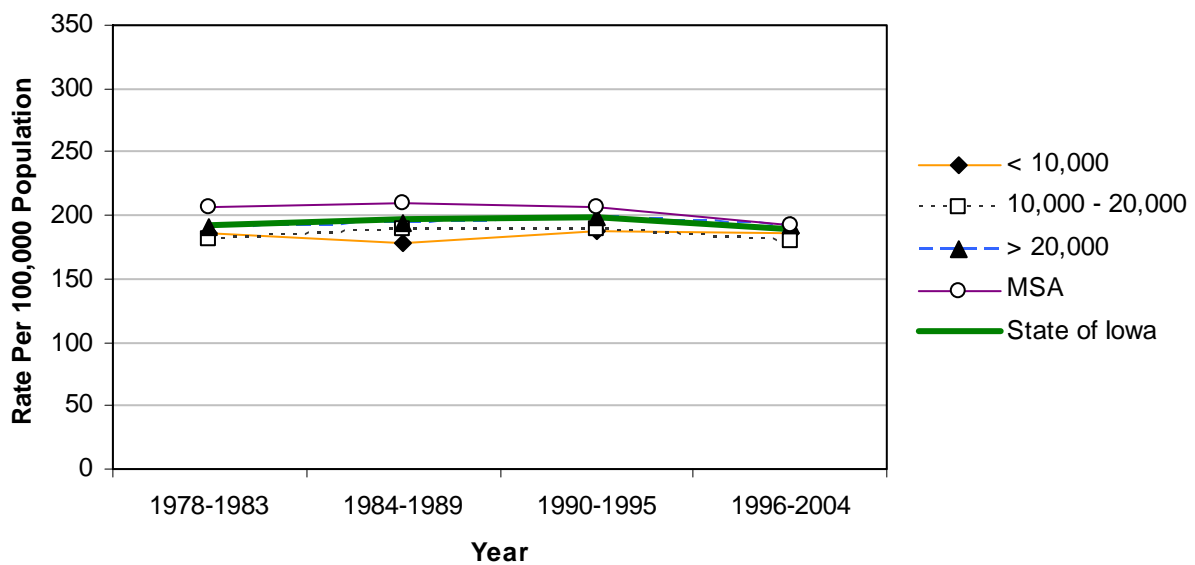
Source: State Health Registry of Iowa via NCI's SEER*Stat Program

All Cancer Mortality by County Group 1978-2004

Crude Rates



Age-Adjusted Rates



Prostate Cancer Incidence 1996-2004

| | Average Population < 10,000 | | | | Average Population 10,000 - 20,000 | | | | Average Population > 20,000 | | | | MSA Counties | | | | |
|---|--|------------|--|---|------------------------------------|----------|--|---|-----------------------------|----------|--|---|---------------|-----------|--|---|------------|
| | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | |
| Counties with Average Population < 10,000 | Adair | 81 | 225.4 (13) | 161.5 (36) | Monona | 97 | 224.1 (14) | 154.8 (44) | Monroe | 68 | 193.9 (31) | 157.1 (42) | Osceola | 50 | 163.0 (58) | 136.0 (78) | |
| | Adams | 32 | 162.4 (60) | 115.4 (92) | Osceola | 50 | 163.0 (58) | 136.0 (78) | Palo Alto | 123 | 278.2 (04) | 214.9 (02) | Pocahontas | 102 | 269.2 (06) | 196.1 (07) | |
| | Audubon | 90 | 308.6 (02) | 206.7 (05) | Palo Alto | 123 | 278.2 (04) | 214.9 (02) | Ringgold | 65 | 275.8 (05) | 177.3 (13) | Taylor | 44 | 146.6 (77) | 100.7 (99) | |
| | Clarke | 74 | 186.3 (40) | 164.3 (31) | Pocahontas | 102 | 269.2 (06) | 196.1 (07) | Taylor | 44 | 146.6 (77) | 100.7 (99) | Van Buren | 79 | 227.5 (12) | 173.2 (17) | |
| | Davis | 70 | 183.7 (41) | 161.3 (37) | Ringgold | 65 | 275.8 (05) | 177.3 (13) | Van Buren | 79 | 227.5 (12) | 173.2 (17) | Wayne | 91 | 314.5 (01) | 202.0 (06) | |
| | Decatur | 49 | 129.8 (89) | 110.8 (95) | Taylor | 44 | 146.6 (77) | 100.7 (99) | Wayne | 91 | 314.5 (01) | 202.0 (06) | Worth | 61 | 174.2 (51) | 141.5 (68) | |
| | Fremont | 48 | 137.7 (83) | 108.6 (96) | Van Buren | 79 | 227.5 (12) | 173.2 (17) | Worth | 61 | 174.2 (51) | 141.5 (68) | Total | 1,462 | 209.5 | 159.0 | |
| | Howard | 80 | 181.9 (42) | 142.4 (66) | Worth | 61 | 174.2 (51) | 141.5 (68) | | | | | | | | | |
| | Ida | 70 | 205.7 (24) | 150.3 (51) | Total | 1,462 | 209.5 | 159.0 | | | | | | | | | |
| | Lucas | 88 | 213.6 (19) | 169.2 (20) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | Counties with Average Population 10,000 - 20,000 | Allamakee | 128 | 195.2 (29) | 158.6 (38) | Hardin | 176 | 213.8 (18) | 166.9 (27) | Humboldt | 86 | 189.4 (37) | 144.6 (57) | Iowa | 108 | 157.0 (67) | 138.2 (74) |
| | | Appanoose | 120 | 203.7 (25) | 154.7 (45) | Humboldt | 86 | 189.4 (37) | 144.6 (57) | Iowa | 108 | 157.0 (67) | 138.2 (74) | Jefferson | 98 | 136.9 (84) | 143.5 (63) |
| Butler | | 134 | 198.4 (26) | 153.4 (49) | Iowa | 108 | 157.0 (67) | 138.2 (74) | Jefferson | 98 | 136.9 (84) | 143.5 (63) | Keokuk | 79 | 158.9 (64) | 128.9 (85) | |
| Calhoun | | 96 | 193.9 (31) | 143.1 (65) | Keokuk | 79 | 158.9 (64) | 128.9 (85) | Kossuth | 155 | 206.7 (23) | 155.3 (43) | Louisa | 56 | 103.0 (96) | 104.4 (98) | |
| Cass | | 123 | 192.7 (33) | 145.5 (55) | Kossuth | 155 | 206.7 (23) | 155.3 (43) | Louisa | 56 | 103.0 (96) | 104.4 (98) | Lyon | 113 | 215.5 (17) | 186.1 (10) | |
| Cedar | | 133 | 165.1 (55) | 148.6 (54) | Louisa | 56 | 103.0 (96) | 104.4 (98) | Lyon | 113 | 215.5 (17) | 186.1 (10) | Mitchell | 76 | 158.7 (65) | 114.3 (94) | |
| Cherokee | | 127 | 221.2 (15) | 168.3 (23) | Mitchell | 76 | 158.7 (65) | 114.3 (94) | Montgomery | 74 | 149.0 (73) | 117.4 (91) | O'Brien | 151 | 228.2 (11) | 179.4 (12) | |
| Chickasaw | | 96 | 163.8 (57) | 137.9 (75) | Montgomery | 74 | 149.0 (73) | 117.4 (91) | O'Brien | 151 | 228.2 (11) | 179.4 (12) | Page | 153 | 198.0 (27) | 167.0 (26) | |
| Clay | | 166 | 220.3 (16) | 192.4 (08) | O'Brien | 151 | 228.2 (11) | 179.4 (12) | Page | 153 | 198.0 (27) | 167.0 (26) | Poweshiek | 99 | 120.9 (92) | 105.7 (97) | |
| Clayton | | 148 | 178.2 (45) | 144.5 (58) | Page | 153 | 198.0 (27) | 167.0 (26) | Poweshiek | 99 | 120.9 (92) | 105.7 (97) | Sac | 117 | 232.0 (10) | 163.3 (34) | |
| Crawford | | 145 | 190.6 (35) | 167.3 (25) | Poweshiek | 99 | 120.9 (92) | 105.7 (97) | Sac | 117 | 232.0 (10) | 163.3 (34) | Shelby | 112 | 194.3 (30) | 143.9 (61) | |
| Delaware | | 119 | 145.7 (78) | 137.3 (77) | Shelby | 112 | 194.3 (30) | 143.9 (61) | Shelby | 112 | 194.3 (30) | 143.9 (61) | Tama | 185 | 233.0 (09) | 190.4 (09) | |
| Dickinson | | 207 | 289.1 (03) | 209.2 (04) | Tama | 185 | 233.0 (09) | 190.4 (09) | Tama | 185 | 233.0 (09) | 190.4 (09) | Union | 80 | 151.8 (71) | 125.1 (88) | |
| Emmet | | 119 | 246.5 (07) | 210.2 (03) | Union | 80 | 151.8 (71) | 125.1 (88) | Union | 80 | 151.8 (71) | 125.1 (88) | Winnebago | 76 | 148.9 (74) | 126.6 (86) | |
| Floyd | | 121 | 165.7 (54) | 129.6 (84) | Winnebago | 76 | 148.9 (74) | 126.6 (86) | Winnebago | 76 | 148.9 (74) | 126.6 (86) | Wright | 110 | 175.5 (49) | 134.4 (80) | |
| Franklin | | 74 | 155.2 (69) | 120.3 (90) | Wright | 110 | 175.5 (49) | 134.4 (80) | Wright | 110 | 175.5 (49) | 134.4 (80) | Total | 4,476 | 186.0 | 151.9 | |
| Greene | | 94 | 208.9 (20) | 158.2 (39) | Total | 4,476 | 186.0 | 151.9 | | | | | | | | | |
| Hamilton | 112 | 154.0 (70) | 130.7 (82) | | | | | | | | | | | | | | |
| Hancock | 110 | 207.3 (22) | 172.7 (18) | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Counties with Average Population > 20,000 | Boone | 167 | 145.4 (80) | 135.7 (79) | Lee | 295 | 175.4 (50) | 163.0 (35) | Mahaska | 157 | 157.9 (66) | 149.1 (53) | Marion | 199 | 139.0 (82) | 130.4 (83) | |
| | Buchanan | 152 | 161.8 (61) | 164.1 (33) | Mahaska | 157 | 157.9 (66) | 149.1 (53) | Marion | 199 | 139.0 (82) | 130.4 (83) | Marshall | 345 | 197.3 (28) | 174.8 (14) | |
| | Buena Vista | 214 | 233.7 (08) | 222.2 (01) | Marion | 199 | 139.0 (82) | 130.4 (83) | Marshall | 345 | 197.3 (28) | 174.8 (14) | Muscatine | 232 | 124.6 (91) | 138.6 (72) | |
| | Carroll | 179 | 191.2 (34) | 168.4 (22) | Marshall | 345 | 197.3 (28) | 174.8 (14) | Muscatine | 232 | 124.6 (91) | 138.6 (72) | Plymouth | 198 | 178.7 (44) | 168.3 (23) | |
| | Cerro Gordo | 324 | 162.5 (59) | 143.4 (64) | Muscatine | 232 | 124.6 (91) | 138.6 (72) | Plymouth | 198 | 178.7 (44) | 168.3 (23) | Sioux | 253 | 180.6 (43) | 185.3 (11) | |
| | Clinton | 325 | 148.2 (76) | 138.7 (71) | Plymouth | 198 | 178.7 (44) | 168.3 (23) | Sioux | 253 | 180.6 (43) | 185.3 (11) | Wapello | 236 | 150.0 (72) | 131.6 (81) | |
| | Des Moines | 323 | 176.9 (48) | 166.1 (28) | Sioux | 253 | 180.6 (43) | 185.3 (11) | Wapello | 236 | 150.0 (72) | 131.6 (81) | Webster | 302 | 169.7 (52) | 157.4 (41) | |
| | Fayette | 161 | 166.0 (53) | 138.4 (73) | Wapello | 236 | 150.0 (72) | 131.6 (81) | Webster | 302 | 169.7 (52) | 157.4 (41) | Winneshiek | 167 | 177.4 (46) | 170.8 (19) | |
| | Henry | 137 | 148.4 (75) | 157.8 (40) | Webster | 302 | 169.7 (52) | 157.4 (41) | Winneshiek | 167 | 177.4 (46) | 170.8 (19) | Total | 4,736 | 163.6 | 153.3 | |
| | Jackson | 144 | 160.4 (62) | 139.7 (70) | Winneshiek | 167 | 177.4 (46) | 170.8 (19) | Total | 4,736 | 163.6 | 153.3 | | | | | |
| | Jasper | 226 | 134.9 (85) | 126.1 (87) | Total | 4,736 | 163.6 | 153.3 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| MSA Counties | Benton | 166 | 145.5 (79) | 144.2 (59) | Linn | 1,080 | 128.2 (90) | 144.2 (59) | Madison | 111 | 177.2 (47) | 174.5 (15) | Mills | 88 | 134.5 (86) | 145.2 (56) | |
| | Black Hawk | 860 | 156.7 (68) | 164.9 (29) | Madison | 111 | 177.2 (47) | 174.5 (15) | Mills | 88 | 134.5 (86) | 145.2 (56) | Polk | 1,786 | 109.0 (95) | 137.8 (76) | |
| | Bremer | 193 | 189.8 (36) | 174.4 (16) | Mills | 88 | 134.5 (86) | 145.2 (56) | Polk | 1,786 | 109.0 (95) | 137.8 (76) | Pottawattamie | 442 | 115.2 (94) | 120.9 (89) | |
| | Dallas | 218 | 118.1 (93) | 154.2 (46) | Polk | 1,786 | 109.0 (95) | 137.8 (76) | Pottawattamie | 442 | 115.2 (94) | 120.9 (89) | Scott | 911 | 130.5 (88) | 153.9 (48) | |
| | Dubuque | 644 | 164.4 (56) | 164.9 (29) | Pottawattamie | 442 | 115.2 (94) | 120.9 (89) | Scott | 911 | 130.5 (88) | 153.9 (48) | Story | 354 | 96.8 (98) | 149.8 (52) | |
| | Grundy | 113 | 208.5 (21) | 168.5 (21) | Scott | 911 | 130.5 (88) | 153.9 (48) | Story | 354 | 96.8 (98) | 149.8 (52) | Warren | 182 | 101.9 (97) | 115.2 (93) | |
| | Guthrie | 94 | 186.6 (39) | 139.8 (69) | Story | 354 | 96.8 (98) | 149.8 (52) | Warren | 182 | 101.9 (97) | 115.2 (93) | Washington | 145 | 160.2 (63) | 143.7 (62) | |
| | Harrison | 129 | 187.0 (38) | 164.2 (32) | Warren | 182 | 101.9 (97) | 115.2 (93) | Washington | 145 | 160.2 (63) | 143.7 (62) | Woodbury | 611 | 133.9 (87) | 154.0 (47) | |
| | Johnson | 447 | 90.2 (99) | 152.8 (50) | Washington | 145 | 160.2 (63) | 143.7 (62) | Woodbury | 611 | 133.9 (87) | 154.0 (47) | Total | 8,711 | 126.5 | 148.0 | |
| | Jones | 137 | 142.3 (81) | 142.1 (67) | Woodbury | 611 | 133.9 (87) | 154.0 (47) | Total | 8,711 | 126.5 | 148.0 | | | | | |
| | | | | | | | | | | | | | | | | | |
| | State Total | 19,385 | 150.4 | 151.4 | | | | | | | | | | | | | |

¹Rates per 100,000 population

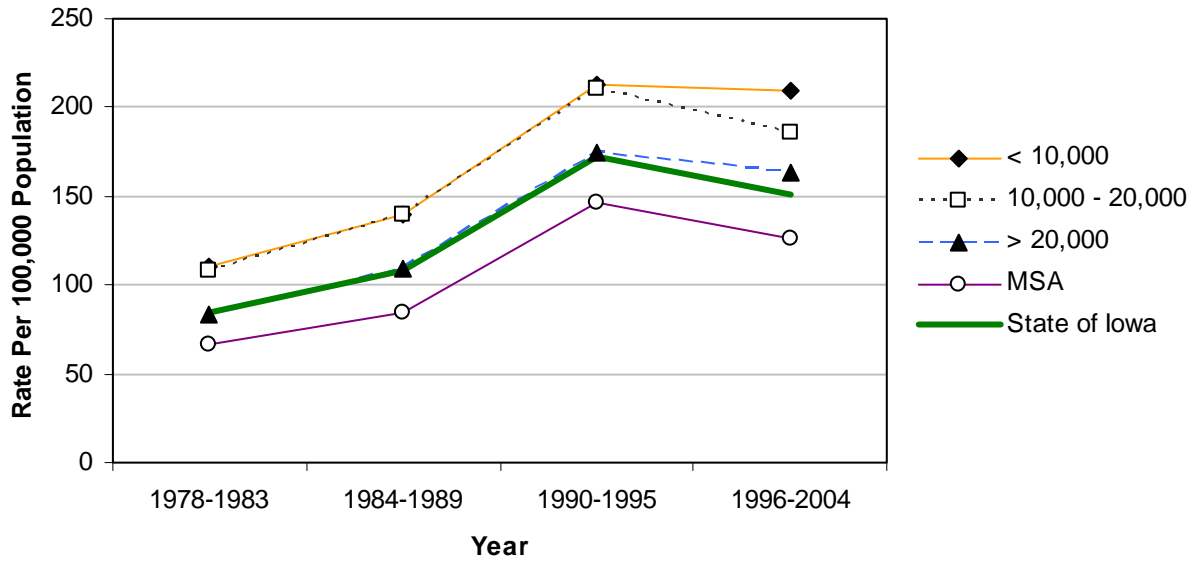
²Adjusted to year 2000 population

³Rank among 99 counties

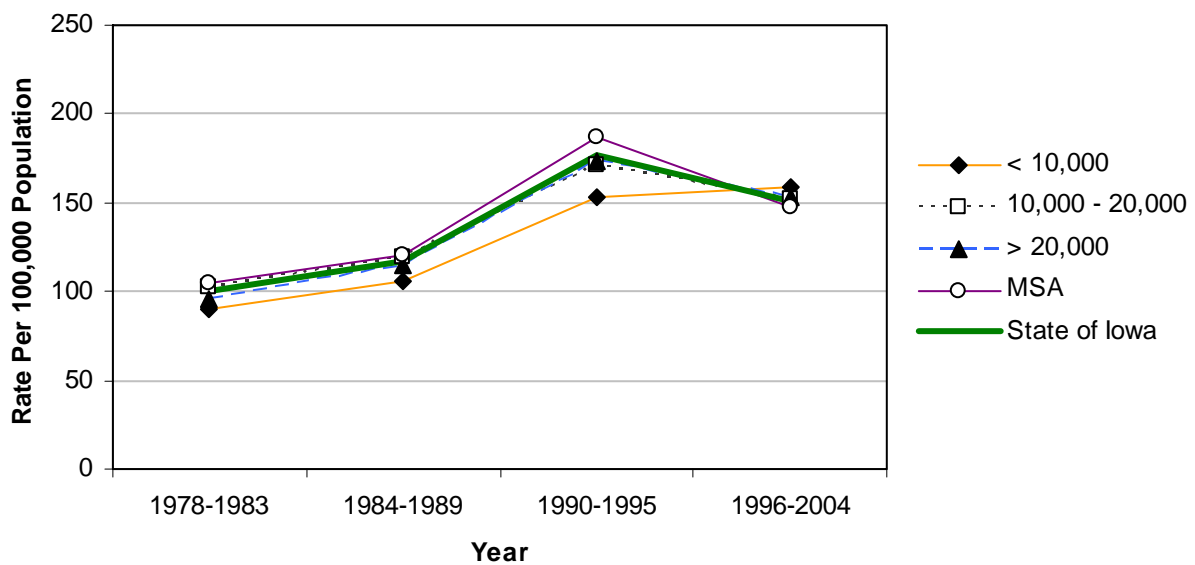
Source: State Health Registry of Iowa via NCI's SEER*Stat Program

Prostate Cancer Incidence by County Group 1978-2004

Crude Rates



Age-Adjusted Rates



Prostate Cancer Mortality 1996-2004

| | Average Population < 10,000 | | | | Average Population 10,000 - 20,000 | | | | Average Population > 20,000 | | | | MSA Counties | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------------|------------|--|---|------------------------------------|--------------|--|---|-----------------------------|--------------|--|---|---------------|--------------|--|---|-------------|---------------|-----------|-----------|-------------|---------------|-----------|-----------|-------------|-------|-----------|-----------|-------------|--------|-----------|-----------|-------------|------------|-----------|-----------|------------|------------|-----------|-----------|------------|----------|-----------|-----------|-----------|----|-----------|-----------|-----------|----|-----------|-----------|------------|----|-----------|-----------|------------|----|-----------|-----------|----------|----|-----------|-----------|-----------|----|-----------|-----------|------------|----|-----------|-----------|------------|----|-----------|-----------|-----------|----|-----------|-----------|----------|----|-----------|-----------|------------|----|-----------|-----------|------------|----|-----------|-----------|------------|----|-----------|-----------|------------|----|-----------|-----------|
| | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Counties with Average Population < 10,000 | Adair | 22 | 61.2 (04) | 39.2 (11) | Monona | 29 | 67.0 (03) | 42.5 (06) | Monroe | 7 | 20.0 (94) | 16.1 (97) | Osceola | 7 | 22.8 (87) | 19.0 (94) | Palo Alto | 33 | 74.6 (01) | 55.2 (01) | Pocahontas | 15 | 39.6 (31) | 27.2 (71) | Ringgold | 12 | 50.9 (10) | 31.1 (41) | Taylor | 11 | 36.7 (42) | 22.4 (87) | Van Buren | 15 | 43.2 (23) | 30.9 (47) | Wayne | 20 | 69.1 (02) | 40.2 (10) | Worth | 11 | 31.4 (60) | 25.3 (83) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Adams | 6 | 30.4 (66) | 22.0 (89) | Hardin | 37 | 45.0 (20) | 33.4 (28) | Humboldt | 14 | 30.8 (64) | 23.1 (85) | Iowa | 24 | 34.9 (46) | 30.6 (49) | Jefferson | 13 | 18.2 (97) | 18.6 (95) | Keokuk | 19 | 38.2 (36) | 28.9 (62) | Kossuth | 22 | 29.3 (67) | 21.6 (91) | Louisa | 9 | 16.6 (98) | 17.6 (96) | Lyon | 10 | 19.1 (95) | 15.6 (98) | Mitchell | 23 | 48.0 (17) | 30.4 (50) | Montgomery | 10 | 20.1 (93) | 15.4 (99) | O'Brien | 25 | 37.8 (37) | 28.5 (65) | Page | 38 | 49.2 (14) | 40.8 (08) | Poweshiek | 28 | 34.2 (50) | 29.0 (61) | Sac | 28 | 55.5 (08) | 37.7 (17) | Shelby | 28 | 48.6 (16) | 34.4 (22) | Tama | 27 | 34.0 (52) | 27.6 (70) | Union | 21 | 39.9 (30) | 34.2 (24) | Winnebago | 22 | 43.1 (24) | 33.2 (29) | Wright | 24 | 38.3 (34) | 27.0 (75) | | | | | | | | | | | | | | | | | | | | |
| | Audubon | 17 | 58.3 (06) | 38.3 (16) | Delaware | 21 | 25.7 (77) | 26.0 (77) | Dickinson | 21 | 29.3 (67) | 21.6 (91) | Emmet | 26 | 53.9 (09) | 43.6 (04) | Floyd | 30 | 41.1 (28) | 31.1 (41) | Franklin | 21 | 44.0 (22) | 34.0 (25) | Greene | 14 | 31.1 (62) | 22.3 (88) | Hamilton | 19 | 26.1 (76) | 22.7 (86) | Hancock | 20 | 37.7 (39) | 31.1 (41) | Lee | 46 | 27.3 (74) | 27.8 (69) | Mahaska | 33 | 33.2 (55) | 30.4 (50) | Marion | 46 | 32.1 (59) | 30.1 (57) | Marshall | 86 | 49.2 (14) | 46.1 (02) | Muscatine | 45 | 24.2 (81) | 32.2 (36) | Plymouth | 36 | 32.5 (57) | 30.3 (52) | Sioux | 43 | 30.7 (65) | 31.6 (38) | Wapello | 57 | 36.2 (43) | 32.5 (33) | Webster | 62 | 34.8 (47) | 33.9 (26) | Winneshiek | 40 | 42.5 (25) | 40.7 (09) | | | | | | | | | | | | | | | | | | | | | | | | |
| | Clarke | 15 | 37.8 (37) | 32.4 (34) | Dickinson | 21 | 29.3 (67) | 21.6 (91) | Emmet | 26 | 53.9 (09) | 43.6 (04) | Floyd | 30 | 41.1 (28) | 31.1 (41) | Franklin | 21 | 44.0 (22) | 34.0 (25) | Greene | 14 | 31.1 (62) | 22.3 (88) | Hamilton | 19 | 26.1 (76) | 22.7 (86) | Hancock | 20 | 37.7 (39) | 31.1 (41) | Lee | 46 | 27.3 (74) | 27.8 (69) | Mahaska | 33 | 33.2 (55) | 30.4 (50) | Marion | 46 | 32.1 (59) | 30.1 (57) | Marshall | 86 | 49.2 (14) | 46.1 (02) | Muscatine | 45 | 24.2 (81) | 32.2 (36) | Plymouth | 36 | 32.5 (57) | 30.3 (52) | Sioux | 43 | 30.7 (65) | 31.6 (38) | Wapello | 57 | 36.2 (43) | 32.5 (33) | Webster | 62 | 34.8 (47) | 33.9 (26) | Winneshiek | 40 | 42.5 (25) | 40.7 (09) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Davis | 11 | 28.9 (69) | 26.0 (77) | Franklin | 21 | 44.0 (22) | 34.0 (25) | Greene | 14 | 31.1 (62) | 22.3 (88) | Hamilton | 19 | 26.1 (76) | 22.7 (86) | Hancock | 20 | 37.7 (39) | 31.1 (41) | Lee | 46 | 27.3 (74) | 27.8 (69) | Mahaska | 33 | 33.2 (55) | 30.4 (50) | Marion | 46 | 32.1 (59) | 30.1 (57) | Marshall | 86 | 49.2 (14) | 46.1 (02) | Muscatine | 45 | 24.2 (81) | 32.2 (36) | Plymouth | 36 | 32.5 (57) | 30.3 (52) | Sioux | 43 | 30.7 (65) | 31.6 (38) | Wapello | 57 | 36.2 (43) | 32.5 (33) | Webster | 62 | 34.8 (47) | 33.9 (26) | Winneshiek | 40 | 42.5 (25) | 40.7 (09) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Decatur | 13 | 34.4 (49) | 30.3 (52) | Greene | 14 | 31.1 (62) | 22.3 (88) | Hamilton | 19 | 26.1 (76) | 22.7 (86) | Hancock | 20 | 37.7 (39) | 31.1 (41) | Lee | 46 | 27.3 (74) | 27.8 (69) | Mahaska | 33 | 33.2 (55) | 30.4 (50) | Marion | 46 | 32.1 (59) | 30.1 (57) | Marshall | 86 | 49.2 (14) | 46.1 (02) | Muscatine | 45 | 24.2 (81) | 32.2 (36) | Plymouth | 36 | 32.5 (57) | 30.3 (52) | Sioux | 43 | 30.7 (65) | 31.6 (38) | Wapello | 57 | 36.2 (43) | 32.5 (33) | Webster | 62 | 34.8 (47) | 33.9 (26) | Winneshiek | 40 | 42.5 (25) | 40.7 (09) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Fremont | 16 | 45.9 (18) | 35.4 (20) | Howard | 22 | 50.0 (12) | 36.3 (18) | Ida | 20 | 58.8 (05) | 41.0 (07) | Lucas | 16 | 38.8 (33) | 31.7 (37) | Boone | 32 | 27.9 (71) | 28.1 (66) | Buchanan | 26 | 27.7 (73) | 31.1 (41) | Buena Vista | 36 | 39.3 (32) | 35.9 (19) | Carroll | 32 | 34.2 (50) | 29.1 (60) | Cerro Gordo | 56 | 28.1 (70) | 25.8 (79) | Clinton | 55 | 25.1 (78) | 25.5 (80) | Des Moines | 60 | 32.9 (56) | 32.6 (32) | Fayette | 30 | 30.9 (63) | 25.5 (80) | Henry | 29 | 31.4 (60) | 34.3 (23) | Jackson | 38 | 42.3 (26) | 39.1 (12) | Jasper | 34 | 20.3 (91) | 20.1 (93) | Lee | 46 | 27.3 (74) | 27.8 (69) | Mahaska | 33 | 33.2 (55) | 30.4 (50) | Marion | 46 | 32.1 (59) | 30.1 (57) | Marshall | 86 | 49.2 (14) | 46.1 (02) | Muscatine | 45 | 24.2 (81) | 32.2 (36) | Plymouth | 36 | 32.5 (57) | 30.3 (52) | Sioux | 43 | 30.7 (65) | 31.6 (38) | Wapello | 57 | 36.2 (43) | 32.5 (33) | Webster | 62 | 34.8 (47) | 33.9 (26) | Winneshiek | 40 | 42.5 (25) | 40.7 (09) |
| | Howard | 22 | 50.0 (12) | 36.3 (18) | Ida | 20 | 58.8 (05) | 41.0 (07) | Lucas | 16 | 38.8 (33) | 31.7 (37) | Boone | 32 | 27.9 (71) | 28.1 (66) | Buchanan | 26 | 27.7 (73) | 31.1 (41) | Buena Vista | 36 | 39.3 (32) | 35.9 (19) | Carroll | 32 | 34.2 (50) | 29.1 (60) | Cerro Gordo | 56 | 28.1 (70) | 25.8 (79) | Clinton | 55 | 25.1 (78) | 25.5 (80) | Des Moines | 60 | 32.9 (56) | 32.6 (32) | Fayette | 30 | 30.9 (63) | 25.5 (80) | Henry | 29 | 31.4 (60) | 34.3 (23) | Jackson | 38 | 42.3 (26) | 39.1 (12) | Jasper | 34 | 20.3 (91) | 20.1 (93) | Lee | 46 | 27.3 (74) | 27.8 (69) | Mahaska | 33 | 33.2 (55) | 30.4 (50) | Marion | 46 | 32.1 (59) | 30.1 (57) | Marshall | 86 | 49.2 (14) | 46.1 (02) | Muscatine | 45 | 24.2 (81) | 32.2 (36) | Plymouth | 36 | 32.5 (57) | 30.3 (52) | Sioux | 43 | 30.7 (65) | 31.6 (38) | Wapello | 57 | 36.2 (43) | 32.5 (33) | Webster | 62 | 34.8 (47) | 33.9 (26) | Winneshiek | 40 | 42.5 (25) | 40.7 (09) | | | | |
| | Ida | 20 | 58.8 (05) | 41.0 (07) | Lucas | 16 | 38.8 (33) | 31.7 (37) | Boone | 32 | 27.9 (71) | 28.1 (66) | Buchanan | 26 | 27.7 (73) | 31.1 (41) | Buena Vista | 36 | 39.3 (32) | 35.9 (19) | Carroll | 32 | 34.2 (50) | 29.1 (60) | Cerro Gordo | 56 | 28.1 (70) | 25.8 (79) | Clinton | 55 | 25.1 (78) | 25.5 (80) | Des Moines | 60 | 32.9 (56) | 32.6 (32) | Fayette | 30 | 30.9 (63) | 25.5 (80) | Henry | 29 | 31.4 (60) | 34.3 (23) | Jackson | 38 | 42.3 (26) | 39.1 (12) | Jasper | 34 | 20.3 (91) | 20.1 (93) | Lee | 46 | 27.3 (74) | 27.8 (69) | Mahaska | 33 | 33.2 (55) | 30.4 (50) | Marion | 46 | 32.1 (59) | 30.1 (57) | Marshall | 86 | 49.2 (14) | 46.1 (02) | Muscatine | 45 | 24.2 (81) | 32.2 (36) | Plymouth | 36 | 32.5 (57) | 30.3 (52) | Sioux | 43 | 30.7 (65) | 31.6 (38) | Wapello | 57 | 36.2 (43) | 32.5 (33) | Webster | 62 | 34.8 (47) | 33.9 (26) | Winneshiek | 40 | 42.5 (25) | 40.7 (09) | | | | | | | | |
| | Lucas | 16 | 38.8 (33) | 31.7 (37) | Boone | 32 | 27.9 (71) | 28.1 (66) | Buchanan | 26 | 27.7 (73) | 31.1 (41) | Buena Vista | 36 | 39.3 (32) | 35.9 (19) | Carroll | 32 | 34.2 (50) | 29.1 (60) | Cerro Gordo | 56 | 28.1 (70) | 25.8 (79) | Clinton | 55 | 25.1 (78) | 25.5 (80) | Des Moines | 60 | 32.9 (56) | 32.6 (32) | Fayette | 30 | 30.9 (63) | 25.5 (80) | Henry | 29 | 31.4 (60) | 34.3 (23) | Jackson | 38 | 42.3 (26) | 39.1 (12) | Jasper | 34 | 20.3 (91) | 20.1 (93) | Lee | 46 | 27.3 (74) | 27.8 (69) | Mahaska | 33 | 33.2 (55) | 30.4 (50) | Marion | 46 | 32.1 (59) | 30.1 (57) | Marshall | 86 | 49.2 (14) | 46.1 (02) | Muscatine | 45 | 24.2 (81) | 32.2 (36) | Plymouth | 36 | 32.5 (57) | 30.3 (52) | Sioux | 43 | 30.7 (65) | 31.6 (38) | Wapello | 57 | 36.2 (43) | 32.5 (33) | Webster | 62 | 34.8 (47) | 33.9 (26) | Winneshiek | 40 | 42.5 (25) | 40.7 (09) | | | | | | | | | | | | |
| | Total | | | | | Total | 318 | 45.6 | 33.2 | Total | 865 | 36.0 | 28.8 | Total | 922 | 31.9 | 31.2 | Total | 1,559 | 22.6 | 30.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MSA Counties | Benton | 25 | 21.9 (88) | 22.0 (89) | Linn | 177 | 21.0 (90) | 28.7 (64) | Madison | 24 | 38.3 (34) | 38.8 (15) | Mills | 16 | 24.4 (80) | 31.4 (39) | Polk | 346 | 21.1 (89) | 32.3 (35) | Pottawattamie | 88 | 22.9 (86) | 27.1 (73) | Scott | 141 | 20.2 (92) | 28.9 (62) | Story | 86 | 23.5 (84) | 39.1 (12) | Warren | 43 | 24.1 (82) | 32.9 (31) | Washington | 34 | 37.6 (40) | 31.1 (41) | Woodbury | 109 | 23.9 (83) | 30.2 (56) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Black Hawk | 135 | 24.6 (79) | 28.0 (67) | Madison | 24 | 38.3 (34) | 38.8 (15) | Mills | 16 | 24.4 (80) | 31.4 (39) | Polk | 346 | 21.1 (89) | 32.3 (35) | Pottawattamie | 88 | 22.9 (86) | 27.1 (73) | Scott | 141 | 20.2 (92) | 28.9 (62) | Story | 86 | 23.5 (84) | 39.1 (12) | Warren | 43 | 24.1 (82) | 32.9 (31) | Washington | 34 | 37.6 (40) | 31.1 (41) | Woodbury | 109 | 23.9 (83) | 30.2 (56) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bremer | | 33 | 32.5 (57) | 31.3 (40) | Mills | 16 | 24.4 (80) | 31.4 (39) | Polk | 346 | 21.1 (89) | 32.3 (35) | Pottawattamie | 88 | 22.9 (86) | 27.1 (73) | Scott | 141 | 20.2 (92) | 28.9 (62) | Story | 86 | 23.5 (84) | 39.1 (12) | Warren | 43 | 24.1 (82) | 32.9 (31) | Washington | 34 | 37.6 (40) | 31.1 (41) | Woodbury | 109 | 23.9 (83) | 30.2 (56) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dallas | | 34 | 18.4 (96) | 27.2 (71) | Polk | 346 | 21.1 (89) | 32.3 (35) | Pottawattamie | 88 | 22.9 (86) | 27.1 (73) | Scott | 141 | 20.2 (92) | 28.9 (62) | Story | 86 | 23.5 (84) | 39.1 (12) | Warren | 43 | 24.1 (82) | 32.9 (31) | Washington | 34 | 37.6 (40) | 31.1 (41) | Woodbury | 109 | 23.9 (83) | 30.2 (56) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dubuque | | 92 | 23.5 (84) | 27.1 (73) | Pottawattamie | 88 | 22.9 (86) | 27.1 (73) | Scott | 141 | 20.2 (92) | 28.9 (62) | Story | 86 | 23.5 (84) | 39.1 (12) | Warren | 43 | 24.1 (82) | 32.9 (31) | Washington | 34 | 37.6 (40) | 31.1 (41) | Woodbury | 109 | 23.9 (83) | 30.2 (56) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grundy | | 27 | 49.8 (13) | 38.9 (14) | Scott | 141 | 20.2 (92) | 28.9 (62) | Story | 86 | 23.5 (84) | 39.1 (12) | Warren | 43 | 24.1 (82) | 32.9 (31) | Washington | 34 | 37.6 (40) | 31.1 (41) | Woodbury | 109 | 23.9 (83) | 30.2 (56) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Guthrie | | 29 | 57.6 (07) | 43.5 (05) | Story | 86 | 23.5 (84) | 39.1 (12) | Warren | 43 | 24.1 (82) | 32.9 (31) | Washington | 34 | 37.6 (40) | 31.1 (41) | Woodbury | 109 | 23.9 (83) | 30.2 (56) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harrison | | 35 | 50.7 (11) | 45.4 (03) | Warren | 43 | 24.1 (82) | 32.9 (31) | Washington | 34 | 37.6 (40) | 31.1 (41) | Woodbury | 109 | 23.9 (83) | 30.2 (56) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Johnson | | 59 | 11.9 (99) | 26.1 (76) | Washington | 34 | 37.6 (40) | 31.1 (41) | Woodbury | 109 | 23.9 (83) | 30.2 (56) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jones | | 26 | 27.0 (75) | 30.8 (48) | Woodbury | 109 | 23.9 (83) | 30.2 (56) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Total | 3,664 | 28.4 | 30.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

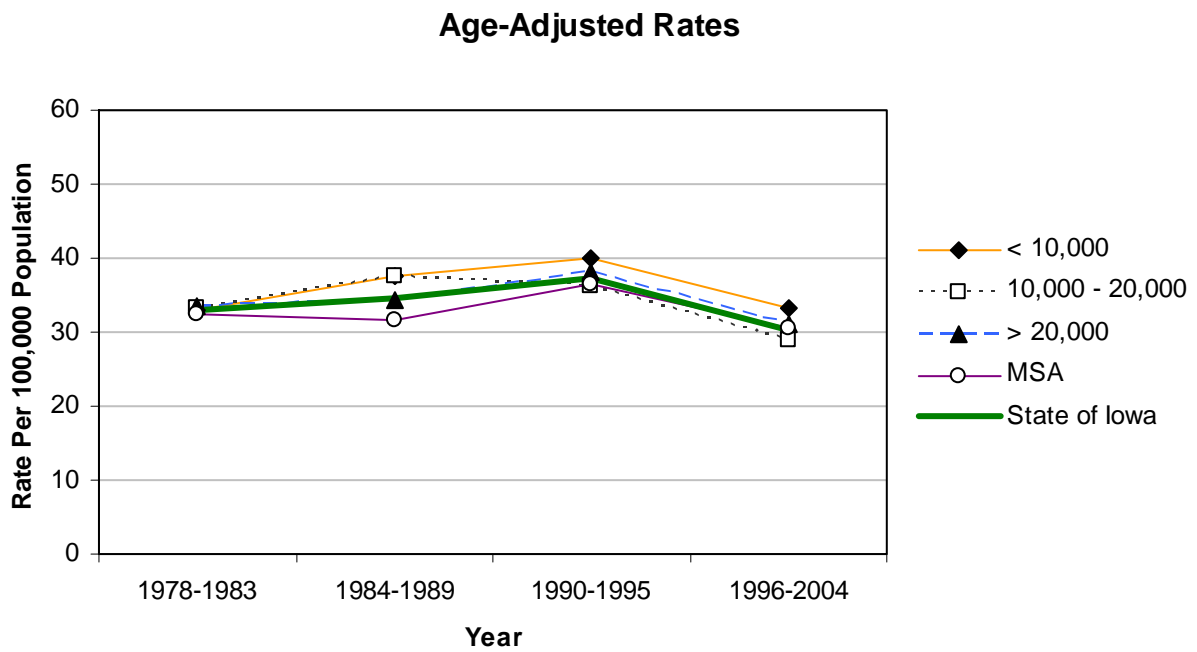
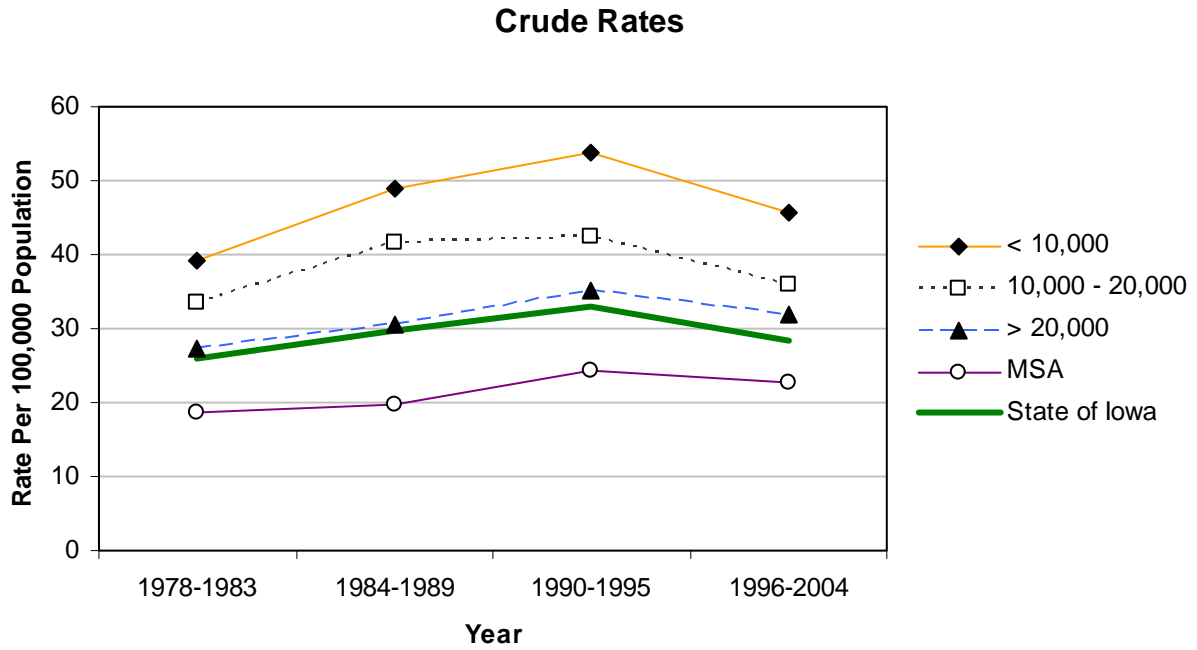
¹Rates per 100,000 population

²Adjusted to year 2000 population

³Rank among 99 counties

Source: State Health Registry of Iowa via NCI's SEER*Stat Program

Prostate Cancer Mortality by County Group 1978-2004



Lung Cancer Incidence 1996-2004

| | Average Population < 10,000 | | | | Average Population 10,000 - 20,000 | | | | Average Population > 20,000 | | | | MSA Counties | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------------|-----|--|---|------------------------------------|-----|--|---|-----------------------------|-----|--|---|--------------|-----|--|---|-----------|-----|-----------|-----------|--------------|--------|------------|-----------|----------|-----|-----------|-----------|------------|-----|------------|-----------|-----------|-----|-----------|-----------|----------|-----|-----------|-----------|------------|-----|------------|-----------|---------|-------|-----------|-----------|---------|-----|------------|-----------|-----------|-----|-----------|-----------|--------|-------|-----------|-----------|---------------|-----|-----------|-----------|-----------|-------|-----------|-----------|----------|-----|-----------|-----------|-----------|-----|-----------|-----------|------------|-----|------------|-----------|--------------|-------|-----------|-----------|--------------|--------|-----------|-----------|--------------|-------|------|------|
| | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Counties with Average Population < 10,000 | Adair | 69 | 93.9 (23) | 64.6 (43) | Monona | 107 | 74.1 (68) | 55.0 (76) | Monroe | 78 | 119.7 (01) | 72.4 (20) | Osceola | 40 | 108.6 (03) | 80.2 (06) | Palo Alto | 98 | 63.7 (86) | 48.3 (92) | Pocahontas | 75 | 108.4 (04) | 70.8 (29) | Ringgold | 42 | 97.0 (16) | 62.0 (52) | Taylor | 52 | 86.3 (34) | 51.7 (84) | Van Buren | 60 | 83.7 (44) | 57.8 (66) | Wayne | 71 | 86.0 (36) | 60.9 (56) | Worth | 61 | 117.0 (02) | 73.4 (18) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Adams | 42 | 105.0 (07) | 69.6 (32) | Hardin | 137 | 81.5 (50) | 56.6 (71) | Humboldt | 94 | 101.3 (12) | 67.0 (37) | Iowa | 101 | 71.6 (71) | 58.0 (65) | Jefferson | 92 | 62.9 (91) | 56.1 (72) | Keokuk | 96 | 93.7 (24) | 71.0 (28) | Kossuth | 131 | 85.6 (39) | 58.9 (64) | Louisa | 72 | 65.9 (82) | 60.8 (57) | Lyon | 57 | 53.8 (95) | 39.8 (98) | Mitchell | 81 | 82.7 (47) | 55.4 (73) | Montgomery | 107 | 102.1 (11) | 74.6 (14) | O'Brien | 112 | 82.7 (47) | 56.7 (70) | Page | 158 | 103.9 (09) | 75.1 (12) | Poweshiek | 116 | 68.2 (79) | 53.7 (79) | Sac | 98 | 95.2 (17) | 64.1 (45) | Shelby | 78 | 66.3 (81) | 46.6 (94) | Tama | 133 | 82.2 (49) | 62.0 (52) | Union | 109 | 99.0 (14) | 74.1 (16) | Winnebago | 61 | 58.3 (94) | 45.5 (95) | Wright | 118 | 92.2 (25) | 63.2 (49) | Total | 1,258 | 88.0 | 60.8 | Total | 3,985 | 81.2 | 59.6 | | | | |
| | Allamakee | 93 | 71.0 (74) | 50.8 (89) | Boone | 202 | 85.9 (37) | 71.6 (24) | Buchanan | 150 | 79.3 (54) | 72.2 (22) | Buena Vista | 117 | 63.9 (85) | 52.2 (82) | Carroll | 165 | 85.7 (38) | 66.1 (40) | Cerro Gordo | 391 | 94.2 (22) | 72.4 (20) | Clinton | 398 | 88.1 (32) | 72.9 (19) | Des Moines | 389 | 102.8 (10) | 82.9 (03) | Fayette | 163 | 82.9 (46) | 59.9 (60) | Henry | 136 | 74.8 (63) | 67.1 (36) | Jackson | 155 | 85.1 (42) | 67.0 (37) | Jasper | 290 | 87.0 (33) | 71.2 (27) | Lee | 367 | 107.9 (05) | 86.4 (01) | Mahaska | 189 | 94.5 (19) | 80.3 (05) | Marion | 205 | 71.0 (74) | 61.8 (54) | Marshall | 325 | 92.0 (26) | 73.6 (17) | Muscatine | 279 | 74.2 (67) | 72.2 (22) | Plymouth | 138 | 61.9 (92) | 52.4 (80) | Sioux | 109 | 38.2 (99) | 34.2 (99) | Wapello | 339 | 104.7 (08) | 81.5 (04) | Webster | 337 | 94.3 (20) | 76.0 (11) | Winneshiek | 97 | 50.8 (96) | 43.4 (97) | Total | 4,941 | 84.1 | 69.5 |
| | Chickasaw | 107 | 91.2 (29) | 70.7 (30) | Benton | 166 | 72.5 (70) | 64.4 (44) | Black Hawk | 852 | 74.5 (64) | 70.0 (31) | Bremer | 133 | 63.3 (87) | 51.0 (87) | Dallas | 237 | 63.3 (87) | 71.3 (26) | Dubuque | 647 | 80.3 (52) | 71.5 (25) | Grundy | 78 | 70.3 (76) | 50.4 (91) | Guthrie | 94 | 91.9 (27) | 63.5 (48) | Harrison | 140 | 99.7 (13) | 78.1 (07) | Johnson | 394 | 39.5 (98) | 61.4 (55) | Jones | 149 | 81.3 (51) | 69.1 (33) | Linn | 1,315 | 76.5 (59) | 77.8 (08) | Madison | 95 | 74.9 (62) | 67.3 (35) | Mills | 84 | 64.4 (84) | 62.2 (51) | Polk | 2,347 | 69.5 (78) | 76.6 (10) | Pottawattamie | 706 | 89.8 (30) | 83.7 (02) | Scott | 1,061 | 74.4 (65) | 77.0 (09) | Story | 283 | 39.7 (97) | 51.8 (83) | Warren | 232 | 63.2 (89) | 65.0 (42) | Washington | 115 | 61.4 (93) | 47.5 (93) | Woodbury | 717 | 76.9 (58) | 75.1 (12) | Total | 20,029 | 76.2 | 67.7 | Total | 9,845 | 70.0 | 72.0 |
| | Clay | 121 | 77.6 (56) | 60.2 (58) | Franklin | 73 | 75.2 (61) | 51.7 (84) | Greene | 79 | 85.5 (40) | 59.5 (63) | Hamilton | 130 | 88.4 (31) | 66.8 (39) | Hancock | 79 | 73.2 (69) | 57.3 (69) | Total | 20,029 | 76.2 | 67.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

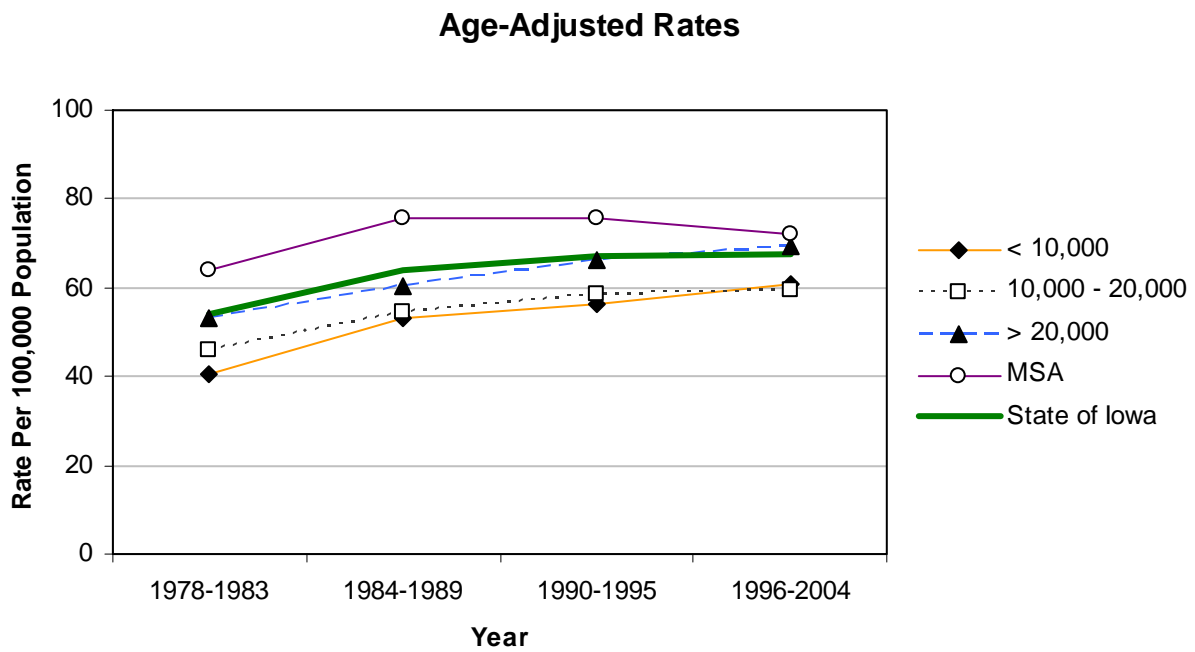
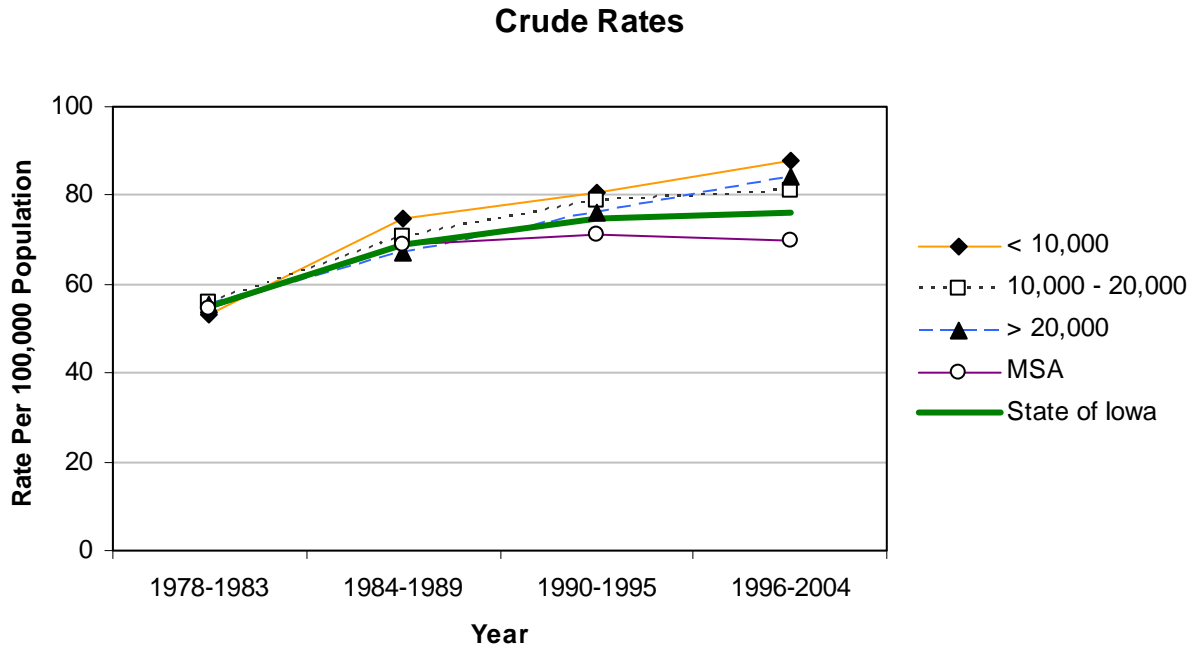
¹Rates per 100,000 population

²Adjusted to year 2000 population

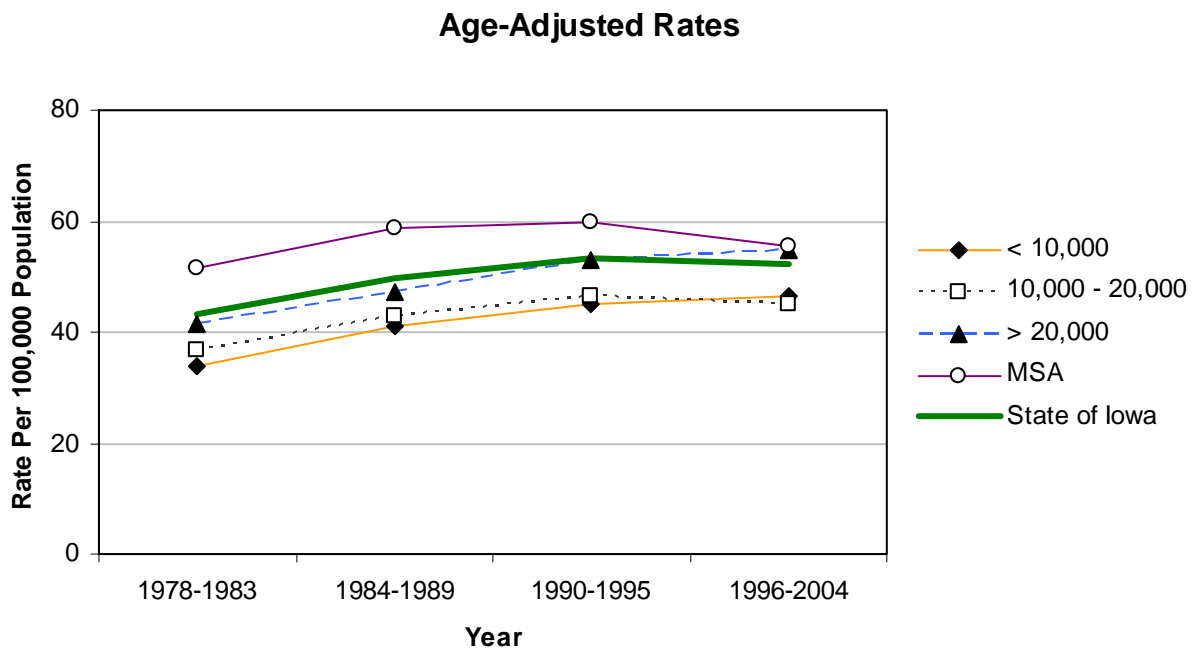
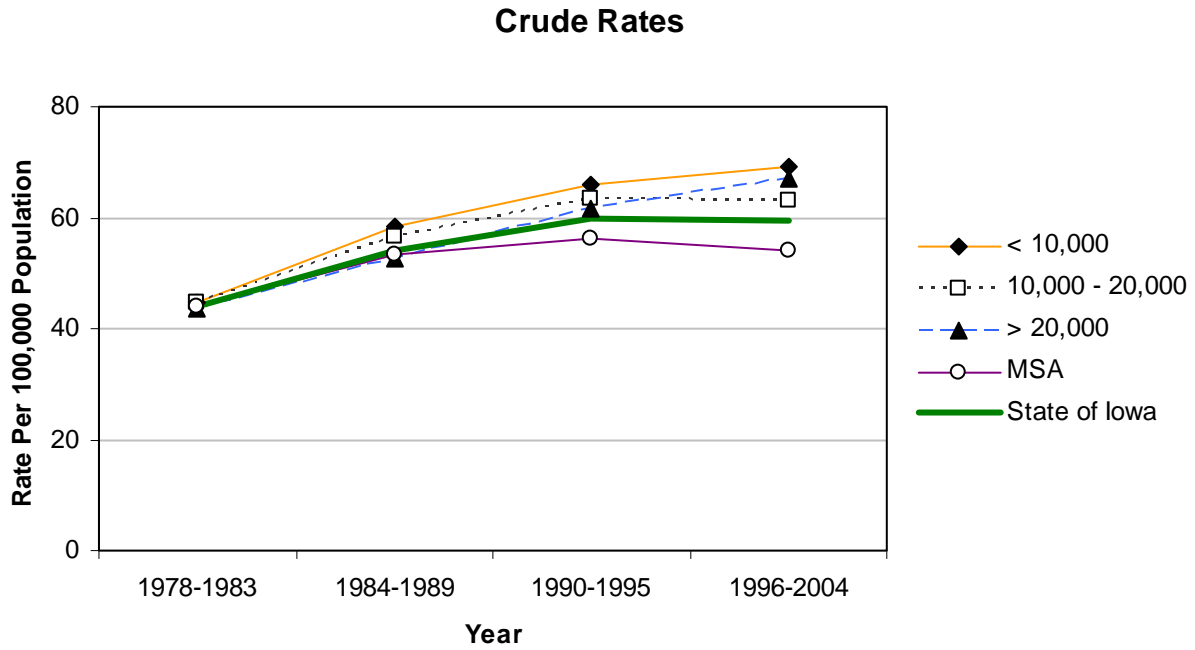
³Rank among 99 counties

Source: State Health Registry of Iowa via NCI's SEER*Stat Program

Lung Cancer Incidence by County Group 1978-2004



Lung Cancer Mortality by County Group 1978-2004



Female Breast Cancer Incidence 1996-2004

| | Counties with Average Population < 10,000 | | | | Counties with Average Population 10,000 – 20,000 | | | | Counties with Average Population > 20,000 | | | | MSA Counties | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--------|--|---|--|-------|--|---|---|-----|--|---|--------------|-----|--|---|-----------|-----|------------|------------|------------|-----|------------|------------|----------|-----|------------|------------|---------|-------|------------|------------|-----------|-----|------------|------------|---------------|-----|------------|------------|------------|-----|------------|------------|---------|-------|------------|------------|---------|-----|------------|------------|-----------|-----|------------|------------|----------|-----|------------|------------|----------|-----|------------|------------|---------|-----|------------|------------|------------|-----|------------|------------|-----------|-----|------------|------------|-------------|-----|------------|------------|--------------|-------|------------|------------|--------------|-------|------------|------------|---------|-----|------------|------------|------------|-----|------------|------------|---------|-----|------------|------------|-------|-----|------------|------------|---------|-----|------------|------------|--------|-----|------------|------------|-----|-----|------------|------------|---------|-----|------------|------------|--------|-----|------------|------------|----------|-----|------------|------------|-----------|-----|------------|------------|----------|-----|------------|------------|-------|-----|------------|------------|---------|-----|------------|------------|---------|-----|------------|------------|-----------|-----|------------|------------|--------------|-------|-------|-------|
| | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Counties with Average Population < 10,000 | Adair | 59 | 157.2 (55) | 105.6 (93) | Monona | 79 | 171.4 (36) | 110.8 (87) | Monroe | 63 | 171.4 (36) | 129.4 (39) | Osceola | 68 | 211.5 (06) | 157.1 (03) | Palo Alto | 81 | 175.2 (30) | 129.8 (38) | Pocahontas | 69 | 174.9 (31) | 107.0 (92) | Ringgold | 56 | 222.9 (03) | 147.3 (09) | Taylor | 72 | 224.2 (02) | 153.0 (04) | Van Buren | 57 | 162.5 (50) | 122.3 (63) | Wayne | 66 | 207.9 (09) | 131.6 (30) | Worth | 55 | 153.8 (62) | 108.9 (90) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Adams | 43 | 212.0 (05) | 146.4 (10) | Hardin | 157 | 183.1 (20) | 127.6 (48) | Humboldt | 89 | 187.9 (17) | 137.3 (18) | Iowa | 101 | 139.7 (82) | 108.7 (91) | Jefferson | 84 | 112.6 (97) | 90.3 (99) | Keokuk | 85 | 161.2 (54) | 123.8 (60) | Kossuth | 122 | 156.1 (58) | 112.6 (84) | Louisa | 65 | 118.3 (95) | 113.2 (82) | Lyon | 109 | 204.0 (10) | 161.3 (02) | Mitchell | 90 | 179.8 (25) | 134.5 (26) | Montgomery | 105 | 190.5 (15) | 130.7 (33) | O'Brien | 131 | 189.1 (16) | 123.9 (59) | Page | 135 | 180.5 (22) | 124.5 (57) | Poweshiek | 163 | 184.7 (19) | 142.7 (13) | Sac | 102 | 194.1 (14) | 125.9 (54) | Shelby | 100 | 166.5 (43) | 124.6 (56) | Tama | 139 | 168.7 (41) | 121.9 (66) | Union | 96 | 167.1 (42) | 122.5 (62) | Winnebago | 79 | 147.2 (74) | 104.9 (94) | Wright | 136 | 208.1 (08) | 149.5 (08) | Total | 1,305 | 178.5 | 126.9 | Total | 4,176 | 158.0 | 128.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Butler | 120 | 172.2 (35) | 119.8 (70) | Calhoun | 97 | 194.5 (13) | 128.6 (44) | Cass | 150 | 221.5 (04) | 143.4 (12) | Cedar | 134 | 162.1 (52) | 130.7 (33) | Cherokee | 107 | 180.5 (22) | 124.3 (58) | Chickasaw | 78 | 132.9 (88) | 104.5 (95) | Clay | 138 | 171.4 (36) | 129.1 (40) | Clayton | 139 | 163.9 (46) | 127.7 (47) | Crawford | 110 | 144.6 (76) | 119.8 (70) | Delaware | 94 | 113.0 (96) | 101.4 (97) | Dickinson | 127 | 168.9 (40) | 120.2 (69) | Emmet | 92 | 181.1 (21) | 136.4 (20) | Floyd | 127 | 162.3 (51) | 117.7 (74) | Franklin | 89 | 180.4 (24) | 123.7 (61) | Greene | 82 | 173.2 (33) | 129.1 (40) | Hamilton | 114 | 153.3 (64) | 112.4 (85) | Hancock | 93 | 169.5 (39) | 130.3 (35) | Boone | 185 | 153.8 (62) | 126.3 (52) | Buchanan | 145 | 152.2 (66) | 125.9 (54) | Buena Vista | 152 | 166.2 (44) | 134.6 (25) | Carroll | 162 | 164.0 (45) | 127.0 (49) | Cerro Gordo | 381 | 176.5 (26) | 137.5 (17) | Clinton | 379 | 163.1 (48) | 133.1 (27) | Des Moines | 345 | 176.3 (27) | 139.2 (16) | Fayette | 154 | 154.5 (61) | 109.9 (88) | Henry | 128 | 143.0 (77) | 120.6 (68) | Jackson | 143 | 154.7 (60) | 122.0 (65) | Jasper | 270 | 162.6 (49) | 128.4 (45) | Lee | 254 | 147.7 (73) | 113.6 (80) | Mahaska | 143 | 142.2 (79) | 117.2 (76) | Marion | 193 | 132.7 (89) | 113.1 (83) | Marshall | 308 | 172.4 (34) | 135.6 (24) | Muscatine | 285 | 150.3 (68) | 136.4 (20) | Plymouth | 176 | 157.0 (56) | 131.8 (29) | Sioux | 188 | 129.4 (91) | 119.1 (72) | Wapello | 293 | 176.2 (28) | 136.5 (19) | Webster | 293 | 163.2 (47) | 127.0 (49) | Winnesiek | 138 | 142.4 (78) | 131.2 (32) | Total | 4,715 | 156.2 | 127.9 |
| | Benton | 144 | 125.3 (92) | 109.8 (89) | Linn | 1,211 | 138.0 (85) | 131.3 (31) | Black Hawk | 834 | 140.2 (81) | 128.0 (46) | Madison | 95 | 148.0 (72) | 126.7 (51) | Bremer | 203 | 187.0 (18) | 152.2 (05) | Mills | 114 | 175.3 (29) | 152.1 (06) | Dallas | 254 | 134.0 (87) | 136.1 (23) | Polk | 2,277 | 130.8 (90) | 130.2 (36) | Dubuque | 572 | 138.4 (84) | 121.8 (67) | Pottawattamie | 599 | 148.8 (70) | 132.1 (28) | Grundy | 113 | 199.0 (12) | 141.2 (15) | Scott | 1,080 | 148.2 (71) | 141.7 (14) | Guthrie | 81 | 156.1 (58) | 112.4 (85) | Story | 391 | 112.6 (97) | 129.9 (37) | Harrison | 105 | 146.8 (75) | 119.0 (73) | Warren | 231 | 122.8 (93) | 117.7 (74) | Johnson | 556 | 110.6 (99) | 145.8 (11) | Washington | 137 | 141.4 (80) | 113.4 (81) | Jones | 136 | 156.3 (57) | 126.3 (52) | Woodbury | 665 | 139.7 (82) | 128.8 (43) | Total | 9,798 | 136.5 | 131.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | State Total | 19,994 | 149.3 | 128.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

¹Rates per 100,000 population

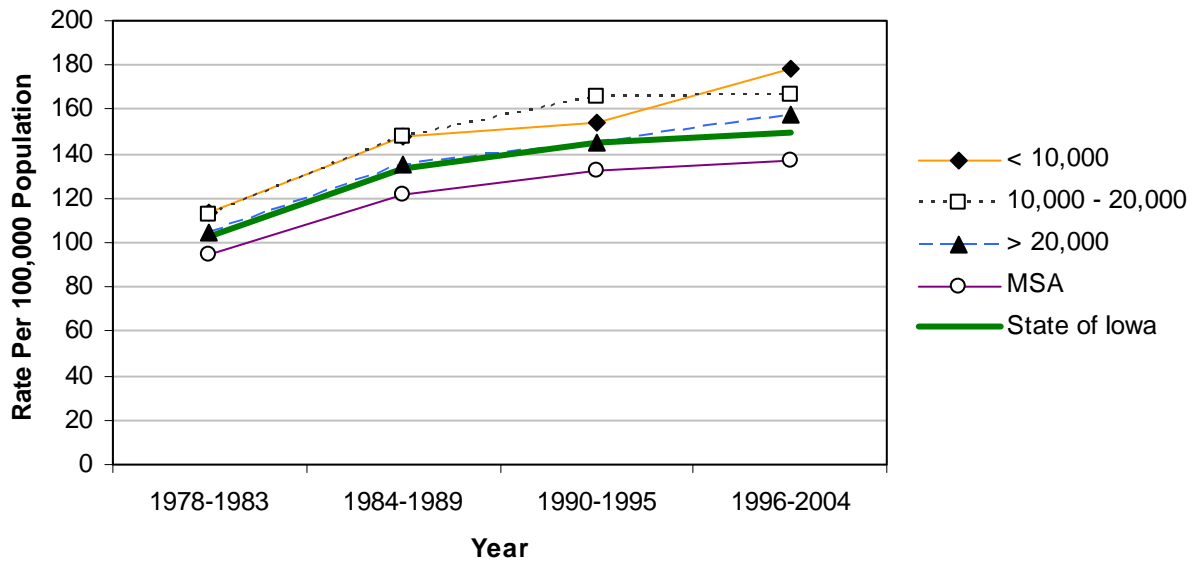
²Adjusted to year 2000 population

³Rank among 99 counties

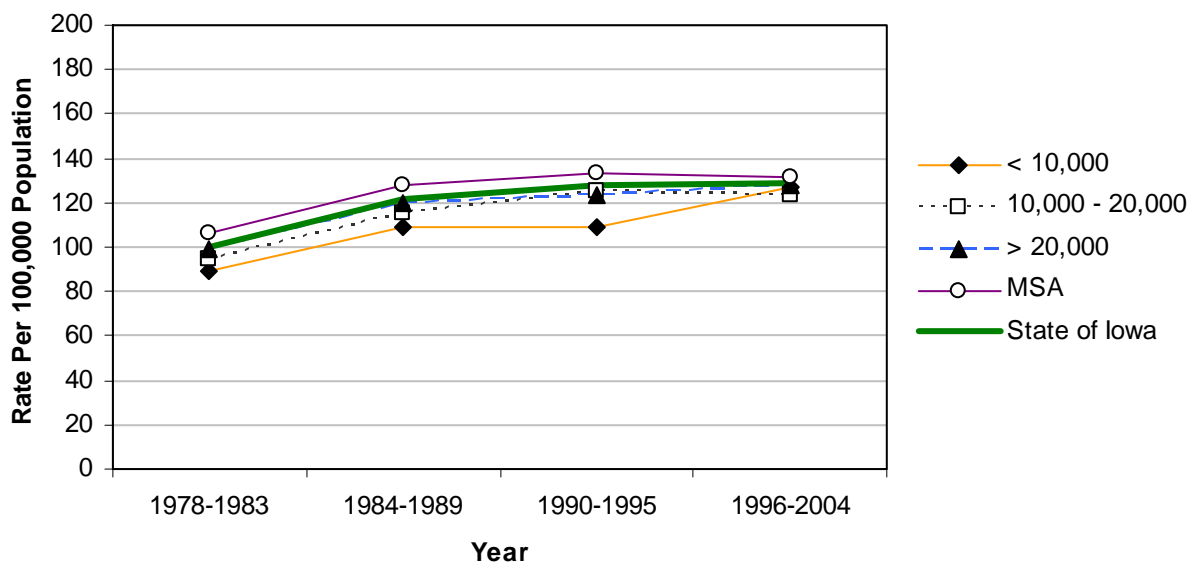
Source: State Health Registry of Iowa via NCI's SEER*Stat Program

Female Breast Cancer Incidence by County Group 1978-2004

Crude Rates



Age-Adjusted Rates



Female Breast Cancer Mortality 1996-2004

| | Average Population < 10,000 | | | | Average Population 10,000 - 20,000 | | | | Average Population > 20,000 | | | | MSA Counties | | | |
|---|--|-----------|--|---|------------------------------------|--------|--|---|-----------------------------|--------|--|---|---------------|------------|--|---|
| | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) |
| Counties with Average Population < 10,000 | Adair | 15 | 40.0 (37) | 21.5 (75) | Monona | 19 | 41.2 (30) | 20.9 (80) | Lee | 63 | 36.6 (50) | 26.7 (42) | Linn | 205 | 23.4 (93) | 21.1 (78) |
| | Adams | 9 | 44.4 (19) | 27.2 (36) | Monroe | 14 | 38.1 (43) | 25.4 (48) | Mahaska | 43 | 42.8 (25) | 31.1 (15) | Madison | 28 | 43.6 (21) | 33.5 (10) |
| | Audubon | 11 | 34.9 (56) | 21.9 (72) | Osceola | 13 | 40.4 (34) | 27.6 (33) | Marion | 51 | 35.1 (55) | 27.7 (32) | Mills | 28 | 43.1 (23) | 38.1 (03) |
| | Clarke | 17 | 41.1 (32) | 31.0 (16) | Palo Alto | 25 | 54.1 (10) | 30.3 (19) | Marshall | 61 | 34.2 (59) | 25.2 (51) | Polk | 480 | 27.6 (83) | 26.6 (44) |
| | Davis | 4 | 10.3 (99) | 7.3 (99) | Pocahontas | 12 | 30.4 (72) | 19.3 (85) | Muscatine | 62 | 32.7 (64) | 28.0 (30) | Pottawattamie | 121 | 30.1 (74) | 25.8 (46) |
| | Decatur | 17 | 43.0 (24) | 32.1 (13) | Ringgold | 9 | 35.8 (53) | 14.4 (96) | Plymouth | 39 | 34.8 (57) | 27.1 (37) | Scott | 212 | 29.1 (78) | 26.7 (42) |
| | Fremont | 24 | 65.7 (02) | 43.7 (01) | Taylor | 19 | 59.2 (04) | 36.9 (05) | Sioux | 36 | 24.8 (91) | 18.7 (87) | Story | 76 | 21.9 (94) | 23.1 (66) |
| | Howard | 30 | 66.4 (01) | 43.4 (02) | Van Buren | 19 | 54.2 (09) | 38.1 (03) | Wapello | 63 | 37.9 (44) | 28.7 (26) | Storry | 76 | 21.9 (94) | 23.1 (66) |
| | Ida | 20 | 55.6 (06) | 34.9 (07) | Wayne | 14 | 44.1 (20) | 21.9 (72) | Webster | 65 | 36.2 (51) | 25.0 (54) | Warren | 59 | 31.4 (69) | 28.9 (25) |
| | Lucas | 12 | 27.4 (84) | 16.6 (93) | Worth | 10 | 28.0 (81) | 20.7 (82) | Winneshiek | 25 | 25.8 (87) | 18.2 (89) | Washington | 29 | 29.9 (75) | 21.0 (79) |
| | | | | | Total | 313 | 42.8 | 27.0 | Total | 1,025 | 34.4 | 25.5 | Woodbury | 134 | 28.1 (80) | 23.2 (65) |
| | | | | | | | | | | | | | Total | 1,967 | 27.4 | 24.8 |
| | Counties with Average Population 10,000 - 20,000 | Allamakee | 22 | 33.6 (61) | 20.9 (80) | Hardin | 47 | 54.8 (07) | 32.5 (11) | Benton | 24 | 20.9 (96) | 15.4 (94) | Black Hawk | 165 | 27.7 (82) |
| Appanoose | | 22 | 34.4 (58) | 24.4 (61) | Humboldt | 19 | 40.1 (35) | 22.7 (68) | Buchanan | 39 | 40.9 (33) | 30.9 (17) | Bremer | 40 | 36.8 (48) | 25.3 (50) |
| Butler | | 32 | 45.9 (14) | 25.2 (51) | Iowa | 30 | 41.5 (29) | 29.8 (20) | Buena Vista | 30 | 32.8 (63) | 25.5 (47) | Dallas | 63 | 33.2 (62) | 32.3 (12) |
| Calhoun | | 16 | 32.1 (67) | 12.8 (97) | Jefferson | 27 | 36.2 (51) | 28.3 (29) | Carroll | 42 | 42.5 (26) | 28.4 (28) | Dubuque | 112 | 27.1 (86) | 21.5 (75) |
| Cass | | 22 | 32.5 (65) | 18.4 (88) | Keokuk | 9 | 17.1 (98) | 11.2 (98) | Cerro Gordo | 77 | 35.7 (54) | 26.3 (45) | Grundy | 32 | 56.4 (05) | 33.6 (09) |
| Cedar | | 33 | 39.9 (38) | 27.3 (34) | Kossuth | 30 | 38.4 (42) | 24.8 (56) | Clinton | 86 | 37.0 (47) | 27.9 (31) | Guthrie | 15 | 28.9 (79) | 18.2 (89) |
| Cherokee | | 27 | 45.5 (15) | 27.3 (34) | Louisa | 14 | 25.5 (88) | 19.9 (84) | Des Moines | 58 | 29.6 (76) | 22.0 (71) | Harrison | 21 | 29.4 (77) | 21.8 (74) |
| Chickasaw | | 16 | 27.3 (85) | 21.2 (77) | Lyon | 26 | 48.7 (13) | 35.6 (06) | Fayette | 37 | 37.1 (46) | 24.4 (61) | Johnson | 95 | 18.9 (97) | 24.6 (59) |
| Clay | | 36 | 44.7 (17) | 29.5 (23) | Mitchell | 16 | 32.0 (68) | 22.1 (70) | Henry | 27 | 30.2 (73) | 24.3 (63) | Jones | 28 | 32.2 (66) | 22.5 (69) |
| Clayton | | 34 | 40.1 (35) | 29.1 (24) | Montgomery | 22 | 39.9 (38) | 24.8 (56) | Jackson | 23 | 24.9 (90) | 18.0 (91) | | | | |
| Crawford | | 16 | 21.0 (95) | 15.0 (95) | O'Brien | 30 | 43.3 (22) | 28.6 (27) | Jasper | 61 | 36.7 (49) | 27.0 (39) | | | | |
| Delaware | | 26 | 31.3 (70) | 25.0 (54) | Page | 34 | 45.5 (15) | 24.6 (59) | | | | | | | | |
| Dickinson | | 31 | 41.2 (30) | 25.2 (51) | Poweshiek | 33 | 37.4 (45) | 26.8 (41) | | | | | | | | |
| Emmet | | 31 | 61.0 (03) | 34.4 (08) | Sac | 28 | 53.3 (11) | 31.5 (14) | | | | | | | | |
| Floyd | | 31 | 39.6 (40) | 24.8 (56) | Shelby | 15 | 25.0 (89) | 17.2 (92) | | | | | | | | |
| Franklin | | 27 | 54.7 (08) | 29.8 (20) | Tama | 35 | 42.5 (26) | 30.5 (18) | | | | | | | | |
| Greene | | 16 | 33.8 (60) | 20.5 (83) | Union | 24 | 41.8 (28) | 25.4 (48) | | | | | | | | |
| Hamilton | | 29 | 39.0 (41) | 27.0 (39) | Winnebago | 24 | 44.7 (17) | 27.1 (37) | | | | | | | | |
| Hancock | | 13 | 23.7 (92) | 18.9 (86) | Wright | 33 | 50.5 (12) | 29.6 (22) | | | | | | | | |
| | | | | Total | 976 | 39.0 | 25.3 | | | | | | | | | |

¹Rates per 100,000 population

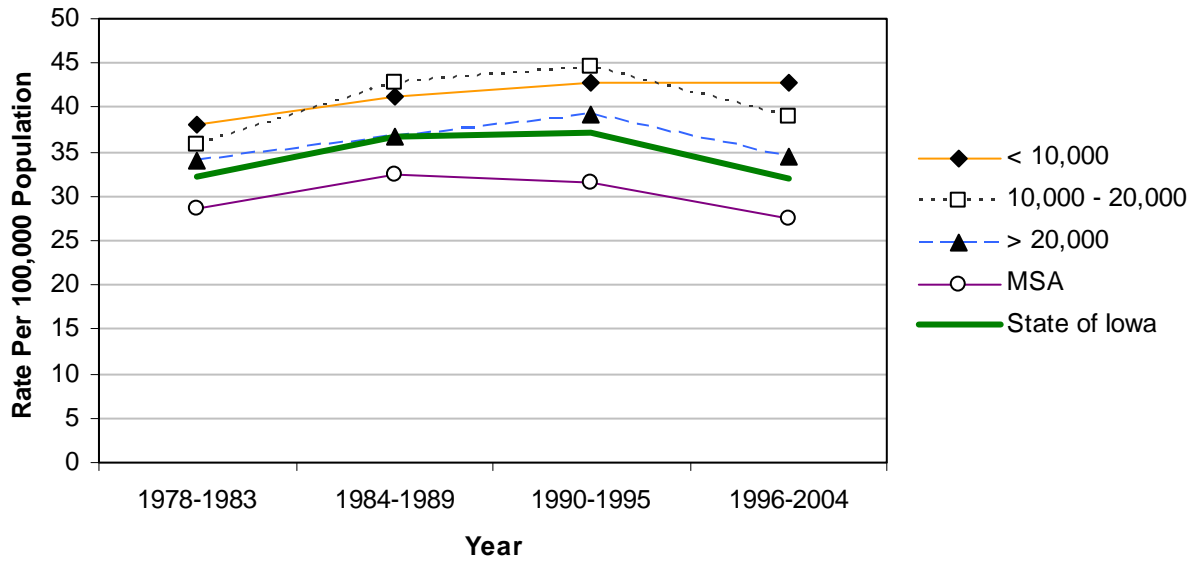
²Adjusted to year 2000 population

³Rank among 99 counties

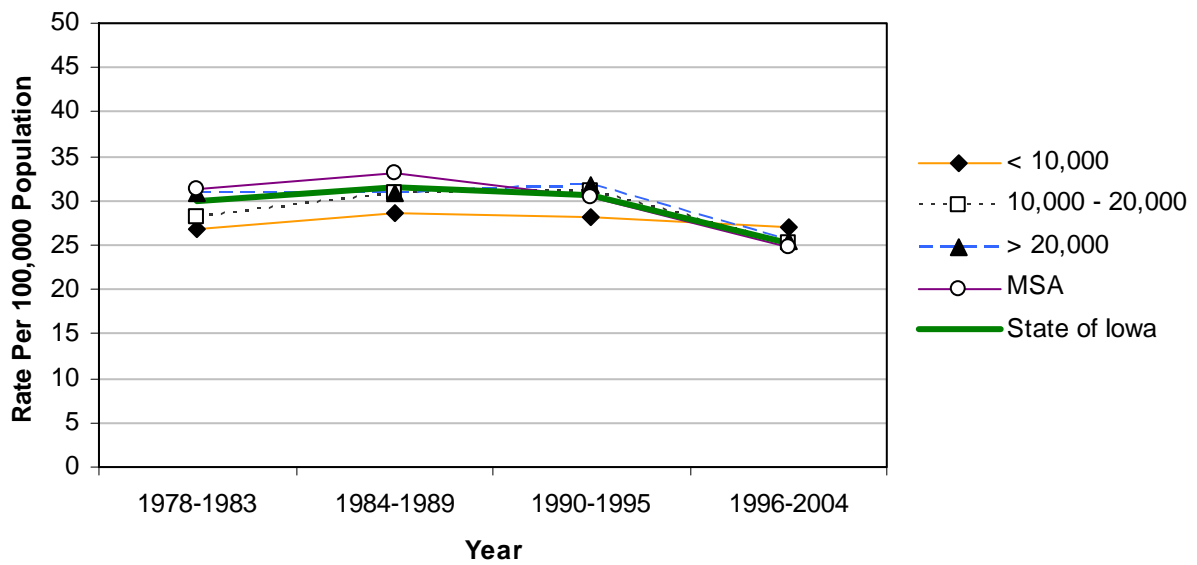
Source: State Health Registry of Iowa via NCI's SEER*Stat Program

Female Breast Cancer Mortality by County Group 1978-2004

Crude Rates

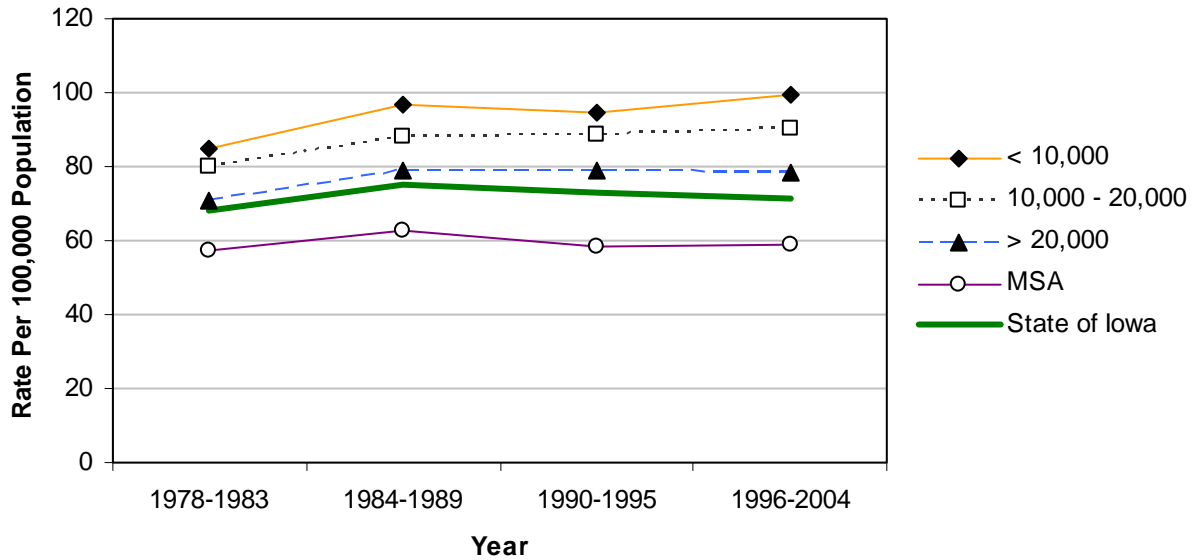


Age-Adjusted Rates

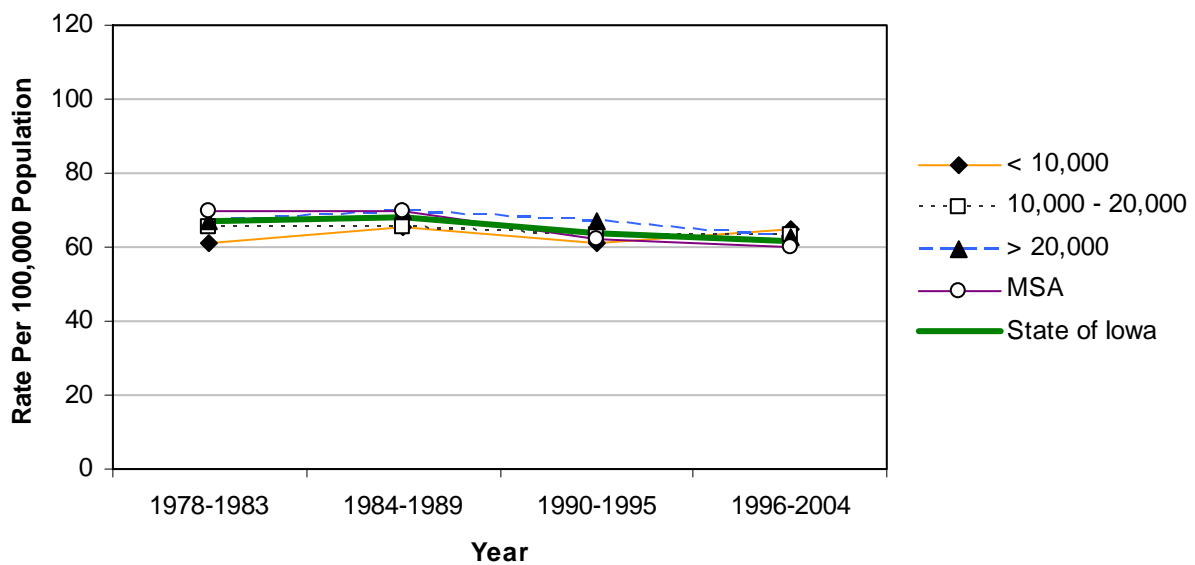


Colorectal Cancer Incidence by County Group 1978-2004

Crude Rates

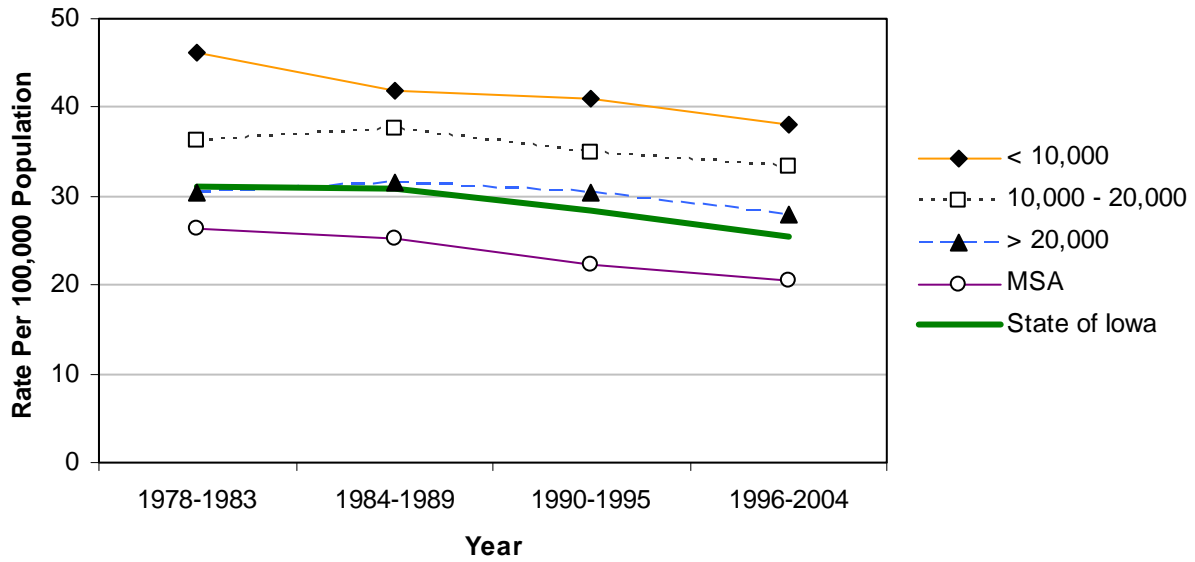


Age-Adjusted Rates

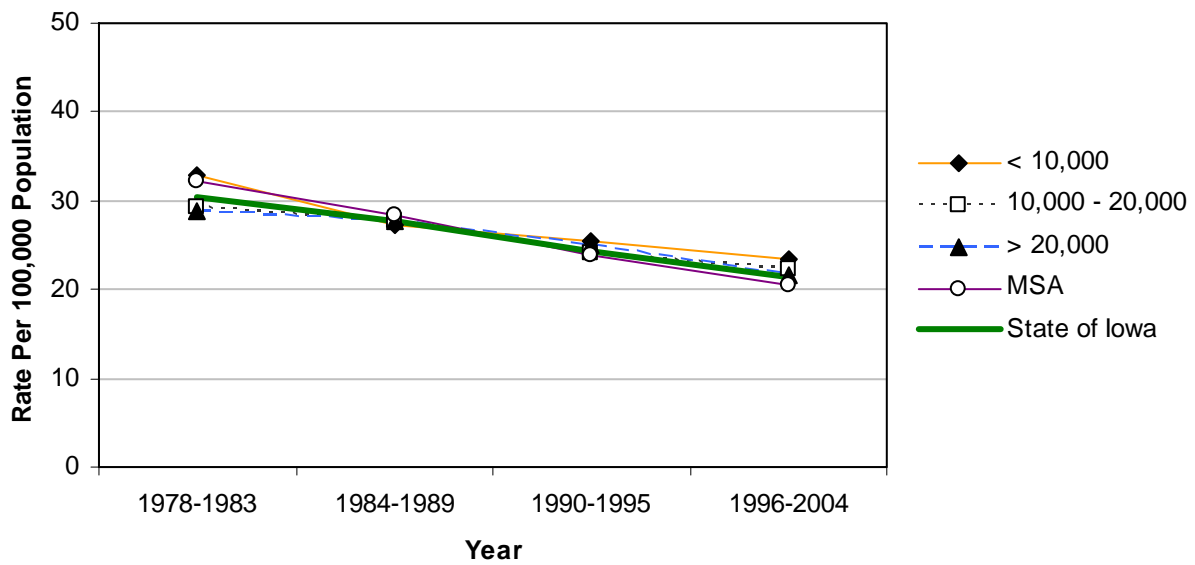


Colorectal Cancer Mortality by County Group 1978-2004

Crude Rates



Age-Adjusted Rates

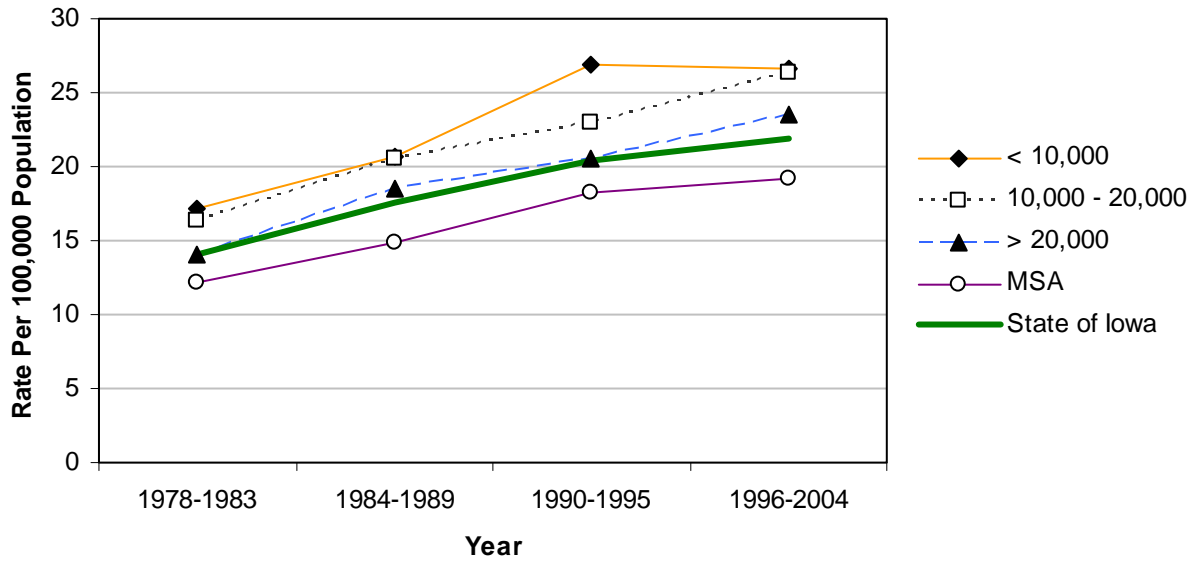


Non-Hodgkin's Lymphoma Incidence 1996-2004

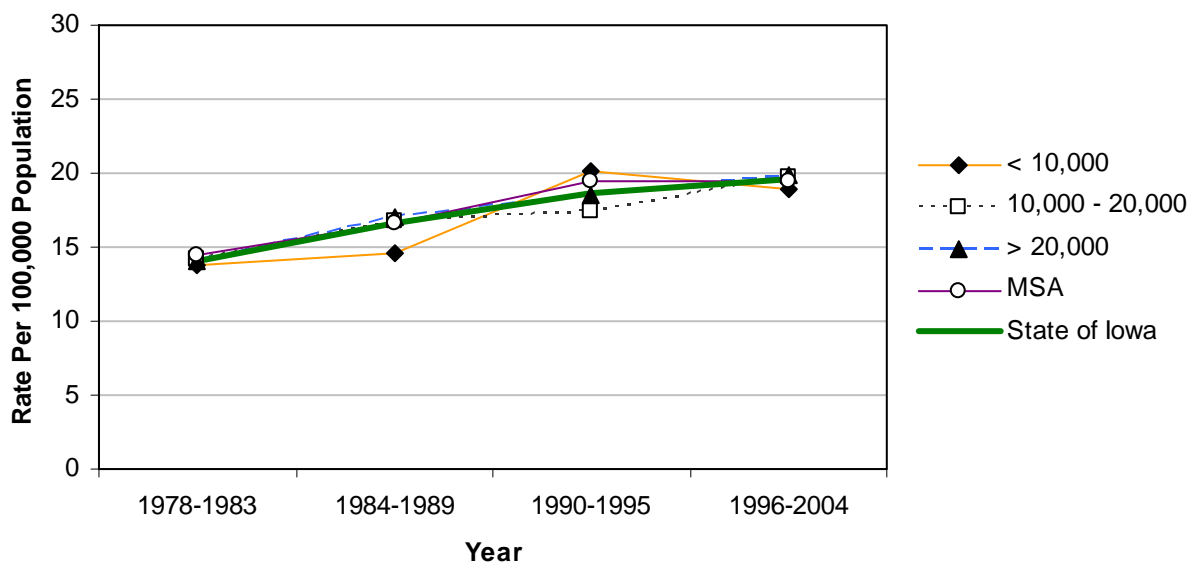
| | Counties with Average Population < 10,000 | | | | Counties with Average Population 10,000 - 20,000 | | | | Counties with Average Population > 20,000 | | | | MSA Counties | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|----|--|---|--|----|--|---|---|----|--|---|--------------|----|--|---|-----------|----|-----------|-----------|------------|----|-----------|-----------|----------|----|-----------|-----------|----------|----|-----------|-----------|-------------|----|-----------|-----------|----------|----|-----------|-----------|-------------|----|-----------|-----------|---------|-----|-----------|-----------|------------|----|-----------|-----------|-----------|----|-----------|-----------|----------|----|-----------|-----------|-----------|----|-----------|-----------|----------|----|-----------|-----------|-------|----|-----------|-----------|-----------|----|-----------|-----------|---------|----|-----------|-----------|------------|----|-----------|-----------|-----------|----|-----------|-----------|----------|----|-----------|-----------|-------|----|-----------|-----------|---------|----|-----------|-----------|---------|----|-----------|-----------|------------|----|-----------|-----------|
| | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Counties with Average Population < 10,000 | Adair | 20 | 27.2 (31) | 22.3 (18) | Monona | 31 | 34.7 (03) | 21.7 (24) | Monroe | 18 | 25.1 (42) | 17.7 (77) | Osceola | 21 | 33.4 (04) | 24.7 (08) | Palo Alto | 23 | 25.4 (41) | 17.4 (79) | Pocahontas | 20 | 25.9 (39) | 18.8 (60) | Ringgold | 15 | 30.8 (12) | 19.4 (49) | Taylor | 13 | 20.9 (76) | 12.7 (97) | Van Buren | 17 | 24.4 (49) | 19.3 (51) | Wayne | 25 | 41.2 (01) | 26.0 (03) | Worth | 14 | 19.8 (80) | 13.3 (95) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Adams | 9 | 22.5 (66) | 13.8 (94) | Hardin | 49 | 29.2 (21) | 20.2 (39) | Humboldt | 20 | 21.6 (69) | 15.9 (88) | Iowa | 35 | 24.8 (47) | 19.9 (42) | Jefferson | 25 | 17.1 (97) | 16.2 (85) | Keokuk | 33 | 32.2 (08) | 23.3 (10) | Kossuth | 51 | 33.3 (05) | 24.8 (07) | Louisa | 21 | 19.2 (85) | 18.0 (72) | Lyon | 29 | 27.4 (30) | 23.0 (15) | Mitchell | 29 | 29.6 (17) | 21.3 (27) | Montgomery | 29 | 27.7 (28) | 19.1 (53) | O'Brien | 45 | 33.2 (06) | 22.0 (20) | Page | 29 | 19.1 (86) | 12.8 (96) | Poweshiek | 38 | 22.3 (68) | 18.7 (61) | Sac | 30 | 29.1 (22) | 19.2 (52) | Shelby | 32 | 27.2 (31) | 18.2 (68) | Tama | 49 | 30.3 (14) | 23.0 (15) | Union | 27 | 24.5 (48) | 17.9 (74) | Winnebago | 31 | 29.6 (17) | 20.8 (32) | Wright | 41 | 32.0 (10) | 23.2 (13) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Audubon | 13 | 21.4 (71) | 14.1 (92) | Chickasaw | 36 | 30.7 (13) | 24.0 (09) | Crawford | 38 | 25.0 (43) | 19.9 (42) | Delaware | 22 | 13.3 (99) | 11.9 (99) | Dickinson | 42 | 28.6 (23) | 20.5 (36) | Emmet | 28 | 28.3 (26) | 21.0 (30) | Floyd | 43 | 28.4 (24) | 20.2 (39) | Franklin | 18 | 18.6 (88) | 12.6 (98) | Greene | 23 | 24.9 (45) | 14.9 (90) | Hamilton | 34 | 23.1 (62) | 17.9 (74) | Hancock | 35 | 32.4 (07) | 25.4 (06) | Lee | 83 | 24.4 (49) | 19.7 (44) | Mahaska | 43 | 21.5 (70) | 17.5 (78) | Marion | 67 | 23.2 (60) | 20.6 (34) | Marshall | 85 | 24.0 (54) | 20.0 (41) | Muscatine | 80 | 21.3 (73) | 20.6 (34) | Plymouth | 58 | 26.0 (37) | 22.2 (19) | Sioux | 61 | 21.4 (71) | 19.7 (44) | Wapello | 92 | 28.4 (24) | 23.3 (10) | Webster | 87 | 24.3 (51) | 20.3 (38) | Winneshiek | 45 | 23.6 (55) | 20.5 (36) | | | | | | | | | | | | | | | | | | | | | | | | |
| | Clarke | 16 | 19.7 (81) | 16.4 (84) | Clay | 43 | 27.6 (29) | 23.2 (13) | Franklin | 18 | 18.6 (88) | 12.6 (98) | Greene | 23 | 24.9 (45) | 14.9 (90) | Hamilton | 34 | 23.1 (62) | 17.9 (74) | Hancock | 35 | 32.4 (07) | 25.4 (06) | Boone | 48 | 20.4 (78) | 17.8 (76) | Buchanan | 34 | 18.0 (93) | 16.5 (82) | Buena Vista | 43 | 23.5 (57) | 19.1 (53) | Carroll | 62 | 32.2 (08) | 26.4 (02) | Cerro Gordo | 94 | 22.6 (65) | 18.3 (67) | Clinton | 104 | 23.0 (63) | 19.1 (53) | Des Moines | 88 | 23.3 (59) | 18.7 (61) | Fayette | 52 | 26.4 (36) | 19.7 (44) | Henry | 44 | 24.2 (53) | 21.6 (26) | Jackson | 43 | 23.6 (55) | 19.6 (47) | Jasper | 70 | 21.0 (74) | 18.0 (72) | Lee | 83 | 24.4 (49) | 19.7 (44) | Mahaska | 43 | 21.5 (70) | 17.5 (78) | Marion | 67 | 23.2 (60) | 20.6 (34) | Marshall | 85 | 24.0 (54) | 20.0 (41) | Muscatine | 80 | 21.3 (73) | 20.6 (34) | Plymouth | 58 | 26.0 (37) | 22.2 (19) | Sioux | 61 | 21.4 (71) | 19.7 (44) | Wapello | 92 | 28.4 (24) | 23.3 (10) | Webster | 87 | 24.3 (51) | 20.3 (38) | Winneshiek | 45 | 23.6 (55) | 20.5 (36) |
| | Davis | 24 | 31.2 (11) | 25.7 (04) | Clayton | 42 | 25.0 (43) | 18.9 (59) | Franklin | 18 | 18.6 (88) | 12.6 (98) | Greene | 23 | 24.9 (45) | 14.9 (90) | Hamilton | 34 | 23.1 (62) | 17.9 (74) | Hancock | 35 | 32.4 (07) | 25.4 (06) | Boone | 48 | 20.4 (78) | 17.8 (76) | Buchanan | 34 | 18.0 (93) | 16.5 (82) | Buena Vista | 43 | 23.5 (57) | 19.1 (53) | Carroll | 62 | 32.2 (08) | 26.4 (02) | Cerro Gordo | 94 | 22.6 (65) | 18.3 (67) | Clinton | 104 | 23.0 (63) | 19.1 (53) | Des Moines | 88 | 23.3 (59) | 18.7 (61) | Fayette | 52 | 26.4 (36) | 19.7 (44) | Henry | 44 | 24.2 (53) | 21.6 (26) | Jackson | 43 | 23.6 (55) | 19.6 (47) | Jasper | 70 | 21.0 (74) | 18.0 (72) | Lee | 83 | 24.4 (49) | 19.7 (44) | Mahaska | 43 | 21.5 (70) | 17.5 (78) | Marion | 67 | 23.2 (60) | 20.6 (34) | Marshall | 85 | 24.0 (54) | 20.0 (41) | Muscatine | 80 | 21.3 (73) | 20.6 (34) | Plymouth | 58 | 26.0 (37) | 22.2 (19) | Sioux | 61 | 21.4 (71) | 19.7 (44) | Wapello | 92 | 28.4 (24) | 23.3 (10) | Webster | 87 | 24.3 (51) | 20.3 (38) | Winneshiek | 45 | 23.6 (55) | 20.5 (36) |
| | Decatur | 27 | 34.9 (02) | 28.1 (01) | Crawford | 38 | 25.0 (43) | 19.9 (42) | Franklin | 18 | 18.6 (88) | 12.6 (98) | Greene | 23 | 24.9 (45) | 14.9 (90) | Hamilton | 34 | 23.1 (62) | 17.9 (74) | Hancock | 35 | 32.4 (07) | 25.4 (06) | Boone | 48 | 20.4 (78) | 17.8 (76) | Buchanan | 34 | 18.0 (93) | 16.5 (82) | Buena Vista | 43 | 23.5 (57) | 19.1 (53) | Carroll | 62 | 32.2 (08) | 26.4 (02) | Cerro Gordo | 94 | 22.6 (65) | 18.3 (67) | Clinton | 104 | 23.0 (63) | 19.1 (53) | Des Moines | 88 | 23.3 (59) | 18.7 (61) | Fayette | 52 | 26.4 (36) | 19.7 (44) | Henry | 44 | 24.2 (53) | 21.6 (26) | Jackson | 43 | 23.6 (55) | 19.6 (47) | Jasper | 70 | 21.0 (74) | 18.0 (72) | Lee | 83 | 24.4 (49) | 19.7 (44) | Mahaska | 43 | 21.5 (70) | 17.5 (78) | Marion | 67 | 23.2 (60) | 20.6 (34) | Marshall | 85 | 24.0 (54) | 20.0 (41) | Muscatine | 80 | 21.3 (73) | 20.6 (34) | Plymouth | 58 | 26.0 (37) | 22.2 (19) | Sioux | 61 | 21.4 (71) | 19.7 (44) | Wapello | 92 | 28.4 (24) | 23.3 (10) | Webster | 87 | 24.3 (51) | 20.3 (38) | Winneshiek | 45 | 23.6 (55) | 20.5 (36) |
| | Fremont | 15 | 21.0 (74) | 16.1 (86) | Delaware | 22 | 13.3 (99) | 11.9 (99) | Franklin | 18 | 18.6 (88) | 12.6 (98) | Greene | 23 | 24.9 (45) | 14.9 (90) | Hamilton | 34 | 23.1 (62) | 17.9 (74) | Hancock | 35 | 32.4 (07) | 25.4 (06) | Boone | 48 | 20.4 (78) | 17.8 (76) | Buchanan | 34 | 18.0 (93) | 16.5 (82) | Buena Vista | 43 | 23.5 (57) | 19.1 (53) | Carroll | 62 | 32.2 (08) | 26.4 (02) | Cerro Gordo | 94 | 22.6 (65) | 18.3 (67) | Clinton | 104 | 23.0 (63) | 19.1 (53) | Des Moines | 88 | 23.3 (59) | 18.7 (61) | Fayette | 52 | 26.4 (36) | 19.7 (44) | Henry | 44 | 24.2 (53) | 21.6 (26) | Jackson | 43 | 23.6 (55) | 19.6 (47) | Jasper | 70 | 21.0 (74) | 18.0 (72) | Lee | 83 | 24.4 (49) | 19.7 (44) | Mahaska | 43 | 21.5 (70) | 17.5 (78) | Marion | 67 | 23.2 (60) | 20.6 (34) | Marshall | 85 | 24.0 (54) | 20.0 (41) | Muscatine | 80 | 21.3 (73) | 20.6 (34) | Plymouth | 58 | 26.0 (37) | 22.2 (19) | Sioux | 61 | 21.4 (71) | 19.7 (44) | Wapello | 92 | 28.4 (24) | 23.3 (10) | Webster | 87 | 24.3 (51) | 20.3 (38) | Winneshiek | 45 | 23.6 (55) | 20.5 (36) |
| | Howard | 20 | 22.4 (67) | 16.5 (82) | Emmet | 28 | 28.3 (26) | 21.0 (30) | Franklin | 18 | 18.6 (88) | 12.6 (98) | Greene | 23 | 24.9 (45) | 14.9 (90) | Hamilton | 34 | 23.1 (62) | 17.9 (74) | Hancock | 35 | 32.4 (07) | 25.4 (06) | Boone | 48 | 20.4 (78) | 17.8 (76) | Buchanan | 34 | 18.0 (93) | 16.5 (82) | Buena Vista | 43 | 23.5 (57) | 19.1 (53) | Carroll | 62 | 32.2 (08) | 26.4 (02) | Cerro Gordo | 94 | 22.6 (65) | 18.3 (67) | Clinton | 104 | 23.0 (63) | 19.1 (53) | Des Moines | 88 | 23.3 (59) | 18.7 (61) | Fayette | 52 | 26.4 (36) | 19.7 (44) | Henry | 44 | 24.2 (53) | 21.6 (26) | Jackson | 43 | 23.6 (55) | 19.6 (47) | Jasper | 70 | 21.0 (74) | 18.0 (72) | Lee | 83 | 24.4 (49) | 19.7 (44) | Mahaska | 43 | 21.5 (70) | 17.5 (78) | Marion | 67 | 23.2 (60) | 20.6 (34) | Marshall | 85 | 24.0 (54) | 20.0 (41) | Muscatine | 80 | 21.3 (73) | 20.6 (34) | Plymouth | 58 | 26.0 (37) | 22.2 (19) | Sioux | 61 | 21.4 (71) | 19.7 (44) | Wapello | 92 | 28.4 (24) | 23.3 (10) | Webster | 87 | 24.3 (51) | 20.3 (38) | Winneshiek | 45 | 23.6 (55) | 20.5 (36) |
| | Ida | 17 | 24.3 (51) | 14.7 (91) | Floyd | 43 | 28.4 (24) | 20.2 (39) | Franklin | 18 | 18.6 (88) | 12.6 (98) | Greene | 23 | 24.9 (45) | 14.9 (90) | Hamilton | 34 | 23.1 (62) | 17.9 (74) | Hancock | 35 | 32.4 (07) | 25.4 (06) | Boone | 48 | 20.4 (78) | 17.8 (76) | Buchanan | 34 | 18.0 (93) | 16.5 (82) | Buena Vista | 43 | 23.5 (57) | 19.1 (53) | Carroll | 62 | 32.2 (08) | 26.4 (02) | Cerro Gordo | 94 | 22.6 (65) | 18.3 (67) | Clinton | 104 | 23.0 (63) | 19.1 (53) | Des Moines | 88 | 23.3 (59) | 18.7 (61) | Fayette | 52 | 26.4 (36) | 19.7 (44) | Henry | 44 | 24.2 (53) | 21.6 (26) | Jackson | 43 | 23.6 (55) | 19.6 (47) | Jasper | 70 | 21.0 (74) | 18.0 (72) | Lee | 83 | 24.4 (49) | 19.7 (44) | Mahaska | 43 | 21.5 (70) | 17.5 (78) | Marion | 67 | 23.2 (60) | 20.6 (34) | Marshall | 85 | 24.0 (54) | 20.0 (41) | Muscatine | 80 | 21.3 (73) | 20.6 (34) | Plymouth | 58 | 26.0 (37) | 22.2 (19) | Sioux | 61 | 21.4 (71) | 19.7 (44) | Wapello | 92 | 28.4 (24) | 23.3 (10) | Webster | 87 | 24.3 (51) | 20.3 (38) | Winneshiek | 45 | 23.6 (55) | 20.5 (36) |
| | Lucas | 22 | 25.9 (39) | 19.0 (58) | Shelby | 32 | 27.2 (31) | 18.2 (68) | Franklin | 18 | 18.6 (88) | 12.6 (98) | Greene | 23 | 24.9 (45) | 14.9 (90) | Hamilton | 34 | 23.1 (62) | 17.9 (74) | Hancock | 35 | 32.4 (07) | 25.4 (06) | Boone | 48 | 20.4 (78) | 17.8 (76) | Buchanan | 34 | 18.0 (93) | 16.5 (82) | Buena Vista | 43 | 23.5 (57) | 19.1 (53) | Carroll | 62 | 32.2 (08) | 26.4 (02) | Cerro Gordo | 94 | 22.6 (65) | 18.3 (67) | Clinton | 104 | 23.0 (63) | 19.1 (53) | Des Moines | 88 | 23.3 (59) | 18.7 (61) | Fayette | 52 | 26.4 (36) | 19.7 (44) | Henry | 44 | 24.2 (53) | 21.6 (26) | Jackson | 43 | 23.6 (55) | 19.6 (47) | Jasper | 70 | 21.0 (74) | 18.0 (72) | Lee | 83 | 24.4 (49) | 19.7 (44) | Mahaska | 43 | 21.5 (70) | 17.5 (78) | Marion | 67 | 23.2 (60) | 20.6 (34) | Marshall | 85 | 24.0 (54) | 20.0 (41) | Muscatine | 80 | 21.3 (73) | 20.6 (34) | Plymouth | 58 | 26.0 (37) | 22.2 (19) | Sioux | 61 | 21.4 (71) | 19.7 (44) | Wapello | 92 | 28.4 (24) | 23.3 (10) | Webster | 87 | 24.3 (51) | 20.3 (38) | Winneshiek | 45 | 23.6 (55) | 20.5 (36) |
| | | | | | Tama | 49 | 30.3 (14) | 23.0 (15) | Franklin | 18 | 18.6 (88) | 12.6 (98) | Greene | 23 | 24.9 (45) | 14.9 (90) | Hamilton | 34 | 23.1 (62) | 17.9 (74) | Hancock | 35 | 32.4 (07) | 25.4 (06) | Boone | 48 | 20.4 (78) | 17.8 (76) | Buchanan | 34 | 18.0 (93) | 16.5 (82) | Buena Vista | 43 | 23.5 (57) | 19.1 (53) | Carroll | 62 | 32.2 (08) | 26.4 (02) | Cerro Gordo | 94 | 22.6 (65) | 18.3 (67) | Clinton | 104 | 23.0 (63) | 19.1 (53) | Des Moines | 88 | 23.3 (59) | 18.7 (61) | Fayette | 52 | 26.4 (36) | 19.7 (44) | Henry | 44 | 24.2 (53) | 21.6 (26) | Jackson | 43 | 23.6 (55) | 19.6 (47) | Jasper | 70 | 21.0 (74) | 18.0 (72) | Lee | 83 | 24.4 (49) | 19.7 (44) | Mahaska | 43 | 21.5 (70) | 17.5 (78) | Marion | 67 | 23.2 (60) | 20.6 (34) | Marshall | 85 | 24.0 (54) | 20.0 (41) | Muscatine | 80 | 21.3 (73) | 20.6 (34) | Plymouth | 58 | 26.0 (37) | 22.2 (19) | Sioux | 61 | 21.4 (71) | 19.7 (44) | Wapello | 92 | 28.4 (24) | 23.3 (10) | Webster | 87 | 24.3 (51) | 20.3 (38) | Winneshiek | 45 | 23.6 (55) | 20.5 (36) |
| | | | | | Union | 27 | 24.5 (48) | 17.9 (74) | Franklin | 18 | 18.6 (88) | 12.6 (98) | Greene | 23 | 24.9 (45) | 14.9 (90) | Hamilton | 34 | 23.1 (62) | 17.9 (74) | Hancock | 35 | 32.4 (07) | 25.4 (06) | Boone | 48 | 20.4 (78) | 17.8 (76) | Buchanan | 34 | 18.0 (93) | 16.5 (82) | Buena Vista | 43 | 23.5 (57) | 19.1 (53) | Carroll | 62 | 32.2 (08) | 26.4 (02) | Cerro Gordo | 94 | 22.6 (65) | 18.3 (67) | Clinton | 104 | 23.0 (63) | 19.1 (53) | Des Moines | 88 | 23.3 (59) | 18.7 (61) | Fayette | 52 | 26.4 (36) | 19.7 (44) | Henry | 44 | 24.2 (53) | 21.6 (26) | Jackson | 43 | 23.6 (55) | 19.6 (47) | Jasper | 70 | 21.0 (74) | 18.0 (72) | Lee | 83 | 24.4 (49) | 19.7 (44) | Mahaska | 43 | 21.5 (70) | 17.5 (78) | Marion | 67 | 23.2 (60) | 20.6 (34) | Marshall | 85 | 24.0 (54) | 20.0 (41) | Muscatine | 80 | 21.3 (73) | 20.6 (34) | Plymouth | 58 | 26.0 (37) | 22.2 (19) | Sioux | 61 | 21.4 (71) | 19.7 (44) | Wapello | 92 | 28.4 (24) | 23.3 (10) | Webster | 87 | 24.3 (51) | 20.3 (38) | Winneshiek | 45 | 23.6 (55) | 20.5 (36) |
| | | | | | Winneshiek | 41 | 32.0 (10) | 23.2 (13) | Franklin | 18 | 18.6 (88) | 12.6 (98) | Greene | 23 | 24.9 (45) | 14.9 (90) | Hamilton | 34 | 23.1 (62) | 17.9 (74) | Hancock | 35 | 32.4 (07) | 25.4 (06) | Boone | 48 | 20.4 (78) | 17.8 (76) | Buchanan | 34 | 18.0 (93) | 16.5 (82) | Buena Vista | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Non-Hodgkin's Lymphoma Incidence by County Group 1978-2004

Crude Rates



Age Adjusted Rates



Non-Hodgkin's Lymphoma Mortality 1996-2004

| | County | # | Crude ¹ | Adjusted ^{1,2} | County | # | Crude ¹ | Adjusted ^{1,2} | |
|---|--|-----------|--------------------|-------------------------|---------------|----------|--------------------|-------------------------|-----|
| Counties with Average Population < 10,000 | Adair | 17 | 23.1 | 14.6 | Monona | 13 | 14.5 | 8.8 | |
| | Adams | 6 | 15.0 | 9.7 | Monroe | 5 | 7.0 | 5.1 | |
| | Audubon | * | * | * | Osceola | 6 | 9.6 | 7.0 | |
| | Clarke | 10 | 12.3 | 10.0 | Palo Alto | 16 | 17.7 | 12.5 | |
| | Davis | 13 | 16.9 | 12.6 | Pocahontas | 10 | 12.9 | 7.2 | |
| | Decatur | 13 | 16.8 | 11.7 | Ringgold | 9 | 18.5 | 9.5 | |
| | Fremont | 8 | 11.2 | 8.0 | Taylor | * | * | * | |
| | Howard | 11 | 12.3 | 8.5 | Van Buren | 7 | 10.0 | 7.6 | |
| | Ida | * | * | * | Wayne | 11 | 18.1 | 11.1 | |
| | Lucas | 12 | 14.1 | 10.0 | Worth | 13 | 18.4 | 12.1 | |
| | | | | | Total | 192 | 13.4 | 8.9 | |
| | Counties with Average Population 10,000 - 20,000 | Allamakee | 13 | 9.9 | 6.5 | Hardin | 19 | 11.3 | 6.7 |
| | | Appanoose | 12 | 9.8 | 6.3 | Humboldt | 10 | 10.8 | 7.6 |
| Butler | | 13 | 9.5 | 6.1 | Iowa | 28 | 19.8 | 13.8 | |
| Calhoun | | 15 | 15.1 | 10.4 | Jefferson | 16 | 10.9 | 9.9 | |
| Cass | | 14 | 10.6 | 6.2 | Keokuk | 16 | 15.6 | 10.0 | |
| Cedar | | 21 | 12.9 | 9.7 | Kossuth | 22 | 14.4 | 11.1 | |
| Cherokee | | 13 | 11.1 | 7.7 | Louisa | 9 | 8.2 | 7.2 | |
| Chickasaw | | 16 | 13.6 | 9.2 | Lyon | 13 | 12.3 | 8.8 | |
| Clay | | 22 | 14.1 | 10.2 | Mitchell | 14 | 14.3 | 8.3 | |
| Clayton | | 14 | 8.3 | 5.6 | Montgomery | 19 | 18.1 | 10.0 | |
| Crawford | | 10 | 6.6 | 4.7 | O'Brien | 18 | 13.3 | 7.7 | |
| Delaware | | 15 | 9.1 | 8.0 | Page | 17 | 11.2 | 6.8 | |
| Dickinson | | 19 | 12.9 | 8.9 | Poweshiek | 21 | 12.3 | 9.1 | |
| Emmet | | 10 | 10.1 | 6.5 | Sac | 10 | 9.7 | 5.6 | |
| Floyd | | 28 | 18.5 | 13.4 | Shelby | 16 | 13.6 | 8.3 | |
| Franklin | | 9 | 9.3 | 6.1 | Tama | 12 | 7.4 | 5.1 | |
| Greene | | 9 | 9.7 | 6.6 | Union | 17 | 15.4 | 10.0 | |
| Hamilton | | 25 | 17.0 | 12.1 | Winnebago | 17 | 16.2 | 10.3 | |
| Hancock | | 15 | 13.9 | 10.1 | Wright | 20 | 15.6 | 8.8 | |
| | | | | Total | 607 | 12.4 | 8.4 | | |
| Counties with Average Population > 20,000 | Boone | 26 | 11.1 | 8.5 | Lee | 45 | 13.2 | 10.5 | |
| | Buchanan | 21 | 11.1 | 9.7 | Mahaska | 15 | 7.5 | 5.8 | |
| | Buena Vista | 23 | 12.6 | 9.8 | Marion | 25 | 8.7 | 7.1 | |
| | Carroll | 31 | 16.1 | 11.6 | Marshall | 35 | 9.9 | 7.8 | |
| | Cerro Gordo | 45 | 10.8 | 8.0 | Muscatine | 38 | 10.1 | 9.7 | |
| | Clinton | 49 | 10.8 | 8.6 | Plymouth | 29 | 13.0 | 10.5 | |
| | Des Moines | 47 | 12.4 | 10.0 | Sioux | 20 | 7.0 | 5.8 | |
| | Fayette | 29 | 14.7 | 10.0 | Wapello | 38 | 11.7 | 8.9 | |
| | Henry | 26 | 14.3 | 12.0 | Webster | 40 | 11.2 | 8.5 | |
| | Jackson | 15 | 8.2 | 6.1 | Winneshiek | 17 | 8.9 | 7.4 | |
| | Jasper | 34 | 10.2 | 8.4 | Total | 648 | 11.0 | 8.8 | |
| MSA Counties | Benton | 22 | 9.6 | 7.6 | Linn | 142 | 8.3 | 8.3 | |
| | Black Hawk | 104 | 9.1 | 8.3 | Madison | 11 | 8.7 | 8.0 | |
| | Bremer | 23 | 10.9 | 8.5 | Mills | 5 | 3.8 | 3.9 | |
| | Dallas | 27 | 7.2 | 8.2 | Polk | 285 | 8.4 | 9.2 | |
| | Dubuque | 85 | 10.6 | 9.1 | Pottawattamie | 75 | 9.5 | 9.0 | |
| | Grundy | 13 | 11.7 | 7.9 | Scott | 116 | 8.1 | 8.5 | |
| | Guthrie | 9 | 8.8 | 5.5 | Story | 58 | 8.1 | 10.0 | |
| | Harrison | 21 | 14.9 | 9.8 | Warren | 30 | 8.2 | 8.4 | |
| | Johnson | 60 | 6.0 | 9.4 | Washington | 20 | 10.7 | 8.7 | |
| | Jones | 24 | 13.1 | 10.9 | Woodbury | 92 | 9.9 | 9.3 | |
| | | | | | Total | 1,222 | 8.7 | 8.8 | |
| State Total | 2,669 | 10.2 | 8.7 | | | | | | |

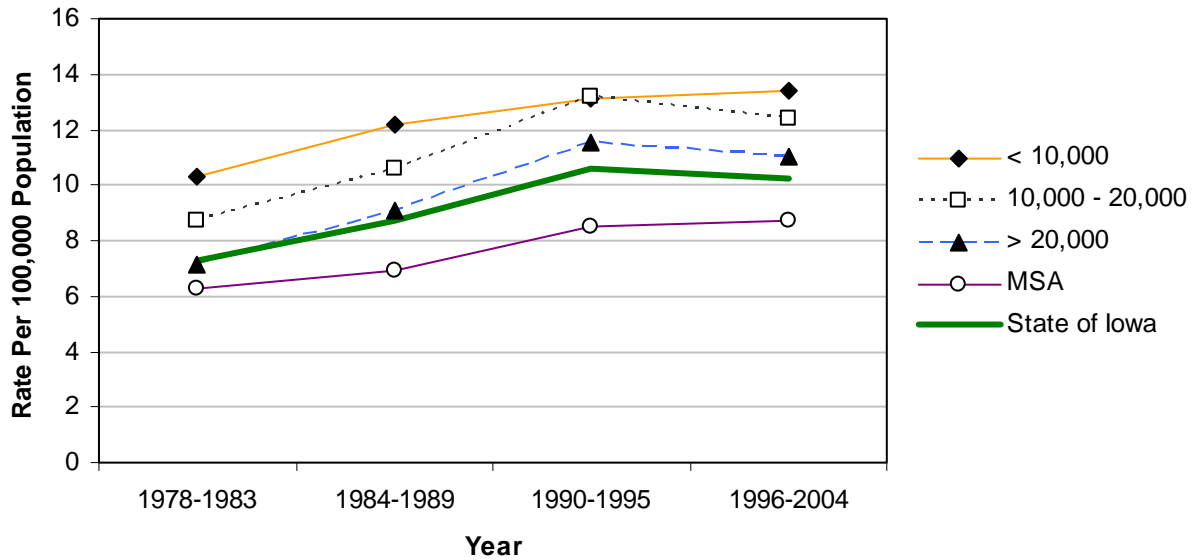
¹Rates per 100,000 population

²Adjusted to year 2000 population

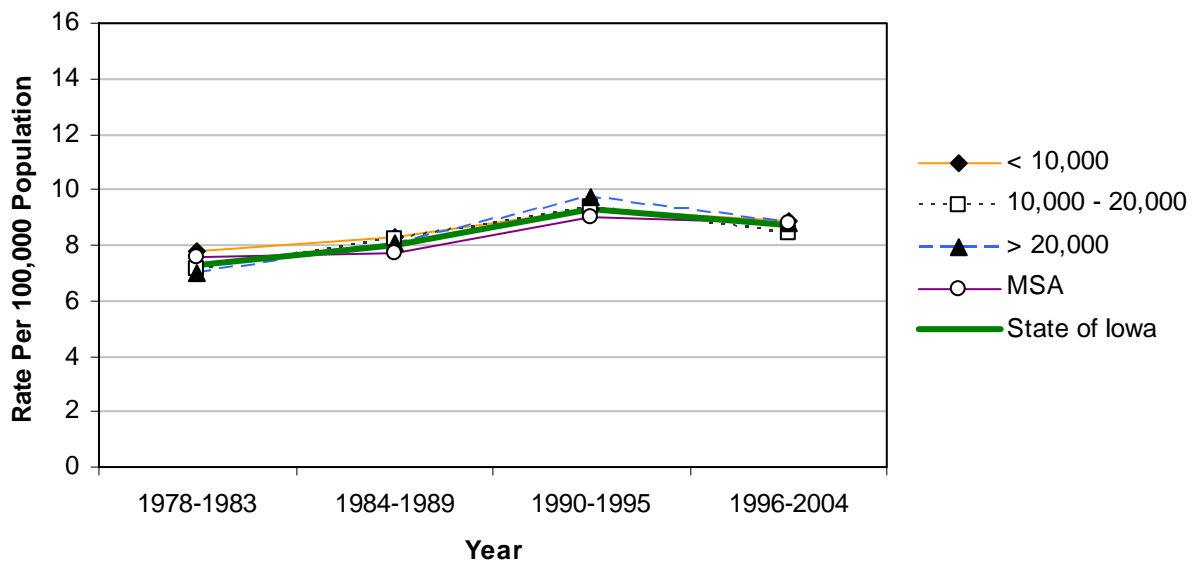
Source: State Health Registry of Iowa via NCI's SEER*Stat Program

Non-Hodgkin's Lymphoma Mortality by County Group 1978-2004

Crude Rates



Age-Adjusted Rates



Leukemia Incidence 1996-2004

| | County | # | Crude ¹ | Adjusted ^{1,2} | County | # | Crude ¹ | Adjusted ^{1,2} | |
|---|---|-----------|--------------------|-------------------------|---------------|----------|--------------------|-------------------------|------|
| Counties with Average Population < 10,000 | Adair | 16 | 21.8 | 15.3 | Monona | 23 | 25.7 | 19.1 | |
| | Adams | * | * | * | Monroe | 17 | 23.7 | 17.4 | |
| | Audubon | 21 | 34.6 | 18.6 | Osceola | 9 | 14.3 | 12.0 | |
| | Clarke | 13 | 16.0 | 12.4 | Palo Alto | 21 | 23.2 | 17.0 | |
| | Davis | 12 | 15.6 | 12.5 | Pocahontas | 22 | 28.4 | 18.9 | |
| | Decatur | 16 | 20.7 | 16.8 | Ringgold | 15 | 30.8 | 21.1 | |
| | Fremont | 16 | 22.4 | 16.4 | Taylor | 13 | 20.9 | 13.4 | |
| | Howard | 15 | 16.8 | 11.8 | Van Buren | 15 | 21.5 | 14.4 | |
| | Ida | 24 | 34.3 | 24.1 | Wayne | 14 | 23.1 | 15.7 | |
| | Lucas | 8 | 9.4 | 6.0 | Worth | 11 | 15.5 | 12.1 | |
| | | | | | Total | 301-305 | 21.1-21.3 | 14.9-15.1 | |
| | Counties with Average Population 10,000 – 20,000 | Allamakee | 23 | 17.5 | 13.7 | Hardin | 46 | 27.4 | 19.1 |
| | | Appanoose | 18 | 14.6 | 9.9 | Humboldt | 23 | 24.8 | 16.5 |
| Butler | | 30 | 21.9 | 15.8 | Iowa | 23 | 16.3 | 11.9 | |
| Calhoun | | 30 | 30.2 | 18.3 | Jefferson | 30 | 20.5 | 18.4 | |
| Cass | | 19 | 14.4 | 8.8 | Keokuk | 17 | 16.6 | 11.3 | |
| Cedar | | 41 | 25.1 | 20.0 | Kossuth | 34 | 22.2 | 16.4 | |
| Cherokee | | 28 | 24.0 | 18.0 | Louisa | 20 | 18.3 | 17.2 | |
| Chickasaw | | 14 | 11.9 | 8.7 | Lyon | 17 | 16.1 | 11.8 | |
| Clay | | 36 | 23.1 | 16.6 | Mitchell | 22 | 22.5 | 16.8 | |
| Clayton | | 30 | 17.9 | 13.9 | Montgomery | 15 | 14.3 | 9.8 | |
| Crawford | | 32 | 21.0 | 16.8 | O'Brien | 36 | 26.6 | 19.4 | |
| Delaware | | 27 | 16.4 | 14.5 | Page | 35 | 23.0 | 14.6 | |
| Dickinson | | 24 | 16.3 | 11.1 | Poweshiek | 37 | 21.7 | 16.8 | |
| Emmet | | 16 | 16.1 | 11.4 | Sac | 25 | 24.3 | 16.9 | |
| Floyd | | 38 | 25.1 | 18.4 | Shelby | 30 | 25.5 | 18.8 | |
| Franklin | | 13 | 13.4 | 10.4 | Tama | 33 | 20.4 | 15.3 | |
| Greene | | 23 | 24.9 | 16.4 | Union | 16 | 14.5 | 10.6 | |
| Hamilton | | 42 | 28.6 | 21.4 | Winnebago | 22 | 21.0 | 17.1 | |
| Hancock | 24 | 22.2 | 16.7 | Wright | 26 | 20.3 | 13.5 | | |
| | | | | Total | 1,015 | 20.7 | 15.2 | | |
| Counties with Average Population > 20,000 | Boone | 44 | 18.7 | 14.9 | Lee | 60 | 17.6 | 14.7 | |
| | Buchanan | 36 | 19.0 | 17.3 | Mahaska | 30 | 15.0 | 12.6 | |
| | Buena Vista | 38 | 20.8 | 18.7 | Marion | 58 | 20.1 | 17.6 | |
| | Carroll | 34 | 17.7 | 13.0 | Marshall | 69 | 19.5 | 15.9 | |
| | Cerro Gordo | 76 | 18.3 | 14.7 | Muscatine | 64 | 17.0 | 16.6 | |
| | Clinton | 73 | 16.2 | 14.0 | Plymouth | 44 | 19.7 | 16.3 | |
| | Des Moines | 95 | 25.1 | 20.6 | Sioux | 52 | 18.2 | 16.2 | |
| | Fayette | 56 | 28.5 | 22.9 | Wapello | 61 | 18.8 | 14.8 | |
| | Henry | 34 | 18.7 | 16.6 | Webster | 61 | 17.1 | 13.8 | |
| | Jackson | 32 | 17.6 | 14.2 | Winneshiek | 29 | 15.2 | 14.0 | |
| | Jasper | 63 | 18.9 | 15.4 | Total | 1,109 | 18.9 | 15.9 | |
| MSA Counties | Benton | 41 | 17.9 | 15.4 | Linn | 223 | 13.0 | 13.1 | |
| | Black Hawk | 153 | 13.4 | 12.5 | Madison | 20 | 15.8 | 14.2 | |
| | Bremer | 26 | 12.4 | 9.8 | Mills | 19 | 14.6 | 14.1 | |
| | Dallas | 65 | 17.4 | 18.9 | Polk | 407 | 12.0 | 12.9 | |
| | Dubuque | 110 | 13.7 | 12.8 | Pottawattamie | 139 | 17.7 | 16.8 | |
| | Grundy | 24 | 21.6 | 16.6 | Scott | 205 | 14.4 | 14.8 | |
| | Guthrie | 25 | 24.4 | 17.1 | Story | 93 | 13.0 | 15.9 | |
| | Harrison | 19 | 13.5 | 11.1 | Warren | 42 | 11.5 | 11.7 | |
| | Johnson | 119 | 11.9 | 17.5 | Washington | 42 | 22.4 | 17.1 | |
| | Jones | 29 | 15.8 | 13.8 | Woodbury | 156 | 16.7 | 16.2 | |
| | | | | | Total | 1,957 | 13.9 | 14.1 | |
| State Total | 4,382-6 | 16.6-16.7 | 14.7-14.8 | | | | | | |

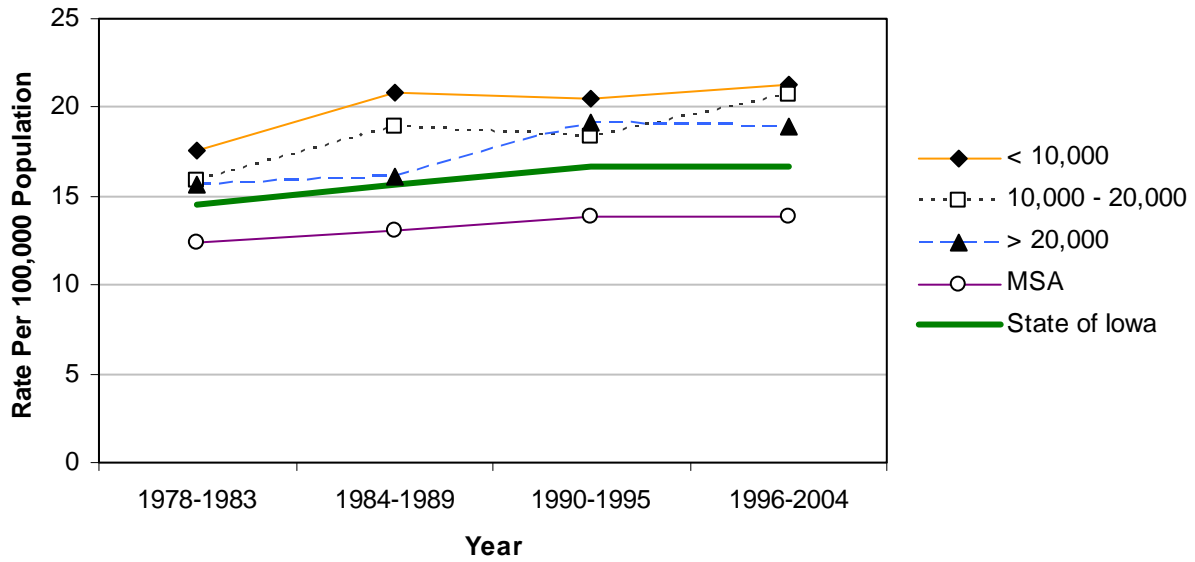
¹Rates per 100,000 population

²Adjusted to year 2000 population

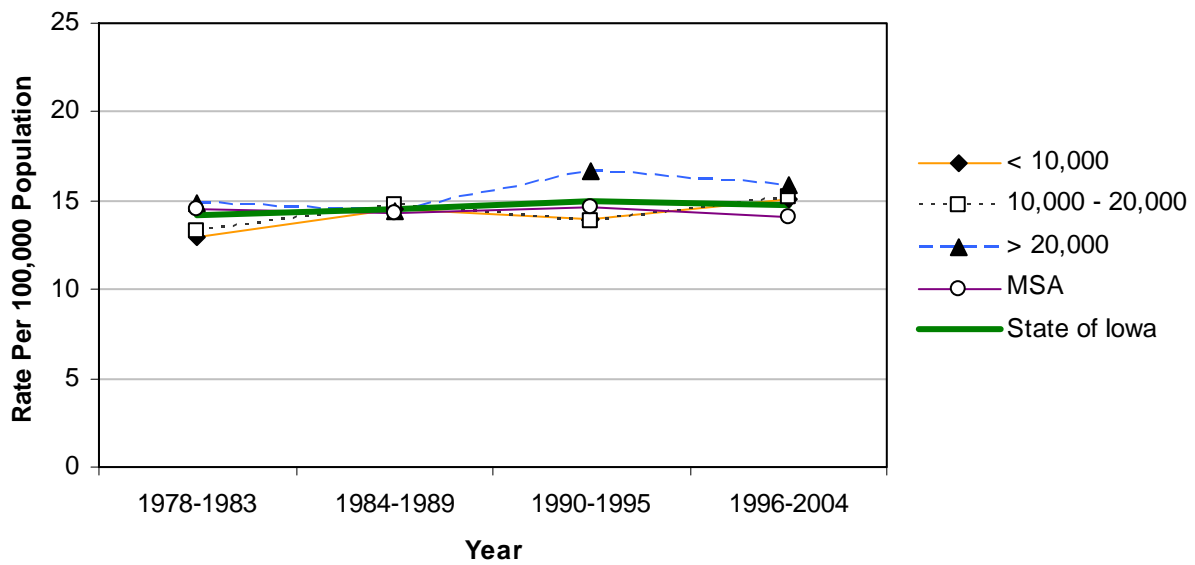
Source: State Health Registry of Iowa via NCI's SEER*Stat Program

Leukemia Incidence by County Group 1978-2004

Crude Rates



Age-Adjusted Rates



Leukemia Mortality 1996-2004

| | County | # | Crude ¹ | Adjusted ^{1,2} | County | # | Crude ¹ | Adjusted ^{1,2} | |
|---|--|--------------|--------------------|-------------------------|---------------|--------------|--------------------|-------------------------|------|
| Counties with Average Population < 10,000 | Adair | 7 | 9.5 | 4.3 | Monona | 15 | 16.8 | 11.2 | |
| | Adams | * | * | * | Monroe | 12 | 16.7 | 12.1 | |
| | Audubon | 16 | 26.4 | 12.7 | Osceola | 7 | 11.1 | 9.5 | |
| | Clarke | 8 | 9.9 | 6.7 | Palo Alto | 12 | 13.3 | 8.8 | |
| | Davis | 8 | 10.4 | 7.7 | Pocahontas | 15 | 19.4 | 12.0 | |
| | Decatur | 9 | 11.6 | 8.9 | Ringgold | 6 | 12.3 | 6.4 | |
| | Fremont | 9 | 12.6 | 9.6 | Taylor | 10 | 16.1 | 9.8 | |
| | Howard | 5 | 5.6 | 3.5 | Van Buren | * | * | * | |
| | Ida | 11 | 15.7 | 9.1 | Wayne | 6 | 9.9 | 6.0 | |
| | Lucas | 9 | 10.6 | 5.9 | Worth | 8 | 11.3 | 7.2 | |
| | | | | | Total | 181 | 12.7 | 8.1 | |
| | Counties with Average Population 10,000 – 20,000 | Allamakee | 12 | 9.2 | 6.1 | Hardin | 25 | 14.9 | 10.1 |
| | | Appanoose | 7 | 5.7 | 3.8 | Humboldt | 19 | 20.5 | 13.0 |
| Butler | | 23 | 16.8 | 11.3 | Iowa | 10 | 7.1 | 4.9 | |
| Calhoun | | 19 | 19.1 | 11.2 | Jefferson | 10 | 6.8 | 5.8 | |
| Cass | | 14 | 10.6 | 6.5 | Keokuk | 10 | 9.8 | 7.1 | |
| Cedar | | 26 | 15.9 | 11.5 | Kossuth | 27 | 17.6 | 11.4 | |
| Cherokee | | 12 | 10.3 | 6.1 | Louisa | 14 | 12.8 | 10.8 | |
| Chickasaw | | 11 | 9.4 | 6.6 | Lyon | 9 | 8.5 | 6.1 | |
| Clay | | 14 | 9.0 | 6.2 | Mitchell | 10 | 10.2 | 5.9 | |
| Clayton | | 18 | 10.7 | 7.3 | Montgomery | 14 | 13.4 | 8.2 | |
| Crawford | | 17 | 11.2 | 8.3 | O'Brien | 22 | 16.2 | 11.4 | |
| Delaware | | 16 | 9.7 | 8.6 | Page | 20 | 13.2 | 8.3 | |
| Dickinson | | 24 | 16.3 | 10.8 | Poweshiek | 23 | 13.5 | 9.7 | |
| Emmet | | 7 | 7.1 | 4.9 | Sac | 6 | 5.8 | 4.9 | |
| Floyd | | 19 | 12.6 | 7.5 | Shelby | 14 | 11.9 | 8.1 | |
| Franklin | | 5 | 5.2 | 3.2 | Tama | 21 | 13.0 | 9.2 | |
| Greene | | 11 | 11.9 | 6.1 | Union | 13 | 11.8 | 7.9 | |
| Hamilton | | 21 | 14.3 | 11.2 | Winnebago | 13 | 12.4 | 9.5 | |
| Hancock | | 14 | 13.0 | 8.7 | Wright | 18 | 14.1 | 8.5 | |
| | | | | Total | 588 | 12.0 | 8.2 | | |
| Counties with Average Population > 20,000 | Boone | 32 | 13.6 | 10.3 | Lee | 44 | 12.9 | 10.1 | |
| | Buchanan | 20 | 10.6 | 9.1 | Mahaska | 19 | 9.5 | 7.3 | |
| | Buena Vista | 20 | 10.9 | 9.0 | Marion | 38 | 13.2 | 11.1 | |
| | Carroll | 18 | 9.4 | 6.5 | Marshall | 33 | 9.3 | 7.3 | |
| | Cerro Gordo | 51 | 12.3 | 9.0 | Muscatine | 38 | 10.1 | 9.7 | |
| | Clinton | 41 | 9.1 | 7.7 | Plymouth | 28 | 12.6 | 9.8 | |
| | Des Moines | 52 | 13.7 | 10.2 | Sioux | 33 | 11.6 | 10.2 | |
| | Fayette | 27 | 13.7 | 9.7 | Wapello | 37 | 11.4 | 8.6 | |
| | Henry | 14 | 7.7 | 6.5 | Webster | 42 | 11.7 | 8.9 | |
| | Jackson | 18 | 9.9 | 7.4 | Winneshiek | 14 | 7.3 | 5.9 | |
| | Jasper | 35 | 10.5 | 8.5 | Total | 654 | 11.1 | 8.8 | |
| MSA Counties | Benton | 28 | 12.2 | 10.1 | Linn | 134 | 7.8 | 7.8 | |
| | Black Hawk | 98 | 8.6 | 7.9 | Madison | 12 | 9.5 | 8.2 | |
| | Bremer | 16 | 7.6 | 5.6 | Mills | 9 | 6.9 | 6.9 | |
| | Dallas | 38 | 10.2 | 10.9 | Polk | 252 | 7.5 | 8.1 | |
| | Dubuque | 64 | 7.9 | 7.1 | Pottawattamie | 68 | 8.7 | 8.2 | |
| | Grundy | 15 | 13.5 | 9.0 | Scott | 109 | 7.6 | 8.0 | |
| | Guthrie | 10 | 9.8 | 6.4 | Story | 53 | 7.4 | 8.8 | |
| | Harrison | 11 | 7.8 | 5.7 | Warren | 31 | 8.5 | 8.8 | |
| | Johnson | 77 | 7.7 | 11.7 | Washington | 25 | 13.3 | 8.6 | |
| | Jones | 11 | 6.0 | 4.8 | Woodbury | 79 | 8.5 | 7.9 | |
| | | | | | Total | 1,140 | 8.1 | 8.1 | |
| State Total | | 2,563 | 9.8 | 8.3 | | | | | |

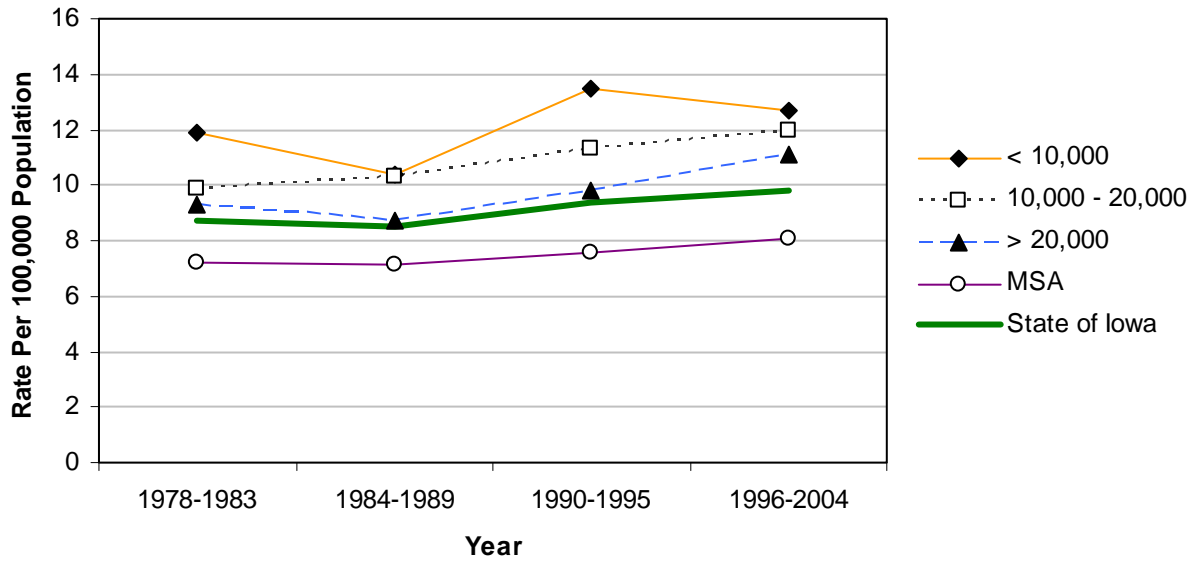
¹Rates per 100,000 population

²Adjusted to year 2000 population

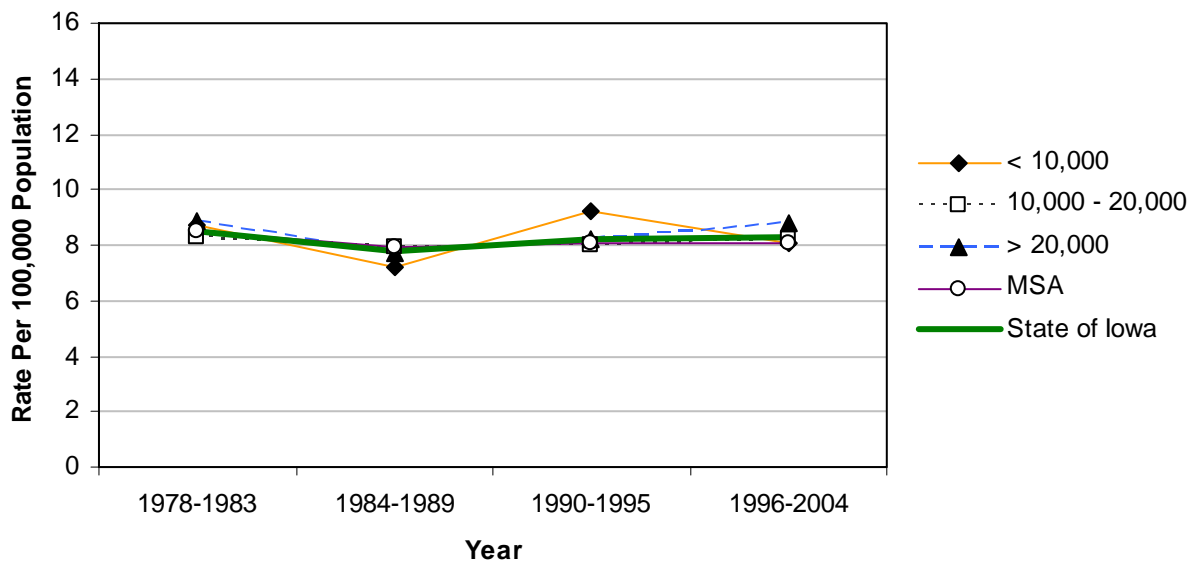
Source: State Health Registry of Iowa via NCI's SEER*Stat Program

Leukemia Mortality by County Group 1978-2004

Crude Rates



Age-Adjusted Rates



Skin Melanoma Incidence 1996-2004

| | Average Population < 10,000 | | | | Average Population 10,000 - 20,000 | | | | Average Population > 20,000 | | | | MSA Counties | | | | |
|---|--|-------------|--|---|------------------------------------|------------|--|---|-----------------------------|--------------|--|---|---------------|--------------|--|---|-----------|
| | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | County | # | Crude ¹ (Rank ³) | Adjusted ^{1,2} (Rank ³) | |
| Counties with Average Population < 10,000 | Adair | 11 | 15.0 (77) | 11.9 (87) | Monona | 19 | 21.3 (24) | 17.5 (43) | Monroe | 17 | 23.7 (11) | 20.3 (16) | Osceola | 7 | 11.1 (98) | 9.8 (94) | |
| | Adams | 9 | 22.5 (18) | 23.2 (06) | Palo Alto | 15 | 16.6 (68) | 14.5 (69) | Pocahontas | 9 | 11.6 (97) | 8.1 (99) | Ringgold | 6 | 12.3 (93) | 9.4 (97) | |
| | Audubon | 11 | 18.1 (53) | 13.0 (79) | Taylor | 11 | 17.7 (58) | 16.2 (52) | Van Buren | 16 | 22.9 (15) | 19.2 (25) | Wayne | 11 | 18.1 (53) | 16.2 (52) | |
| | Clarke | 17 | 21.0 (28) | 17.0 (46) | Worth | 14 | 19.8 (36) | 15.1 (64) | Total | 281 | 19.7 | 16.4 | | | | | |
| | Davis | 13 | 16.9 (67) | 16.0 (55) | | | | | | | | | | | | | |
| | Decatur | 17 | 22.0 (21) | 19.0 (26) | | | | | | | | | | | | | |
| | Fremont | 13 | 18.2 (50) | 14.7 (67) | | | | | | | | | | | | | |
| | Howard | 25 | 28.0 (03) | 25.8 (02) | | | | | | | | | | | | | |
| | Ida | 19 | 27.1 (05) | 23.2 (06) | | | | | | | | | | | | | |
| | Lucas | 21 | 24.7 (09) | 19.4 (22) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | Counties with Average Population 10,000 - 20,000 | Allamakee | 25 | 19.1 (44) | 16.0 (55) | Hardin | 37 | 22.0 (21) | 17.6 (40) | Humboldt | 12 | 12.9 (91) | 8.8 (98) | Iowa | 28 | 19.8 (36) | 18.1 (36) |
| | | Appanoose | 25 | 20.3 (30) | 15.0 (65) | Jefferson | 21 | 14.4 (82) | 12.9 (80) | Keokuk | 17 | 16.6 (68) | 14.8 (66) | Kossuth | 31 | 20.2 (33) | 18.3 (34) |
| Butler | | 32 | 23.3 (12) | 19.4 (22) | Louisa | 25 | 22.9 (15) | 22.5 (09) | Lyon | 21 | 19.8 (36) | 17.9 (38) | Mitchell | 27 | 27.6 (04) | 20.9 (13) | |
| Calhoun | | 17 | 17.1 (65) | 13.5 (75) | Montgomery | 14 | 13.4 (87) | 11.1 (91) | O'Brien | 20 | 14.8 (79) | 12.4 (83) | Page | 38 | 25.0 (08) | 18.8 (28) | |
| Cass | | 23 | 17.5 (61) | 14.5 (69) | Poweshiek | 25 | 14.7 (80) | 12.6 (81) | Sac | 23 | 22.3 (19) | 18.4 (31) | Shelby | 19 | 16.1 (74) | 14.0 (73) | |
| Cedar | | 38 | 23.3 (12) | 21.4 (12) | Sac | 23 | 22.3 (19) | 18.4 (31) | Shelby | 19 | 16.1 (74) | 14.0 (73) | Tama | 30 | 18.5 (49) | 17.4 (44) | |
| Cherokee | | 26 | 22.3 (19) | 16.4 (51) | Union | 13 | 11.8 (96) | 9.7 (95) | Winnebago | 19 | 18.1 (53) | 17.1 (45) | Wright | 21 | 16.4 (73) | 11.7 (89) | |
| Chickasaw | | 20 | 17.0 (66) | 15.6 (58) | Total | 944 | 19.2 | 16.3 | | | | | | | | | |
| Clay | | 22 | 14.1 (83) | 12.2 (84) | | | | | | | | | | | | | |
| Clayton | | 32 | 19.1 (44) | 15.4 (61) | | | | | | | | | | | | | |
| Crawford | | 20 | 13.1 (89) | 11.9 (87) | | | | | | | | | | | | | |
| Delaware | | 31 | 18.8 (47) | 18.4 (31) | | | | | | | | | | | | | |
| Dickinson | | 43 | 29.3 (02) | 24.6 (03) | | | | | | | | | | | | | |
| Emmet | | 12 | 12.1 (95) | 9.5 (96) | | | | | | | | | | | | | |
| Floyd | | 41 | 27.1 (05) | 22.6 (08) | | | | | | | | | | | | | |
| Franklin | | 16 | 16.5 (72) | 14.7 (67) | | | | | | | | | | | | | |
| Greene | | 24 | 26.0 (07) | 21.5 (11) | | | | | | | | | | | | | |
| Hamilton | | 31 | 21.1 (27) | 18.8 (28) | | | | | | | | | | | | | |
| Hancock | | 25 | 23.2 (14) | 20.1 (17) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Counties with Average Population > 20,000 | Boone | 49 | 20.8 (29) | 19.0 (26) | Lee | 62 | 18.2 (50) | 16.1 (54) | Mahaska | 29 | 14.5 (81) | 13.3 (77) | Marion | 48 | 16.6 (68) | 15.3 (63) | |
| | Buchanan | 46 | 24.3 (10) | 24.1 (04) | Marshall | 67 | 19.0 (46) | 17.0 (46) | Muscatine | 59 | 15.7 (75) | 15.4 (61) | Plymouth | 30 | 13.5 (85) | 12.5 (82) | |
| | Buena Vista | 24 | 13.1 (89) | 12.1 (85) | Muscatine | 59 | 15.7 (75) | 15.4 (61) | Plymouth | 30 | 13.5 (85) | 12.5 (82) | Sioux | 58 | 20.3 (30) | 19.9 (19) | |
| | Carroll | 35 | 18.2 (50) | 16.6 (49) | Plymouth | 30 | 13.5 (85) | 12.5 (82) | Sioux | 58 | 20.3 (30) | 19.9 (19) | Wapello | 69 | 21.3 (24) | 19.4 (22) | |
| | Cerro Gordo | 91 | 21.9 (23) | 19.5 (20) | Sioux | 58 | 20.3 (30) | 19.9 (19) | Wapello | 69 | 21.3 (24) | 19.4 (22) | Webster | 44 | 12.3 (93) | 10.8 (92) | |
| | Clinton | 90 | 19.9 (35) | 18.4 (31) | Webster | 44 | 12.3 (93) | 10.8 (92) | Winneshiek | 24 | 12.6 (92) | 11.4 (90) | Total | 1,052 | 17.9 | 16.3 | |
| | Des Moines | 59 | 15.6 (76) | 13.3 (77) | Winneshiek | 24 | 12.6 (92) | 11.4 (90) | | | | | | | | | |
| | Fayette | 37 | 18.8 (47) | 15.7 (57) | | | | | | | | | | | | | |
| | Henry | 37 | 20.3 (30) | 18.2 (35) | | | | | | | | | | | | | |
| | Jackson | 36 | 19.8 (36) | 17.6 (40) | | | | | | | | | | | | | |
| | Jasper | 58 | 17.4 (62) | 15.5 (59) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | MSA Counties | Benton | 38 | 16.6 (68) | 15.5 (59) | Linn | 344 | 20.0 (34) | 20.0 (18) | Madison | 19 | 15.0 (77) | 14.5 (69) | Mills | 14 | 10.7 (99) | 10.4 (93) |
| Black Hawk | | 219 | 19.2 (43) | 18.8 (28) | Madison | 19 | 15.0 (77) | 14.5 (69) | Mills | 14 | 10.7 (99) | 10.4 (93) | Polk | 446 | 13.2 (88) | 13.7 (74) | |
| Bremer | | 48 | 22.8 (17) | 20.6 (15) | Mills | 14 | 10.7 (99) | 10.4 (93) | Polk | 446 | 13.2 (88) | 13.7 (74) | Pottawattamie | 110 | 14.0 (84) | 13.5 (75) | |
| Dallas | | 73 | 19.5 (41) | 20.7 (14) | Pottawattamie | 110 | 14.0 (84) | 13.5 (75) | Scott | 256 | 17.9 (57) | 18.1 (36) | Scott | 256 | 17.9 (57) | 18.1 (36) | |
| Dubuque | | 140 | 17.4 (62) | 17.0 (46) | Scott | 256 | 17.9 (57) | 18.1 (36) | Story | 138 | 19.4 (42) | 23.9 (05) | Story | 138 | 19.4 (42) | 23.9 (05) | |
| Grundy | | 40 | 36.0 (01) | 29.7 (01) | Story | 138 | 19.4 (42) | 23.9 (05) | Warren | 64 | 17.4 (62) | 17.6 (40) | Warren | 64 | 17.4 (62) | 17.6 (40) | |
| Guthrie | | 20 | 19.6 (40) | 16.6 (49) | Warren | 64 | 17.4 (62) | 17.6 (40) | Washington | 33 | 17.6 (60) | 14.3 (72) | Washington | 33 | 17.6 (60) | 14.3 (72) | |
| Harrison | | 19 | 13.5 (85) | 12.0 (86) | Washington | 33 | 17.6 (60) | 14.3 (72) | Woodbury | 165 | 17.7 (58) | 17.8 (39) | Woodbury | 165 | 17.7 (58) | 17.8 (39) | |
| Johnson | | 181 | 18.1 (53) | 21.9 (10) | Woodbury | 165 | 17.7 (58) | 17.8 (39) | Total | 2,406 | 17.1 | 17.3 | | | | | |
| Jones | | 39 | 21.3 (24) | 19.5 (20) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| State Total | 4,683 | 17.8 | 16.8 | | | | | | | | | | | | | | |

¹Rates per 100,000 population

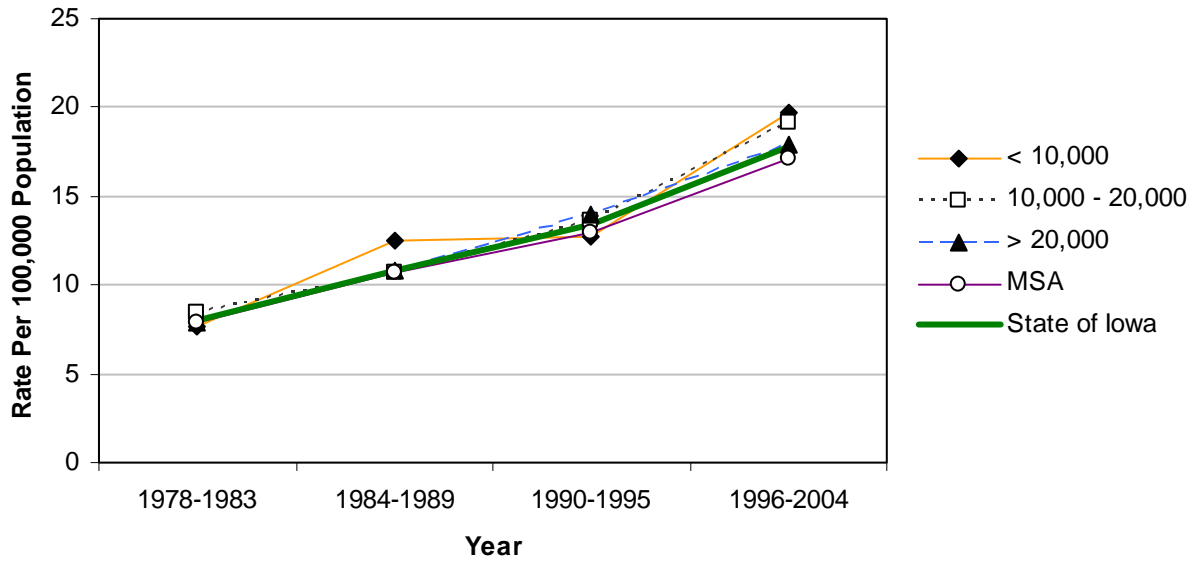
²Adjusted to year 2000 population

³Rank among 99 counties

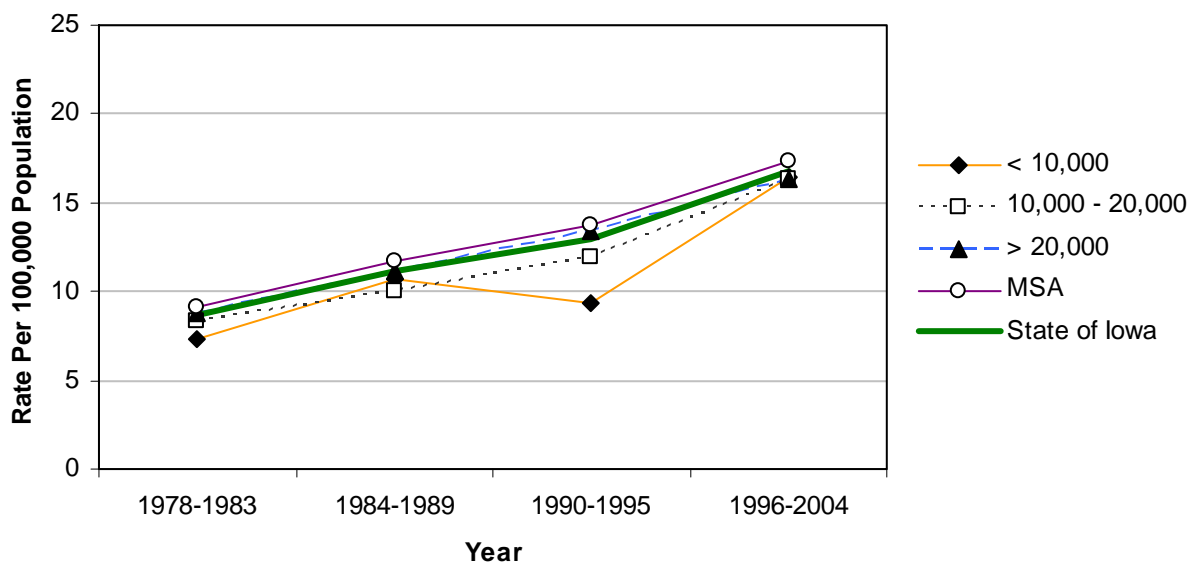
Source: State Health Registry of Iowa via NCI's SEER*Stat Program

Skin Melanoma Incidence by County Group 1978-2004

Crude Rates



Age-Adjusted Rates



Skin Melanoma Mortality 1996-2004

| | County | # | Crude ¹ | Adjusted ^{1,2} | County | # | Crude ¹ | Adjusted ^{1,2} | |
|---|--|------------|--------------------|-------------------------|---------------|------------|--------------------|-------------------------|---|
| Counties with Average Population < 10,000 | Adair | * | * | * | Monona | * | * | * | |
| | Adams | * | * | * | Monroe | * | * | * | |
| | Audubon | * | * | * | Osceola | * | * | * | |
| | Clarke | * | * | * | Palo Alto | * | * | * | |
| | Davis | * | * | * | Pocahontas | * | * | * | |
| | Decatur | * | * | * | Ringgold | * | * | * | |
| | Fremont | * | * | * | Taylor | * | * | * | |
| | Howard | * | * | * | Van Buren | * | * | * | |
| | Ida | * | * | * | Wayne | * | * | * | |
| | Lucas | * | * | * | Worth | * | * | * | |
| | | | | | Total | 35 | 2.4 | 2.0 | |
| | Counties with Average Population 10,000 – 20,000 | Allamakee | 7 | 5.3 | 4.0 | Hardin | * | * | * |
| | | Appanoose | * | * | * | Humboldt | * | * | * |
| Butler | | * | * | * | Iowa | 6 | 4.3 | 3.2 | |
| Calhoun | | 5 | 5.0 | 4.0 | Jefferson | * | * | * | |
| Cass | | * | * | * | Keokuk | * | * | * | |
| Cedar | | 9 | 5.5 | 4.3 | Kossuth | * | * | * | |
| Cherokee | | * | * | * | Louisa | * | * | * | |
| Chickasaw | | * | * | * | Lyon | 5 | 4.7 | 4.5 | |
| Clay | | 7 | 4.5 | 3.6 | Mitchell | * | * | * | |
| Clayton | | * | * | * | Montgomery | * | * | * | |
| Crawford | | * | * | * | O'Brien | 6 | 4.4 | 2.8 | |
| Delaware | | 7 | 4.2 | 4.2 | Page | * | * | * | |
| Dickinson | | 6 | 4.1 | 2.8 | Poweshiek | 10 | 5.9 | 5.3 | |
| Emmet | | * | * | * | Sac | * | * | * | |
| Floyd | | * | * | * | Shelby | 7 | 5.9 | 5.1 | |
| Franklin | | * | * | * | Tama | 6 | 3.7 | 3.0 | |
| Greene | | 5 | 5.4 | 4.1 | Union | 7 | 6.4 | 4.7 | |
| Hamilton | | * | * | * | Winnebago | * | * | * | |
| Hancock | | 6 | 5.6 | 3.8 | Wright | 6 | 4.7 | 2.9 | |
| | | | | Total | 161 | 3.3 | 2.5 | | |
| Counties with Average Population > 20,000 | Boone | 7 | 3.0 | 2.7 | Lee | 12 | 3.5 | 2.8 | |
| | Buchanan | 9 | 4.8 | 4.4 | Mahaska | * | * | * | |
| | Buena Vista | 5 | 2.7 | 2.6 | Marion | 10 | 3.5 | 3.1 | |
| | Carroll | * | * | * | Marshall | 18 | 5.1 | 4.5 | |
| | Cerro Gordo | 5 | 1.2 | 1.0 | Muscatine | 9 | 2.4 | 2.3 | |
| | Clinton | 13 | 2.9 | 2.7 | Plymouth | 8 | 3.6 | 3.1 | |
| | Des Moines | 20 | 5.3 | 4.2 | Sioux | 10 | 3.5 | 3.4 | |
| | Fayette | 8 | 4.1 | 3.0 | Wapello | 8 | 2.5 | 2.0 | |
| | Henry | * | * | * | Webster | 12 | 3.4 | 2.9 | |
| | Jackson | * | * | * | Winneshiek | * | * | * | |
| | Jasper | 8 | 2.4 | 2.1 | Total | 176 | 3.0 | 2.6 | |
| MSA Counties | Benton | 10 | 4.4 | 3.7 | Linn | 36 | 2.1 | 2.1 | |
| | Black Hawk | 24 | 2.1 | 2.0 | Madison | * | * | * | |
| | Bremer | 6 | 2.9 | 2.7 | Mills | * | * | * | |
| | Dallas | 6 | 1.6 | 1.6 | Polk | 87 | 2.6 | 2.7 | |
| | Dubuque | 20 | 2.5 | 2.3 | Pottawattamie | 20 | 2.5 | 2.4 | |
| | Grundy | 7 | 6.3 | 4.7 | Scott | 37 | 2.6 | 2.6 | |
| | Guthrie | * | * | * | Story | 9 | 1.3 | 1.5 | |
| | Harrison | 8 | 5.7 | 5.2 | Warren | 11 | 3.0 | 3.1 | |
| | Johnson | 22 | 2.2 | 3.1 | Washington | * | * | * | |
| | Jones | * | * | * | Woodbury | 15 | 1.6 | 1.6 | |
| | | | | | Total | 335 | 2.4 | 2.4 | |
| State Total | 707 | 2.7 | 2.4 | | | | | | |

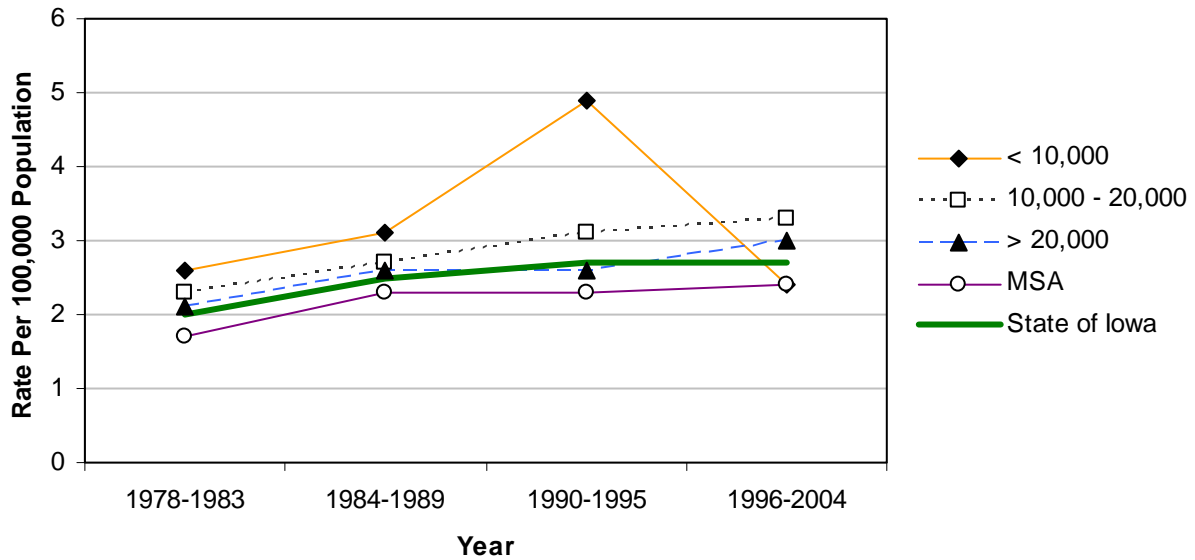
¹Rates per 100,000 population

²Adjusted to year 2000 population

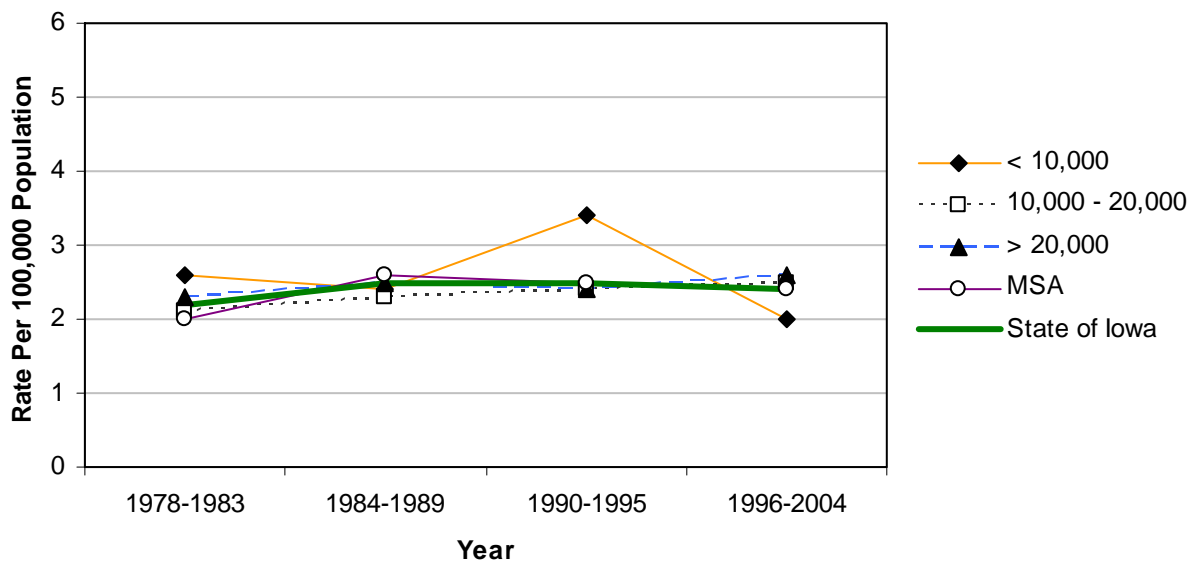
Source: State Health Registry of Iowa via NCI's SEER*Stat Program

Skin Melanoma Mortality by County Group 1978-2004

Crude Rates



Age-Adjusted Rates



Oral Cavity (Excluding Lip) Cancer Incidence 1996-2004

| | County | # | Crude ¹ | Adjusted ^{1,2} | County | # | Crude ¹ | Adjusted ^{1,2} | |
|---|---|----------------|--------------------|-------------------------|---------------|----------------|--------------------|-------------------------|-----|
| Counties with Average Population < 10,000 | Adair | 7 | 9.5 | 7.7 | Monona | 13 | 14.5 | 10.9 | |
| | Adams | 6 | 15.0 | 11.7 | Monroe | 11 | 15.3 | 12.5 | |
| | Audubon | 6 | 9.9 | 7.0 | Osceola | 7 | 11.1 | 9.2 | |
| | Clarke | 12 | 14.8 | 12.1 | Palo Alto | 6 | 6.6 | 5.2 | |
| | Davis | * | * | * | Pocahontas | 7 | 9.1 | 7.1 | |
| | Decatur | 8 | 10.4 | 8.8 | Ringgold | * | * | * | |
| | Fremont | * | * | * | Taylor | 8 | 12.9 | 8.6 | |
| | Howard | 11 | 12.3 | 11.6 | Van Buren | * | * | * | |
| | Ida | 7 | 10.0 | 7.5 | Wayne | 12 | 19.8 | 17.0 | |
| | Lucas | 8 | 9.4 | 8.1 | Worth | 8 | 11.3 | 8.2 | |
| | | | | | Total | 151 | 10.6 | 8.3 | |
| | Counties with Average Population 10,000 – 20,000 | Allamakee | 16 | 12.2 | 10.5 | Hardin | 20 | 11.9 | 8.8 |
| | | Appanoose | 10 | 8.1 | 6.6 | Humboldt | 9 | 9.7 | 7.3 |
| Butler | | 11 | 8.0 | 6.1 | Iowa | 6 | 4.3 | 3.7 | |
| Calhoun | | 9 | 9.1 | 6.8 | Jefferson | 14 | 9.6 | 8.9 | |
| Cass | | 15 | 11.4 | 8.1 | Keokuk | 10 | 9.8 | 7.7 | |
| Cedar | | 16 | 9.8 | 9.3 | Kossuth | 16 | 10.4 | 7.3 | |
| Cherokee | | 14 | 12.0 | 9.2 | Louisa | 6 | 5.5 | 5.3 | |
| Chickasaw | | 7 | 6.0 | 5.7 | Lyon | 10 | 9.4 | 7.8 | |
| Clay | | 12 | 7.7 | 6.9 | Mitchell | * | * | * | |
| Clayton | | 23 | 13.7 | 11.3 | Montgomery | 13 | 12.4 | 10.1 | |
| Crawford | | 17 | 11.2 | 9.6 | O'Brien | 15 | 11.1 | 7.8 | |
| Delaware | | 8 | 4.9 | 4.7 | Page | 11 | 7.2 | 5.3 | |
| Dickinson | | 9 | 6.1 | 4.0 | Poweshiek | 11 | 6.5 | 5.6 | |
| Emmet | | 9 | 9.1 | 8.3 | Sac | 12 | 11.7 | 8.9 | |
| Floyd | | 12 | 7.9 | 6.2 | Shelby | 10 | 8.5 | 6.4 | |
| Franklin | | 8 | 8.2 | 6.2 | Tama | 19 | 11.7 | 9.4 | |
| Greene | | 13 | 14.1 | 10.3 | Union | 15 | 13.6 | 10.5 | |
| Hamilton | | 10 | 6.8 | 6.4 | Winnebago | 9 | 8.6 | 5.4 | |
| Hancock | | 11 | 10.2 | 8.3 | Wright | 14 | 10.9 | 7.7 | |
| | | | | Total | 450-4 | 9.2-9.3 | 7.3-7.4 | | |
| Counties with Average Population > 20,000 | Boone | 27 | 11.5 | 10.3 | Lee | 52 | 15.3 | 12.4 | |
| | Buchanan | 20 | 10.6 | 9.5 | Mahaska | 18 | 9.0 | 7.8 | |
| | Buena Vista | 15 | 8.2 | 7.8 | Marion | 33 | 11.4 | 10.6 | |
| | Carroll | 20 | 10.4 | 8.1 | Marshall | 36 | 10.2 | 8.3 | |
| | Cerro Gordo | 52 | 12.5 | 10.1 | Muscatine | 27 | 7.2 | 7.0 | |
| | Clinton | 59 | 13.1 | 11.2 | Plymouth | 24 | 10.8 | 9.7 | |
| | Des Moines | 41 | 10.8 | 9.3 | Sioux | 21 | 7.4 | 7.3 | |
| | Fayette | 21 | 10.7 | 8.2 | Wapello | 42 | 13.0 | 10.9 | |
| | Henry | 15 | 8.2 | 7.5 | Webster | 37 | 10.3 | 9.4 | |
| | Jackson | 19 | 10.4 | 8.3 | Winneshiek | 17 | 8.9 | 8.1 | |
| | Jasper | 26 | 7.8 | 6.7 | Total | 622 | 10.6 | 9.2 | |
| MSA Counties | Benton | 15 | 6.5 | 6.2 | Linn | 171 | 9.9 | 10.0 | |
| | Black Hawk | 122 | 10.7 | 10.3 | Madison | 12 | 9.5 | 8.9 | |
| | Bremer | 22 | 10.5 | 8.4 | Mills | 9 | 6.9 | 6.4 | |
| | Dallas | 32 | 8.6 | 9.3 | Polk | 304 | 9.0 | 9.7 | |
| | Dubuque | 82 | 10.2 | 9.2 | Pottawattamie | 67 | 8.5 | 8.1 | |
| | Grundy | 19 | 17.1 | 14.2 | Scott | 141 | 9.9 | 10.0 | |
| | Guthrie | 14 | 13.7 | 11.2 | Story | 45 | 6.3 | 7.9 | |
| | Harrison | 18 | 12.8 | 10.8 | Warren | 27 | 7.4 | 7.4 | |
| | Johnson | 75 | 7.5 | 10.4 | Washington | 21 | 11.2 | 9.8 | |
| | Jones | 17 | 9.3 | 8.2 | Woodbury | 83 | 8.9 | 9.0 | |
| | | | | | Total | 1,296 | 9.2 | 9.4 | |
| State Total | 2,519-23 | 9.5-9.6 | 8.7-8.8 | | | | | | |

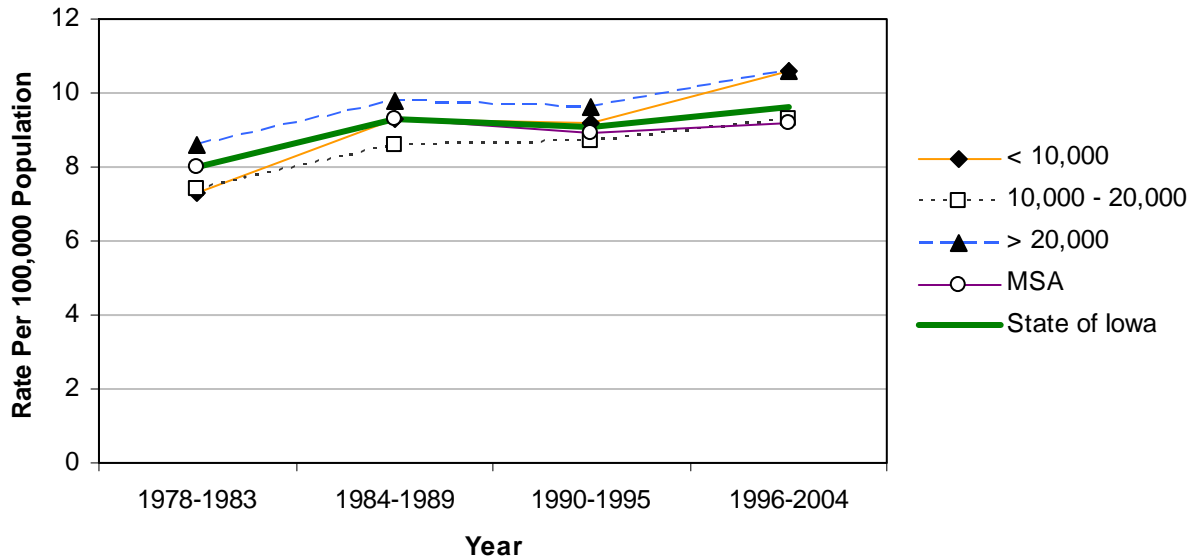
¹Rates per 100,000 population

²Adjusted to year 2000 population

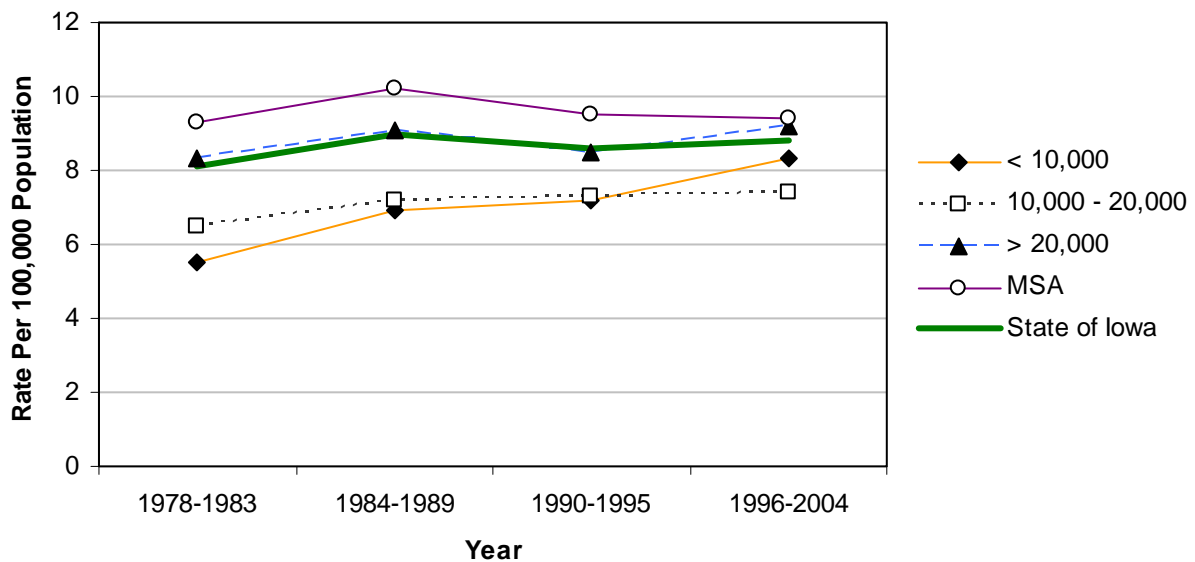
Source: State Health Registry of Iowa via NCI's SEER*Stat Program

Oral Cavity (Excluding Lip) Cancer Incidence by County Group 1978-2004

Crude Rates



Age-Adjusted Rates



Oral Cavity (Excluding Lip) Cancer Mortality 1996-2004

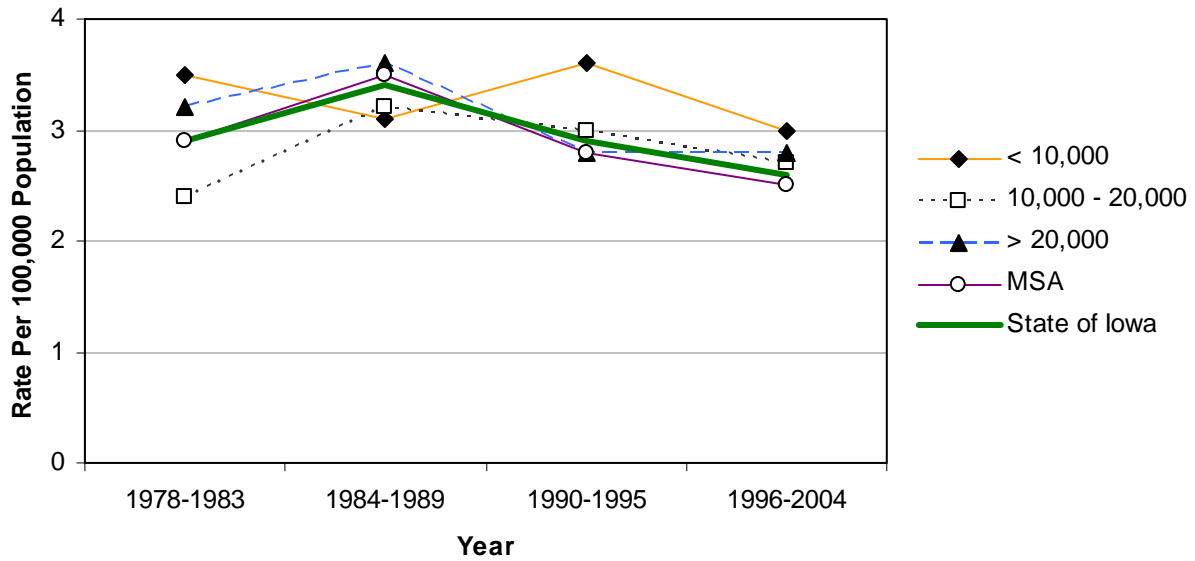
| | County | # | Crude ¹ | Adjusted ^{1,2} | County | # | Crude ¹ | Adjusted ^{1,2} | |
|---|--|------------|--------------------|-------------------------|---------------|------------|--------------------|-------------------------|-----|
| Counties with Average Population < 10,000 | Adair | * | * | * | Monona | 5 | 5.6 | 3.7 | |
| | Adams | * | * | * | Monroe | * | * | * | |
| | Audubon | * | * | * | Osceola | * | * | * | |
| | Clarke | * | * | * | Palo Alto | * | * | * | |
| | Davis | * | * | * | Pocahontas | * | * | * | |
| | Decatur | * | * | * | Ringgold | * | * | * | |
| | Fremont | * | * | * | Taylor | * | * | * | |
| | Howard | 5 | 5.6 | 4.1 | Van Buren | * | * | * | |
| | Ida | * | * | * | Wayne | * | * | * | |
| | Lucas | * | * | * | Worth | * | * | * | |
| | | | | | Total | 43 | 3.0 | 2.0 | |
| | Counties with Average Population 10,000 – 20,000 | Allamakee | 6 | 4.6 | 3.0 | Hardin | 7 | 4.2 | 2.6 |
| | | Appanoose | 7 | 5.7 | 5.3 | Humboldt | * | * | * |
| Butler | | 5 | 3.6 | 2.5 | Iowa | * | * | * | |
| Calhoun | | * | * | * | Jefferson | * | * | * | |
| Cass | | * | * | * | Keokuk | * | * | * | |
| Cedar | | * | * | * | Kossuth | 8 | 5.2 | 3.8 | |
| Cherokee | | * | * | * | Louisa | * | * | * | |
| Chickasaw | | * | * | * | Lyon | * | * | * | |
| Clay | | * | * | * | Mitchell | * | * | * | |
| Clayton | | 6 | 3.6 | 2.8 | Montgomery | * | * | * | |
| Crawford | | 8 | 5.3 | 4.2 | O'Brien | * | * | * | |
| Delaware | | * | * | * | Page | * | * | * | |
| Dickinson | | * | * | * | Poweshiek | * | * | * | |
| Emmet | | * | * | * | Sac | 9 | 8.7 | 5.6 | |
| Floyd | | * | * | * | Shelby | * | * | * | |
| Franklin | | 5 | 5.2 | 3.6 | Tama | * | * | * | |
| Greene | | 5 | 5.4 | 3.1 | Union | * | * | * | |
| Hamilton | | * | * | * | Winnebago | * | * | * | |
| Hancock | | * | * | * | Wright | * | * | * | |
| | | | | Total | 134 | 2.7 | 2.0 | | |
| Counties with Average Population > 20,000 | Boone | * | * | * | Lee | 10 | 2.9 | 2.3 | |
| | Buchanan | 5 | 2.6 | 2.3 | Mahaska | * | * | * | |
| | Buena Vista | * | * | * | Marion | 7 | 2.4 | 2.1 | |
| | Carroll | 7 | 3.6 | 2.3 | Marshall | 11 | 3.1 | 2.4 | |
| | Cerro Gordo | 19 | 4.6 | 3.5 | Muscatine | 5 | 1.3 | 1.3 | |
| | Clinton | 16 | 3.5 | 2.8 | Plymouth | 5 | 2.2 | 1.7 | |
| | Des Moines | 11 | 2.9 | 2.4 | Sioux | * | * | * | |
| | Fayette | * | * | * | Wapello | 13 | 4.0 | 3.2 | |
| | Henry | 6 | 3.3 | 3.1 | Webster | 15 | 4.2 | 3.3 | |
| | Jackson | * | * | * | Winneshiek | 7 | 3.7 | 3.3 | |
| | Jasper | 9 | 2.7 | 2.3 | Total | 162 | 2.8 | 2.3 | |
| MSA Counties | Benton | * | * | * | Linn | 36 | 2.1 | 2.1 | |
| | Black Hawk | 30 | 2.6 | 2.4 | Madison | 5 | 3.9 | 3.6 | |
| | Bremer | * | * | * | Mills | * | * | * | |
| | Dallas | 9 | 2.4 | 2.7 | Polk | 85 | 2.5 | 2.8 | |
| | Dubuque | 25 | 3.1 | 2.7 | Pottawattamie | 18 | 2.3 | 2.2 | |
| | Grundy | 8 | 7.2 | 5.9 | Scott | 40 | 2.8 | 2.9 | |
| | Guthrie | * | * | * | Story | 11 | 1.5 | 1.9 | |
| | Harrison | 7 | 5.0 | 4.2 | Warren | 7 | 1.9 | 2.0 | |
| | Johnson | 17 | 1.7 | 2.6 | Washington | 8 | 4.3 | 3.6 | |
| | Jones | * | * | * | Woodbury | 31 | 3.3 | 3.3 | |
| | | | | | Total | 348 | 2.5 | 2.5 | |
| | State Total | 687 | 2.6 | 2.3 | | | | | |

¹Rates per 100,000 population
²Adjusted to year 2000 population

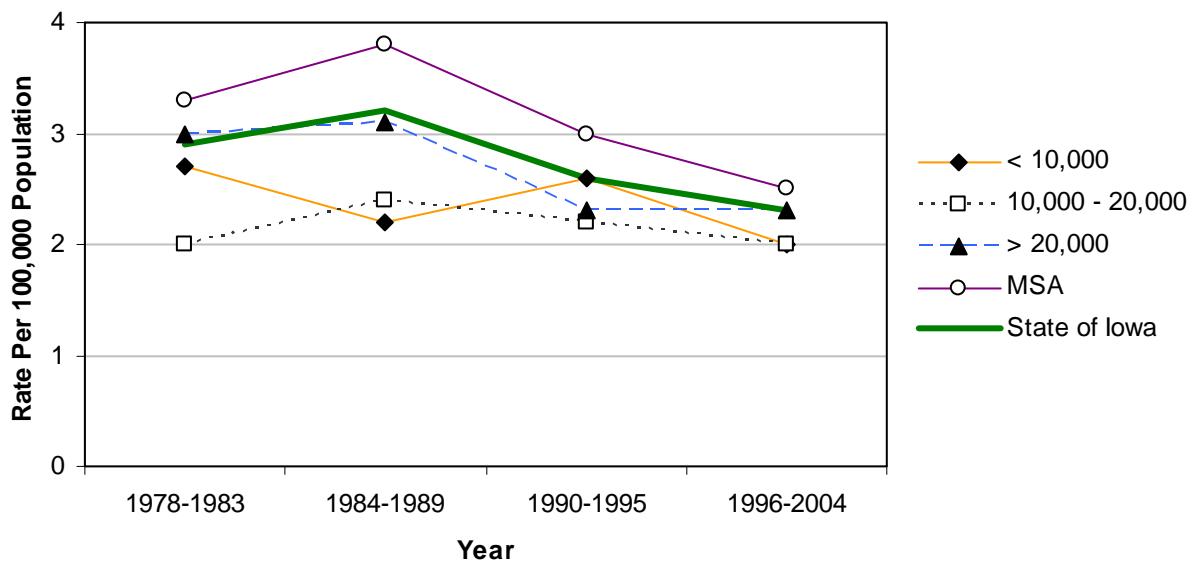
Source: State Health Registry of Iowa via NCI's SEER*Stat Program

Oral Cavity (Excluding Lip) Cancer Mortality by County Group 1978-2004

Crude Rates



Age-Adjusted Rates



Cervical Cancer Incidence 1996-2004

| | County | # | Crude ¹ | Adjusted ^{1,2} | County | # | Crude ¹ | Adjusted ^{1,2} | |
|---|--|----------------|--------------------|-------------------------|---------------|--------------|--------------------|-------------------------|------|
| Counties with Average Population < 10,000 | Adair | * | * | * | Monona | * | * | * | |
| | Adams | * | * | * | Monroe | * | * | * | |
| | Audubon | * | * | * | Osceola | * | * | * | |
| | Clarke | 6 | 14.5 | 15.8 | Palo Alto | * | * | * | |
| | Davis | * | * | * | Pocahontas | * | * | * | |
| | Decatur | * | * | * | Ringgold | * | * | * | |
| | Fremont | 5 | 13.7 | 15.0 | Taylor | * | * | * | |
| | Howard | * | * | * | Van Buren | * | * | * | |
| | Ida | * | * | * | Wayne | * | * | * | |
| | Lucas | 5 | 11.4 | 11.3 | Worth | 7 | 19.6 | 18.3 | |
| | | | | | Total | 67 | 9.2 | 8.9 | |
| | Counties with Average Population 10,000 – 20,000 | Allamakee | 5 | 7.6 | 7.1 | Hardin | 10 | 11.7 | 12.4 |
| | | Appanoose | 7 | 10.9 | 10.0 | Humboldt | * | * | * |
| Butler | | * | * | * | Iowa | 5 | 6.9 | 5.9 | |
| Calhoun | | * | * | * | Jefferson | 9 | 12.1 | 12.1 | |
| Cass | | 5 | 7.4 | 10.1 | Keokuk | 6 | 11.4 | 10.7 | |
| Cedar | | 8 | 9.7 | 9.2 | Kossuth | * | * | * | |
| Cherokee | | 5 | 8.4 | 7.7 | Louisa | * | * | * | |
| Chickasaw | | 8 | 13.6 | 12.9 | Lyon | * | * | * | |
| Clay | | 9 | 11.2 | 8.3 | Mitchell | * | * | * | |
| Clayton | | 7 | 8.3 | 8.4 | Montgomery | * | * | * | |
| Crawford | | 11 | 14.5 | 15.1 | O'Brien | 9 | 13.0 | 14.8 | |
| Delaware | | * | * | * | Page | 13 | 17.4 | 15.2 | |
| Dickinson | | 6 | 8.0 | 7.7 | Poweshiek | 10 | 11.3 | 10.6 | |
| Emmet | | 5 | 9.8 | 8.6 | Sac | 8 | 15.2 | 16.2 | |
| Floyd | | * | * | * | Shelby | * | * | * | |
| Franklin | | * | * | * | Tama | 5 | 6.1 | 6.6 | |
| Greene | | * | * | * | Union | 7 | 12.2 | 11.4 | |
| Hamilton | | 6 | 8.1 | 8.4 | Winnebago | * | * | * | |
| Hancock | | 5 | 9.1 | 8.5 | Wright | 7 | 10.7 | 11.2 | |
| | | | | | Total | 214 | 8.6 | 8.1 | |
| Counties with Average Population > 20,000 | Boone | 12 | 10.0 | 10.1 | Lee | 10 | 5.8 | 6.1 | |
| | Buchanan | 11 | 11.5 | 11.5 | Mahaska | 14 | 13.9 | 14.7 | |
| | Buena Vista | 11 | 12.0 | 12.6 | Marion | 6 | 4.1 | 4.2 | |
| | Carroll | 10 | 10.1 | 8.7 | Marshall | 17 | 9.5 | 8.1 | |
| | Cerro Gordo | 22 | 10.2 | 9.6 | Muscatine | 28 | 14.8 | 14.8 | |
| | Clinton | 17 | 7.3 | 7.5 | Plymouth | * | * | * | |
| | Des Moines | 13 | 6.6 | 5.8 | Sioux | 7 | 4.8 | 5.0 | |
| | Fayette | 9 | 9.0 | 7.7 | Wapello | 19 | 11.4 | 9.7 | |
| | Henry | 8 | 8.9 | 8.7 | Webster | 17 | 9.5 | 7.8 | |
| | Jackson | 6 | 6.5 | 6.6 | Winneshiek | 6 | 6.2 | 6.3 | |
| | Jasper | 9 | 5.4 | 5.6 | Total | 252-6 | 8.4-8.6 | 8.0-8.2 | |
| | MSA Counties | Benton | 12 | 10.4 | 11.0 | Linn | 77 | 8.8 | 8.6 |
| Black Hawk | | 47 | 7.9 | 8.3 | Madison | 7 | 10.9 | 10.2 | |
| Bremer | | * | * | * | Mills | 6 | 9.2 | 8.6 | |
| Dallas | | 15 | 7.9 | 7.7 | Polk | 157 | 9.0 | 8.8 | |
| Dubuque | | 30 | 7.3 | 7.4 | Pottawattamie | 41 | 10.2 | 10.1 | |
| Grundy | | * | * | * | Scott | 68 | 9.3 | 9.1 | |
| Guthrie | | 7 | 13.5 | 16.7 | Story | 26 | 7.5 | 8.6 | |
| Harrison | | 6 | 8.4 | 7.9 | Warren | 11 | 5.8 | 5.7 | |
| Johnson | | 28 | 5.6 | 6.4 | Washington | 7 | 7.2 | 6.5 | |
| Jones | | * | * | * | Woodbury | 48 | 10.1 | 10.4 | |
| | | | | | Total | 602 | 8.4 | 8.4 | |
| State Total | | 1,135-9 | 8.4-8.5 | 8.3-8.4 | | | | | |

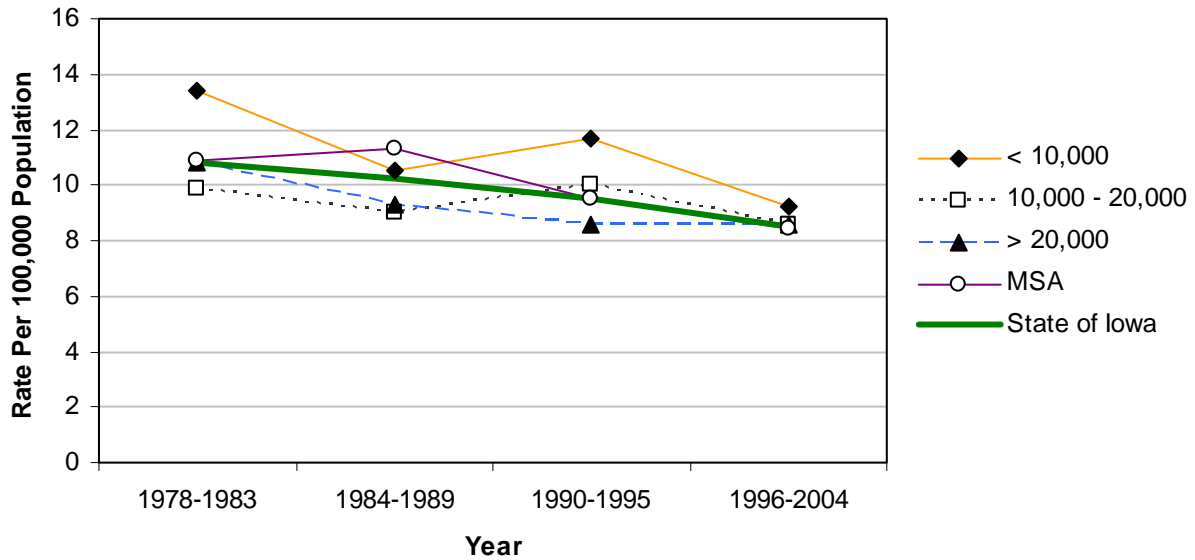
¹Rates per 100,000 population

²Adjusted to year 2000 population

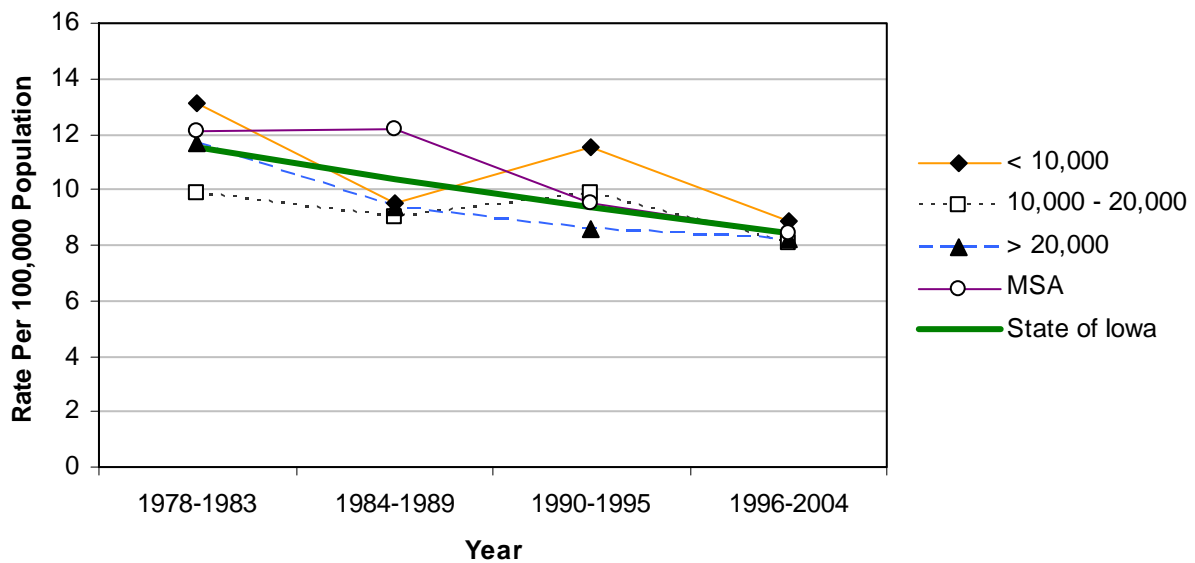
Source: State Health Registry of Iowa via NCI's SEER*Stat Program

Cervical Cancer Incidence by County Group 1978-2004

Crude Rates



Age-Adjusted Rates



Cervical Cancer Mortality 1996-2004

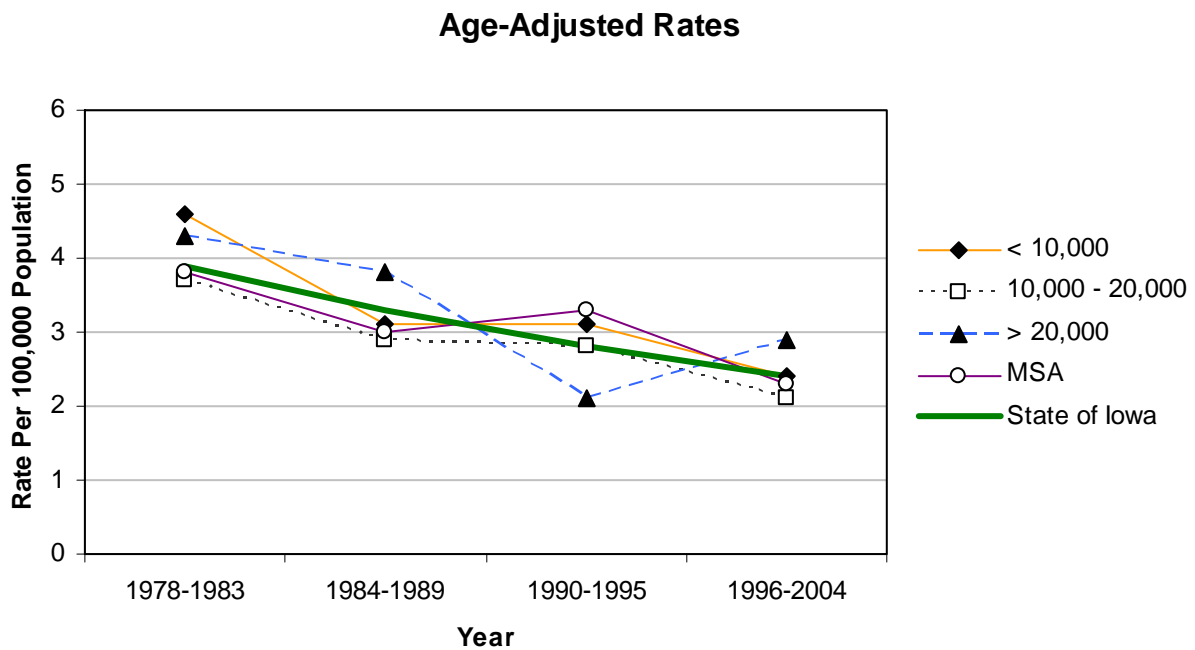
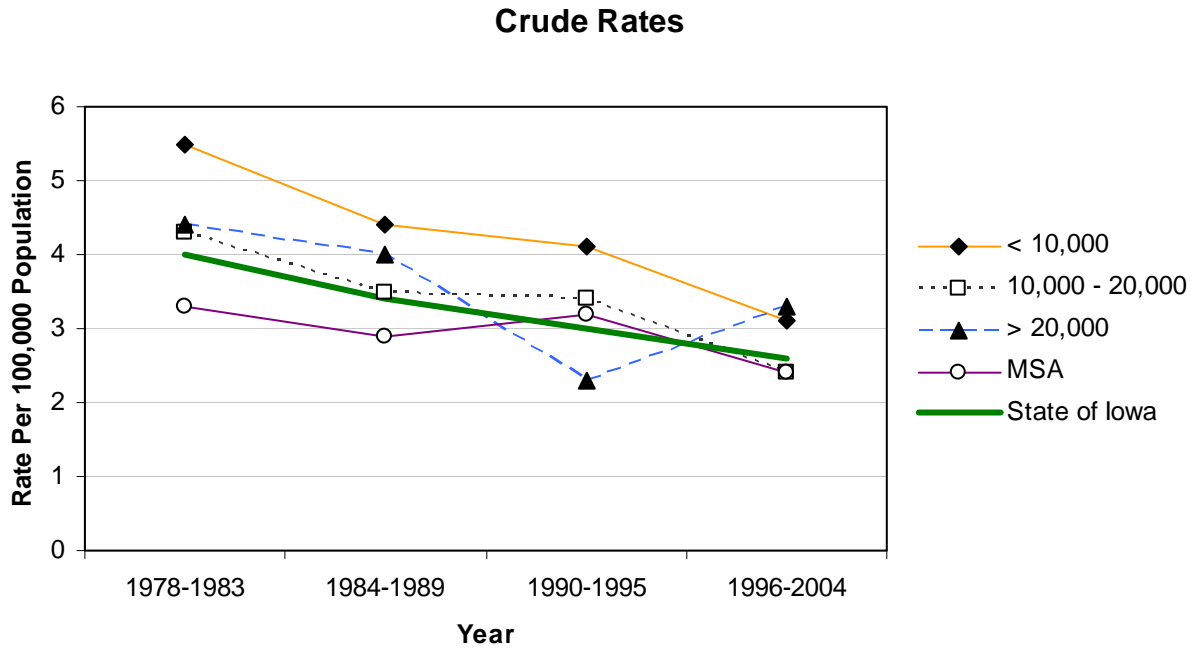
| | County | # | Crude ¹ | Adjusted ^{1,2} | County | # | Crude ¹ | Adjusted ^{1,2} | |
|---|--|------------|--------------------|-------------------------|---------------|------------|--------------------|-------------------------|-----|
| Counties with Average Population < 10,000 | Adair | * | * | * | Monona | * | * | * | |
| | Adams | * | * | * | Monroe | * | * | * | |
| | Audubon | * | * | * | Osceola | * | * | * | |
| | Clarke | * | * | * | Palo Alto | * | * | * | |
| | Davis | * | * | * | Pocahontas | * | * | * | |
| | Decatur | * | * | * | Ringgold | * | * | * | |
| | Fremont | * | * | * | Taylor | * | * | * | |
| | Howard | * | * | * | Van Buren | * | * | * | |
| | Ida | * | * | * | Wayne | * | * | * | |
| | Lucas | * | * | * | Worth | * | * | * | |
| | | | | | Total | 23 | 3.1 | 2.4 | |
| | Counties with Average Population 10,000 – 20,000 | Allamakee | * | * | * | Hardin | * | * | * |
| | | Appanoose | * | * | * | Humboldt | * | * | * |
| Butler | | * | * | * | Iowa | * | * | * | |
| Calhoun | | * | * | * | Jefferson | 6 | 8.0 | 7.2 | |
| Cass | | * | * | * | Keokuk | * | * | * | |
| Cedar | | * | * | * | Kossuth | * | * | * | |
| Cherokee | | * | * | * | Louisa | * | * | * | |
| Chickasaw | | * | * | * | Lyon | * | * | * | |
| Clay | | * | * | * | Mitchell | * | * | * | |
| Clayton | | * | * | * | Montgomery | * | * | * | |
| Crawford | | * | * | * | O'Brien | * | * | * | |
| Delaware | | * | * | * | Page | * | * | * | |
| Dickinson | | * | * | * | Poweshiek | * | * | * | |
| Emmet | | * | * | * | Sac | * | * | * | |
| Floyd | | * | * | * | Shelby | * | * | * | |
| Franklin | | * | * | * | Tama | * | * | * | |
| Greene | | * | * | * | Union | * | * | * | |
| Hamilton | | * | * | * | Winnebago | * | * | * | |
| Hancock | | * | * | * | Wright | 5 | 7.7 | 6.1 | |
| | | | | Total | 60 | 2.4 | 2.1 | | |
| Counties with Average Population > 20,000 | Boone | 6 | 5.0 | 4.9 | Lee | * | * | * | |
| | Buchanan | * | * | * | Mahaska | 9 | 8.9 | 8.8 | |
| | Buena Vista | 5 | 5.5 | 3.5 | Marion | * | * | * | |
| | Carroll | * | * | * | Marshall | 5 | 2.8 | 2.2 | |
| | Cerro Gordo | 11 | 5.1 | 4.2 | Muscatine | 9 | 4.7 | 4.3 | |
| | Clinton | * | * | * | Plymouth | * | * | * | |
| | Des Moines | 7 | 3.6 | 3.4 | Sioux | * | * | * | |
| | Fayette | * | * | * | Wapello | 10 | 6.0 | 4.5 | |
| | Henry | * | * | * | Webster | 5 | 2.8 | 2.1 | |
| | Jackson | * | * | * | Winneshiek | * | * | * | |
| | Jasper | * | * | * | Total | 99 | 3.3 | 2.9 | |
| | MSA Counties | Benton | * | * | * | Linn | 21 | 2.4 | 2.3 |
| Black Hawk | | 19 | 3.2 | 3.1 | Madison | * | * | * | |
| Bremer | | * | * | * | Mills | * | * | * | |
| Dallas | | * | * | * | Polk | 39 | 2.2 | 2.3 | |
| Dubuque | | 7 | 1.7 | 1.5 | Pottawattamie | 12 | 3.0 | 2.8 | |
| Grundy | | * | * | * | Scott | 26 | 3.6 | 3.3 | |
| Guthrie | | * | * | * | Story | 6 | 1.7 | 2.0 | |
| Harrison | | * | * | * | Warren | * | * | * | |
| Johnson | | 8 | 1.6 | 2.2 | Washington | * | * | * | |
| Jones | | * | * | * | Woodbury | 15 | 3.2 | 2.8 | |
| | | | | | Total | 171 | 2.4 | 2.3 | |
| State Total | 353 | 2.6 | 2.4 | | | | | | |

¹Rates per 100,000 population

²Adjusted to year 2000 population

Source: State Health Registry of Iowa via NCI's SEER*Stat Program

Cervical Cancer Mortality by County Group 1978-2004



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