

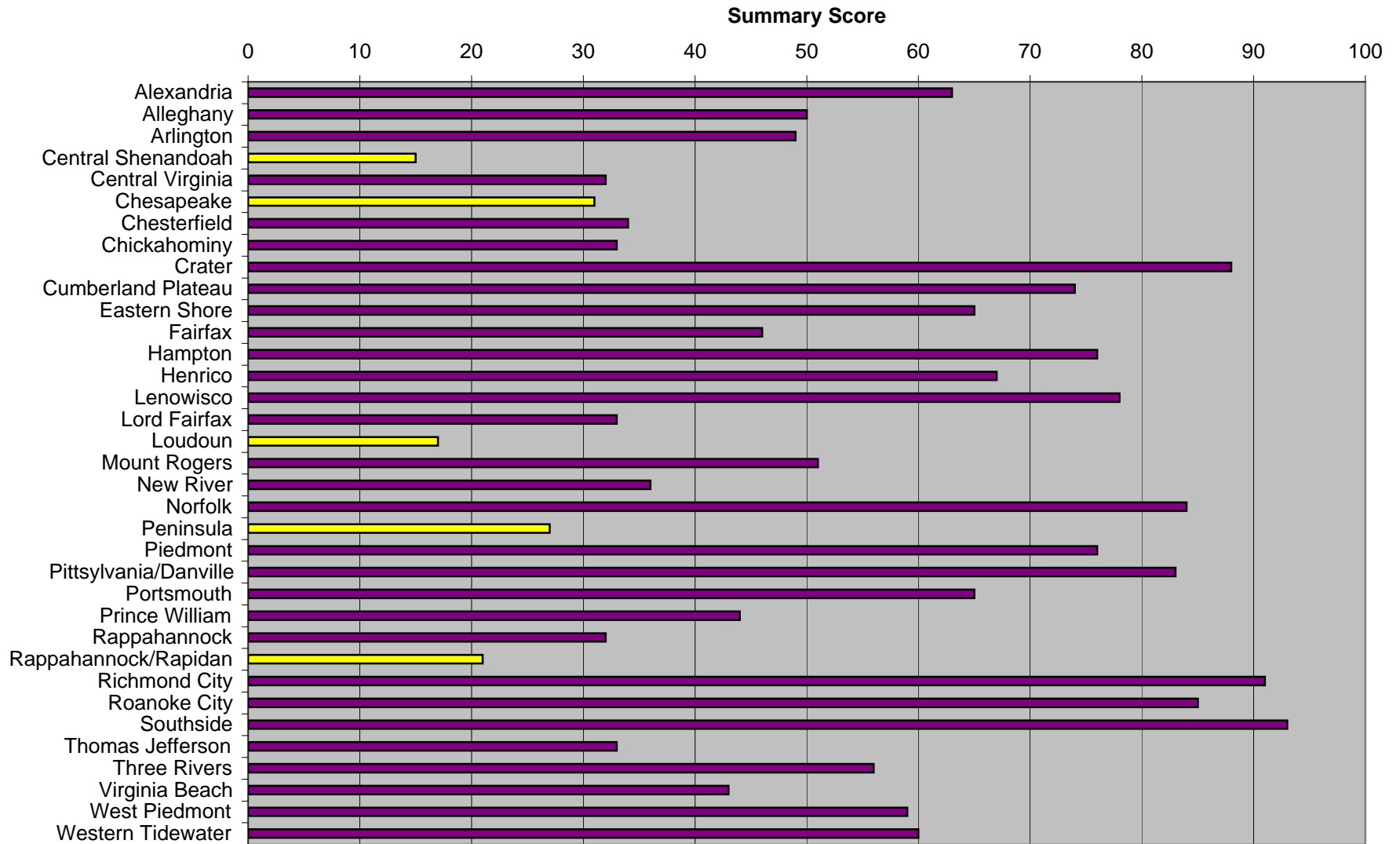
Melanoma (Skin Cancer) Statistics in Virginia

| Health District | Incidence ^{1,5} | | | Staging ² | | Mortality ³ | |
|-----------------------|--------------------------|------------------|------|----------------------|------|------------------------|------------------|
| | Count | Rate per 100,000 | Rank | Percent Local Stage | Rank | Count | Rate per 100,000 |
| Alexandria | 87 | 12.5 | 27 | 71.3% | 9 | 11 | ~ |
| Alleghany | 166 | 16.6 | 18 | 81.3% | 29 | 35 | 3.4 |
| Arlington | 161 | 16.9 | 16 | 72.7% | 11 | 19 | ~ |
| Central Shenandoah | 268 | 19.1 | 9 | 54.5% | 1 | 63 | 4.3 |
| Central Virginia | 230 | 17.9 | 13 | 62.6% | 2 | 46 | 3.4 |
| Chesapeake | 153 | 15.8 | 23 | 68.0% | 6 | 31 | 3.4 |
| Chesterfield | 325 | 22.9 | 4 | 78.2% | 24 | 40 | 2.8 |
| Chickahominy | 135 | 19.0 | 10 | 77.0% | 22 | 21 | ~ |
| Crater | 94 | 12.1 | 29 | 85.1% | 33 | 12 | ~ |
| Cumberland Plateau | 80 | 12.1 | 30 | 77.5% | 23 | 19 | ~ |
| Eastern Shore | 100 | 32.8 | 1 | 88.0% | 35 | 12 | ~ |
| Fairfax | 903 | 18.4 | 12 | 72.1% | 10 | 128 | 2.8 |
| Hampton | 104 | 15.2 | 24 | 84.6% | 32 | 16 | ~ |
| Henrico | 237 | 17.1 | 14 | 87.8% | 34 | 39 | 2.8 |
| Lenowisco | 50 | 9.2 | 34 | 74.0% | 16 | 20 | ~ |
| Lord Fairfax | 171 | 15.9 | 22 | 64.3% | 3 | 34 | 3.1 |
| Loudoun | 202 | 23.0 | 3 | 66.8% | 5 | 13 | ~ |
| Mount Rogers | 180 | 16.2 | 19 | 78.9% | 25 | 45 | 3.9 |
| New River | 131 | 17.0 | 15 | 74.0% | 17 | 26 | 3.3 |
| Norfolk | 124 | 12.3 | 28 | 75.0% | 21 | 27 | 2.7 |
| Peninsula | 297 | 19.2 | 8 | 71.0% | 8 | 49 | 3.2 |
| Piedmont | 71 | 12.8 | 26 | 74.6% | 20 | 15 | ~ |
| Pittsylvania/Danville | 102 | 16.0 | 21 | 82.4% | 30 | 22 | ~ |
| Portsmouth | 50 | 9.8 | 33 | 70.0% | 7 | 13 | ~ |
| Prince William | 219 | 16.7 | 17 | 73.1% | 13 | 21 | ~ |
| Rappahannock | 239 | 19.4 | 6 | 73.2% | 14 | 44 | 3.6 |
| Rappahannock/Rapidan | 154 | 19.4 | 7 | 64.9% | 4 | 34 | 4.2 |
| Richmond City | 100 | 10.0 | 32 | 80.0% | 26 | 12 | ~ |
| Roanoke City | 55 | 10.3 | 31 | 83.6% | 31 | 15 | ~ |
| Southside | 46 | 8.4 | 35 | 80.4% | 27 | 10 | ~ |
| Thomas Jefferson | 243 | 22.5 | 5 | 72.8% | 12 | 27 | 2.5 |
| Three Rivers | 139 | 16.1 | 20 | 74.1% | 18 | 31 | 3.3 |
| Virginia Beach | 456 | 23.7 | 2 | 80.7% | 28 | 53 | 2.8 |
| West Piedmont | 120 | 14.2 | 25 | 74.2% | 19 | 21 | ~ |
| Western Tidewater | 127 | 19.0 | 11 | 73.2% | 15 | 20 | ~ |
| Virginia | 6,319 | 17.1 | | 73.9% | | 1,044 | 2.8 |
| Nationwide | | 19.4 | | 81% | | | 2.7 |

Melanoma (Skin Cancer) Statistics in Virginia

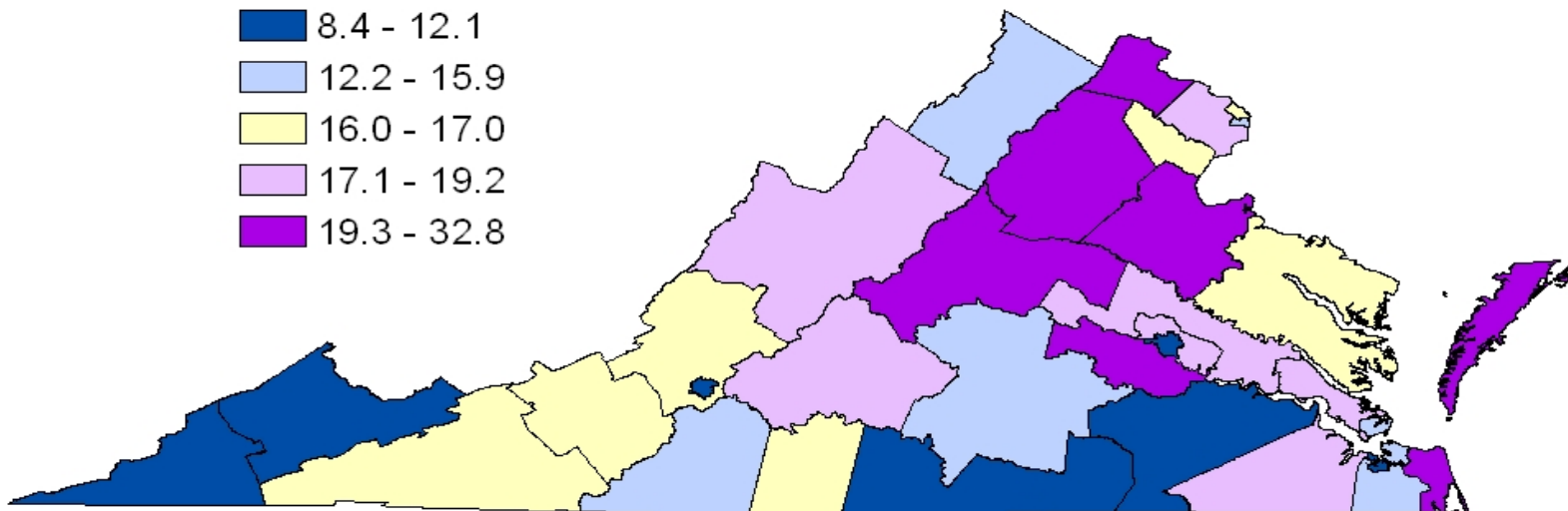
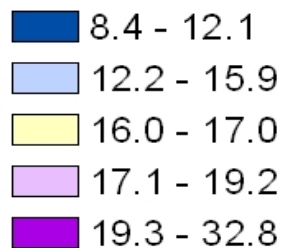
| Health District | Risk Factor: Sunburn ⁴ | | | Summary Score ⁶ | Summary Score Rank |
|-----------------------|-----------------------------------|-------------|------|----------------------------|--------------------|
| | Prevalence | 95% CI | Rank | | |
| Alexandria | 29.0% | 21.9 - 37.2 | 27 | 63 | 22 |
| Alleghany | 44.7% | 35.7 - 54.1 | 3 | 50 | 17 |
| Arlington | 30.4% | 23.1 - 39.0 | 22 | 49 | 16 |
| Central Shenandoah | 42.8% | 34.0 - 52.0 | 5 | 15 | 1 |
| Central Virginia | 33.6% | 25.9 - 42.2 | 17 | 32 | 7 |
| Chesapeake | 44.9% | 34.4 - 55.8 | 2 | 31 | 5 |
| Chesterfield | 41.3% | 33.0 - 50.1 | 6 | 34 | 11 |
| Chickahominy | 48.6% | 39.3 - 58.0 | 1 | 33 | 8 |
| Crater | 29.6% | 21.5 - 39.3 | 26 | 88 | 33 |
| Cumberland Plateau | 31.6% | 24.1 - 40.2 | 21 | 74 | 26 |
| Eastern Shore | 25.3% | 17.9 - 34.4 | 29 | 65 | 24 |
| Fairfax | 30.0% | 21.9 - 39.5 | 24 | 46 | 15 |
| Hampton | 32.0% | 24.4 - 40.6 | 20 | 76 | 27 |
| Henrico | 33.0% | 25.0 - 42.2 | 19 | 67 | 25 |
| Lenowisco | 28.8% | 21.2 - 37.7 | 28 | 78 | 29 |
| Lord Fairfax | 39.9% | 31.6 - 49.0 | 8 | 33 | 9 |
| Loudoun | 39.8% | 31.7 - 48.5 | 9 | 17 | 2 |
| Mount Rogers | 41.1% | 32.3 - 50.5 | 7 | 51 | 18 |
| New River | 42.9% | 34.1 - 52.1 | 4 | 36 | 12 |
| Norfolk | 21.2% | 13.1 - 32.6 | 35 | 84 | 31 |
| Peninsula | 39.1% | 30.5 - 48.4 | 11 | 27 | 4 |
| Piedmont | 25.2% | 17.8 - 34.3 | 30 | 76 | 28 |
| Pittsylvania/Danville | 24.3% | 17.7 - 32.3 | 32 | 83 | 30 |
| Portsmouth | 29.8% | 23.6 - 36.9 | 25 | 65 | 23 |
| Prince William | 36.7% | 28.8 - 45.4 | 14 | 44 | 14 |
| Rappahannock | 38.9% | 29.8 - 48.7 | 12 | 32 | 6 |
| Rappahannock/Rapidan | 39.2% | 31.3 - 47.9 | 10 | 21 | 3 |
| Richmond City | 24.0% | 16.9 - 33.0 | 33 | 91 | 34 |
| Roanoke City | 30.4% | 22.3 - 39.8 | 23 | 85 | 32 |
| Southside | 24.6% | 17.5 - 33.4 | 31 | 93 | 35 |
| Thomas Jefferson | 33.7% | 25.7 - 42.9 | 16 | 33 | 10 |
| Three Rivers | 33.5% | 25.0 - 43.2 | 18 | 56 | 19 |
| Virginia Beach | 36.9% | 28.9 - 45.8 | 13 | 43 | 13 |
| West Piedmont | 35.7% | 27.5 - 44.9 | 15 | 59 | 20 |
| Western Tidewater | 23.1% | 15.3 - 33.2 | 34 | 60 | 21 |
| Virginia | 34.9% | 33.1 - 36.7 | | | |
| Nationwide | 33.7% | | | | |

Melanoma Summary Score by Local Health District



Cancer Incidence Rate by Health District, Melanoma, 2001-2005

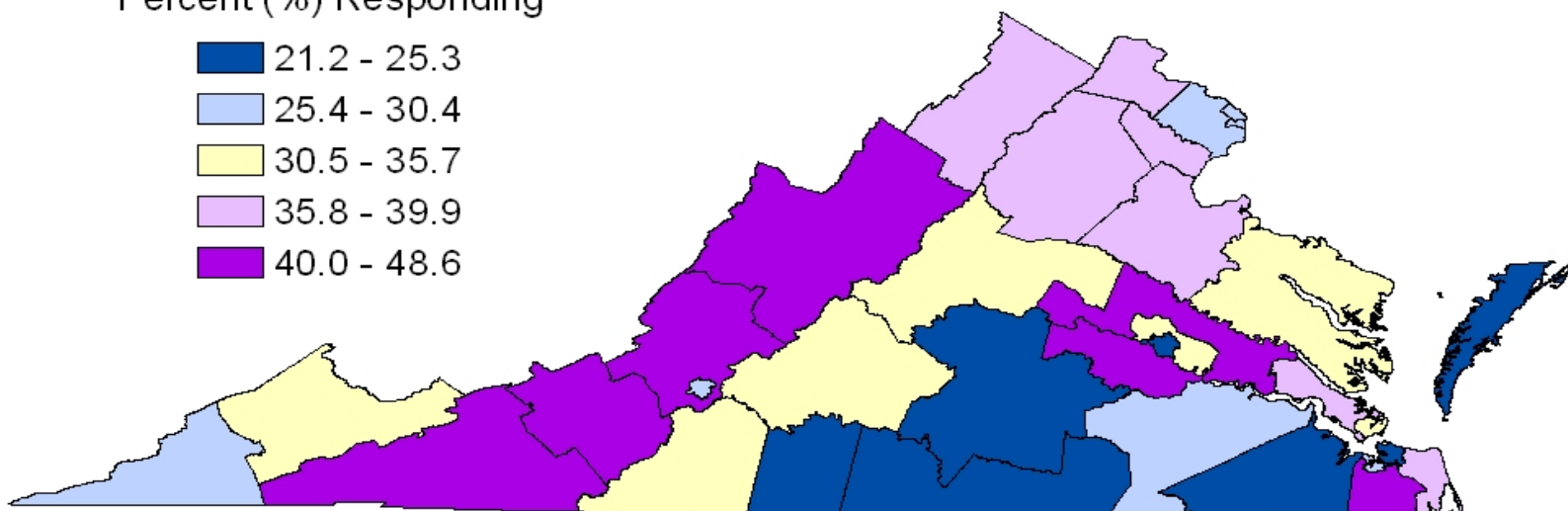
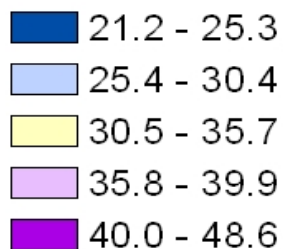
Age-Adjusted Rate (per 100,000)



Source: Virginia Cancer Registry, Virginia Department of Health.
Rates are age-adjusted to the 2000 U.S. standard population.

Previous Sunburn in the Past Twelve Months by Health District, Adults 18 and Older, Virginia, 2004

Percent (%) Responding



Source: Virginia Behavioral Risk Factor Surveillance System. Percentages are weighted.

Melanoma (Skin Cancer) Statistics in Virginia - Notes

Sources: Incidence, percent local staging (VA Cancer Registry, 2001-2005), mortality (VA Center for Health Statistics, 2002-2006); risk factor prevalence (Behavioral Risk Factor Surveillance System, 2004).

¹ Age-adjusted rates are reported and adjusted to the 2000 U.S. standard population. National rate comes from SEER (2001-2005) data. Districts are ranked in terms of incidence rates from highest (=1) to lowest (=35). Districts with low rankings (i.e., high incidence rates) are at greater risk.

² Percent of Local Stage cancers reported using the Summary Staging System. National average comes from SEER 2001-2005 data. Districts are ranked in terms of percentage of cases diagnosed early (local) from lowest (=1) to highest (=35). Districts with low rankings (i.e., low early stage percentages) are at greater risk.

³ Mortality rate is age-adjusted using the 2000 Standard Population. National rate comes from SEER (2001-2005) data. Districts are ranked in terms of mortality rates from highest (=1) to lowest (=35). Districts with lower rankings (i.e., high mortality rates) are at greater risk.

~ Incidence rate and/or percentage diagnosed at local stage is not reported if less than 16 cases, and is not computed if less than 11 cases. Mortality rate not calculated due to having 25 or fewer cases. Death count is not reported if less than 5.

⁴ Behavioral Risk Factor Surveillance System is a national telephone survey of adults 18+. State and national rates are based on 2006 data. Districts are ranked in terms of prevalence rates of sunburn from highest (=1) to lowest (=35). District with low rankings (i.e., high sunburn rates) are at greater risk.

Sunburn = Percent of adults age 18 years and older reporting having a sunburn within the past 12 months. National rate based on 2004 BRFSS data.

⁵ Incidence rate for certain districts (e.g., Lenowisco, Cumberland Plateau, Lord Fairfax) may be low due to underreporting. Use caution when interpreting the rate.

⁶ Summary score is computed by adding rank score for incidence, local staging, and screening prevalence (sunburn). Lower score indicates higher risk. Top five districts with the highest risk (i.e., lowest summary score) are highlighted in **bold red** font.

Maps illustrate rate and percentages in quantiles.