

F. Melanoma of the Skin

There are three major types of skin cancer: basal cell carcinoma, squamous cell carcinoma, and melanoma. Basal cell and squamous cell carcinoma are the most common forms of skin cancer. Melanoma is the rarest and most serious type of skin cancer (NCI, PDQ).

Incidence (New Cases)

In 2001, a total of 991 persons in Maryland were diagnosed with melanoma of the skin. The age-adjusted incidence rate for melanoma for 2001 is 18.6 per 100,000 population (17.4-19.8, 95% C.I.). The Maryland rate is similar to the 2001 U.S. SEER age-adjusted incidence rate of 18.7 per 100,000 population for melanoma.

Mortality (Deaths)

In 2001, a total of 137 persons died of melanoma in Maryland. The age-adjusted mortality rate for melanoma in Maryland is 2.7 per 100,000 population (2.2-3.2, 95% C.I.). This rate is the same as the 2001 U.S. melanoma mortality rate of 2.7 per 100,000 population. Maryland is ranked 38th for melanoma mortality among the states and the District of Columbia for the period 1997-2001.

Table 56.
Melanoma Incidence and Mortality Rates
by Gender and Race, Maryland and the United States, 2001

| <i>Incidence 2001</i> | <i>Total</i> | <i>Males</i> | <i>Females</i> | <i>Whites</i> | <i>Blacks</i> |
|-----------------------|--------------|--------------|----------------|---------------|---------------|
| New Cases (#) | 991 | 561 | 430 | 856 | 16 |
| Incidence Rate* | 18.6 | 23.7 | 14.9 | 22.4 | ** |
| U.S. SEER Rate* | 18.7 | 23.1 | 15.6 | 22.6 | - |
| <i>Mortality 2001</i> | <i>Total</i> | <i>Males</i> | <i>Females</i> | <i>Whites</i> | <i>Blacks</i> |
| MD Deaths (#) | 137 | 86 | 51 | 129 | s |
| MD Mortality Rate* | 2.7 | 3.9 | 1.7 | 3.3 | ** |
| U.S. Mortality Rate* | 2.7 | 3.9 | 1.7 | 3.0 | 0.4 |

* Rates are per 100,000 and are age-adjusted to 2001 U.S. standard population

** Rates based on cells with 25 or fewer non-zero cases are not presented per DHMH/MCR Data Use Policy

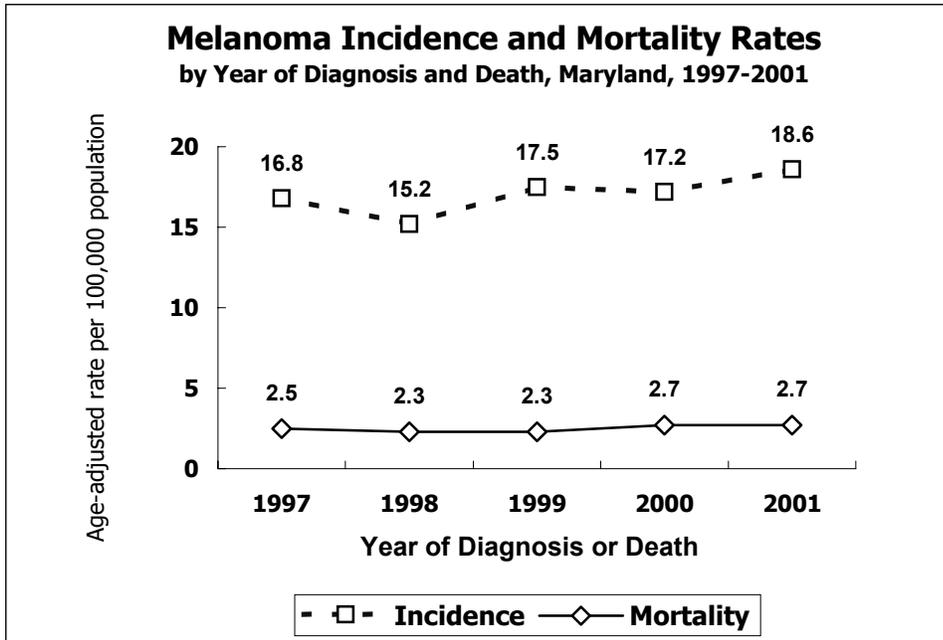
- : Statistic not shown. Rate based on less than 25 cases

s=Number was suppressed to ensure confidentiality of cell in other column

Source: Maryland Cancer Registry, 2001

Maryland Division of Health Statistics, 2001

SEER, National Cancer Institute, 2001

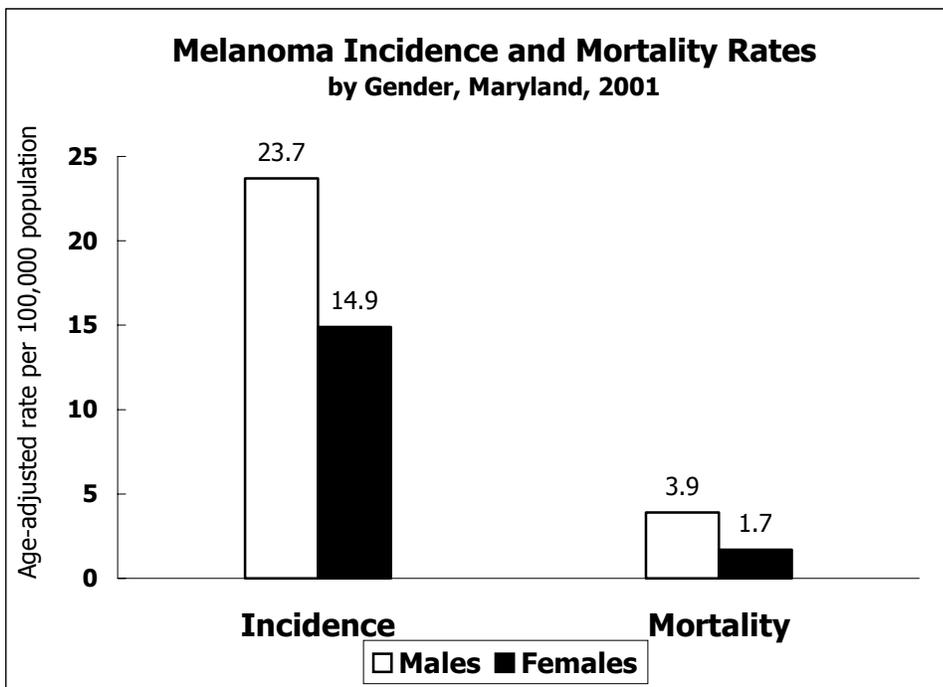


Trend

Melanoma incidence rates have increased an average of 3.3% per year from 1997 to 2001 in Maryland.

Melanoma mortality rates increased an average of 3.2% per year in Maryland from 1997 to 2001.

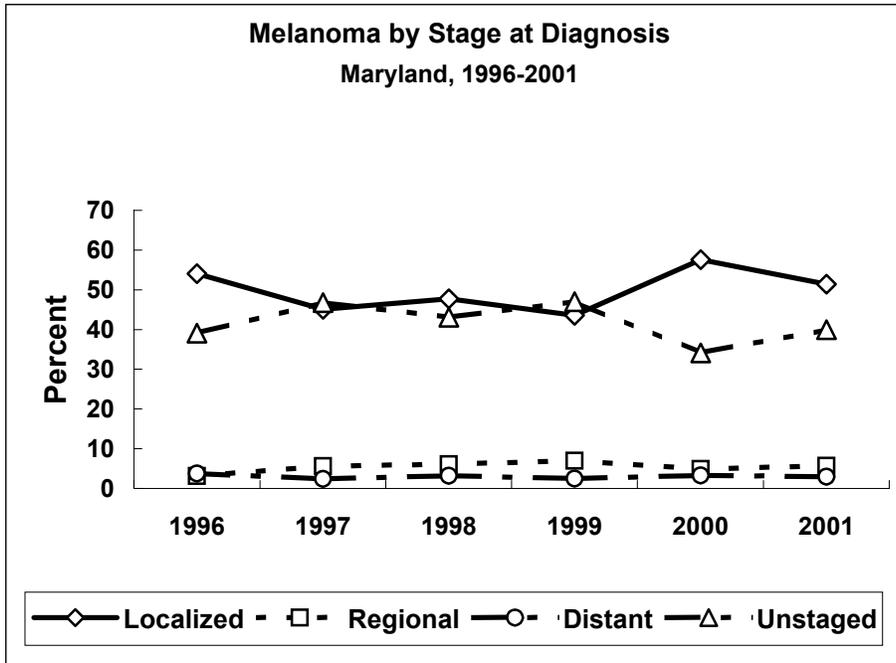
Rates are age-adjusted to 2000 U.S. standard population
Maryland Cancer Registry, 1997-2001
Maryland Division of Health Statistics, 1997-2001



Gender-Specific Rates

Males had statistically significantly higher incidence and mortality rates for melanoma than females. The mortality rate was more than double for males than for females.

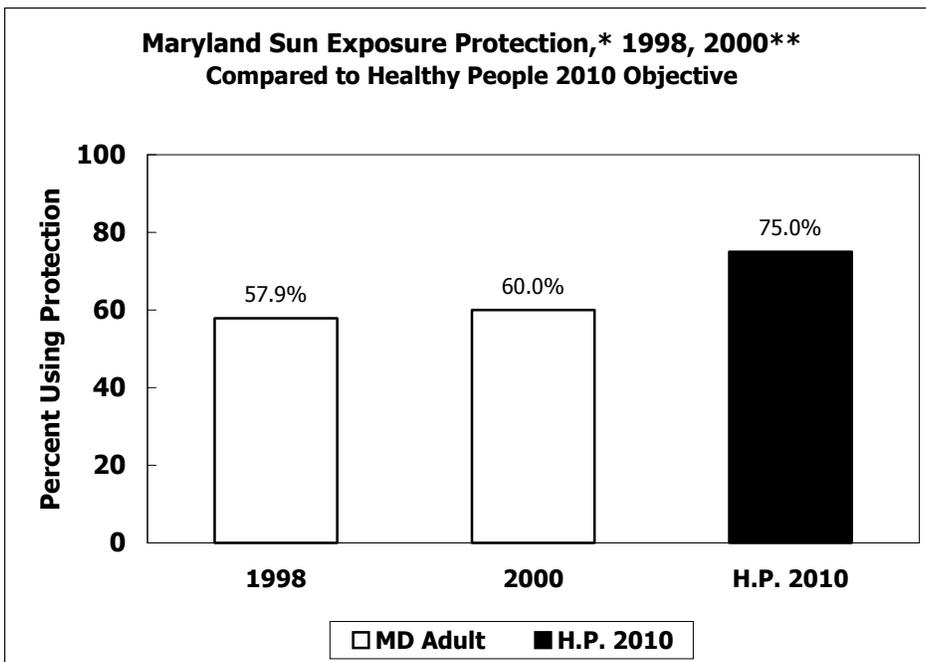
Rates are age-adjusted to 2000 U.S. standard population
Maryland Cancer Registry, 2001
Maryland Division of Health Statistics, 2001



Stage at Diagnosis

Of the 991 melanoma cases diagnosed in 2001, 51.4% were detected at the localized (early) stage. This compares to 54.1% in 1996. These numbers may be underrepresented due to the high percent of unstaged melanoma (40.0% in 2001; 39.1% in 1996).

Maryland Cancer Registry, 1996-2001



Healthy People Objectives

The Healthy People 2010 objective is to increase to 75% the percentage of persons 18 years and older who use at least one of the following measures that may reduce the risk of skin cancer: avoid sun between 10 a.m. and 4 p.m.; wear sun-protective clothing when exposed to sunlight; use sunscreen with a sun protective factor of 15 or higher; and avoid artificial sources of ultraviolet light (e.g., tanning booths).

* Sun Exposure Protection means percent of adults who report “always” or “nearly always” using one or more of the following: a) avoid sun between 10 a.m. and 4 p.m., b) wear sun-protective clothing when exposed to sunlight, c) use sunscreen with a sun protective factor of 15 or higher; the BRFSS survey does not include tanning booths.

** Adult 18 year

BRFSS, Maryland DHMH Office of Surveillance and Assessment, 1998, 2000
 Healthy People 2010, U.S. Department of Health and Human Services, 2000

Public Health Evidence (quoted from NCI, PDQ, 5/26/2004 and 7/13/2004 and USPSTF 4/2001)

Primary Prevention

Based on poor evidence, avoidance of sunburns, especially in childhood and adolescence, may reduce the incidence of melanoma. Sunburn can be avoided by reducing exposure to high-intensity ultraviolet (UV) radiation (e.g., sunlight, tanning booths), by wearing protective clothing when exposed to sunlight, and by using adequate amounts of sufficiently protective sunscreen. Sunscreen is *not* a substitute for the avoidance of sun exposure and there have been conflicting reports as to the direction of effect of sunscreen use on the risk of developing melanoma.

Based on fair evidence, reduction of exposure to UV radiation may reduce the incidence of non-melanoma skin cancer (basal cell and squamous cell cancer).

Screening

The United States Preventive Services Task Force concludes that the evidence is insufficient to recommend for or against routine screening for skin cancer using a total-body skin examination for the early detection of cutaneous melanoma, basal cell cancer, or squamous cell skin cancer.

| Public Health Intervention for Skin Cancer |
|--|
| Reduction of exposure to UV light by: <ul style="list-style-type: none">➤ Avoiding sun exposure, especially between 10 a.m. and 4 p.m.➤ Wearing sun-protective hat and clothing when exposed to sunlight➤ Using sunscreens with a SPF of 15 or higher➤ Avoiding artificial sources of UV light (e.g., tanning booths) |

Table 57.
Number of Melanoma Cases
by Jurisdiction, Gender and Race, Maryland, 2001

| Jurisdiction | Total | Gender | | Race | | | |
|------------------|-------|--------|---------|--------|--------|-------|---------|
| | | Males | Females | Whites | Blacks | Other | Unknown |
| Maryland | 991 | 561 | 430 | 856 | 16 | 12 | 107 |
| Allegany | 15 | 7 | 8 | 15 | 0 | 0 | 0 |
| Anne Arundel | 110 | 69 | 41 | 88 | <6 | <6 | 19 |
| Baltimore City | 61 | 28 | 33 | 53 | <6 | <6 | <6 |
| Baltimore County | 221 | 121 | 100 | 209 | <6 | 0 | s |
| Calvert | 11 | s | <6 | s | 0 | 0 | <6 |
| Caroline | 11 | s | <6 | s | 0 | 0 | <6 |
| Carroll | 37 | 24 | 13 | s | 0 | 0 | <6 |
| Cecil | 16 | 9 | 7 | s | 0 | 0 | <6 |
| Charles | 14 | s | <6 | s | <6 | 0 | 0 |
| Dorchester | 9 | s | <6 | s | <6 | 0 | 0 |
| Frederick | 47 | 32 | 15 | s | 0 | 0 | <6 |
| Garrett | <6 | <6 | <6 | <6 | 0 | 0 | 0 |
| Harford | 51 | 23 | 28 | s | 0 | 0 | <6 |
| Howard | 52 | 30 | 22 | 46 | <6 | <6 | <6 |
| Kent | 6 | <6 | <6 | 6 | 0 | 0 | 0 |
| Montgomery | 134 | 65 | 69 | 98 | <6 | <6 | 31 |
| Prince George's | 44 | 27 | 17 | 30 | 7 | 0 | 7 |
| Queen Anne's | 13 | s | <6 | s | 0 | 0 | <6 |
| Saint Mary's | 16 | 9 | 7 | s | 0 | 0 | <6 |
| Somerset | <6 | <6 | <6 | <6 | 0 | 0 | 0 |
| Talbot | 15 | 8 | 7 | s | 0 | <6 | <6 |
| Washington | 36 | 19 | 17 | s | <6 | 0 | <6 |
| Wicomico | 45 | 26 | 19 | 45 | 0 | 0 | 0 |
| Worcester | 15 | 9 | 6 | 10 | 0 | <6 | <6 |
| Unknown | <6 | <6 | <6 | <6 | 0 | 0 | <6 |

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Cells with 5 or fewer non-zero cases are not presented per DHMH/MCR Data Use Policy

Source: Maryland Cancer Registry, 2001

**Table 58.
Melanoma Age-Adjusted Incidence Rates*
by Jurisdiction, Gender and Race, Maryland, 2001**

| Jurisdiction | Total | Gender | | Race | | |
|------------------|-------|--------|---------|--------|--------|-------|
| | | Males | Females | Whites | Blacks | Other |
| Maryland | 18.6 | 23.7 | 14.9 | 22.4 | ** | ** |
| Allegany | ** | ** | ** | ** | 0.0 | 0.0 |
| Anne Arundel | 22.2 | 30.4 | 15.8 | 20.8 | ** | ** |
| Baltimore City | 9.3 | 11.0 | 8.7 | 20.1 | ** | ** |
| Baltimore County | 26.5 | 32.8 | 22.1 | 30.6 | ** | 0.0 |
| Calvert | ** | ** | ** | ** | 0.0 | 0.0 |
| Caroline | ** | ** | ** | ** | 0.0 | 0.0 |
| Carroll | 23.5 | ** | ** | 21.1 | 0.0 | 0.0 |
| Cecil | ** | ** | ** | ** | 0.0 | 0.0 |
| Charles | ** | ** | ** | ** | ** | 0.0 |
| Dorchester | ** | ** | ** | ** | ** | 0.0 |
| Frederick | 24.9 | 35.9 | ** | 24.9 | 0.0 | 0.0 |
| Garrett | ** | ** | 0.0 | ** | 0.0 | 0.0 |
| Harford | 24.6 | ** | 25.4 | 26.4 | 0.0 | 0.0 |
| Howard | 22.5 | 29.4 | ** | 25.1 | ** | ** |
| Kent | ** | ** | ** | ** | 0.0 | 0.0 |
| Montgomery | 15.0 | 16.0 | 14.2 | 14.7 | ** | ** |
| Prince George's | 6.1 | 8.7 | ** | 11.6 | ** | 0.0 |
| Queen Anne's | ** | ** | ** | ** | 0.0 | 0.0 |
| Saint Mary's | ** | ** | ** | ** | 0.0 | 0.0 |
| Somerset | ** | ** | ** | ** | 0.0 | 0.0 |
| Talbot | ** | ** | ** | ** | 0.0 | ** |
| Washington | 25.4 | ** | ** | 25.7 | ** | 0.0 |
| Wicomico | 53.1 | 65.6 | ** | 68.5 | 0.0 | 0.0 |
| Worcester | ** | ** | ** | ** | 0.0 | ** |

* Rates are per 100,000 and are age-adjusted to 2000 U.S. standard population

** Rates based on cells with 25 or fewer non-zero cases are not presented per DHMH/MCR Data Use Policy

Source: Maryland Cancer Registry, 2001

Table 59.
Number of Melanoma Deaths
by Jurisdiction, Gender and Race, Maryland, 2001

| Jurisdiction | Total | Gender | | Race | | |
|------------------|-------|--------|---------|--------|--------|-------|
| | | Males | Females | Whites | Blacks | Other |
| Maryland | 137 | 86 | 51 | 129 | s | <6 |
| Allegany | 6 | <6 | <6 | 6 | 0 | 0 |
| Anne Arundel | 14 | s | <6 | 14 | 0 | 0 |
| Baltimore City | 12 | <6 | s | 12 | 0 | 0 |
| Baltimore County | 18 | s | <6 | s | <6 | 0 |
| Calvert | <6 | <6 | <6 | <6 | 0 | 0 |
| Caroline | <6 | <6 | <6 | <6 | 0 | 0 |
| Carroll | 8 | s | 0 | 8 | 0 | 0 |
| Cecil | <6 | <6 | <6 | <6 | 0 | 0 |
| Charles | <6 | <6 | <6 | <6 | 0 | 0 |
| Dorchester | <6 | <6 | 0 | <6 | 0 | 0 |
| Frederick | 6 | <6 | <6 | 6 | 0 | 0 |
| Garrett | 0 | 0 | 0 | 0 | 0 | 0 |
| Harford | <6 | <6 | <6 | <6 | 0 | 0 |
| Howard | <6 | <6 | <6 | <6 | 0 | 0 |
| Kent | <6 | <6 | <6 | <6 | 0 | 0 |
| Montgomery | 26 | 18 | 8 | 23 | <6 | <6 |
| Prince George's | 6 | <6 | <6 | <6 | <6 | 0 |
| Queen Anne's | <6 | <6 | 0 | <6 | 0 | 0 |
| Saint Mary's | <6 | <6 | <6 | <6 | 0 | 0 |
| Somerset | 0 | 0 | 0 | 0 | 0 | 0 |
| Talbot | <6 | <6 | <6 | <6 | 0 | 0 |
| Washington | <6 | <6 | 0 | <6 | 0 | 0 |
| Wicomico | <6 | <6 | <6 | <6 | 0 | 0 |
| Worcester | <6 | <6 | 0 | <6 | 0 | 0 |

s=Number was suppressed to ensure confidentiality of cell in other column
Cells with 5 or fewer non-zero cases are not presented per DHMH/MCR Data Use Policy
Source: Maryland Division of Health Statistics, 2001

Table 60.
Melanoma Age-Adjusted Mortality Rates*
by Jurisdiction, Gender and Race, Maryland, 2001

| Jurisdiction | Total | Gender | | Race | | |
|------------------|-------|--------|---------|--------|--------|-------|
| | | Males | Females | Whites | Blacks | Other |
| Maryland | 2.7 | 3.9 | 1.7 | 3.3 | ** | ** |
| Allegany | ** | ** | ** | ** | 0.0 | 0.0 |
| Anne Arundel | ** | ** | ** | ** | 0.0 | 0.0 |
| Baltimore City | ** | ** | ** | ** | 0.0 | 0.0 |
| Baltimore County | ** | ** | ** | ** | ** | 0.0 |
| Calvert | ** | ** | ** | ** | 0.0 | 0.0 |
| Caroline | ** | ** | ** | ** | 0.0 | 0.0 |
| Carroll | ** | ** | ** | ** | 0.0 | 0.0 |
| Cecil | ** | ** | ** | ** | 0.0 | 0.0 |
| Charles | ** | ** | ** | ** | 0.0 | 0.0 |
| Dorchester | ** | ** | ** | ** | 0.0 | 0.0 |
| Frederick | ** | ** | ** | ** | 0.0 | 0.0 |
| Garrett | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Harford | ** | ** | ** | ** | 0.0 | 0.0 |
| Howard | ** | ** | ** | ** | 0.0 | 0.0 |
| Kent | ** | ** | ** | ** | 0.0 | 0.0 |
| Montgomery | 3.1 | ** | ** | ** | ** | ** |
| Prince George's | ** | ** | ** | ** | ** | 0.0 |
| Queen Anne's | ** | ** | 0.0 | ** | 0.0 | 0.0 |
| Saint Mary's | ** | ** | ** | ** | 0.0 | 0.0 |
| Somerset | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Talbot | ** | ** | ** | ** | 0.0 | 0.0 |
| Washington | ** | ** | 0.0 | ** | 0.0 | 0.0 |
| Wicomico | ** | ** | ** | ** | 0.0 | 0.0 |
| Worcester | ** | ** | 0.0 | ** | 0.0 | 0.0 |

* Rates are per 100,000 and age-adjusted to 2000 U.S. standard population

** Rates based on cells with 25 or fewer non-zero cases are not presented per DHMH/MCR Data Use Policy

Source: Maryland Division of Health Statistics, 2001

Table 61
Number of Melanoma Cases
by Jurisdiction, Gender and Race, Maryland, 1997-2001

| Jurisdiction | Total | Gender | | Race | | | |
|------------------|-------|--------|---------|--------|--------|--------|---------|
| | | Males | Females | Whites | Blacks | Others | Unknown |
| Maryland | 4,359 | 2,464 | 1,894 | 3,755 | 55 | 76 | 473 |
| Allegany | 66 | 32 | 34 | 66 | 0 | 0 | 0 |
| Anne Arundel | 510 | 300 | 210 | 391 | <6 | s | 100 |
| Baltimore City | 285 | 161 | 124 | 250 | s | <6 | 25 |
| Baltimore County | 838 | 442 | 396 | 769 | 8 | 13 | 48 |
| Calvert | 62 | 28 | 34 | 52 | 0 | <6 | s |
| Caroline | 42 | 30 | 12 | s | 0 | 0 | <6 |
| Carroll | 174 | 111 | 63 | 153 | <6 | <6 | 16 |
| Cecil | 75 | 38 | 37 | 69 | 0 | <6 | <6 |
| Charles | 68 | 43 | 25 | 56 | <6 | 0 | s |
| Dorchester | 28 | 17 | 11 | s | <6 | 0 | 0 |
| Frederick | 186 | 119 | 67 | 167 | <6 | 0 | s |
| Garrett | 22 | 12 | 10 | s | <6 | 0 | 0 |
| Harford | 230 | 110 | 120 | 213 | <6 | 0 | s |
| Howard | 206 | 112 | 94 | 180 | <6 | <6 | 22 |
| Kent | 30 | 21 | 9 | 30 | 0 | 0 | 0 |
| Montgomery | 704 | 401 | 302 | 558 | <6 | s | 124 |
| Prince George's | 217 | 134 | 83 | 163 | s | <6 | 34 |
| Queen Anne's | 47 | 29 | 18 | s | 0 | 0 | <6 |
| Saint Mary's | 72 | 46 | 26 | 63 | 0 | 0 | 9 |
| Somerset | 27 | 12 | 15 | 24 | 0 | <6 | <6 |
| Talbot | 56 | 30 | 26 | 53 | 0 | <6 | <6 |
| Washington | 161 | 92 | 69 | 150 | <6 | 0 | s |
| Wicomico | 142 | 80 | 62 | 135 | <6 | <6 | <6 |
| Worcester | 87 | 51 | 36 | 71 | 0 | 7 | 9 |
| Unknown | 24 | 13 | 11 | 11 | 0 | 6 | 7 |

s=Number was suppressed to ensure confidentiality of cell in other column

Cells with 5 or fewer non-zero cases are not presented per DHMH/MCR Data Use Policy

Source: Maryland Cancer Registry, 1997-2001

Table 62.
Melanoma Age-Adjusted Incidence Rates*
by Jurisdiction, Gender and Race, Maryland, 1997-2001

| Jurisdiction | Total | Gender | | Race | | |
|------------------|-------|--------|---------|--------|--------|--------|
| | | Males | Females | Whites | Blacks | Others |
| Maryland | 16.9 | 21.9 | 13.4 | 20.1 | 1.0 | 8.4 |
| Allegany | 15.3 | 15.7 | 15.4 | 16.1 | 0.0 | 0.0 |
| Anne Arundel | 21.7 | 28.8 | 16.8 | 19.3 | ** | ** |
| Baltimore City | 8.6 | 12.3 | 6.5 | 18.5 | ** | ** |
| Baltimore County | 20.6 | 24.9 | 18.0 | 22.8 | ** | ** |
| Calvert | 18.5 | 20.4 | 18.3 | 18.2 | 0.0 | ** |
| Caroline | 27.0 | 41.6 | ** | 31.1 | 0.0 | 0.0 |
| Carroll | 23.1 | 32.8 | 15.7 | 21.2 | ** | ** |
| Cecil | 18.9 | 22.9 | 17.3 | 18.1 | 0.0 | ** |
| Charles | 12.8 | 19.2 | ** | 14.0 | ** | 0.0 |
| Dorchester | 15.8 | ** | ** | 20.5 | ** | 0.0 |
| Frederick | 21.2 | 30.6 | 14.1 | 20.2 | ** | 0.0 |
| Garrett | ** | ** | ** | ** | ** | 0.0 |
| Harford | 22.1 | 22.9 | 21.4 | 22.7 | ** | 0.0 |
| Howard | 19.1 | 23.1 | 16.0 | 21.0 | ** | ** |
| Kent | 26.4 | ** | ** | 31.7 | 0.0 | 0.0 |
| Montgomery | 16.4 | 21.2 | 12.9 | 16.8 | ** | ** |
| Prince George's | 6.7 | 9.7 | 4.5 | 12.2 | ** | ** |
| Queen Anne's | 23.4 | 29.0 | ** | 23.4 | 0.0 | 0.0 |
| Saint Mary's | 18.5 | 23.9 | 13.2 | 19.3 | 0.0 | 0.0 |
| Somerset | 21.2 | ** | ** | ** | 0.0 | ** |
| Talbot | 26.2 | 30.2 | 23.1 | 29.7 | 0.0 | ** |
| Washington | 23.1 | 28.7 | 19.9 | 22.8 | ** | 0.0 |
| Wicomico | 34.1 | 45.4 | 27.7 | 41.5 | ** | ** |
| Worcester | 29.5 | 35.3 | 25.5 | 28.5 | 0.0 | ** |

* Rates are per 100,000 and are age-adjusted to 2000 U.S. standard population

** Rates based on cells with 25 or fewer non-zero cases are not presented per DHMH/MCR Data Use Policy

Source: Maryland Cancer Registry, 1997-2001

Table 63.
Number of Melanoma Deaths
by Jurisdiction, Gender and Race, Maryland, 1997-2001

| Jurisdiction | Total | Gender | | Race | | |
|------------------|-------|--------|---------|--------|--------|-------|
| | | Males | Females | Whites | Blacks | Other |
| Maryland | 612 | 382 | 230 | 584 | s | <6 |
| Allegany | 14 | 8 | 6 | 14 | 0 | 0 |
| Anne Arundel | 57 | 42 | 15 | s | <6 | 0 |
| Baltimore City | 55 | 28 | 27 | s | <6 | 0 |
| Baltimore County | 109 | 63 | 46 | s | <6 | 0 |
| Calvert | 11 | <6 | s | 11 | 0 | 0 |
| Caroline | <6 | <6 | <6 | <6 | 0 | 0 |
| Carroll | 35 | 23 | 12 | 35 | 0 | 0 |
| Cecil | 20 | 11 | 9 | 20 | 0 | 0 |
| Charles | 12 | s | <6 | 12 | 0 | 0 |
| Dorchester | <6 | <6 | 0 | <6 | 0 | 0 |
| Frederick | 20 | s | <6 | 20 | 0 | 0 |
| Garrett | <6 | <6 | <6 | <6 | 0 | 0 |
| Harford | 22 | 14 | 8 | 22 | 0 | 0 |
| Howard | 23 | 14 | 9 | 23 | 0 | 0 |
| Kent | <6 | <6 | <6 | <6 | 0 | 0 |
| Montgomery | 105 | 67 | 38 | 99 | <6 | <6 |
| Prince George's | 40 | 26 | 14 | 29 | 11 | 0 |
| Queen Anne | 8 | s | <6 | 8 | 0 | 0 |
| Saint Mary's | 15 | s | <6 | 15 | 0 | 0 |
| Somerset | <6 | <6 | <6 | <6 | 0 | 0 |
| Talbot | 12 | s | <6 | 12 | 0 | 0 |
| Washington | 15 | 9 | 6 | 15 | 0 | 0 |
| Wicomico | 12 | s | <6 | s | <6 | 0 |
| Worcester | 10 | s | <6 | 10 | 0 | 0 |

s=Number was suppressed to ensure confidentiality of cell in other column
Cells with 5 or fewer non-zero cases are not presented per DHMH/MCR Data Use Policy
Source: Maryland Division of Health Statistics, 1997-2001

Table 64.
Melanoma Age-Adjusted Mortality Rates*
by Jurisdiction, Gender and Race, Maryland, 1997-2001

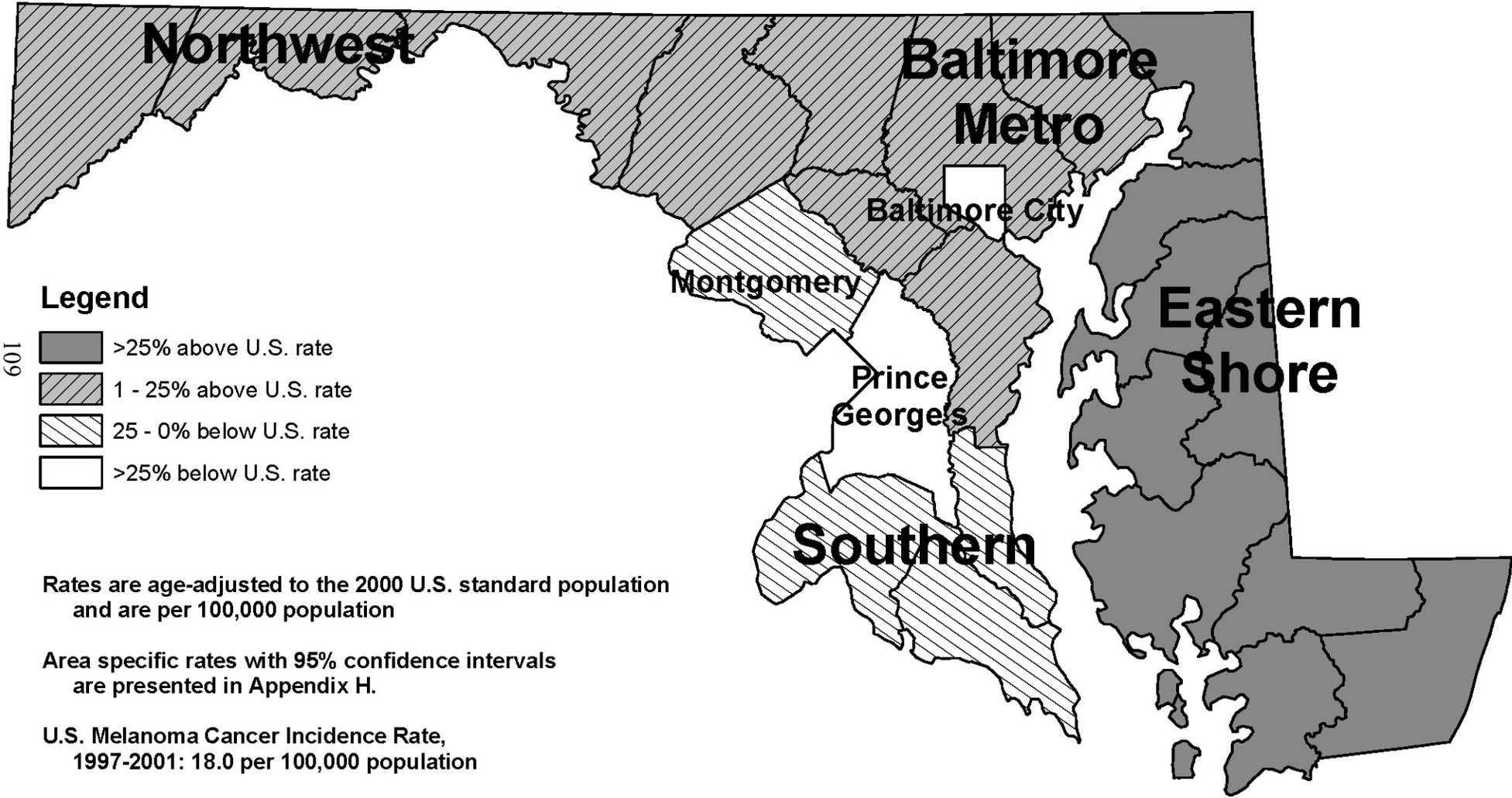
| Jurisdiction | Total | Gender | | Race | | |
|------------------|-------|--------|---------|--------|--------|-------|
| | | Males | Females | Whites | Blacks | Other |
| Maryland | 2.5 | 3.6 | 1.6 | 3.1 | 0.5 | ** |
| Allegany | ** | ** | ** | ** | 0.0 | 0.0 |
| Anne Arundel | 2.5 | 4.1 | ** | 2.8 | ** | 0.0 |
| Baltimore City | 1.7 | 2.1 | 1.4 | 3.5 | ** | 0.0 |
| Baltimore County | 2.6 | 3.7 | 1.9 | 2.9 | ** | 0.0 |
| Calvert | ** | ** | ** | ** | 0.0 | 0.0 |
| Caroline | ** | ** | ** | ** | 0.0 | 0.0 |
| Carroll | 5.0 | ** | ** | 5.1 | 0.0 | 0.0 |
| Cecil | ** | ** | ** | ** | 0.0 | 0.0 |
| Charles | ** | ** | ** | ** | 0.0 | 0.0 |
| Dorchester | ** | ** | 0.0 | ** | 0.0 | 0.0 |
| Frederick | ** | ** | ** | ** | 0.0 | 0.0 |
| Garrett | ** | ** | ** | ** | 0.0 | 0.0 |
| Harford | ** | ** | ** | ** | 0.0 | 0.0 |
| Howard | ** | ** | ** | ** | 0.0 | 0.0 |
| Kent | ** | ** | ** | ** | 0.0 | 0.0 |
| Montgomery | 2.6 | 3.9 | 1.6 | 3.0 | ** | ** |
| Prince George's | 1.4 | 2.3 | ** | 2.2 | ** | 0.0 |
| Queen Anne's | ** | ** | ** | ** | 0.0 | 0.0 |
| Saint Mary's | ** | ** | ** | ** | 0.0 | 0.0 |
| Somerset | ** | ** | ** | ** | 0.0 | 0.0 |
| Talbot | ** | ** | ** | ** | 0.0 | 0.0 |
| Washington | ** | ** | ** | ** | 0.0 | 0.0 |
| Wicomico | ** | ** | ** | ** | ** | 0.0 |
| Worcester | ** | ** | ** | ** | 0.0 | 0.0 |

* Rates are per 100,000 and are age-adjusted to 2000 U.S. standard population

** Rates based on cells with 25 or fewer non-zero cases are not presented per DHMH/MCR Data Use Policy

Source: Maryland Division of Health Statistics, 1997-2001

Maryland Melanoma Cancer Incidence Rates by Geographical Area: Comparison to U.S. Rates, 1997-2001



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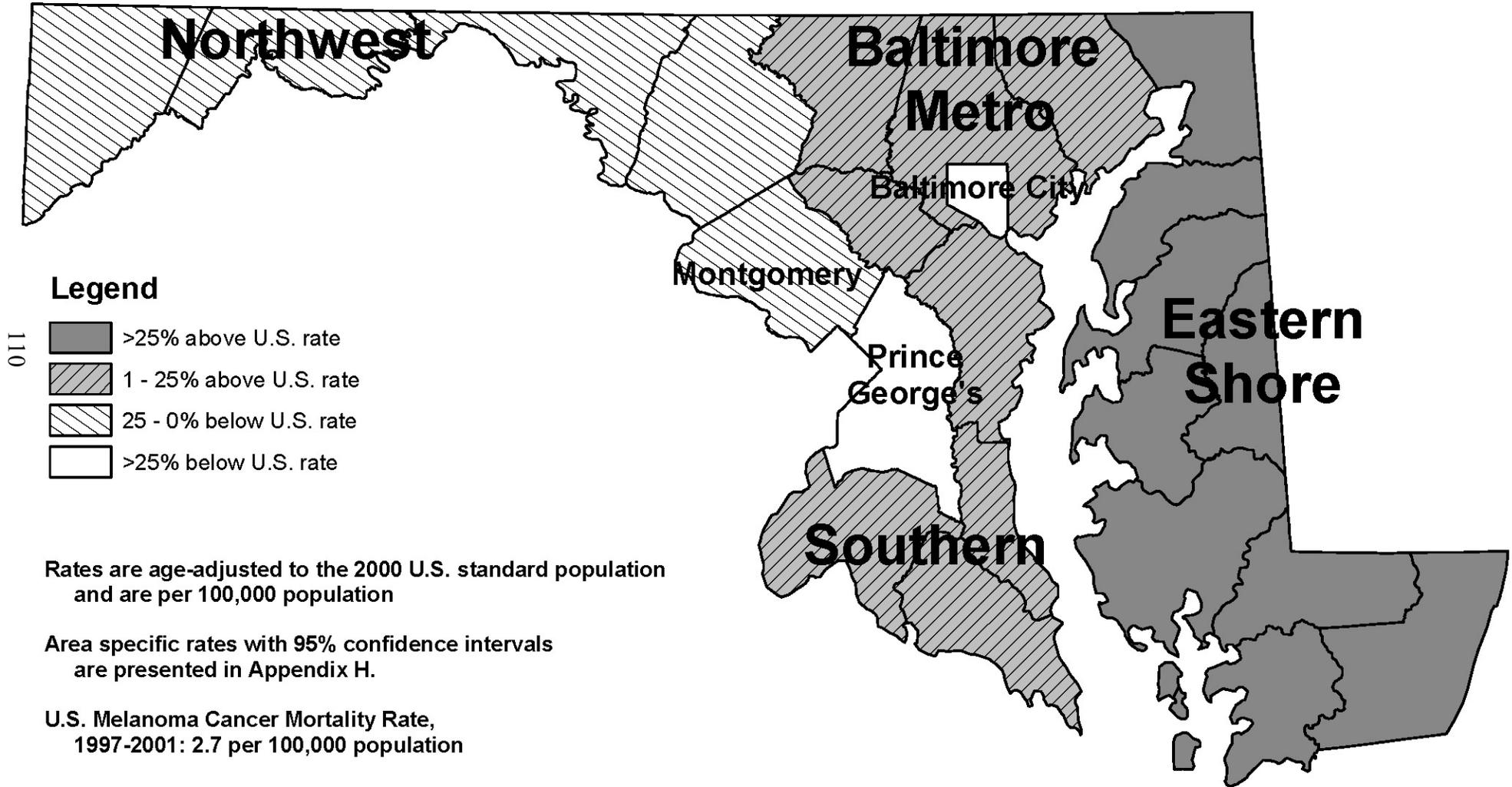
Rates are age-adjusted to the 2000 U.S. standard population and are per 100,000 population

Area specific rates with 95% confidence intervals are presented in Appendix H.

U.S. Melanoma Cancer Incidence Rate, 1997-2001: 18.0 per 100,000 population

Source: Maryland Cancer Registry, 1997-2001

Maryland Melanoma Cancer Mortality Rates by Geographical Area: Comparison to U.S. Rates, 1997-2001



Source: Maryland Division of Health Statistics, 1997-2001