

MELANOMA IN ARIZONA

Clinical Indicators - Incidence 2010-2015



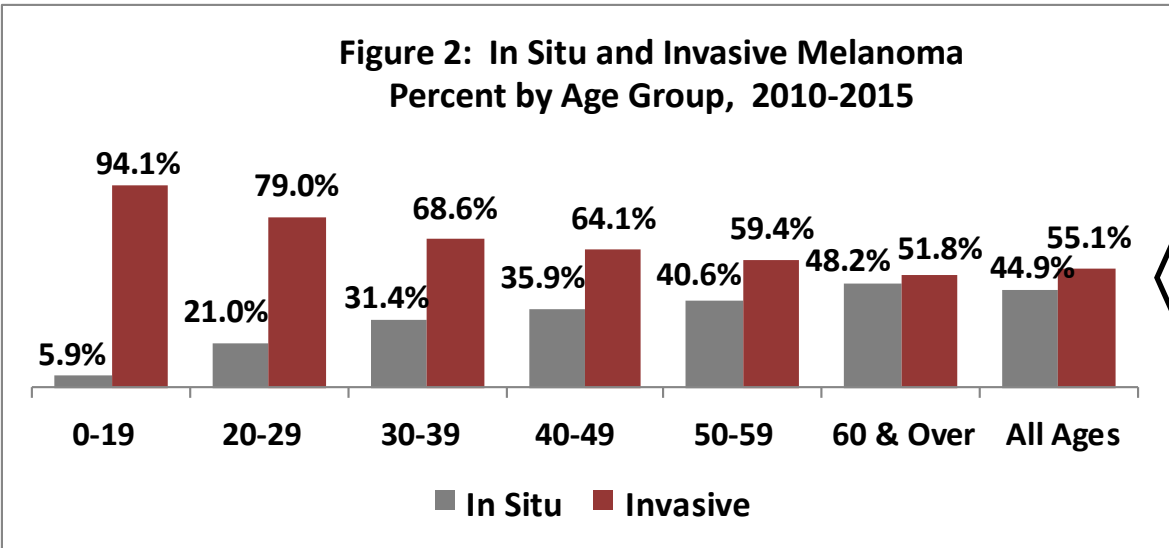
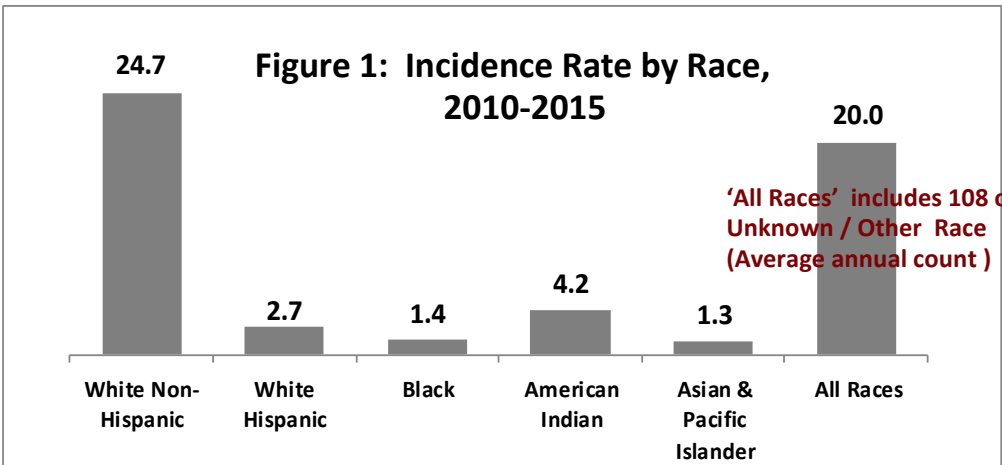
Arizona invasive melanoma rate ranks 19th in the United States for White Non-Hispanic

Arizona Melanoma Task Force

This is a summary of clinical variables of melanoma diagnosed in Arizona from 2010-2015. Information for these figures is derived from the Melanoma Reporting Form that providers send to the Arizona Cancer Registry. This form was updated August 2018 to capture more information on race/ethnicity (see Figure 1). Forms with unknown or missing race data reduce the accuracy of melanoma incidence/mortality in Arizona. Download the updated form at <http://www.azdhs.gov/cancer/MelanomaForm.pdf>.

- White Non-Hispanics cases comprise 90% of all invasive melanoma cases.

- The age-adjusted rate for melanoma in American Indians is greater than that of White Hispanics (4.2 vs. 2.7 per 100,000 persons).



- Younger age groups (0-19 and 20-29) are diagnosed more often with invasive than with in situ melanoma.
- The percentage of invasive melanoma gradually decreases with the older age groups.

Stats about melanoma cases in Arizona

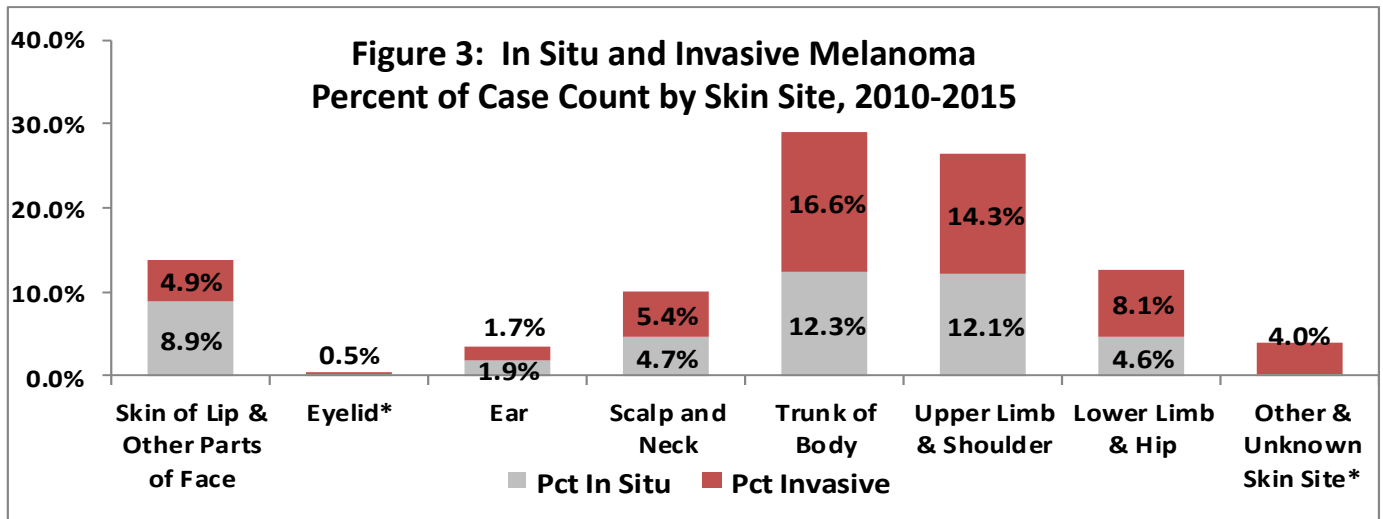


- Almost 2 of every 3 melanoma cases (63%) are male.
- In age groups younger than 50 years most melanoma cases are diagnosed in females.
- The median age of invasive melanoma diagnosis is 69 years in males and 63 years in females.
- In 2015, melanoma ranks as the 4th most common invasive cancer in males and 6th in females.

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INCIDENCE - 2010- 2015



- The trunk of the body (29%) and the upper limbs and shoulders (26%) account for more than half of all melanoma cases.
- Slightly more melanoma skin cases occur on the left side (48%) of the body compared to the right side (43%).

Figure 3 Note: Eyelid (0.3% In Situ and 0.2% invasive) and Other & Unknown Skin Site (0.1 In Situ and 3.9% Invasive) show the percent of all cases for the skin site.

Invasive Melanoma: Percent Measured Thickness (Depth), Breslow Measurement by Diagnosis Year, 2010-2015

- Thicker melanomas have a poorer survival than do thinner melanomas.
- Almost three quarters of invasive melanomas are less than less than 2.0mm.
- A decrease is seen in the % of Unknown Depth. This is a critical factor as the registry cannot stage a melanoma when Depth is not provided.

	2010	2011	2012	2013	2014	2015	All Years
No lesion identified	2.5%	2.0%	1.3%	1.7%	1.5%	1.3%	1.7%
≤1.0mm	46.0%	58.5%	58.1%	62.7 %	63.2%	65.9%	60.0%
>1.0-2.0mm	15.4%	11.3%	12.0%	11.1%	11.3%	10.9%	11.8%
>2.0-4.0mm	9.0%	6.1%	6.7%	6.0%	7.2%	6.7%	6.9%
>4.0mm	6.6%	4.6%	4.4%	4.8%	6.2%	5.6%	5.4%
Unknown	20.5%	17.5%	17.5%	13.7%	10.6%	9.6%	14.3%

To learn more about melanoma and the Arizona Cancer Registry visit: <https://www.azdhs.gov/preparedness/public-health-statistics/cancer-registry/index.php>



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