

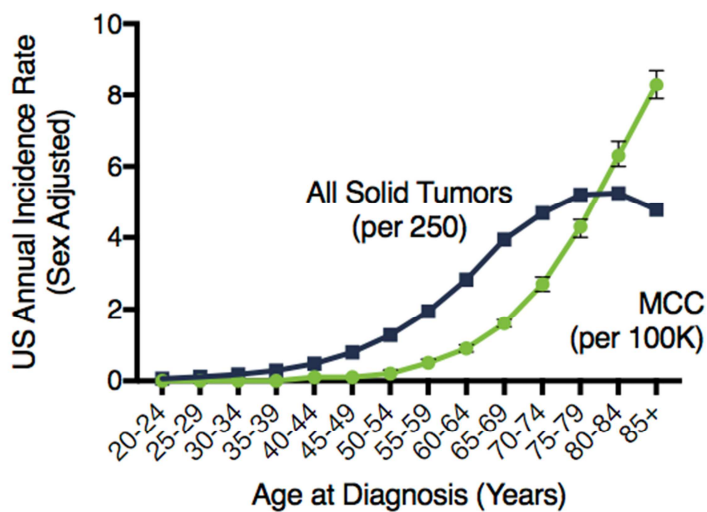
SUPPLEMENTAL DATA

Corresponding to: Merkel Cell Carcinoma: Current United States Incidence and Projected Increases based on Changing Demographics

MEN	US Census Population Forecast (Thousands)			MCC Incidence Rate (per 100,000)	Predicted Number MCC Cases		
	2015	2020	2025	2011-2013	2015	2020	2025
00-04 years	10,211	10,520	10,747	0	0	0	0
05-09 years	10,448	10,360	10,676	0	0	0	0
10-14 years	10,513	10,584	10,500	0	0	0	0
15-19 years	10,796	10,749	10,835	0	0	0	0
20-24 years	11,678	11,300	11,290	0	0	0	0
25-29 years	11,447	12,161	11,818	0	0	0	0
30-34 years	10,906	11,781	12,510	0	0	0	0
35-39 years	10,181	11,099	11,979	0	0	0	0
40-44 years	10,025	10,272	11,193	0.1	10	10	11
45-49 years	10,324	10,010	10,266	0.1	10	10	10
50-54 years	10,955	10,182	9,889	0.3	33	31	30
55-59 years	10,601	10,651	9,929	0.7	74	75	70
60-64 years	9,131	10,147	10,229	1.4	128	142	143
65-69 years	7,612	8,567	9,556	2.6	198	223	248
70-74 years	5,306	6,900	7,804	4.1	218	283	320
75-79 years	3,615	4,538	5,938	7	253	318	416
80-84 years	2,417	2,783	3,529	12.1	292	337	427
85+ years	2,181	2,432	2,802	17.7	386	430	496

WOMEN	US Census Population Forecast (Thousands)			MCC Incidence Rate (per 100,000)	Predicted Number MCC Cases		
	2015	2020	2025	2011-2013	2015	2020	2025
00-04 years	9,755	10,047	10,264	0	0	0	0
05-09 years	10,015	9,914	10,214	0	0	0	0
10-14 years	10,076	10,150	10,055	0	0	0	0
15-19 years	10,297	10,299	10,384	0	0	0	0
20-24 years	11,062	10,759	10,787	0	0	0	0
25-29 years	11,026	11,561	11,284	0	0	0	0
30-34 years	10,753	11,387	11,940	0	0	0	0
35-39 years	10,166	10,961	11,607	0	0	0	0
40-44 years	10,153	10,296	11,098	0.1	10	10	11
45-49 years	10,493	10,195	10,347	0.1	10	10	10
50-54 years	11,356	10,456	10,174	0.2	23	21	20
55-59 years	11,210	11,228	10,365	0.4	45	45	41
60-64 years	9,962	10,993	11,036	0.7	70	77	77
65-69 years	8,482	9,626	10,646	1.1	93	106	117
70-74 years	6,193	7,982	9,088	1.9	118	152	173
75-79 years	4,512	5,574	7,216	3.1	140	173	224
80-84 years	3,389	3,744	4,662	3.6	122	135	168
85+ years	4,123	4,294	4,680	5.8	239	249	271

Supplemental Table 1: Calculation of Predicted Number MCC cases by Age and Sex. MCC cases are number of incident cases per year in the US for each of the listed years, in each age and sex category. Total number of predicted incident MCC cases are 2,472 in 2015, 2,835 in 2020, and 3,284 in 2025 (sum in table varies slightly due to rounding).



Supplemental Figure 1: Merkel cell carcinoma disproportionately impacts individuals ≥ 65 years of age as compared to all solid tumors. Incidence rate by age is shown for Merkel cell carcinoma (green circles, per 100,000 persons) and all solid tumors (blue squares, per 250 persons). N=6,600 cases of Merkel cell carcinoma (all cases reported to SEER between 2000-2013 with associated age and sex information). MCC line is identical to figure 2A; however All Solid Tumors is now shown instead of melanoma as comparator.