

Supplementary Tables

Supplementary Table 1 Variation in age and other variables across racial/ethnic groups in National Cancer Database.

| | NHW (n=302230) | HA (n=49308) | AI/AN (n=1811) | NHB (n=45334) | AA (n=6390) | <i>P</i> ¹ |
|--|----------------|----------------|----------------|----------------|----------------|-----------------------|
| Age, mean (SD) | 63.2 (12.7) | 60.4 (13.4)*** | 58.5 (12.1)*** | 60.4 (12.4)*** | 61.4 (13.6)*** | <0.001 |
| Gender, n (%) | | | | | | <0.001 |
| Male | 190841 (63.1) | 29785 (60.4) | 1039 (57.4) | 26776 (59.1) | 4175 (65.3) | |
| Female | 111389 (36.9) | 19523 (39.6) | 772 (42.6) | 18558 (40.9) | 2215 (34.7) | |
| Facility Type | | | | | | <0.001 |
| Community Cancer Program | 22422 (7.7) | 3225 (7.0) | 214 (12.6) | 2431 (5.6) | 498 (8.3) | |
| Comprehensive Community Cancer Program | 120988 (41.6) | 18735 (40.6) | 774 (45.5) | 13426 (31.2) | 1825 (30.5) | |
| Academic/Research Program | 1116252 (40.0) | 19123 (41.5) | 607 (35.7) | 21071 (49.0) | 3213 (53.8) | |
| Integrated Network Cancer Program | 30934 (10.6) | 5040 (10.9) | 105 (6.2) | 6110 (14.2) | 411 (7.4) | |
| Insurance Type, n (%) | | | | | | <0.001 |
| Private | 134449 (44.5) | 20979 (42.5) | 559 (30.9) | 16475 (36.3) | 2998 (46.9) | |
| Public | 153703 (50.9) | 23368 (47.4) | 1113 (61.5) | 25661 (56.6) | 3049 (47.7) | |
| Not insured | 7385 (2.4) | 3300 (6.7) | 65 (3.6) | 2167 (4.8) | 245 (3.8) | |
| Unknown | 66693 (2.2) | 1661 (3.4) | 74 (4.1) | 1031 (2.3) | 98 (1.5) | |
| Charlson/Deyo Score | | | | | | <0.001 |
| 0 | 212542 (70.3) | 34588 (70.1) | 1139 (62.9) | 29083 (64.2) | 4685 (73.3) | |
| 1 | 65625 (21.7) | 10857 (22.0) | 469 (25.9) | 10723 (23.7) | 1281 (20.0) | |
| 2 | 24063 (8.0) | 3863 (7.8) | 203 (11.2) | 5528 (12.2) | 424 (6.6) | |
| TNM Stage, n (%) | | | | | | <0.001 |
| I | 176478 (63.3) | 28277 (69.1) | 1017 (60.5) | 28647 (63.3) | 3722 (62.8) | |
| II | 24938 (8.9) | 4282 (9.4) | 136 (8.1) | 4250 (10.3) | 553 (9.3) | |
| III | 37598 (13.5) | 6095 (13.4) | 267 (15.9) | 3619 (8.7) | 761 (12.8) | |
| IV | 39727 (14.3) | 6737 (14.8) | 262 (15.6) | 4940 (11.9) | 895 (15.1) | |

Independent sample T-test, *** *P*<0.001 comparing to NHWs.

¹ *P*-values are from ANOVA for age and Chi-Squared test for other variables

Abbreviation: Non-Hispanic White (NHW), American Indian and Alaska Native (AI/AN), Non-Hispanic Black (NHB), Asian American (AA), Hispanic American (HA)

Supplementary Table 2 Variation in age and other variables across Hispanic subgroups in National Cancer Database

| | NHW (n=302230) | Mexican/ Chicano (n=3745) | Puerto Rican (n=866) | Cuban (n=798) | South or Central America (n=1464) | Dominican (n=269) | <i>P</i> ¹ |
|--|-------------------|------------------------------|-------------------------|------------------|--------------------------------------|----------------------|-----------------------|
| Age, mean (SD) | 63.2 (12.7) | 59.0 (13.2)*** | 60.0 (13.2)*** | 63.6 (12.7) | 58.3 (13.0)*** | 60.4 (14.0)*** | <0.001 |
| Gender, n (%) | | | | | | | <0.001 |
| Male | 190841 (63.1) | 2264 (60.5) | 505 (58.3) | 518 (64.9) | 875 (59.8) | 164 (61.0) | |
| Female | 111389 (36.9) | 1481 (39.5) | 361 (41.7) | 280 (35.1) | 589 (40.2) | 105 (39.0) | |
| Facility Type | | | | | | | <0.001 |
| Community Cancer Program | 22422 (7.7) | 363 (10.5) | 65 (8.0) | 15 (1.9) | 105 (7.8) | 37 (14.9) | |
| Comprehensive Community Cancer Program | 120988 (41.6) | 1374 (39.7) | 187 (23.0) | 169 (21.7) | 289 (21.5) | 47 (19.0) | |
| Academic/Research Program | 1116252 (40.0) | 1590 (46.0) | 490 (60.3) | 180 (23.1) | 714 (53.1) | 137 (55.2) | |
| Integrated Network Cancer Program | 30934 (10.6) | 131 (3.8) | 71 (8.7) | 416 (53.3) | 236 (17.6) | 27 (10.9) | |
| Insurance Type, n (%) | | | | | | | <0.001 |
| Private | 134449 (44.5) | 1269 (33.9) | 291 (33.6) | 240 (30.1) | 568 (38.8) | 85 (31.6) | |
| Public | 153703 (50.9) | 1900 (50.7) | 535 (61.8) | 462 (57.9) | 647 (44.2) | 162 (60.2) | |
| Not insured | 7385 (2.4) | 459 (12.3) | 26 (3.0) | 88 (11.0) | 219 (15.0) | 19 (7.1) | |
| Unknown | 66693 (2.2) | 117 (3.1) | 14 (1.6) | 8 (1.0) | 30 (2.0) | 3 (1.1) | |
| Charlson/Deyo Score | | | | | | | <0.001 |
| 0 | 212542 (70.3) | 2798 (74.7) | 537 (62.0) | 581 (72.8) | 1138 (77.7) | 180 (66.9) | |
| 1 | 65625 (21.7) | 697 (18.6) | 245 (28.3) | 167 (20.9) | 268 (18.3) | 61 (22.7) | |
| 2 | 24063 (8.0) | 250 (6.7) | 84 (9.7) | 50 (6.3) | 58 (4.0) | 28 (10.4) | |
| TNM Stage, n (%) | | | | | | | <0.001 |
| I | 176478 (63.3) | 1957 (56.2) | 535 (65.6) | 432 (57.1) | 848 (61.6) | 166 (64.1) | |
| II | 24938 (8.9) | 338 (9.7) | 61 (7.5) | 84 (11.1) | 127 (9.2) | 22 (8.2) | |
| III | 37598 (13.5) | 509 (14.6) | 99 (12.1) | 107 (14.2) | 193 (14.0) | 34 (13.1) | |
| IV | 39727 (14.3) | 678 (19.5) | 120 (14.7) | 133 (17.6) | 209 (15.2) | 37 (14.3) | |

Independent sample T-test, *** *P*<0.001 comparing to NHWs. Abbreviation: Non-Hispanic White (NHW)

¹ *P*-values are from ANOVA for age and Chi-Squared test for other variables

Abbreviation: Non-Hispanic White (NHW),

Supplementary Table 3 Variation in age and other variables across racial/ethnic groups in Arizona Cancer Registry

| | NHW (n=6965) | HA (n=1740) | AI (n=632) | NHB (n=330) | AA (n=84) | <i>P</i> ¹ |
|----------------------------|--------------|----------------|----------------|----------------|--------------|-----------------------|
| Age, mean (SD) | 64.3 (12.6) | 59.3 (13.2)*** | 58.9 (12.9)*** | 59.9 (13.3)*** | 61.2 (14.3)* | <0.001 |
| Gender, n (%) | | | | | | 0.007 |
| Male | 4525 (65.0) | 1053 (60.5) | 401 (63.4) | 221 (67.0) | 57 (67.9) | |
| Female | 2440 (25.0) | 688 (39.5) | 231 (36.6) | 109 (33.0) | 27 (32.1) | |
| Marital Status | | | | | | <0.001 |
| Married | 4362 (62.6) | 985 (56.6) | 283 (44.8) | 175 (53.0) | 55 (65.5) | |
| Single | 987 (14.2) | 343 (19.7) | 181 (28.6) | 84 (25.5) | 8 (9.5) | |
| Separated/Divorced/Widowed | 1388 (19.9) | 338 (19.4) | 107 (16.9) | 62 (18.8) | 14 (16.7) | |
| Unknown | 228 (3.3) | 74 (4.3) | 61 (9.7) | 9 (2.7) | 7 (8.3) | |
| TNM Stage, n (%) | | | | | | 0.01 |
| I | 3728 (65.7) | 859 (63.4) | 319 (61.7) | 168 (65.9) | 37 (60.7) | |
| II | 446 (7.9) | 100 (7.4) | 35 (6.8) | 32 (12.5) | 3 (4.9) | |
| III | 788 (13.9) | 194 (14.3) | 85 (16.4) | 35 (13.7) | 10 (16.4) | |
| IV | 709 (12.5) | 201 (14.8) | 78 (15.1) | 20 (7.8) | 11 (18.0) | |

Independent sample T-test, * $P < 0.05$ and *** $P < 0.001$ comparing to NHWs.

¹ P -values are from ANOVA for age and Chi-Squared test for other variables

Abbreviation: Non-Hispanic White (NHW), American Indian and Alaska Native (AI/AN), Non-Hispanic Black (NHB), Asian American (AA), Hispanic American (HA)

Supplementary Table 4 Variation in age and other variables in Hispanic subgroups in Arizona Cancer Registry

| | NHW (n=6965) | Mexican (n=734) | <i>P</i> | US-Born Mexican (n=335) | Mexico-Born Mexican (n=238) | <i>P</i> |
|----------------------------|--------------|-----------------|----------|-------------------------|-----------------------------|----------|
| Age, mean (SD) | 64.3 (12.6) | 62.0 (13.2) | <0.001 | 63.5 (13.5) | 61.7 (12.3)** | 0.004 |
| Gender, n (%) | | | 0.24 | | | 0.09 |
| Male | 4525 (65.0) | 464 (62.8) | | 228 (68.1) | 141 (59.2) | |
| Female | 2440 (25.0) | 275 (37.2) | | 107 (31.9) | 97 (40.8) | |
| Marital Status | | | <0.001 | | | <0.001 |
| Married | 4362 (62.6) | 390 (52.8) | | 160 (47.8) | 141 (59.2) | |
| Single | 987 (14.2) | 147 (19.9) | | 63 (18.8) | 43 (18.1) | |
| Separated/Divorced/Widowed | 1388 (19.9) | 166 (22.5) | | 94 (28.1) | 45 (18.9) | |
| Unknown | 228 (3.3) | 36 (4.9) | | 18 (5.4) | 9 (3.8) | |
| TNM Stage, n (%) | | | <0.001 | | | <0.001 |
| I | 3728 (65.7) | 285 (48.5) | | 120 (44.8) | 97 (49.7) | |
| II | 446 (7.9) | 41 (7.0) | | 17 (6.3) | 11 (5.6) | |
| III | 788 (13.9) | 99 (16.8) | | 45 (16.8) | 41 (21.0) | |
| IV | 709 (12.5) | 163 (27.7) | | 86 (32.1) | 46 (23.6) | |

Independent sample T-test, ** $P < 0.01$ comparing to NHWs.

¹ *P*-values are from Independent sample T-test for age and Chi-Squared test for other variables

² *P*-values are from ANOVA for age and Chi-Squared test for other variables

Abbreviation: Non-Hispanic White (NHW), American Indian and Alaska Native (AI/AN), Non-Hispanic Black (NHB), Asian American (AA), Hispanic American (HA)