



Demographic Data by Priority Condition - Cancers

January 1, 2011 – July 31, 2021

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2 Report Disclaimer

The Chicago Area Patient-Centered Outcomes Research Network (CAPriCORN) is a partnership of research institutions, clinicians, patients, and patient advocates. Since 2014, Rush University Medical Center has worked with CAPriCORN as a network site to put in place the infrastructure and processes necessary to create data sets comprised of high-quality, de-duplicated patient information. Rush joins CAPriCORN in engaging in sustainable, population-level patient-centered outcomes research. Dr. Raj Shah, MD serves as the Site Principal Investigator.

Investigators who wish to use data and/or results generated from the CAPriCORN at Rush are asked to acknowledge the above funding in any publication or presentation arising from this report and its associated content. Investigators accept responsibility for the accurate representation of both the data and interpretation thereof. The CAPriCORN at Rush team is happy to consult if any questions regarding the data or its interpretation should arise.

3 Data Source

The data used to generate this report is derived from Electronic Health Records (EHR) in the Rush System, transformed into the CAPriCORN and PCORnet common data models. Details about these models can be found on [our website](#).

Unless otherwise specified, data contains records from the following sites: Rush University Medical Center, Rush University Medical Group, Rush Oak Park Hospital, Rush Oak Park Medical Group, Rush Copley Medical Center, and Rush Copley Medical Group.

4 Gastrointestinal Cancers

Total Patient Count: 6527

| <u>Race</u> | <u>Count of Unique Patients</u> |
|---------------------------|--|
| White | 3577 (54.80%) |
| Black or African American | 1700 (26.05%) |
| Asian | 230 (3.52%) |
| Other | 828 (12.69%) |
| Unknown | 192 (2.94%) |

| <u>Ethnicity</u> | <u>Count of Unique Patients</u> |
|-------------------------|--|
| Hispanic or Latinx | 909 (13.93%) |
| Not Hispanic or Latinx | 5461 (83.67%) |
| Unknown | 157 (2.41%) |

| <u>Sex</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| Male | 3458 (52.98%) |
| Female | 3069 (47.02%) |
| Unknown | 0 (0.00%) |

| <u>Age</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| <18 | 12 (0.18%) |
| 18-24 | 32 (0.49%) |
| 25-44 | 290 (4.44%) |
| 45-64 | 2027 (31.06%) |
| 65-74 | 2054 (31.47%) |
| >75 | 2112 (32.36%) |

5 Genitourinary Cancers

Total Patient Count: 8590

| <u>Race</u> | <u>Count of Unique Patients</u> |
|---------------------------|--|
| White | 5066 (58.98%) |
| Black or African American | 2300 (26.78%) |
| Asian | 165 (1.92%) |
| Other | 898 (10.45%) |
| Unknown | 161 (1.87%) |

| <u>Ethnicity</u> | <u>Count of Unique Patients</u> |
|-------------------------|--|
| Hispanic or Latinx | 981 (11.42%) |
| Not Hispanic or Latinx | 7500 (87.31%) |
| Unknown | 109 (1.27%) |

| <u>Sex</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| Male | 7521 (87.56%) |
| Female | 1069 (12.44%) |
| Unknown | 0 (0.00%) |

| <u>Age</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| <18 | 13 (0.15%) |
| 18-24 | 25 (0.29%) |
| 25-44 | 304 (3.54%) |
| 45-64 | 1887 (21.97%) |
| 65-74 | 2789 (32.47%) |
| >75 | 3572 (41.58%) |

6 Gynecologic Cancers

Total Patient Count: 4939

| <u>Race</u> | <u>Count of Unique Patients</u> |
|---------------------------|--|
| White | 3155 (63.88%) |
| Black or African American | 1041 (21.08%) |
| Asian | 146 (2.96%) |
| Other | 495 (10.02%) |
| Unknown | 102 (2.07%) |

| <u>Ethnicity</u> | <u>Count of Unique Patients</u> |
|-------------------------|--|
| Hispanic or Latinx | 564 (11.42%) |
| Not Hispanic or Latinx | 4301 (87.08%) |
| Unknown | 74 (1.50%) |

| <u>Sex</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| Male | <12 |
| Female | 4933 (99.88%) |
| Unknown | <12 |

| <u>Age</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| <18 | <12 |
| 18-24 | <12 |
| 25-44 | 432 (8.75%) |
| 45-64 | 1793 (36.30%) |
| 65-74 | 1495 (30.27%) |
| >75 | 1207 (24.44%) |

7 Head and Neck Cancers

Total Patient Count: 1947

| <u>Race</u> | <u>Count of Unique Patients</u> |
|---------------------------|--|
| White | 1443 (74.11%) |
| Black or African American | 231 (11.86%) |
| Asian | 67 (3.44%) |
| Other | 169 (8.68%) |
| Unknown | 37 (1.90%) |

| <u>Ethnicity</u> | <u>Count of Unique Patients</u> |
|-------------------------|--|
| Hispanic or Latinx | 144 (7.40%) |
| Not Hispanic or Latinx | 1773 (91.06%) |
| Unknown | 30 (1.54%) |

| <u>Sex</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| Male | 1305 (67.03%) |
| Female | 642 (32.97%) |
| Unknown | 0 (0.00%) |

| <u>Age</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| <18 | <12 |
| 18-24 | <12 |
| 25-44 | 97 (4.98%) |
| 45-64 | 706 (36.26%) |
| 65-74 | 641 (32.92%) |
| >75 | 493 (25.32%) |

8 Hematologic Malignancies

Total Patient Count: 9971

| <u>Race</u> | <u>Count of Unique Patients</u> |
|---------------------------|--|
| White | 6240 (62.58%) |
| Black or African American | 2114 (21.20%) |
| Asian | 269 (2.70%) |
| Other | 1153 (11.56%) |
| Unknown | 195 (1.96%) |

| <u>Ethnicity</u> | <u>Count of Unique Patients</u> |
|-------------------------|--|
| Hispanic or Latinx | 1249 (12.53%) |
| Not Hispanic or Latinx | 8597 (86.22%) |
| Unknown | 125 (1.25%) |

| <u>Sex</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| Male | 4867 (48.81%) |
| Female | 5104 (51.19%) |
| Unknown | 0 (0.00%) |

| <u>Age</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| <18 | 79 (0.79%) |
| 18-24 | 133 (1.33%) |
| 25-44 | 1121 (11.24%) |
| 45-64 | 3013 (30.22%) |
| 65-74 | 2685 (26.93%) |
| >75 | 2940 (29.49%) |

9 Lung Cancer

Total Patient Count: 51,219

| <u>Race</u> | <u>Count of Unique Patients</u> |
|---------------------------|--|
| White | 34,507 (67.37%) |
| Black or African American | 10,495 (20.49%) |
| Asian | 1099 (2.15%) |
| Other | 4412 (8.61%) |
| Unknown | 706 (1.38%) |

| <u>Ethnicity</u> | <u>Count of Unique Patients</u> |
|-------------------------|--|
| Hispanic or Latinx | 4728 (9.23%) |
| Not Hispanic or Latinx | 45990 (89.79%) |
| Unknown | 501 (0.98%) |

| <u>Sex</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| Male | <21,000 |
| Female | 30,717 (59.97%) |
| Unknown | <21,000 |

| <u>Age</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| <18 | 81 (0.16%) |
| 18-24 | 180 (0.35%) |
| 25-44 | 3006 (5.87%) |
| 45-64 | 14,156 (27.64%) |
| 65-74 | 14,967 (29.22%) |
| >75 | 18,829 (36.76%) |

10 Melanoma

Total Patient Count: 1423

| <u>Race</u> | <u>Count of Unique Patients</u> |
|---------------------------|--|
| White | 1301 (91.43%) |
| Black or African American | 24 (1.69%) |
| Asian | 12 (0.84%) |
| Other | 68 (4.78%) |
| Unknown | 18 (1.26%) |

| <u>Ethnicity</u> | <u>Count of Unique Patients</u> |
|-------------------------|--|
| Hispanic or Latinx | 55 (3.87%) |
| Not Hispanic or Latinx | 1351 (94.94%) |
| Unknown | 17 (1.19%) |

| <u>Sex</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| Male | 744 (52.28%) |
| Female | 679 (47.72%) |
| Unknown | 0 (0.00%) |

| <u>Age</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| <18 | <13 |
| 18-24 | <13 |
| 25-44 | 160 (11.24%) |
| 45-64 | 484 (34.01%) |
| 65-74 | 360 (24.30%) |
| >75 | 406 (28.53%) |

11 Sarcoma

Total Patient Count: 455

| <u>Race</u> | <u>Count of Unique Patients</u> |
|---------------------------|--|
| White | 291 (63.96%) |
| Black or African American | 94 (20.66%) |
| Asian | <12 |
| Other | 51 (11.21%) |
| Unknown | <12 |

| <u>Ethnicity</u> | <u>Count of Unique Patients</u> |
|-------------------------|--|
| Hispanic or Latinx | <73 |
| Not Hispanic or Latinx | 382 (83.96%) |
| Unknown | <73 |

| <u>Sex</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| Male | 190 (41.76%) |
| Female | 265 (58.24%) |
| Unknown | 0 (0.00%) |

| <u>Age</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| <18 | <12 |
| 18-24 | <12 |
| 25-44 | 45 (9.89%) |
| 45-64 | 135 (29.67%) |
| 65-74 | 136 (29.89%) |
| >75 | 133 (29.23%) |

12 Breast Cancer

Total Patient Count: 17,734

| <u>Race</u> | <u>Count of Unique Patients</u> |
|---------------------------|--|
| White | 11,625 (65.55%) |
| Black or African American | 3974 (22.41%) |
| Asian | 484 (2.73%) |
| Other | 1405 (7.92%) |
| Unknown | 246 (1.39%) |

| <u>Ethnicity</u> | <u>Count of Unique Patients</u> |
|-------------------------|--|
| Hispanic or Latinx | 1565 (8.82%) |
| Not Hispanic or Latinx | 15,996 (90/2%) |
| Unknown | 173 (0.98%) |

| <u>Sex</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| Male | 193 (1.09%) |
| Female | 17,541 (98.91%) |
| Unknown | 0 (0.00%) |

| <u>Age</u> | <u>Count of Unique Patients</u> |
|-------------------|--|
| <18 | <12 |
| 18-24 | <12 |
| 25-44 | 893 (5.04%) |
| 45-64 | 6221 (35.08%) |
| 65-74 | 4847 (27.33%) |
| >75 | 5767 (32.52%) |