



Demographic Data by Priority Condition – Musculoskeletal and Bone & Joint

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 Osteoarthritis

Total Patient Count: 130,260

<u>Race</u>	<u>Count of Unique Patients</u>
White	79,202 (60.80%)
Black or African American	32,966 (25.31%)
Asian	2384 (1.83%)
Other	14,002 (10.75%)
Unknown	1706 (1.31%)

<u>Ethnicity</u>	<u>Count of Unique Patients</u>
Hispanic or Latinx	16,124 (12.38%)
Not Hispanic or Latinx	113,004 (86.75%)
Unknown	1132 (0.87%)

<u>Sex</u>	<u>Count of Unique Patients</u>
Male	51,921 (39.86%)
Female	78,339 (60.14%)
Unknown	0 (0.00%)

<u>Age</u>	<u>Count of Unique Patients</u>
<18	100 (0.08%)
18-24	508 (0.39%)
25-44	9912 (7.61%)
45-64	46,087 (35.38%)
65-74	36,649 (28.14%)
>75	37,004 (28.41%)

5 Degenerative Disc Disease

Total Patient Count: 9477

<u>Race</u>	<u>Count of Unique Patients</u>
White	6080 (64.16%)
Black or African American	2069 (21.83%)
Asian	223 (2.35%)
Other	1014 (10.70%)
Unknown	91 (0.96%)

<u>Ethnicity</u>	<u>Count of Unique Patients</u>
Hispanic or Latinx	1134 (11.97%)
Not Hispanic or Latinx	8281 (87.38%)
Unknown	62 (0.65%)

<u>Sex</u>	<u>Count of Unique Patients</u>
Male	4035 (42.58%)
Female	5442 (57.42%)
Unknown	0 (0.00%)

<u>Age</u>	<u>Count of Unique Patients</u>
<18	<42 (--%)
18-24	<42 (--%)
25-44	1374 (14.50%)
45-64	4428 (46.72%)
65-74	2015 (21.26%)
>75	1618 (17.07%)

6 Pain

Total Patient Count: 280,644

<u>Race</u>	<u>Count of Unique Patients</u>
White	139,992 (49.88%)
Black or African American	91,725 (32.68%)
Asian	6804 (2.42%)
Other	37,454 (13.35%)
Unknown	4669 (1.66%)

<u>Ethnicity</u>	<u>Count of Unique Patients</u>
Hispanic or Latinx	50,135 (17.86%)
Not Hispanic or Latinx	227,258 (80.98%)
Unknown	3251 (1.16%)

<u>Sex</u>	<u>Count of Unique Patients</u>
Male	<115,094 (--%)
Female	165,550 (58.99%)
Unknown	<115,094 (--%)

<u>Age</u>	<u>Count of Unique Patients</u>
<18	18,614 (6.63%)
18-24	13,347 (4.76%)
25-44	76,716 (27.34%)
45-64	87,895 (31.32%)
65-74	41,686 (14.85%)
>75	42,385 (15.10%)