



# Demographic Data by Priority Condition – Neurosciences and Aging

January 1, 2011 – July 31, 2021

## 1 Contents

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1.....	Contents	1
2.....	Report Disclaimer	3
3.....	Data Source	3
4.....	Parkinson’s Disease	4
5.....	Epilepsy	5
6.....	Migraine	6
7.....	Multiple Sclerosis	7
8.....	Amyotrophic Lateral Sclerosis	8
9.....	Stroke	9
10 .....	Post-Operative Delirium	10
11 .....	Alzheimer’s Disease	11

12 ..... Fragile X Syndrome  
..... 12

## 2 Report Disclaimer

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- 1 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.
- 1 **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

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- 1 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](#).
- 1 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 Parkinson's Disease

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**Total Patient Count:** 6675

<b><u>Race</u></b>	<b><u>Count of Unique Patients</u></b>
White	5401 (80.91%)
Black or African American	621 (9.30%)
Asian	256 (3.84%)
Other	606 (9.08%)
Unknown	151 (2.26%)

<b><u>Ethnicity</u></b>	<b><u>Count of Unique Patients</u></b>
Hispanic or Latinx	<692 (--%)
Not Hispanic or Latinx	5983 (89.63%)
Unknown	<692 (--%)

<b><u>Sex</u></b>	<b><u>Count of Unique Patients</u></b>
Male	3980 (59.63%)
Female	<2696 (--%)
Unknown	<2696 (--%)

<b><u>Age</u></b>	<b><u>Count of Unique Patients</u></b>
<18	<12
18-24	<12
25-44	67 (1.00%)
45-64	1032 (15.46%)
65-74	2099 (31.45%)
>75	3474 (52.04%)

## 5 Epilepsy

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**Total Patient Count:** 22,914

<b><u>Race</u></b>	<b><u>Count of Unique Patients</u></b>
White	12,304 (53.07%)
Black or African American	6839 (29.85%)
Asian	439 (1.92%)
Other	2912 (12.71%)
Unknown	420 (1.83%)

<b><u>Ethnicity</u></b>	<b><u>Count of Unique Patients</u></b>
Hispanic or Latinx	3390 (14.79%)
Not Hispanic or Latinx	19,237 (83.95%)
Unknown	287 (1.25%)

<b><u>Sex</u></b>	<b><u>Count of Unique Patients</u></b>
Male	11,120 (48.53%)
Female	11,794 (51.47%)
Unknown	0 (0.00%)

<b><u>Age</u></b>	<b><u>Count of Unique Patients</u></b>
<18	2089 (9.12%)
18-24	1802 (7.86%)
25-44	6864 (29.96%)
45-64	6534 (28.52%)
65-74	2948 (12.87%)
>75	2677 (11.68%)

## 6 Migraine

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**Total Patient Count:** 34,520

<b><u>Race</u></b>	<b><u>Count of Unique Patients</u></b>
White	19,388 (56.16%)
Black or African American	8904 (25.79%)
Asian	705 (2.04%)
Other	4924 (14.26%)
Unknown	599 (1.74%)

<b><u>Ethnicity</u></b>	<b><u>Count of Unique Patients</u></b>
Hispanic or Latinx	6586 (19.08%)
Not Hispanic or Latinx	27,574 (79.88%)
Unknown	360 (1.04%)

<b><u>Sex</u></b>	<b><u>Count of Unique Patients</u></b>
Male	<6925 (--%)
Female	27,595 (79.94%)
Unknown	<6925 (--%)

<b><u>Age</u></b>	<b><u>Count of Unique Patients</u></b>
<18	1128 (3.27%)
18-24	2672 (7.74%)
25-44	14,909 (43.19%)
45-64	11,354 (32.89%)
65-74	2921 (8.46%)
>75	1536 (4.45%)

## 7 Multiple Sclerosis

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**Total Patient Count:** 5532

<b><u>Race</u></b>	<b><u>Count of Unique Patients</u></b>
White	3634 (65.69%)
Black or African American	1238 (22.38%)
Asian	70 (1.27%)
Other	504 (9.11%)
Unknown	86 (1.55%)

<b><u>Ethnicity</u></b>	<b><u>Count of Unique Patients</u></b>
Hispanic or Latinx	541 (9.78%)
Not Hispanic or Latinx	4917 (88.88%)
Unknown	74 (1.34%)

<b><u>Sex</u></b>	<b><u>Count of Unique Patients</u></b>
Male	1481 (26.77%)
Female	4051 (73.23%)
Unknown	0 (0.00%)

<b><u>Age</u></b>	<b><u>Count of Unique Patients</u></b>
<18	16 (0.29%)
18-24	87 (1.57%)
25-44	1812 (32.75%)
45-64	2476 (44.76%)
65-74	829 (14.99%)
>75	312 (5.64%)

## 8 Amyotrophic Lateral Sclerosis

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**Total Patient Count:** 299

<b><u>Race</u></b>	<b><u>Count of Unique Patients</u></b>
White	204 (68.23%)
Black or African American	35 (11.71%)
Asian	<13 (--%)
Other	39 (13.04%)
Unknown	<13 (--%)

<b><u>Ethnicity</u></b>	<b><u>Count of Unique Patients</u></b>
Hispanic or Latinx	<41 (--%)
Not Hispanic or Latinx	258 (86.29%)
Unknown	<41 (--%)

<b><u>Sex</u></b>	<b><u>Count of Unique Patients</u></b>
Male	153 (51.17%)
Female	146 (48.83%)
Unknown	0 (0.00%)

<b><u>Age</u></b>	<b><u>Count of Unique Patients</u></b>
<18	<12 (--%)
18-24	<12 (--%)
25-44	<12 (--%)
45-64	96 (32.11%)
65-74	98 (32.78%)
>75	95 (31.77%)



## 9 Stroke

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**Total Patient Count:** 12,890

<b><u>Race</u></b>	<b><u>Count of Unique Patients</u></b>
White	5562 (43.15%)
Black or African American	5122 (39.74%)
Asian	322 (2.50%)
Other	1603 (12.44%)
Unknown	281 (2.18%)

<b><u>Ethnicity</u></b>	<b><u>Count of Unique Patients</u></b>
Hispanic or Latinx	1849 (14.34%)
Not Hispanic or Latinx	10,858 (84.24%)
Unknown	183 (1.42%)

<b><u>Sex</u></b>	<b><u>Count of Unique Patients</u></b>
Male	6286 (48.77%)
Female	6604 (51.23%)
Unknown	0 (0.00%)

<b><u>Age</u></b>	<b><u>Count of Unique Patients</u></b>
<18	82 (0.64%)
18-24	54 (0.42%)
25-44	865 (6.71%)
45-64	3808 (29.54%)
65-74	3425 (26.57%)
>75	4656 (36.12%)

## 10 Post-Operative Delirium

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**Total Patient Count:** 4572

<b><u>Race</u></b>	<b><u>Count of Unique Patients</u></b>
White	2194 (47.99%)
Black or African American	1636 (35.78%)
Asian	96 (2.1%)
Other	557 (12.18%)
Unknown	89 (1.95%)

<b><u>Ethnicity</u></b>	<b><u>Count of Unique Patients</u></b>
Hispanic or Latinx	627 (13.71%)
Not Hispanic or Latinx	3885 (84.97%)
Unknown	60 (1.31%)

<b><u>Sex</u></b>	<b><u>Count of Unique Patients</u></b>
Male	2173 (47.53%)
Female	2399 (52.47%)
Unknown	0 (0.00%)

<b><u>Age</u></b>	<b><u>Count of Unique Patients</u></b>
<18	19 (0.42%)
18-24	36 (0.79%)
25-44	272 (5.95%)
45-64	982 (21.48%)
65-74	1080 (23.62%)
>75	2183 (47.75%)

## 11 Alzheimer's Disease

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**Total Patient Count:** 6176

<b><u>Race</u></b>	<b><u>Count of Unique Patients</u></b>
White	3198 (51.78%)
Black or African American	2072 (33.55%)
Asian	117 (1.89%)
Other	683 (11.06%)
Unknown	106 (1.72%)

<b><u>Ethnicity</u></b>	<b><u>Count of Unique Patients</u></b>
Hispanic or Latinx	802 (12.99%)
Not Hispanic or Latinx	5297 (85.77%)
Unknown	77 (1.25%)

<b><u>Sex</u></b>	<b><u>Count of Unique Patients</u></b>
Male	2181 (35.31%)
Female	3995 (64.69%)
Unknown	0 (0.00%)

<b><u>Age</u></b>	<b><u>Count of Unique Patients</u></b>
<18	0 (0.00%)
18-24	<12 (--%)
25-44	<12 (--%)
45-64	205 (3.32%)
65-74	654 (10.59%)
>75	5315 (86.06%)

## 12 Fragile X Syndrome

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**Total Patient Count:** 519

<b><u>Race</u></b>	<b><u>Count of Unique Patients</u></b>
White	394 (75.92%)
Black or African American	42 (8.09%)
Asian	<15 (--%)
Other	58 (11.18%)
Unknown	<15 (--%)

<b><u>Ethnicity</u></b>	<b><u>Count of Unique Patients</u></b>
Hispanic or Latinx	<66 (--%)
Not Hispanic or Latinx	453 (87.28%)
Unknown	<66 (--%)

<b><u>Sex</u></b>	<b><u>Count of Unique Patients</u></b>
Male	386 (74.37%)
Female	133 (25.63%)
Unknown	0 (0.00%)

<b><u>Age</u></b>	<b><u>Count of Unique Patients</u></b>
<18	199 (38.34%)
18-24	118 (22.74%)
25-44	137 (26.40%)
45-64	22 (4.24%)
65-74	27 (5.20%)
>75	16 (3.08%)