



WISCONSIN
COLLABORATIVE *for*
HEALTHCARE QUALITY

Migraine Data

WCHQ Data 2023-24



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WCHQ Patient Population

Patients Included in Analysis

- Age: 18+
- At least one visit in 2024 with one of the following CPT Codes:

99201	99241	99342	99384	99397
99202	99242	99343	99385	99401
99203	99243	99344	99386	99403
99204	99244	99345	99387	99404
99205	99245	99347	99391	99420
	99281			
99211	(ED)	99348	99392	99429
	99282			
99212	(ED)	99349	99393	99490
	99283			
99213	(ED)	99350	99394	99495
	99284			
99214	(ED)	99382	99395	99496
	99285			
99215	(ED)	99383	99396	

WCHQ Patient Population - Gender

Total Patients Analyzed: 3,450,016

	Patient Population	%
Female	1,945,096	56.38%
Male	1,504,464	43.61%
Unknown	456	0.01%

WCHQ Patient Population - Age

Age Groups	Patient Population	%
18-29	538,885	15.62%
30-39	506,169	14.67%
40-49	500,942	14.52%
50-59	520,531	15.09%
60-69	633,004	18.35%
70+	750,485	21.75%

WCHQ Patient Population - Race/Ethnicity

Race/Ethnicity	Patient Population	%
American Indian/Alaska Native	24,307	0.70%
Asian/Pacific Islander	79,961	2.32%
Black/African American	217,717	6.31%
Hispanic/Latino	223,332	6.47%
White	2,909,077	84.32%
Unknown/Other/Multi-Racial	190,781	5.53%

WCHQ Patient Population - Geography

Geography	Patient Population	%
Rural Underserved	72,738	2.11%
Rural	348,784	10.11%
Rural Advantaged	335,297	9.72%
Urban Underserved	286,492	8.30%
Urban	1,266,661	36.71%
Urban Advantaged	825,264	23.92%
Unknown/Outside WI	314,913	9.13%

Classifications determined by ZIP Code
classifications outlined by the [HIPxChange](#)

WCHQ Patient Population - Payer

Payer	Patient Population	%
Commercial	2,141,545	62.07%
Medicaid	293,949	8.52%
Medicare	675,281	19.57%
Uninsured	125,375	3.63%
Unknown Payer	213,866	6.20%



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Migraine + Headache Patients diagnosis in 2024

Migraine Dx Codes Included

Clinical Concept	Description	ICD-10-CM Codes
Migraine	Migraine without aura	G43.0*
	Migraine with aura	G43.1*
	Hemiplegic migraine	G43.4*
	Persistent migraine aura without cerebral infarction	G43.5*
	Persistent migraine aura with cerebral infarction	G43.6*
	Chronic migraine	G43.7*, G43.E*
	Other migraine	G43.80*, G43.81*
	Menstrual migraine	G43.82*, G43.83*
	Migraine unspecified	G43.9*
	With status migrainosus	G43.001, G43.011, G43.101, G43.111, G43.401, G43.411, G43.501, G43.511, G43.601, G43.611, G43.701, G43.711, G43.801, G43.811, G43.821, G43.831, G43.901, G43.911, G43.E01, G43.E11

Migraine Dx Codes Excluded

Clinical Concept	Description	ICD-10-CM Codes
Abdominal migraine	Abdominal migraine	G43.D*
Acute confusional migraine	Acute confusional migraine (disorder)	
Allergic migraine	Allergic migraine (disorder)	
Basilar migraine	Basilar migraine and basilar artery migraine (disorder)	
Cluster headache	Custer headache	G44.0*
Drug induced migraine	Migraine caused by estrogen contraceptive (disorder)	
Hemicrania	Episodic or chronic paroxysmal hemicrania	G44.03*, G44.04*
Mixed headache	Chronic mixed headache syndrome (disorder)	
Ophthalmic, ophthalmoplegic, and retinal migraine	Ophthalmic migraine	
	Ophthalmoplegic migraine	G43.B*
	Retinal Migraine	
Periodic headache syndromes	Periodic headache syndromes in child/adult	G43.C*
Stroke	Stroke co-occurrent with migraine (disorder)	
SUNCT	Short lasting unilateral neralgiform headache with conjunctival injection & tearing (SUNCT)	G44.05
TAC	Other trigeminal autonomic cephalgias (TAC)	G44.09
Transformed migraine	Transformed migraine (disorder)	
Vomiting	Cyclical vomiting, in migraine	G43.A*

Headache Dx Codes Included

G44*

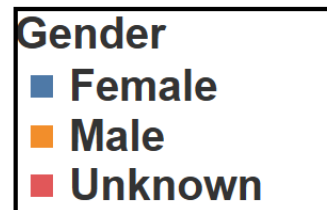
R51*

Migraine and Headache Diagnoses

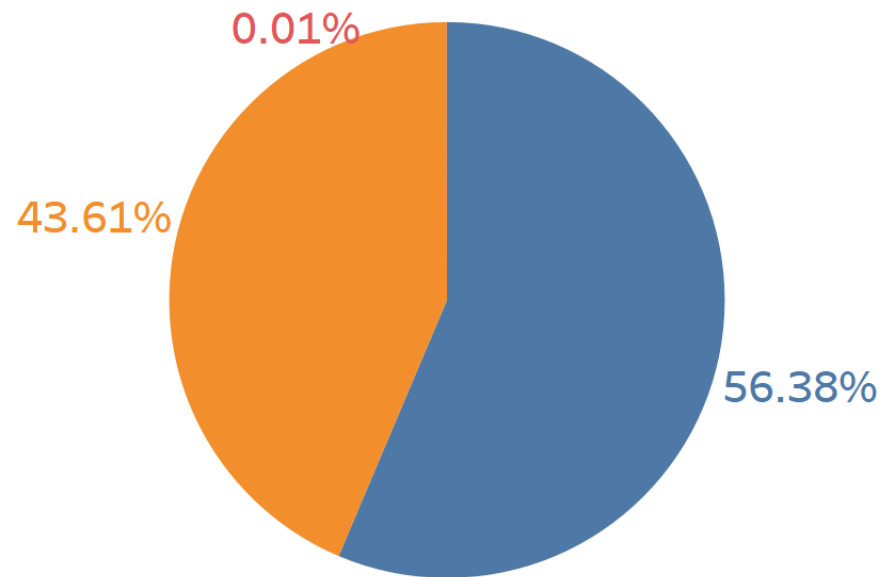
- Migraine Only: 99,337
- Headache Only: 97,544
- Both Migraine and Headache: 19,867

Migraine and Headache Patients - Gender

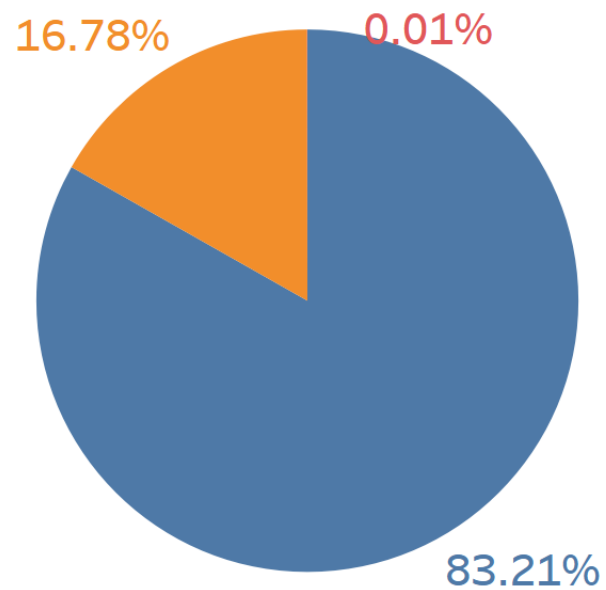
Gender	Migraine Patient	% Migraine	Headache Patient	% Headache
Female	99,185	83.21%	82,155	69.97%
Male	20,007	16.78%	35,246	30.02%
Unknown	12	0.01%	10	0.01%



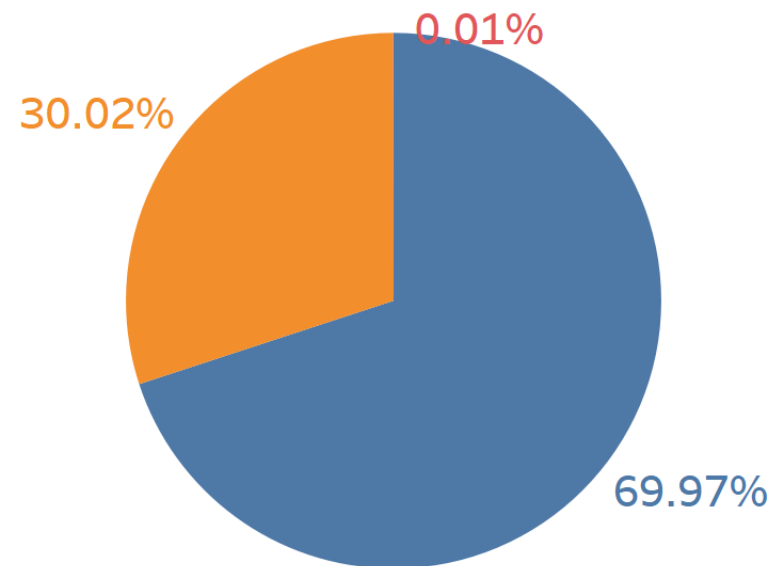
WCHQ Patients



Migraine Patients

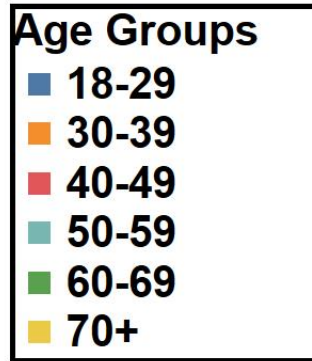


Headache Patients

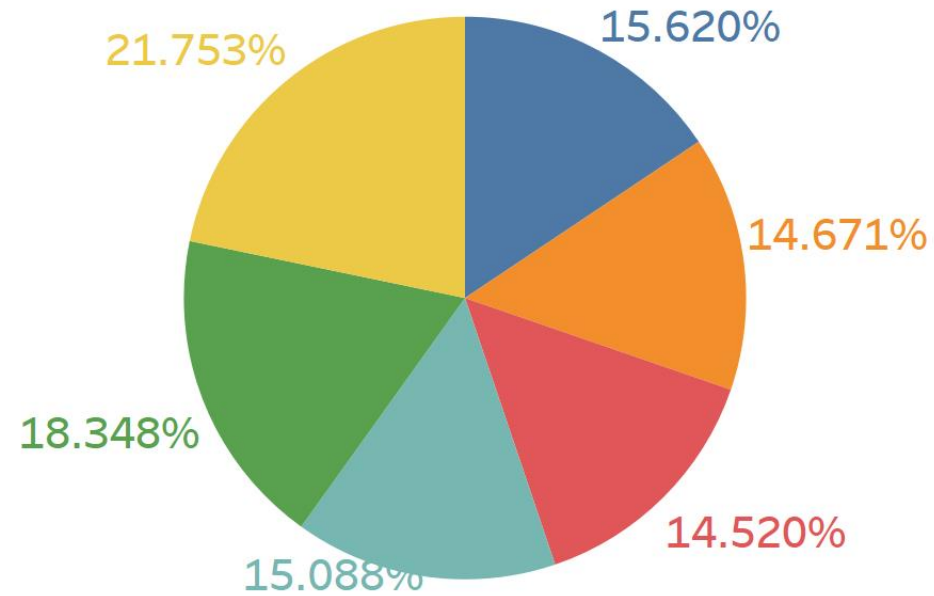


Migraine and Headache Patients - Age

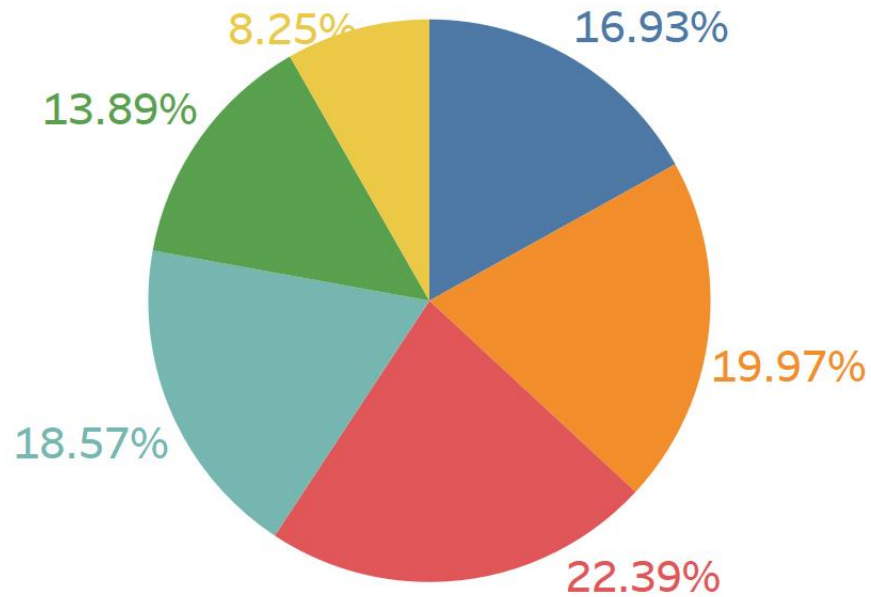
Age Groups	Migraine Patient	% Migraine	Headache Patient	% Headache
18-29	20,179	16.93%	21,523	18.33%
30-39	23,800	19.97%	21,384	18.21%
40-49	26,690	22.39%	20,475	17.44%
50-59	22,142	18.57%	18,178	15.48%
60-69	16,557	13.89%	17,569	14.96%
70+	9,836	8.25%	18,282	15.57%



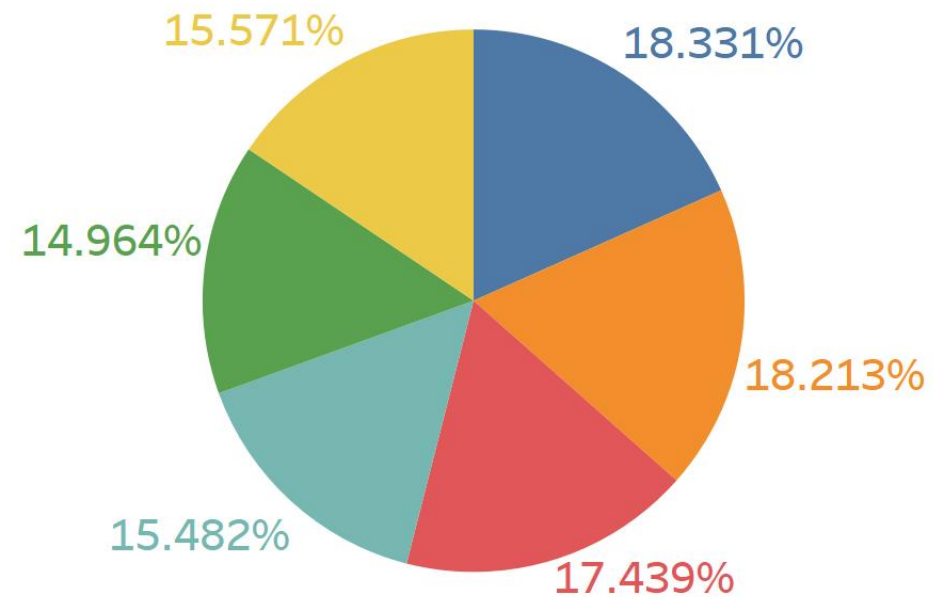
WCHQ Patients



Migraine Patients



Headache Patients

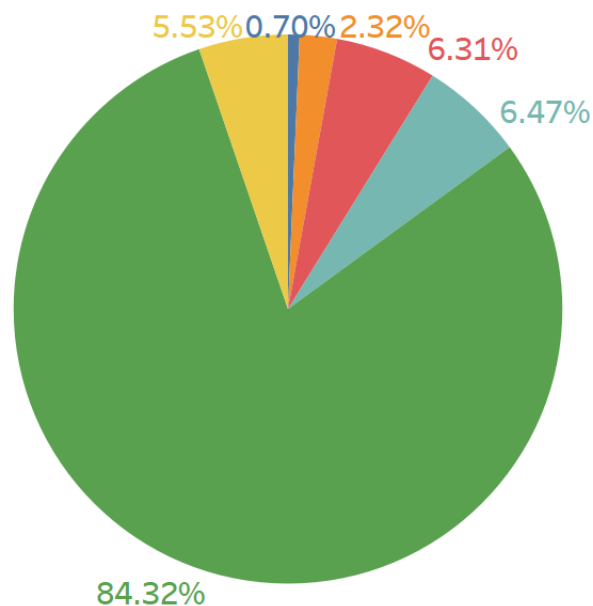


Migraine and Headache Patients- Race/Ethnicity

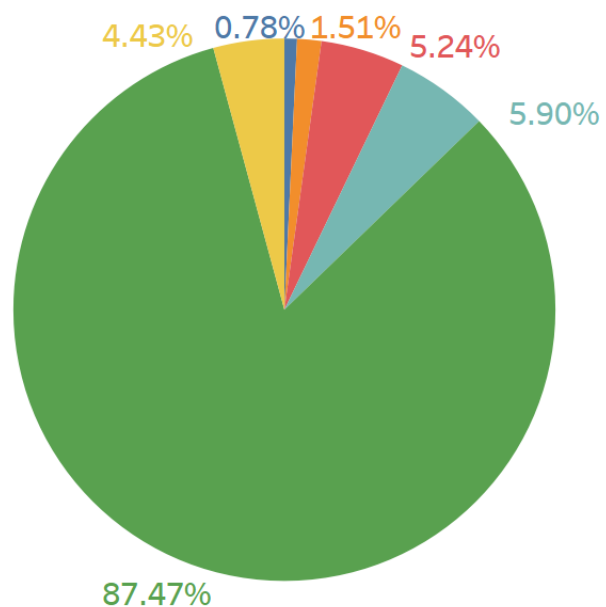
Race Ethnicity	Migraine Patient	% Migraine	Headache Patient	% Headache
American Indian/Alaska Native	932	0.78%	1,012	0.86%
Asian/Pacific Islander	1,801	1.51%	2,944	2.51%
Black/African American	6,241	5.24%	11,991	10.21%
Hispanic/Latino	7,036	5.90%	11,742	10.00%
White	104,268	87.47%	90,978	77.49%
Unknown/Other/Multi-Racial	5,276	4.43%	5,835	4.97%



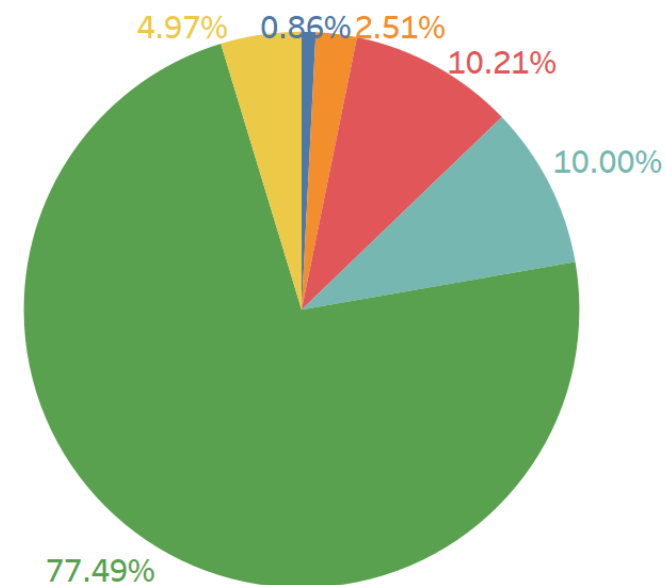
WCHQ Patients



Migraine Patients



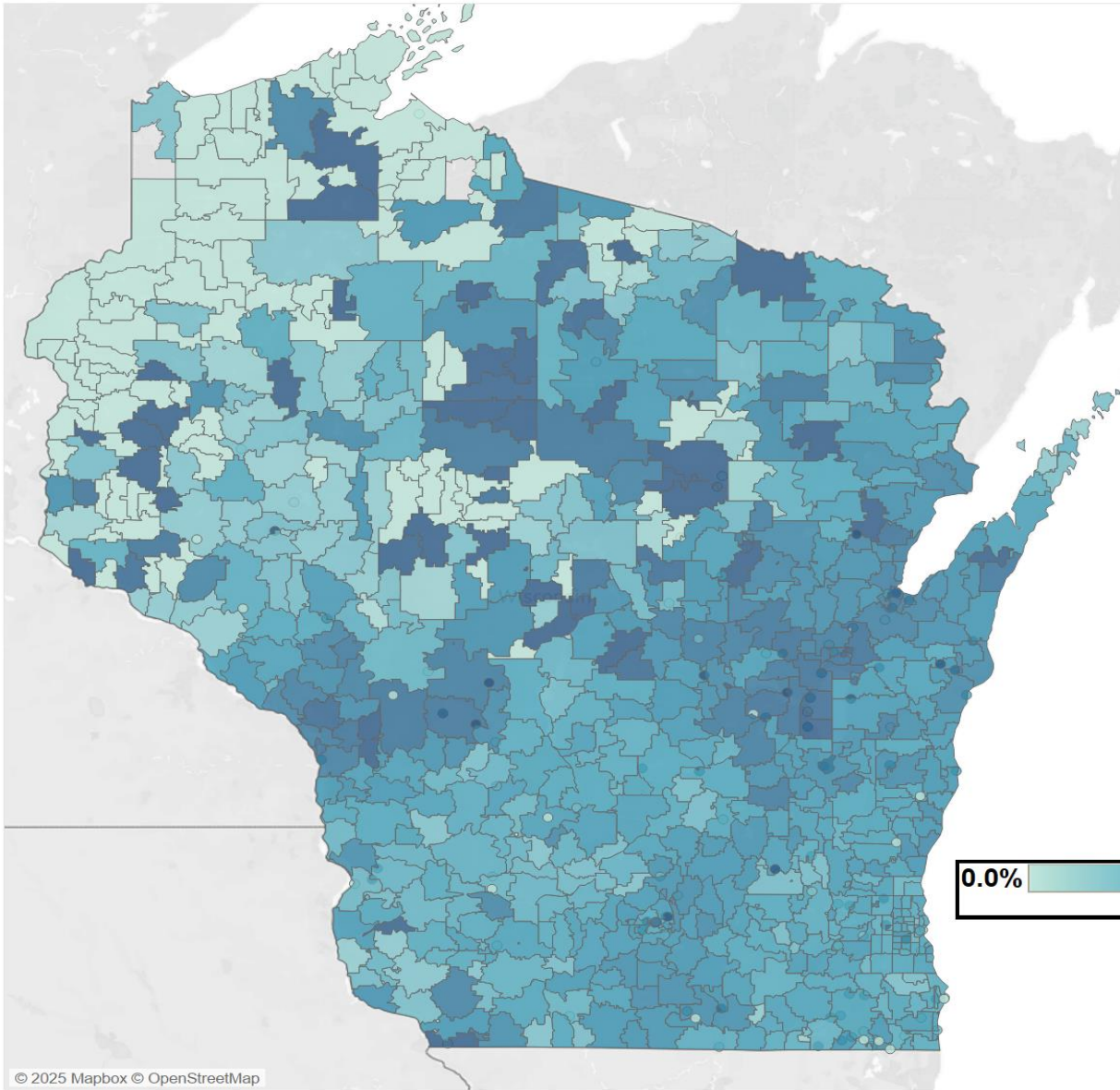
Headache Patients



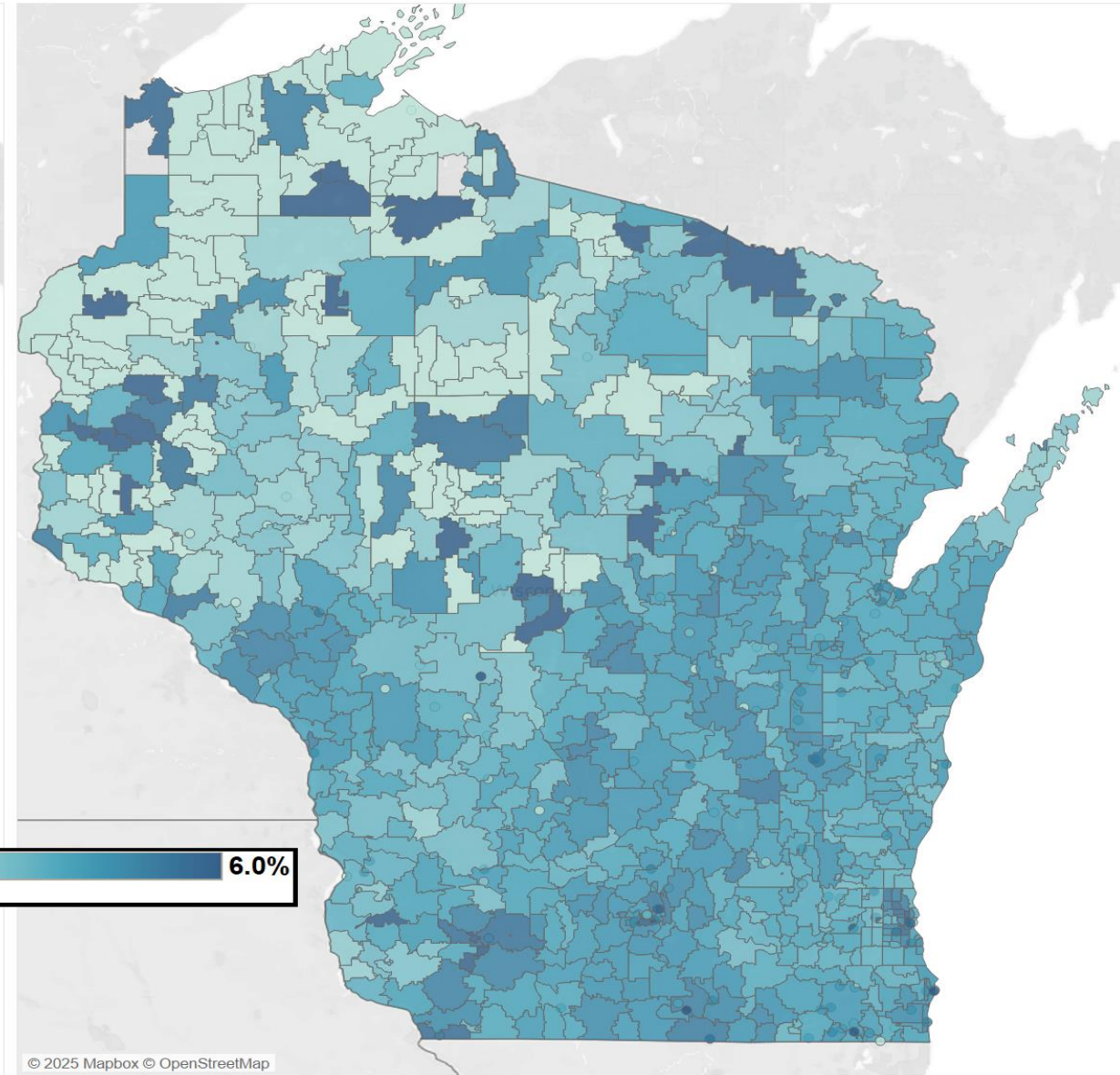
Migraine and Headache Patients - Geography

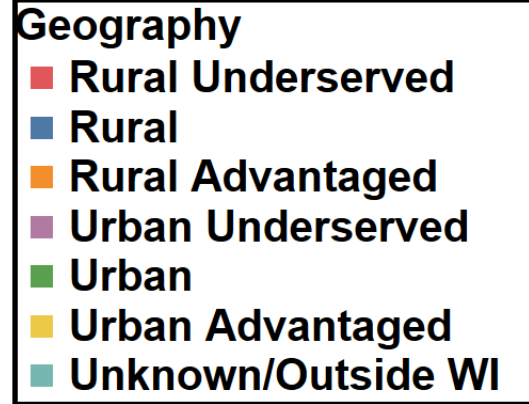
Geography	Migraine Patient	% Migraine	Headache Patient	% Headache
Rural Underserved	2,227	1.87%	2,208	1.88%
Rural	12,101	10.15%	10,869	9.26%
Rural Advantaged	11,663	9.78%	10,356	8.82%
Urban Underserved	8,478	7.11%	13,570	11.56%
Urban	47,706	40.02%	43,570	37.11%
Urban Advantaged	29,113	24.42%	28,110	23.94%
Unknown/Outside WI	7,919	6.64%	8,729	7.43%

Percent of Migraine Patients in 2024

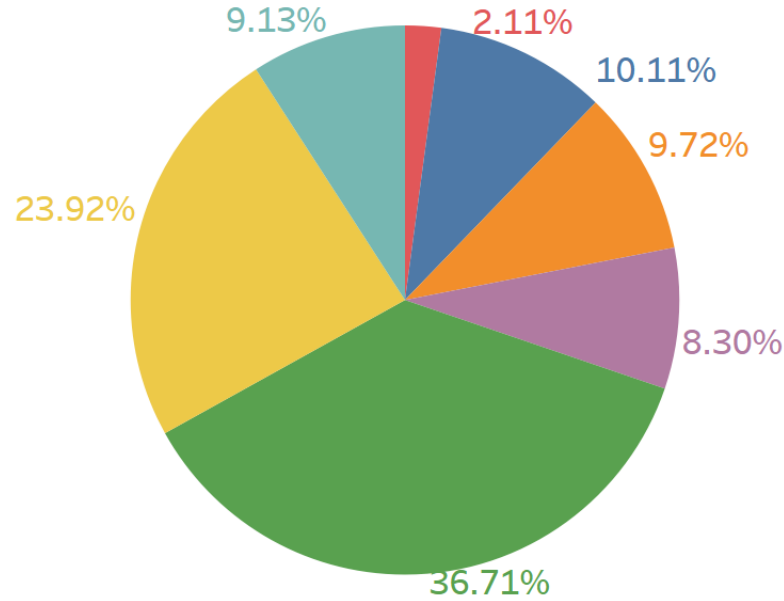


Percent of Headache Patients in 2024

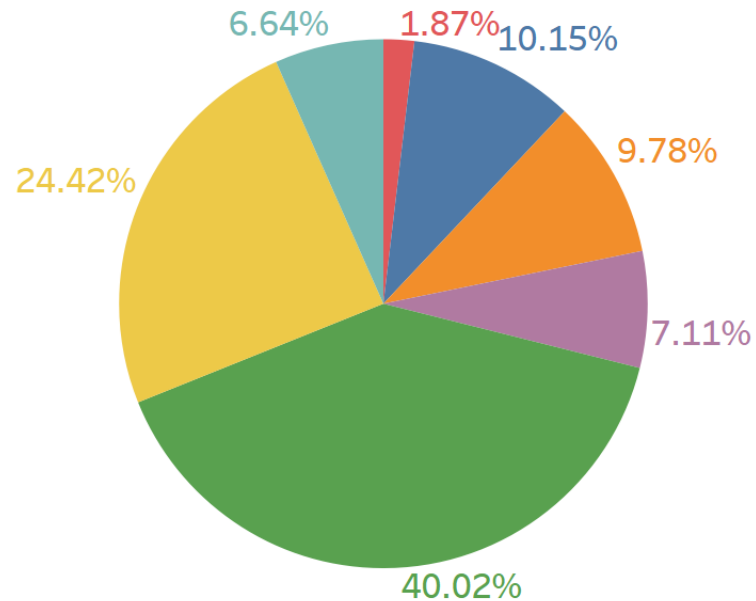




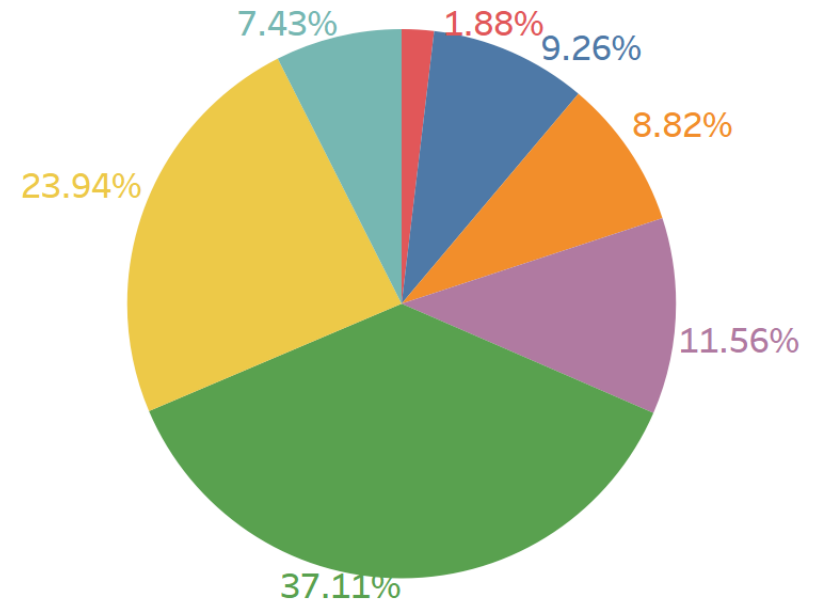
WCHQ Patients



Migraine Patients

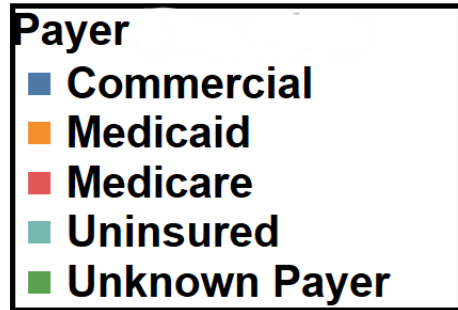


Headache Patients

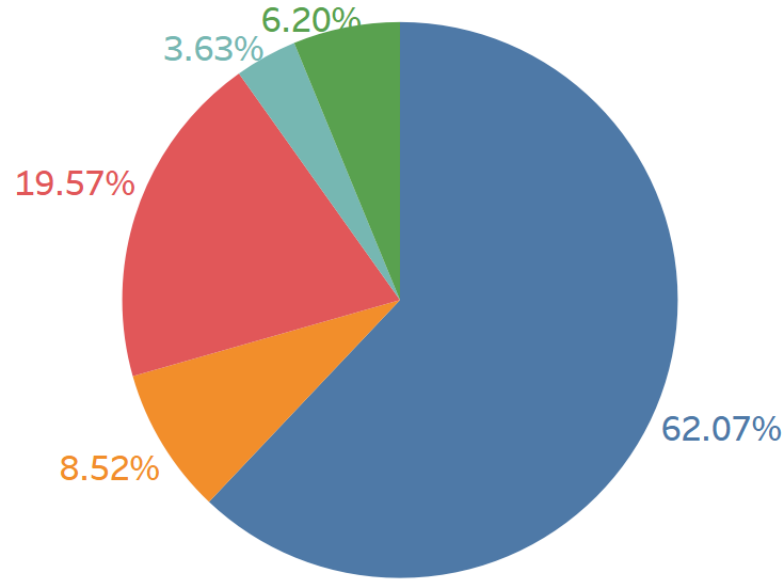


Migraine and Headache Patients - Payer

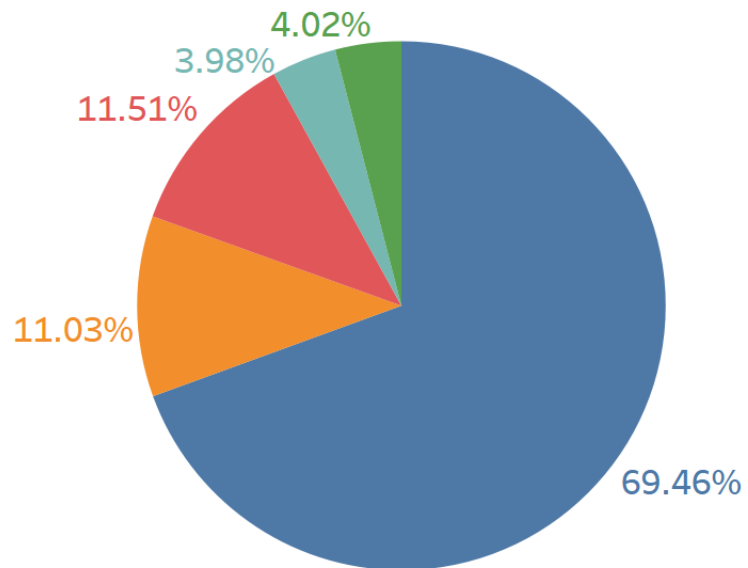
Payer Hierarchy	Migraine Patient	% Migraine	Headache Patient	% Headache
Commercial	82,795	69.46%	70,558	60.09%
Medicaid	13,149	11.03%	16,754	14.27%
Medicare	13,721	11.51%	18,741	15.96%
Uninsured	4,742	3.98%	3,880	3.30%
Unknown Payer	4,797	4.02%	7,478	6.37%



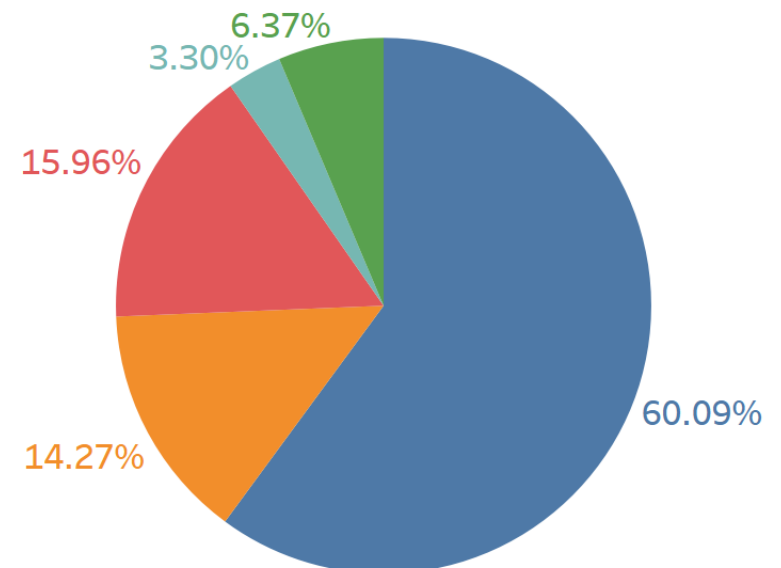
WCHQ Patients



Migraine Patients



Headache Patients



Patient Volume by Member

Member	Total Patients	Migraine Visit in 2024	Migraine Visit in Any Year	Headache Visit in 2024	Headache Visit in Any Year
Q	74,986	2,490 (3.3%)	7,070 (9.4%)	3,033 (4%)	12,072 (16.1%)
W	980,615	34,115 (3.5%)	119,224 (12.2%)	37,566 (3.8%)	213,649 (21.8%)
E	420,190	20,625 (4.9%)	53,640 (12.8%)	14,429 (3.4%)	96,512 (23%)
Y	39,895	931 (2.3%)	2,464 (6.2%)	1,822 (4.6%)	5,380 (13.5%)
T	22,467	606 (2.7%)	2,052 (9.1%)	463 (2.1%)	4,382 (19.5%)
U	356,626	10,399 (2.9%)	34,899 (9.8%)	8,038 (2.3%)	41,017 (11.5%)
A	180,322	7,174 (4%)	21,334 (11.8%)	5,594 (3.1%)	30,366 (16.8%)
S	164,276	4,123 (2.5%)	16,225 (9.9%)	5,438 (3.3%)	33,714 (20.5%)
D	14,371	311 (2.2%)	1,116 (7.8%)	307 (2.1%)	2,174 (15.1%)
F	105,344	2,469 (2.3%)	9,767 (9.3%)	1,910 (1.8%)	16,732 (15.9%)
G	419,766	20,611 (4.9%)	53,501 (12.7%)	14,422 (3.4%)	95,910 (22.8%)
Z	155,458	4,994 (3.2%)	14,477 (9.3%)	4,509 (2.9%)	29,226 (18.8%)
X	74,986	2,490 (3.3%)	6,954 (9.3%)	3,033 (4%)	12,050 (16.1%)
C	14,190	183 (1.3%)	1,088 (7.7%)	475 (3.3%)	2,530 (17.8%)
V	24,495	546 (2.2%)	1,701 (6.9%)	1,324 (5.4%)	3,506 (14.3%)
B	313,562	12,280 (3.9%)	24,526 (7.8%)	12,502 (4%)	40,946 (13.1%)
N	419,766	20,611 (4.9%)	53,501 (12.7%)	14,422 (3.4%)	95,910 (22.8%)
M	74,986	2,490 (3.3%)	7,515 (10%)	3,033 (4%)	13,100 (17.5%)
L	367,190	11,376 (3.1%)	31,462 (8.6%)	12,699 (3.5%)	63,495 (17.3%)
K	10,298	568 (5.5%)	1,068 (10.4%)	327 (3.2%)	1,405 (13.6%)

Takeaways

- Migraines may be underdiagnosed (3.5%)
 - Black/African American, Hispanic/Latino, Medicare, and Urban Underserved areas may be more susceptible to underdiagnosing
- Women more 4 times more likely to experience a migraine compared to men
- Migraines less prevalent in older population - typical working-class ages more likely to experience them
- Variation in diagnosis rates across members (1.3% - 5.5%)

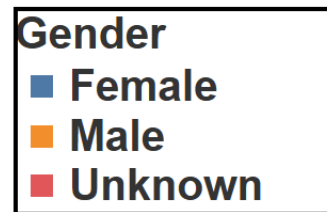


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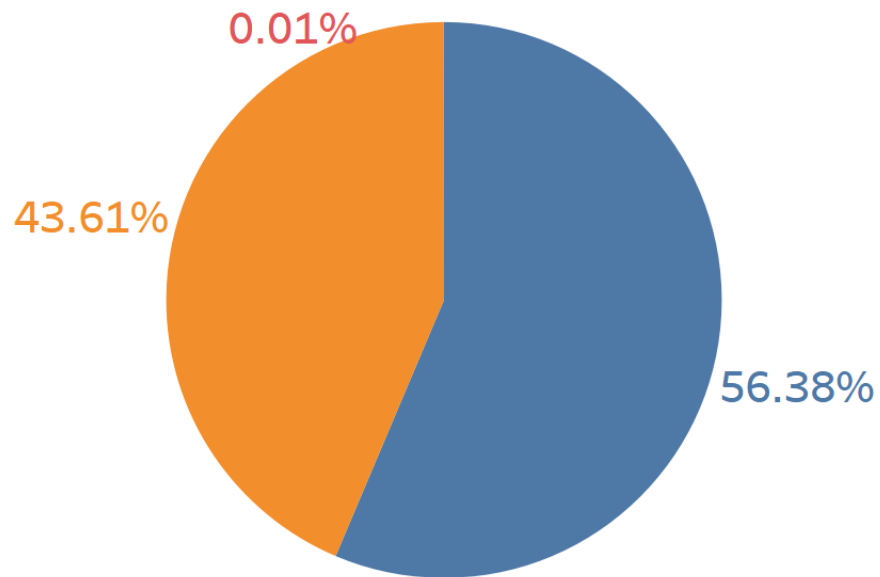
Migraine + Headache Patients Seen in Neurology

Neurology: Migraine and Headache Patients - Gender

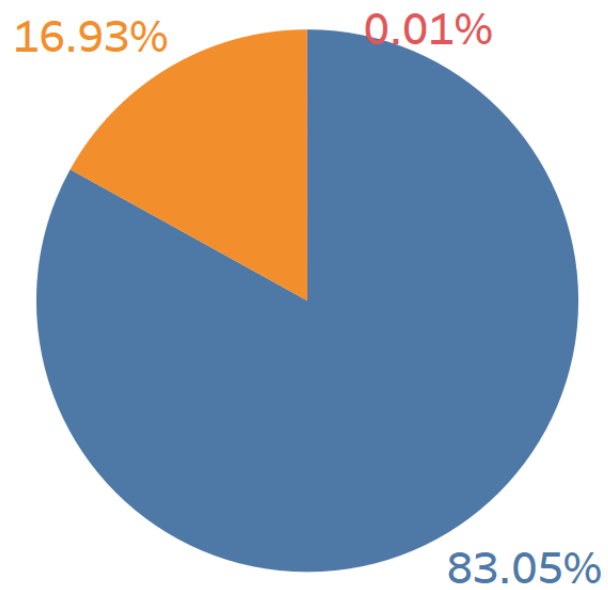
Gender	Migraine Patient	% Migraine	Headache Patient	% Headache
Female	27,471	83.05%	16,986	71.45%
Male	5,601	16.93%	6,783	28.53%
Unknown	4	0.01%	4	0.02%



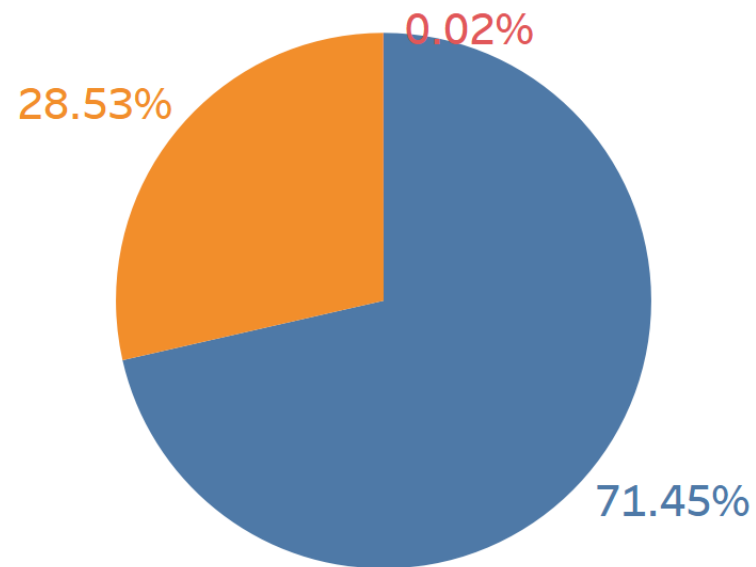
WCHQ Patients



Migraine Patients

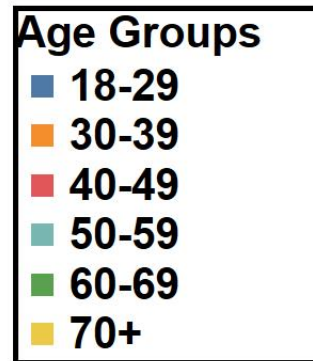


Headache Patients

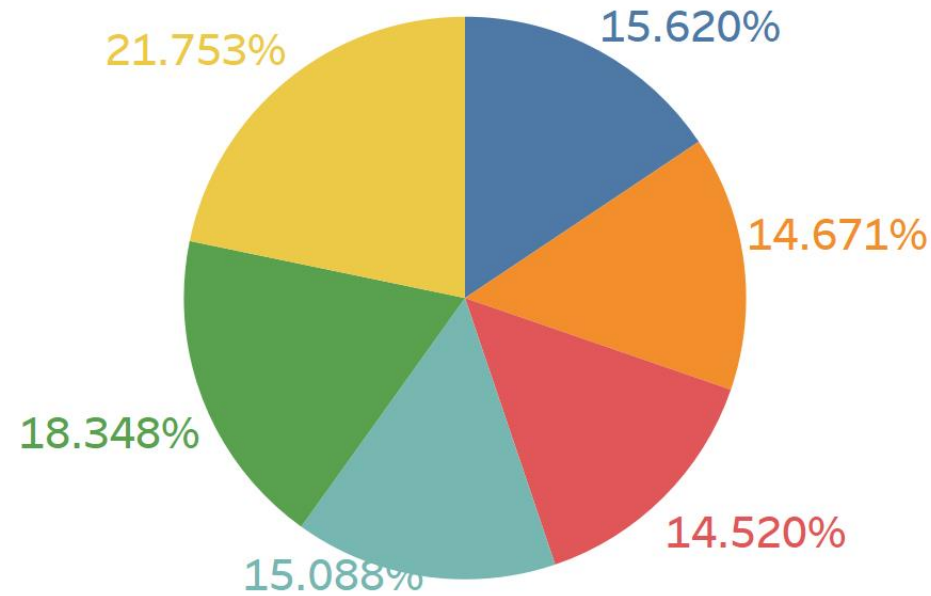


Neurology: Migraine and Headache Patients - Age

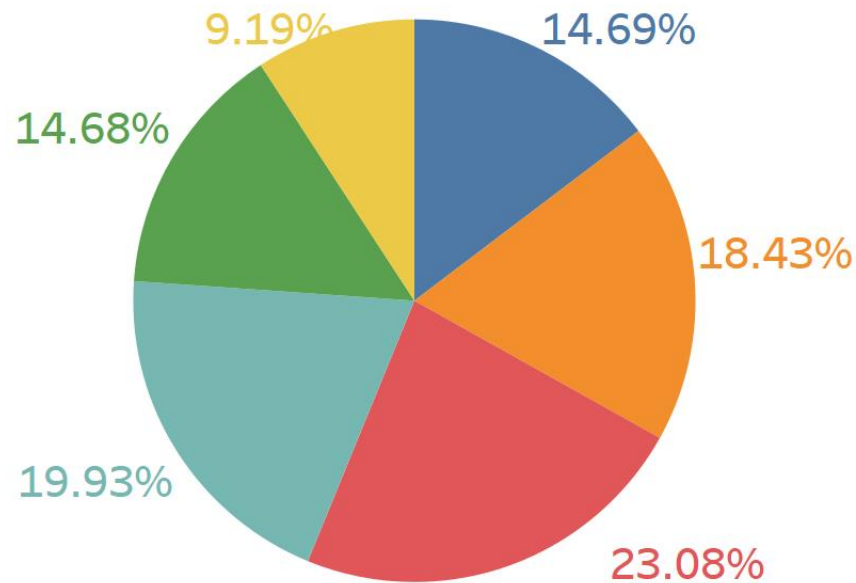
Age Groups	Migraine Patient	% Migraine	Headache Patient	% Headache
18-29	4,858	14.69%	2,851	11.99%
30-39	6,097	18.43%	3,497	14.71%
40-49	7,633	23.08%	4,167	17.53%
50-59	6,591	19.93%	4,266	17.94%
60-69	4,857	14.68%	4,221	17.76%
70+	3,040	9.19%	4,771	20.07%



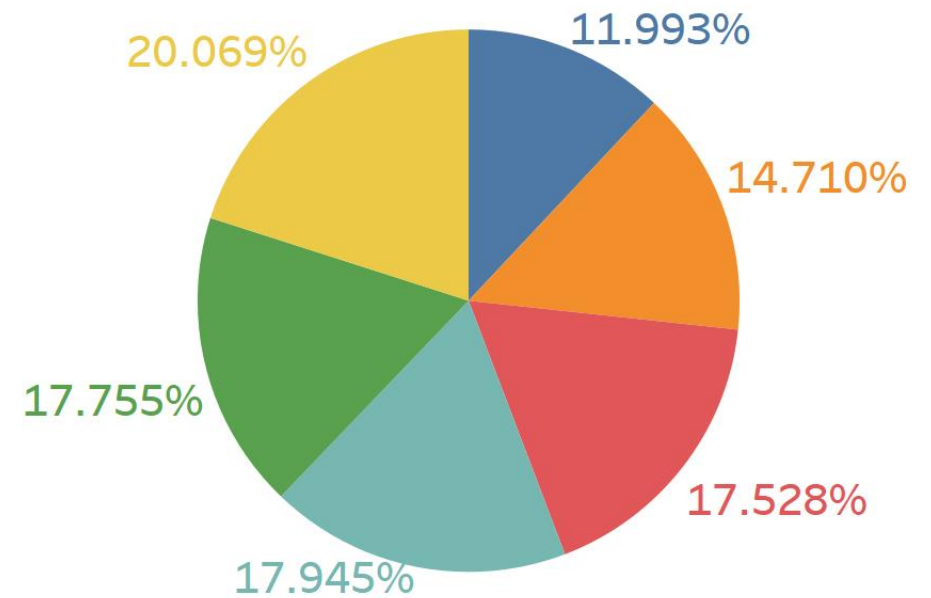
WCHQ Patients



Migraine Patients



Headache Patients

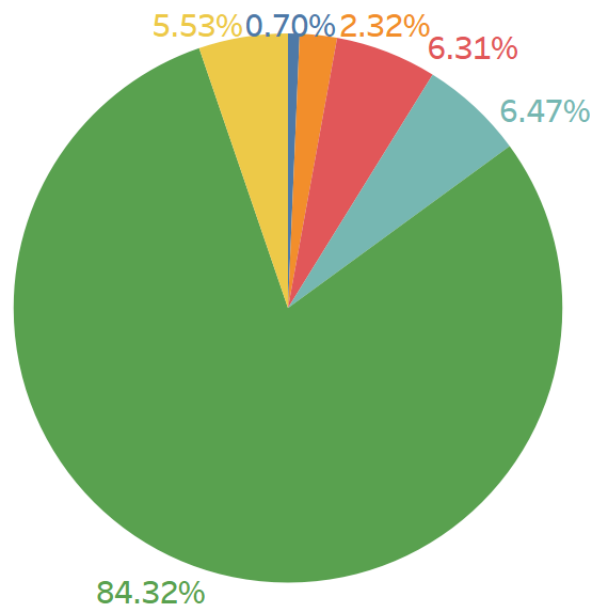


Neurology: Migraine and Headache Patients- Race/Ethnicity

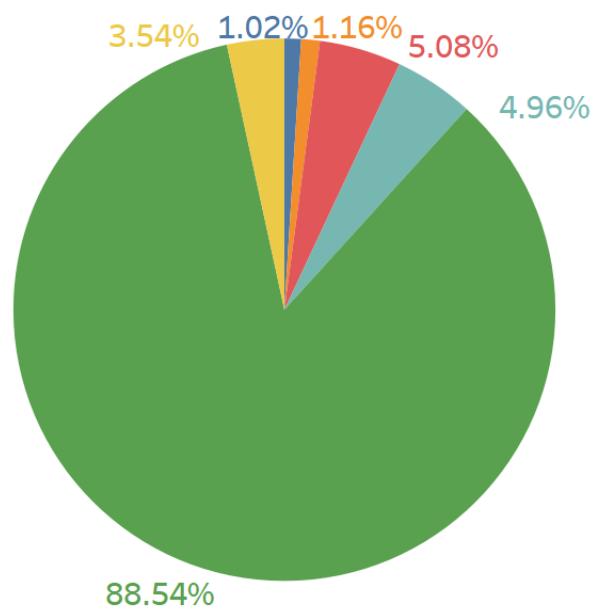
Race Ethnicity	Migraine Patient	% Migraine	Headache Patient	% Headache
American Indian/Alaska Native	339	1.02%	226	0.95%
Asian/Pacific Islander	384	1.16%	360	1.51%
Black/African American	1,681	5.08%	1,792	7.54%
Hispanic/Latino	1,639	4.96%	1,500	6.31%
White	29,286	88.54%	20,074	84.44%
Unknown/Other/Multi-Racial	1,171	3.54%	845	3.55%



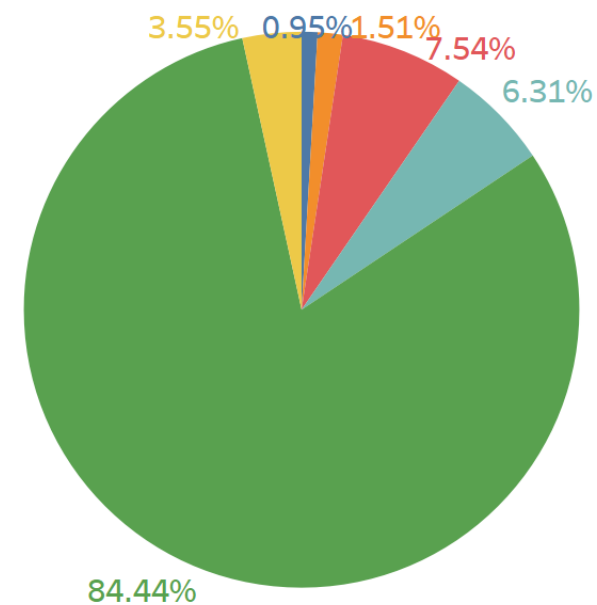
WCHQ Patients



Migraine Patients

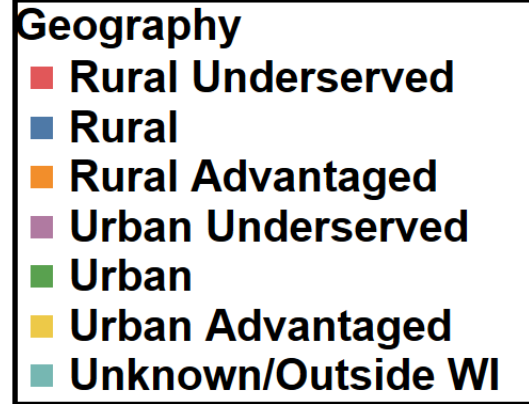


Headache Patients

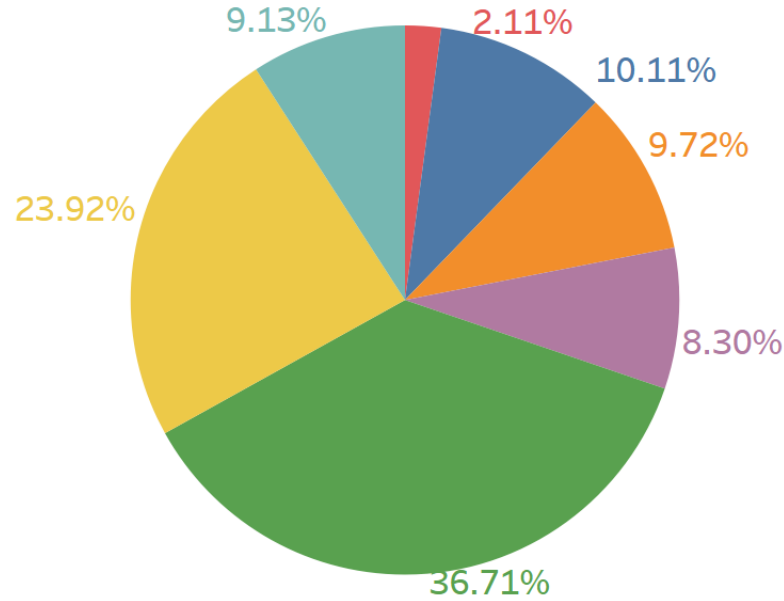


Neurology: Migraine and Headache Patients - Geography

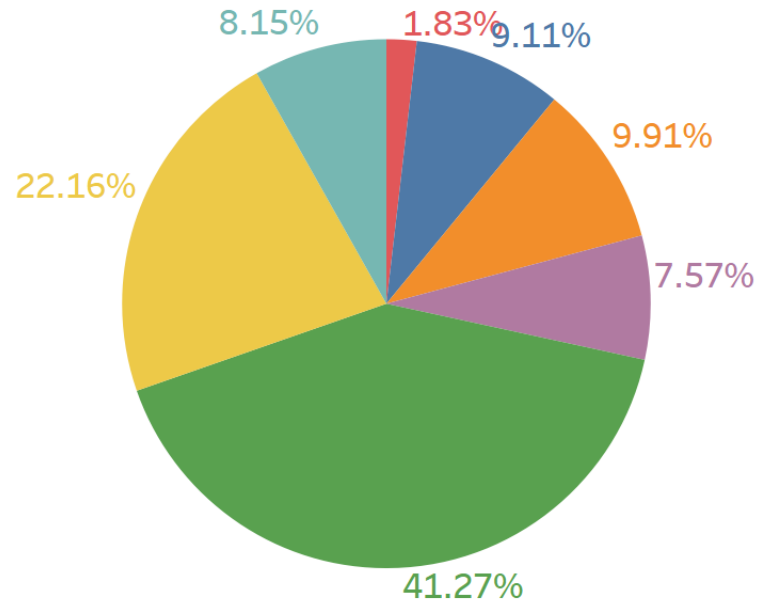
Geography	Migraine Patient	% Migraine	Headache Patient	% Headache
Rural Underserved	604	1.83%	418	1.76%
Rural	3,014	9.11%	2,092	8.80%
Rural Advantaged	3,278	9.91%	2,319	9.75%
Urban Underserved	2,504	7.57%	2,358	9.92%
Urban	13,649	41.27%	9,474	39.85%
Urban Advantaged	7,331	22.16%	5,057	21.27%
Unknown/Outside WI	2,696	8.15%	2,055	8.64%



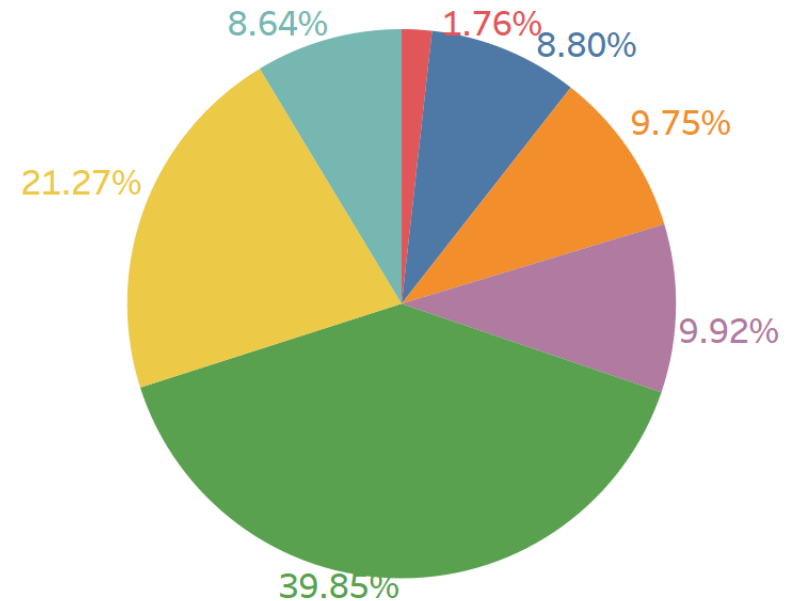
WCHQ Patients



Migraine Patients

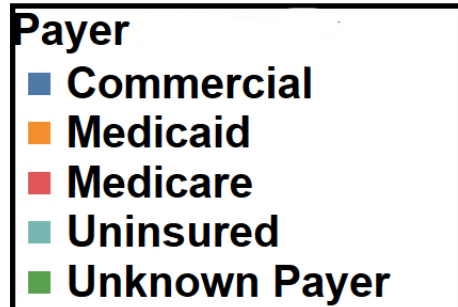


Headache Patients

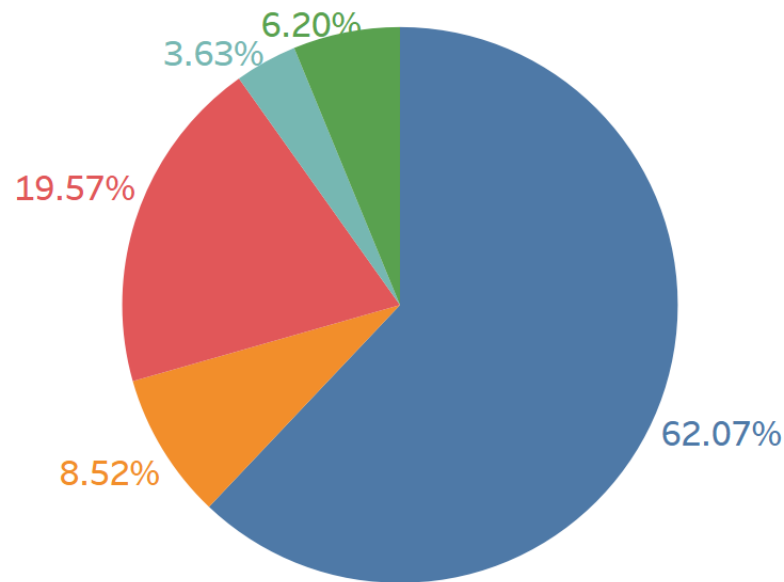


Neurology: Migraine and Headache Patients - Payer

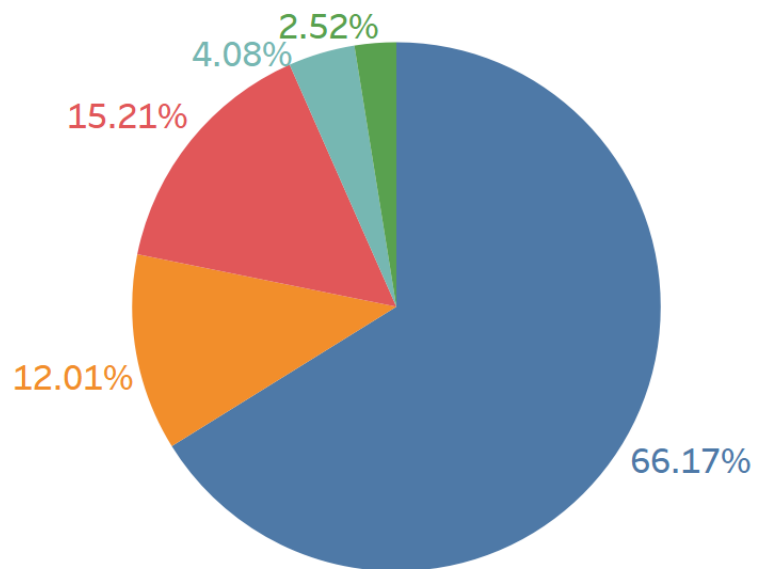
Payer Hierarchy	Migraine Patient	% Migraine	Headache Patient	% Headache
Commercial	21,887	66.17%	14,193	59.70%
Medicaid	3,974	12.01%	2,939	12.36%
Medicare	5,032	15.21%	5,105	21.47%
Uninsured	1,348	4.08%	748	3.15%
Unknown Payer	835	2.52%	788	3.31%



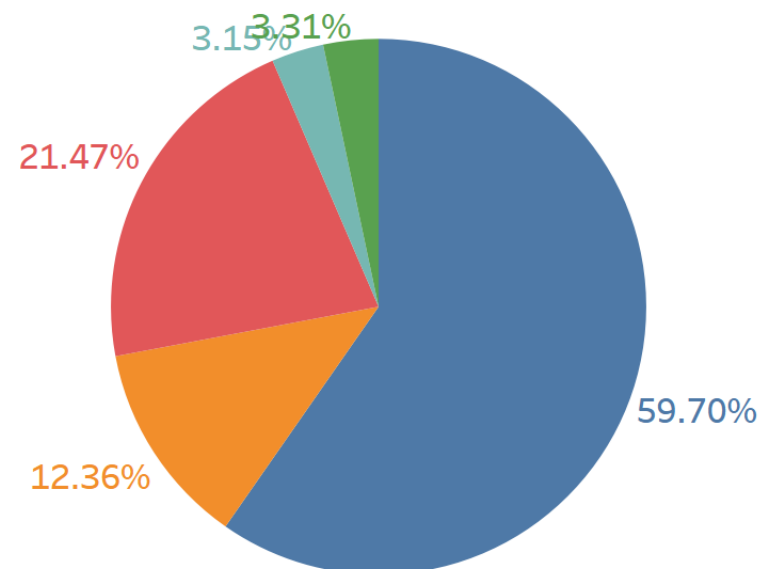
WCHQ Patients



Migraine Patients



Headache Patients



Takeaways

- 27.4% of those experiencing migraines were seen by a neurologist
- Headache vs. Migraine diagnosis discrepancies reduced in Black/African American, Hispanic/Latino, Urban Underserved, and Medicare patients



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Migraine Patients - Medication Review

Acute Medication Codes Included

Medication Class	Generic Name	RxCUI
Oral		
Analgesics	Acetaminophen, including combinations	161, 108038, 689576
	chlorpromazine	2403
	metoclopramide	6915
	prochlorperazine	8704
Anti-emetics	promethazine	8745
Ditans	lasmiditan	2256930
Ergotamine derivatives	ergotamine/cafeine	214336
	ergotamine (sublingual)	4025
Gepants (CGRP antagonists)	rimegepant	2282307
	ubrogepant	2268216
NSAIDs, including combination products	aspirin, including combinations	1191, 687078, 214250, 466584, 689519
	celecoxib	140587
	diclofenac	3355
	flurbiprofen	4502
	ibuprofen, including combinations	5640
	indomethacin	5782
	ketoprofen	6142
	ketorolac	35827
	mefenamic acid	6693
	nabumetone	31448
	naproxen	7258
	almotriptan	279645
	eletriptan	231049
	frovatriptan	228783
Triptans	sumatriptan/naproxen	797426
	naratriptan	141366
	rizatriptan	88014
	sumatriptan	37418
	zolmitriptan	135775

Medication Class	Generic Name	RxCUI
Nasal		
NSAIDS	keorolac	35827
Triptans	sumatriptan	37418
	zolmitriptan	135775
Ergotamine derivatives	dihydroergotamine mesylate	203176
Gepants (CGRP antagonists)	zavegepant	2637955
Rectal		
Analgesics	acetaminophen	161
Anti-emetics	prochlorperazine	8704
	promethazine	8745
Ergotamine derivatives	ergotamine/cafeine	214336
NSAIDS	aspirin	1191
	indomethacin	5783
	naproxen	7259
Injectable		
Anticonvulsants	valproate	40254
Anti-emetics	chlorpromazine	2403
	droperidol	3648
	metoclopramide	6915
	prochlorperazine	8704
	promethazine	8745
	dihydroergotamine mesylate	203176
Magnesium	magnesium sulfate	6585
NSAIDS	ibuprofen	5640
	indomethacin	5781
	ketorolac	35827
Triptans	sumatriptan	37418

Preventive Medication Codes Included

Medication Class	Generic Name	RxCUI
Injectable		
mab-CGRP Receptor Antagonists	eptinezumab-jjmr	2283045
	erenumab-aooe	2045614
	fremanezumab-vfrm	2056690
	galcanezumab-gnlm	2058868
Neruo toxin	onabotulinumtoxinA	1726293
Oral		
Tricyclic Antidepressant	amitriptyline	704
	notriptyline	7531
ACE Inhibitor	lisinopril	29046
Angiotensin Receptor Blocker	candesartan	214354
Anticonvulsant	divalproex sodium	266856
	topiramate	38404
	valproic acid	11118
Beta-blocker	atenolol	1202
	metoprolol tartrate	203191
	metoprolol succinate	221124
	nadolol	7226
	propranolol	878
	timolol	10600
CGRP Antagonist	atogepant	2571813
	rimegepant	2282307
NMDA Receptor Antagonist	memantine	6719
Selective Serotonin- and Norepinephrine- Reuptake Inhibitor (SNR)	duloxetine	72625
	venlafaxine	39786

Migraine Patients with Preventive Meds

	Preventive Medication		Acute Medication	
Medication Prescribed?	Patient Count	%	Patient Count	%
No	172,204	62.73%	135,946	49.53%
Yes	102,292	37.27%	138,550	50.47%

Migraine Patients with Preventive Meds - Specialties

		Preventive Medication		Acute Medication	
Specialties	Medication Prescribed?	Patient Count	%	Patient Count	%
Family/Internal/Primary Medicine	No	129,474	60.30%	101,756	47.39%
Family/Internal/Primary Medicine	Yes	85,247	39.70%	112,965	52.61%
Neurology	No	17,698	40.70%	16,625	38.24%
Neurology	Yes	25,781	59.30%	26,854	61.76%
Other	No	121,161	60.72%	91,989	46.10%
Other	Yes	78,364	39.28%	107,536	53.90%

Migraine Patients with Preventive Meds - Gender

		Preventive Medication		Acute Medication	
Gender	Medication Prescribed?	Patient Count	%	Patient Count	%
Female	No	138,953	62.25%	108,673	48.68%
Female	Yes	84,267	37.75%	114,547	51.32%
Male	No	33,235	64.85%	27,259	53.19%
Male	Yes	18,013	35.15%	23,989	46.81%
Unknown	No	16	57.14%	14	50%
Unknown	Yes	12	42.86%	14	50%

Migraine Patients with Preventive Meds - Age

Age Groups	Medication Prescribed?	Preventive Medication		Acute Medication	
		Patient Count	%	Patient Count	%
18-29	No	33,508	73.73%	25,594	56.31%
18-29	Yes	11,940	26.27%	19,854	43.69%
30-39	No	37,349	69.54%	27,516	51.23%
30-39	Yes	16,363	30.46%	26,196	48.77%
40-49	No	36,069	61.76%	28,476	48.76%
40-49	Yes	22,329	38.24%	29,922	51.24%
50-59	No	27,899	56.28%	22,939	46.27%
50-59	Yes	21,677	43.72%	26,637	53.73%
60-69	No	22,064	55.88%	18,020	45.64%
60-69	Yes	17,421	44.12%	21,465	54.36%
70+	No	15,315	54.94%	13,401	48.07%
70+	Yes	12,562	45.06%	14,476	51.93%

Migraine Patients with Preventive Meds - Race/Ethnicity

		Preventive Medication		Acute Medication	
Race Ethnicity	Medication Prescribed?	Patient Count	%	Patient Count	%
American Indian/Alaska Native	No	1,437	60.45%	991	41.69%
American Indian/Alaska Native	Yes	940	39.55%	1,386	58.31%
Asian/Pacific Islander	No	2,952	70.50%	2,303	55.00%
Asian/Pacific Islander	Yes	1,235	29.50%	1,884	45.00%
Black/African American	No	10,024	61.64%	5,772	35.49%
Black/African American	Yes	6,238	38.36%	10,490	64.51%
Hispanic/Latino	No	11,063	65.68%	7,421	44.06%
Hispanic/Latino	Yes	5,780	34.32%	9,422	55.94%
White	No	148,624	62.41%	120,357	50.54%
White	Yes	89,504	37.59%	117,771	49.46%
Unknown/Other/Multi-Racial	No	7,486	64.90%	5,823	50.49%
Unknown/Other/Multi-Racial	Yes	4,048	35.10%	5,711	49.51%

Migraine Patients with Preventive Meds - Geography

Geography	Medication Prescribed?	Preventive Medication		Acute Medication	
		Patient Count	%	Patient Count	%
Rural Underserved	No	3,303	62.31%	2,824	53.27%
Rural Underserved	Yes	1,998	37.69%	2,477	46.73%
Rural	No	17,277	62.27%	15,335	55.27%
Rural	Yes	10,467	37.73%	12,409	44.73%
Rural Advantaged	No	16,997	64.13%	14,941	56.37%
Rural Advantaged	Yes	9,506	35.87%	11,562	43.63%
Urban Underserved	No	12,478	59.16%	6,592	31.25%
Urban Underserved	Yes	8,615	40.84%	14,501	68.75%
Urban	No	65,262	59.38%	47,999	43.67%
Urban	Yes	44,649	40.62%	61,912	56.33%
Urban Advantaged	No	45,124	69.44%	38,634	59.45%
Urban Advantaged	Yes	19,863	30.56%	26,353	40.55%
Unknown/Outside WI	No	11,769	62.06%	9,625	50.76%
Unknown/Outside WI	Yes	7,194	37.94%	9,338	49.24%

Migraine Patients with Preventive Meds - Payer

Payer	Medication Prescribed?	Preventive Medication		Acute Medication	
		Patient Count	%	Patient Count	%
Commercial	No	116,088	62.96%	89,606	48.60%
Commercial	Yes	68,287	37.04%	94,769	51.40%
Medicaid	No	20,246	62.13%	13,778	42.28%
Medicaid	Yes	12,341	37.87%	18,809	57.72%
Medicare	No	19,860	55.56%	18,733	52.41%
Medicare	Yes	15,886	44.44%	17,013	47.59%
Uninsured	No	7,254	65.86%	5,746	52.17%
Uninsured	Yes	3,760	34.14%	5,268	47.83%
Unknown Payer	No	8,756	81.27%	8,083	75.02%
Unknown Payer	Yes	2,018	18.73%	2,691	24.98%

Takeaways

- Access to **Neurology** increases likelihood of preventive medication prescription
- No prescription discrepancies observed for **gender** and **race/ethnicity**
- **Urban** and **Urban underserved** areas have a higher percentage of patients with prescriptions
- **Older** patients are more likely to have a prescription for a preventive med
 - This coincides with a larger portion of **Medicare** patients also more likely to have a prescription



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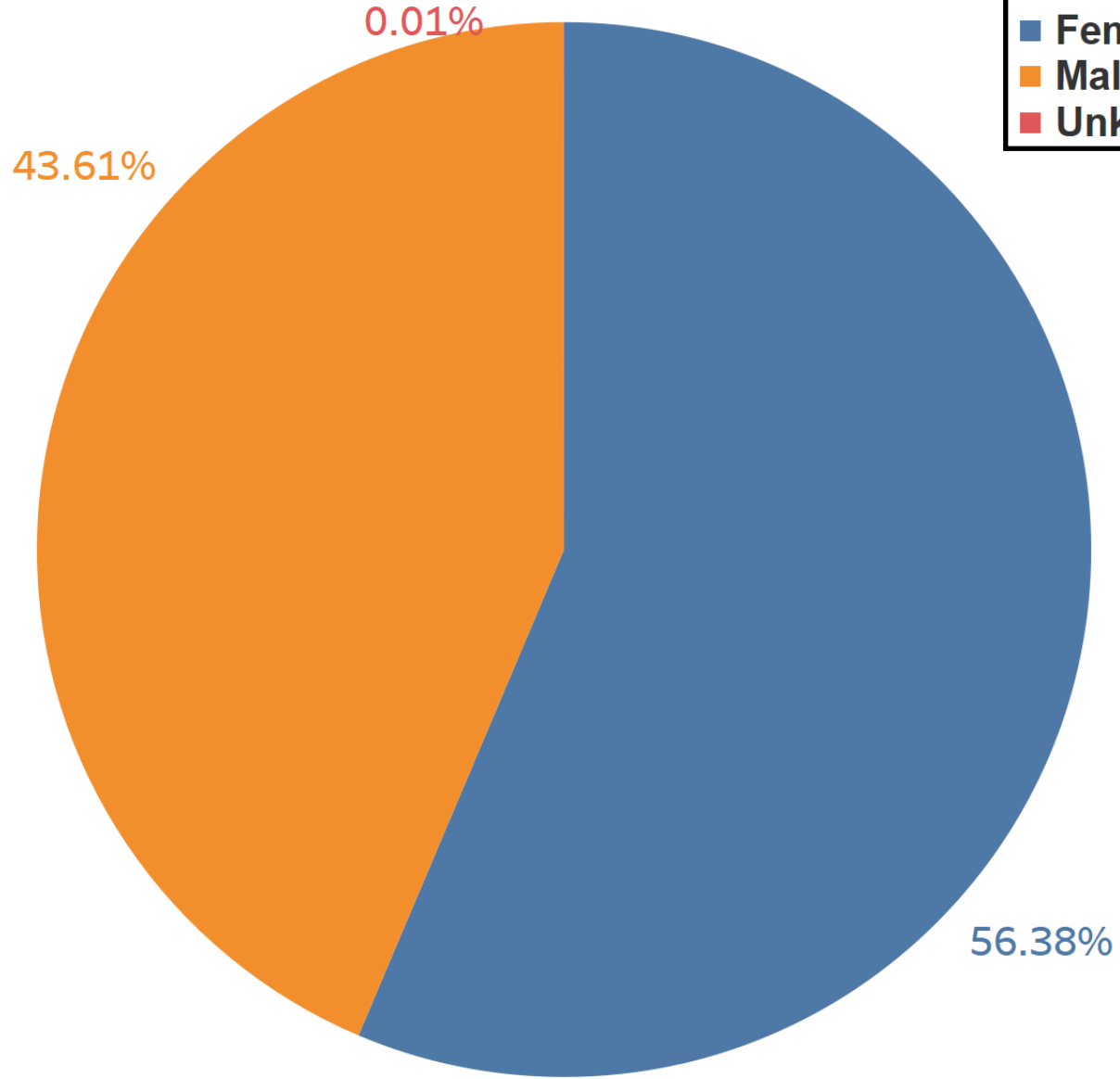
Migraine Patients - Emergency Department Review

Migraine or Headache as Primary Diagnosis

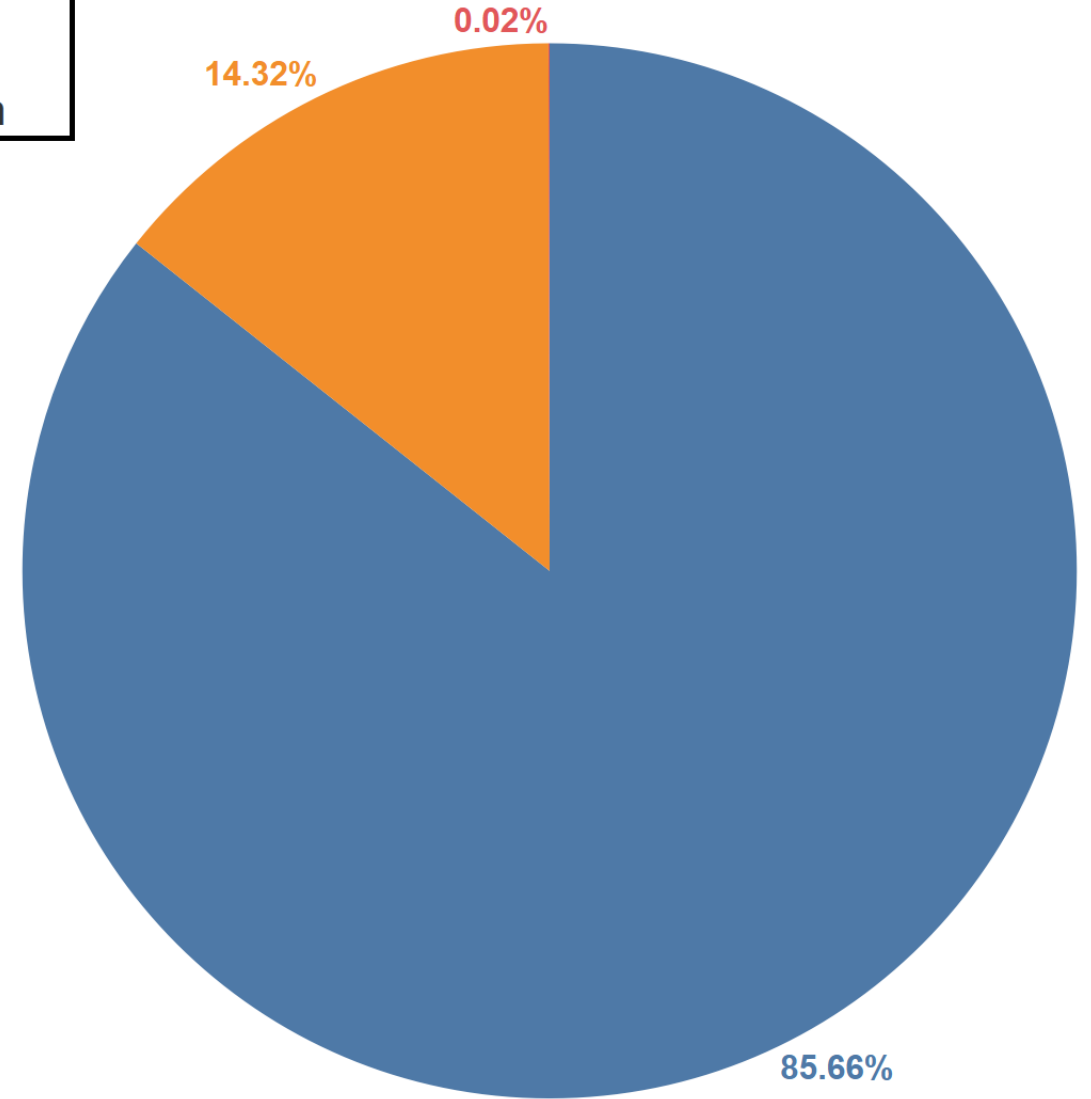
Emergency Department Visits - Gender

Gender	Patient Population	%
Female	7,252	85.66%
Male	1,212	14.32%
Unknown	2	0.02%

WCHQ Patients



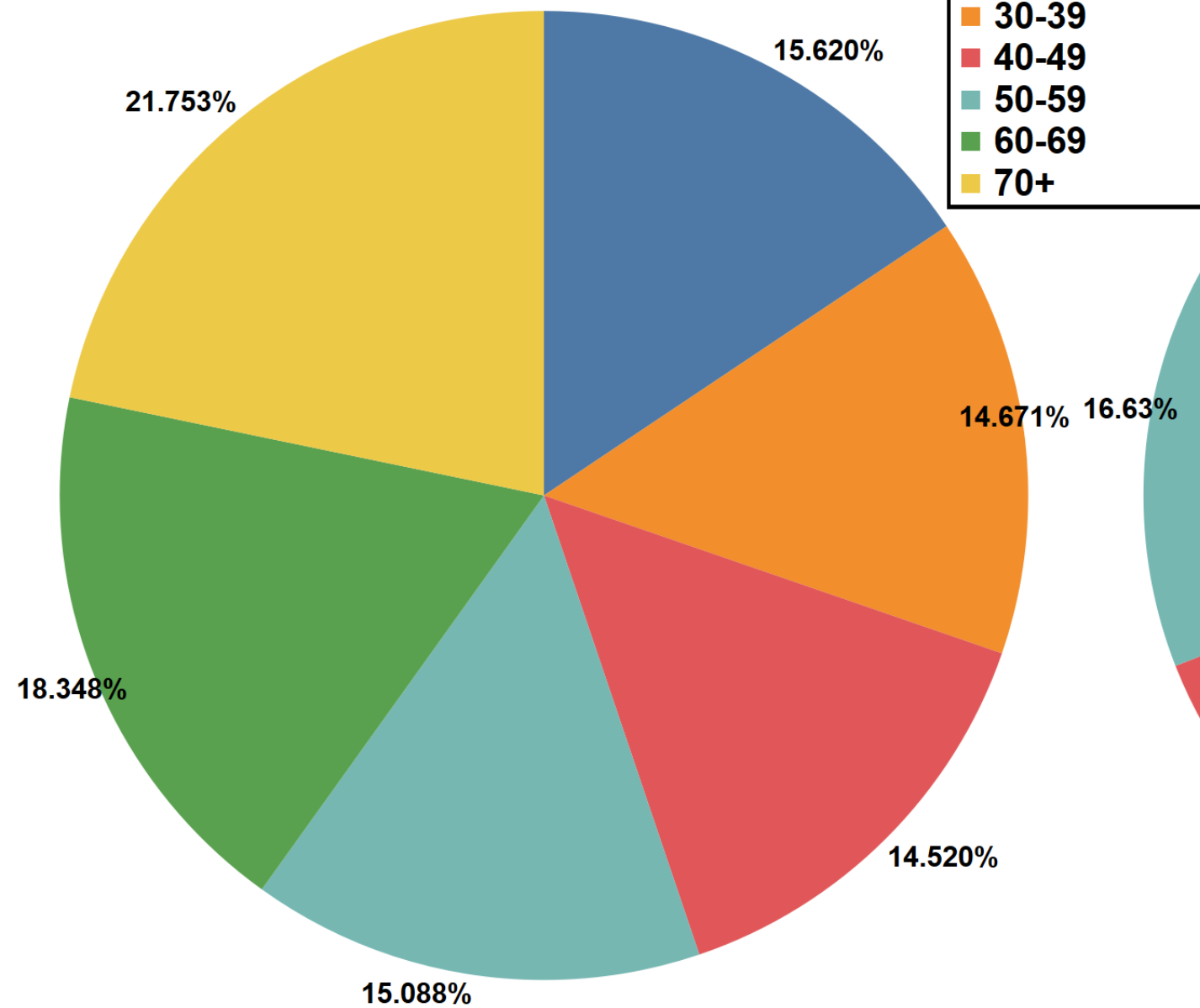
Emergency Department Patients



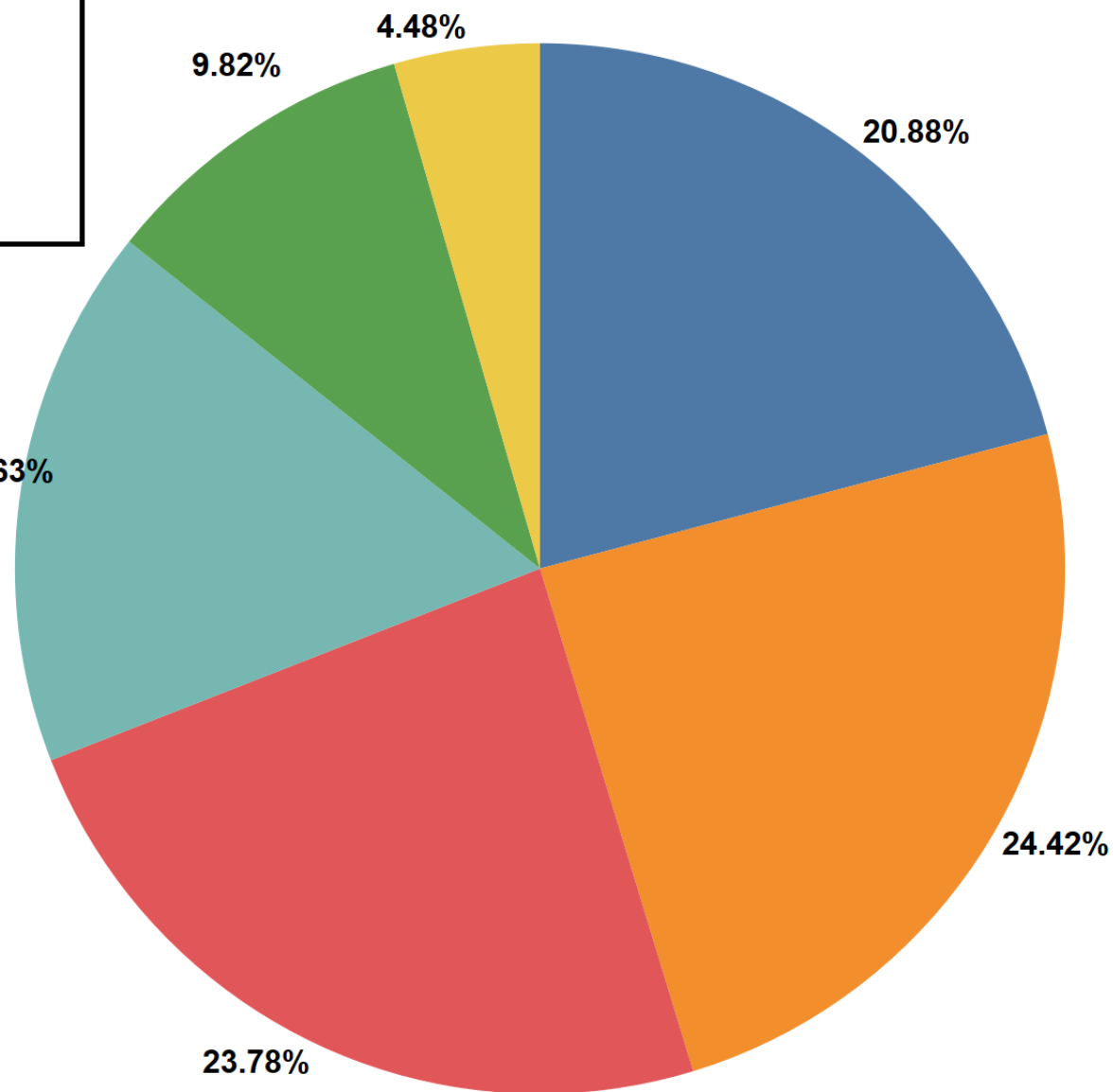
Emergency Department Visits - Age

Age Groups	Patient Population	%
18-29	1,768	20.88%
30-39	2,067	24.42%
40-49	2,013	23.78%
50-59	1,408	16.63%
60-69	831	9.82%
70+	379	4.48%

WCHQ Patients



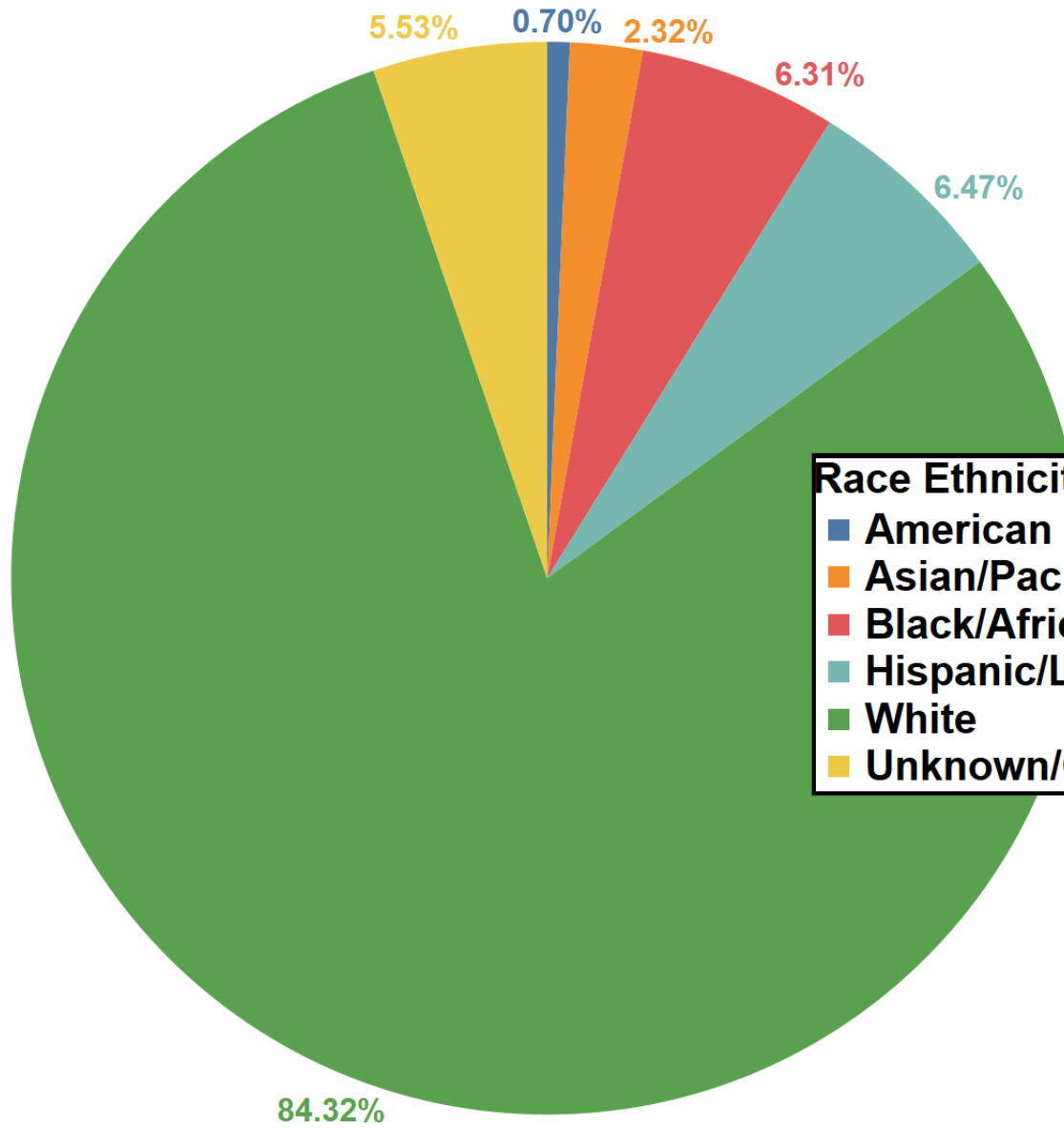
Emergency Department Patients



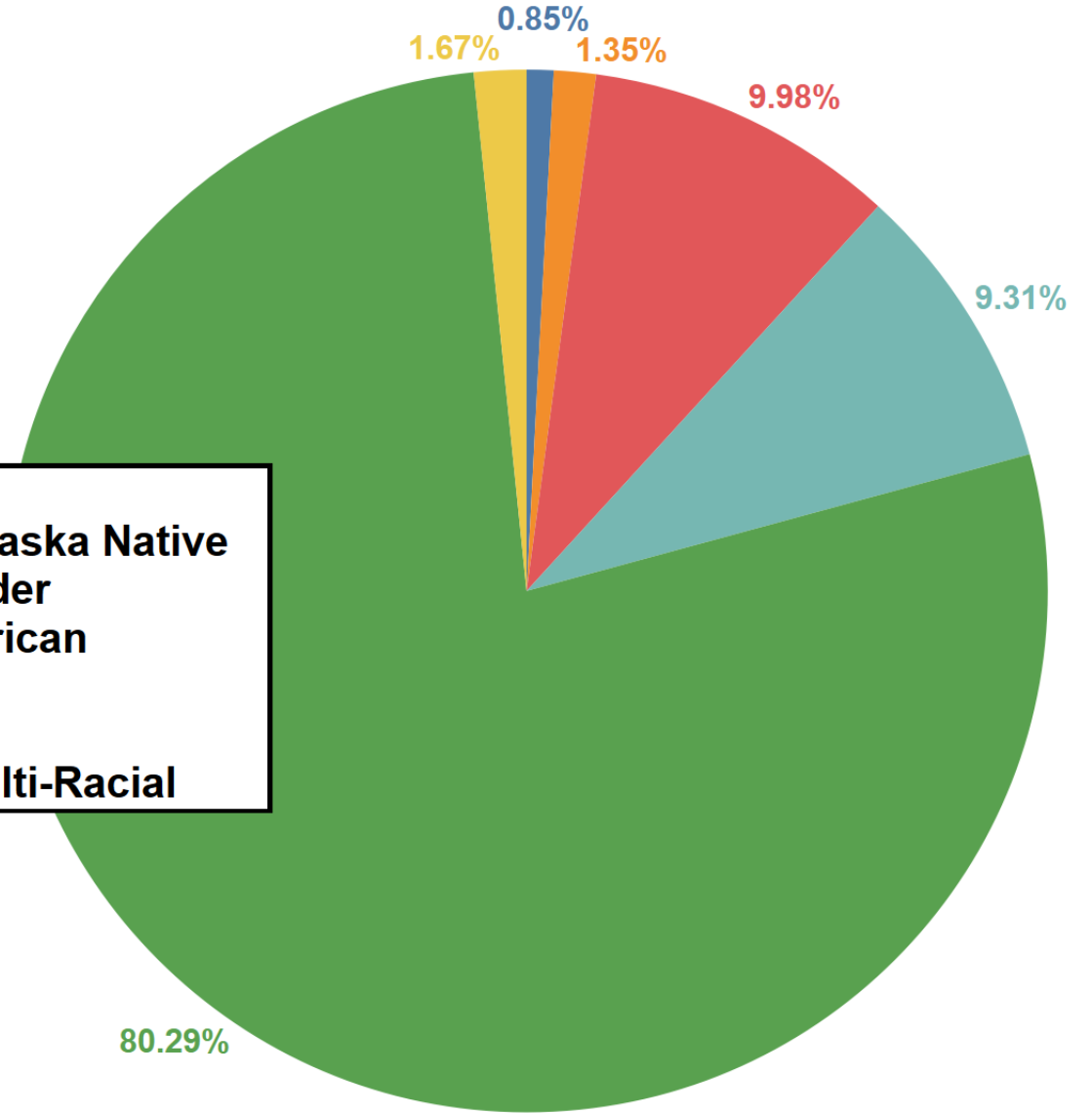
Emergency Department Visits - Race/Ethnicity

Race Ethnicity	Patient Population	%
American Indian/Alaska Native	124	0.85%
Asian/Pacific Islander	164	1.35%
Black/African American	1,358	9.98%
Hispanic/Latino	1,128	9.31%
White	10,830	80.29%
Unknown/Other/Multi-Racial	242	1.67%

WCHQ Patients



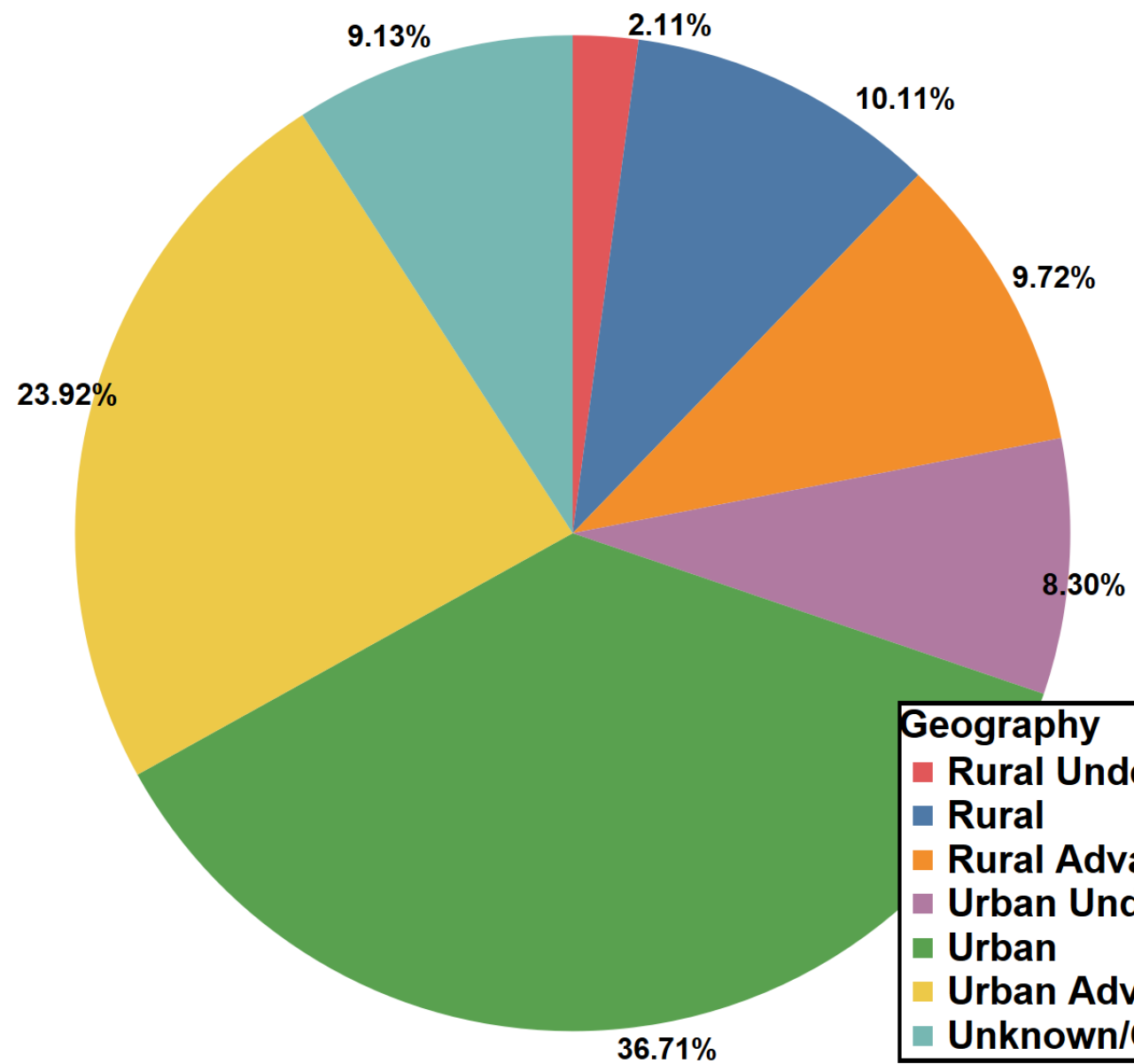
Emergency Department Patients



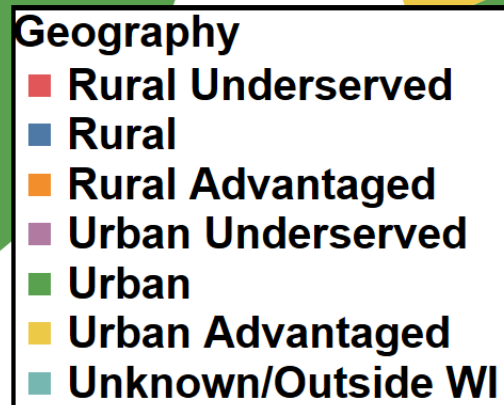
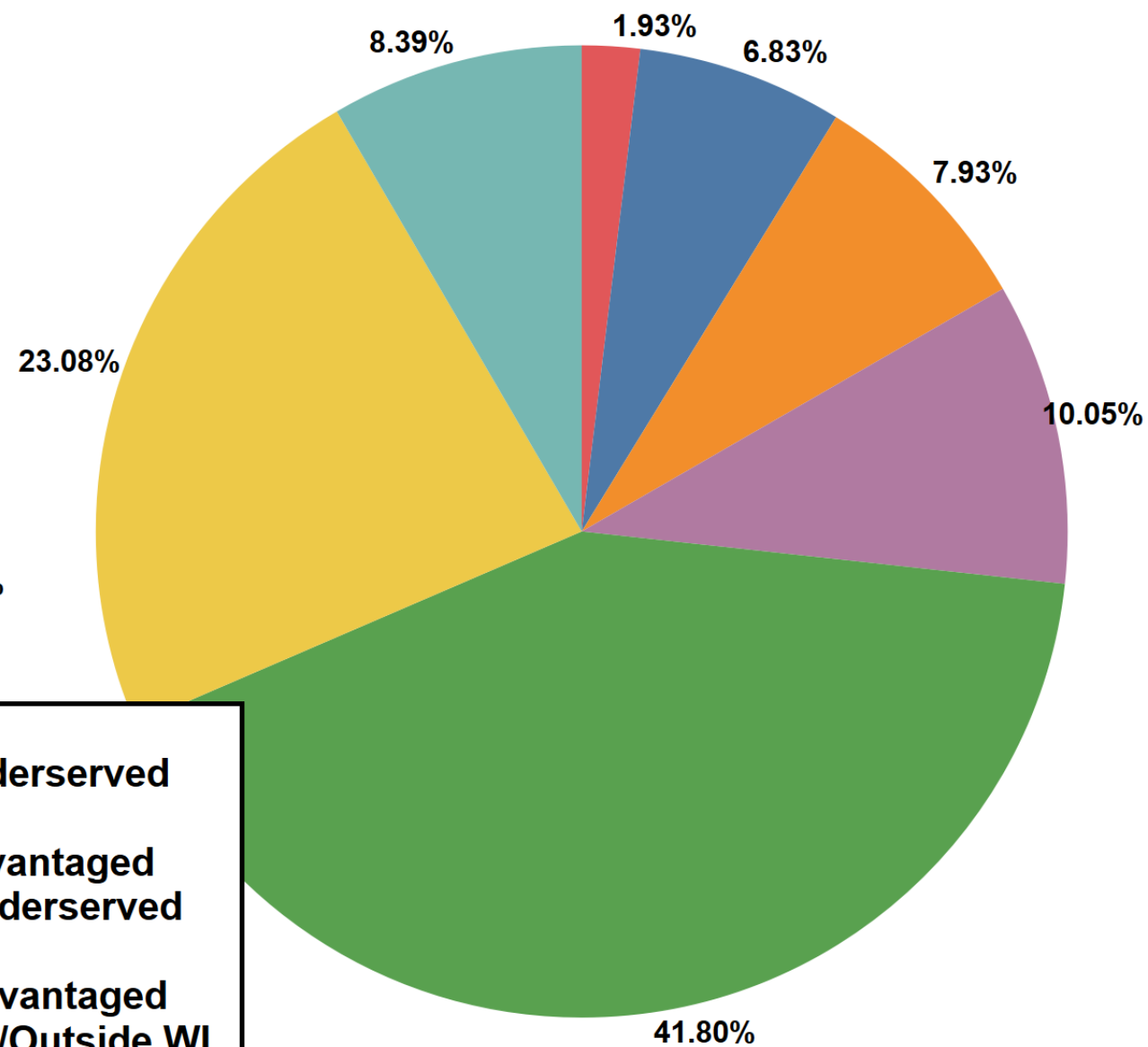
Emergency Department Visits - Geography

Geography	Patient Population	%
Rural Underserved	72	1.93%
Rural	114	6.83%
Rural Advantaged	845	7.93%
Urban Underserved	788	10.05%
Urban	6,797	41.80%
Urban Advantaged	141	23.08%
Unknown/Outside WI	72	8.39%

WCHQ Patients



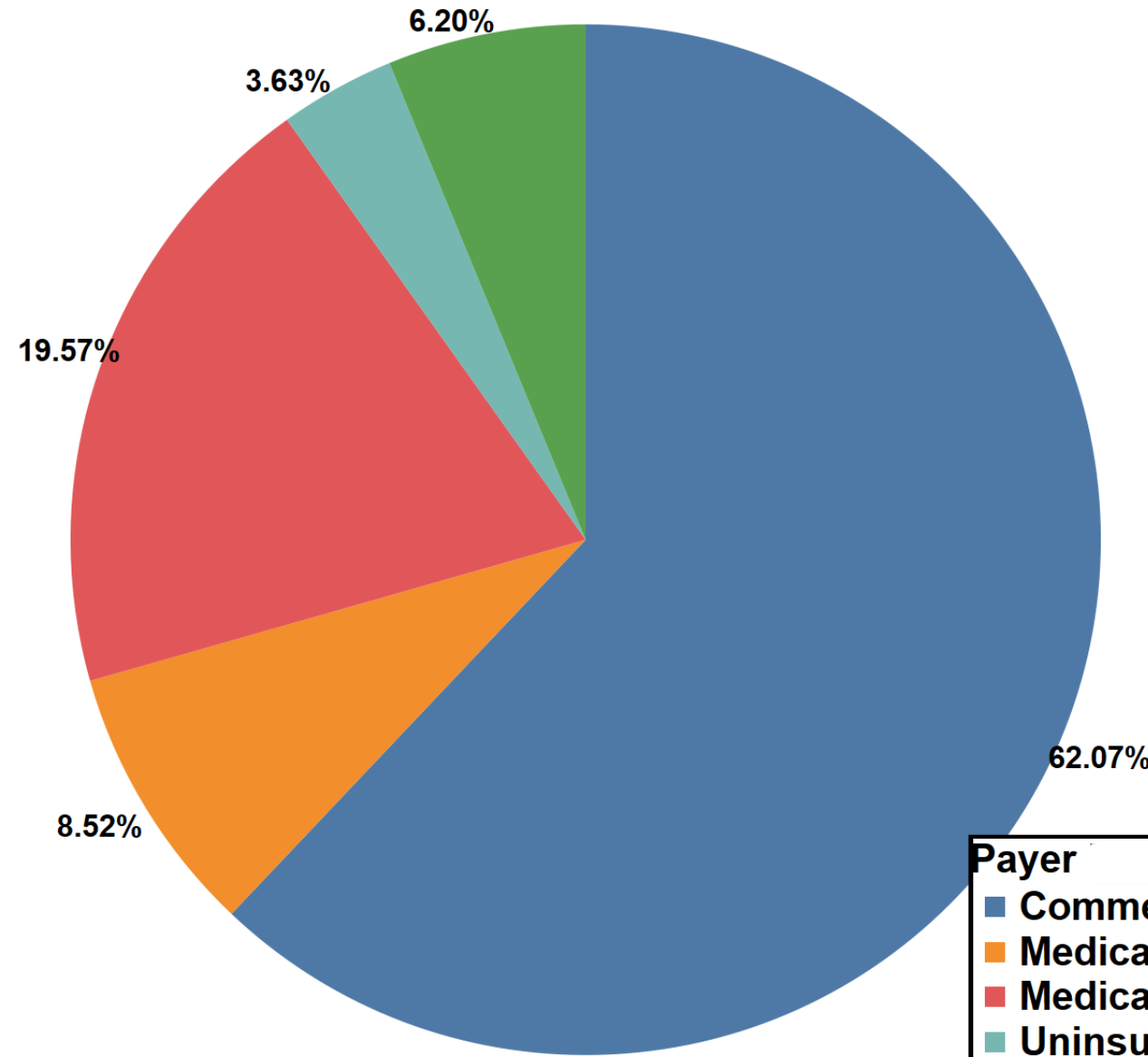
Emergency Department Patients



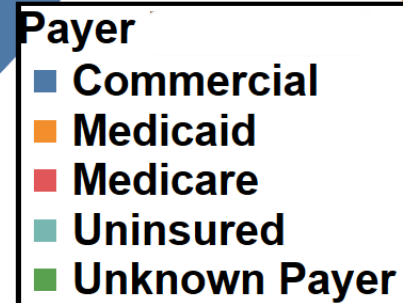
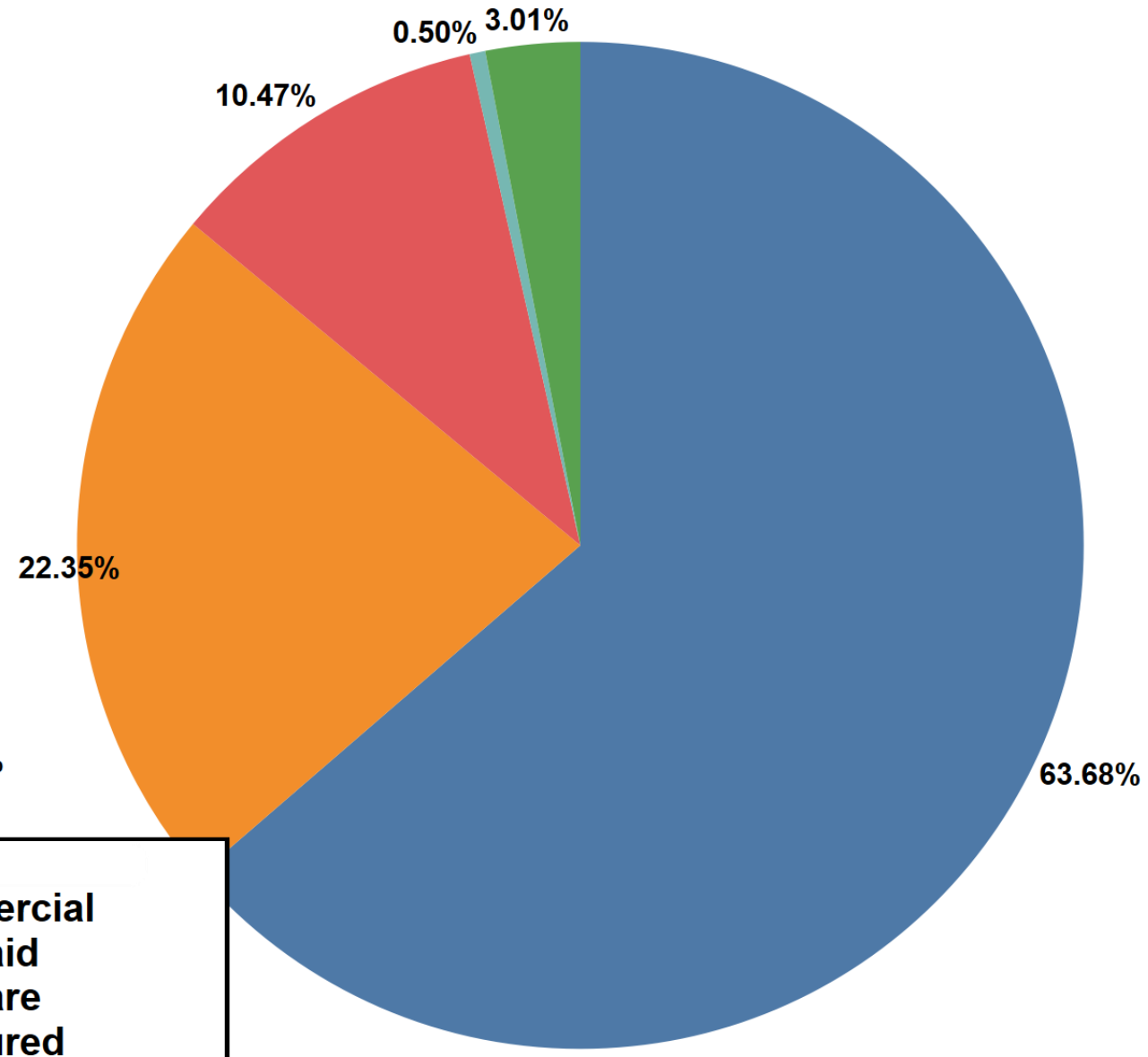
Emergency Department Visits - Payer

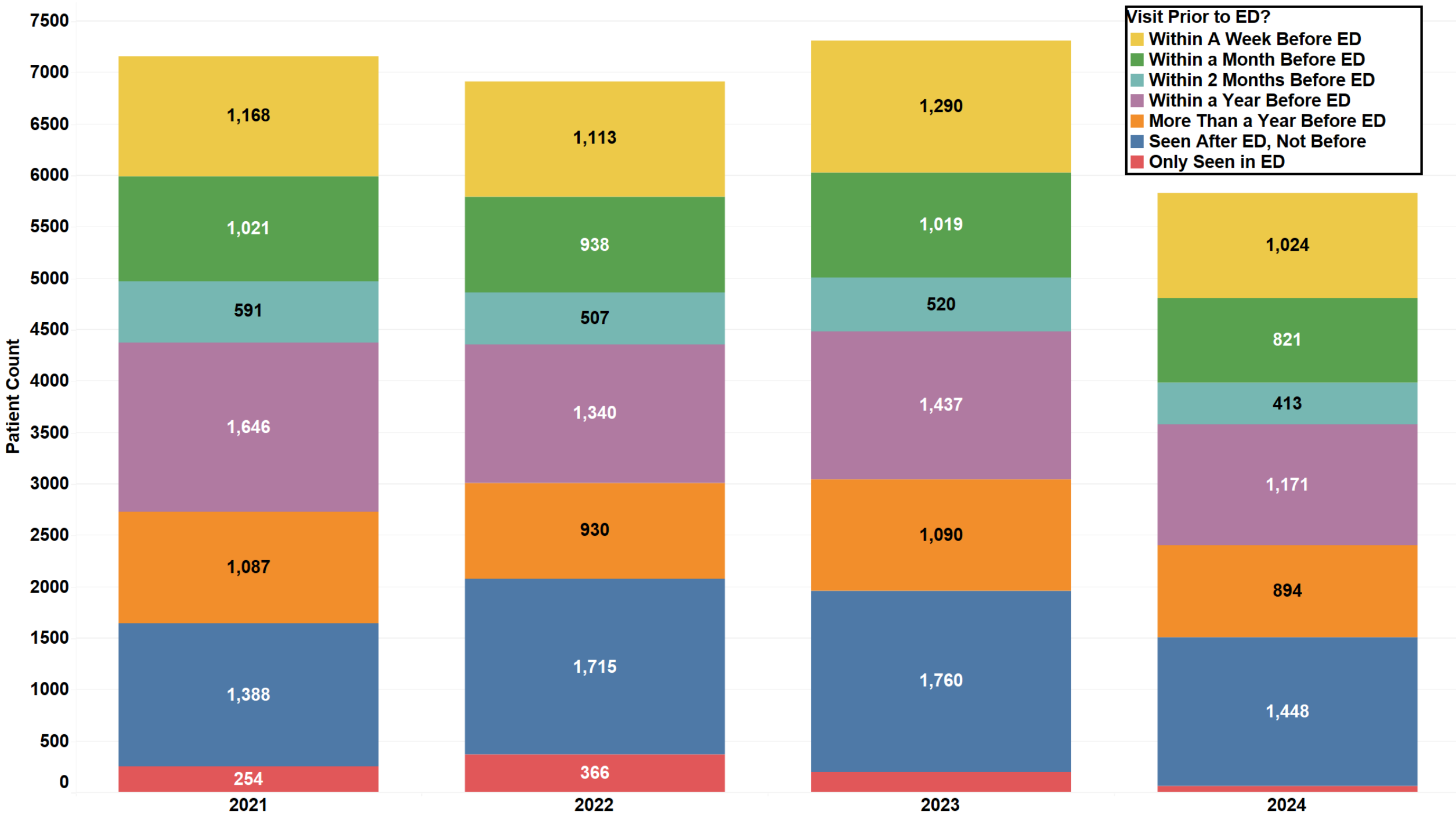
Payer	Patient Population	%
Commercial	163	63.68%
Medicaid	578	22.35%
Medicare	671	10.47%
Uninsured	851	0.50%
Unknown Payer	3,539	3.01%

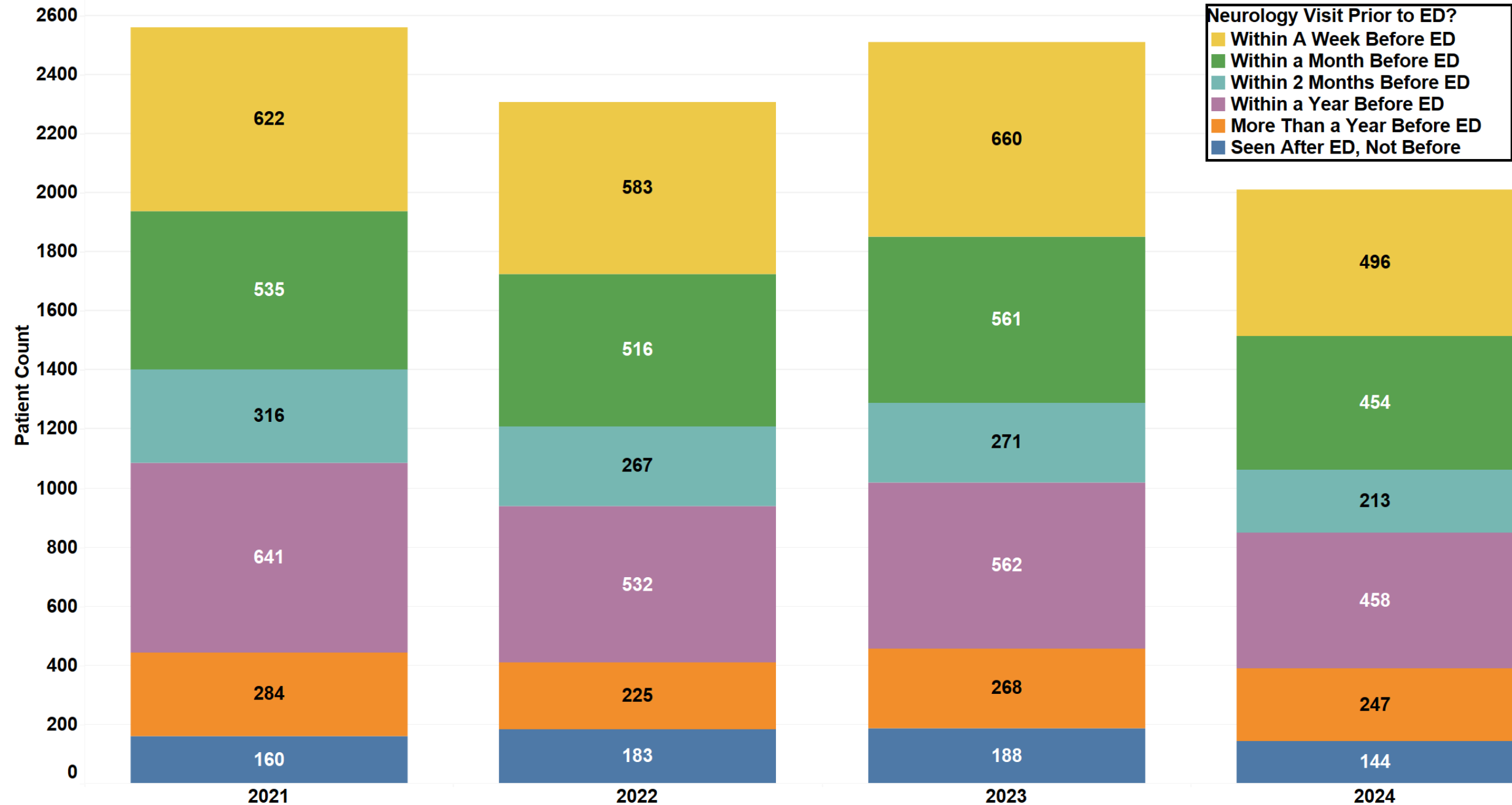
WCHQ Patients



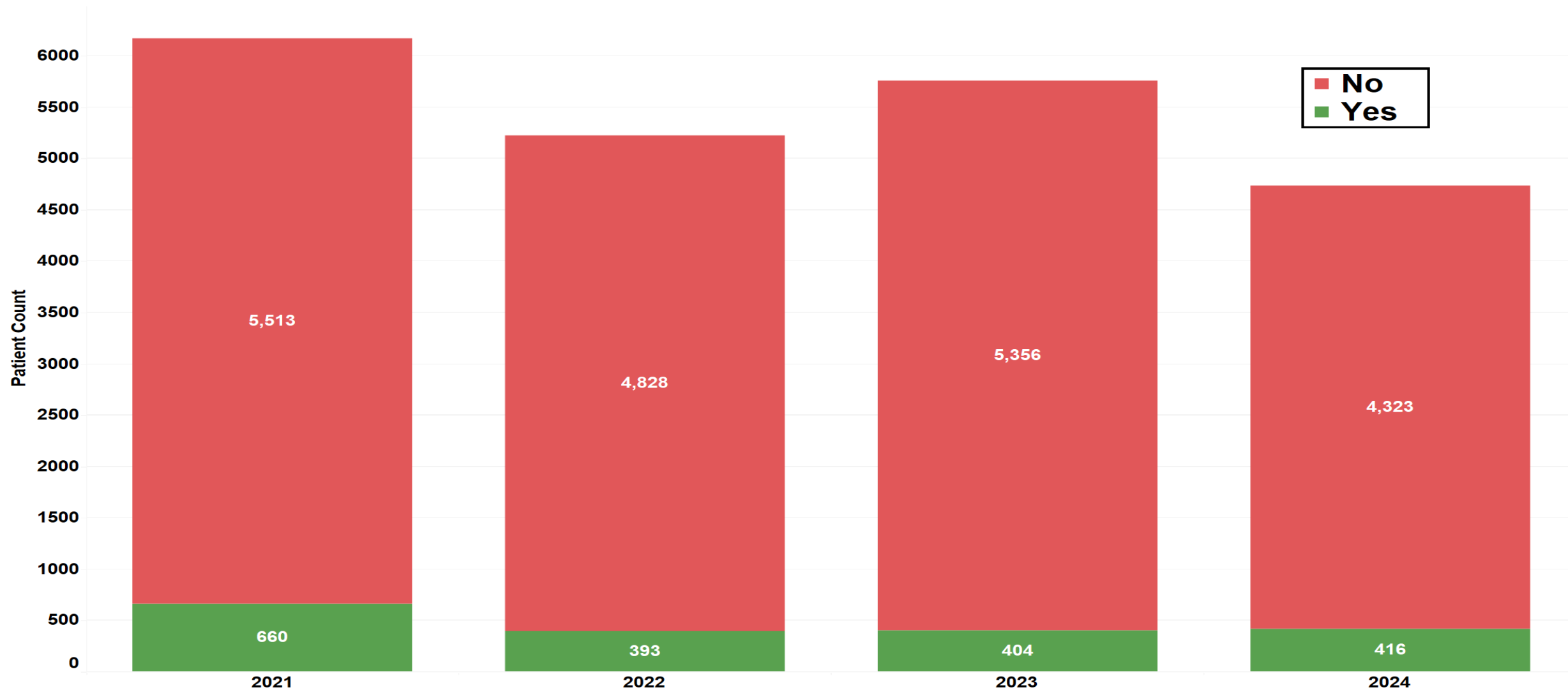
Emergency Department Patients







Was Patient on Preventive Medication Prior to ED?



Takeaways

- Women are seen in emergency department proportionally to experiences with migraines compared to men
- Urban/Urban Underserved, Medicaid, Black/African American and Hispanic/Latino are seen in the ED at a slightly more disproportional rate compared to other race/ethnicities
- Patients seen recently in primary care and neurology still do end up in the ED.
- The majority of patients seen in ED for migraine do not have a preventive medication prescription



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Questions/Comments?