



# HOSPITAL EMERGENCY ROOM DASHBOARD

Monthly View

April 2023

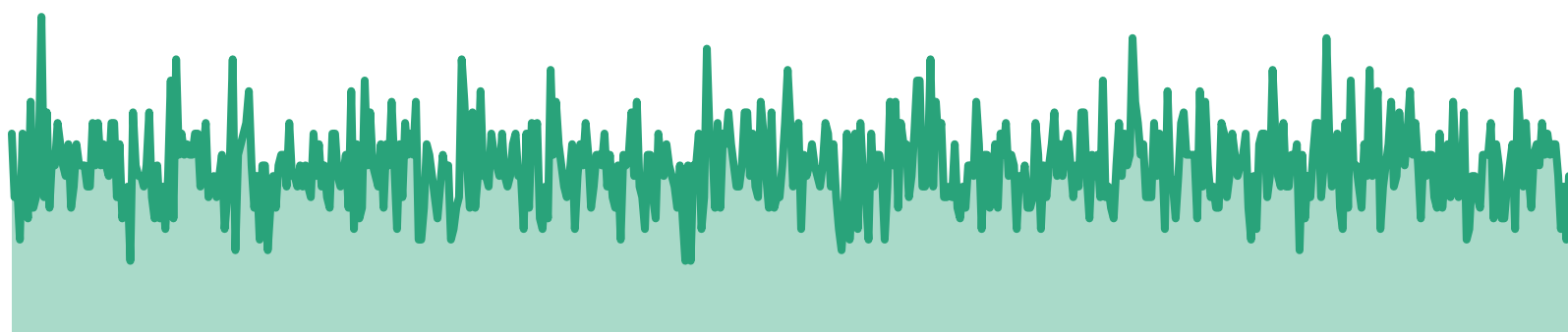
Month-Year

All

No. of Patients



9216



Jul 2023

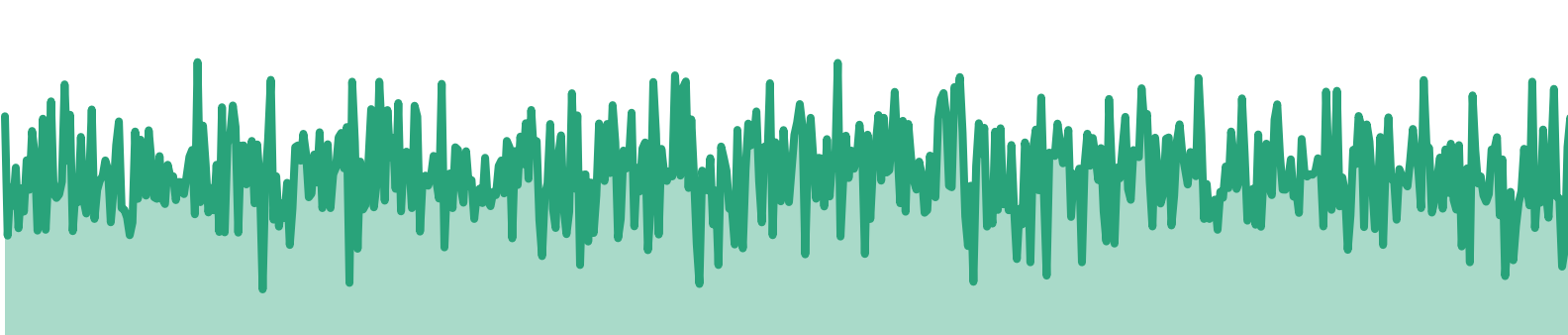
Jan 2024

Jul 2024

Average Wait Time



35.3 Min



Jul 2023

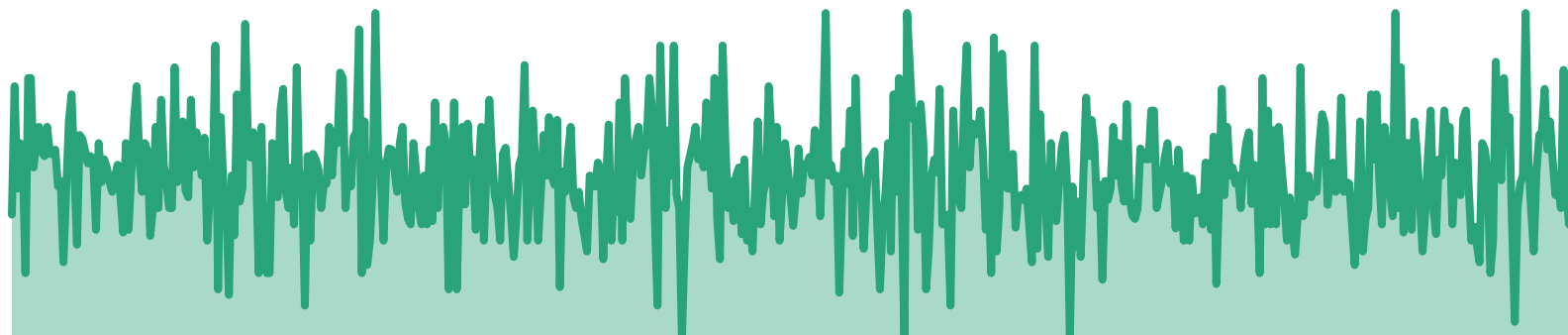
Jan 2024

Jul 2024

Patient Satisfaction Score



4.99



Jul 2023

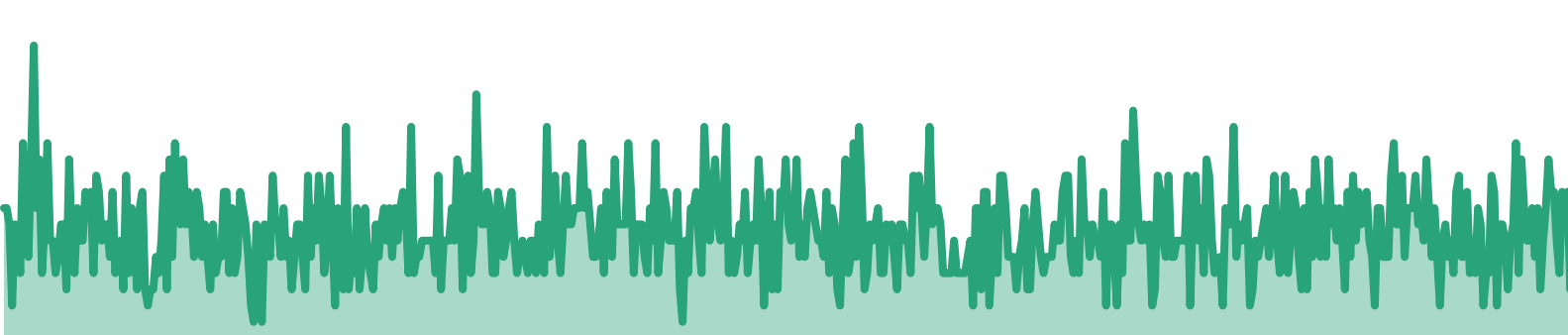
Jan 2024

Jul 2024

No. of Patients Referred



3816



Jul 2023

Jan 2024

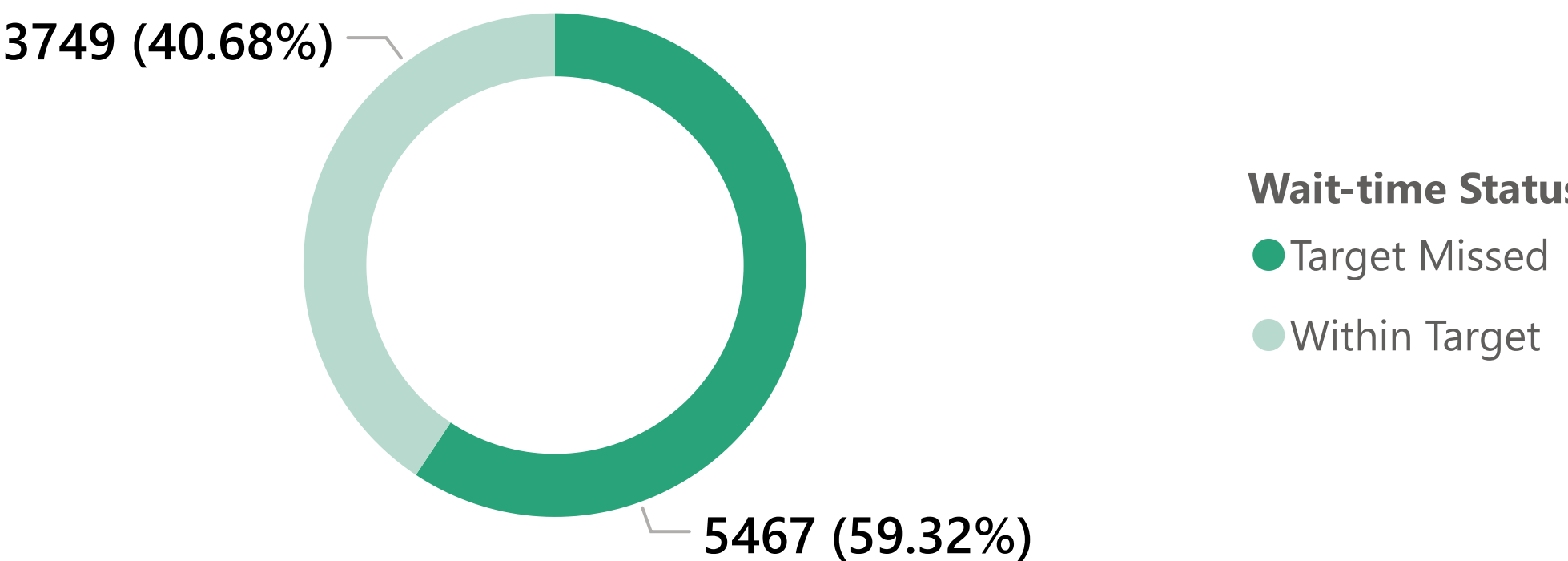
Jul 2024

Patient Admission Status

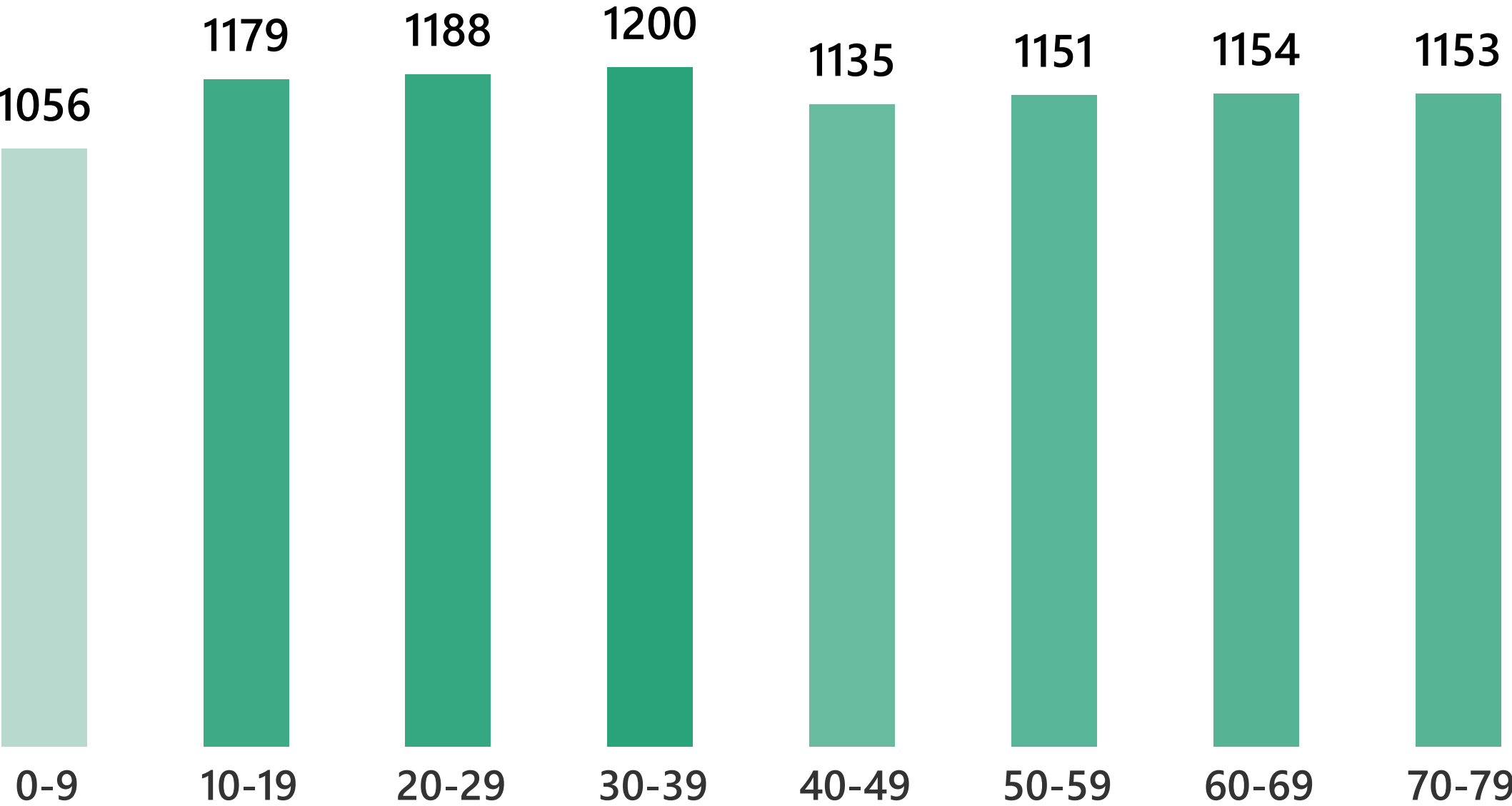
Admission Status	Patients	% of Total
Admitted	4612	50.04%
Not Admitted	4604	49.96%



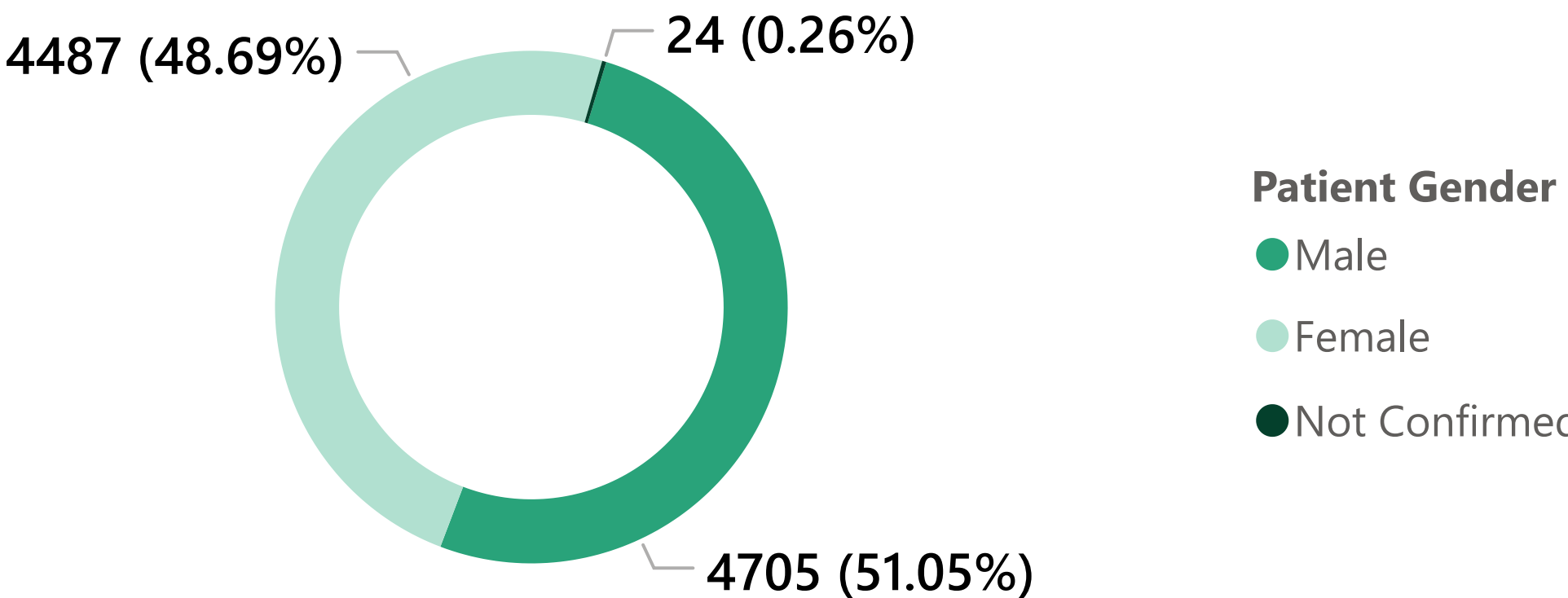
No of patients by Wait-time Status



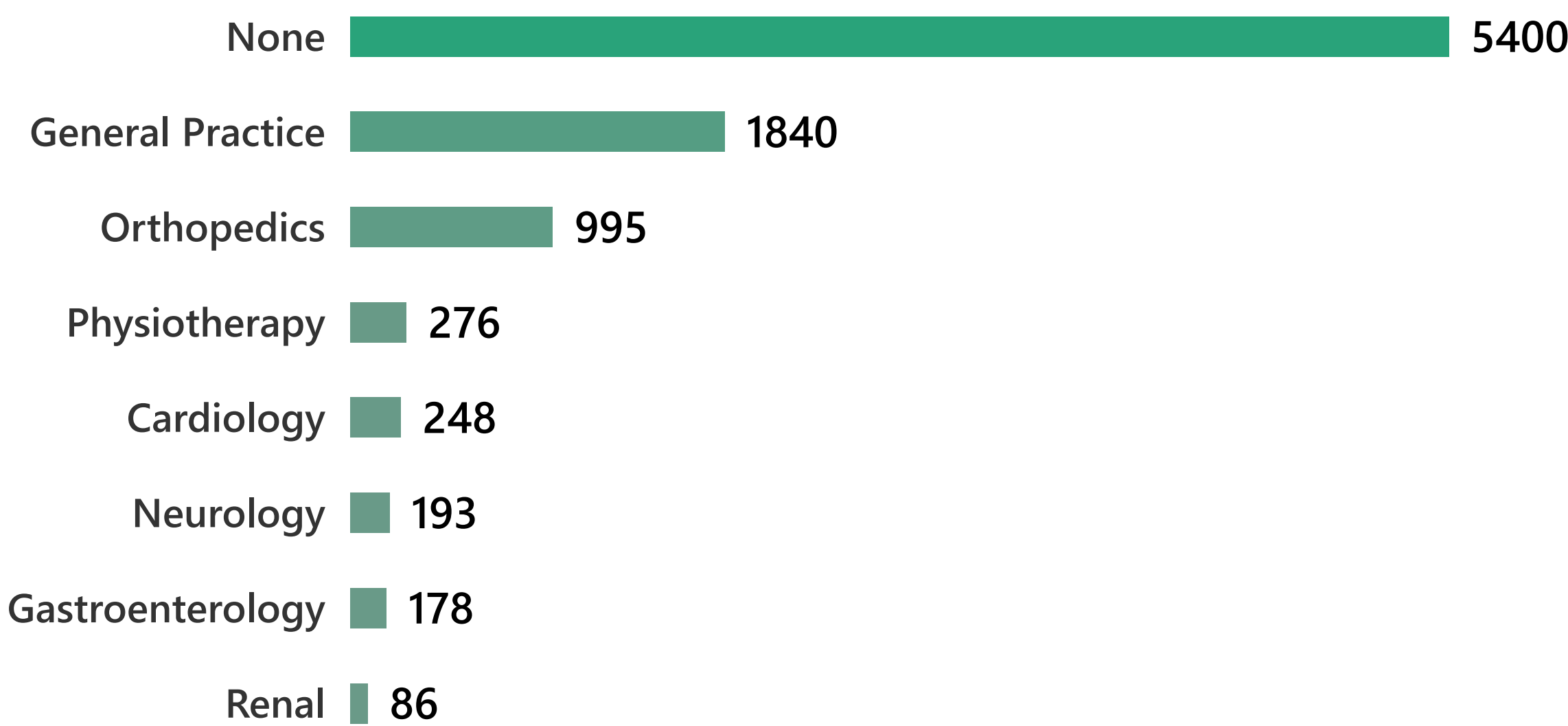
No of patients by Age Group



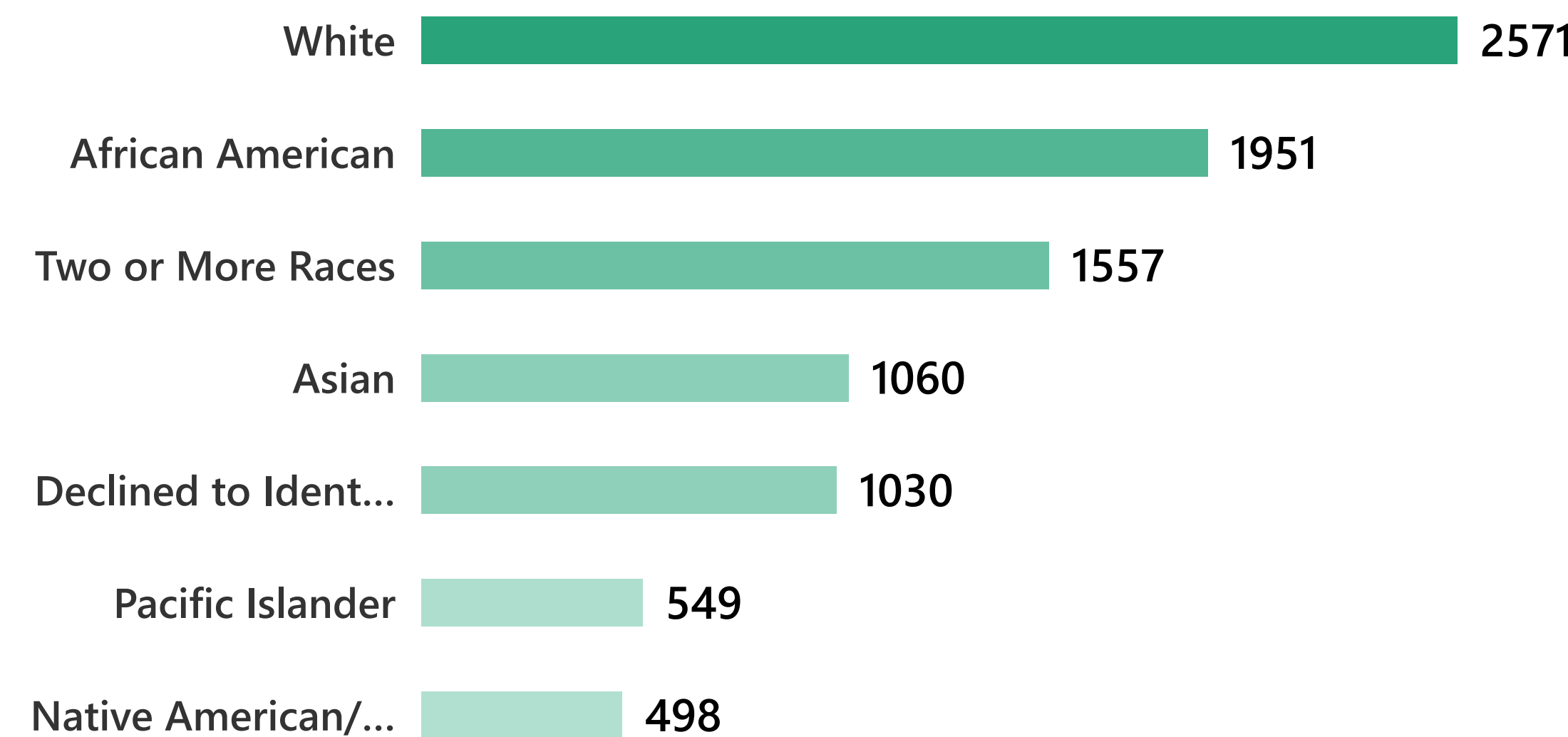
No of patients by Patient Gender



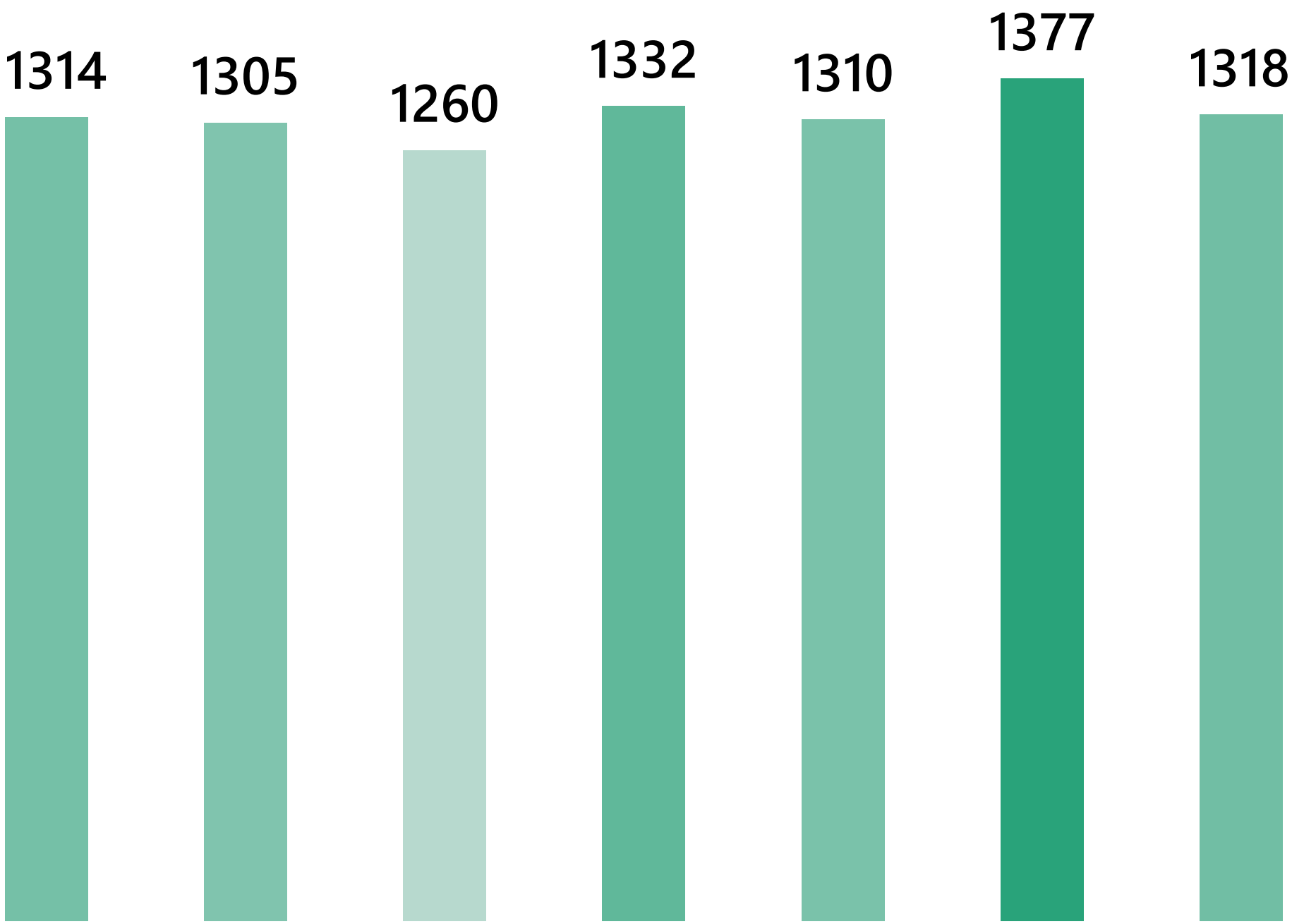
No of patients by Department Referral



No of patients by Patient Race



No of patients by Day Hour



Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	163	160	158	152	171	181	169
03-04	131	113	97	111	94	119	104
05-06	100	114	99	111	125	116	103
07-08	103	123	116	119	118	106	116
09-10	112	108	99	107	94	110	107
11-12	105	103	121	104	116	127	93
13-14	104	103	109	117	109	120	116
15-16	102	118	109	113	112	101	117
17-18	119	97	103	113	95	97	105
19-20	115	89	96	116	112	115	112
21-22	96	112	102	110	105	117	106
23-24	64	65	51	59	59	68	70

Monthly View

Consolidated View

Patient Details

Key Takeaways





# HOSPITAL EMERGENCY ROOM DASHBOARD

CONSOLIDATED VIEW

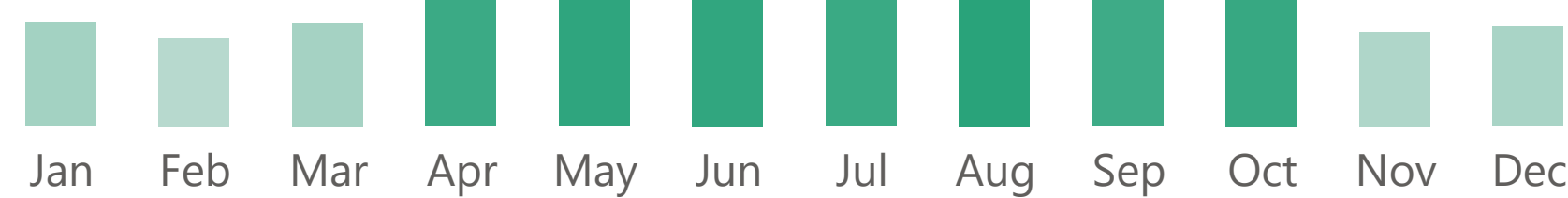
4/1/2023

10/30/2024

No. of Patients



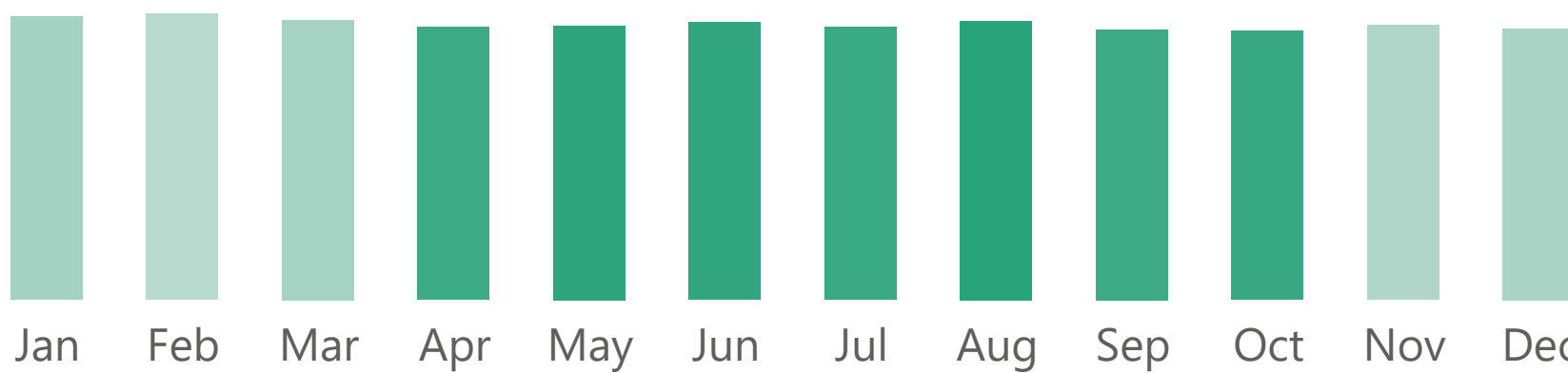
9216



Average Wait Time



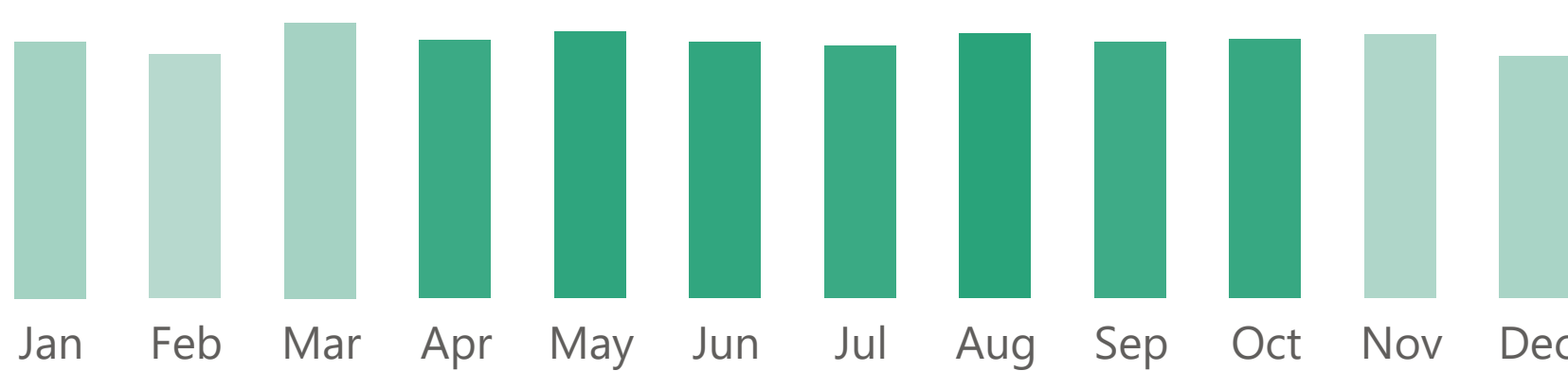
35.3 Min



Patient Satisfaction Score



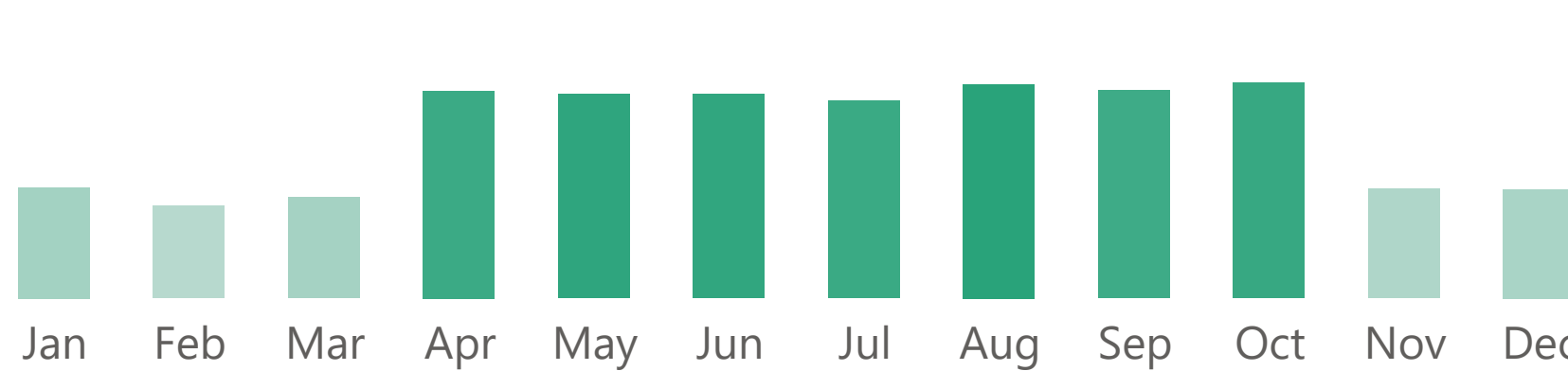
4.99



No. of Patients Referred



3816

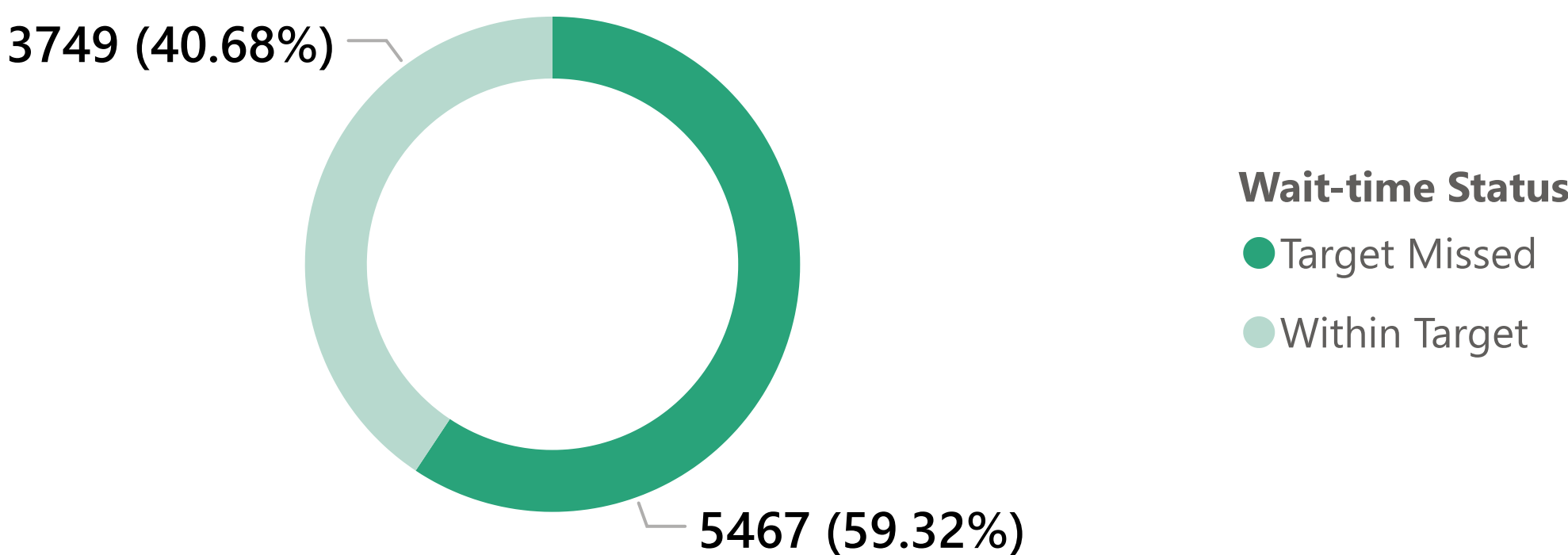


Patient Admission Status

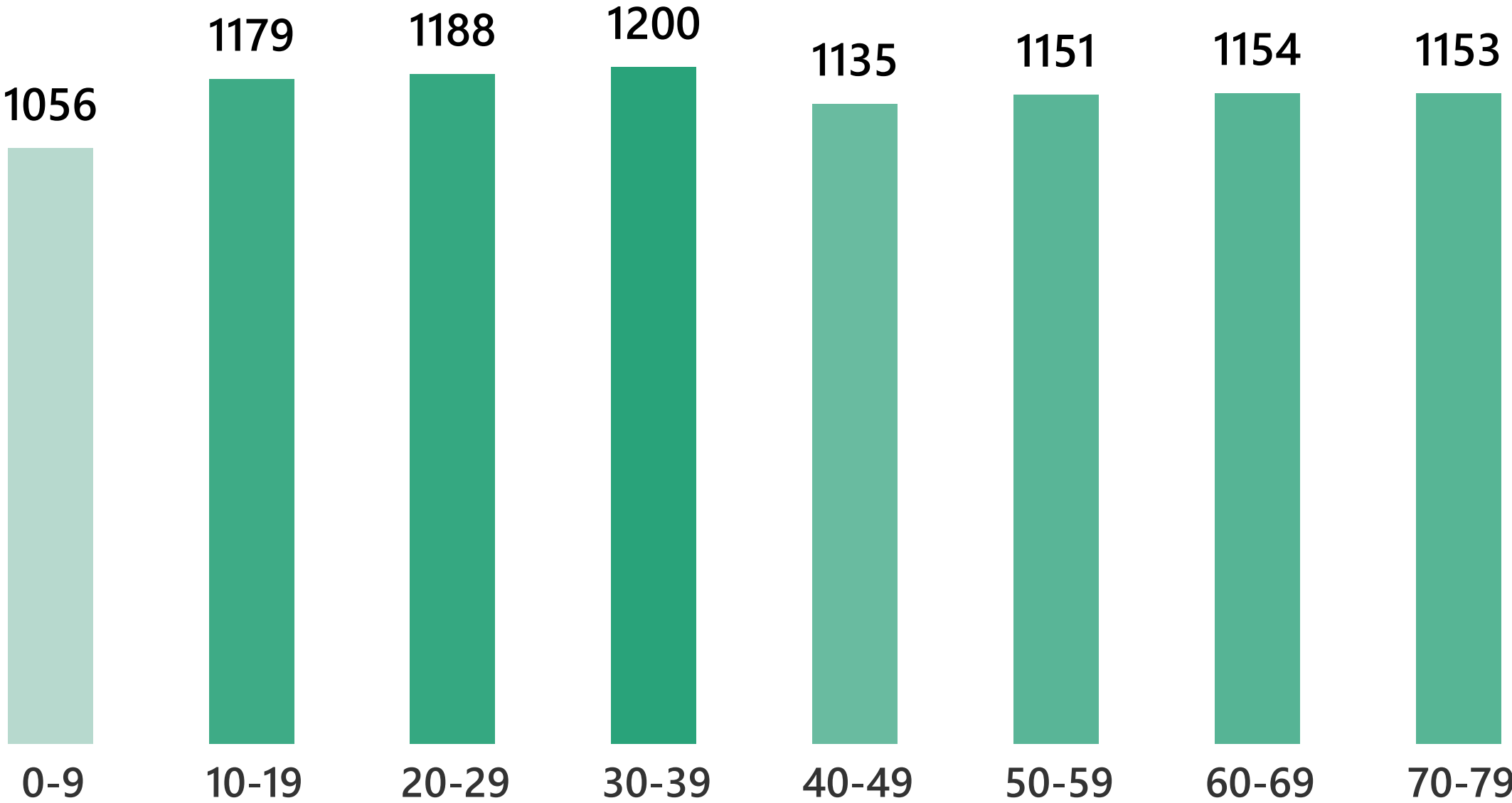
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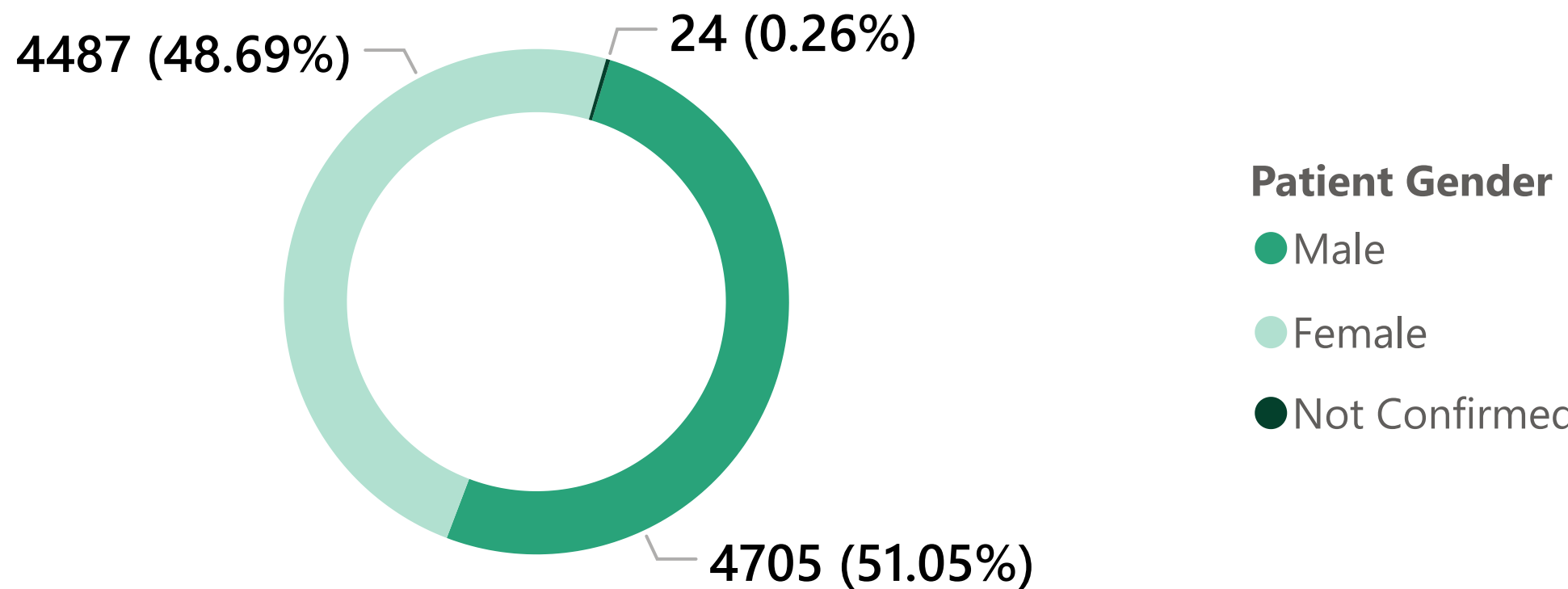
No of patients by Wait-time Status



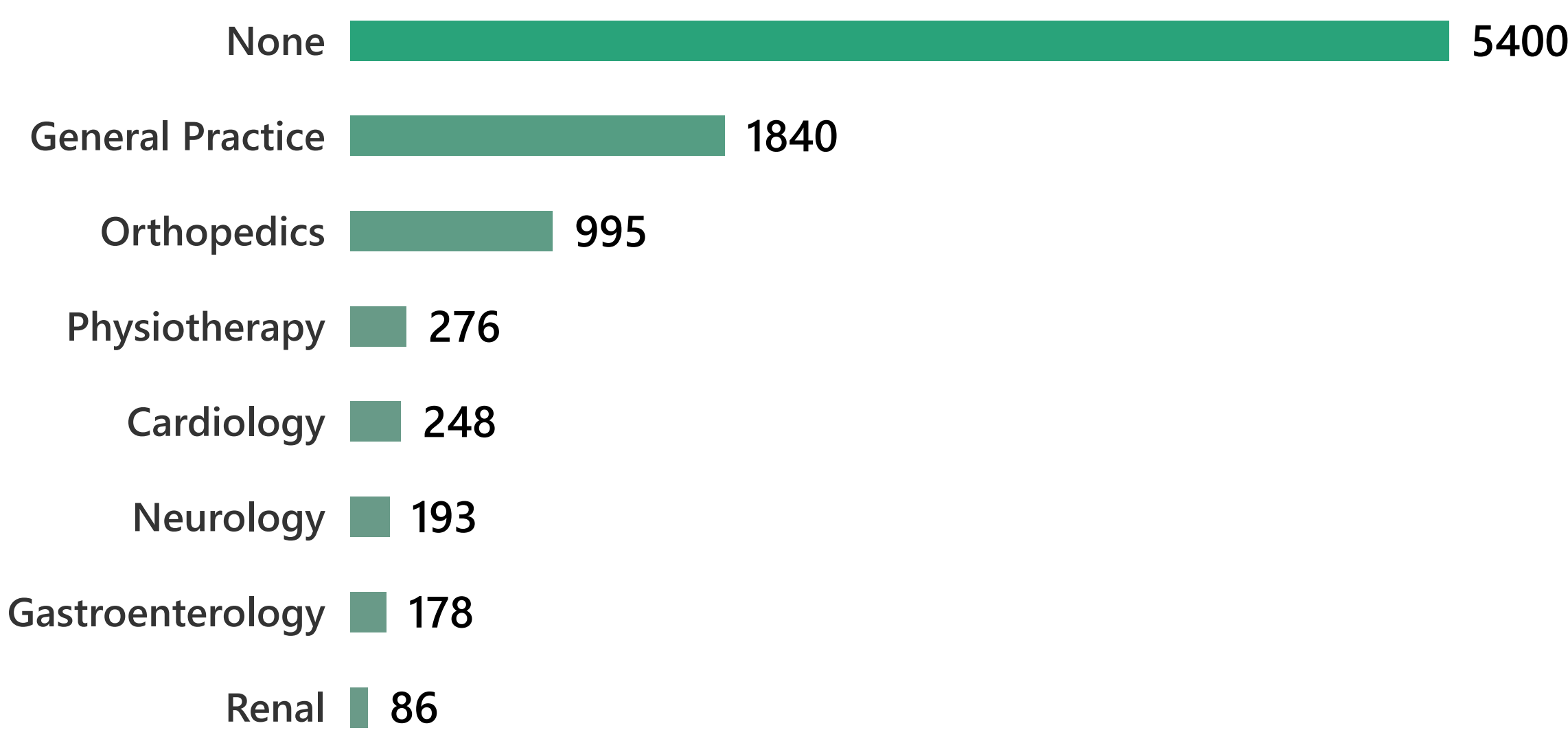
No of patients by Age Group



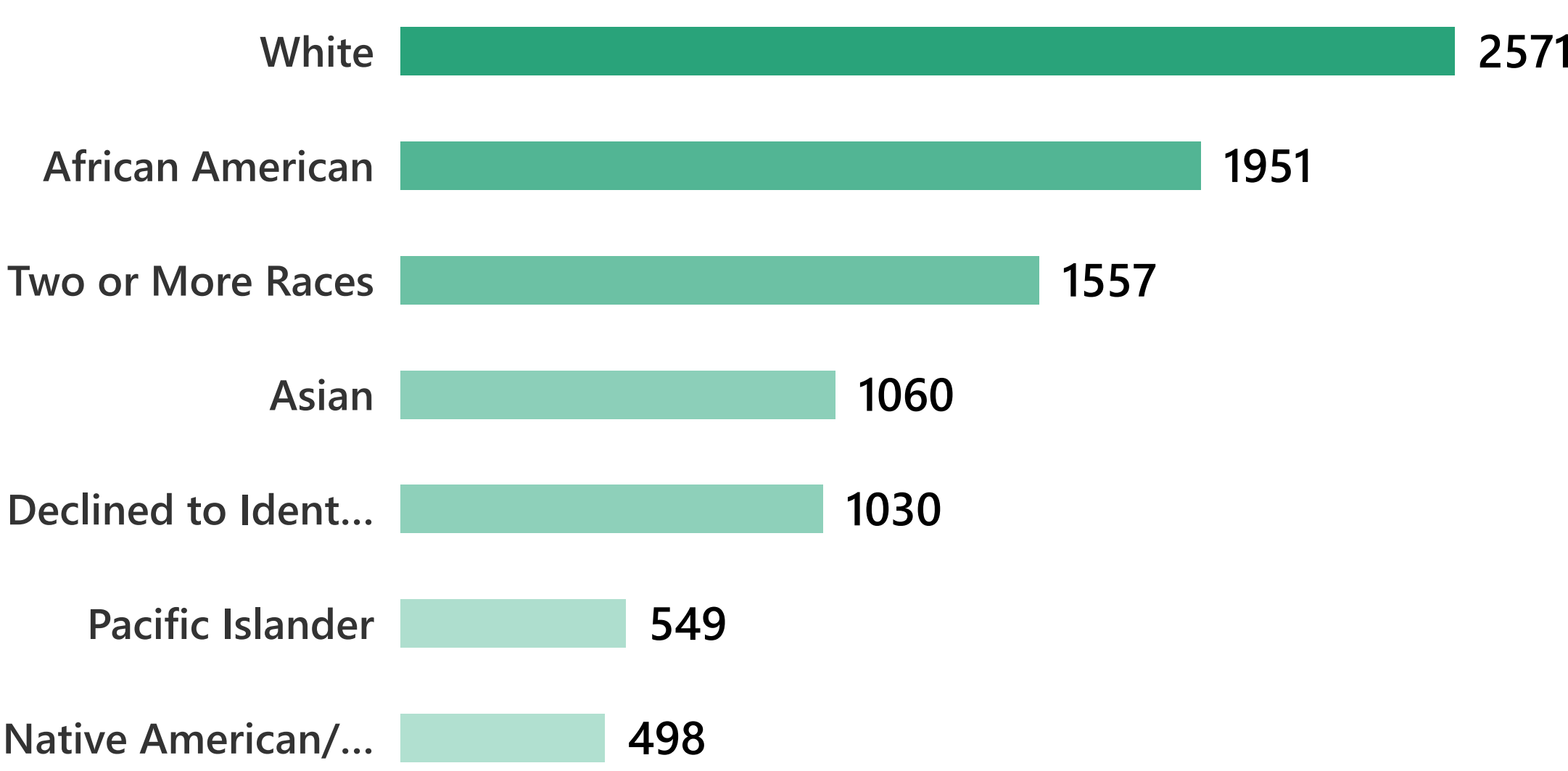
No of patients by Patient Gender



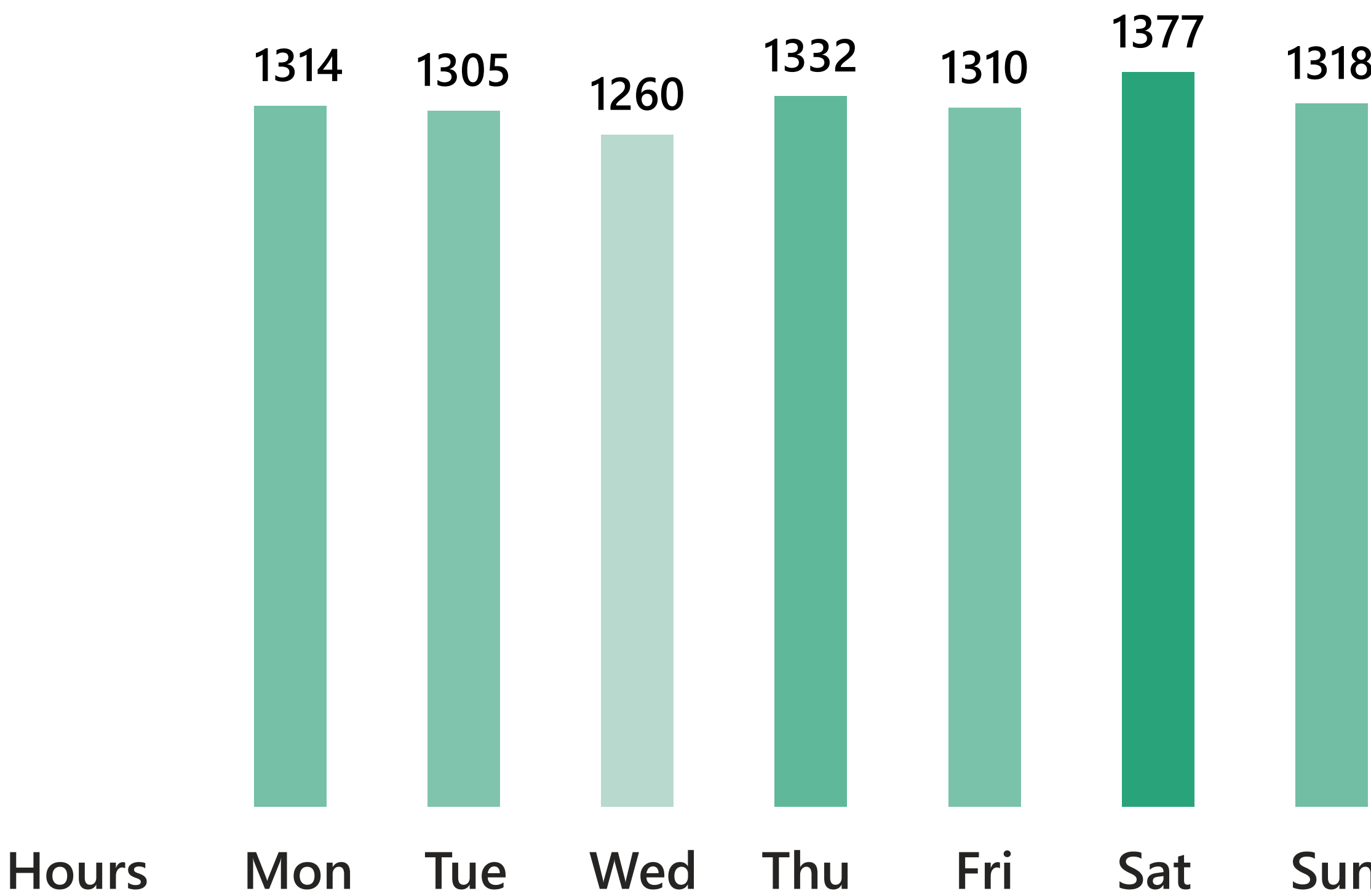
No of patients by Department Referral



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## PATIENT DETAILS

Patient Id	Full Name	Patient Gender	Patient Age	Patient Admission Date	Patient Race	Patient Waittime	Department Referral	Admission Status
807-47-2097	A Abarough	Female	7	Friday, July 14, 2023	Two or More Races	51	None	Not Admitted
118-92-0340	A Addey	Male	46	Sunday, July 21, 2024	Asian	55	None	Admitted
721-88-0520	A Adney	Female	56	Monday, May 27, 2024	Pacific Islander	28	None	Not Admitted
700-76-1641	A Albert	Male	5	Friday, September 20, 2024	White	40	None	Admitted
399-73-4231	A Alejandro	Female	27	Tuesday, July 25, 2023	White	12	Gastroenterology	Not Admitted
372-20-5389	A Aleksich	Female	5	Saturday, July 13, 2024	Asian	58	None	Not Admitted
139-05-0602	A Algar	Male	68	Saturday, December 30, 2023	Two or More Races	15	None	Admitted
355-73-0319	A Alstead	Female	58	Tuesday, May 21, 2024	African American	17	None	Not Admitted
345-87-0533	A Alyukin	Male	20	Tuesday, July 25, 2023	Declined to Identify	34	None	Admitted
602-05-7479	A Ambrogioni	Male	12	Friday, October 06, 2023	Two or More Races	44	Gastroenterology	Admitted
119-26-2201	A Angell	Female	42	Thursday, May 09, 2024	African American	27	None	Admitted
302-70-1794	A Arden	Female	73	Monday, June 24, 2024	African American	19	General Practice	Admitted
599-40-2753	A Aspling	Female	16	Thursday, October 03, 2024	African American	20	None	Admitted
827-40-8129	A Assad	Male	11	Wednesday, January 03, 2024	African American	40	None	Admitted
687-66-3054	A Attril	Male	42	Saturday, November 04, 2023	Pacific Islander	17	None	Admitted
307-83-2857	A Backshaw	Female	18	Friday, August 02, 2024	White	21	None	Not Admitted
475-34-5223	A Bagnal	Male	53	Friday, July 12, 2024	Asian	20	None	Not Admitted
156-95-7483	A Barmadier	Female	27	Wednesday, September 06, 2023	Declined to Identify	49	General Practice	Admitted
413-63-3325	A Basili	Male	32	Friday, August 23, 2024	African American	37	None	Admitted
493-76-6065	A Batte	Female	27	Monday, April 08, 2024	White	13	None	Not Admitted
739-19-5155	A Baudichon	Female	73	Friday, October 13, 2023	Declined to Identify	30	General Practice	Admitted
842-21-2088	A Beadnall	Male	52	Monday, August 07, 2023	Native American/Alaska Native	48	Orthopedics	Admitted
710-59-7802	A Beakes	Female	27	Sunday, December 10, 2023	Pacific Islander	46	None	Not Admitted
495-29-7252	A Belt	Female	21	Saturday, September 09, 2023	African American	23	None	Not Admitted
173-94-4958	A Bevan	Female	51	Friday, November 03, 2023	Native American/Alaska Native	27	None	Admitted
180-73-9658	A Bewlay	Not Confirmed	25	Wednesday, February 07, 2024	Two or More Races	59	None	Not Admitted
688-36-6207	A Biggadyke	Female	23	Friday, May 05, 2023	Declined to Identify	30	None	Not Admitted

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Patient Details

Key Takeaways





# HOSPITAL EMERGENCY ROOM DASHBOARD

## KEY TAKEAWAYS

### Descriptive Analysis

(April 2023 - October 2024)

**The emergency room dataset, covering a period of 19 months, records a total of 9,216 unique patients.**

#### Patient Wait Time & Satisfaction:

The Average wait time was approximately **35.3 minutes**, indicating a need for improvement to enhance patient flow. The **average satisfaction score** was **4.99 out of 10**, suggesting moderate satisfaction and highlighting areas for improving patient experiences.

#### Department Referrals:

A significant number of patients(5400) did not required referrals. Among those referred, the most common were **General Practice (1840 cases)** and Orthopedics (995 Cases), followed by Physiotherapy (276 Cases) and Cardiology (248 Cases).

#### Peak busy Periods:

The busiest day were **Saturday (1377 Patients)**, Saturday (1322 Patients), and Tuesdays (1318 Patients). The busiest hours were 11 AM, 7 PM, 01 PM, and 11 PM indicating need of enough staffing during these periods.

#### Patient Demographics:

Age Groups: **Adults (30-39 Years)** formed a large group (**1200 Patients**), followed by young adults (20-29 Years) with 1188 Patients. Other significant groups included middle aged as well (40-50 Years).

#### Race Distributions:

The largest racial group was **White (2571)**, followed by African American (1951), multi racial (1557), and Asian (1060) patients. A significant number of Patients (1030) declined to identify their race.

#### Admission Patterns:

Nearly Half of Patients (**4612**) **were admitted**, while the rest (**4604**) **were treated and released**.

#### Summary:

The dataset reveals high pattern volumes, moderate satisfaction levels, and common referrals to General practice and Orthopedics. Mondays and late night to early mornings hours are particularly busy. The patient demographics show a diverse age and racial composition, with nearly equals numbers of admitted and non admitted patients. These insights can help optimize resource allocation and improve patient care in the emergency room.

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