



# HOSPITAL EMERGENCY ROOM DASHBOARD

Monthly View

Month & Year

Jan 2024

Menu

Monthly View

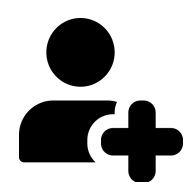
Consolidated View

Details

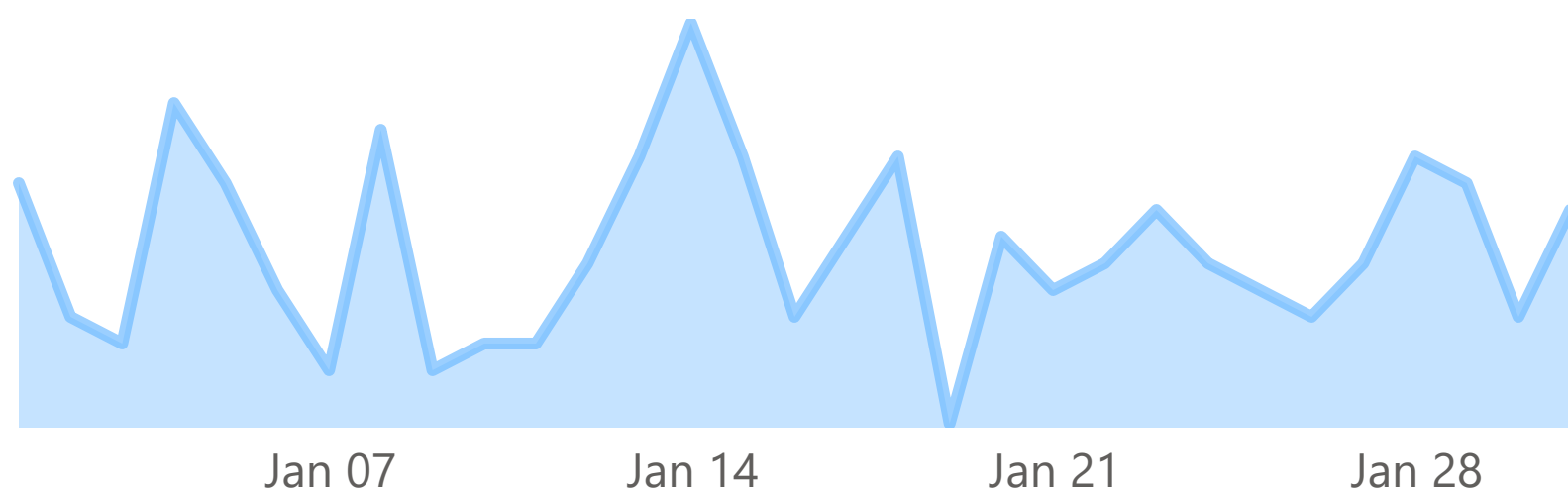
Key Takeaways



No. of Patients



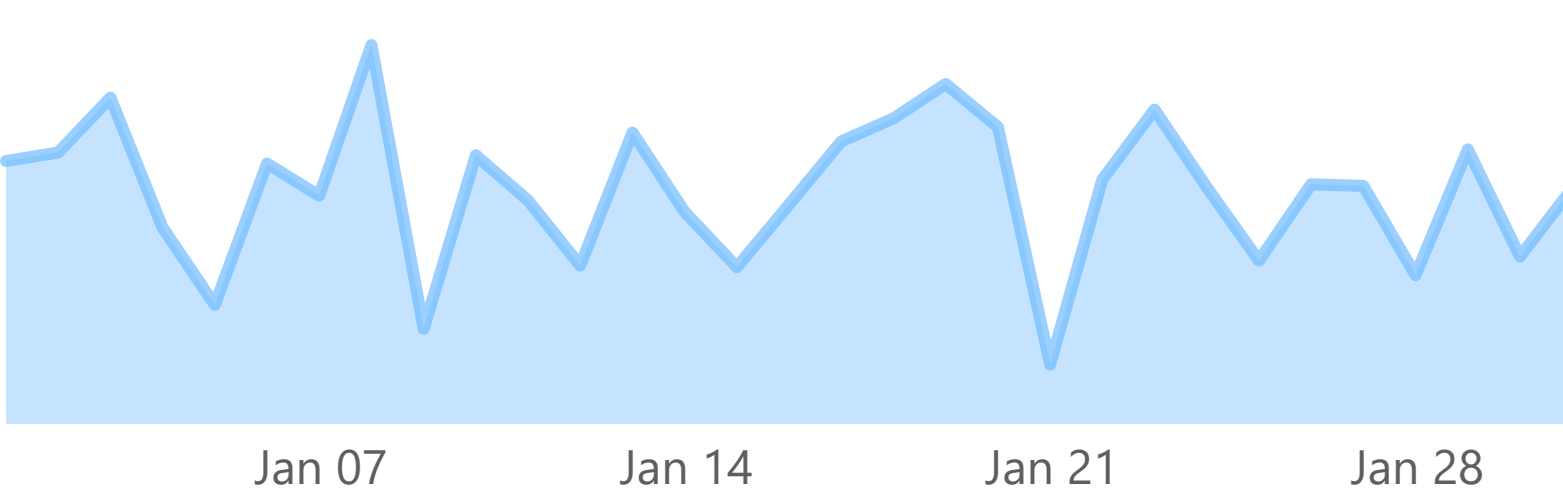
513



Avg. Wait Time



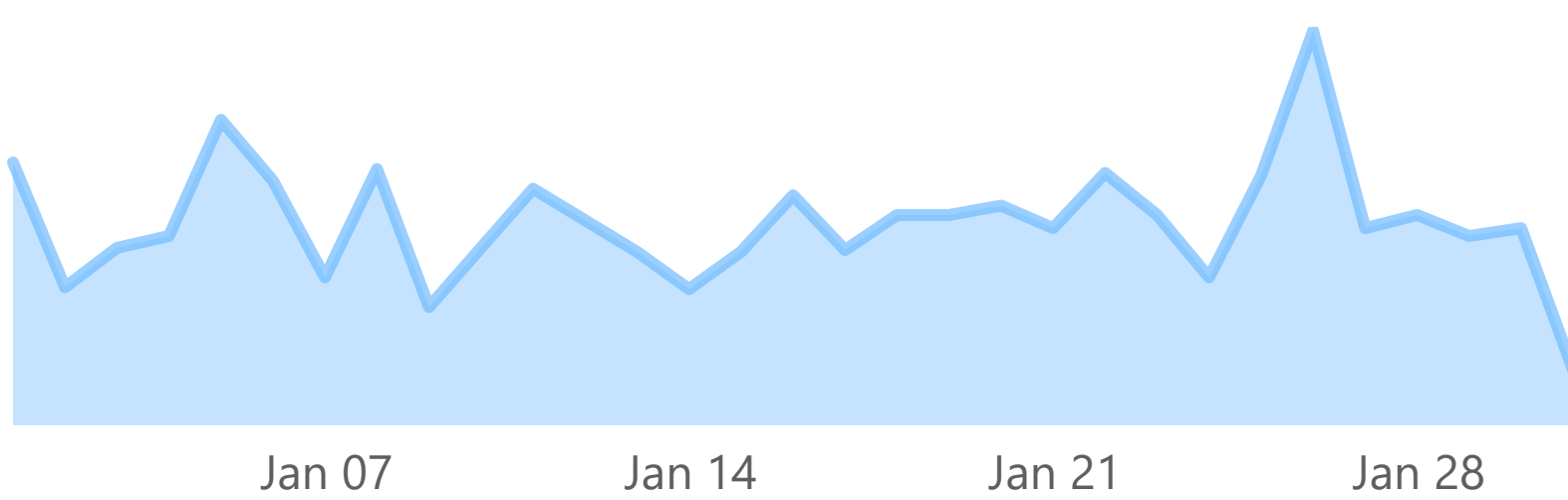
36.3 Min



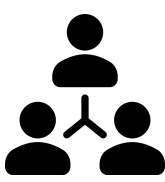
Patient Satisfaction Score



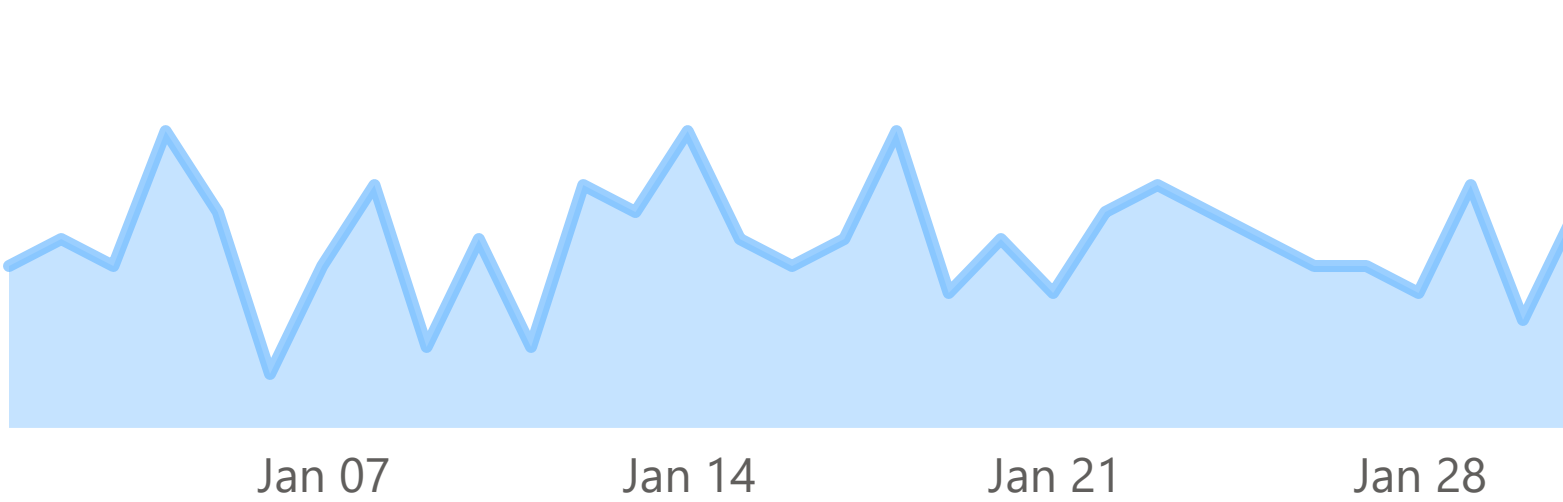
4.96



No of Patients Referred



214

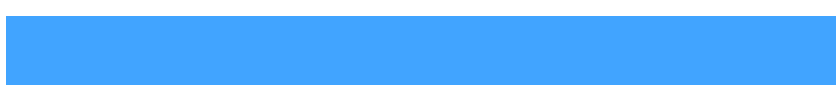


Patient Admission Status

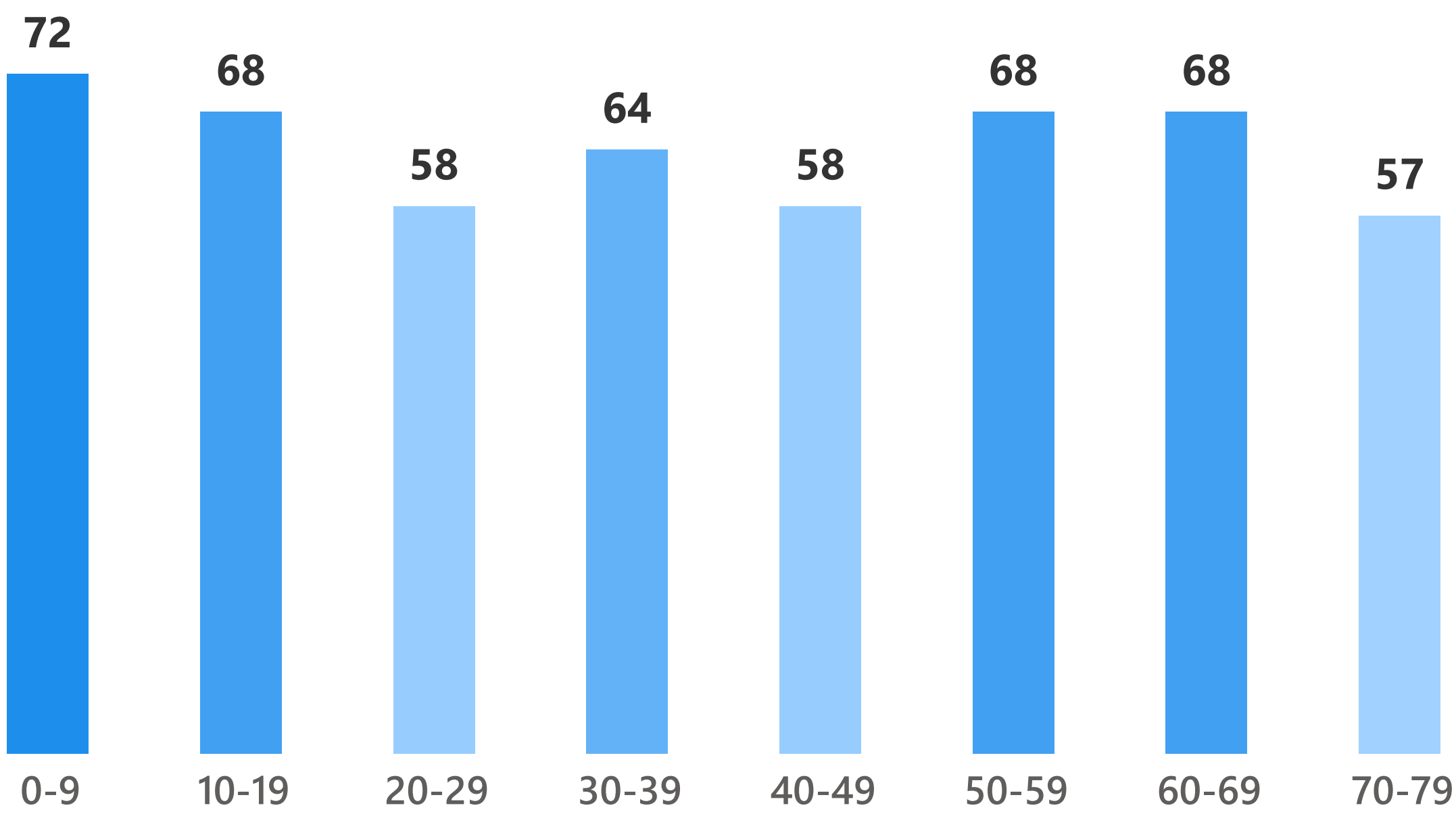
Admission Status	Patients	% of Total
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Admitted	269	52.44%
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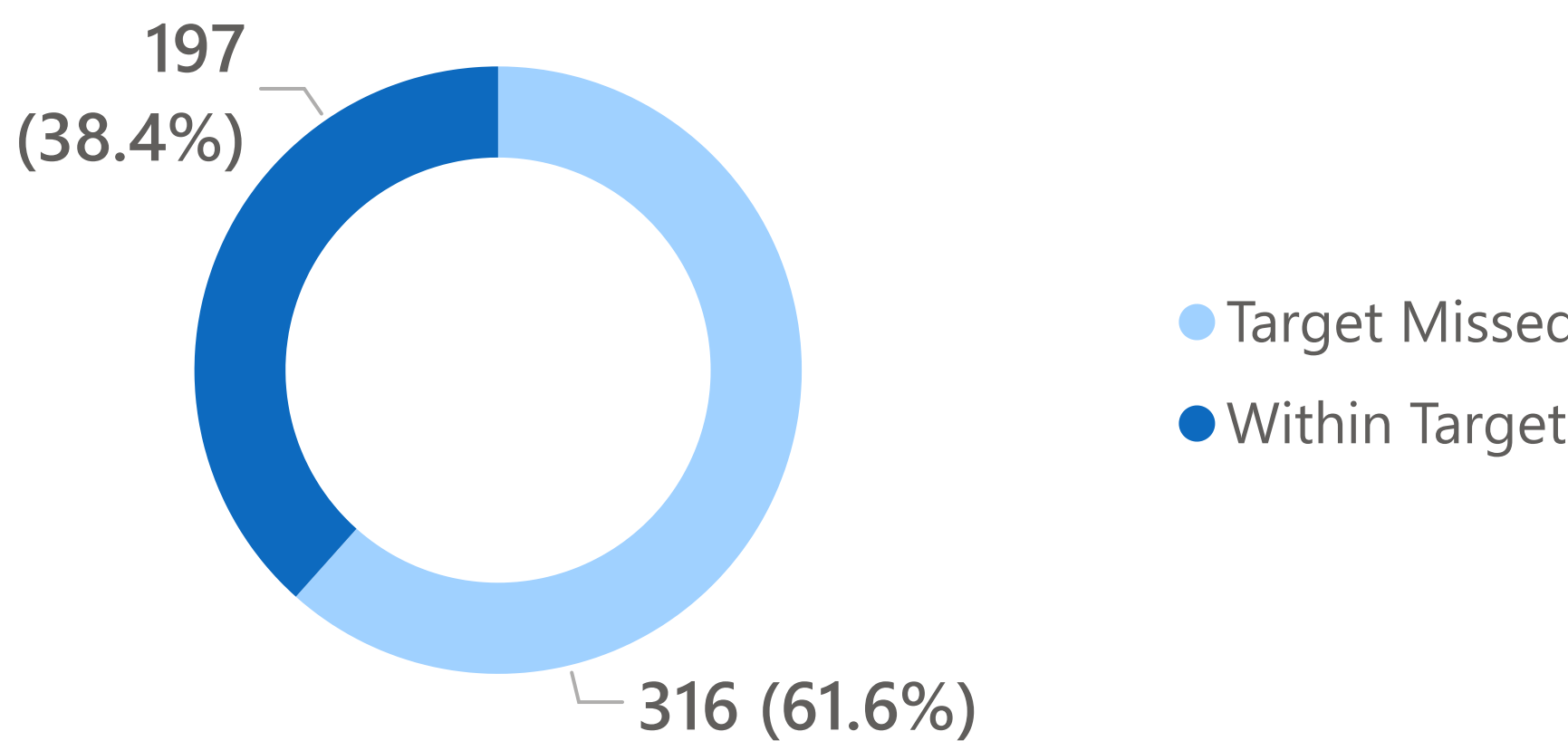
Not Admitted	244	47.56%
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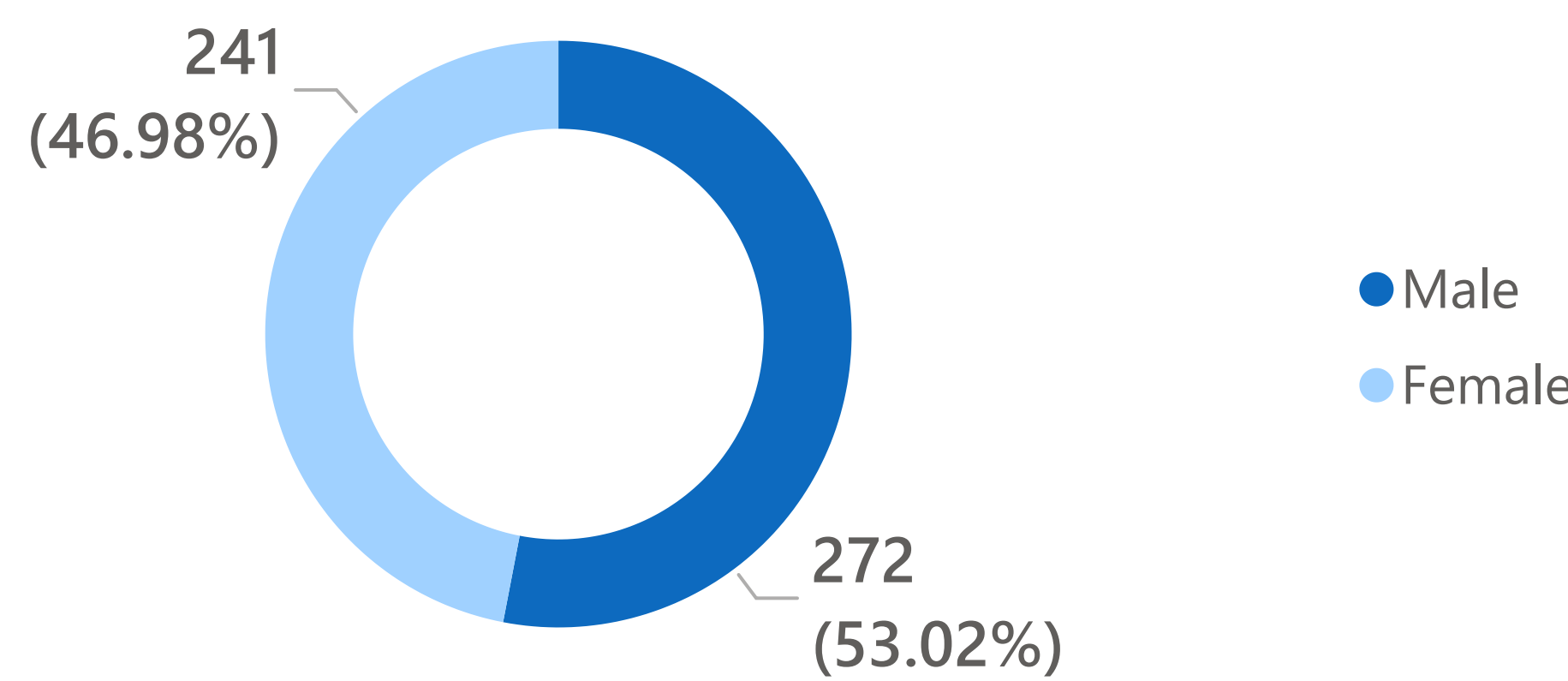
No of Patients by Age Group



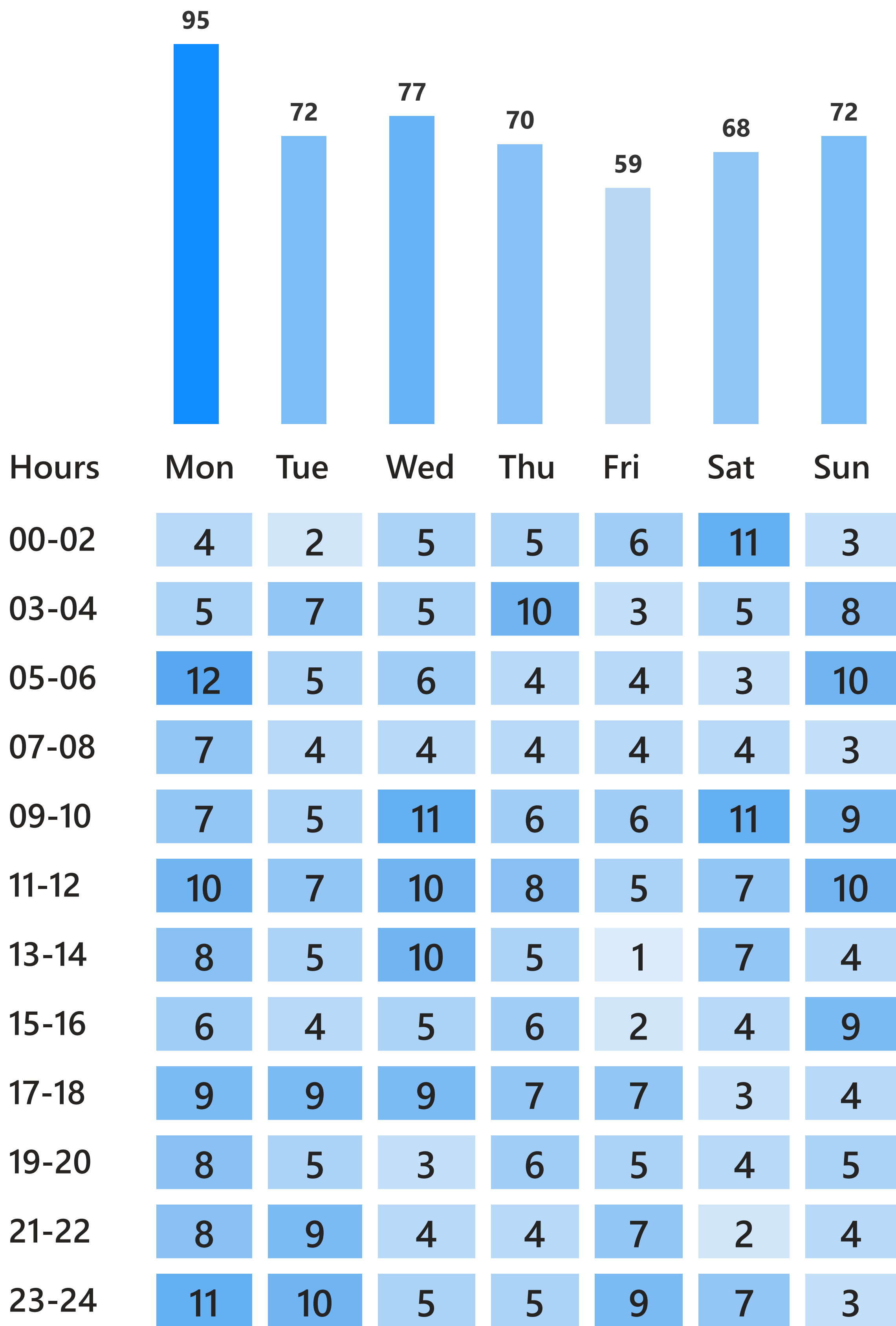
% of Patients Seen Within 30 Mins



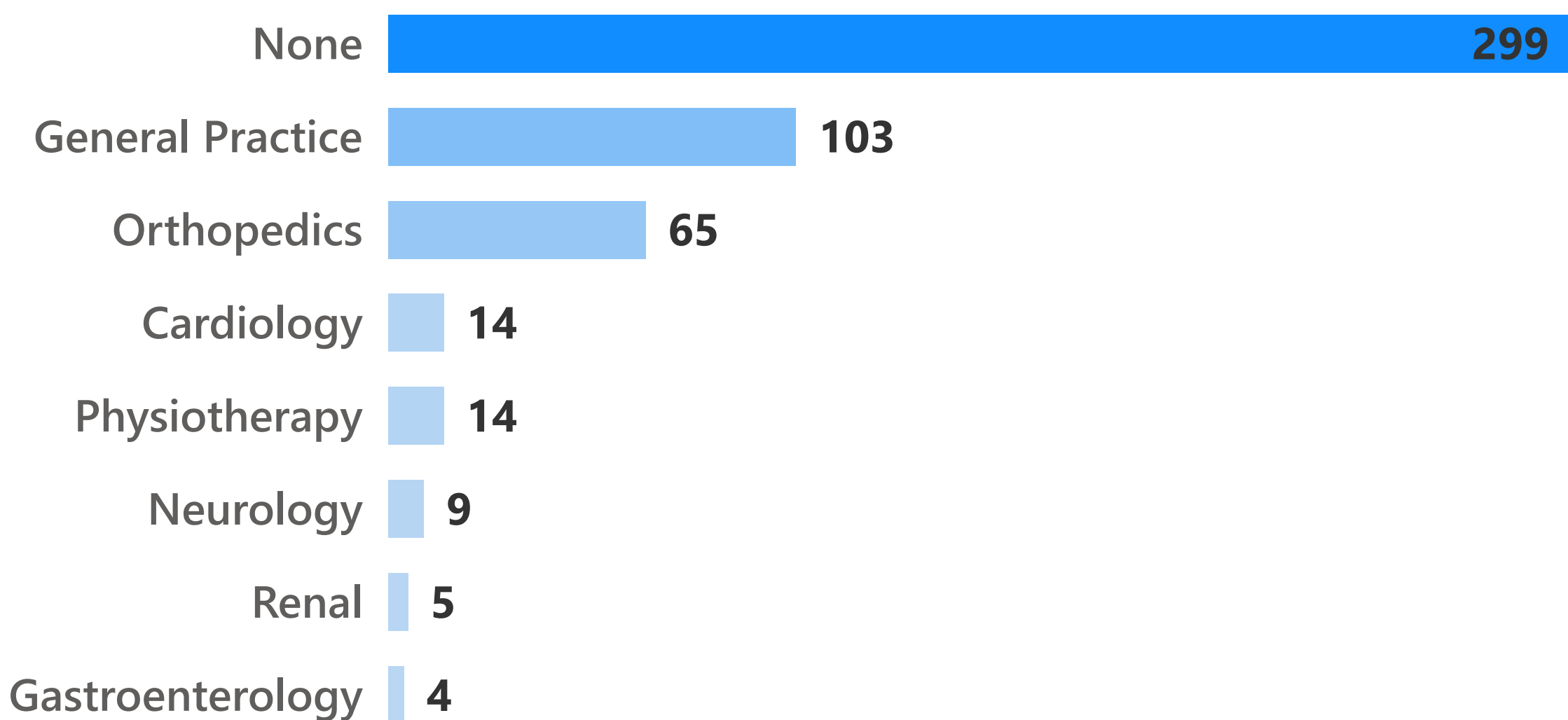
No of Patients by Gender



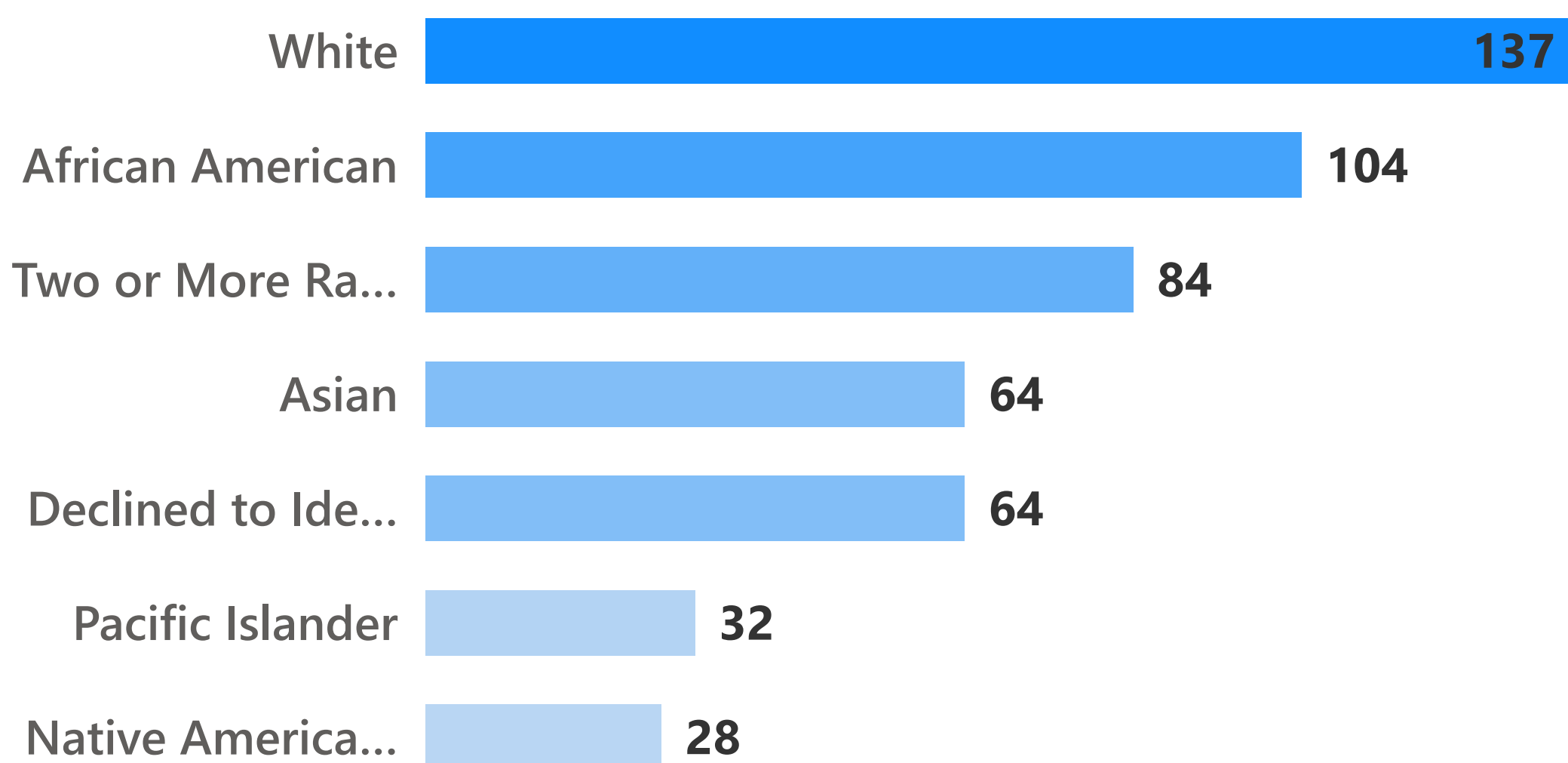
No of Patients by Day & Hour



No of Patients by Department Referral



No of Patients by Patient Race





# HOSPITAL EMERGENCY ROOM DASHBOARD

Consolidated View

4/1/2023

10/30/2024

## Menu

Monthly View

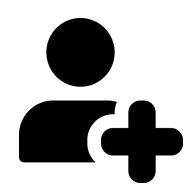
Consolidated View

Details

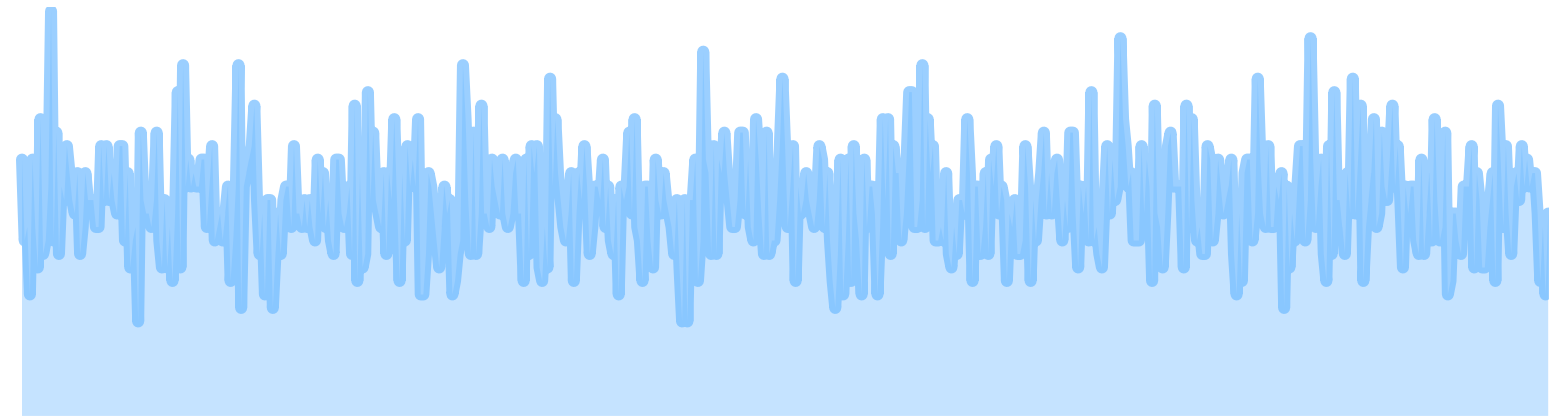
Key Takeaways



### No. of Patients



9216

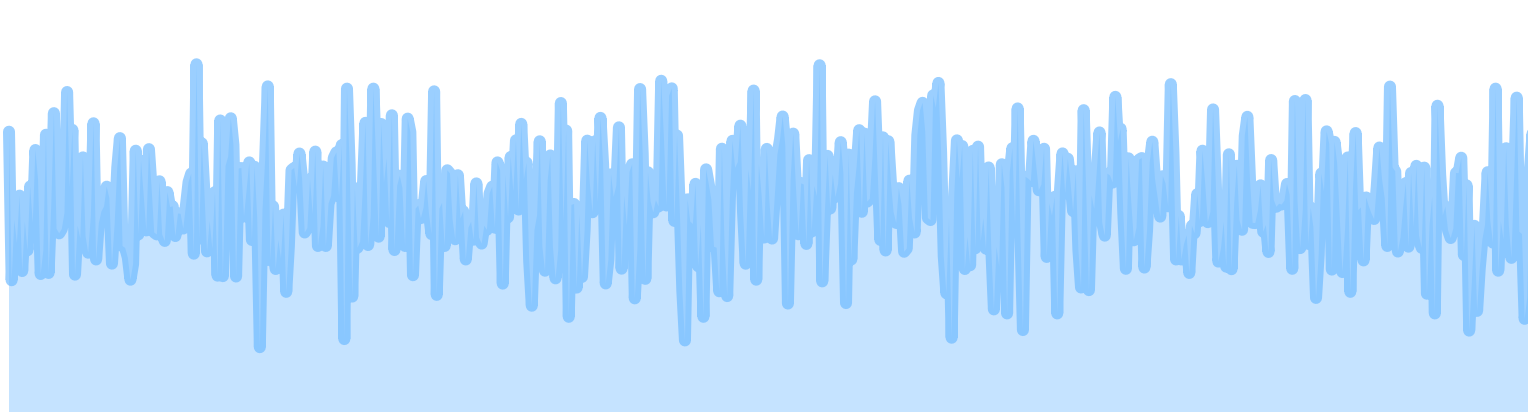


Jul 2023Jan 2024Jul 2024

### Avg. Wait Time



35.3 Min

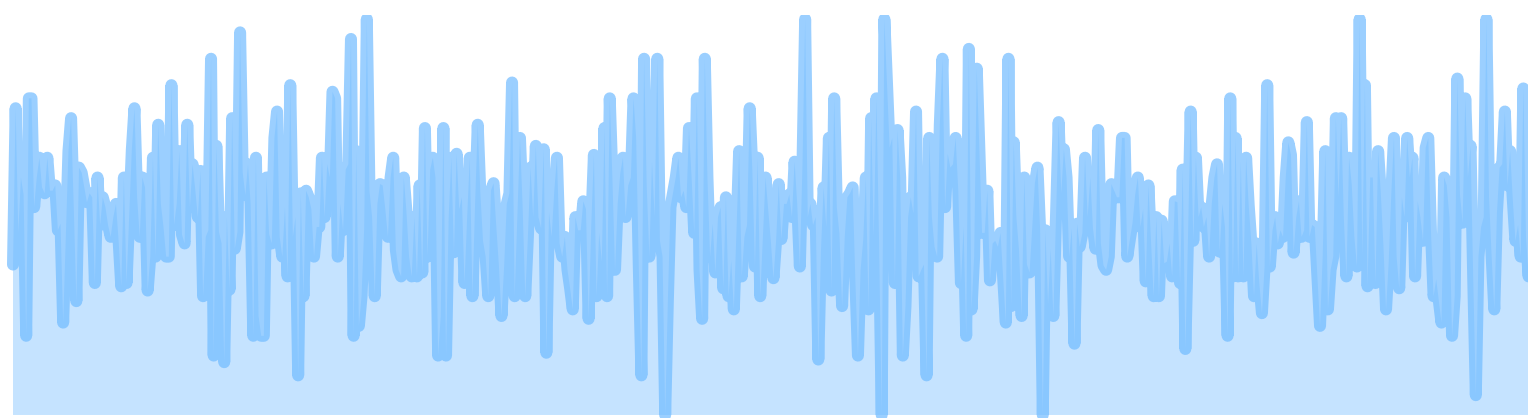


Jul 2023Jan 2024Jul 2024

### Patient Satisfaction Score

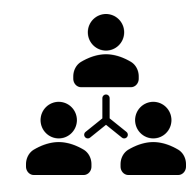


4.99

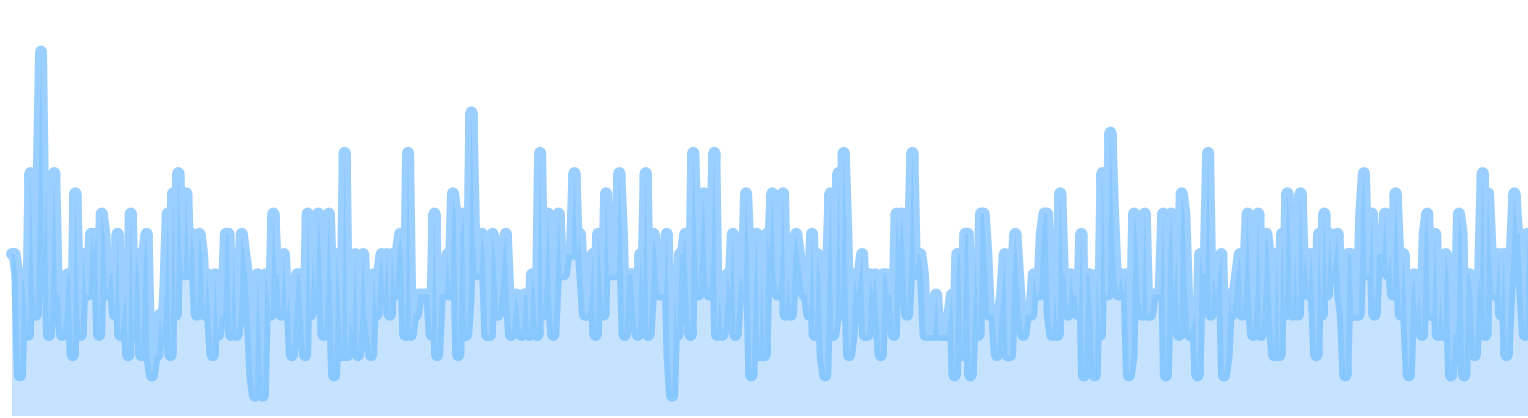


Jul 2023Jan 2024Jul 2024

### No of Patients Referred



3816



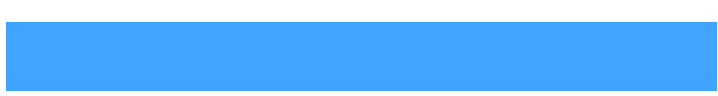
Jul 2023Jan 2024Jul 2024

### Patient Admission Status

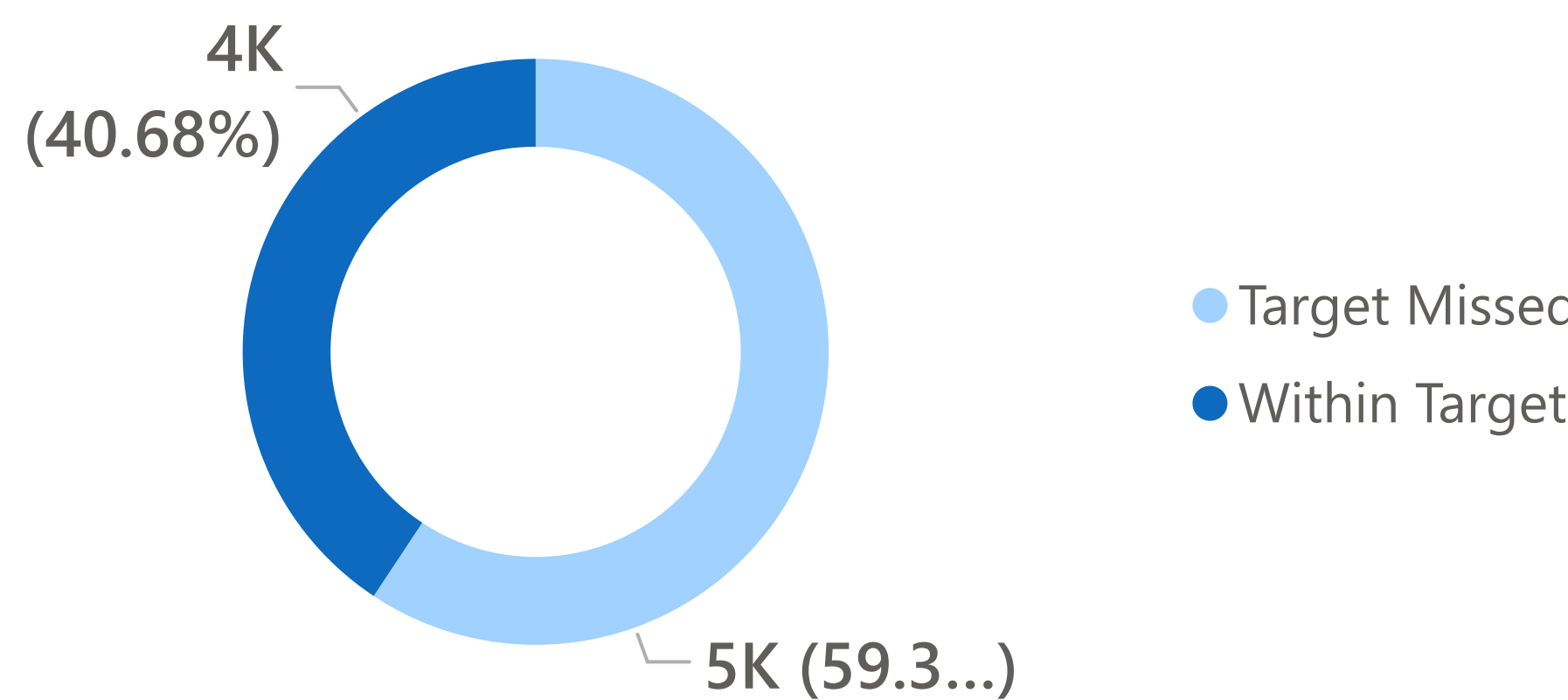
Admission Status	Patients	% of Total
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Admitted	4612	50.04%
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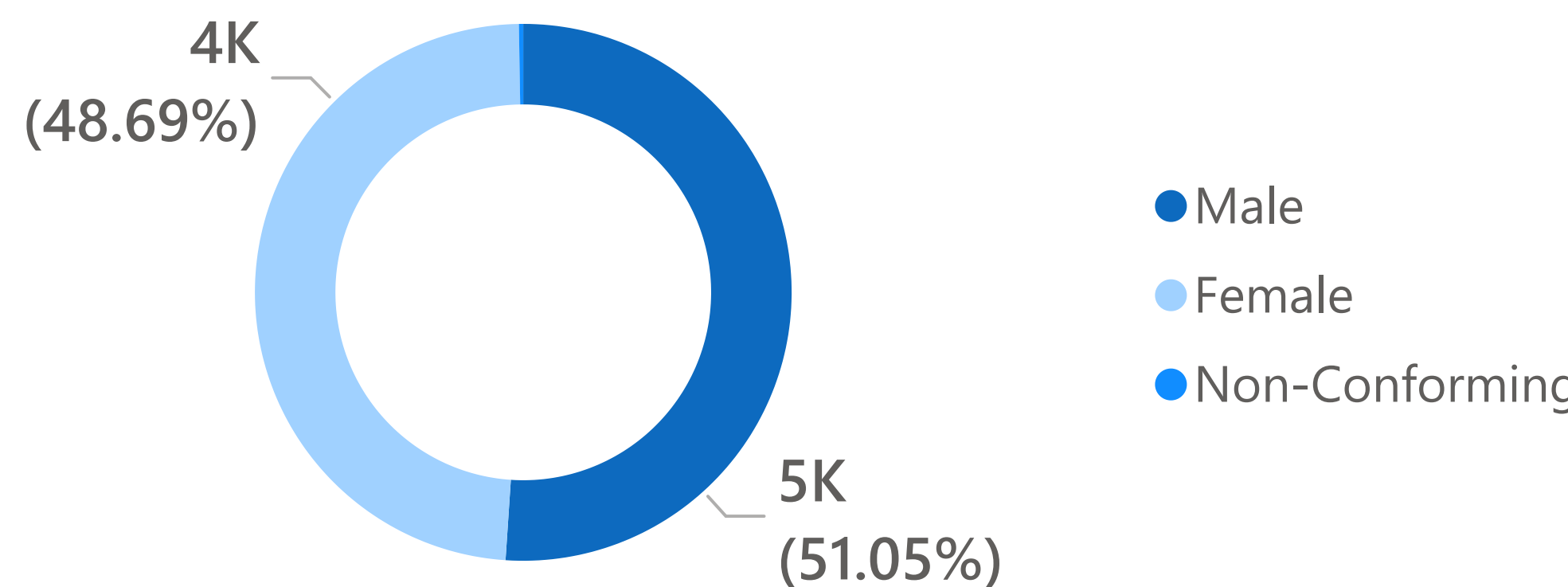
Not Admitted	4604	49.96%
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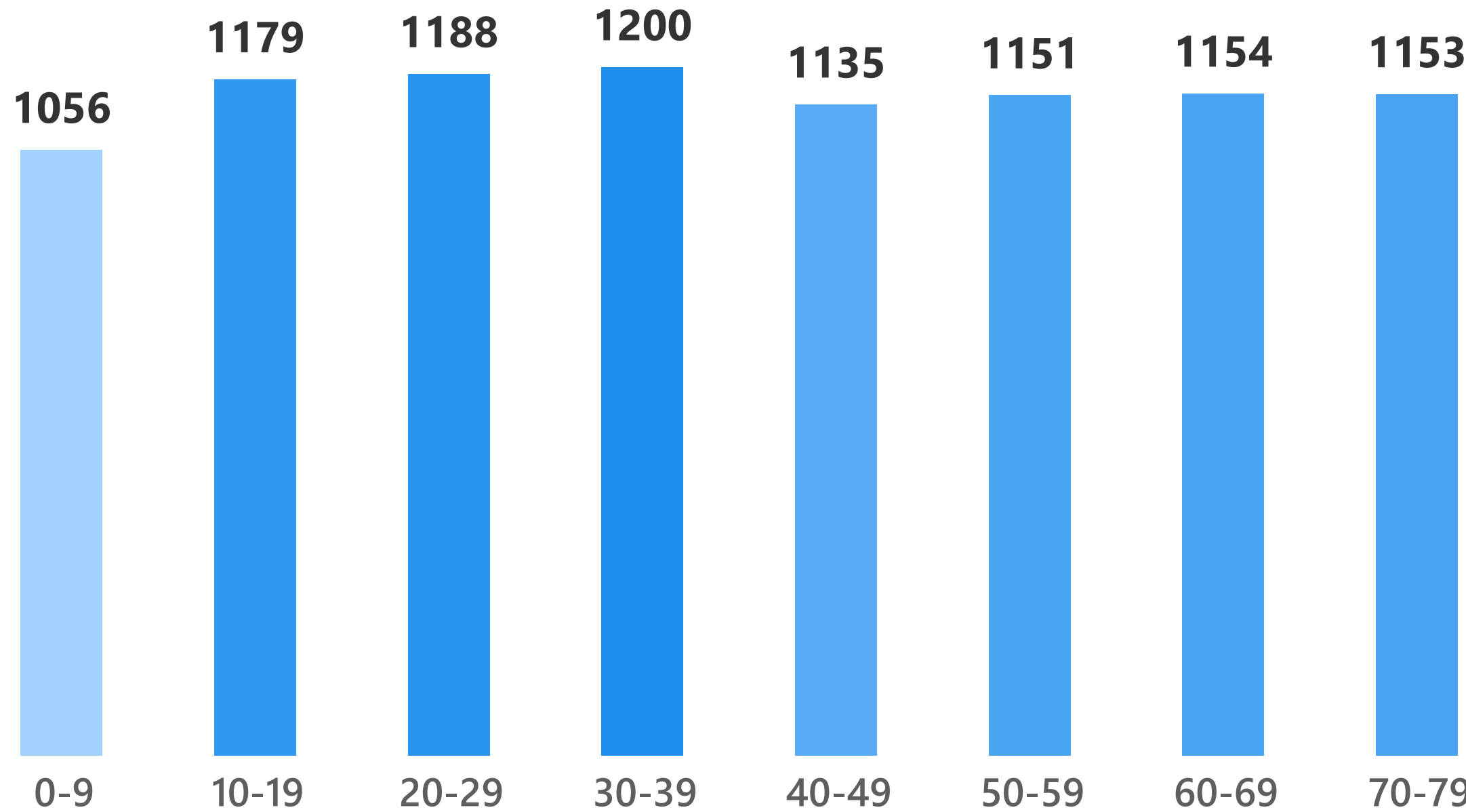
### % of Patients Seen Within 30 Mins



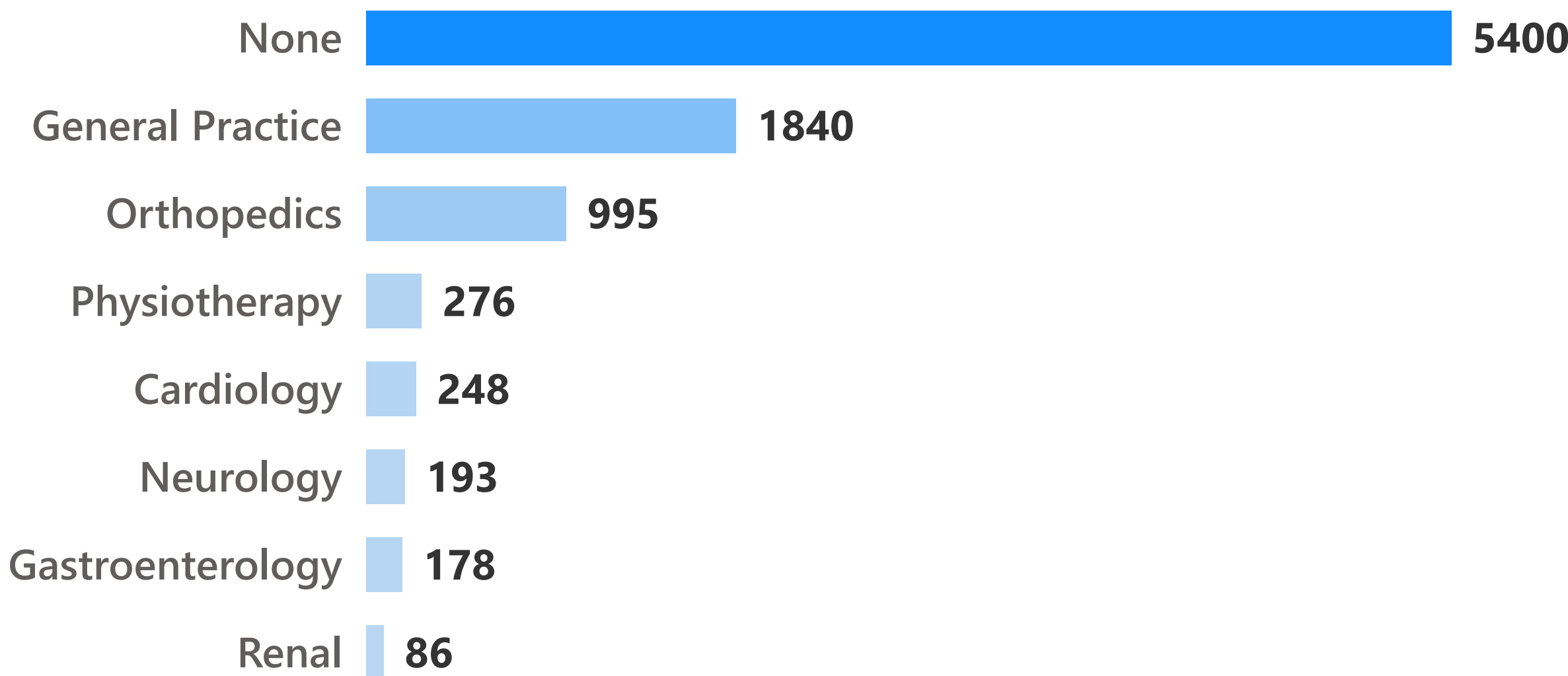
### No of Patients by Gender



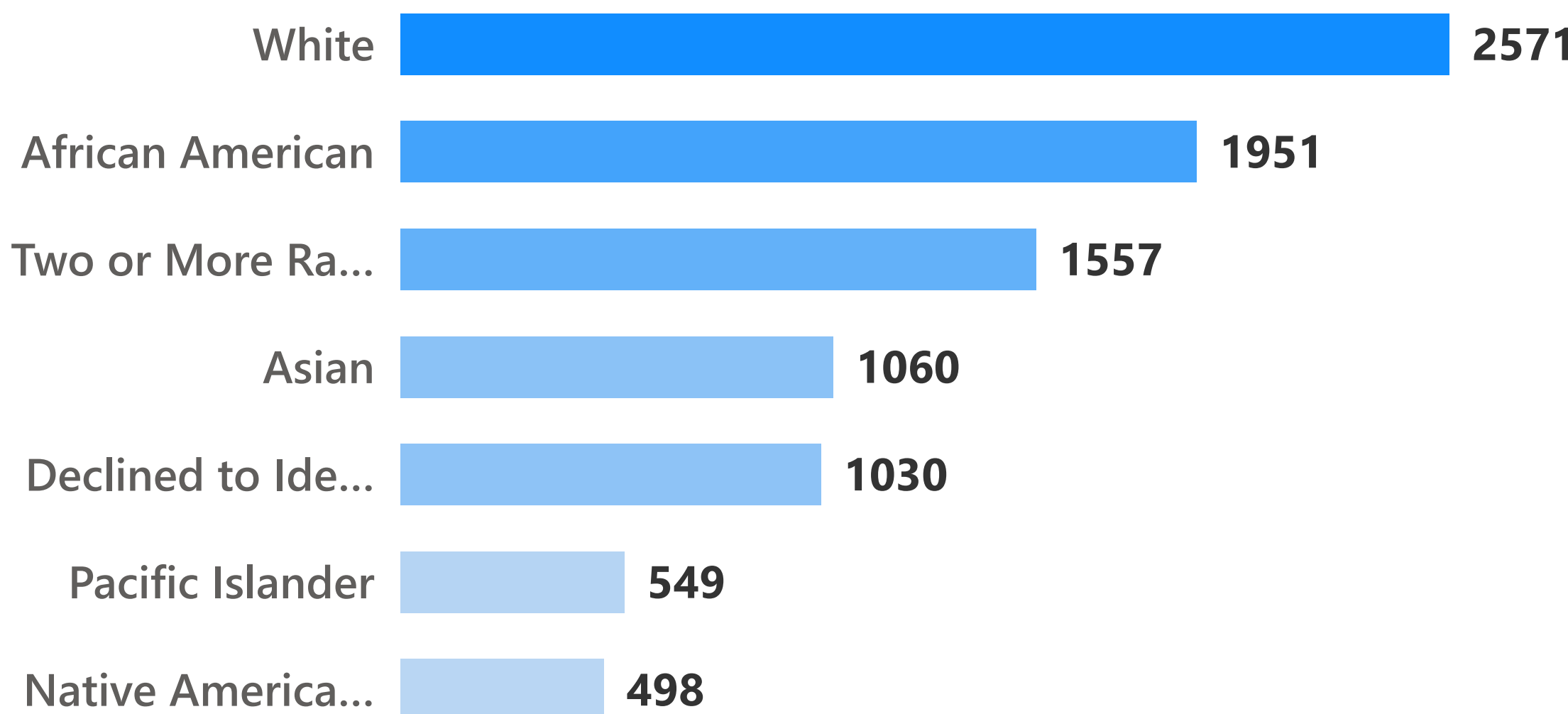
### No of Patients by Age Group



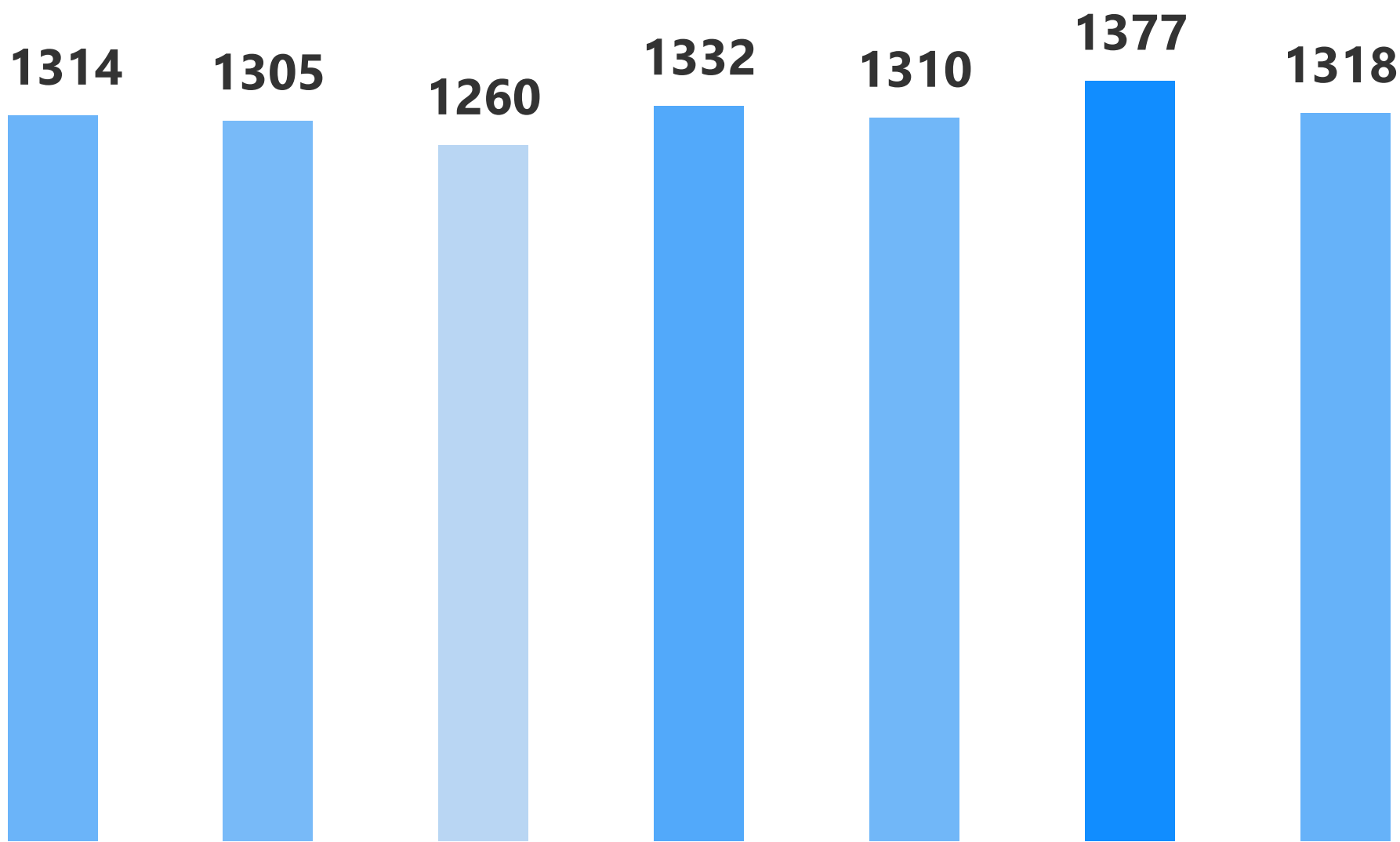
### No of Patients by Department Referral



### No of Patients by Patient Race




### No of Patients by Day & Hour



Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	114	107	102	106	113	118	118
03-04	111	107	104	100	113	128	98
05-06	125	122	104	104	98	114	110
07-08	84	123	111	124	127	102	119
09-10	116	112	107	113	102	124	100
11-12	107	106	98	111	122	109	99
13-14	115	107	117	105	107	123	102
15-16	99	94	117	111	102	110	129
17-18	104	116	102	121	98	99	97
19-20	123	84	94	105	124	113	110
21-22	110	105	97	116	89	110	121
23-24	106	122	107	116	115	127	115





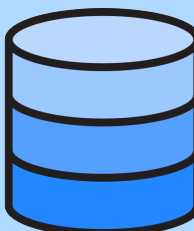


Menu

Monthly View

Consolidated View

Details

Key Takeaways



# HOSPITAL EMERGENCY ROOM DASHBOARD

## Patient Details

Patient Id	Patient Name	Gender	Patient Age	Admission Date	Patient Race	Wait Time	Department	Referral	Admission Status
100-04-3993	M St Ange	Female	29	Tuesday, April 04, 2023	White	16	None		Not Admitted
100-17-5081	V Flicker	Male	67	Sunday, January 14, 2024	African American	60	None		Not Admitted
100-21-9648	W Marran	Female	39	Wednesday, January 17, 2024	Pacific Islander	22	None		Admitted
100-34-6753	B Paulus	Male	43	Monday, May 13, 2024	Pacific Islander	25	General Practice		Admitted
100-34-9587	U Lamburn	Male	20	Monday, April 01, 2024	Declined to Identify	24	Neurology		Not Admitted
100-40-2709	O Cammack	Male	77	Wednesday, May 08, 2024	White	48	None		Not Admitted
100-66-0896	I Prickett	Male	2	Tuesday, March 26, 2024	African American	23	Orthopedics		Admitted
100-66-8222	F Mullane	Female	65	Saturday, December 23, 2023	Asian	17	General Practice		Not Admitted
100-67-1276	S Hallbird	Male	55	Friday, November 03, 2023	White	11	Orthopedics		Admitted
100-70-0071	R Downham	Male	38	Sunday, January 14, 2024	African American	57	None		Not Admitted
100-72-5705	N Dudny	Female	60	Wednesday, June 19, 2024	African American	45	None		Admitted
100-74-3943	M Hallard	Female	3	Sunday, September 17, 2023	White	14	None		Admitted
100-74-5636	A Warwicker	Female	47	Tuesday, August 13, 2024	Declined to Identify	25	None		Not Admitted
100-79-0109	P Ulyatt	Female	19	Tuesday, February 27, 2024	Pacific Islander	36	Neurology		Admitted
100-81-9769	Y Moncaster	Male	28	Saturday, March 09, 2024	White	59	None		Admitted
100-84-7203	K Ybarra	Female	37	Tuesday, June 13, 2023	White	55	None		Not Admitted
101-08-8798	L Willeson	Female	72	Wednesday, July 31, 2024	Two or More Races	48	None		Admitted
101-13-4808	V Gowdridge	Female	30	Tuesday, April 25, 2023	Declined to Identify	30	None		Admitted
101-35-3930	W Andreotti	Female	30	Wednesday, January 24, 2024	White	25	None		Admitted
101-35-7039	T Ganter	Male	26	Thursday, February 08, 2024	White	56	General Practice		Admitted





# 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.

#### Departmental 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 Mondays (1377 Patients), Saturdays (1322 Patients), and Tuesdays (1318 Patients). The busiest hours were 11 AM, 7 PM, 01 PM, and 11 PM indicating need of ample 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 Distribution:

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 the patients (4612) were admitted, while the rest (4604) were treated and released.

#### Summary:

The dataset reveals high patient 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 equal 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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Key Takeaways

