



# HOSPITAL EMERGENCY ROOM DASHBOARD

Monthly View

Apr 2023

Year

All

Month Name

All



9216

No. Of Patients



35.26

Avg. Wait Time(Min)



4.99

Satisfaction Score



3816

No. of Patients Referred

Monthly View

Consolidated View

Patient Deatils

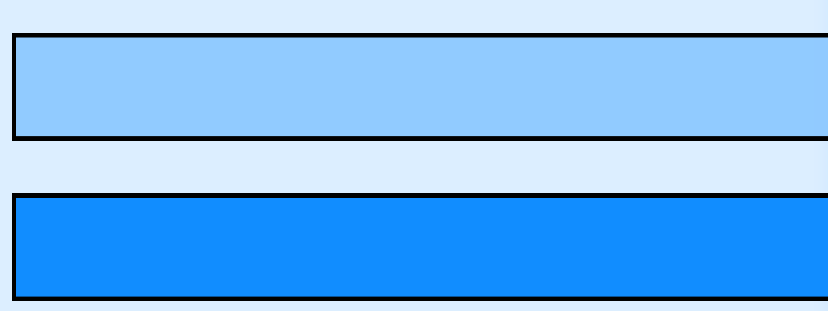
Key Takeaways

Developed by  
Sundram Mishra

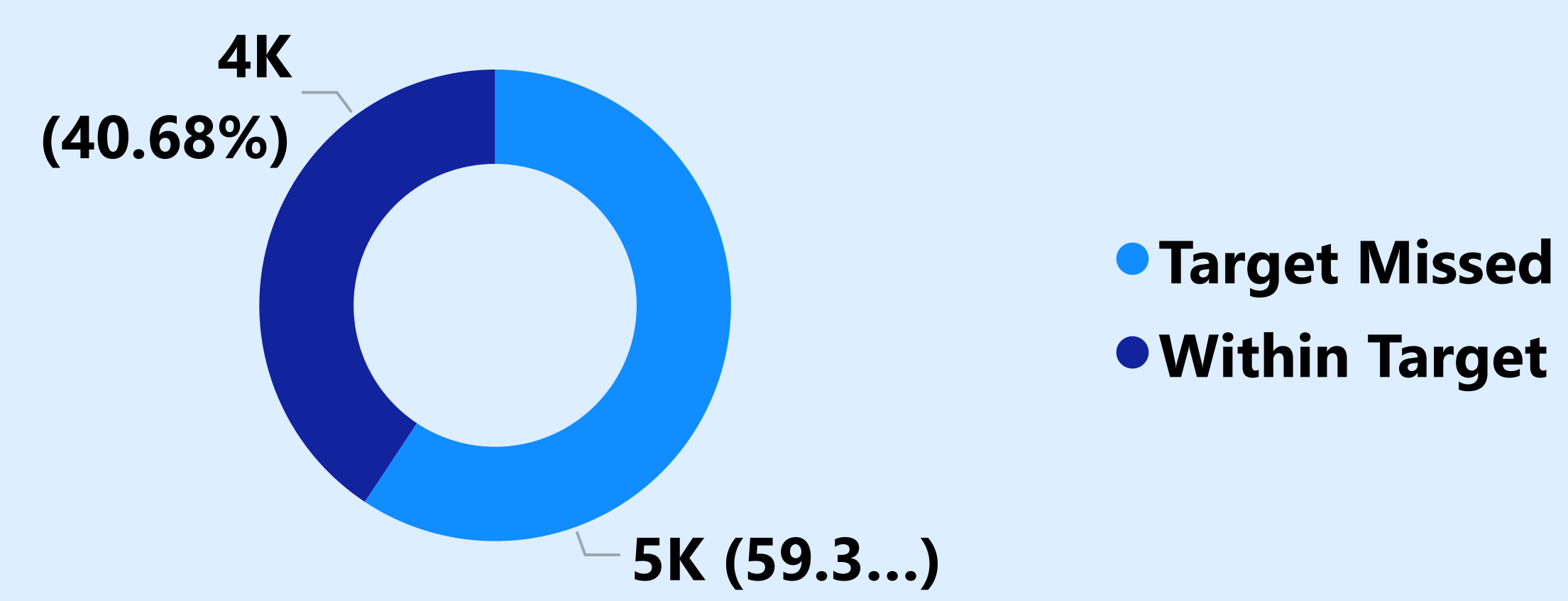


Admission Status Patients % of Total

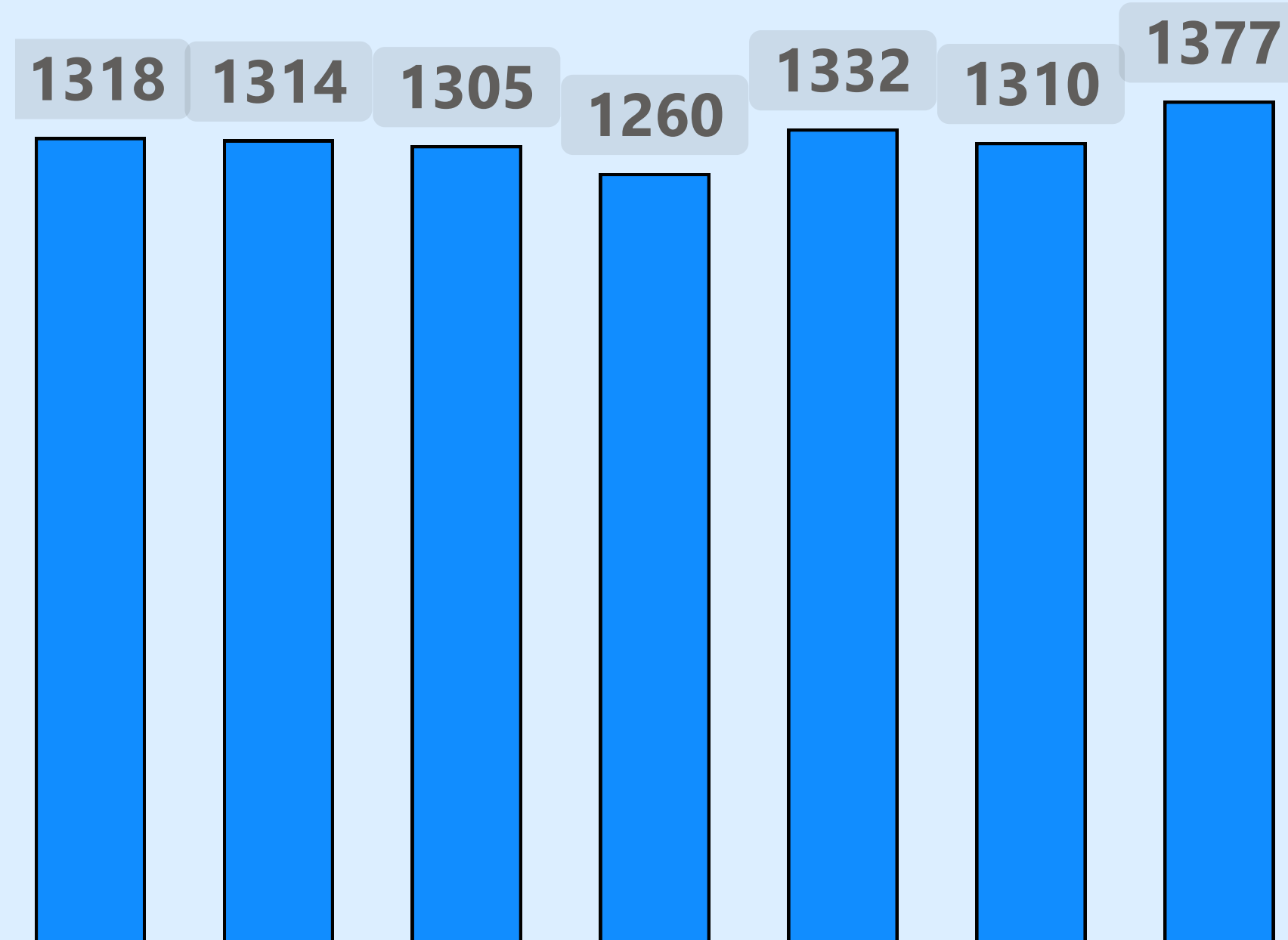
Admitted	4612	50.04%
Not Admitted	4604	49.96%
Total	9216	100.00%



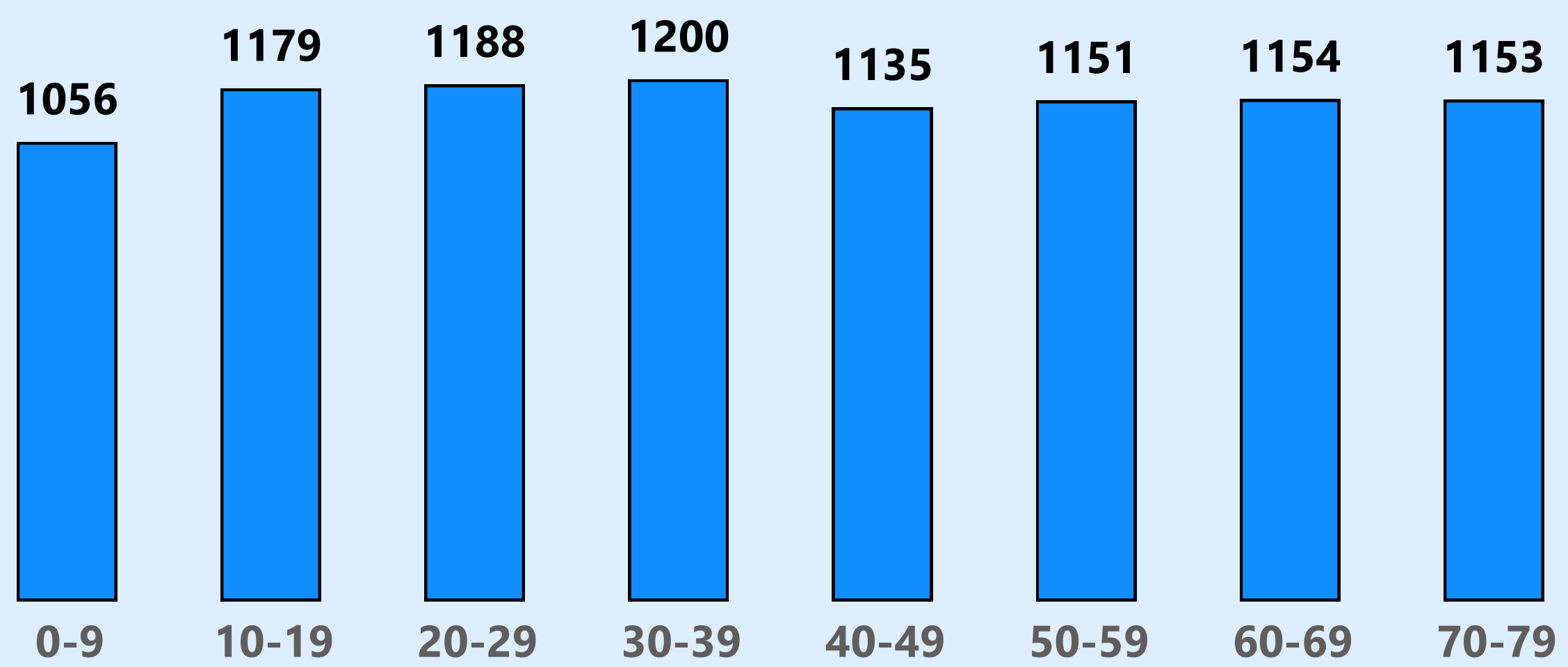
% of Patients Seen Within 30 Mins



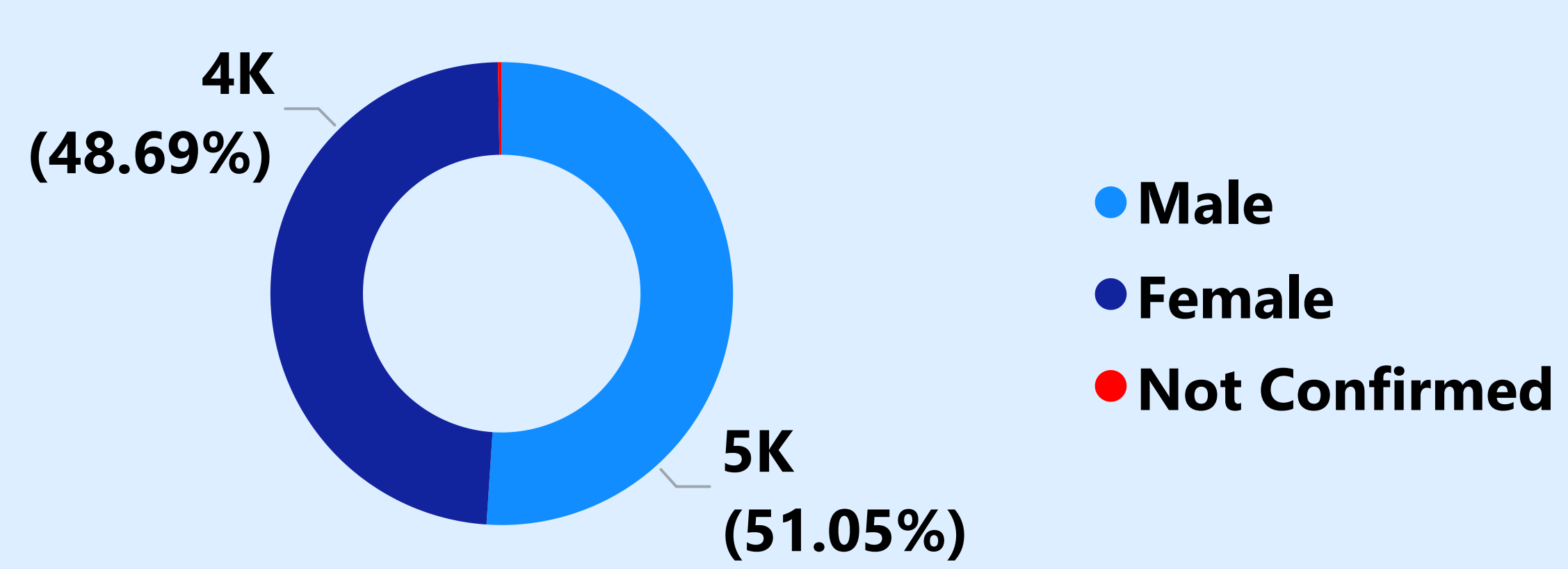
No. Of Patients by Day and Hour



No. Of Patients by Age Group

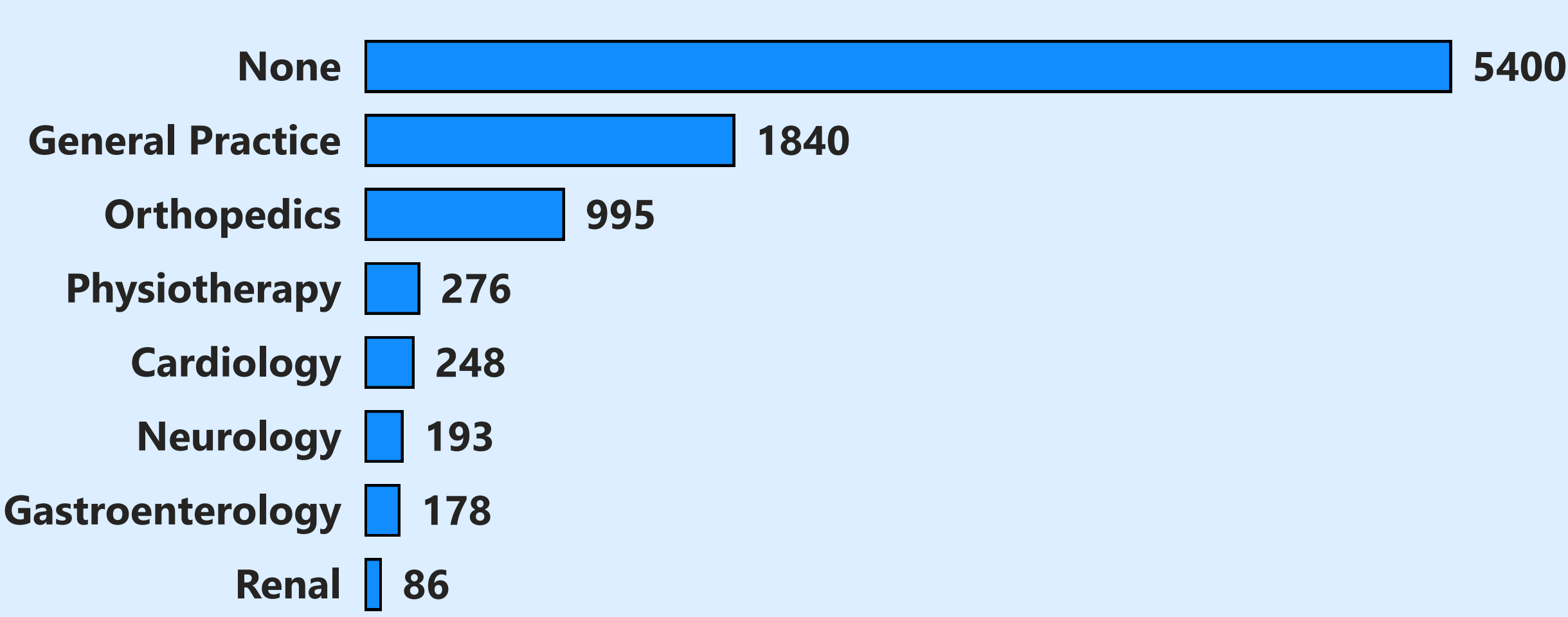


No. Of Patients by Patient Gender

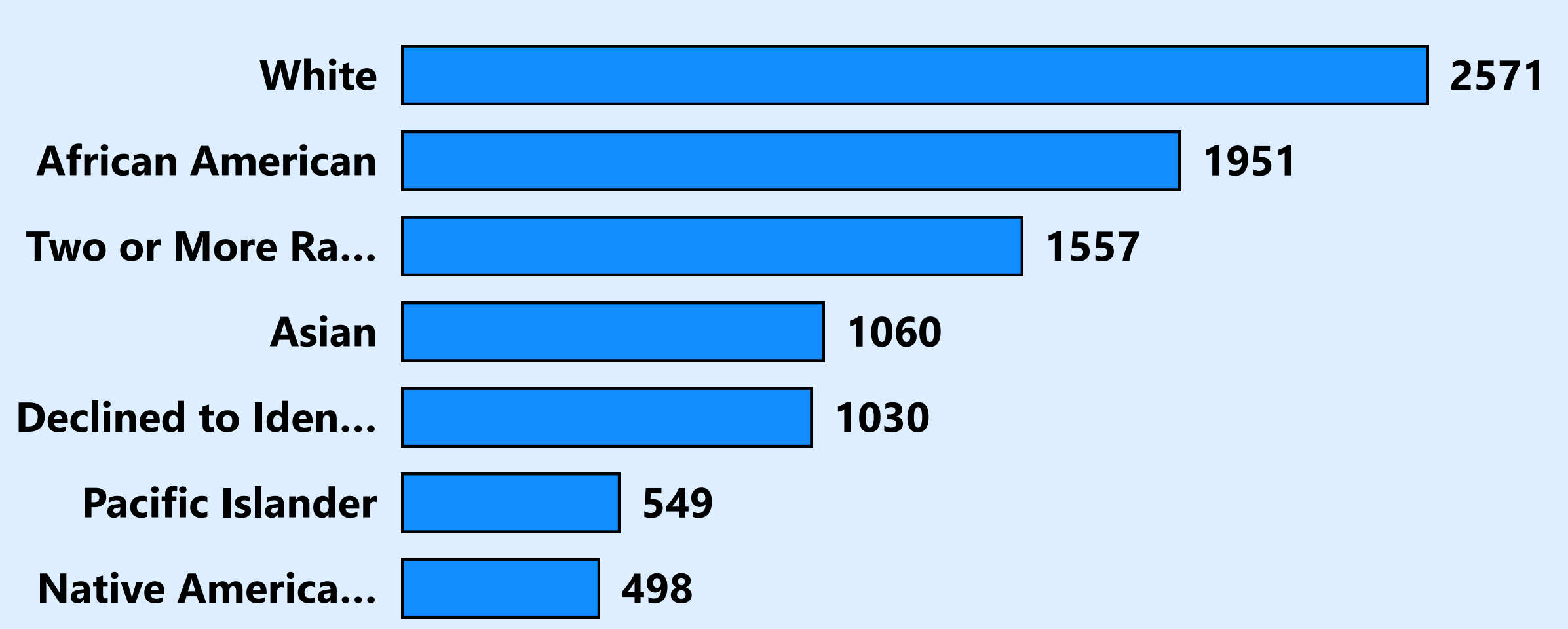


Waittime Interval	Sun	Mon	Tue	Wed	Thu	Fri	Sat
00-02	118	114	107	102	106	113	118
03-04	98	111	107	104	100	113	128
05-06	110	125	122	104	104	98	114
07-08	119	84	123	111	124	127	102
09-10	100	116	112	107	113	102	124
11-12	99	107	106	98	111	122	109
13-14	102	115	107	117	105	107	123
15-16	129	99	94	117	111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

No. Of Patients by Department Referral



No. Of Patients by Patient Race





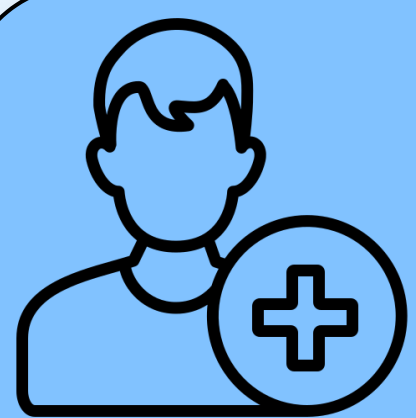


# HOSPITAL EMERGENCY ROOM DASHBOARD

Consolidated View

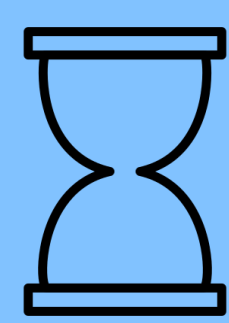
4/1/2023

10/30/2024



9216

No. Of Patients



35.26

Avg. Wait Time(Min)



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Satisfaction Score



3816

No. of Patients Referred

Monthly View

Consolidated View

Patient Deatils

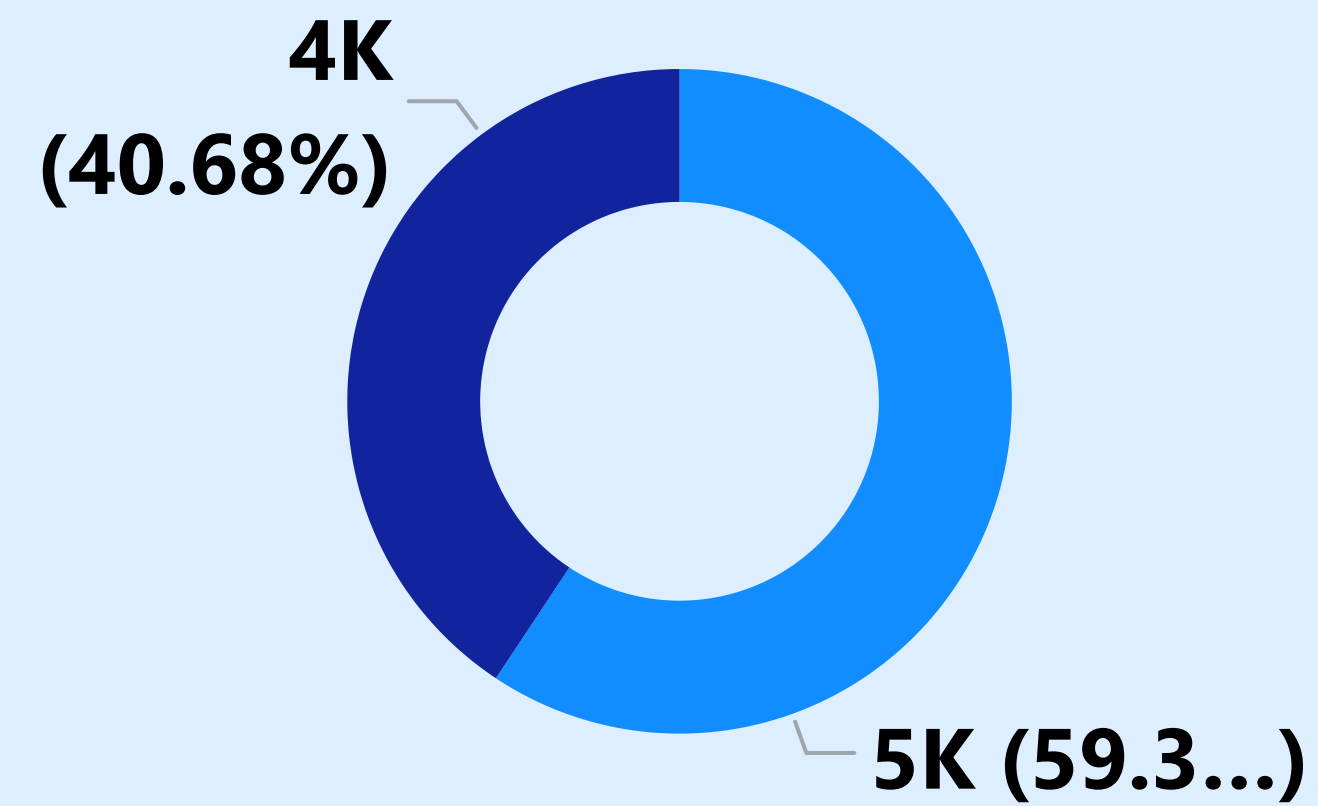
Key Takeaways

Admission Status Patients % of Total

Admitted	4612	50.04%
Not Admitted	4604	49.96%
Total	9216	100.00%

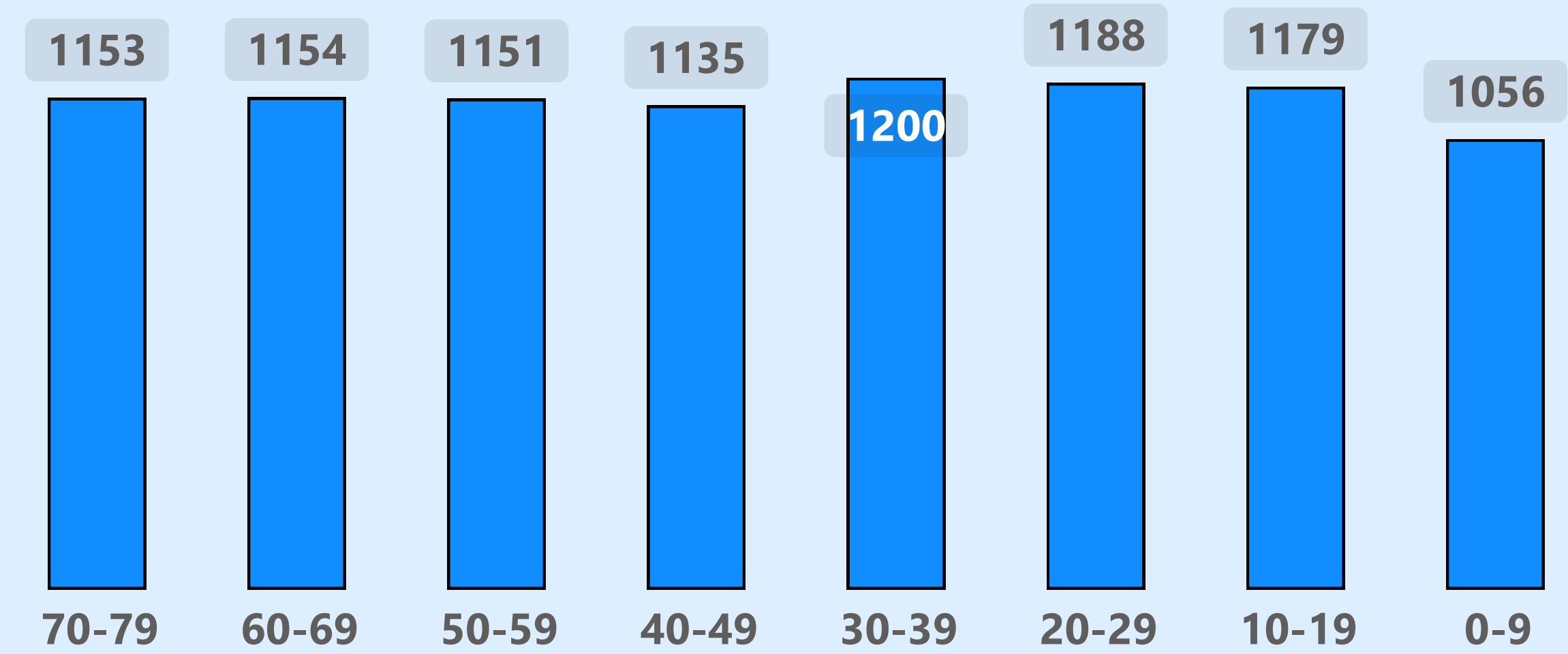


% of Patients Seen Within 30 Mins

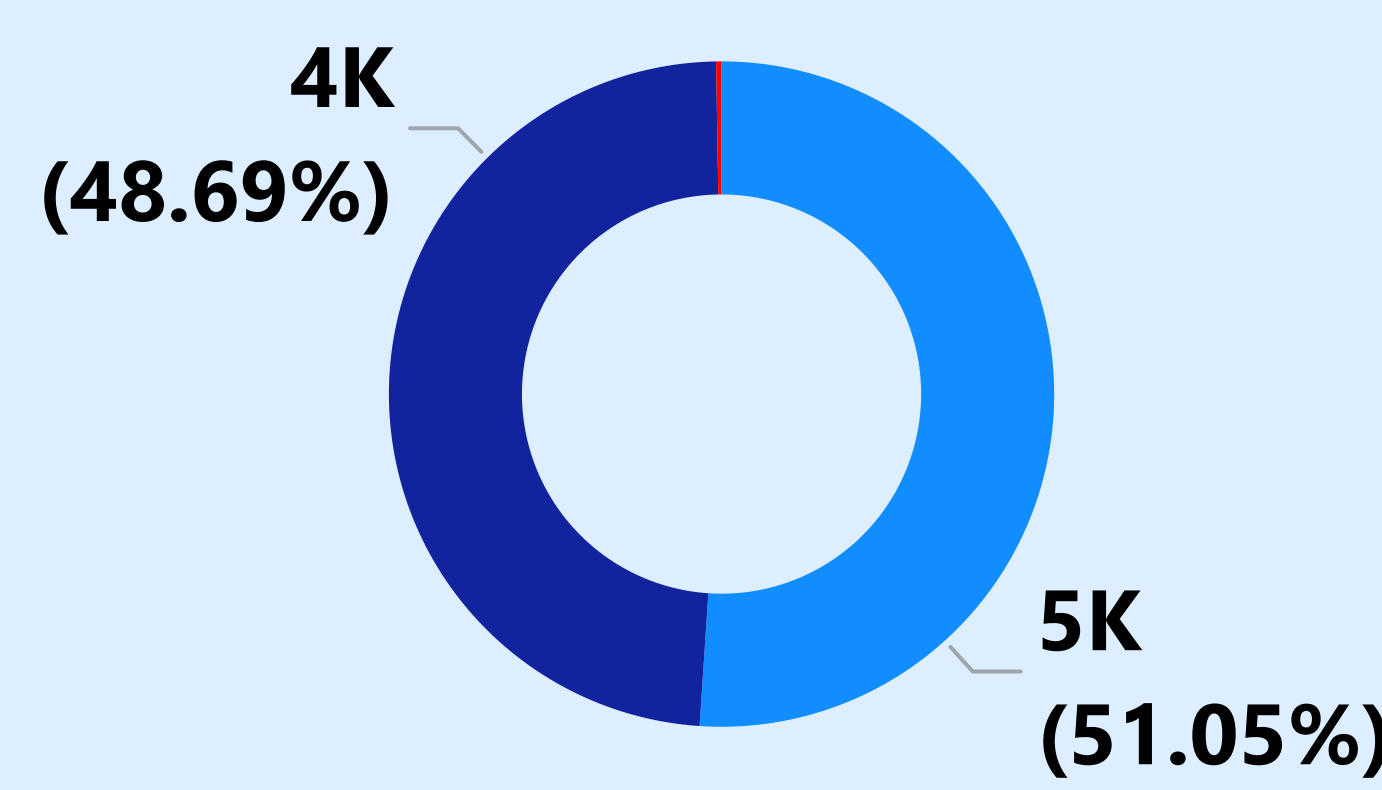


Target Missed  
Within Target

No. Of Patients by Age Group

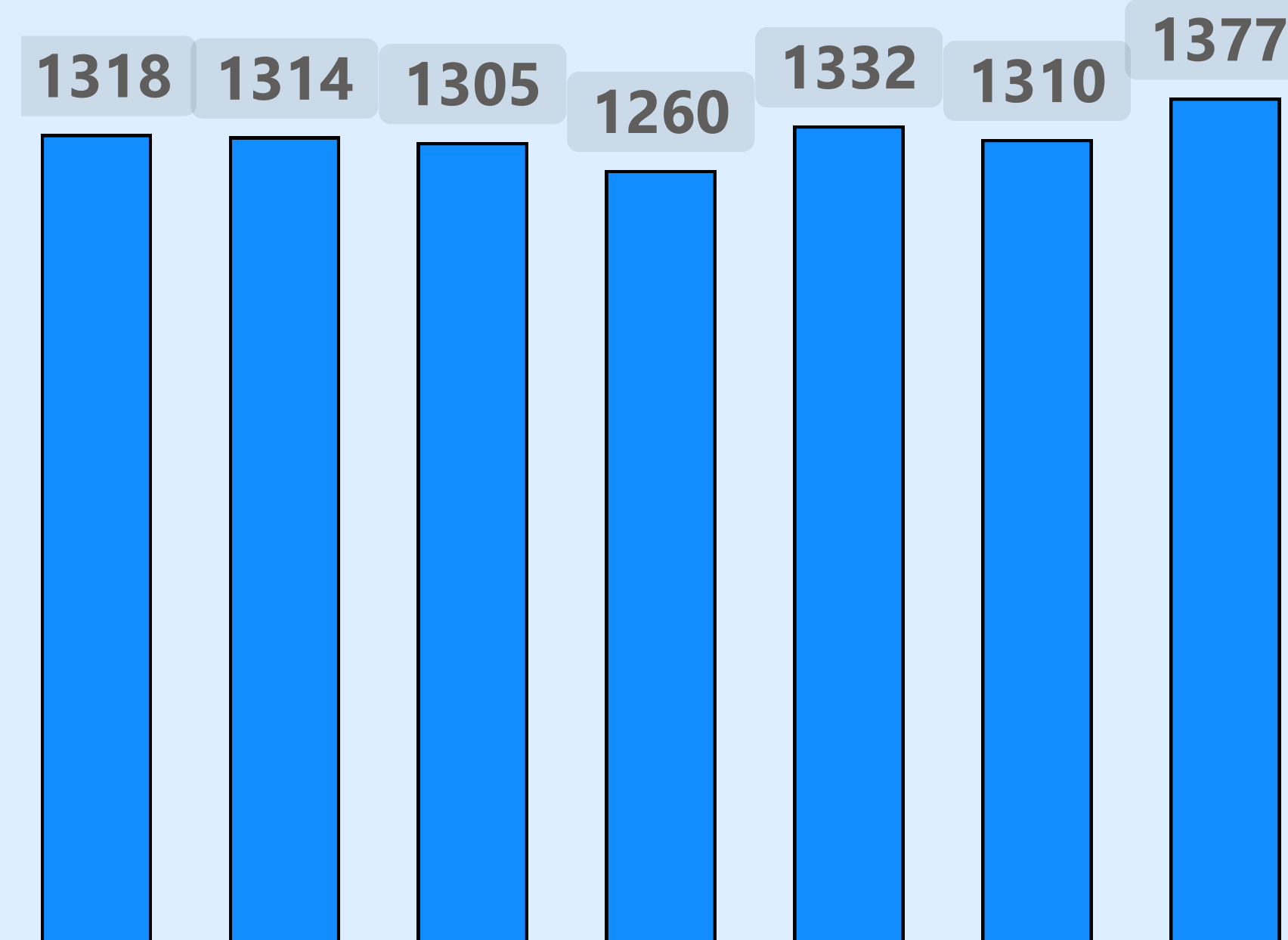


No. Of Patients by Patient Gender



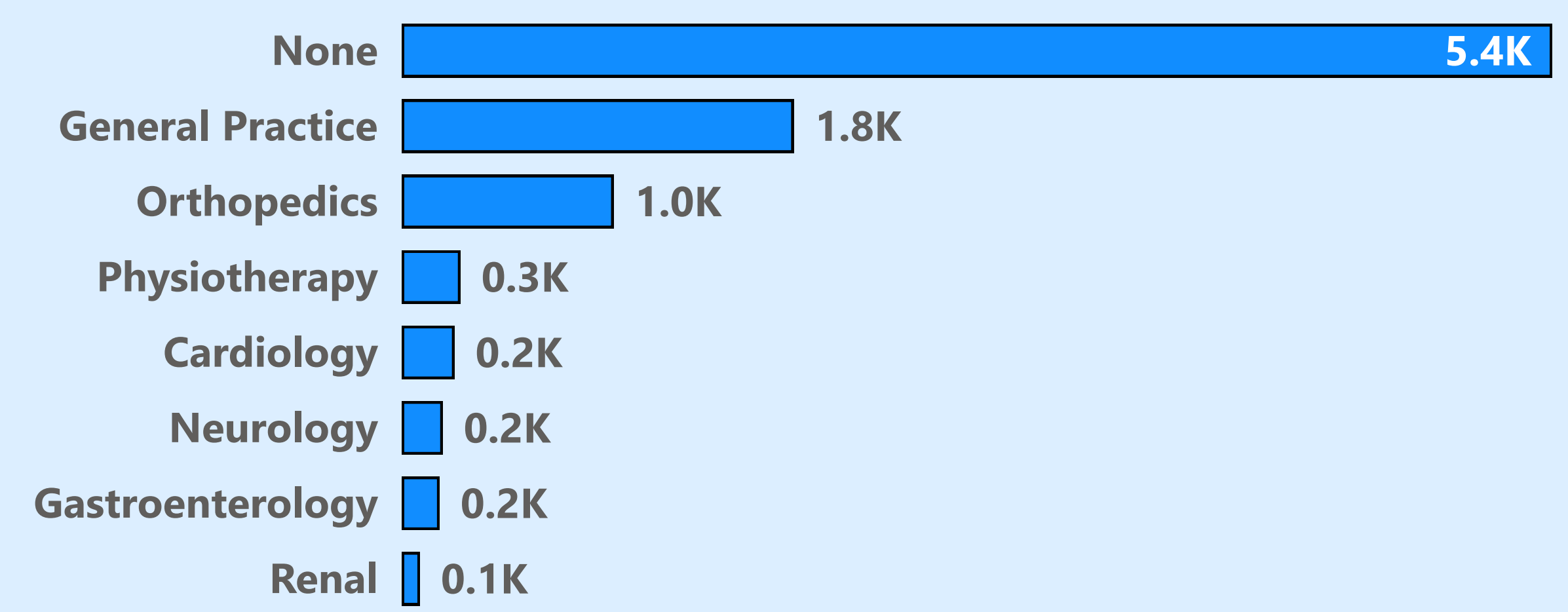
Male  
Female  
Not Confirmed

No. Of Patients by Day and Hour

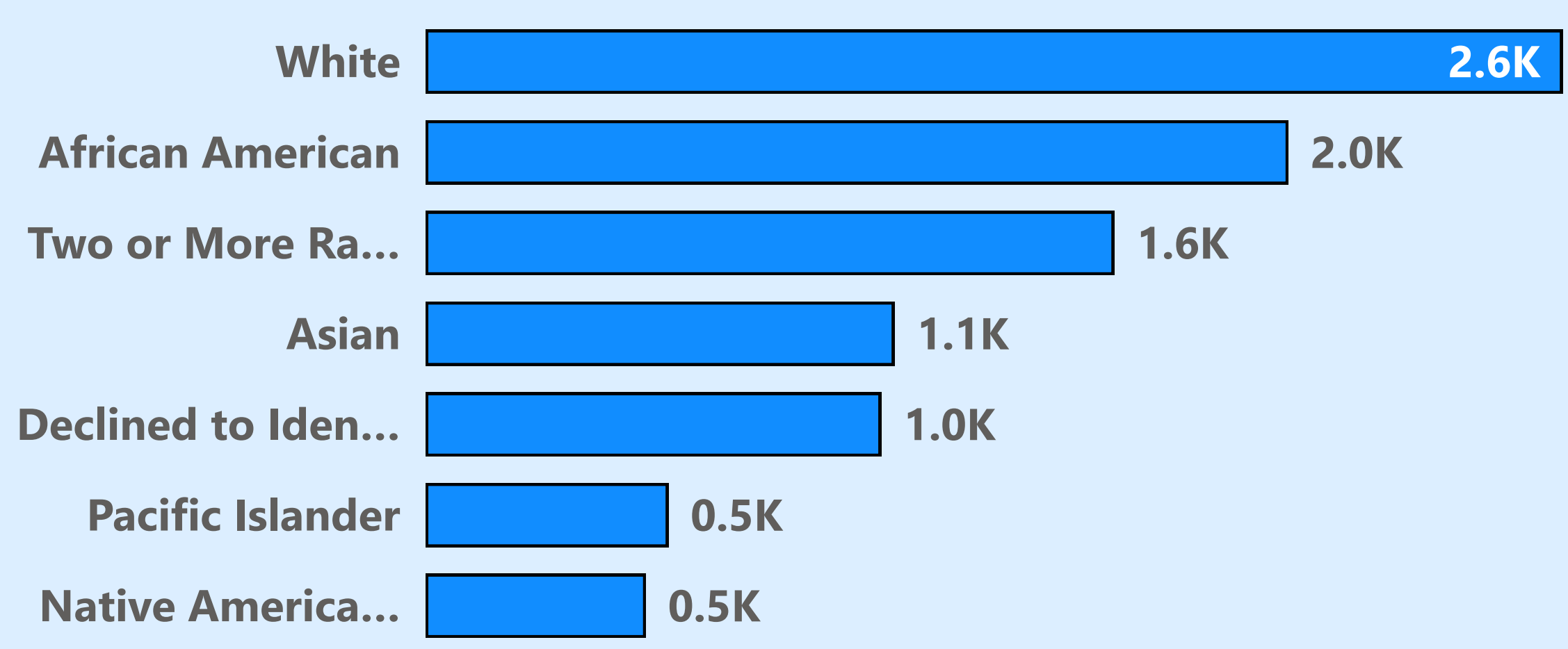


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19-20	110	123	84	94	105	124	113
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23-24	115	106	122	107	116	115	127

No. Of Patients by Department Referral



No. Of Patients by Patient Race





**4/1/2023**



**10/30/2024**



Patient Id	Patient Full Name	Patient Gender	Patient Age	Patient Admit Date	Patient Race	Patient Waittime	Department Referral	Patients Admission Status
100-04-3993	M St Ange	Female	29	Tuesday, April 04, 2023	White	16	None	Not Admitted
100-21-9648	W Marran	Female	39	Wednesday, January 17, 2024	Pacific Islander	22	None	Admitted
100-66-8222	F Mullane	Female	65	Saturday, December 23, 2023	Asian	17	General Practice	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
100-84-7203	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
101-50-7359	D Sabey	Female	50	Friday, October 13, 2023	White	56	None	Admitted
101-56-3319	M Kilduff	Female	44	Sunday, October 08, 2023	Asian	55	None	Admitted
101-60-5189	G Georger	Female	45	Sunday, August 04, 2024	White	43	None	Not Admitted
101-66-4553	R Odd	Female	14	Saturday, March 30, 2024	Two or More Races	57	General Practice	Admitted
101-85-4810	R McBoyle	Female	74	Monday, August 07, 2023	White	55	None	Admitted
102-20-6596	V Asson	Female	69	Tuesday, June 11, 2024	African American	33	General Practice	Not Admitted
102-21-5953	O Annett	Female	49	Wednesday, August 14, 2024	White	11	Orthopedics	Not 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 35.26 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 Saturdays(1377 Patients), Thursdays(1322 Patients), and Sundays(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. Saturdays 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

Monthly View

Consolidated View

Patient Deatils

Key Takeaways