



# HOSPITAL EMERGENCY ROOM DASHBOARD

MONTHLY VIEW

Oct 2024

Year

2024



Month

Oct



## Menu

Monthly View

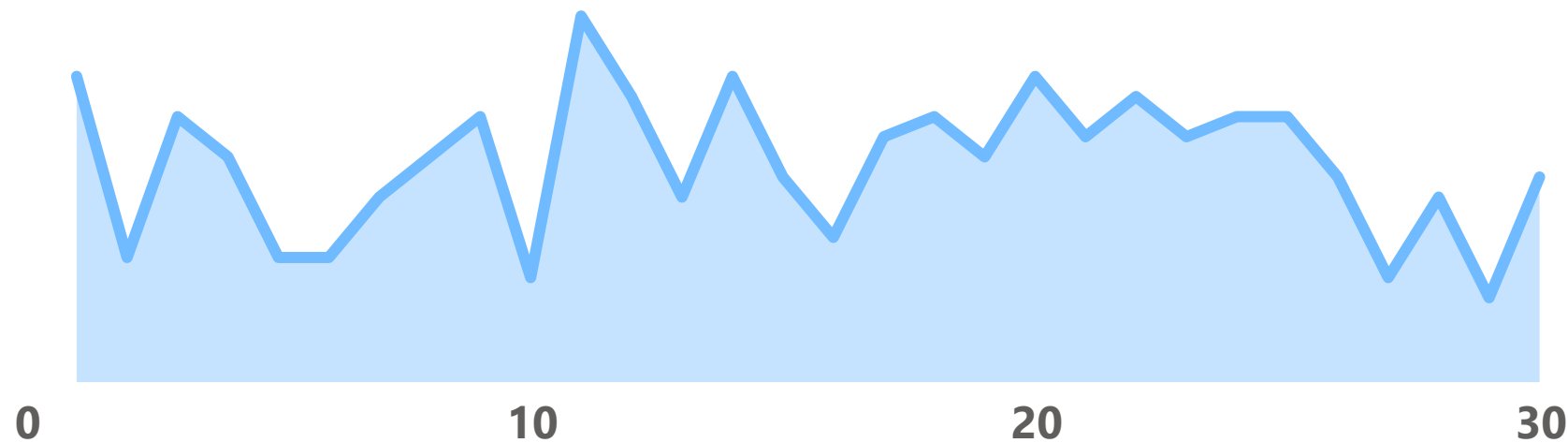
Consolidated View

Patient Details

Key Takeaways

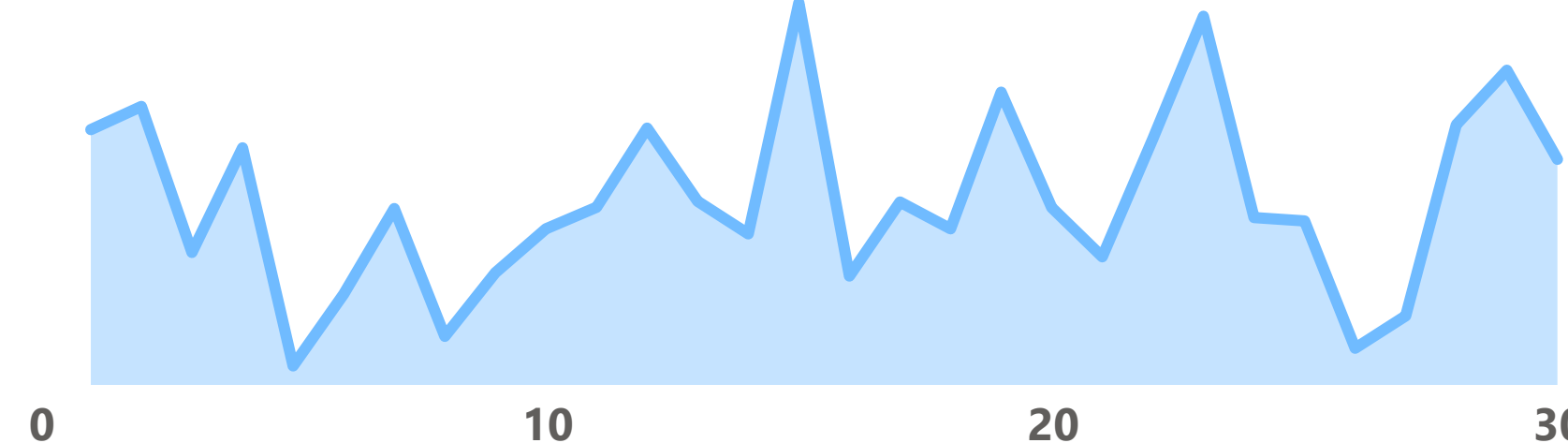
No. of Patients

471



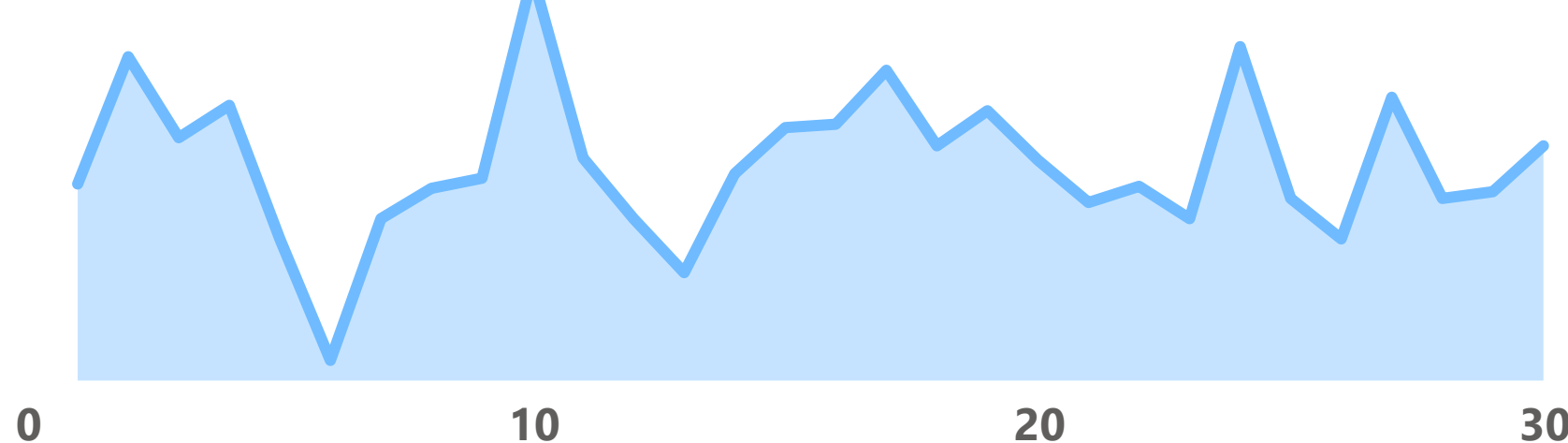
Average Wait Time

34.1 Min



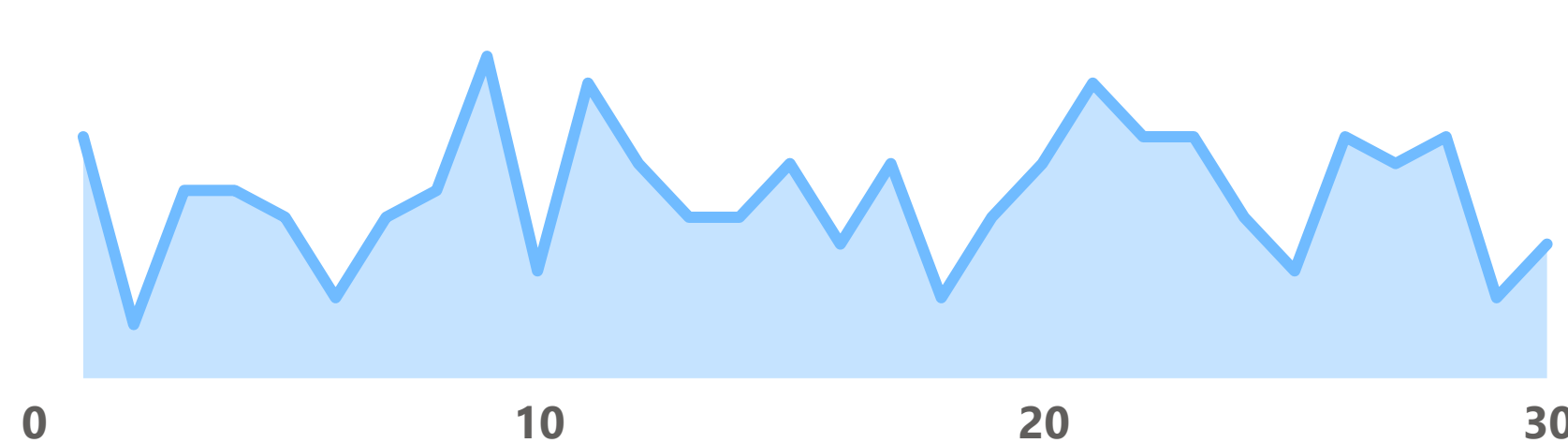
Patient Satisfaction Score

5.31



No. of Patients Referred

205



Patient Admission Status

Admission Status	Patients	% of Total
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Admitted	247	52.44%
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Admitted	247	52.44%
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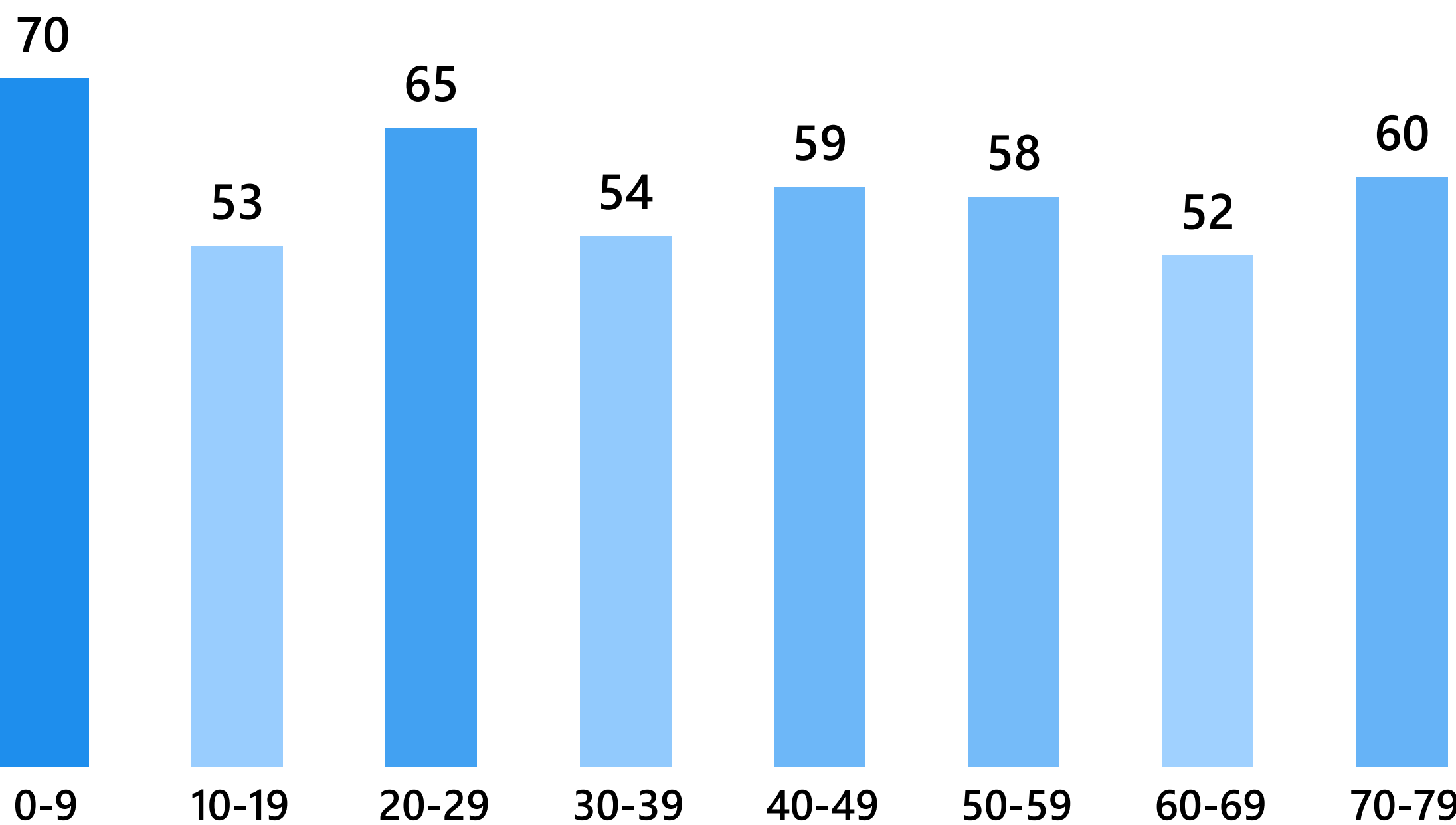
Admitted	247	52.44%
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Not Admitted	224	47.56%
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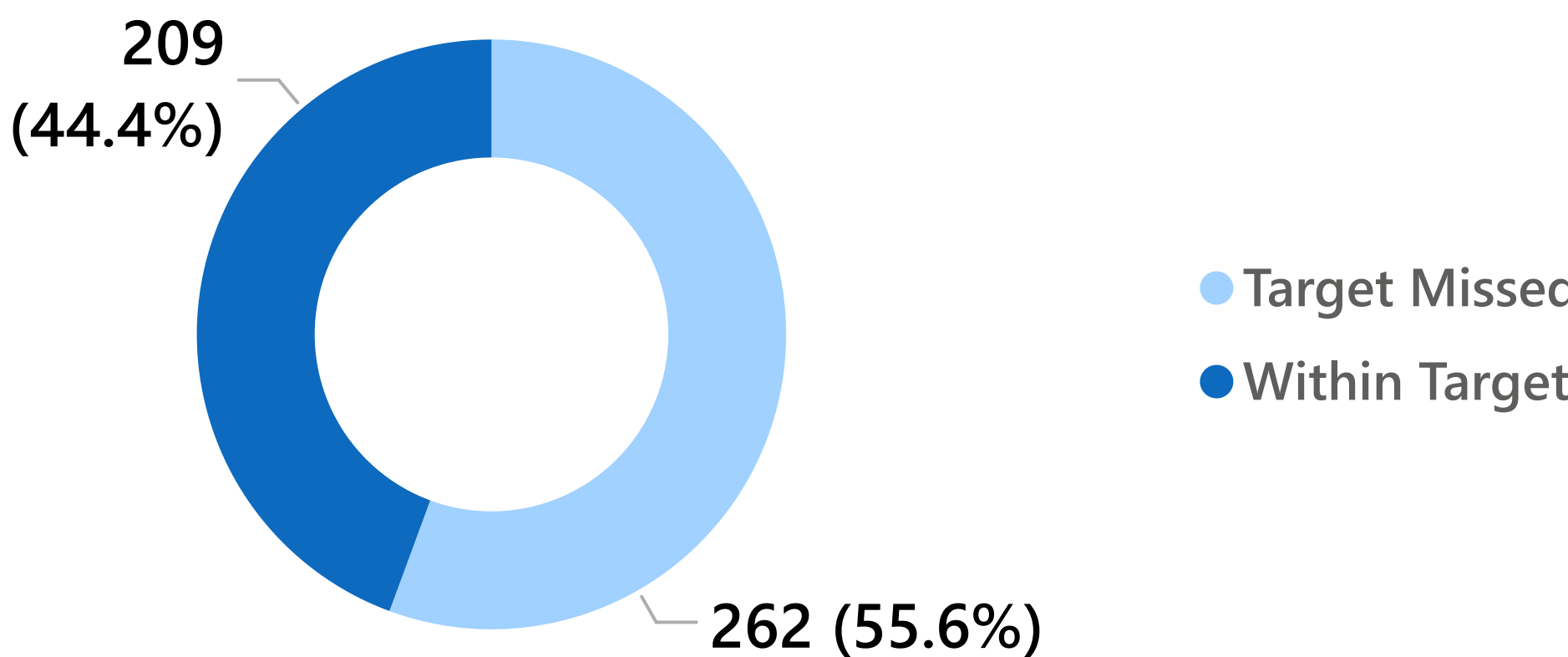
Not Admitted	224	47.56%
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Not Admitted	224	47.56%
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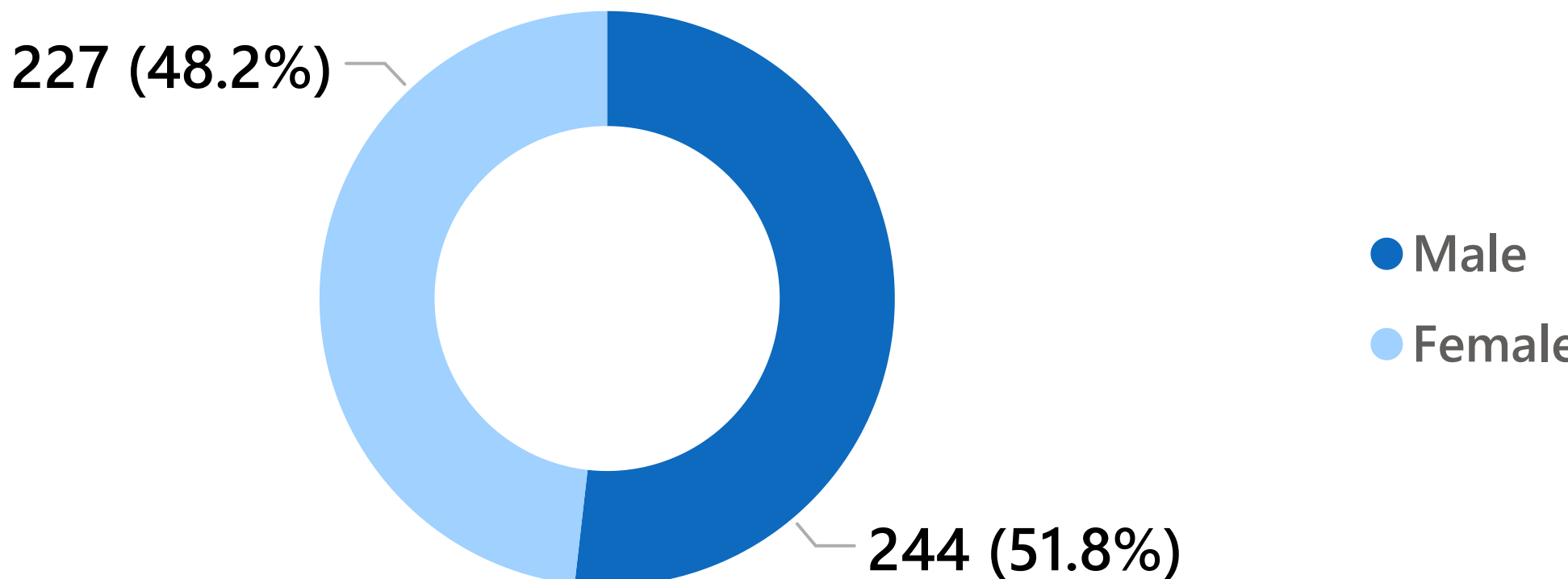
No of Patients by Age Group



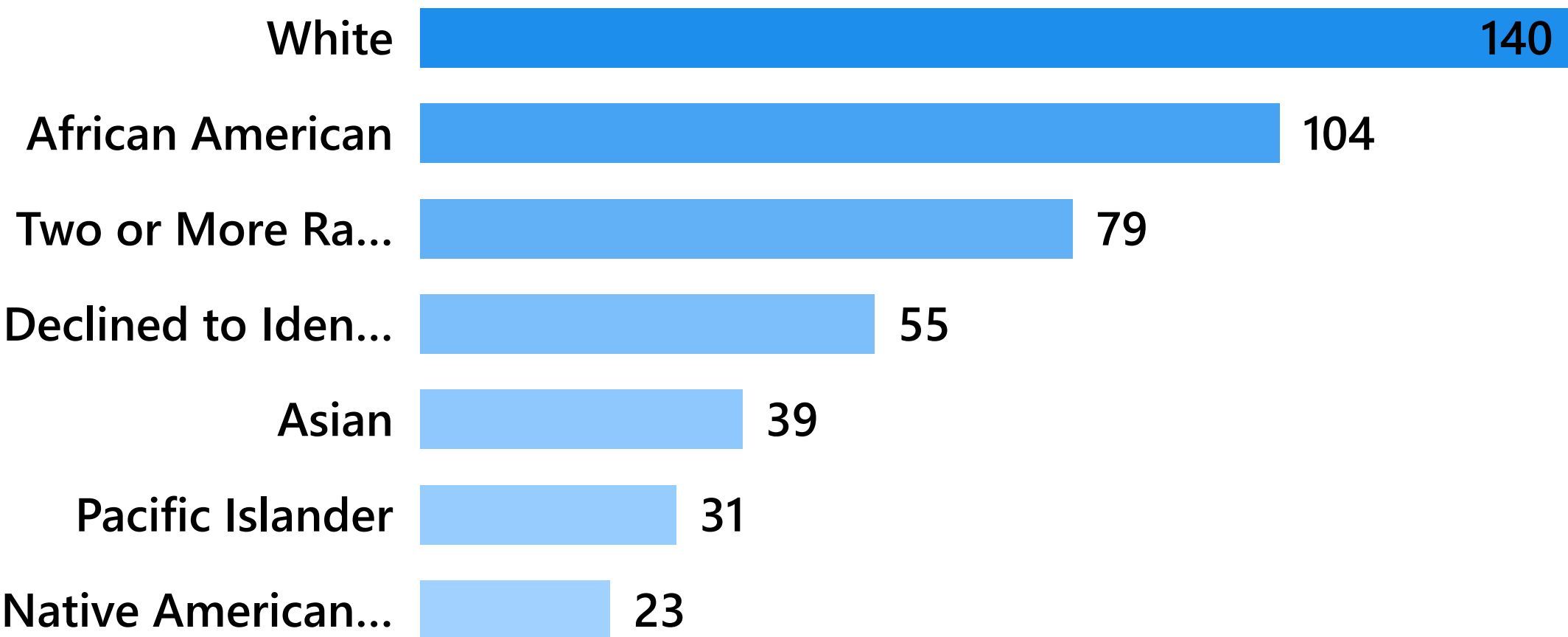
% of Patients Seen Within 30 Min



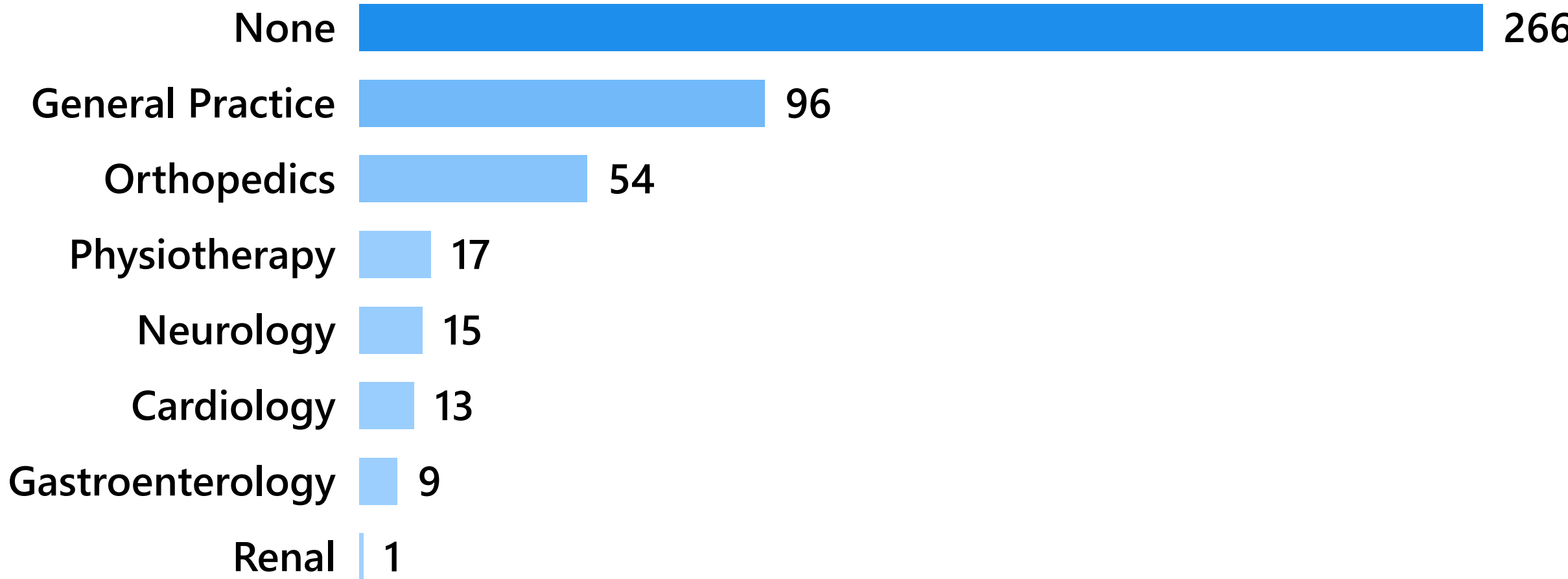
No of Patients by Gender



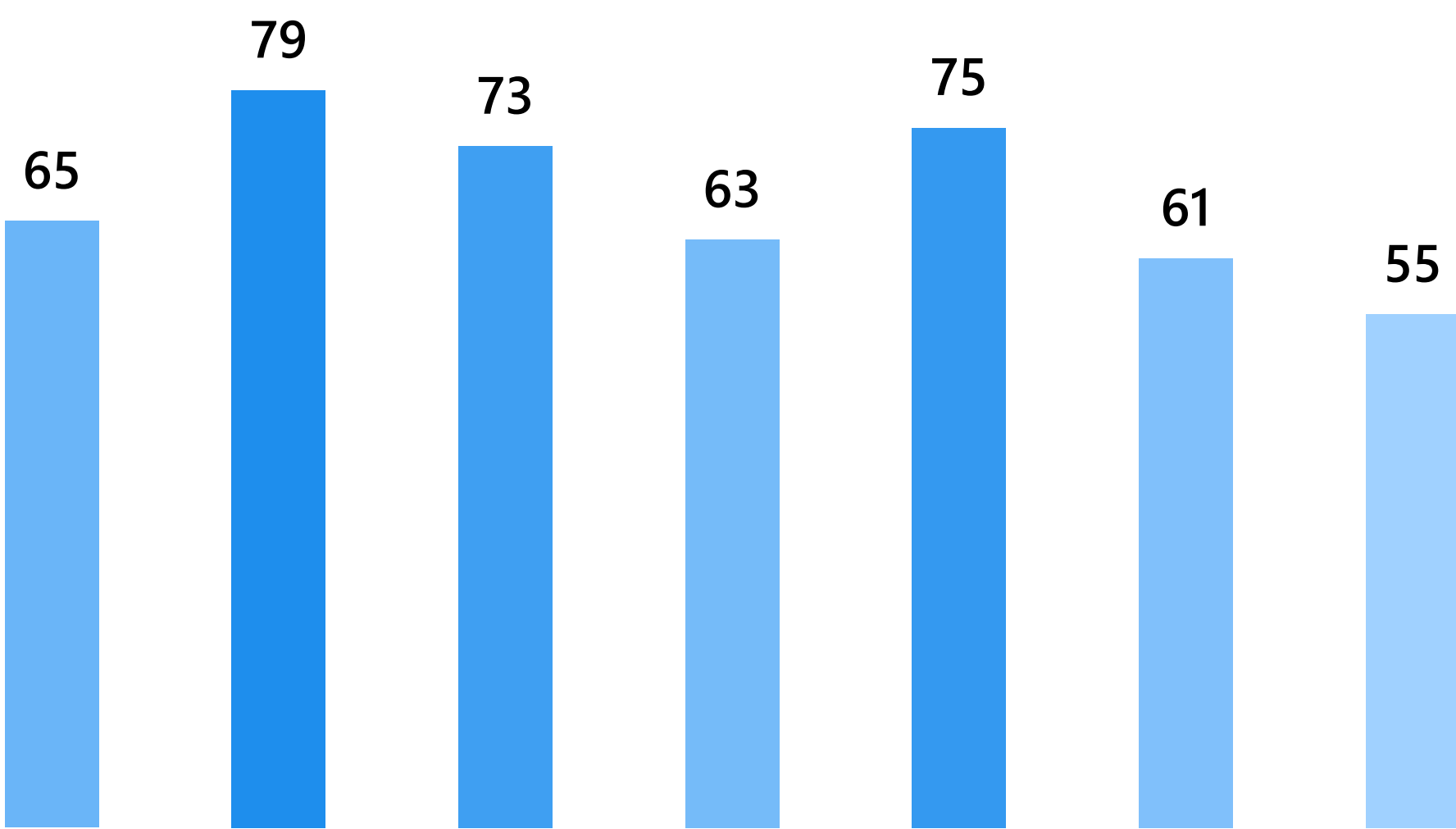
No of Patients by Patient Race



No of Patients by Department Referral



No of Patients by Day and Hour



Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	9	10	14	4	8	6	7
03-04	4	6	4	5	6	5	2
05-06	4	3	5	5	11	2	2
07-08	8	12	5	5	7	5	5
09-10	6	5	4	5	7	3	4
11-12	7	4	6	8	8	4	5
13-14	1	5	6	6	4	7	2
15 -16	4	11	5	4	6	4	7
17-18	8	9	7	3	3	5	8
19-20	7	2	9	5	5	7	4
21-22	7	6	3	8	6	7	3
23-24		6	5	5	4	6	6

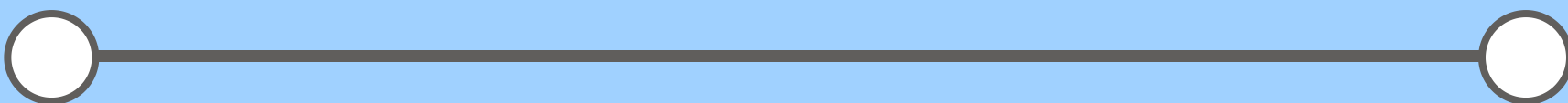


# HOSPITAL EMERGENCY ROOM DASHBOARD

CONSOLIDATED VIEW

1/04/2023

30/10/2024



## Menu

Monthly View

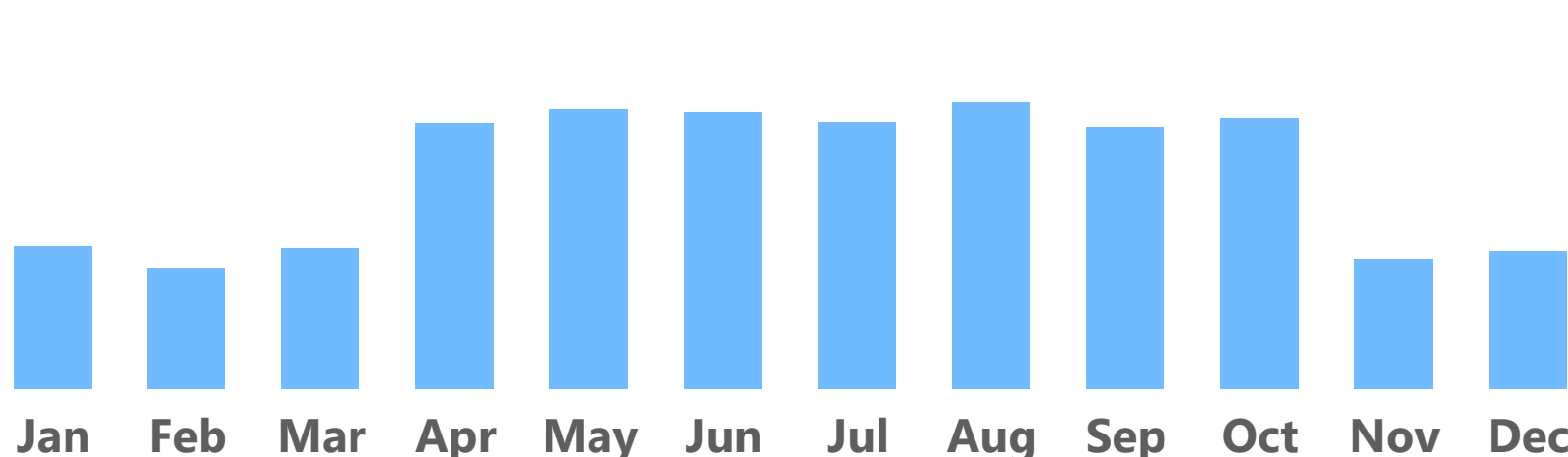
Consolidated View

Patient Details

Key Takeaways

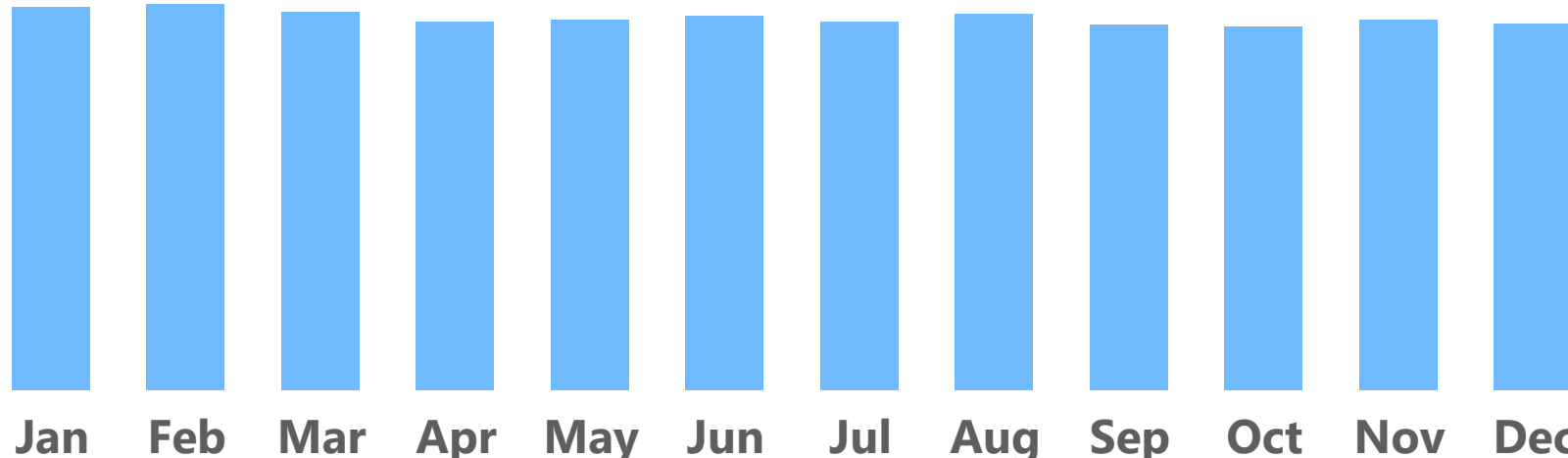
No. of Patients

9216



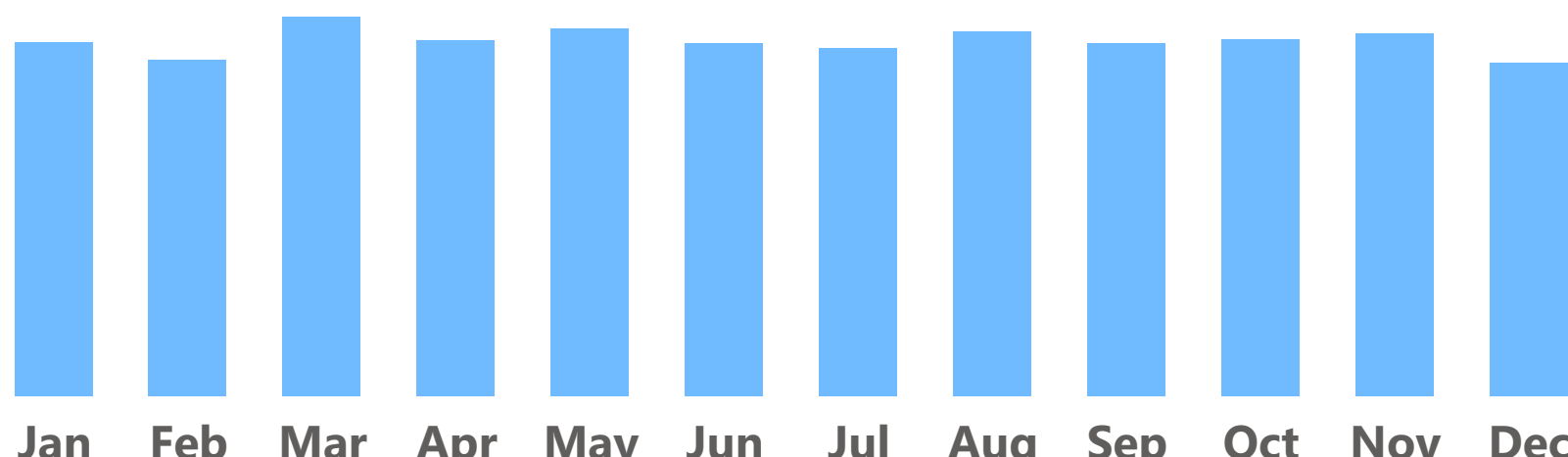
Average Wait Time

35.3 Min



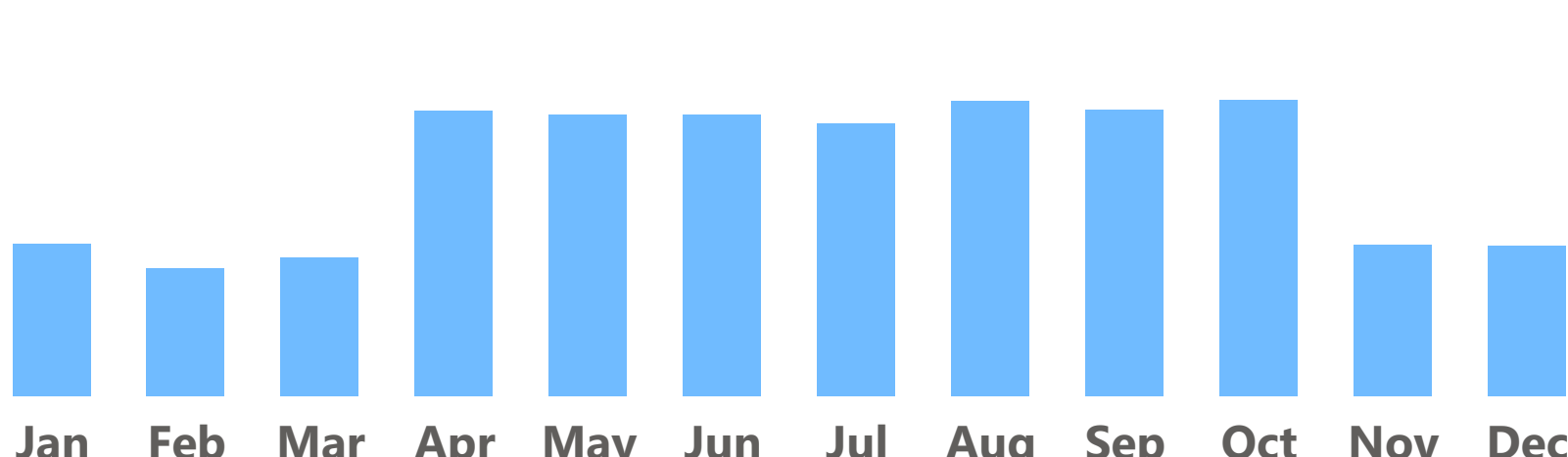
Patient Satisfaction Score

4.99



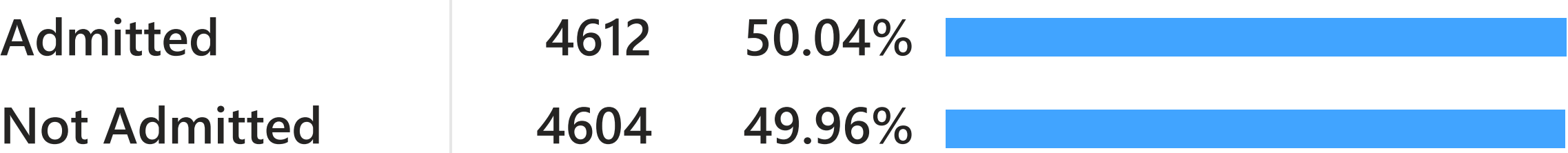
No. of Patients Referred

3816

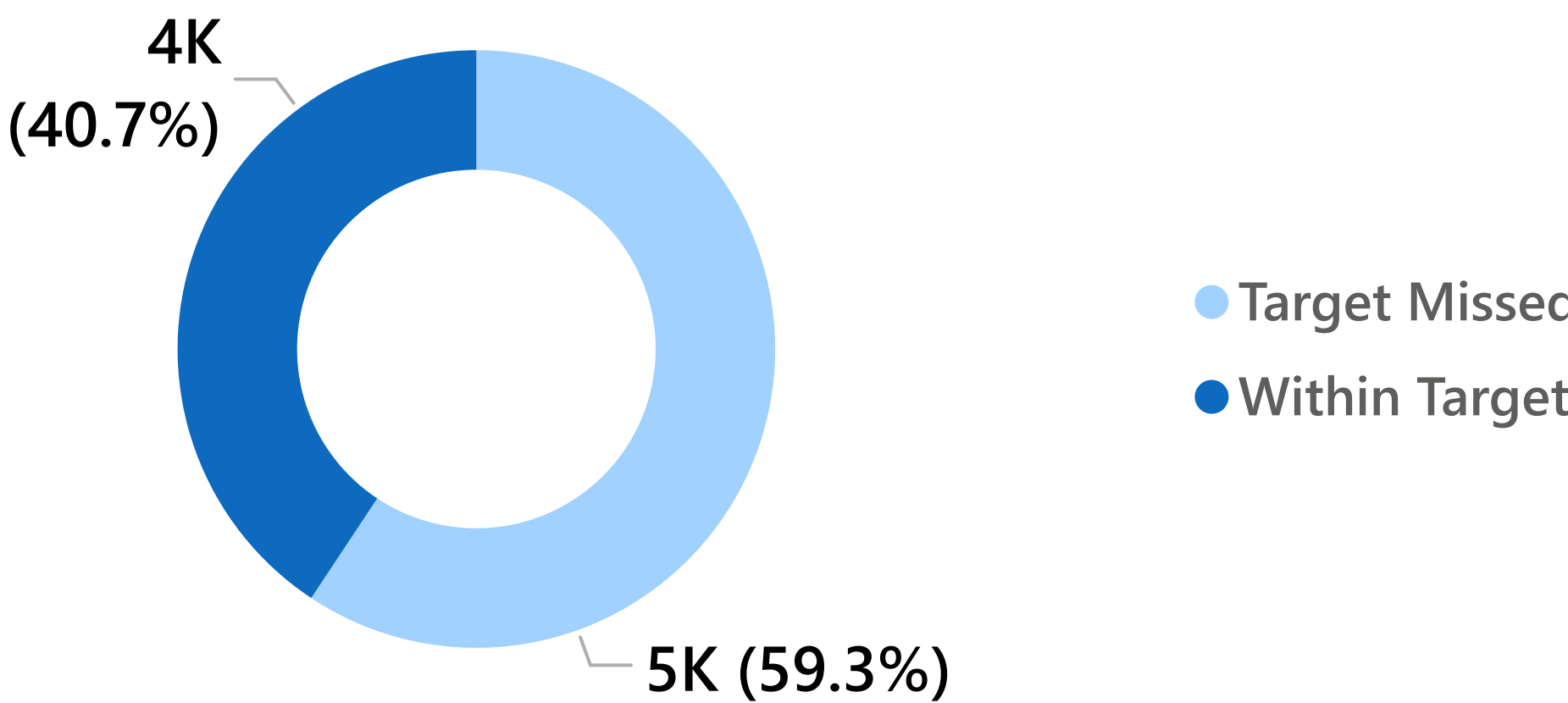


Patient Admission Status

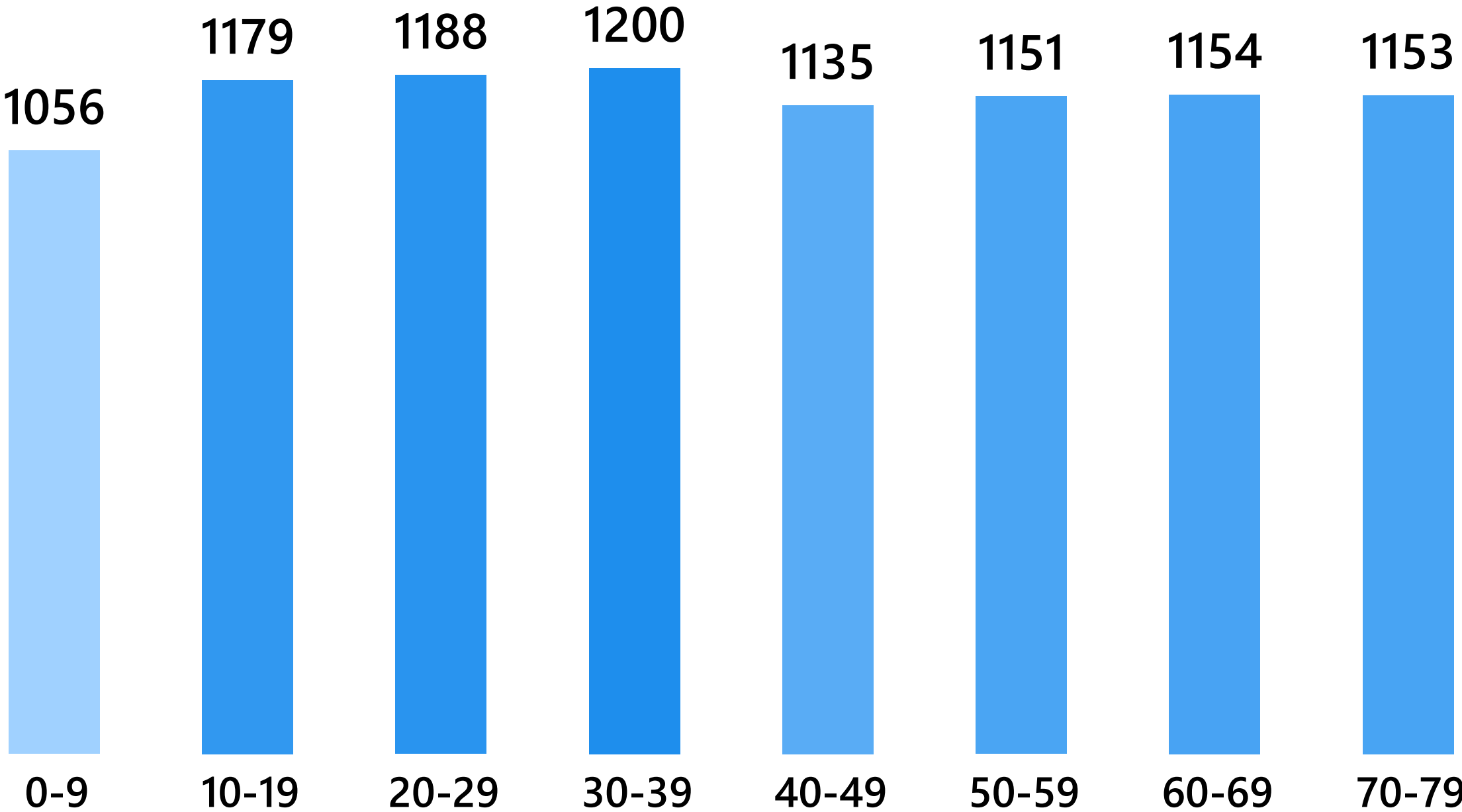
Admission Status	Patients	% of Total
Admitted	4612	50.04%
Not Admitted	4604	49.96%



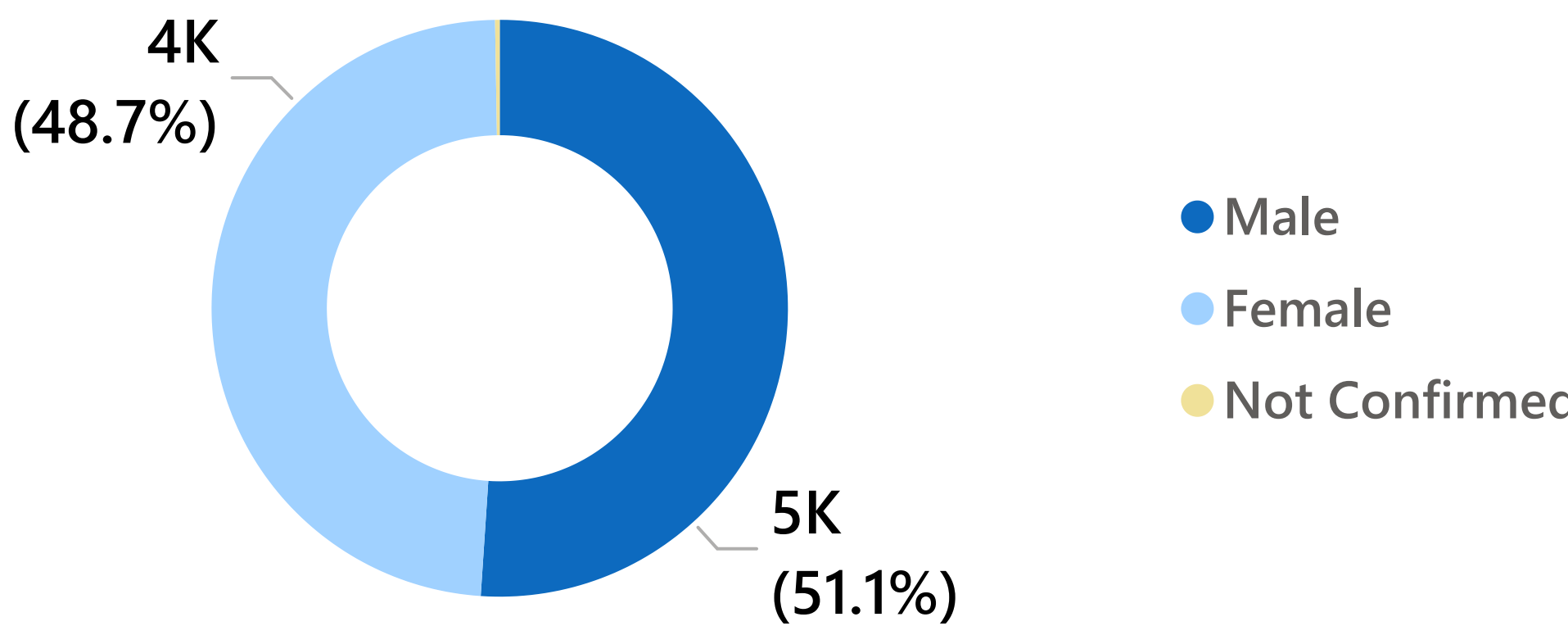
% of Patients Seen Within 30 Min



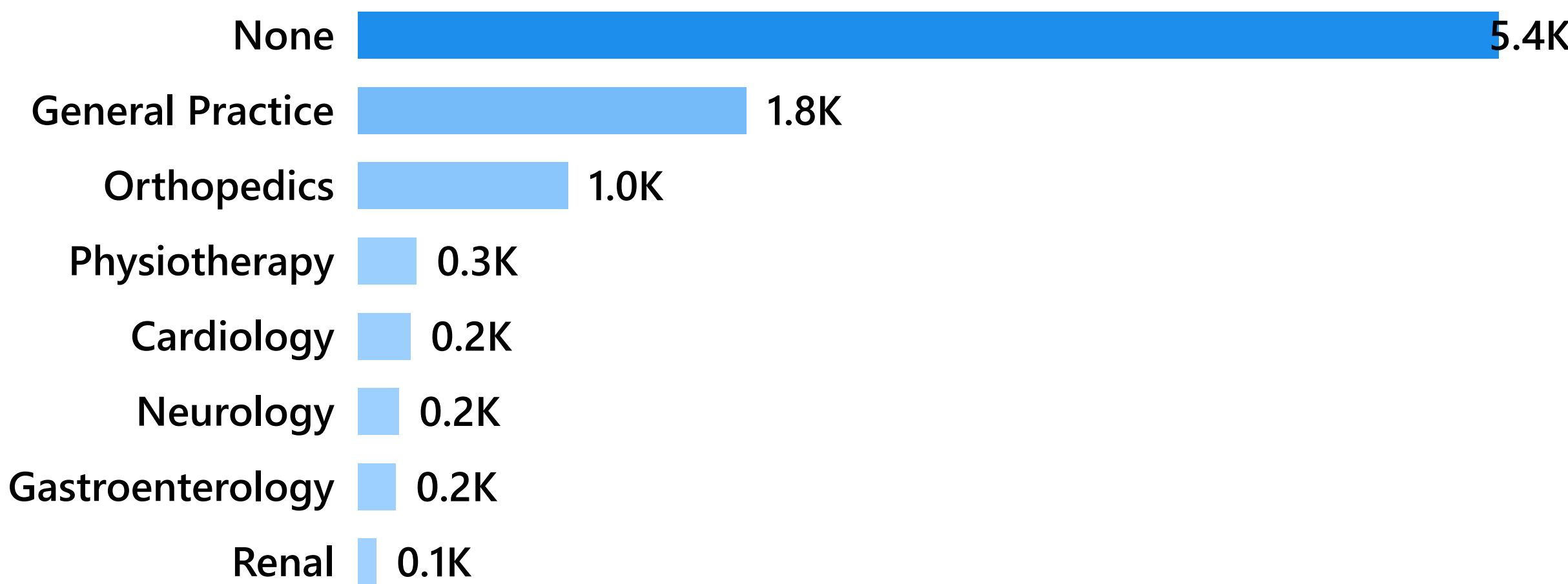
No of Patients by Age Group



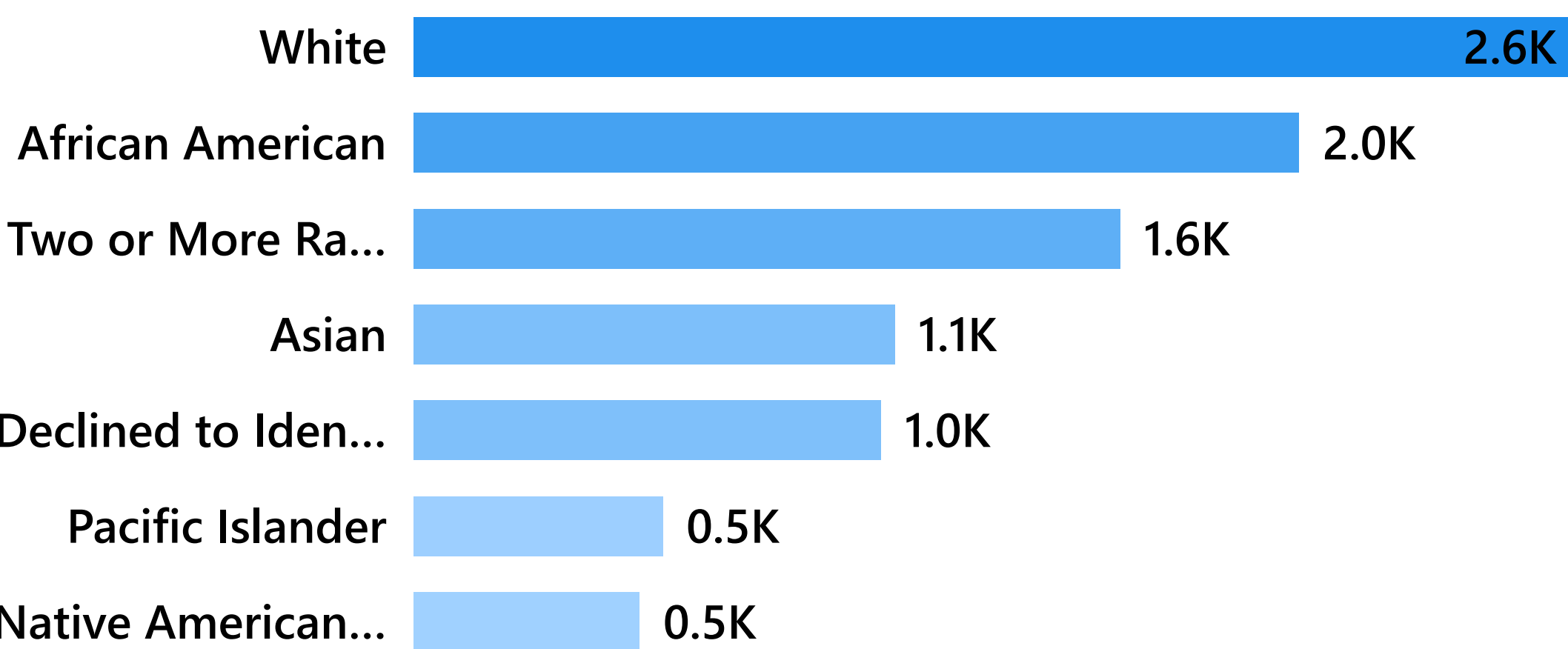
No of Patients by Gender



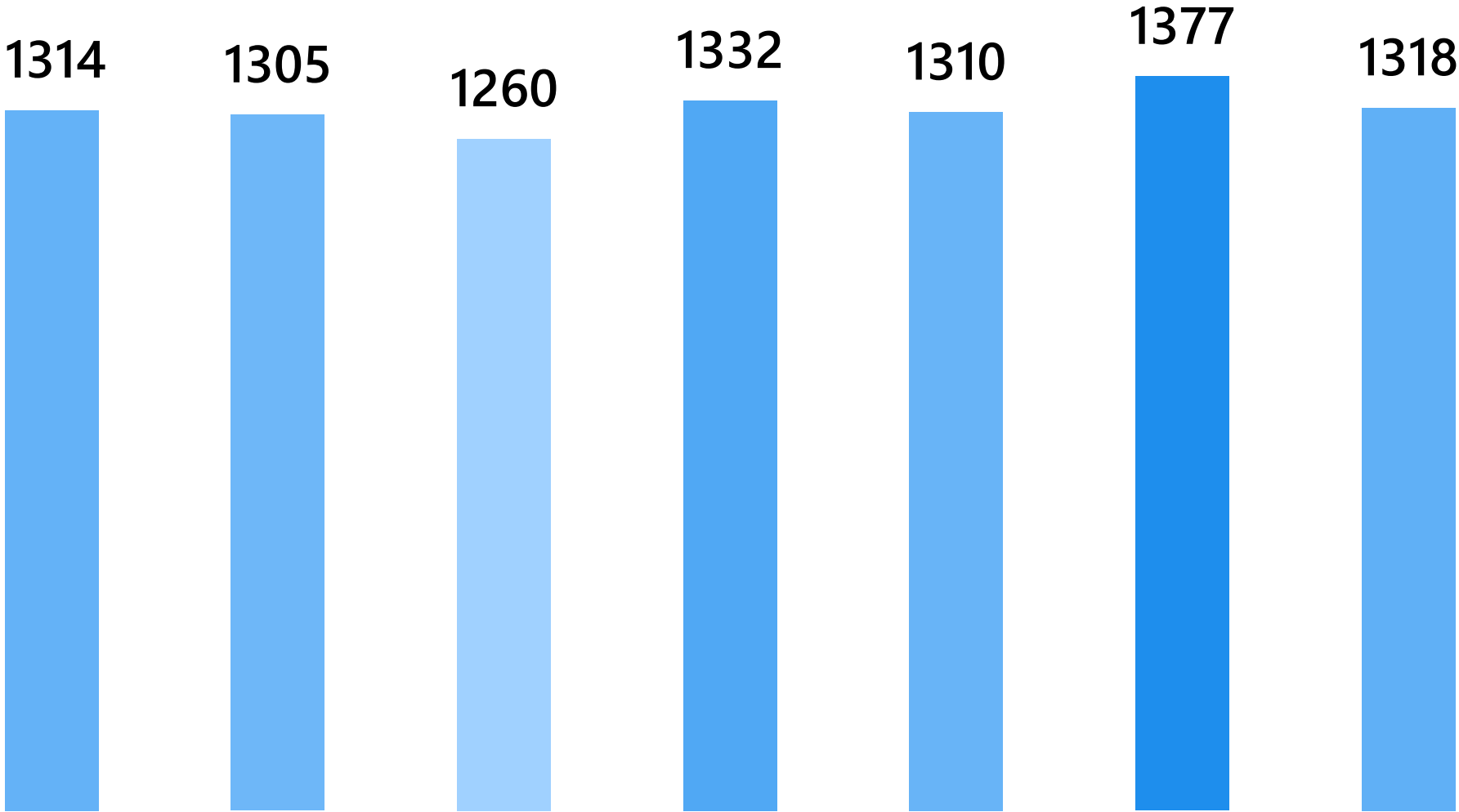
No of Patients by Department Referral



No of Patients by Patient Race



No of Patients by Day and 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





# HOSPITAL EMERGENCY ROOM DASHBOARD

1/04/2023

30/10/2024

## PATIENT DETAILS

### Menu

Monthly View

Consolidated View

Patient Details

Key Takeaways

Patient Id	Patient Name	Gender	Patient Age	Patient Admin Date	Patient Race	Patient Wait Time	Department Referral	Admission Status
100-04-3993	M St Ange	Female	29	Tuesday, 4 April 2023	White	16	None	Not Admitted
100-17-5081	V Flicker	Male	67	Sunday, 14 January 2024	African American	60	None	Not Admitted
100-21-9648	W Marran	Female	39	Wednesday, 17 January 2024	Pacific Islander	22	None	Admitted
100-34-6753	B Paulus	Male	43	Monday, 13 May 2024	Pacific Islander	25	General Practice	Admitted
100-34-9587	U Lamburn	Male	20	Monday, 1 April 2024	Declined to Identify	24	Neurology	Not Admitted
100-40-2709	O Cammack	Male	77	Wednesday, 8 May 2024	White	48	None	Not Admitted
100-66-0896	I Prickett	Male	2	Tuesday, 26 March 2024	African American	23	Orthopedics	Admitted
100-66-8222	F Mullane	Female	65	Saturday, 23 December 2023	Asian	17	General Practice	Not Admitted
100-67-1276	S Hallbird	Male	55	Friday, 3 November 2023	White	11	Orthopedics	Admitted
100-70-0071	R Downham	Male	38	Sunday, 14 January 2024	African American	57	None	Not Admitted
100-72-5705	N Dudny	Female	60	Wednesday, 19 June 2024	African American	45	None	Admitted
100-74-3943	M Hallard	Female	3	Sunday, 17 September 2023	White	14	None	Admitted
100-74-5636	A Warwicker	Female	47	Tuesday, 13 August 2024	Declined to Identify	25	None	Not Admitted
100-79-0109	P Ulyatt	Female	19	Tuesday, 27 February 2024	Pacific Islander	36	Neurology	Admitted
100-81-9769	Y Moncaster	Male	28	Saturday, 9 March 2024	White	59	None	Admitted
100-84-7203	K Ybarra	Female	37	Tuesday, 13 June 2023	White	55	None	Not Admitted
101-08-8798	L Willeson	Female	72	Wednesday, 31 July 2024	Two or More Races	48	None	Admitted
101-13-4808	V Gowdridge	Female	30	Tuesday, 25 April 2023	Declined to Identify	30	None	Admitted
101-35-3930	W Andreotti	Female	30	Wednesday, 24 January 2024	White	25	None	Admitted
101-35-7039	T Ganter	Male	26	Thursday, 8 February 2024	White	56	General Practice	Admitted
101-38-5868	J Saddington	Male	14	Tuesday, 8 October 2024	White	20	None	Admitted
101-50-7359	D Sabey	Female	50	Friday, 13 October 2023	White	56	None	Admitted
101-56-3319	M Kilduff	Female	44	Sunday, 8 October 2023	Asian	55	None	Admitted
101-60-5189	G Georger	Female	45	Sunday, 4 August 2024	White	43	None	Not Admitted
101-63-3628	P Quest	Male	38	Saturday, 29 July 2023	Two or More Races	53	None	Not Admitted
101-66-4553	R Odd	Female	14	Saturday, 30 March 2024	Two or More Races	57	General Practice	Admitted
101-85-4810	R McBoyle	Female	74	Monday, 7 August 2023	White	55	None	Admitted
102-05-9716	J Addicott	Male	71	Friday, 20 October 2023	Two or More Races	30	General Practice	Not Admitted





# HOSPITAL EMERGENCY ROOM DASHBOARD

## PATIENT DETAILS

1/04/2023

30/10/2024



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Monthly View

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Patient Details

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 days were **Saturdays(1377 Patients)**, Thursday (1332 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. Mondays and late night to early mornings tend to be 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.