

Hospital



ER Statistics



Monthly View



Custom View



Patient Details



Key Takeaways

Monthly View

Select Year



2024



Select Month



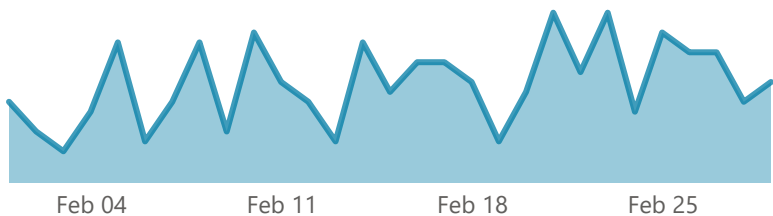
Feb



No. of Patients



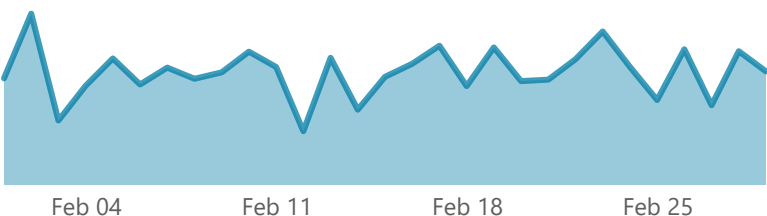
431



Avg. Wait Time



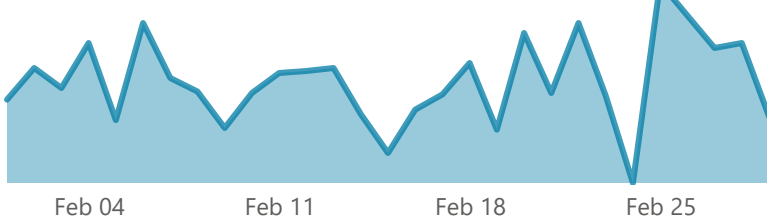
36.7 Min



Patient Satisfaction Score



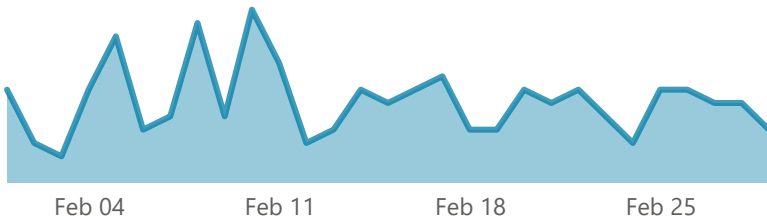
4.72



No. of Patients Referred



179



Patient Admission Status

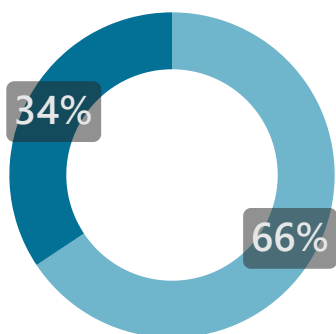
Admission Status Patients % of Total

Admitted 224 51.97%

Not Admitted 207 48.03%

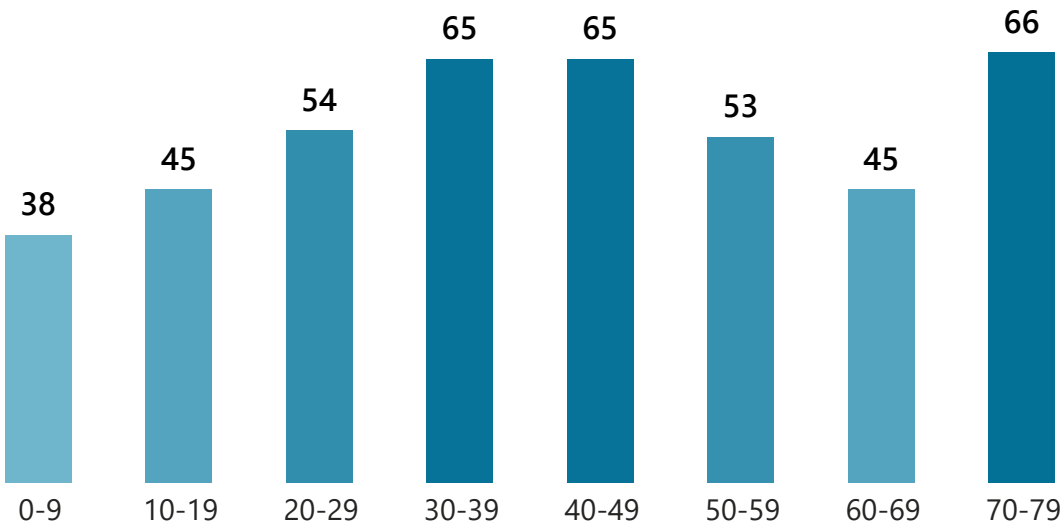


% of Patients Seen Within 30 Mins

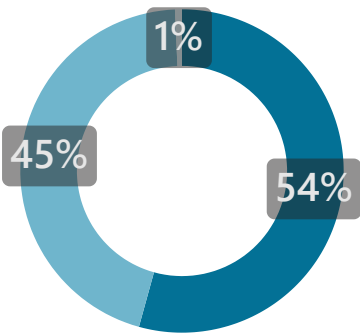


Target Missed
Within Target

No. of Patients by Age Group

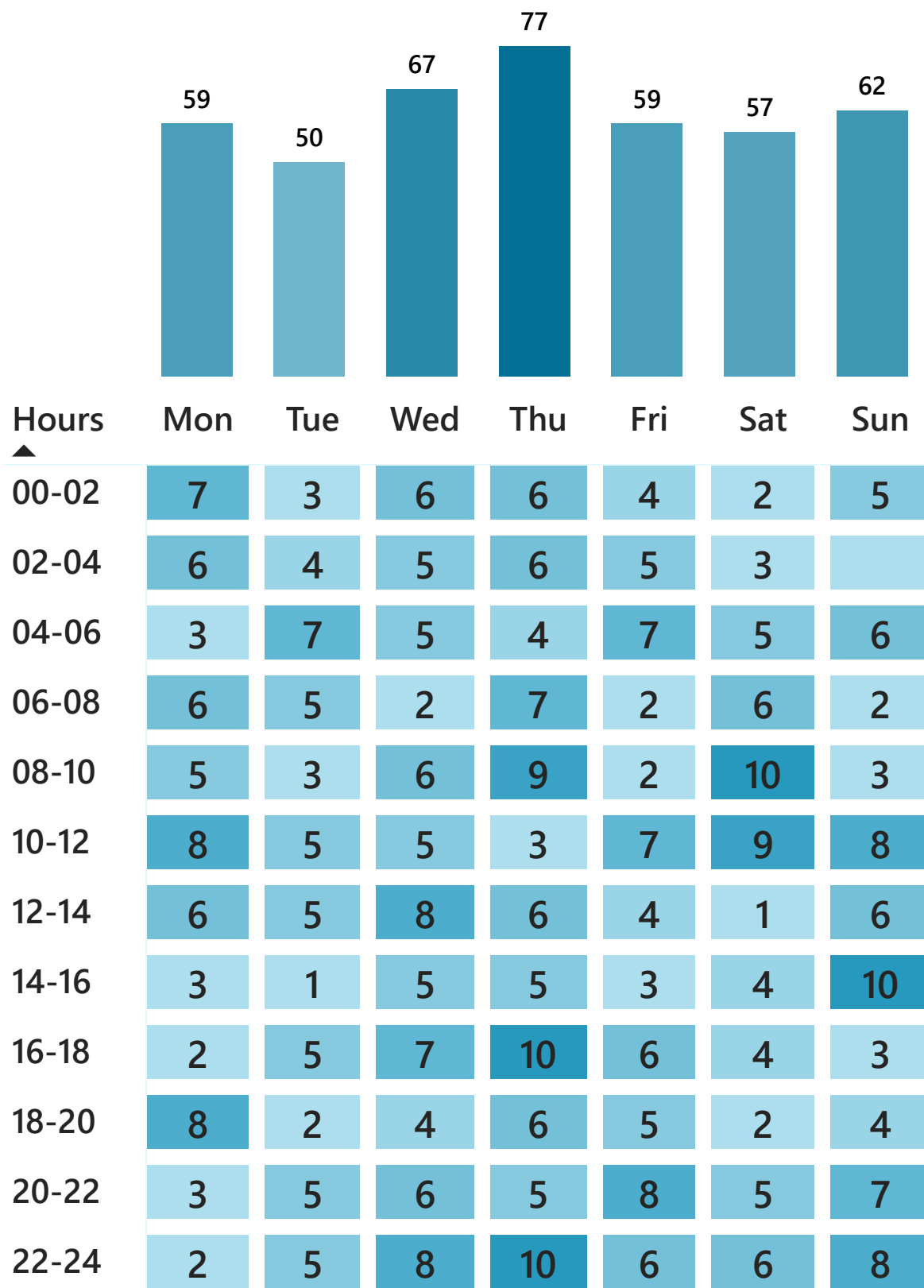


No. of Patients by Gender

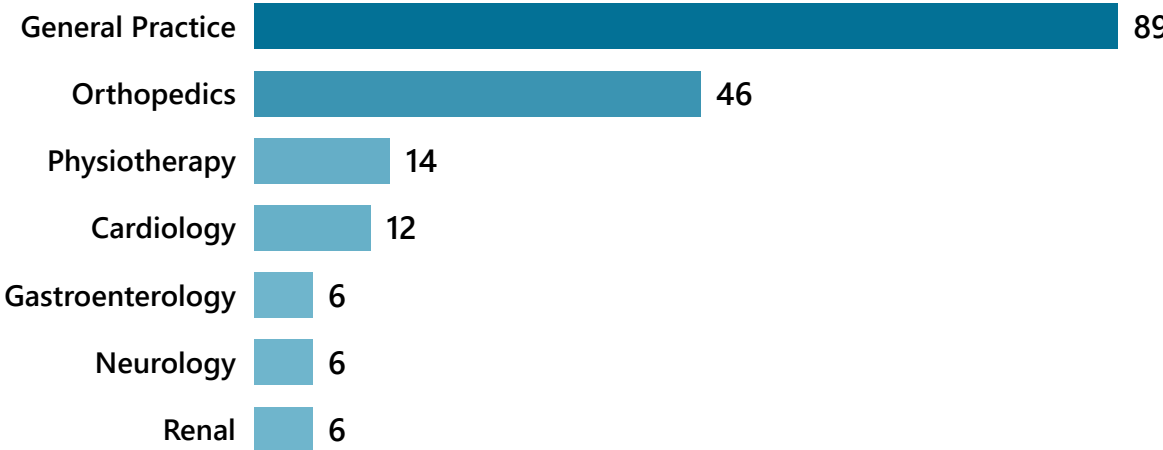


Male
Female
Non-Confirmed

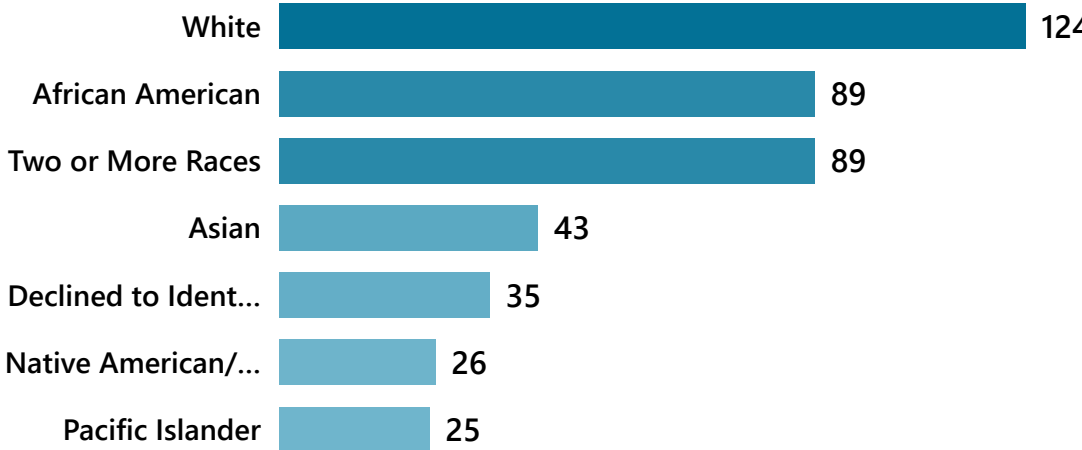
No. of Patients by Day and Hour



No. of Patients by Department Referral



No. of Patients by Patient Race



Hospital



ER Statistics



Monthly View



Custom View



Patient Details



Key Takeaways

Custom View

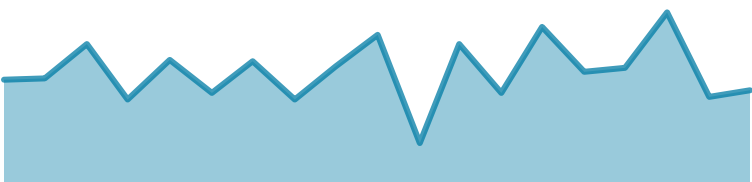
01/04/2023

30/10/2024

No. of Patients



9216



Jul 2023

Jan 2024

Jul 2024

Avg. Wait Time



35.3 Min



Jul 2023

Jan 2024

Jul 2024

Patient Satisfaction Score



4.99



Jul 2023

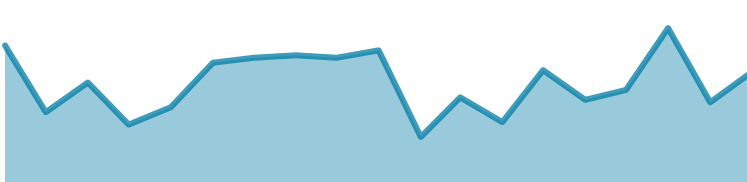
Jan 2024

Jul 2024

No. of Patients Referred



3816



Jul 2023

Jan 2024

Jul 2024

Patient Admission Status

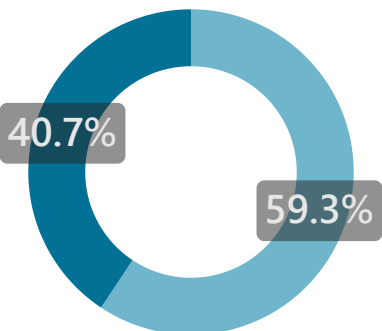
Admission Status Patients % of Total

Admitted 4612 50.04%

Not Admitted 4604 49.96%



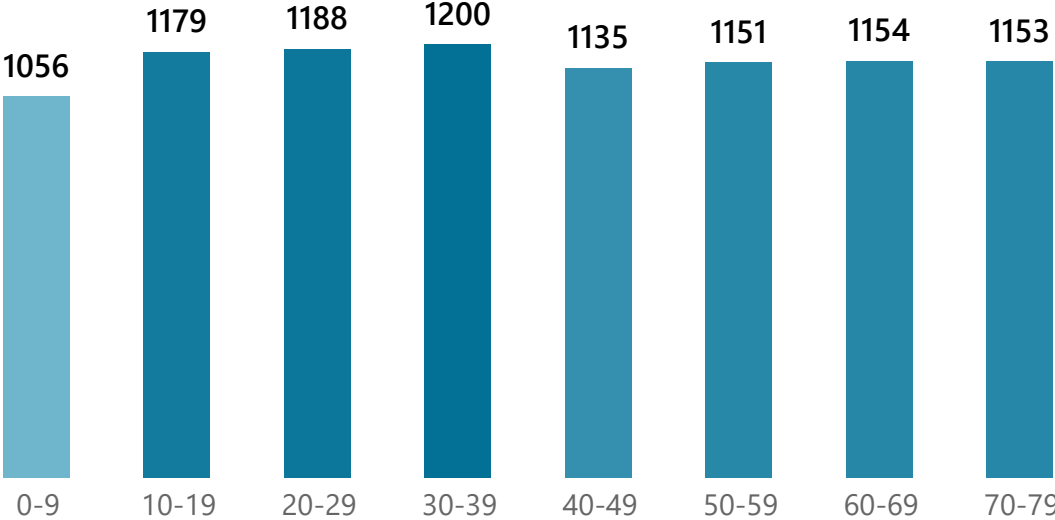
% of Patients Seen Within 30 Mins



Target Missed

Within Target

No. of Patients by Age Group



0-9

10-19

20-29

30-39

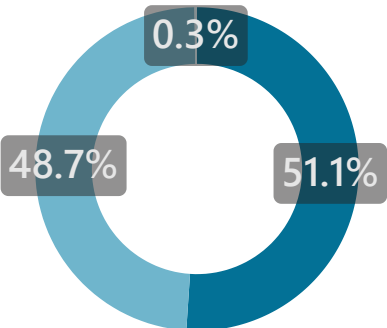
40-49

50-59

60-69

70-79

No. of Patients by Gender

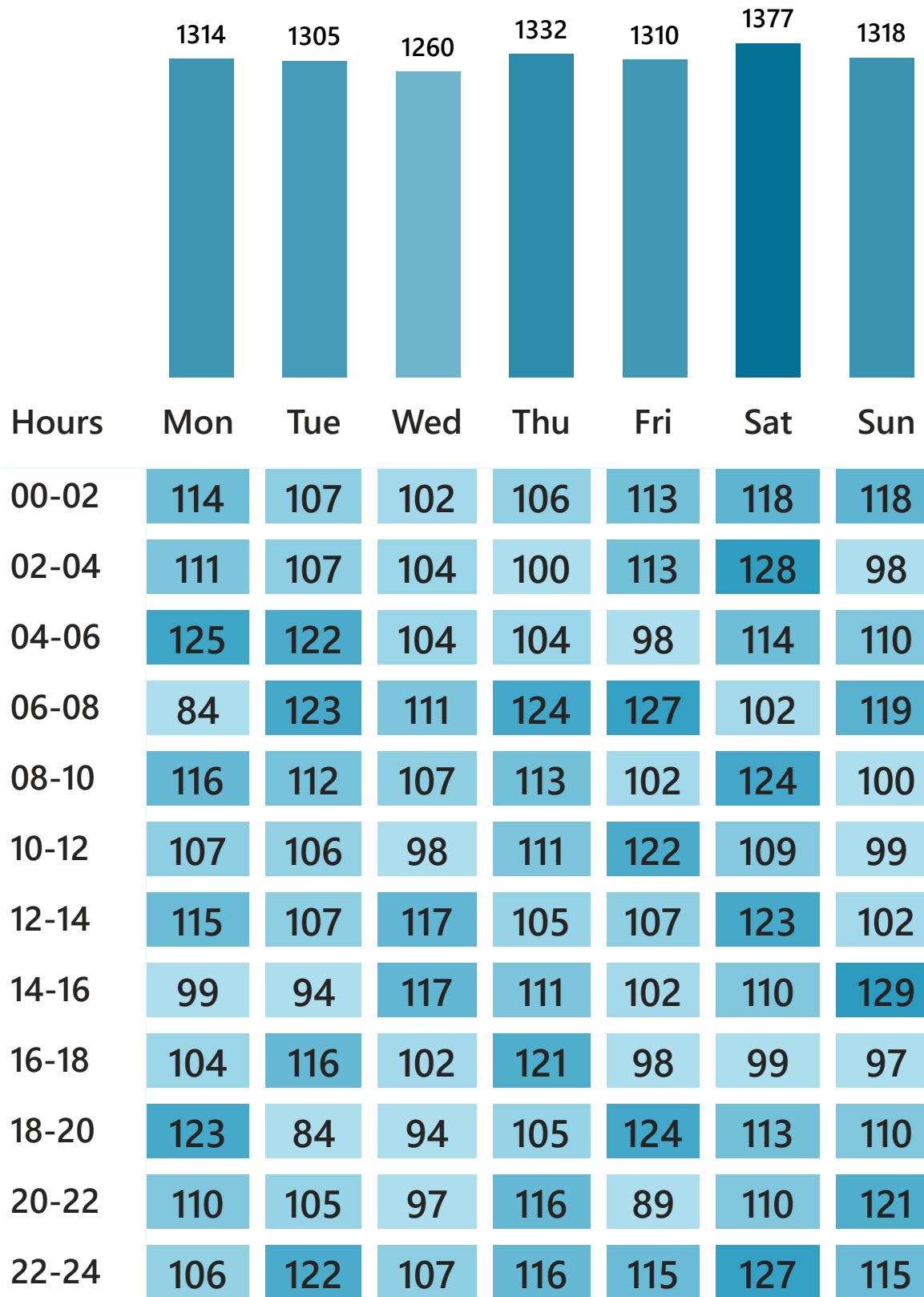


Male

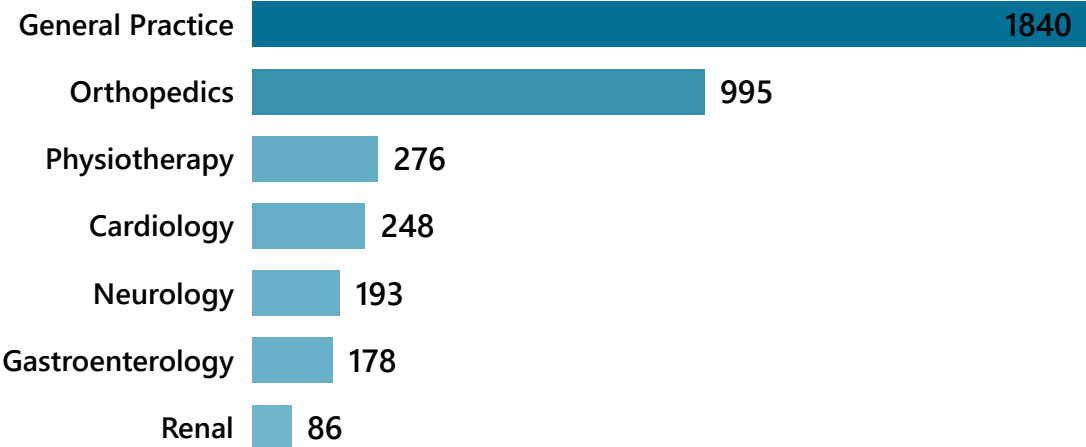
Female

Non-Confirmed

No. of Patients by Day and Hour



No. of Patients by Department Referral



General Practice

1840

Orthopedics

995

Physiotherapy

276

Cardiology

248

Neurology

193

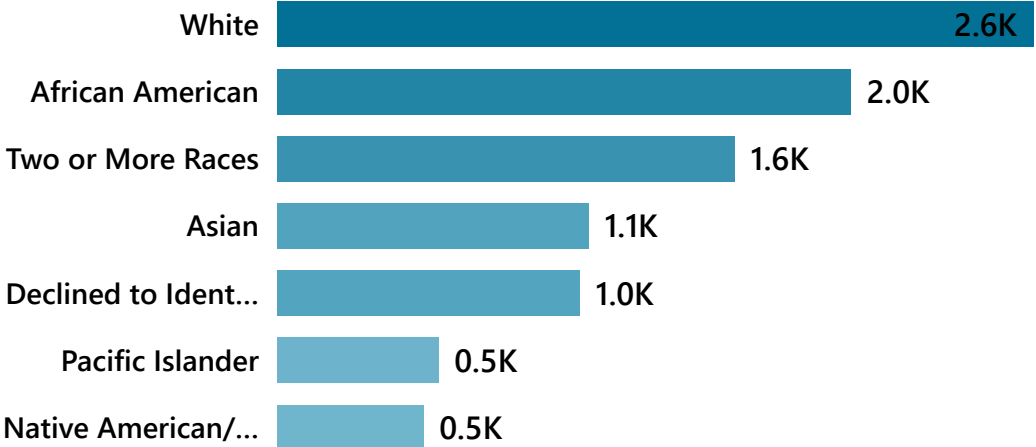
Gastroenterology

178

Renal

86

No. of Patients by Patient Race



White

2.6K

African American

2.0K

Two or More Races

1.6K

Asian

1.1K

Declined to Ident...

1.0K

Pacific Islander

0.5K

Native American/...

0.5K

Hospital



ER Statistics



Monthly View



Custom View



Patient Details



Key Takeaways

Patient Details

01/04/2023



30/10/2024



Patient Id	Patient Name	Gender	Age	Admission Date	Race	Wait time	Department Referral	Admission Status
100-04-3993	M St Ange	Female	29	04 April, 2023	White	16	None	Not Admitted
100-17-5081	V Flicker	Male	67	14 January, 2024	African American	60	None	Not Admitted
100-21-9648	W Marran	Female	39	17 January, 2024	Pacific Islander	22	None	Admitted
100-34-6753	B Paulus	Male	43	13 May, 2024	Pacific Islander	25	General Practice	Admitted
100-34-9587	U Lamburn	Male	20	01 April, 2024	Declined to Identify	24	Neurology	Not Admitted
100-40-2709	O Cammack	Male	77	08 May, 2024	White	48	None	Not Admitted
100-66-0896	I Prickett	Male	2	26 March, 2024	African American	23	Orthopedics	Admitted
100-66-8222	F Mullane	Female	65	23 December, 2023	Asian	17	General Practice	Not Admitted
100-67-1276	S Hallbird	Male	55	03 November, 2023	White	11	Orthopedics	Admitted
100-70-0071	R Downham	Male	38	14 January, 2024	African American	57	None	Not Admitted
100-72-5705	N Dudny	Female	60	19 June, 2024	African American	45	None	Admitted
100-74-3943	M Hallard	Female	3	17 September, 2023	White	14	None	Admitted
100-74-5636	A Warwicker	Female	47	13 August, 2024	Declined to Identify	25	None	Not Admitted
100-79-0109	P Ulyatt	Female	19	27 February, 2024	Pacific Islander	36	Neurology	Admitted
100-81-9769	Y Moncaster	Male	28	09 March, 2024	White	59	None	Admitted
100-84-7203	K Ybarra	Female	37	13 June, 2023	White	55	None	Not Admitted
101-08-8798	L Willeson	Female	72	31 July, 2024	Two or More Races	48	None	Admitted
101-13-4808	V Gowdridge	Female	30	25 April, 2023	Declined to Identify	30	None	Admitted
101-35-3930	W Andreotti	Female	30	24 January, 2024	White	25	None	Admitted
101-35-7039	T Ganter	Male	26	08 February, 2024	White	56	General Practice	Admitted
101-38-5868	J Saddington	Male	14	08 October, 2024	White	20	None	Admitted
101-50-7359	D Sabey	Female	50	13 October, 2023	White	56	None	Admitted
101-56-3319	M Kilduff	Female	44	08 October, 2023	Asian	55	None	Admitted
101-60-5189	G Georger	Female	45	04 August, 2024	White	43	None	Not Admitted
101-63-3628	P Quest	Male	38	29 July, 2023	Two or More Races	53	None	Not Admitted

Hospital

 ER Statistics

 Monthly View

 Custom View

 Patient Details

 Key Takeaways

Key Takeaways

Descriptive Analysis

(April 2023 - October 2024)

The emergency room dataset records a total of 9216 unique patients over the period of 19 months and following are the key insights per project requirements.

Patient Wait Time & Satisfaction:

The average wait time is approximately **35.3 minutes**, which indicates a need for improvement to enhance patient flow. The average **satisfaction score** is **4.99 out of 10**, suggesting lower satisfaction and highlighting areas for improving patient experiences.

Department Referrals:

Around 60% of patients (5400) did not require referrals, which is a significant amount compared to the total number of patients. 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)** and Thursdays (1332 patients) with other days in 1310 range on average. The busiest hours remained in the late evening hours and slight spikes varying throughout the days, indicating the need for increased staffing during these periods.

Patient Demographics:

Age Groups: Adults (**30–39 years**) with **1200 patients**, young adults (**20–29 years**) with **1188 patients** and teenagers (**10–19 years**) with **1179 patients** formed the biggest groups, followed by other older age groups.

Race Distribution:

The largest racial group was **White (2571)**, followed by **African-American (1954)**, **multiracial (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**, **lower satisfaction levels** and **common referrals to General Practice and Orthopedics**. **Saturdays** and **late-night to midnight** 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.