



# HOSPITAL EMERGENCY ROOM DASHBOARD

MONTHLY VIEW

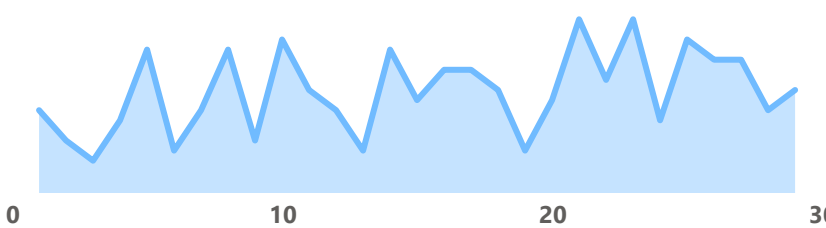
Feb 2024

Month & Year

Feb 2024

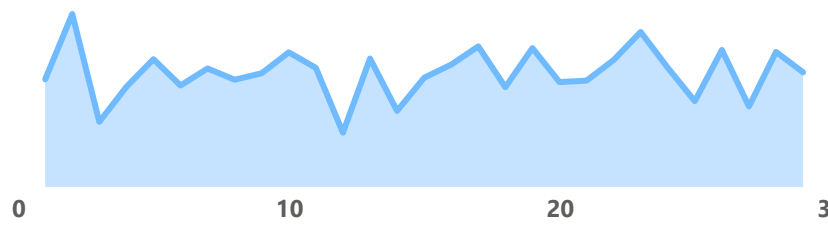
No. of Patients

431



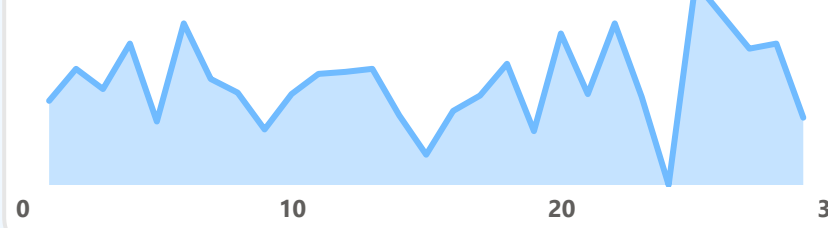
Avg Wait Time

36.7 Min



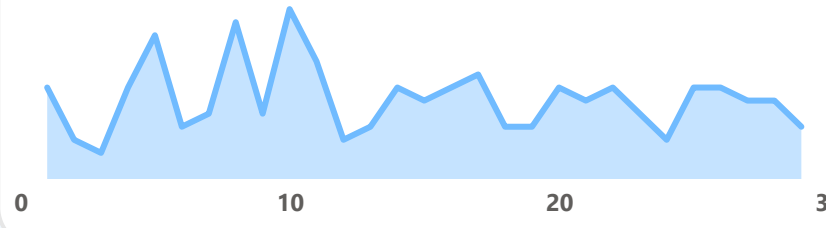
Patient Satisfaction Score

4.72



No. of Patients Referred

179



Monthly View

Consoliated View

Patient Details

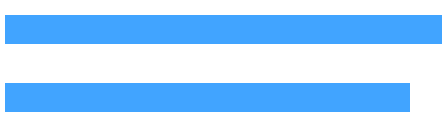
Takeaways

Patient Admission Status

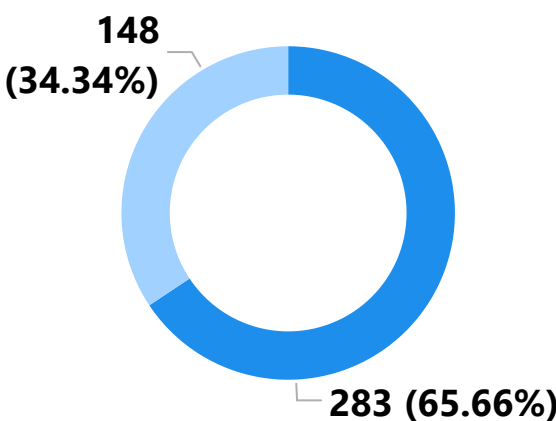
Admission status Patients % of Total

Admitted 224 51.97%

Not Admitted 207 48.03%

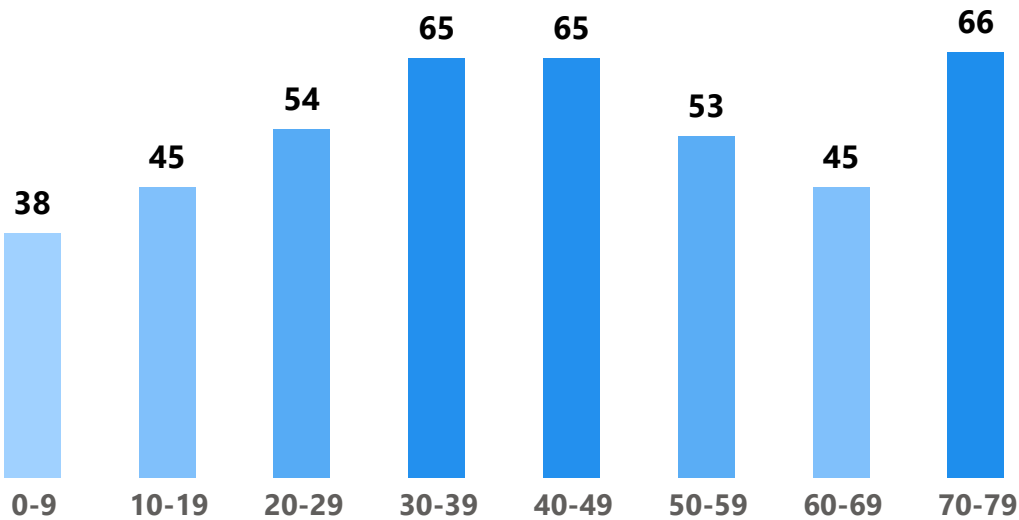


% of Patients seen with 30 min

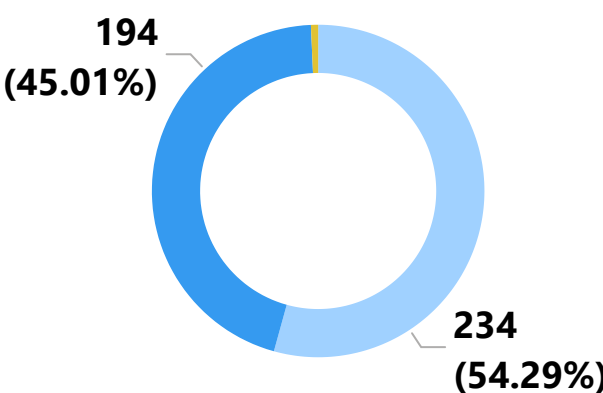


Waittime  
● Target Missed  
● within Target

No of patients by Age group

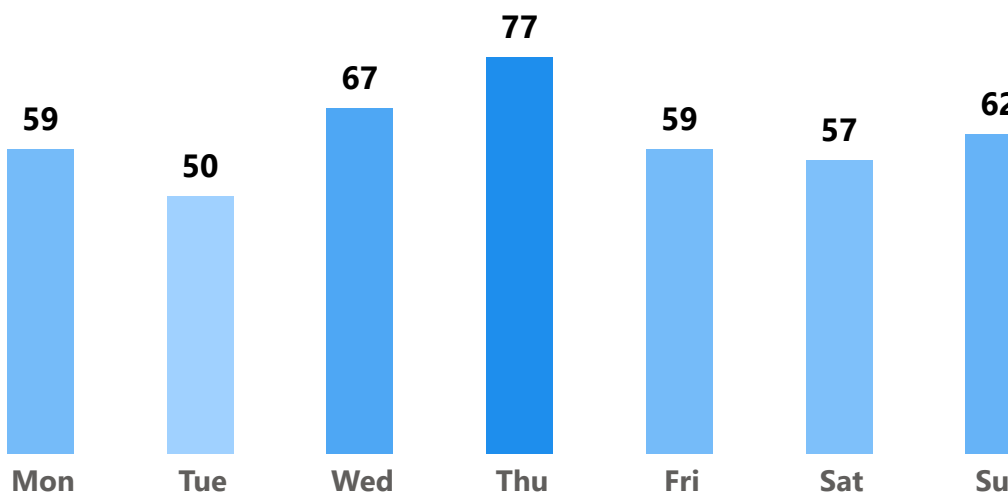


No. of Patients by Gender



Patient Gender  
● Male  
● Female  
● Not Confirmed

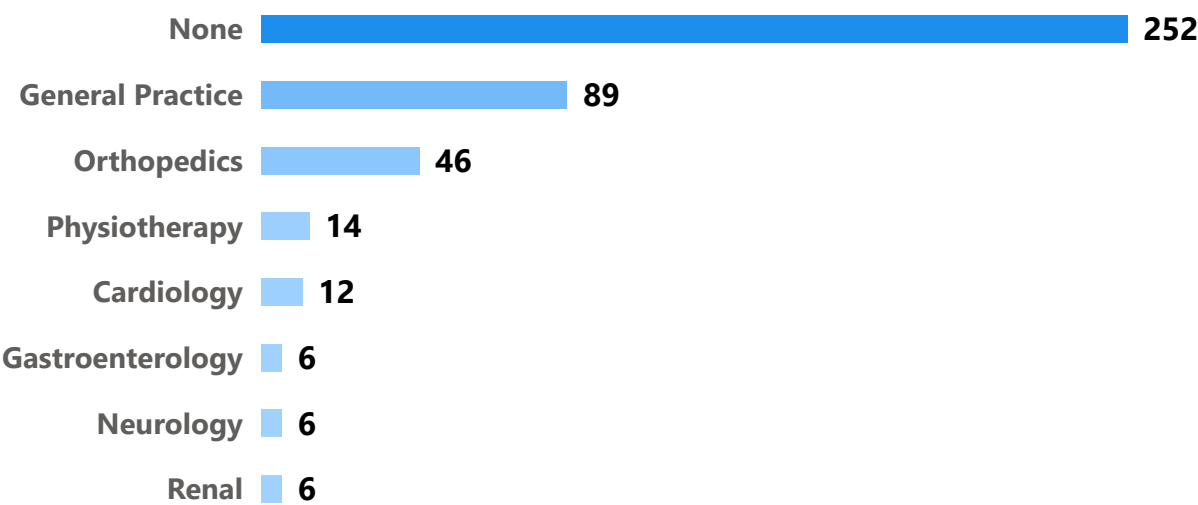
No of patients by Day and hour



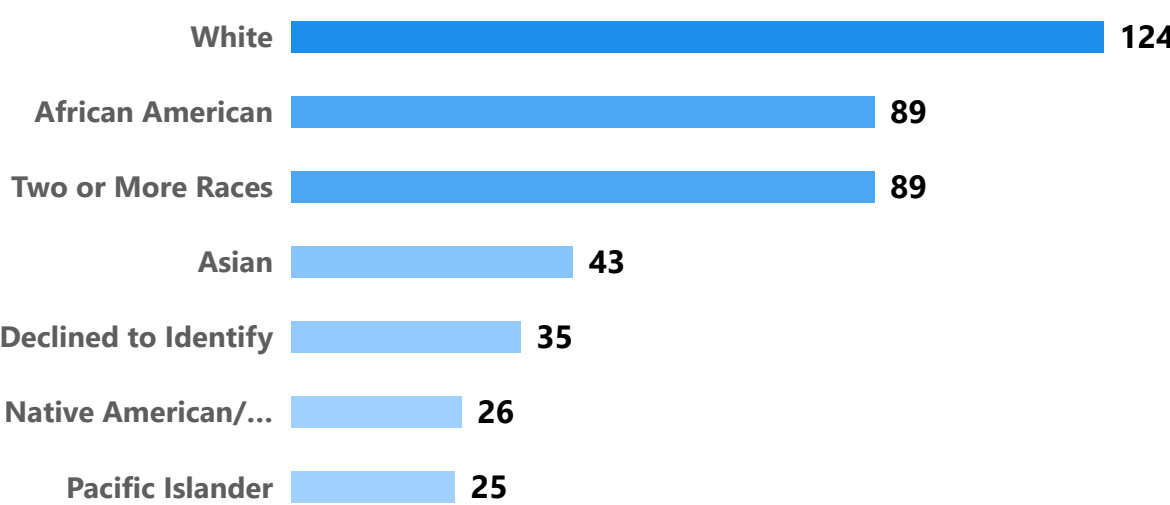
Hours Mon Tue Wed Thu Fri Sat Sun

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

No of patients by Department Referral



No of patients by Patient Race





# HOSPITAL EMERGENCY ROOM DASHBOARD

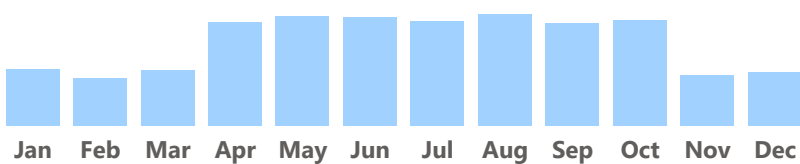
CONSOLIDATED VIEW

01-04-2023

30-10-2024

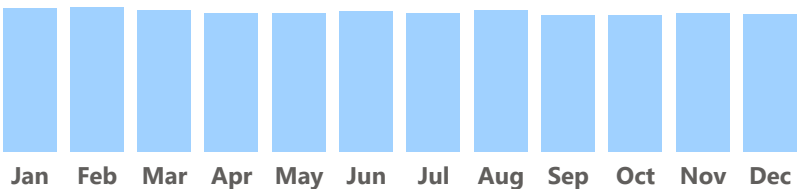
No. of Patients

9216



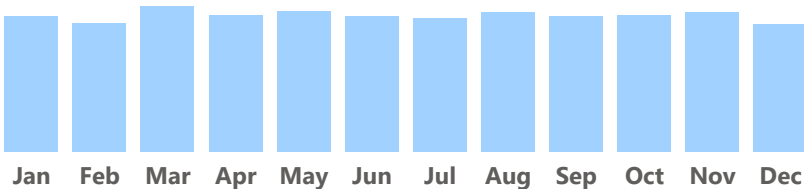
Avg Wait Time

35.3 Min



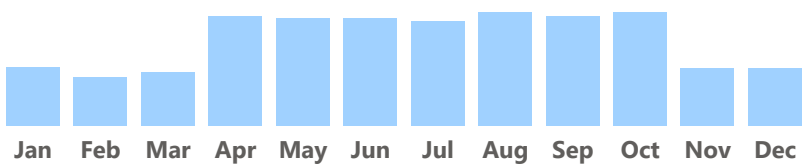
Patient Satisfaction Score

4.99



No. of Patients Referred

3816



Monthly View

Consoliated View

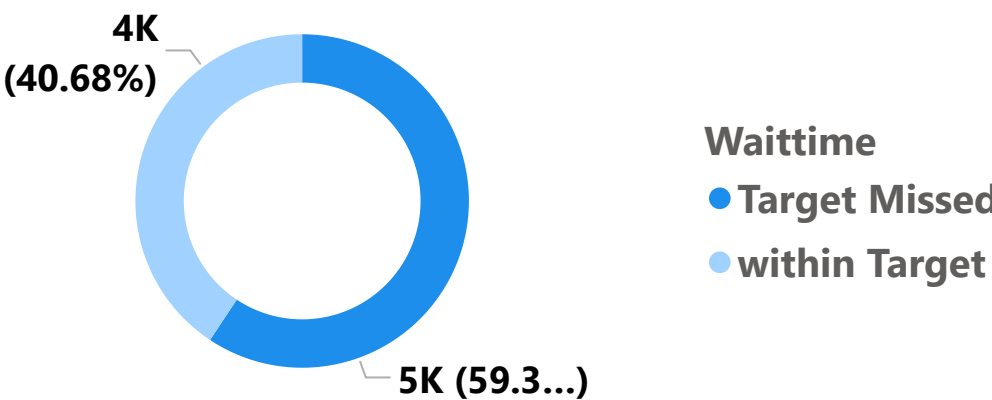
Patient Details

Takeaways

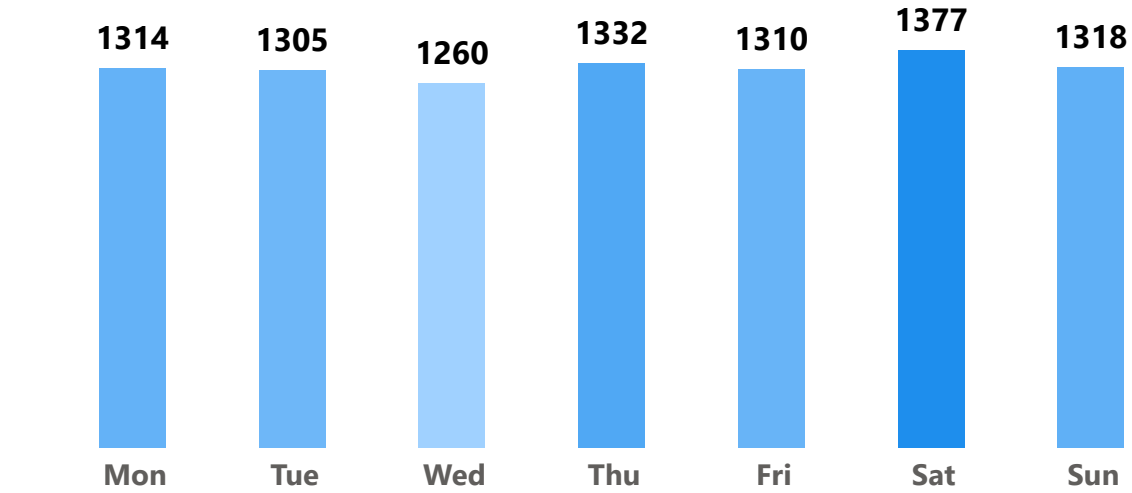
Patient Admission Status

Admission status	Patients	% of Total	
Admitted	4612	50.04%	<div></div>
Not Admitted	4604	49.96%	<div></div>

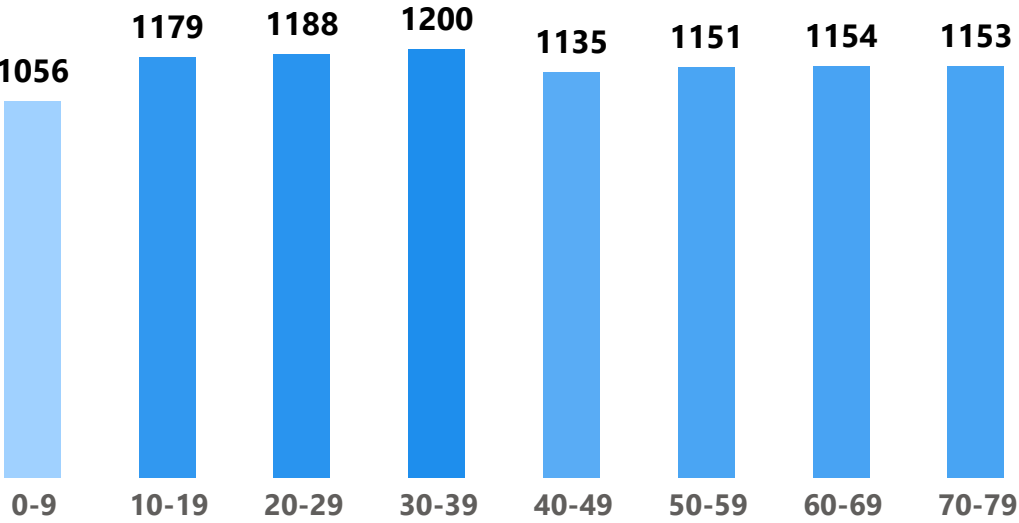
% of Patients seen with 30 min



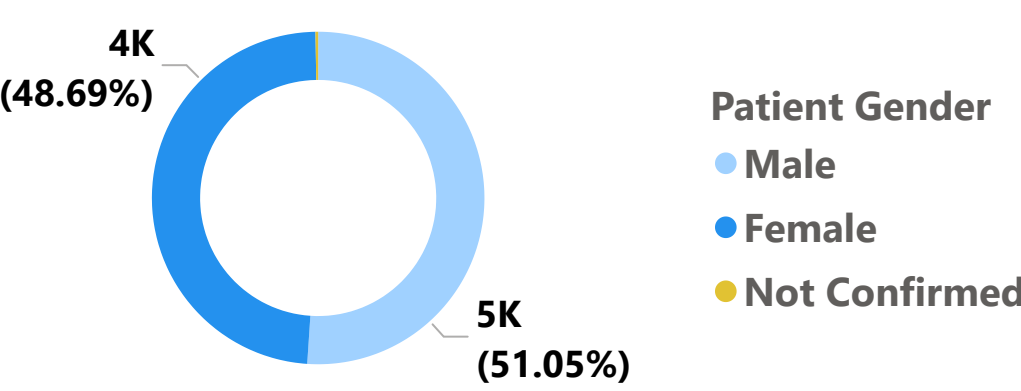
No of patients by Day and hour



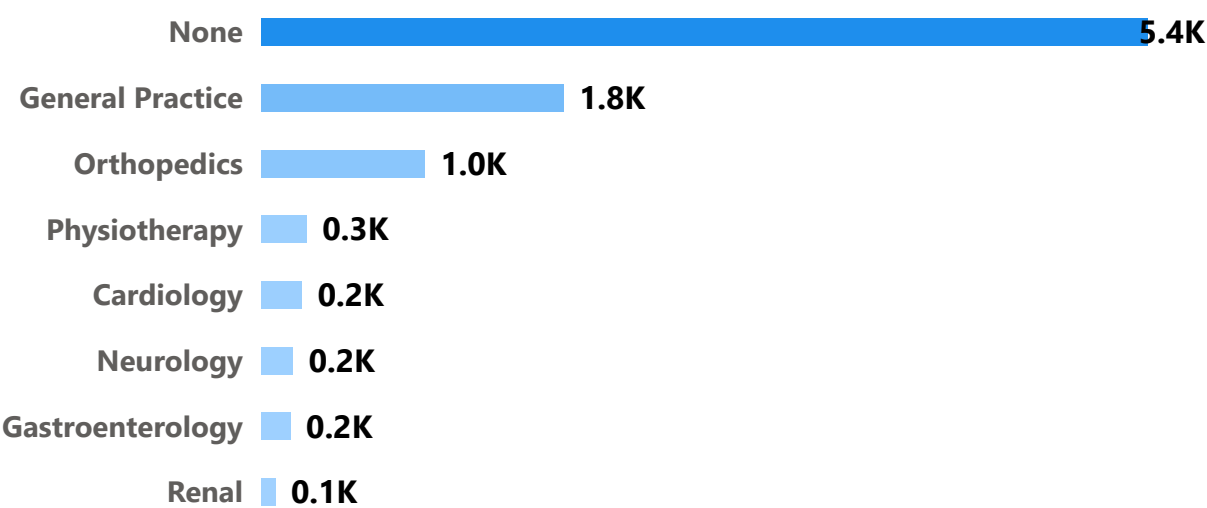
No of patients by Age group



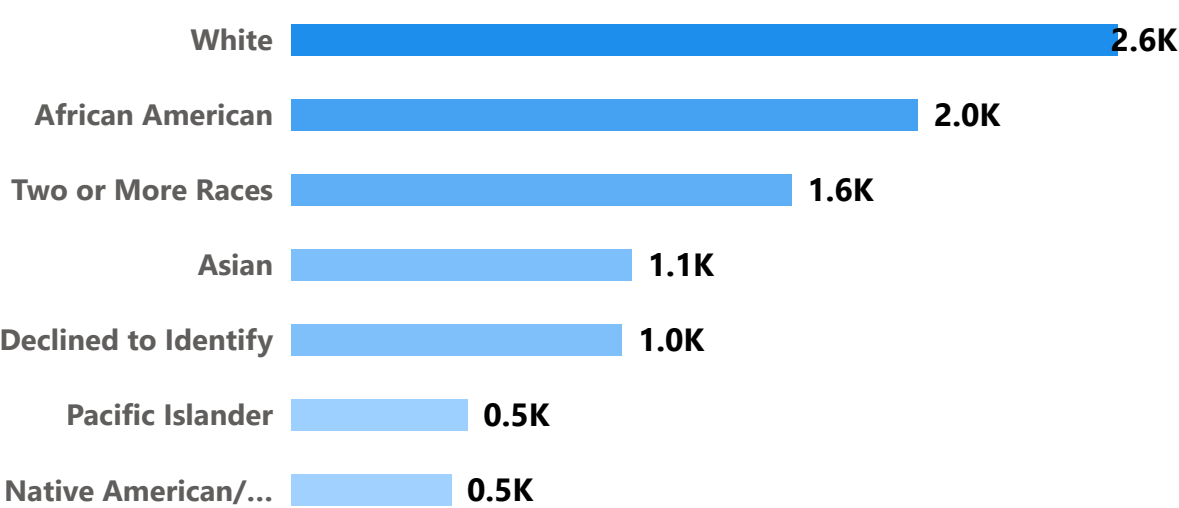
No. of Patients by Gender



No of patients by Department Referral



No of patients by Patient Race



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



# HOSPITAL EMERGENCY ROOM DASHBOARD

01-04-2023

30-10-2024

## PATIENT DETAILS

Patient Id	Patient Name	Patient Gender	Patient Admin Date	Patient Race	Patient Waittime	Department Referral	Admission status
873-82-4124	Z Zeale	Male	19 February 2024	Asian	38	General Practice	Admitted
330-18-1664	Z Zanni	Female	05 May 2024	Native American/Alaska Native	48	None	Not Admitted
895-70-7727	Z Yelden	Male	11 February 2024	Pacific Islander	47	Orthopedics	Admitted
311-70-7578	Z Wyld	Female	06 May 2023	African American	49	None	Not Admitted
649-44-3448	Z Worsall	Male	21 October 2023	White	25	None	Admitted
628-86-1438	Z Witherup	Female	16 January 2024	White	56	Renal	Admitted
742-60-3962	Z Windley	Male	01 May 2023	Declined to Identify	56	General Practice	Not Admitted
229-85-9032	Z Wilkison	Female	31 July 2023	Two or More Races	39	None	Admitted
807-31-0304	Z Whillock	Male	16 October 2023	Asian	13	None	Admitted
314-47-2091	Z Weyman	Male	12 March 2024	African American	44	General Practice	Admitted
831-72-4104	Z Wevell	Male	02 April 2024	African American	41	None	Not Admitted
538-63-5200	Z Warland	Male	24 October 2024	White	18	None	Admitted
887-55-2985	Z Warkup	Female	28 April 2024	Pacific Islander	36	General Practice	Admitted
649-57-9772	Z Walter	Male	04 April 2024	Declined to Identify	21	None	Not Admitted
250-23-2067	Z Wallace	Female	25 April 2024	African American	24	None	Not Admitted
396-63-9204	Z Waistell	Male	22 September 2024	Declined to Identify	27	None	Admitted
713-23-9419	Z Vivien	Female	26 July 2023	African American	28	Orthopedics	Not Admitted
431-19-3103	Z Verrick	Male	09 July 2024	Two or More Races	17	Orthopedics	Admitted
225-66-0995	Z Verden	Female	09 August 2024	African American	53	Orthopedics	Admitted
765-85-5657	Z Vaughten	Female	23 August 2023	Asian	16	None	Not Admitted
677-60-4398	Z Vasyunin	Male	29 January 2024	White	48	None	Admitted
337-20-1813	Z Twinberrow	Female	26 June 2024	Two or More Races	49	None	Not Admitted
116-94-4270	Z Twiddle	Male	20 December 2023	White	44	None	Admitted
571-28-4395	Z Twatt	Male	07 March 2024	Two or More Races	29	None	Not Admitted
731-56-8237	Z Trunkfield	Female	02 October 2024	Native American/Alaska Native	28	None	Not Admitted
844-41-6852	Z Tull	Female	17 September 2023	African American	18	None	Not Admitted

Monthly View

Consoliated View

Patient Details

Takeaways



# HOSPITAL EMERGENCY ROOM DASHBOARD

## KEY TAKEAWAYS

### Descriptive Analysis

*(April 2023 – October 2024)*

The Emergency room dataset, covering a period of 19 months, records of 9,216 unique patients

### Patient Wait Time & Satisfaction :

The average wait time was approximately **36.7 min** 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 Referral :

A significant number of patients (5400) didn't require 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 was **Monday (1377 patients)**, followed by **Saturday (1322 patients)** and **Tuesday (1318 patients)**.  
The busiest hour was **11 AM – 7 PM (peak)**, indicating a need for ample staffing during these periods.

### Patients Demographics :

**Age Group** : 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)**, **Multiracial (1557)** and **Asian (1060)** patients.  
A significant number of patients declined to identify their race.

### Admission Patterns :

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

Monthly View

Consoliated View

Patient Details

Takeaways