



# HOSPITAL EMERGENCY ROOM DASHBOARD

Year

2024

Month Name

Feb

MONTHLY VIEW Feb 2024

Monthly View

Consolidated View

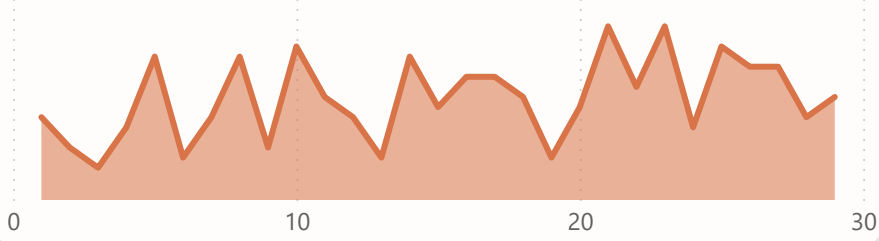
Patient Details

Keytakeaways



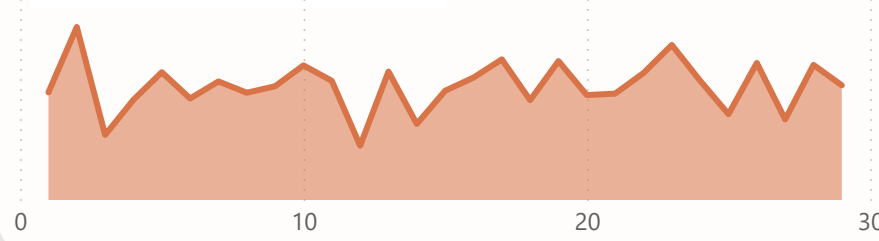
No. of Patients

431



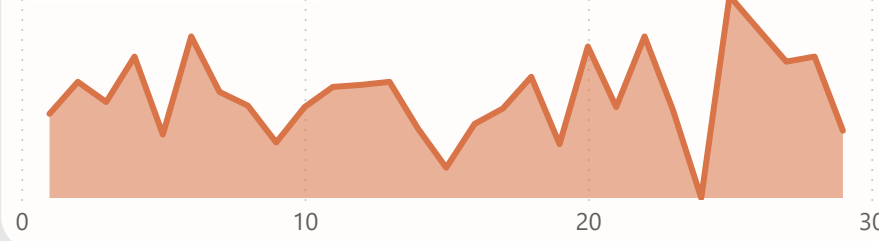
Avg. Wait Time

36.7Min



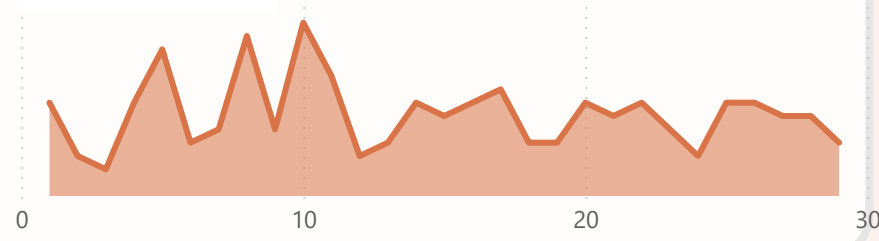
Patient Satisfaction Score

4.72



No. of Patients Referred

179



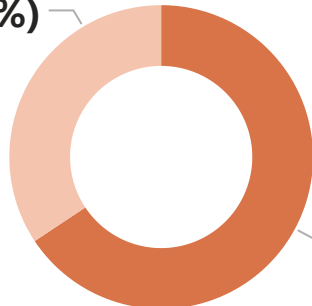
Patient Admission Status

Admission status Patients % of Total

Not Admitted	207	48.03%	
Admitted	224	51.97%	

% of Patient seen within 30min

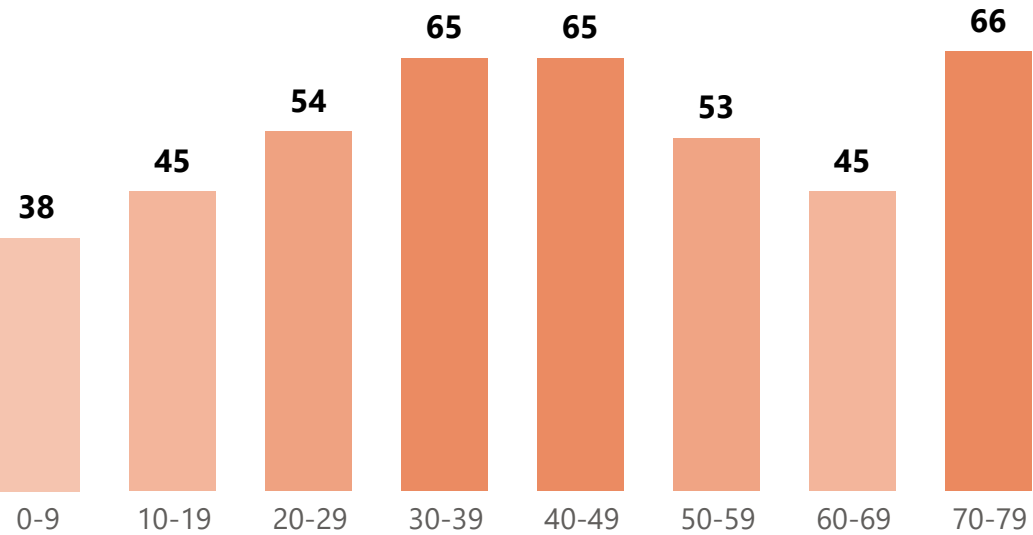
148 (34.3%)



283 (65.7%)

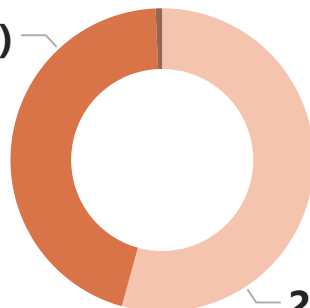
Target Missed  
Within Target

No. Of Patients by Age group



No. of Patient by Gender

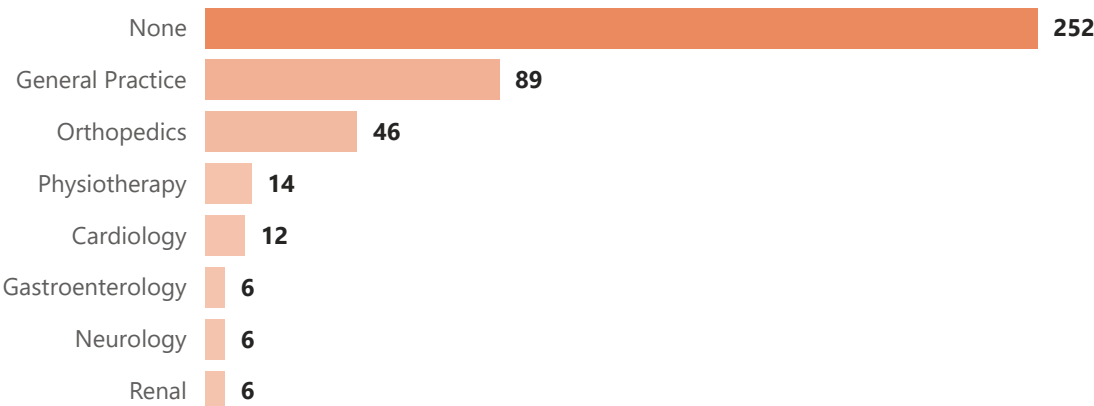
194 (45.0%)



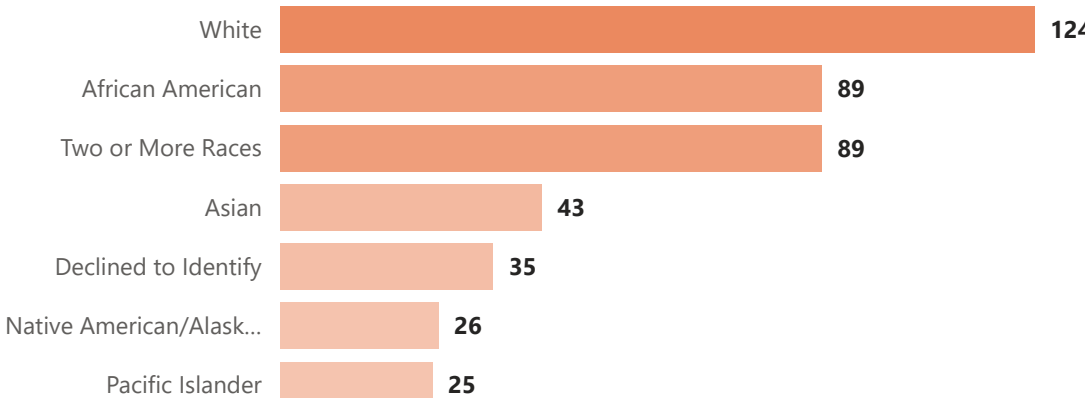
234 (54.3%)

Male  
Female  
Not-Confirmed

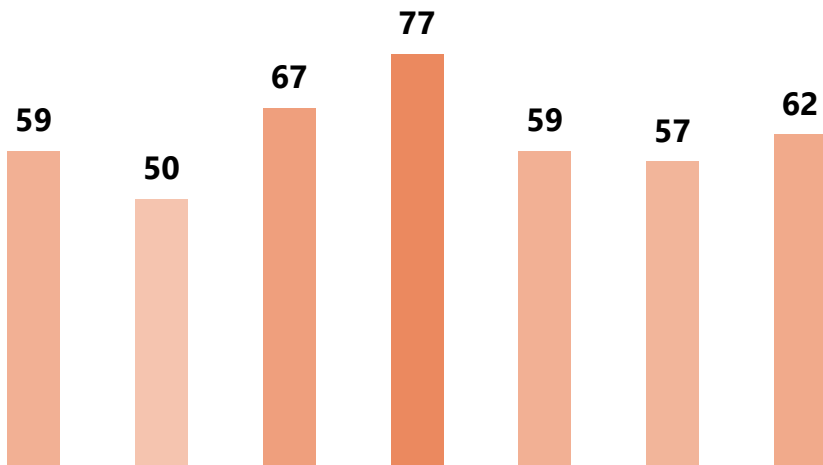
No. Of Patients by Department Referral



No. Of Patients by Patient Race



No. Of Patients by Day & Hour



Hours

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
10-20	8	2	4	6	5	2	4
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
20-22	3	5	6	5	8	5	7
23-24	2	5	8	10	6	6	8



# HOSPITAL EMERGENCY ROOM DASHBOARD

01-04-2023 30-10-2024

## CONSOLIDATED VIEW

Monthly View

Consolidated View

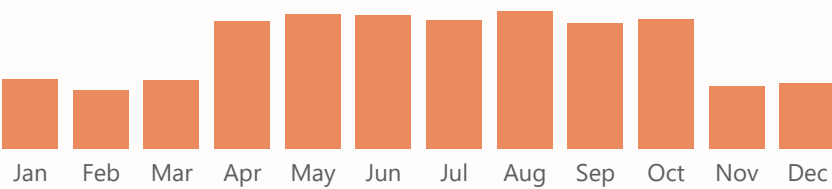
Patient Details

Keytakeaways



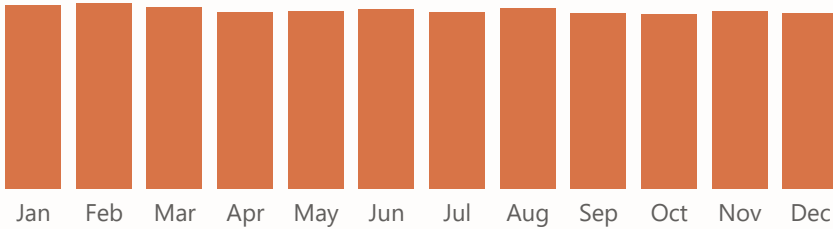
No. of Patients

9216



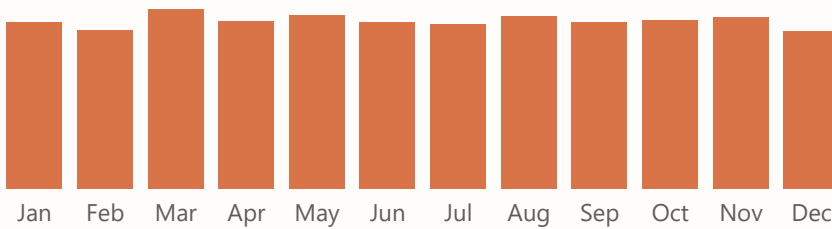
Avg. Wait Time

35.3Min



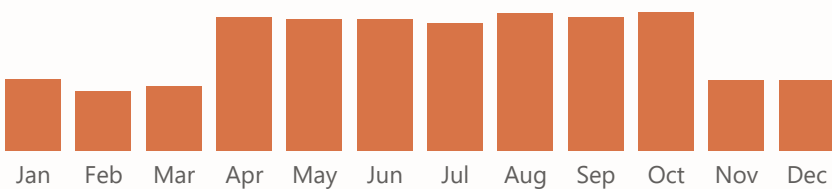
Patient Satisfaction Score

4.99



No. of Patients Referred

3816

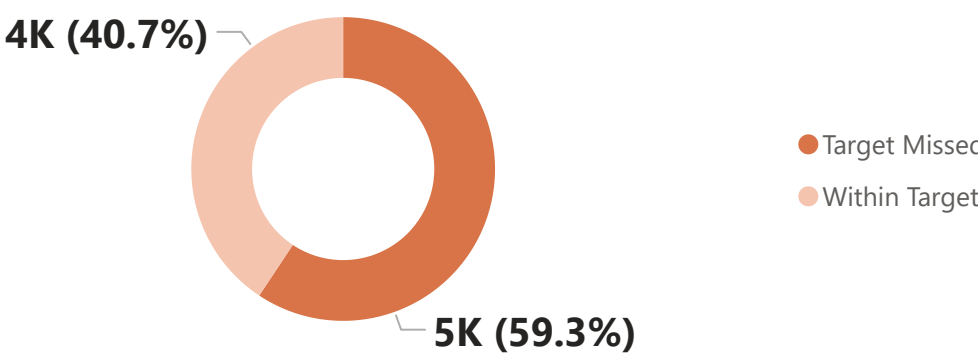


Patient Admission Status

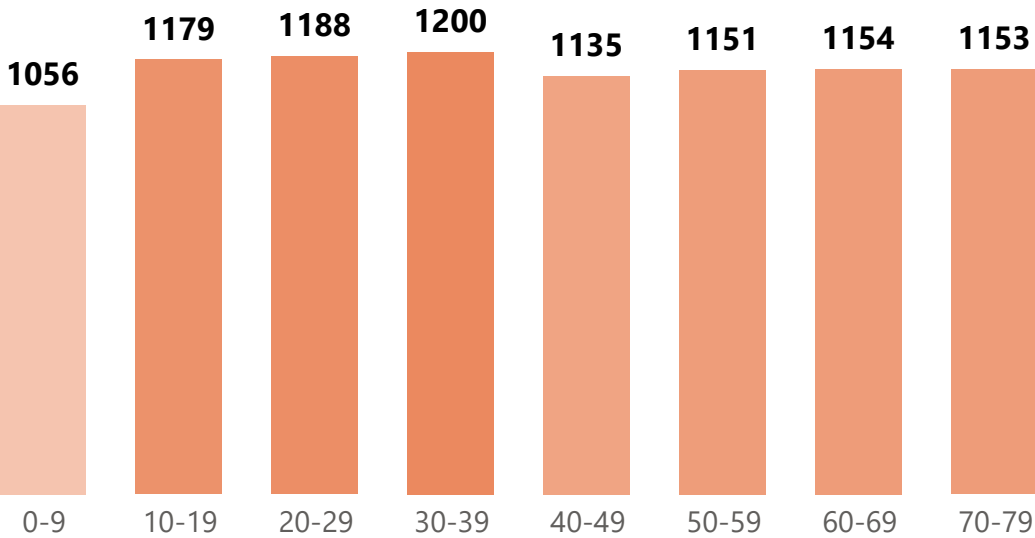
Admission status Patients % of Total

Not Admitted	4604	49.96%
Admitted	4612	50.04%

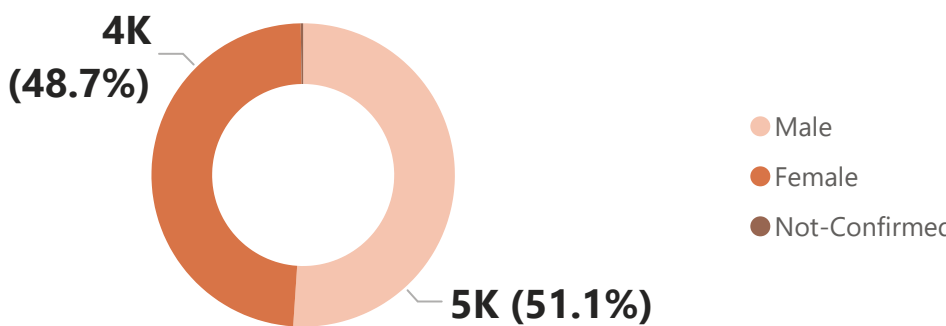
% of Patient seen within 30min



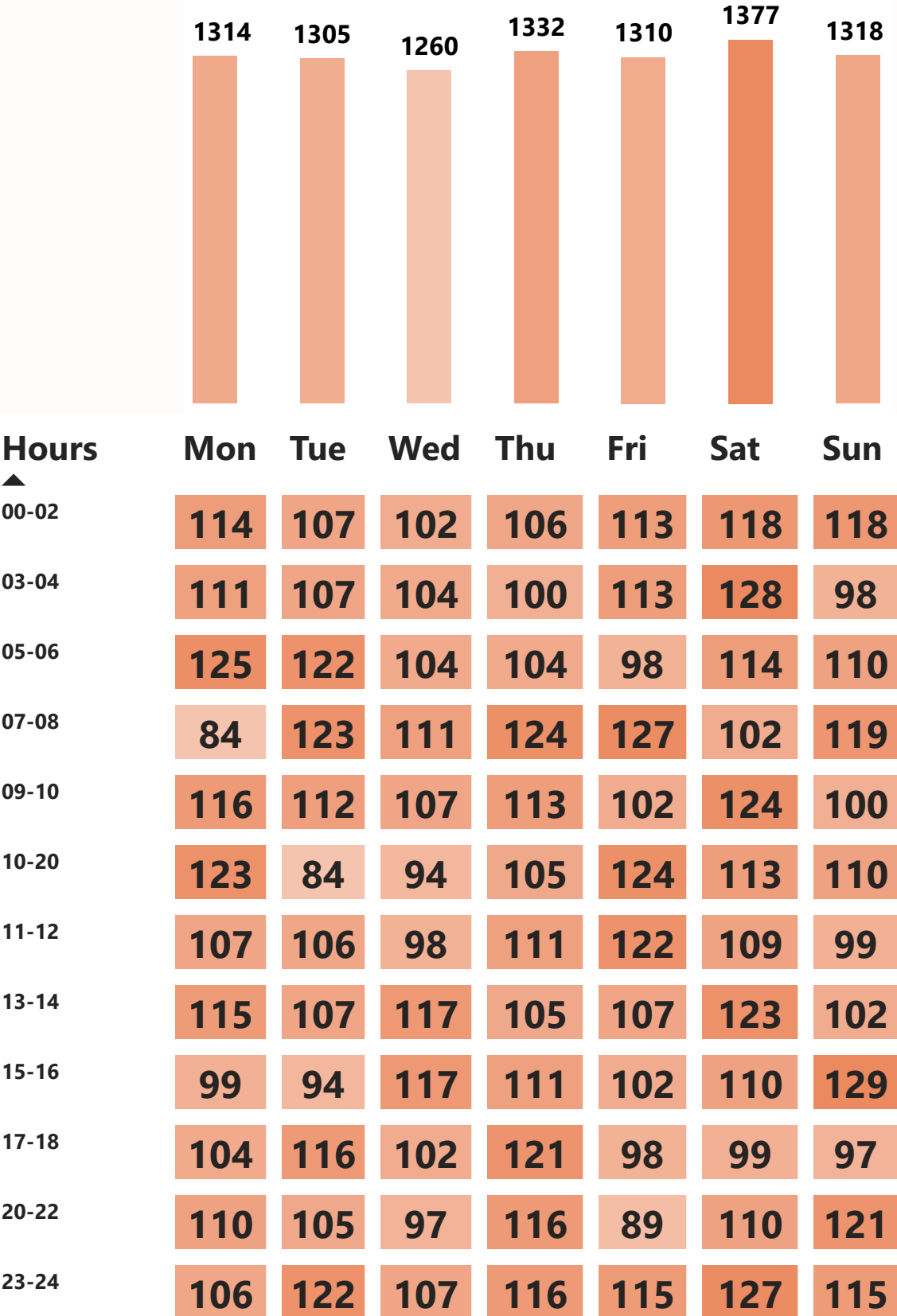
No. Of Patients by Age group



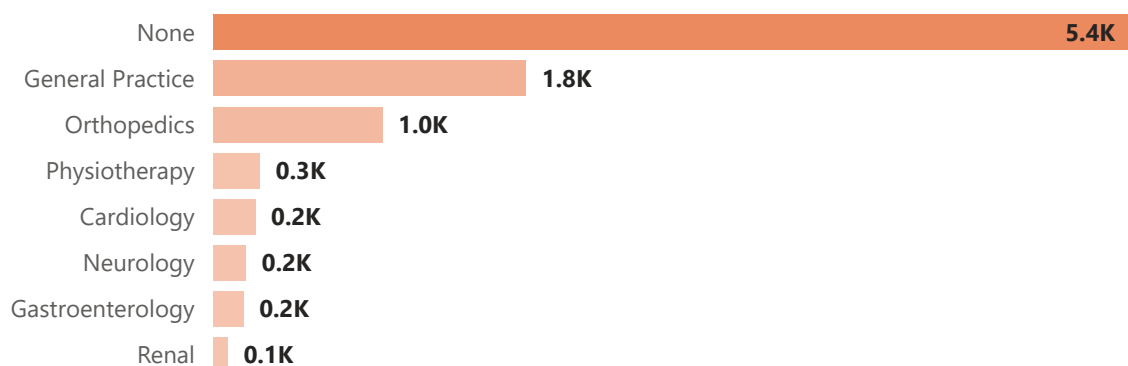
No. of Patient by Gender



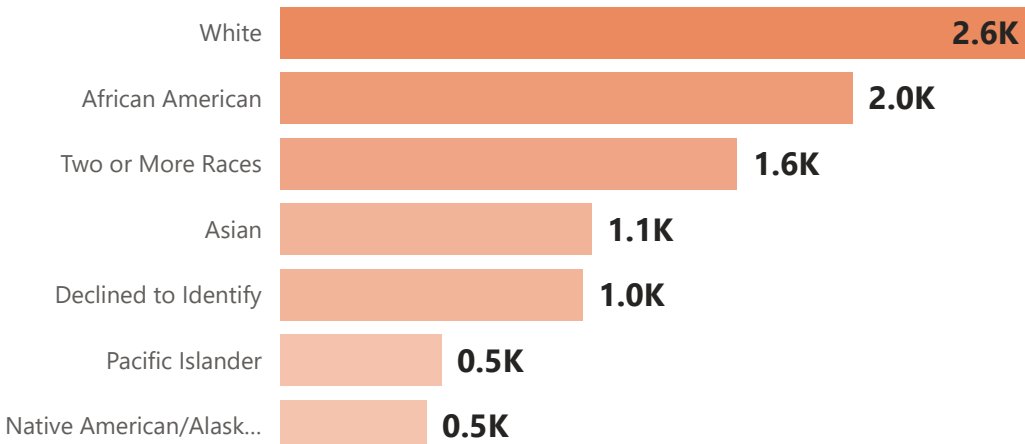
No. Of Patients by Day & Hour



No. Of Patients by Department Referral



No. Of Patients by Patient Race





Monthly View

Consolidated View

Patient Details

Keytakeaways



# HOSPITAL EMERGENCY ROOM DASHBOARD

01-04-2023

30-10-2024

## PATIENT DETAILS

Patient Id	Patient Name	Patient Gender	Patient Age	Patient Admin Date	Patient Race	Patient Waittime	Department Referral	Admission status
106-45-9457	I Nicol	Female	71	01-04-2023	Two or More Races	14	General Practice	Admitted
111-52-9197	G Hawkeswood	Female	64	01-04-2023	White	59	None	Not Admitted
125-52-4944	N Sommerscales	Male	79	01-04-2023	White	21	General Practice	Not Admitted
161-03-2325	Q Everson	Female	26	01-04-2023	Declined to Identify	44	None	Not Admitted
170-60-7747	T Snowdon	Male	31	01-04-2023	White	56	General Practice	Not Admitted
259-51-9518	T Rolingson	Male	62	01-04-2023	Asian	12	None	Not Admitted
338-11-7529	B Grzelczak	Female	38	01-04-2023	African American	54	None	Admitted
389-14-6190	E Bygate	Female	20	01-04-2023	Asian	30	General Practice	Not Admitted
417-42-4910	V Cliche	Female	79	01-04-2023	Two or More Races	45	None	Not Admitted
428-40-4491	J Antonnikov	Female	46	01-04-2023	African American	45	None	Admitted
570-93-0122	X Olech	Female	43	01-04-2023	Declined to Identify	47	Orthopedics	Not Admitted
576-82-1180	X Bassford	Male	69	01-04-2023	Asian	50	General Practice	Admitted
628-45-6492	L McCarrison	Female	6	01-04-2023	White	52	None	Admitted
689-22-4635	V Game	Male	53	01-04-2023	African American	46	None	Admitted
701-64-7880	L Brothwell	Male	18	01-04-2023	Two or More Races	40	None	Admitted
766-20-3662	N Sparsholt	Male	60	01-04-2023	Two or More Races	35	Cardiology	Admitted
868-10-5414	R Fulker	Female	55	01-04-2023	African American	24	None	Admitted
874-57-8352	V Matyushenko	Male	38	01-04-2023	White	50	None	Not Admitted
889-96-0276	Q Purseglove	Male	10	01-04-2023	Two or More Races	45	Cardiology	Not Admitted
112-88-9744	I Wing	Male	70	02-04-2023	Declined to Identify	26	None	Admitted
248-21-1787	C Benez	Female	60	02-04-2023	White	60	Physiotherapy	Admitted
262-69-4482	U Llopis	Male	38	02-04-2023	Declined to Identify	14	Gastroenterology	Admitted
353-77-6257	V Van Der Walt	Male	75	02-04-2023	White	33	None	Not Admitted
372-25-7518	K Hambly	Female	67	02-04-2023	Declined to Identify	22	General Practice	Admitted
476-32-0713	K Bunhill	Male	68	02-04-2023	White	24	None	Admitted
Total			367305			324955		



Monthly View

Consolidated View

Patient Details

Keytakeaways



# HOSPITAL EMERGENCY ROOM DASHBOARD

## KEY TAKEAWAYS

### DESCRIPTIVE ANALYSIS: (April 2023- October 2024)

The emergency room dataset, covering a period of 19months of 9,216 unique patterns.

#### 1.Wait Time Efficiency

The **average wait time** was **35.3 minutes**, indicating a need for improvement to enhance patient flow.

#### 2.Satisfaction Score

Patients rated their experience with a **satisfaction score of 4.99/10**, suggesting moderate satisfaction and highlighting areas for improving patient experiences.

#### 3.Departmental Referrals:

A significant number of patients **(5400)** did not 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)**.

#### 4.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.

#### 5.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)**.

#### 6.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.

#### 7.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 morning 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.