HOSPITAL EMERGENCY ROOM DASHBOARD

MONTHLY VIEW

Aug 2023

Year: 2023

Month Nmae: Aug

Monthly View

Consolidated View

Patient Details

Key Takeways

No. of Patients

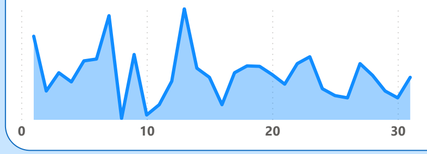
494

Avg Wait Time

36.4Min

Patients Satisfaction Score

5.06



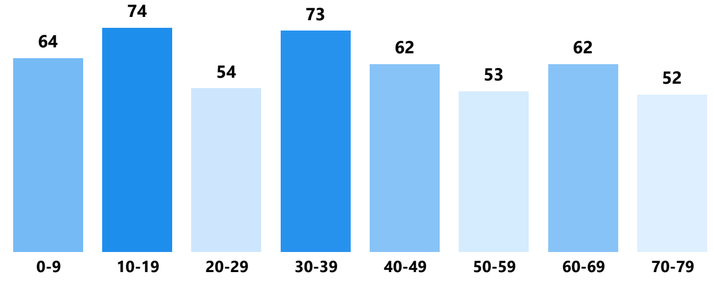
No. of Patients Referred

191

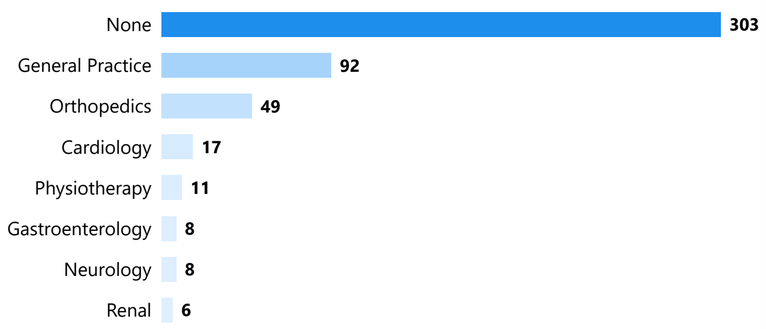
Patient Admission Status

Admission Status	Patient	% of Total	
Admitted	234	47.37%	260
Not Admitted	260	52.63%	234

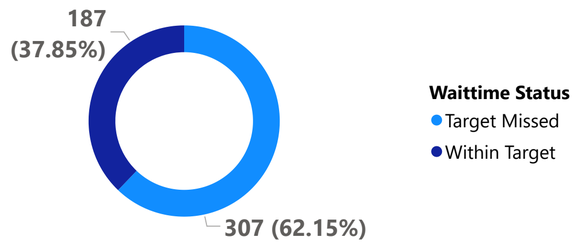
No of Patient by Age Group



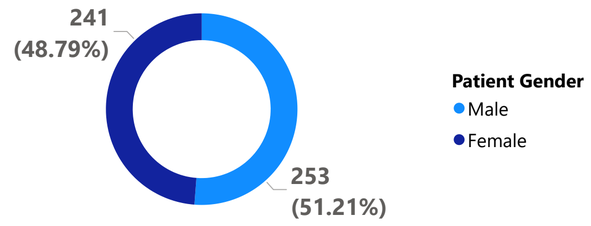
No of Patient by Department Referral



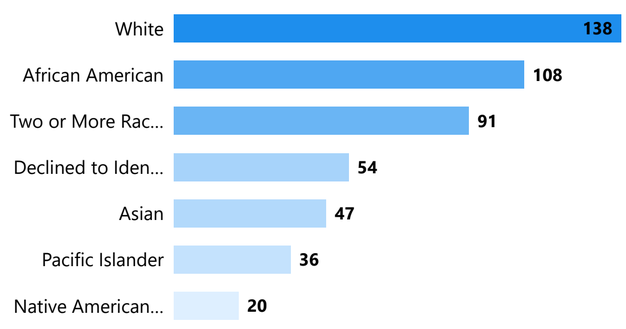
% of Patient by Waitin 30 Min



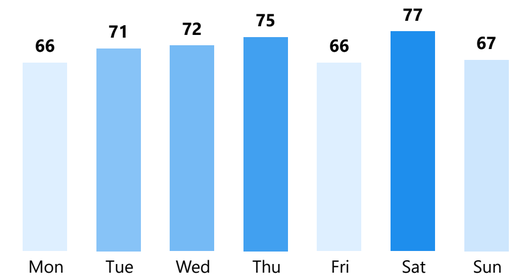
No. of Patients By Gender



No of Patient by Patient Race



No of Patient by Day and Hour



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

HOSPITAL EMERGENCY ROOM DASHBOARD

CONSOLIDATED VIEW

01-04-2023 30-10-2024

Monthly View

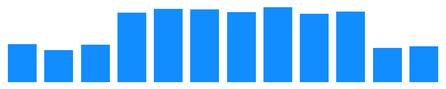
Consolidated View

Patient Details

Key Takeways

No. of Patients

9216

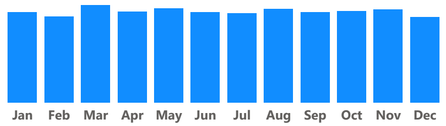


Avg Wait Time

35.3Min

Patients Satisfaction Score

4.99



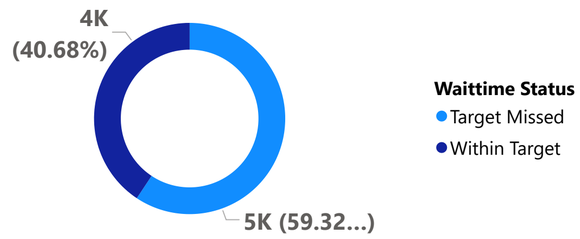
No. of Patients Referred

3816

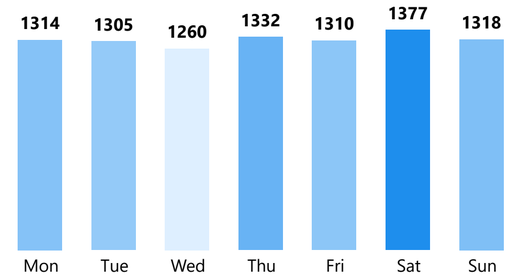
Patient Admission Status

Admission Status	Patient	% of Total	
Admitted	4612	50.04%	4.6K
Not Admitted	4604	49.96%	4.6K

% of Patient by Waitin 30 Min

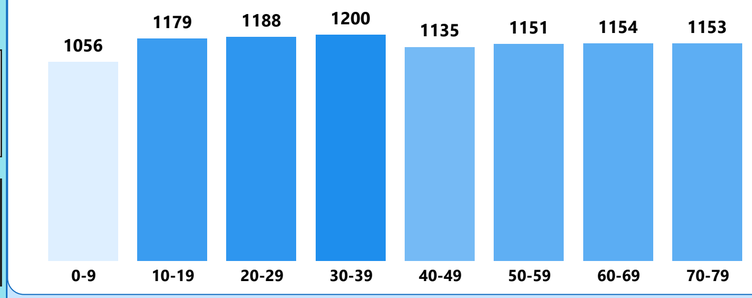


No of Patient by Day and Hour

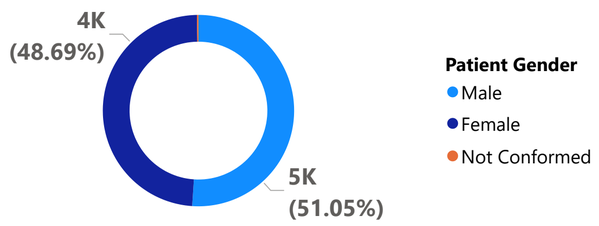


Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	114	107	102	106	113	118	118
03-04	111	107	104	100	113	128	98
05-06	125	122	104	104	98	114	110
07-08	84	123	111	124	127	102	119
09-10	116	112	107	113	102	124	100
11-12	107	106	98	111	122	109	99
13-14	115	107	117	105	107	123	102
15-16	99	94	117	111	102	110	129
17-18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

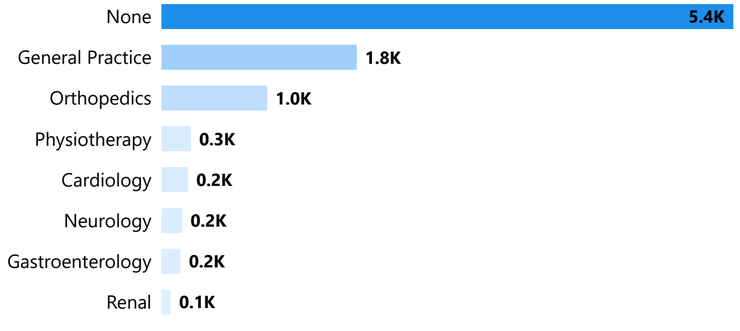
No of Patient by Age Group



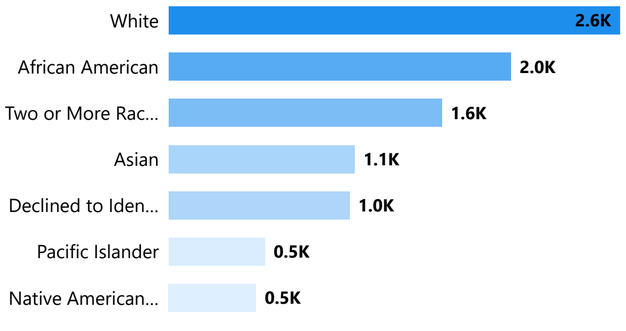
No. of Patients By Gender



No of Patient by Department Referral



No of Patient by Patient Race



HOSPITAL EMERGENCY ROOM DASHBOARD

PATIENT DETAILS

01-04-2023 30-10-2024

Monthly View

Consolidated View

Patient Details

Key Takeways

Patient Id	Patient Name	Gender	Patient Age	Patient Admin Date	Patient Race	Patient Waittime	Department Referral	Admission Status
107-06-8299	D Jeynes	Female	50	05 September 2023	Declined to Identify	10	General Practice	Not Admitted
107-19-6298	K Clendennen	Male	28	15 August 2024	Asian	10	Orthopedics	Not Admitted
111-90-3138	P Claige	Male	1	17 October 2023	African American	10	Orthopedics	Admitted
119-06-4805	Q Franzen	Male	75	15 February 2024	Asian	10	General Practice	Admitted
120-58-8955	N Grayling	Male	69	13 September 2023	White	10	None	Admitted
126-09-0081	Y Waiting	Female	67	09 June 2023	African American	10	Orthopedics	Admitted
127-74-5580	B Lambswood	Male	17	27 May 2024	Two or More Races	10	General Practice	Not Admitted
128-10-0306	P Boyett	Female	45	23 June 2024	African American	10	None	Not Admitted
132-94-9742	E Nappin	Female	48	27 February 2024	White	10	General Practice	Admitted
137-21-4628	Q Warrick	Male	34	10 May 2024	Asian	10	General Practice	Not Admitted
150-06-3104	W Melland	Female	20	14 May 2024	Asian	10	General Practice	Admitted
153-51-8349	X Mancktelow	Male	18	04 May 2024	Declined to Identify	10	None	Admitted
156-26-5666	N Keysall	Female	2	20 October 2024	Declined to Identify	10	General Practice	Admitted
158-96-8777	Z MacCheyne	Male	21	27 June 2023	White	10	None	Not Admitted
170-12-3064	M Brandrick	Female	22	22 August 2023	African American	10	General Practice	Not Admitted
176-32-3686	N Brimson	Male	26	08 April 2023	White	10	Cardiology	Not Admitted
182-51-4982	C Ferreira	Male	52	29 December 2023	Asian	10	None	Admitted
183-23-8555	R Priestnall	Male	77	23 June 2024	White	10	None	Admitted
184-86-0569	V Kilcullen	Female	41	21 October 2023	Asian	10	Gastroenterology	Admitted
187-33-6988	Z Scotfurth	Male	64	21 September 2024	Asian	10	General Practice	Not Admitted
189-58-3826	G Alekseev	Male	78	05 July 2023	White	10	None	Admitted
197-06-5889	O Stillert	Male	76	16 April 2024	White	10	General Practice	Admitted
198-65-1159	Z Crake	Male	24	05 October 2024	African American	10	None	Admitted
200-87-7696	V Giovani	Female	13	26 August 2024	African American	10	None	Admitted
200-98-7030	Y Gerckens	Not Conformed	65	27 June 2024	White	10	Gastroenterology	Not Admitted
208-63-9371	V Verralls	Male	42	01 December 2023	Pacific Islander	10	General Practice	Admitted
219-14-6147	Z Girardengo	Male	63	10 January 2024	Native American/Alaska Native	10	Renal	Not Admitted
220-02-8548	E Mattiazzo	Male	50	14 December 2023	White	10	None	Not Admitted
220-45-5150	H Ruddoch	Male	57	18 August 2024	Declined to Identify	10	None	Admitted
222-26-0023	X Swaite	Female	79	22 September 2024	White	10	None	Admitted

Monthly View

Consolidated View

Patient Details

Key Takeways

HOSPITAL EMERGENCY ROOM DASHBOARD

Key Takeaways

01-04-2023 30-10-2024

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 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 were **Mondays (1377 patients)**, **Saturdays (1322 patients)**, and **Tuesdays (1318 patients)**. The busiest hours were **11 AM, 7 PM, 1 PM, and 11 PM**, indicating the 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)**, **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, moderate satisfaction levels, and common referrals to General Practice and Orthopedics. Mondays 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.