



Monthly View

Consolidated view

Patient Details

Key Takeaway

# HOSPITAL EMERGENCY ROOM DASHBOARD

MONTHLY VIEW

Jul 2024

Year

2024

Month Name

Jul

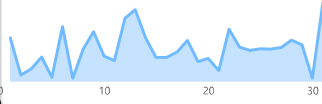
No. of patients

488



Avg Wait Time

35.2 Min



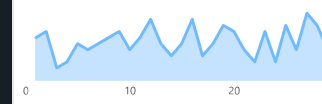
Patient Satisfaction score

4.79



No. of Patients Referred

198

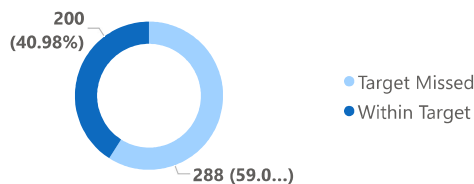


Patient Admission Status

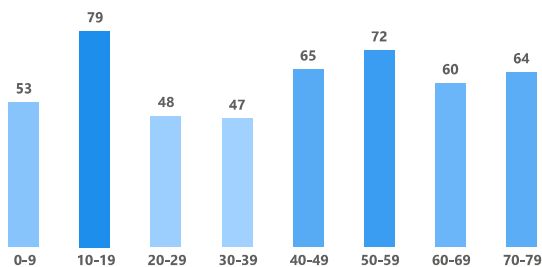
Admission Status Patients %GT of Patients

Admitted	266	54.51%	<div></div>
Not Admitted	222	45.49%	<div></div>

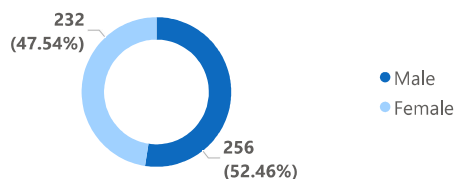
% of Patients seen within 30 Min



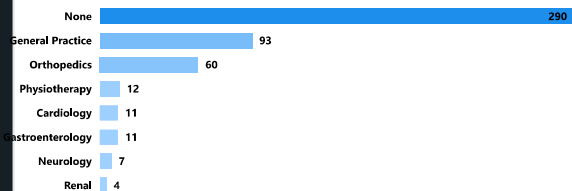
No of Patients by Age Group



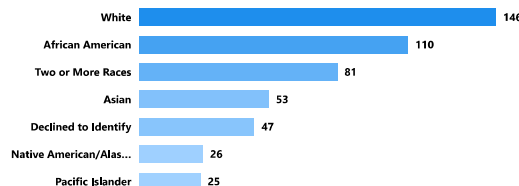
No of Patients by Gender



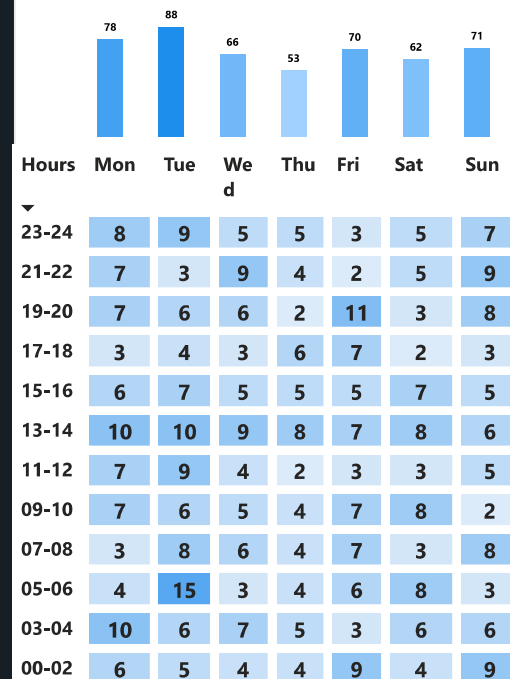
No of Patients by Department Referral



No of Patients by Patient Race



No of Patients by Day and Hour





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CONSOLIDATED VIEW

4/11/2023

10/30/2024

No. of patients



9070



Avg Wait Time



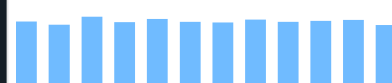
35.3 Min



Patient Satisfaction score



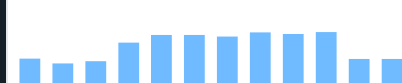
4.99



No. of Patients Referred



3750

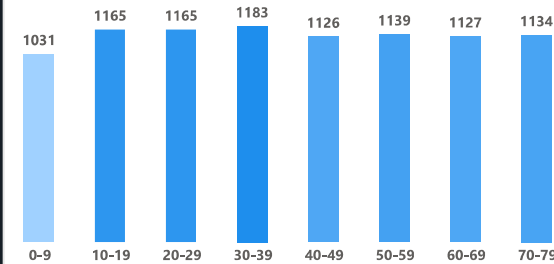


Patient Admission Status

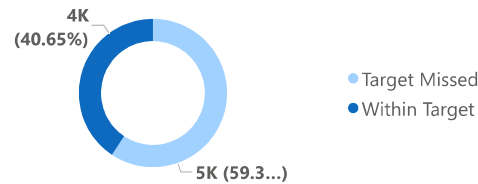
Admission Status Patients %GT of Patients

Admitted	4539	50.04%	<div></div>
Not Admitted	4531	49.96%	<div></div>

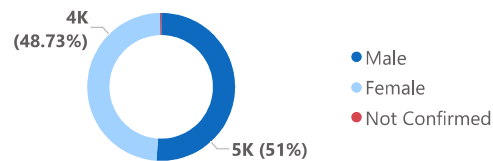
No of Patients by Age Group



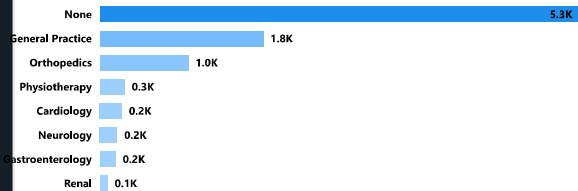
% of Patients seen within 30 Min



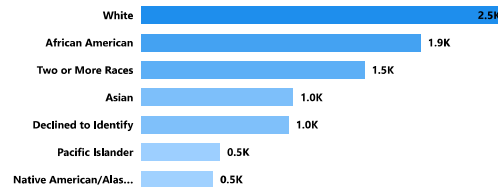
No of Patients by Gender



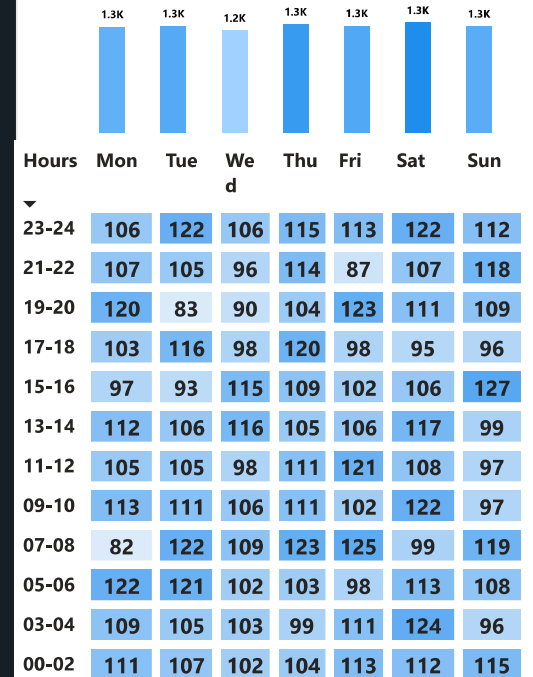
No of Patients by Department Referral



No of Patients by Patient Race



No of Patients by Day and Hour





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# HOSPITAL EMERGENCY ROOM DASHBOARD

## PATIENT DETAILS

4/11/2023

10/30/2024

Patient Id	Full Name	Patient Gender	Patient Age	Patient Admin Date	Patient Race	Patient Waittime	Department Referral	Admission Status
899-98-2466	V Rodinger	Male	65	Thursday, June 13, 2024	African American	32	Neurology	Not Admitted
899-92-7948	E Ledson	Male	75	Friday, September 22, 2023	Native American/Alaska Native	11	None	Admitted
899-89-7946	C Bocke	Male	62	Friday, August 11, 2023	African American	59	General Practice	Not Admitted
899-89-5599	A Caulwell	Male	64	Friday, August 25, 2023	Two or More Races	33	None	Not Admitted
899-73-5432	N Klasing	Female	8	Sunday, July 30, 2023	White	29	General Practice	Not Admitted
899-68-9474	D Hucklesby	Male	70	Wednesday, September 27, 2023	African American	14	General Practice	Admitted
899-68-1954	H Gerler	Male	33	Wednesday, January 24, 2024	African American	36	Gastroenterology	Admitted
899-65-7826	Y Allan	Male	26	Sunday, June 11, 2023	White	42	Orthopedics	Admitted
899-59-5585	R Osmond	Male	60	Wednesday, November 15, 2023	Declined to Identify	57	Orthopedics	Admitted
899-55-9031	G Geibel	Female	31	Wednesday, April 24, 2024	White	46	None	Not Admitted
899-55-1671	N Haslum	Male	30	Friday, January 26, 2024	Two or More Races	38	None	Not Admitted
899-54-0115	H Bolf	Female	43	Friday, August 30, 2024	Declined to Identify	43	None	Not Admitted
899-48-1776	Y Klemt	Female	23	Tuesday, May 30, 2023	African American	31	General Practice	Admitted
899-45-0451	M Goldwater	Male	26	Thursday, June 29, 2023	Declined to Identify	35	None	Admitted
899-18-1079	Z Skeemer	Male	25	Monday, January 08, 2024	White	48	Neurology	Admitted
899-17-3356	Z D'Hooghe	Female	22	Wednesday, June 26, 2024	White	13	None	Admitted
899-16-2971	S Lebel	Female	17	Wednesday, December 06, 2023	African American	48	General Practice	Admitted
898-98-4823	H Klais	Female	56	Sunday, September 03, 2023	White	48	General Practice	Not Admitted
898-96-3786	E Bossom	Male	14	Saturday, June 24, 2023	White	57	General Practice	Not Admitted
898-70-4805	W Sturridge	Female	27	Tuesday, December 05, 2023	White	56	None	Not Admitted
898-64-3273	L Chillistone	Male	56	Sunday, July 28, 2024	Pacific Islander	27	General Practice	Admitted
898-30-3232	L Week	Female	33	Monday, September 09, 2024	Native American/Alaska Native	42	None	Not Admitted
898-29-8913	B Champneys	Female	54	Wednesday, April 19, 2023	Declined to Identify	19	General Practice	Admitted



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# HOSPITAL EMERGENCY ROOM DASHBOARD

## 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 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, 01 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)**, **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 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.