



# HOSPITAL EMERGENCY ROOM DASHBOARD



Month & Year  
Jan 2024

Monthly View

Jan 2024

Monthly View

Consolidated View

Patient Details

Key Takeaways



No. of Patients

513



Avg Wait Time

36.3 Min



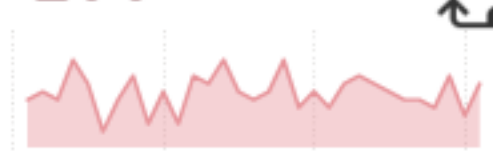
Patient Satisfaction Score

5.0



No. of Patients Referred

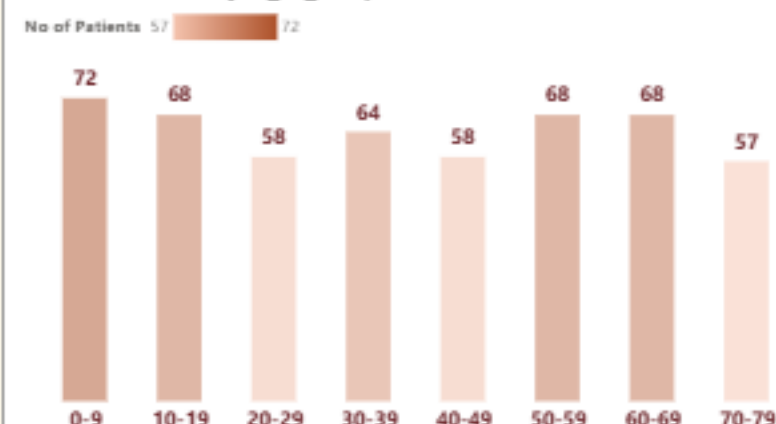
214



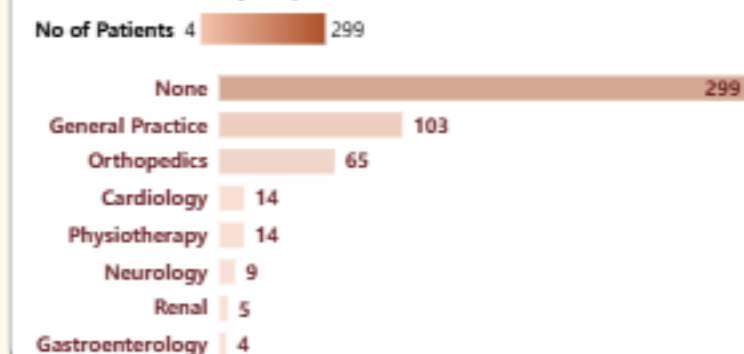
Patient Admission Status

Admission Status	% of total	Patients
Admitted	52.44%	269
Not Admitted	47.56%	244

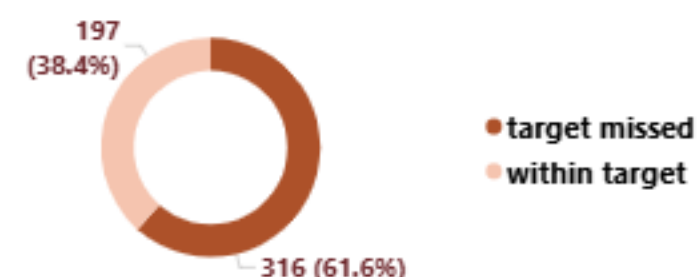
No of Patients by Age group



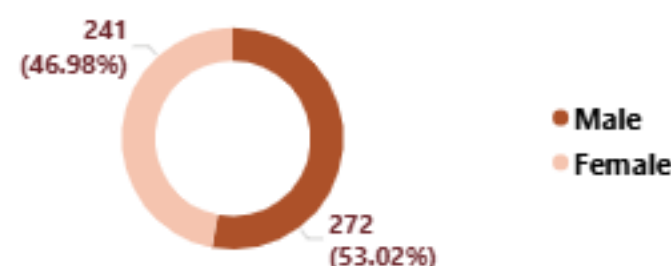
No of Patients by Department Referral



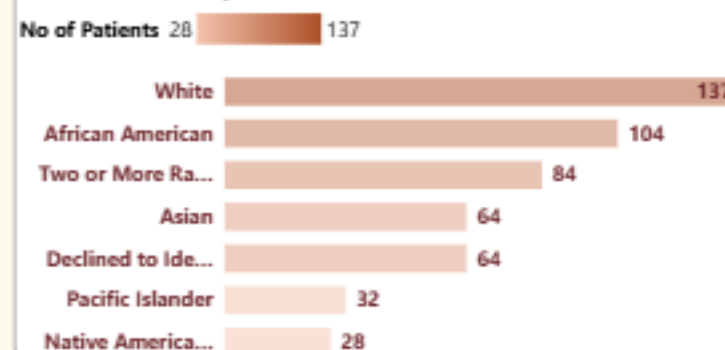
% of Patients Seen Within 30 min



No of Patients by Gender



No of Patients by Patient Race



No of Patients by Day & Hour

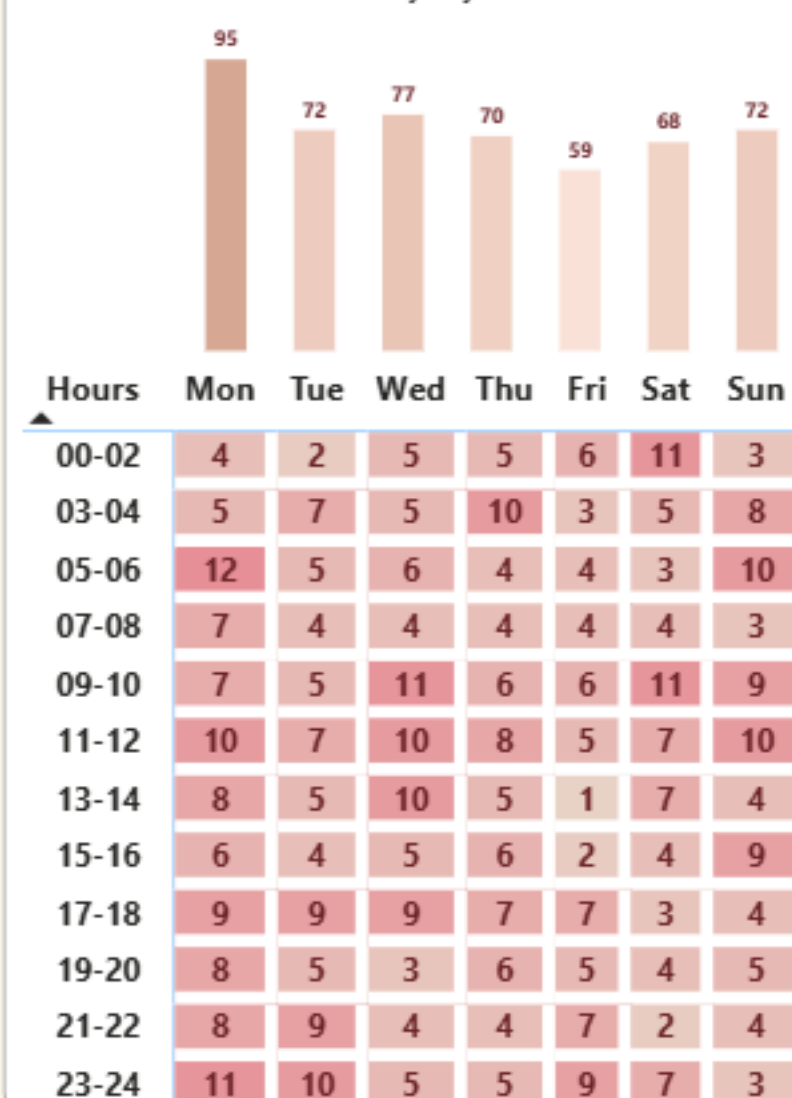


FIGURE 1 : MONTHLY VIEW



# HOSPITAL EMERGENCY ROOM DASHBOARD



01-04-2023

30-10-2024

## Consolidated View

Monthly View

Consolidated View

Patient Details

Key Takeaways



No. of Patients

9216



Avg Wait Time

35.3 Min



Patient Satisfaction Score

5.0



No. of Patients Referred

3816



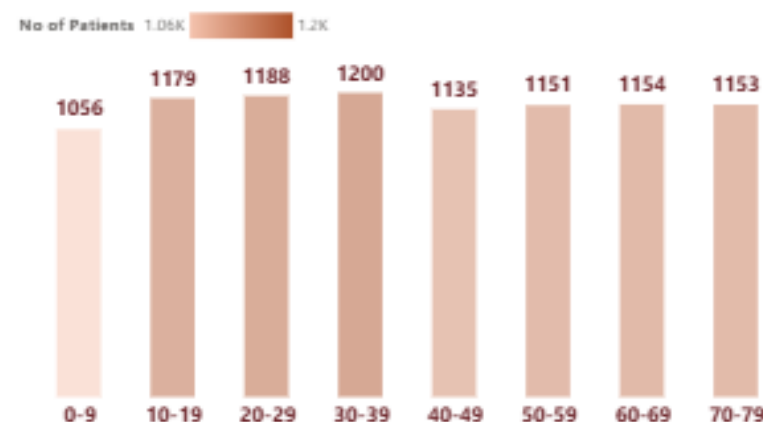
### Patient Admission Status

Admission Status	% of total	Patients
Admitted	50.04%	4612
Not Admitted	49.96%	4604

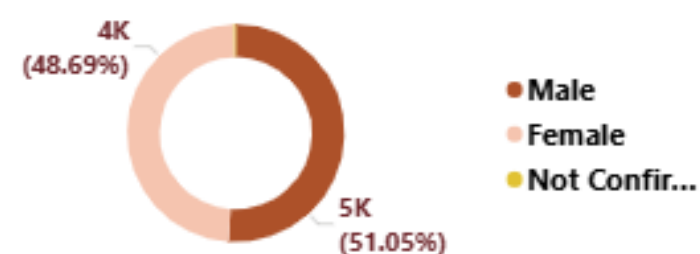
### % of Patients Seen Within 30 min



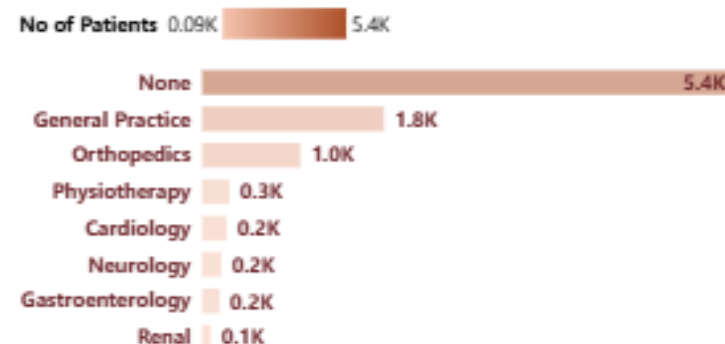
### No of Patients by Age group



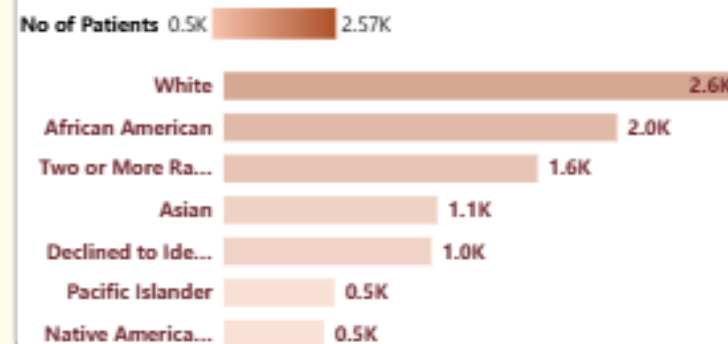
### No of Patients by Gender



### No of Patients by Department Referral



### No of Patients by Patient Race



### No of Patients by Day & Hour

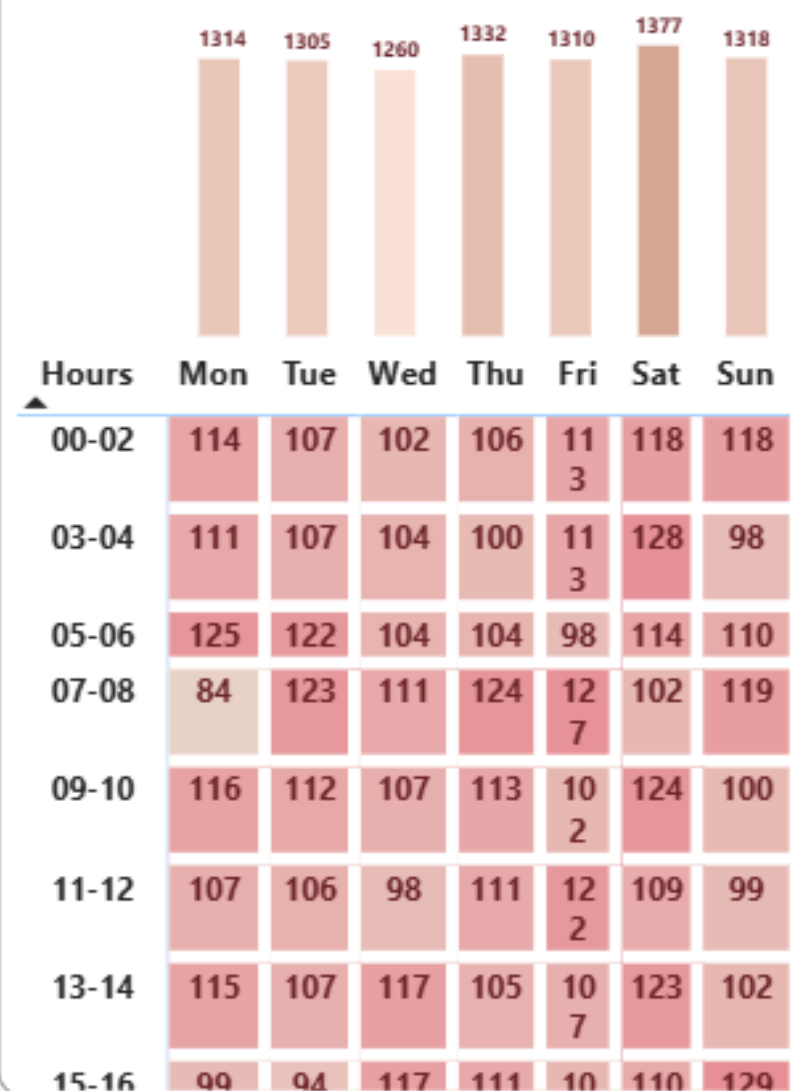


FIGURE 2 : CONSOLIDATED VIEW



# HOSPITAL EMERGENCY ROOM DASHBOARD



01-04-2023

30-10-2024

## Patient Details

Monthly View

Consolidated View

Patient Details

Key Takeaways



Patient Id	Patient Name	Patient Gender	Patient Age	Patient admin date	Patient Race	Patient 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
101-66-4553	R Odd	Female	14	30 March 2024	Two or More Races	57	General Practice	Admitted
101-85-4810	R McBoyle	Female	74	07 August 2023	White	55	None	Admitted
102-05-9716	J Addicott	Male	71	20 October 2023	Two or More Races	30	General Practice	Not Admitted
102-07-2442	C Crees	Male	35	07 October 2024	Asian	38	None	Admitted
102-20-6596	V Asson	Female	69	11 June 2024	African American	33	General Practice	Not Admitted
102-21-5953	O Annett	Female	49	14 August 2024	White	11	Orthopedics	Not Admitted
102-24-8249	A Staples	Male	2	01 March 2024	African American	27	General Practice	Not Admitted

FIGURE 3: PATIENT DETAILS





# HOSPITAL EMERGENCY ROOM DASHBOARD



01-04-2023

30-10-2024

## Patient Details

### Descriptive Analysis

(April 2023 - October 2024)

Monthly View

Consolidated View

Patient Details

Key Takeaways



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 required 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 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 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.

FIGURE 4 : KEY TAKEAWAYS