



# HOSPITAL EMERGENCY ROOM DASHBOARD

MONTHLY VIEW

Mar 2023

Year  
2023

Month Name  
Mar

Monthly View

Consolidated View

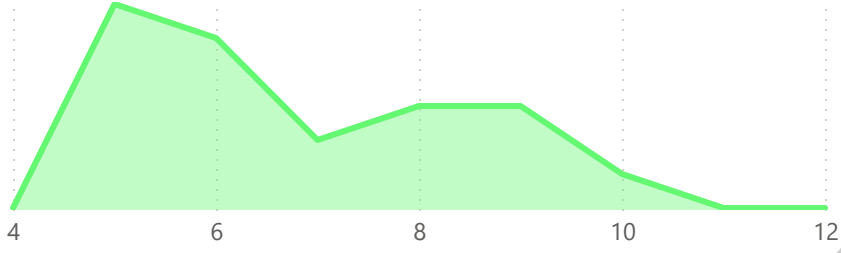
Patient Details

Key Takaways

Designed by :  
Hareesh Babu Lekkala

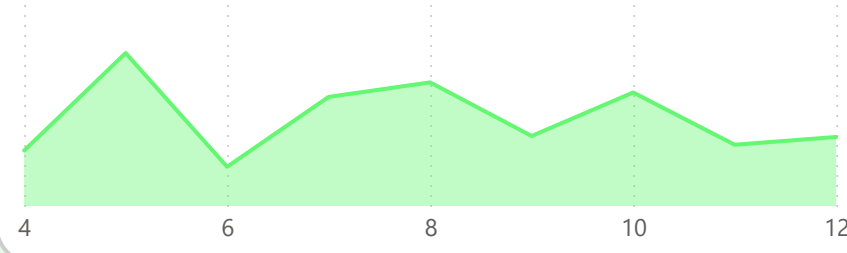
## No. of Patients

146



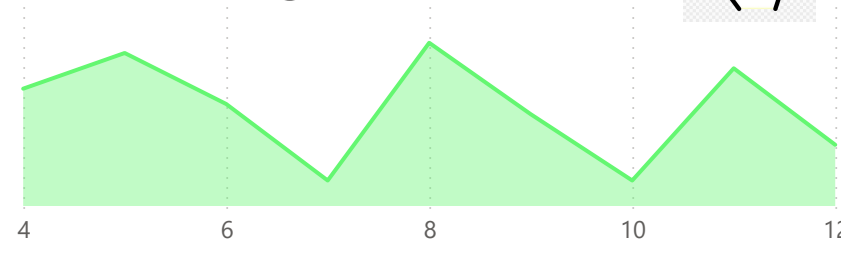
## Avg Waiting Time

36.5 Min



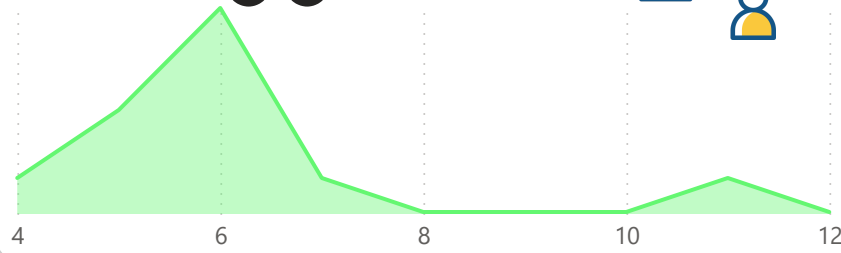
## Patient Satisfaction Score

4.78



## No. of Patients Referred

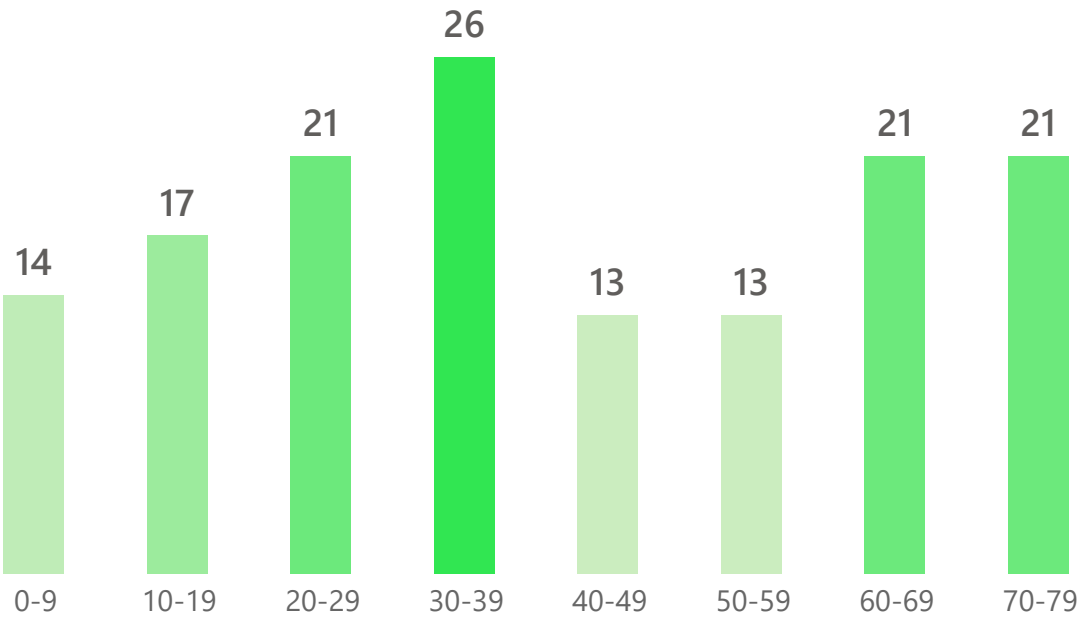
66



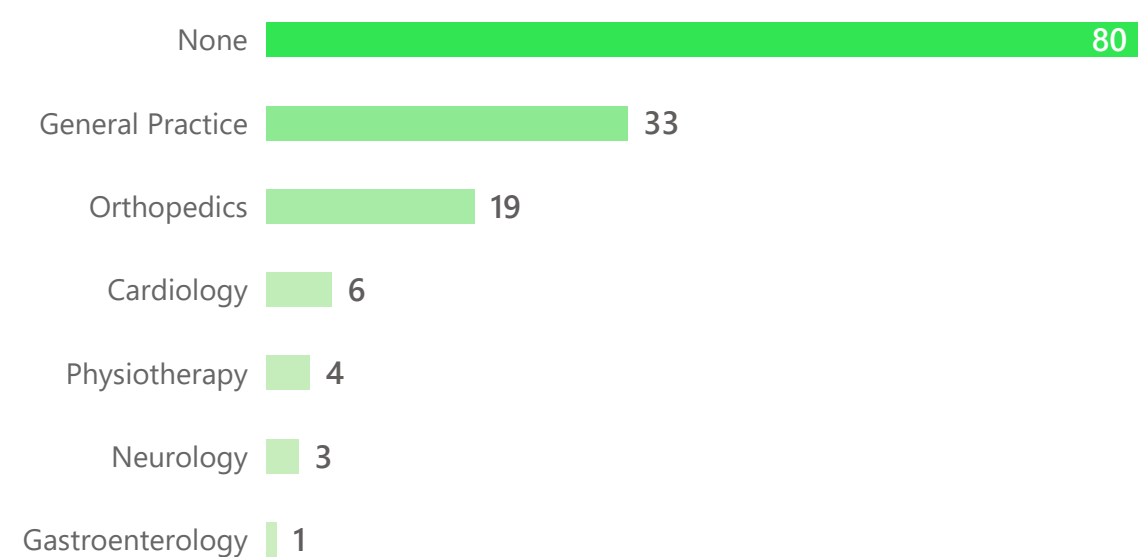
## Patient Admission Status

Admission Status	Patients	% of Total	
Not Admitted	68	46.58%	
Admitted	78	53.42%	

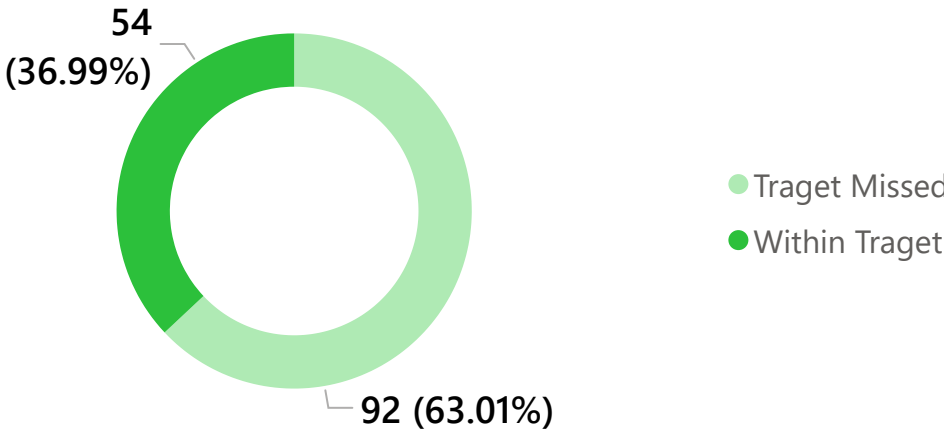
## No of Patients by Age Group



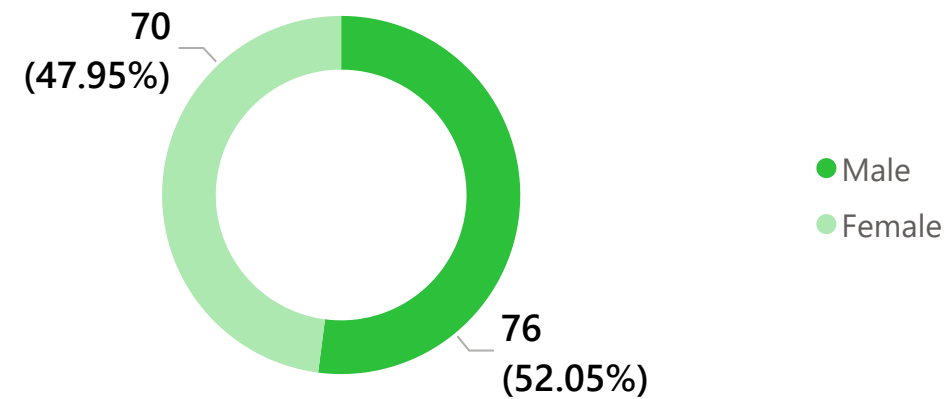
## No of Patients by Department Referral



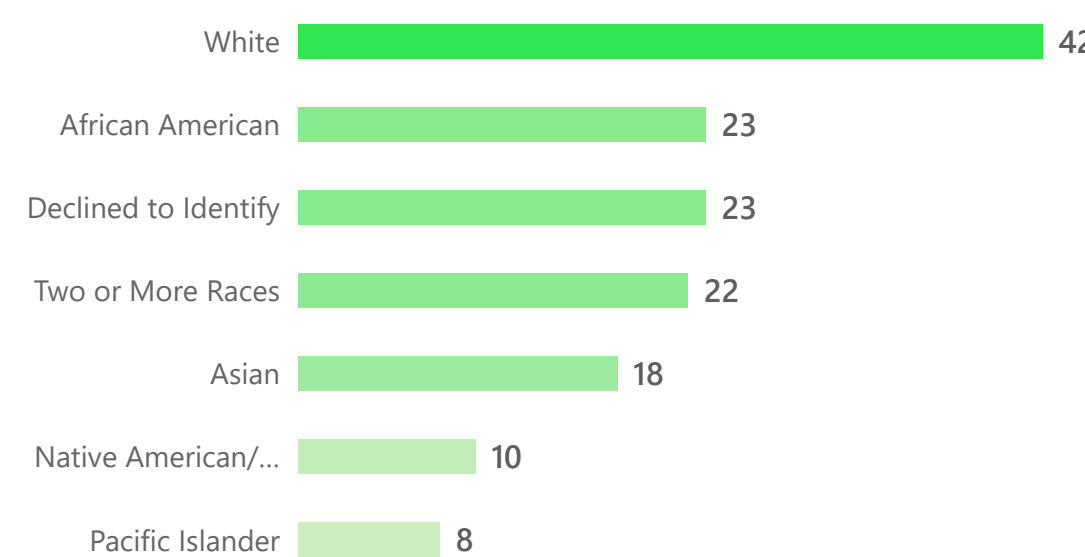
## % of Patients seen Within 30 Min



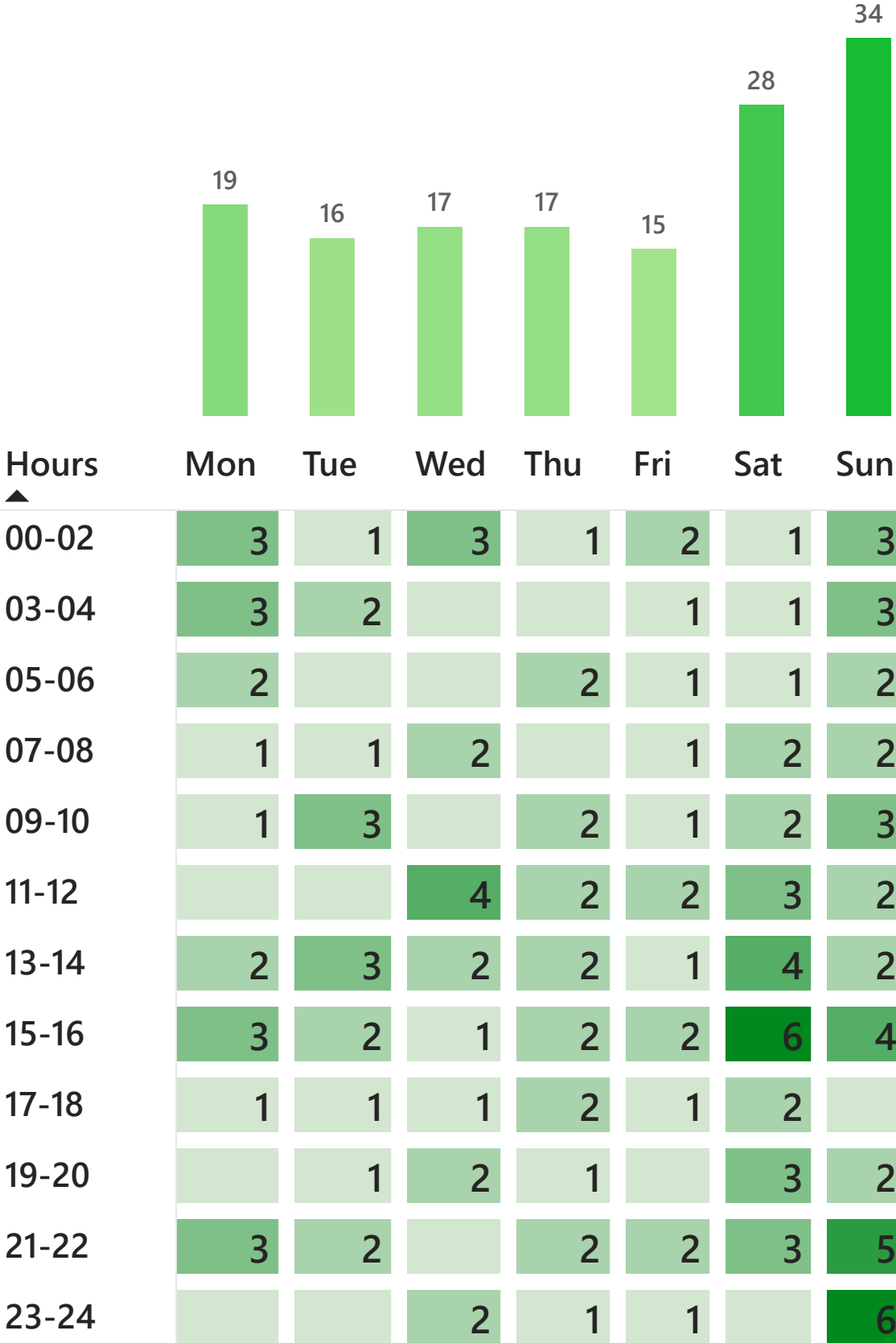
## % of Patients by Gender



## No of Patients by Patient Race



## No of Patients by Day and Hour





# HOSPITAL EMERGENCY ROOM DASHBOARD

CONSOLIDATED VIEW

1/1/2024

11/30/2024

Monthly View

Consolidated View

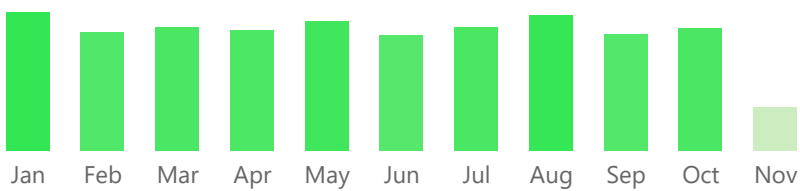
Patient Details

Key Takaways

Designed by :  
Hareesh Babu Lekkala

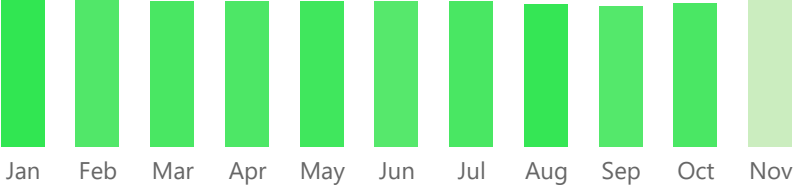
## No. of Patients

4714



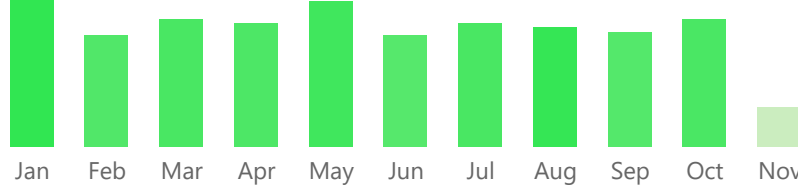
## Avg Waiting Time

35.4 Min



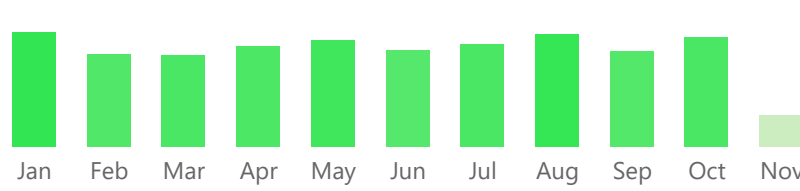
## Patient Satisfaction Score

4.95



## No. of Patients Referred

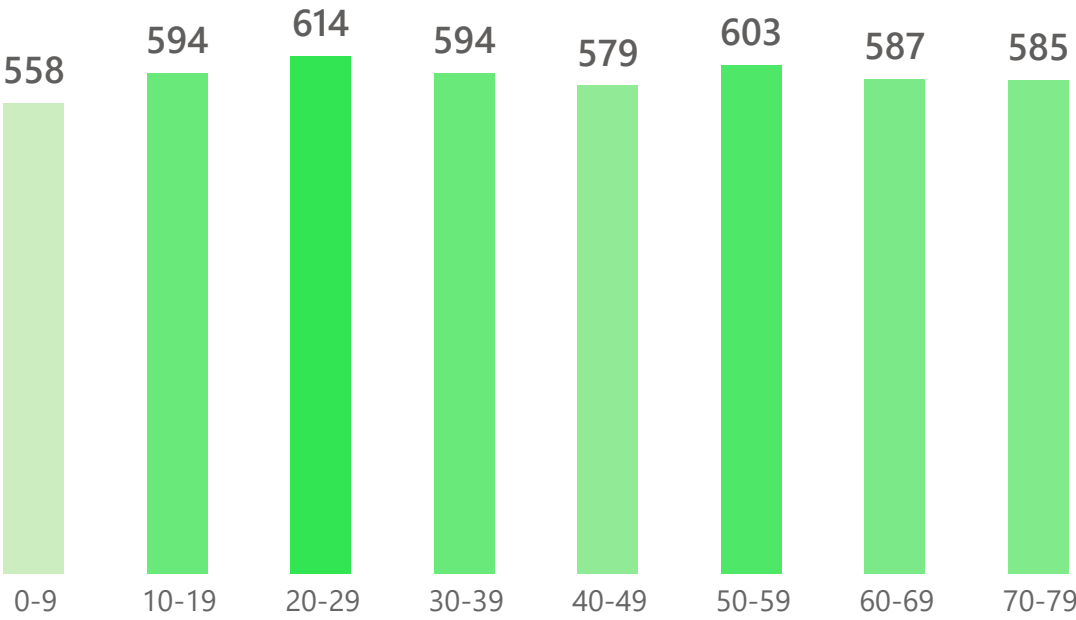
1925



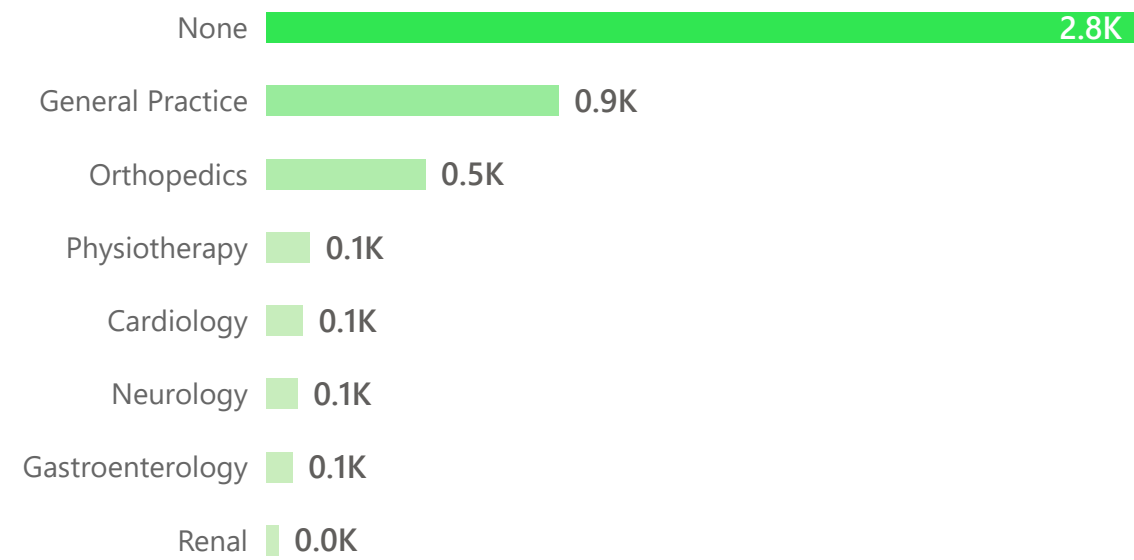
## Patient Admission Status

Admission Status	Patients	% of Total	
Not Admitted	2346	49.77%	<div></div>
Admitted	2368	50.23%	<div></div>

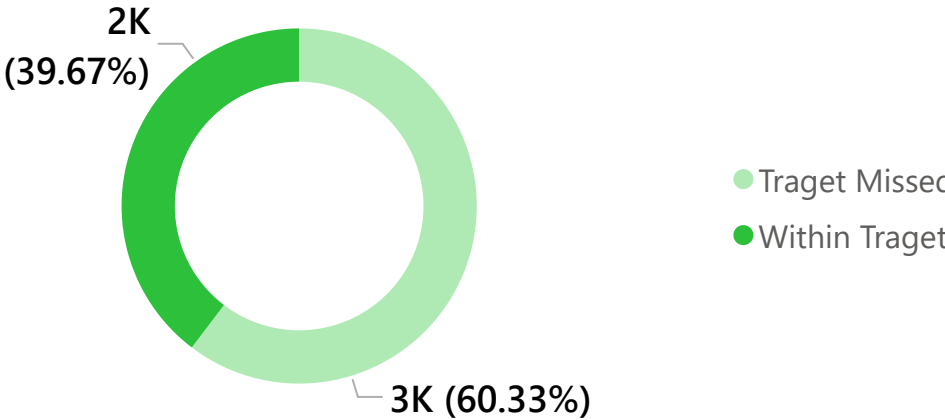
## No of Patients by Age Group



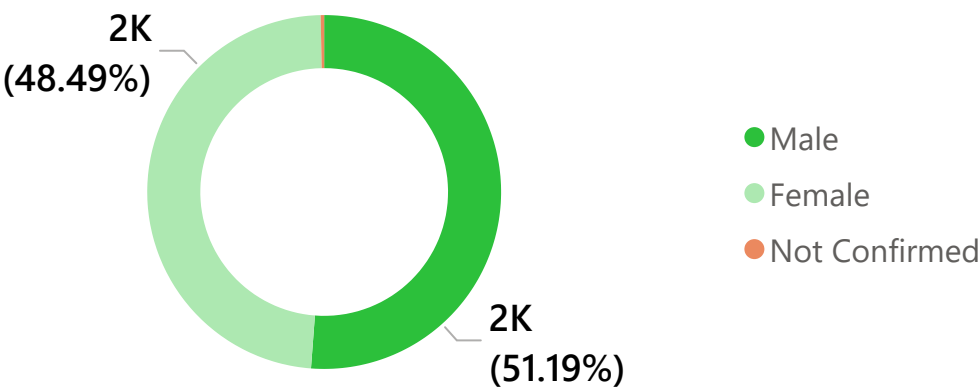
## No of Patients by Department Referral



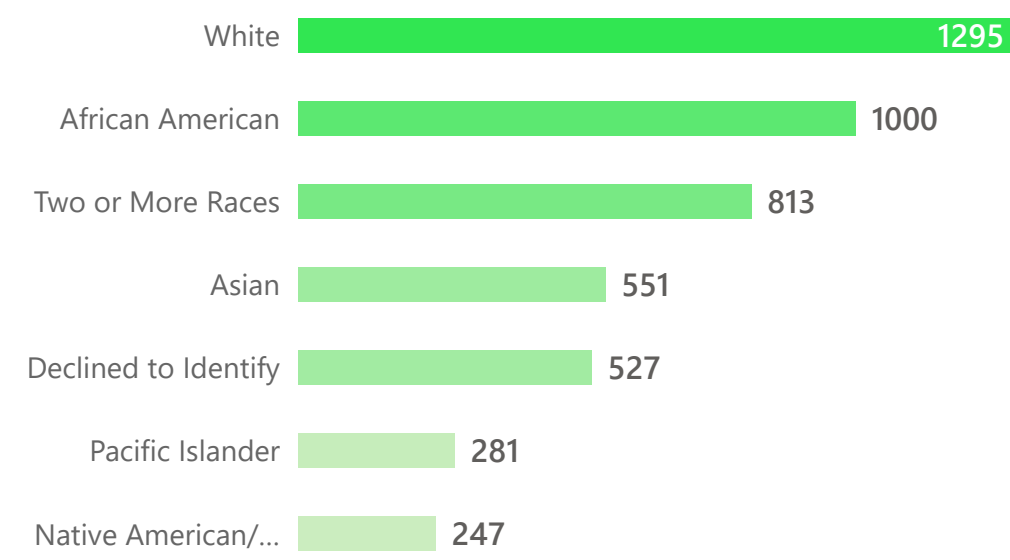
## % of Patients seen Within 30 Min



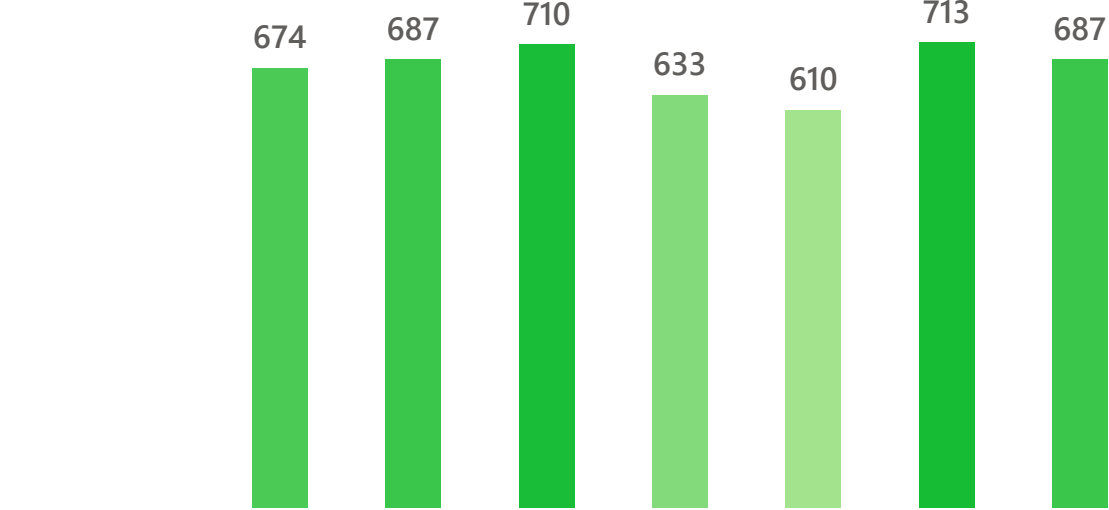
## % of Patients by Gender



## No of Patients by Patient Race



## No of Patients by Day and Hour



Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	52	54	57	47	52	58	53
03-04	58	53	58	48	57	63	49
05-06	68	61	58	49	40	65	63
07-08	53	62	60	60	59	59	56
09-10	45	65	69	59	39	65	59
11-12	65	51	64	57	42	68	52
13-14	60	56	58	46	44	53	56
15-16	55	51	58	38	56	54	73
17-18	61	63	45	68	55	56	52
19-20	53	51	53	49	55	59	53
21-22	56	50	62	52	49	47	56
23-24	48	70	68	60	62	66	65



Monthly View

Consolidated View

Patient Details

Key Takaways

# HOSPITAL EMERGENCY ROOM DASHBOARD

## PATIENTS VIEW

1/1/2024

6/30/2024

Patient Id	Patient Name	Patient Gender	Patient Age	Patient Admit Date	Patient Race	Patient Wait time	Department Referral	Admission Status
100-17-5081	V Flicker	Male	67	Sunday, January 14, 2024	African American	60	None	Not Admitted
100-21-9648	W Marran	Female	39	Wednesday, January 17, 2024	Pacific Islander	22	None	Admitted
100-34-6753	B Paulus	Male	43	Monday, May 13, 2024	Pacific Islander	25	General Practice	Admitted
100-34-9587	U Lamburn	Male	20	Thursday, January 04, 2024	Declined to Identify	24	Neurology	Not Admitted
100-66-0896	I Prickett	Male	2	Tuesday, March 26, 2024	African American	23	Orthopedics	Admitted
100-70-0071	R Downham	Male	38	Sunday, January 14, 2024	African American	57	None	Not Admitted
100-72-5705	N Dudny	Female	60	Wednesday, June 19, 2024	African American	45	None	Admitted
100-79-0109	P Ulyatt	Female	19	Tuesday, February 27, 2024	Pacific Islander	36	Neurology	Admitted
101-35-3930	W Andreotti	Female	30	Wednesday, January 24, 2024	White	25	None	Admitted
101-60-5189	G Georger	Female	45	Monday, April 08, 2024	White	43	None	Not Admitted
101-66-4553	R Odd	Female	14	Saturday, March 30, 2024	Two or More Races	57	General Practice	Admitted
102-24-8249	A Staples	Male	2	Wednesday, January 03, 2024	African American	27	General Practice	Not Admitted
102-54-1653	J Mowson	Female	50	Saturday, April 27, 2024	African American	51	Orthopedics	Not Admitted
102-60-4609	Y Rutt	Female	52	Wednesday, January 17, 2024	Declined to Identify	60	General Practice	Not Admitted
102-73-6494	M Wogdon	Male	65	Saturday, January 13, 2024	Two or More Races	59	None	Not Admitted
102-85-6993	A McCumskay	Male	67	Sunday, March 24, 2024	African American	30	None	Not Admitted
102-93-0960	F Lyddiard	Female	47	Sunday, April 28, 2024	Declined to Identify	35	General Practice	Not Admitted
103-34-3477	B Meanwell	Male	25	Thursday, April 18, 2024	African American	34	None	Not Admitted
103-36-3561	U Shuttlewood	Male	17	Saturday, May 18, 2024	African American	49	Physiotherapy	Admitted
103-94-9474	S Ronald	Female	68	Saturday, March 09, 2024	African American	30	Orthopedics	Admitted
104-61-0458	I Licciardo	Male	46	Tuesday, March 26, 2024	Declined to Identify	45	General Practice	Not Admitted
105-30-2335	E Pinnell	Female	13	Monday, May 20, 2024	White	38	Orthopedics	Admitted
105-85-2242	J Enos	Male	27	Wednesday, March 27, 2024	African American	33	None	Not Admitted
106-06-0564	Q Mountlow	Male	16	Sunday, January 14, 2024	Declined to Identify	22	Orthopedics	Admitted
106-19-1978	V Course	Female	34	Thursday, June 06, 2024	Two or More Races	21	General Practice	Admitted
106-25-8604	J Ebbins	Female	35	Thursday, June 13, 2024	White	59	None	Admitted



Monthly View

Consolidated View

Patient Details

Key Takaways

# 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 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 Aslan (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.