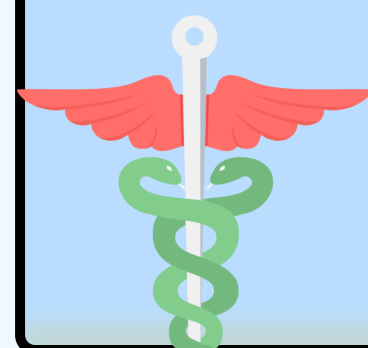




# HOSPITAL EMERGENCY ROOM DASHBOARD



Prepared by : Sagar Sharma





# HOSPITAL EMERGENCY ROOM DASHBOARD



MONTHLY VIEW

Apr 2024

Year

2024

Month Name

Apr

No. of Patients

469



Avg. Wait Time

35.0 Min



Patient Satisfaction Score

4.63



No. of Patient Referred

185



Home

Monthly View

Consolidated View

Patient Details

Key Takeaways



Patient Admission Status

Admission Status Patients % of Total

Not Admitted

252

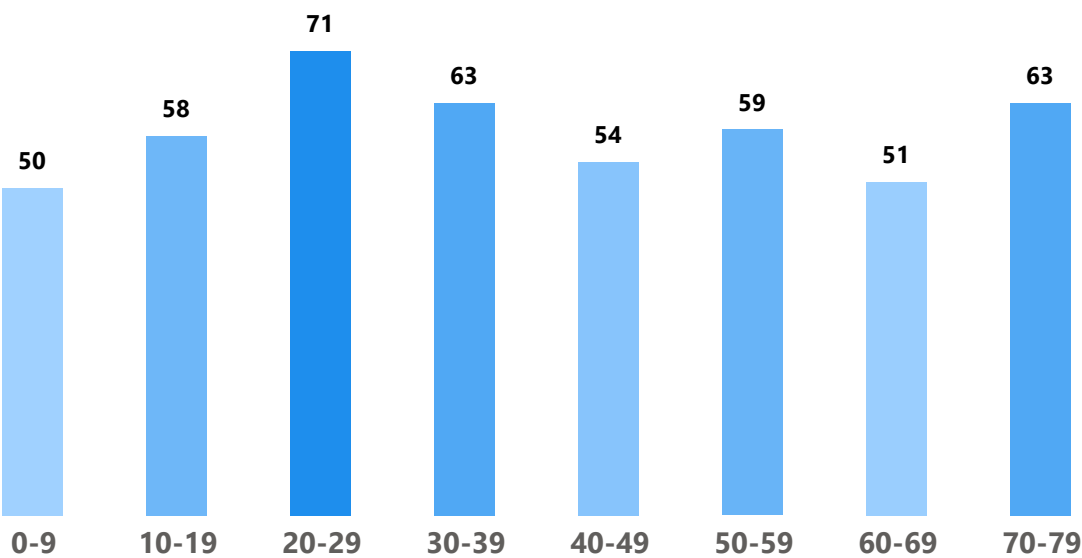
54%

Admitted

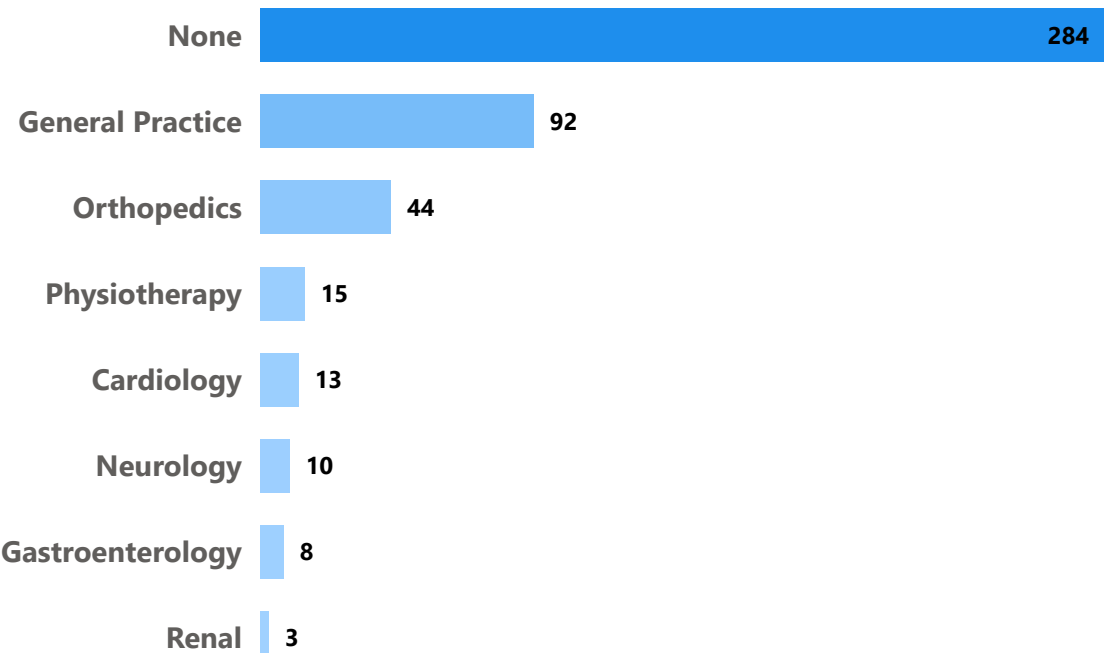
217

46%

No of Patients by Age Group



No of Patients by Department Referral



% of Patients seen Within 30 Min

201 (42.86%)

268 (57.14%)

Target Missed  
Within Target

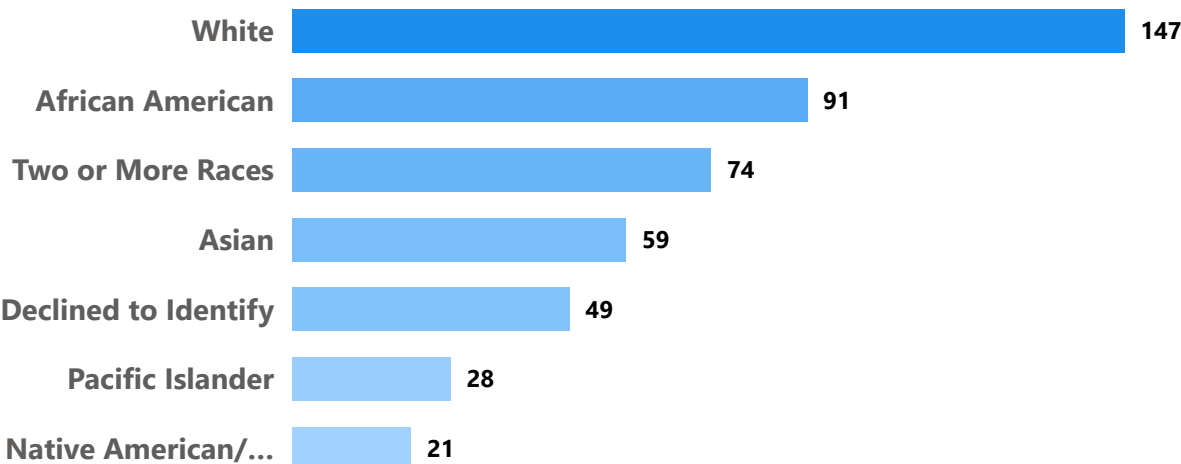
No of Patients by Gender

226 (48.19%)

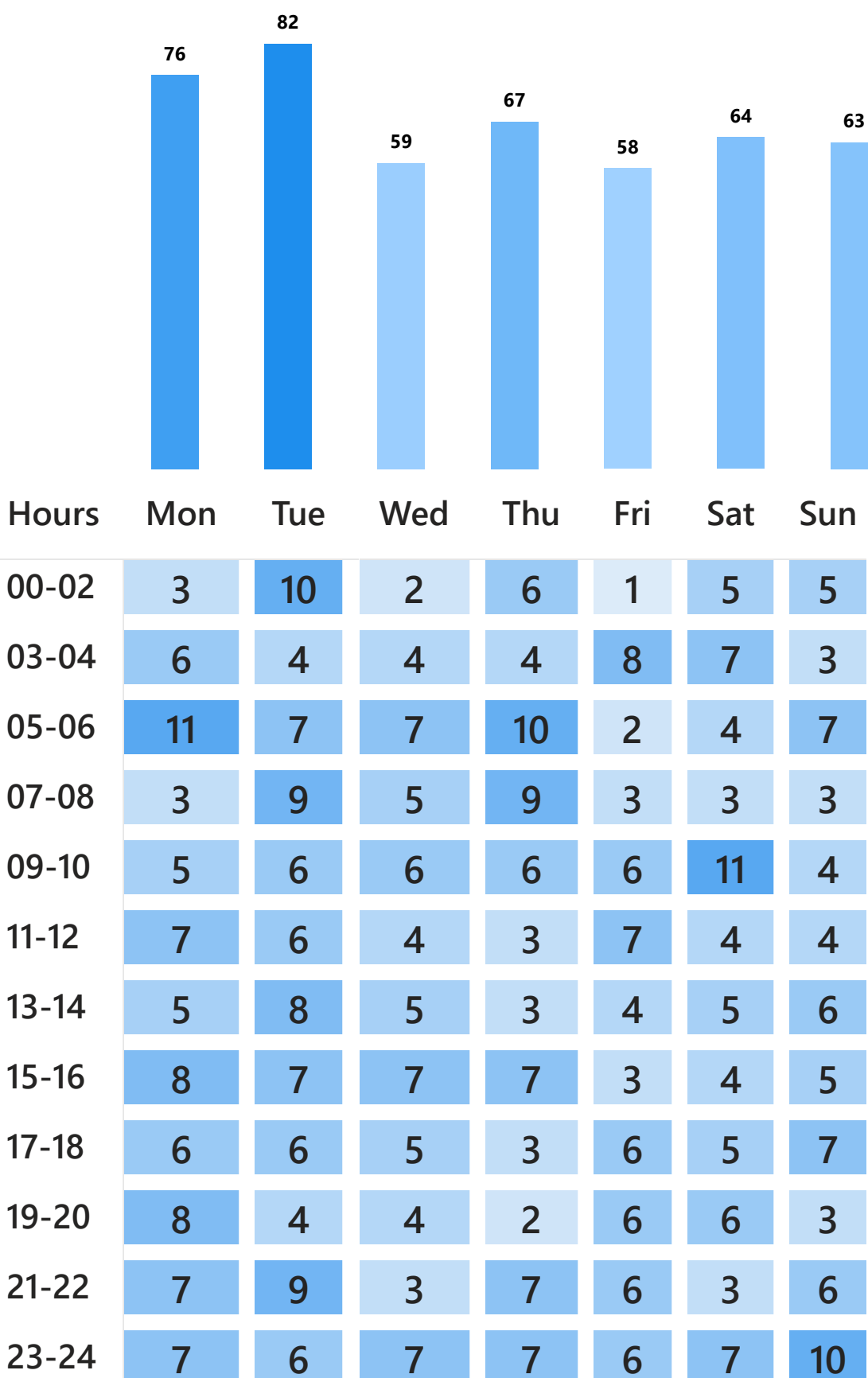
2 (0.43%)

Female  
Male  
Not Confirmed

No of Patients by Patient Race



No of Patients by Day & Hour





# HOSPITAL EMERGENCY ROOM DASHBOARD

CONSOLIDITED VIEW

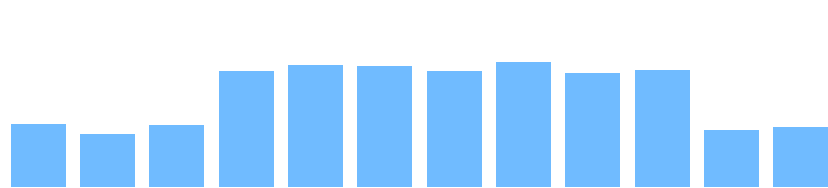


4/1/2023

10/30/2024

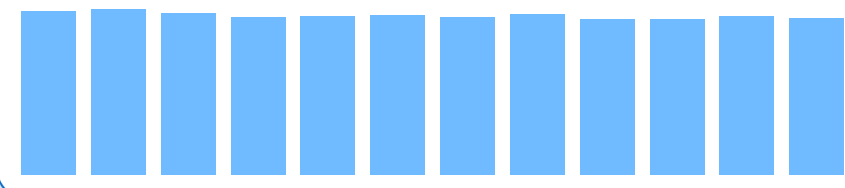
No. of Patients

9216



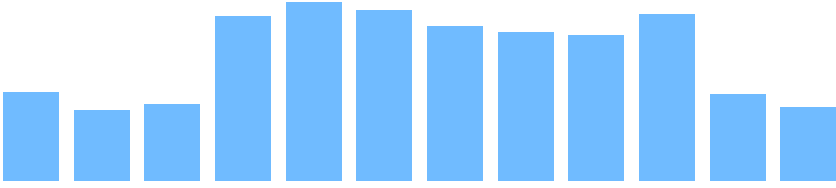
Avg. Wait Time

35.3 Min



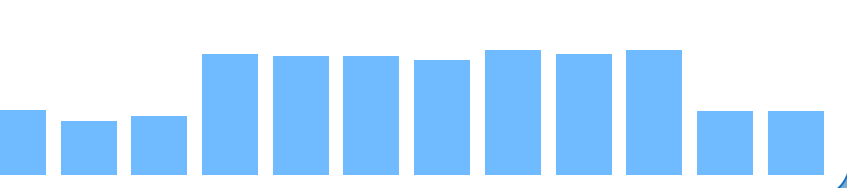
Patient Satisfaction Score

4.99



No. of Patient Referred

3816



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Patient Details

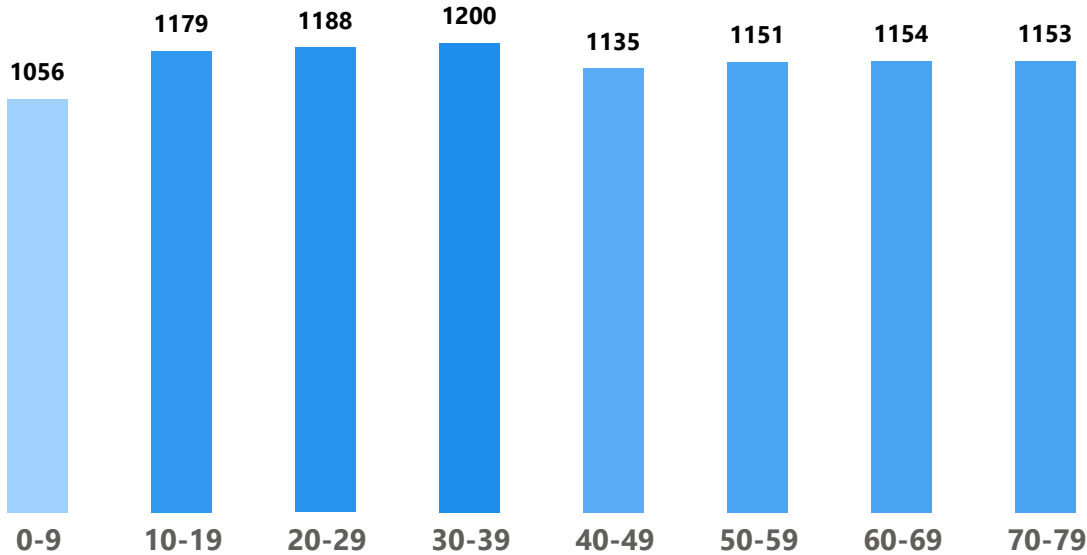
Key Takeaways

Patient Admission Status

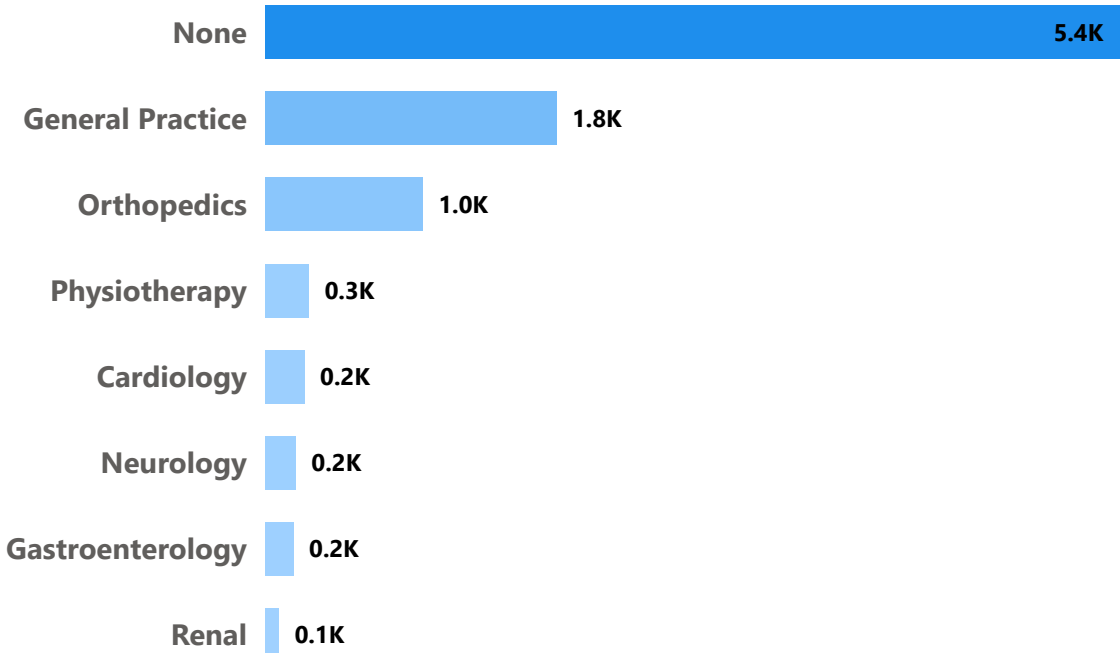
Admission Status Patients % of Total

Admitted	4612	50%	
Not Admitted	4604	50%	

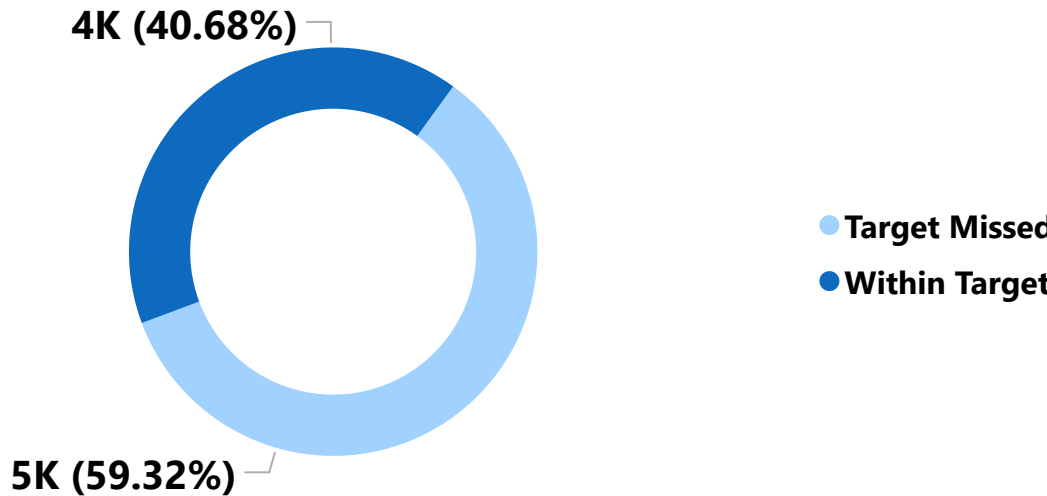
No of Patients by Age Group



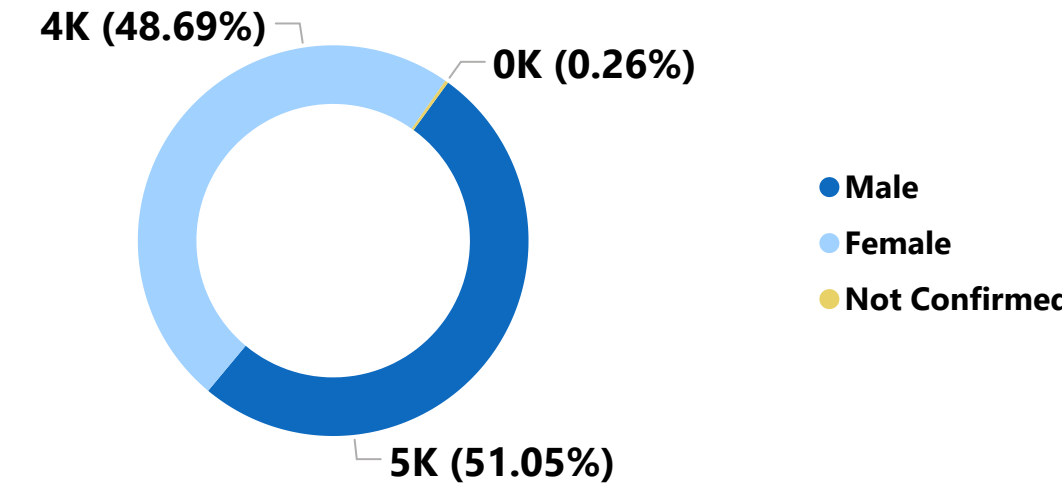
No of Patients by Department Referral



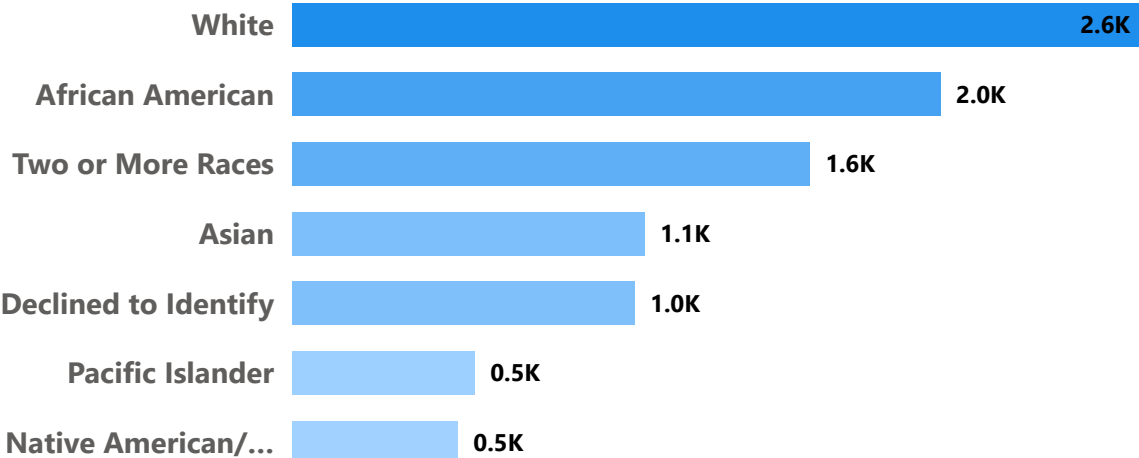
% of Patients seen Within 30 Min



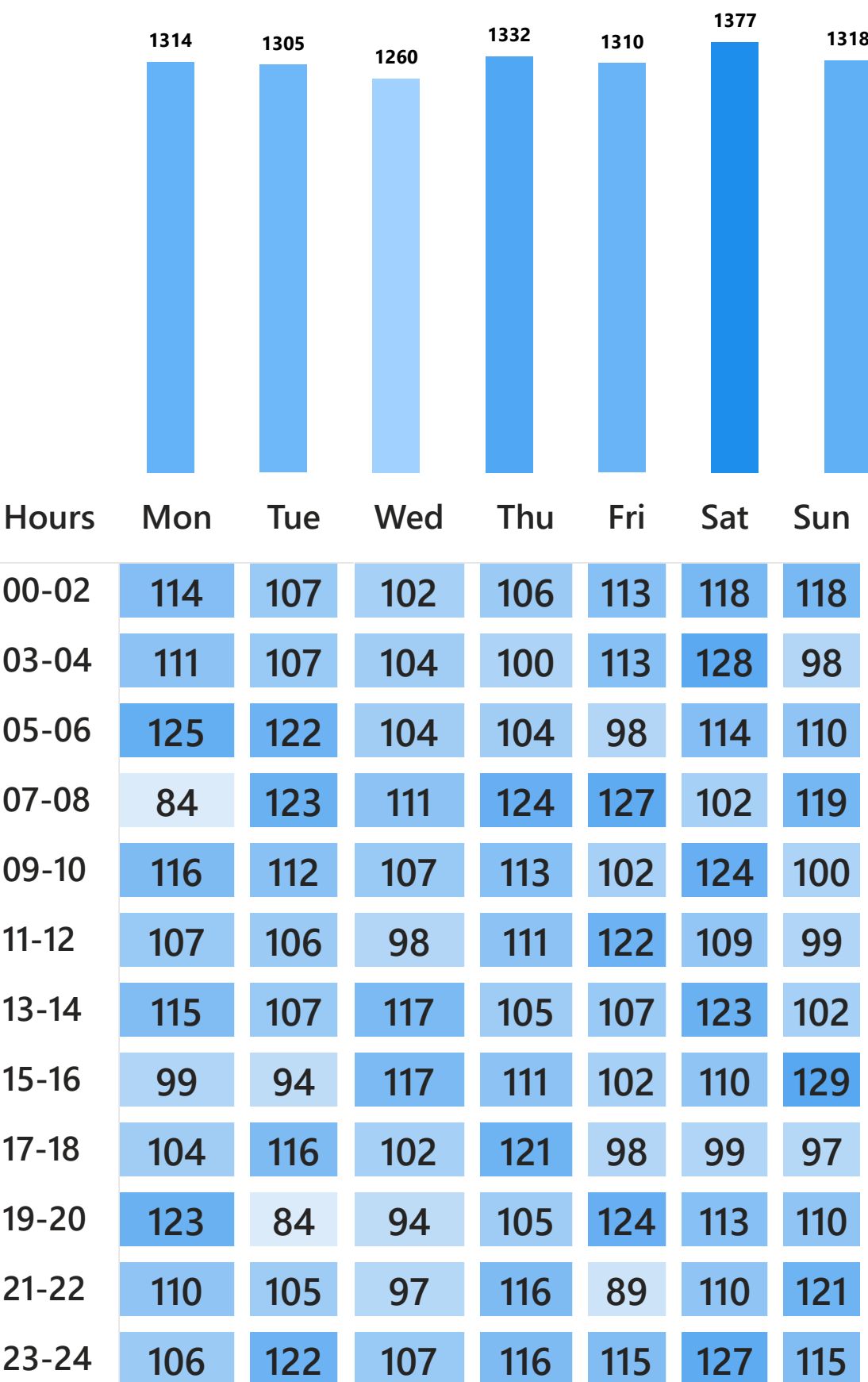
No of Patients by Gender




No of Patients by Patient Race



No of Patients by Day & Hour





Home

Monthly View

Consolidated View

Patient Details

Key Takeaways

# HOSPITAL EMERGENCY ROOM DASHBOARD

4/1/2023

10/30/2024

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	4 April, 2023	White	16	None	Not Admitted
100-17-5081	V Flicker	Male	67	14 January, 2024	African American	60	None	Not Admitted
100-34-9587	U Lamburn	Male	20	1 April, 2024	Declined to Identify	24	Neurology	Not Admitted
100-40-2709	O Cammack	Male	77	8 May, 2024	White	48	None	Not Admitted
100-66-8222	F Mullane	Female	65	23 December, 2023	Asian	17	General Practice	Not Admitted
100-70-0071	R Downham	Male	38	14 January, 2024	African American	57	None	Not Admitted
100-74-5636	A Warwicker	Female	47	13 August, 2024	Declined to Identify	25	None	Not Admitted
100-84-7203	K Ybarra	Female	37	13 June, 2023	White	55	None	Not Admitted
101-60-5189	G Georger	Female	45	4 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
102-05-9716	J Addicott	Male	71	20 October, 2023	Two or More Races	30	General Practice	Not 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	1 March, 2024	African American	27	General Practice	Not Admitted
102-43-8026	W Parker	Male	27	7 August, 2023	White	13	Orthopedics	Not Admitted
102-54-1653	J Mowson	Female	50	27 April, 2024	African American	51	Orthopedics	Not Admitted
102-60-4609	Y Rutt	Female	52	17 January, 2024	Declined to Identify	60	General Practice	Not Admitted
102-73-6494	M Wogdon	Male	65	13 January, 2024	Two or More Races	59	None	Not Admitted
102-85-6993	A McCumskay	Male	67	24 March, 2024	African American	30	None	Not Admitted
102-93-0960	F Lyddiard	Female	47	28 April, 2024	Declined to Identify	35	General Practice	Not Admitted
103-04-9687	E Finby	Male	48	23 December, 2023	African American	29	None	Not Admitted
103-26-4528	D Ambrozewicz	Male	60	29 July, 2024	Declined to Identify	16	None	Not Admitted
103-34-3477	B Meanwell	Male	25	18 April, 2024	African American	34	None	Not Admitted
103-73-6870	Q Pickston	Male	15	24 October, 2023	African American	22	None	Not Admitted
103-81-2792	H Ollie	Male	73	30 October, 2024	White	51	None	Not Admitted
103-89-7991	U Cranmore	Female	74	11 April, 2024	Pacific Islander	34	Physiotherapy	Not Admitted





# 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 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 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 (99S Cases), followed by Physiotherapy (276 Cases) and Cardiology 1248 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 White (2571), followed 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 parent 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.

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Monthly View

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Patient Details

Key Takeways