



# HOSPITAL EMERGENCY ROOM DASHBOARD

Year

2023

Month Name

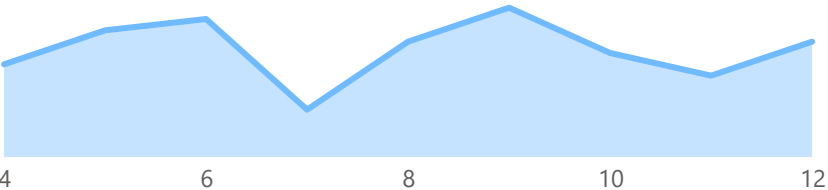
February

MONTHLY VIEW

February 2023

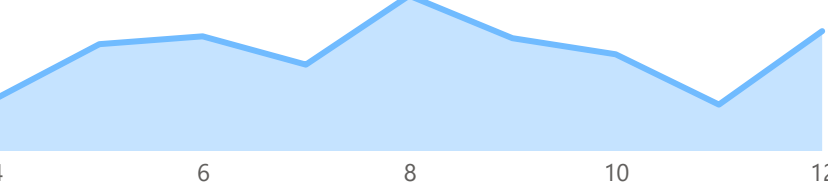
No of Patients

129



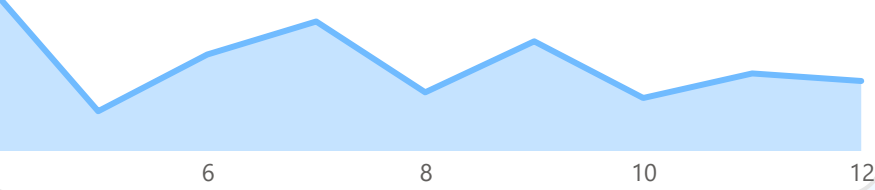
Avg Wait Time

33.8 Min



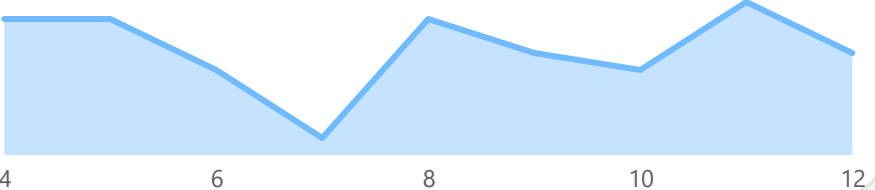
Patient Satisfaction Score

4.90



No of Patients Referred

56



Monthly View

Consolidated View

Patient Details

Key Takeaways

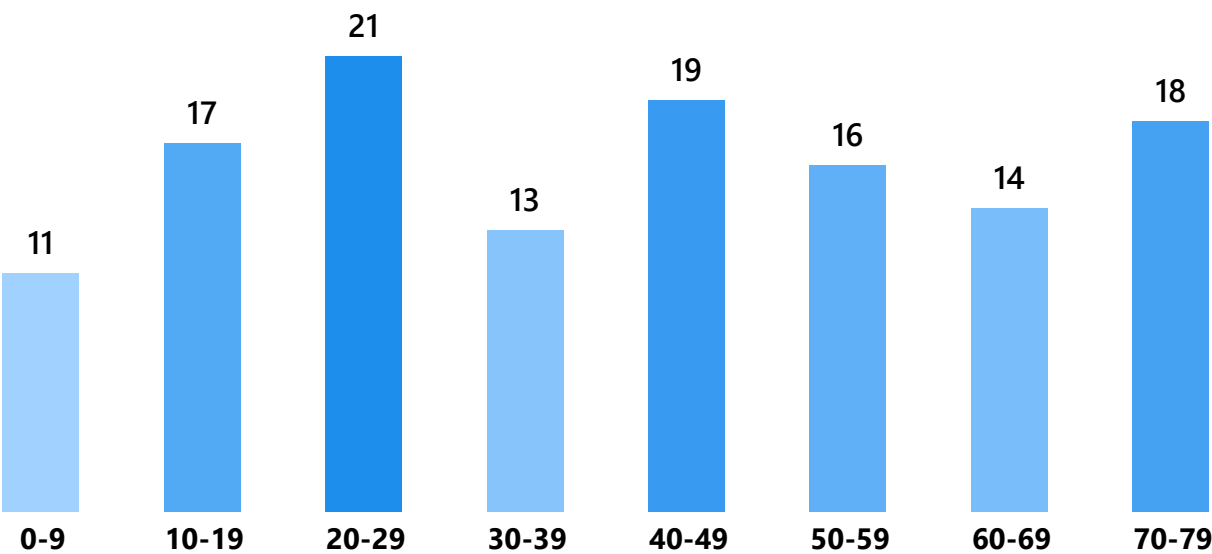
Patient Admission Status

Admission Status Patients % of Total

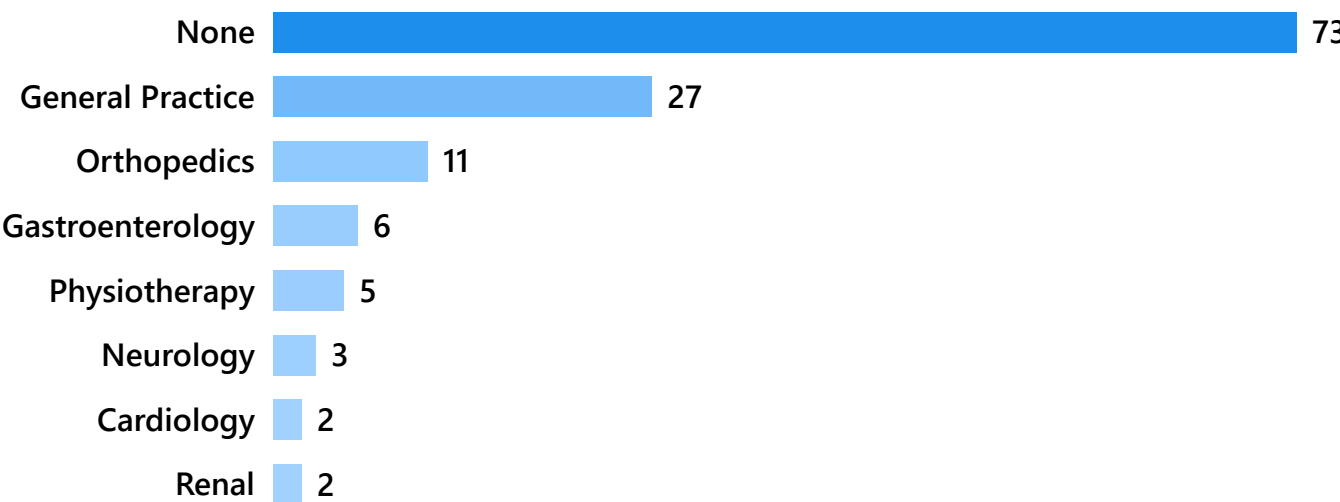
Admitted 64 49.61%

Not Admitted 65 50.39%

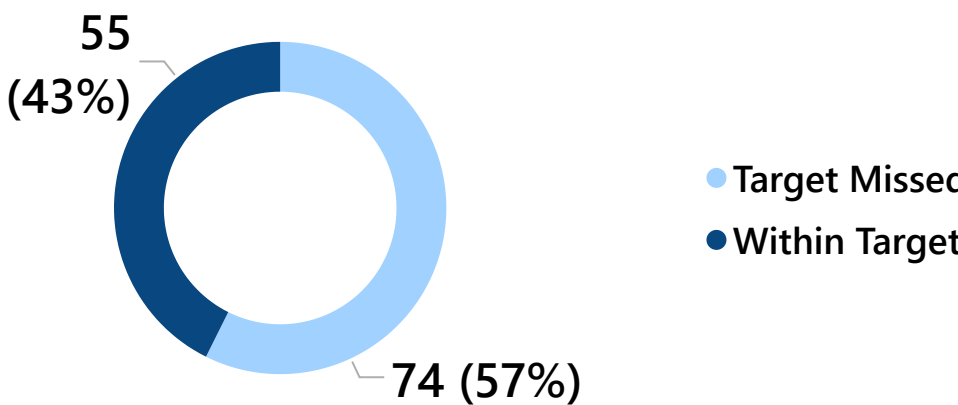
No of Patient by Age Group



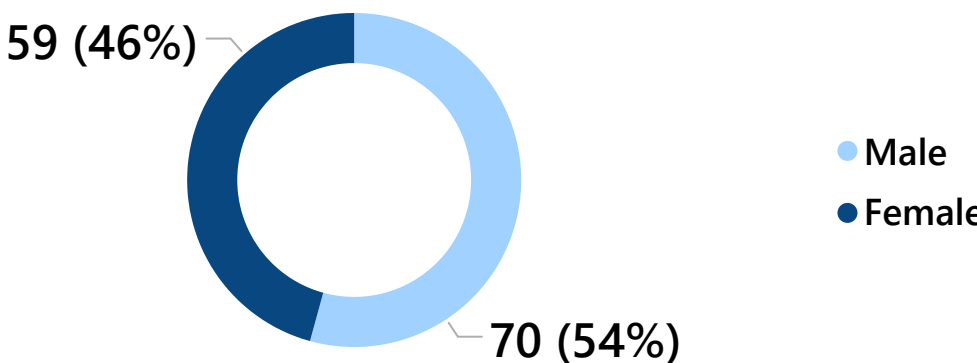
No of Patient by Department Referral



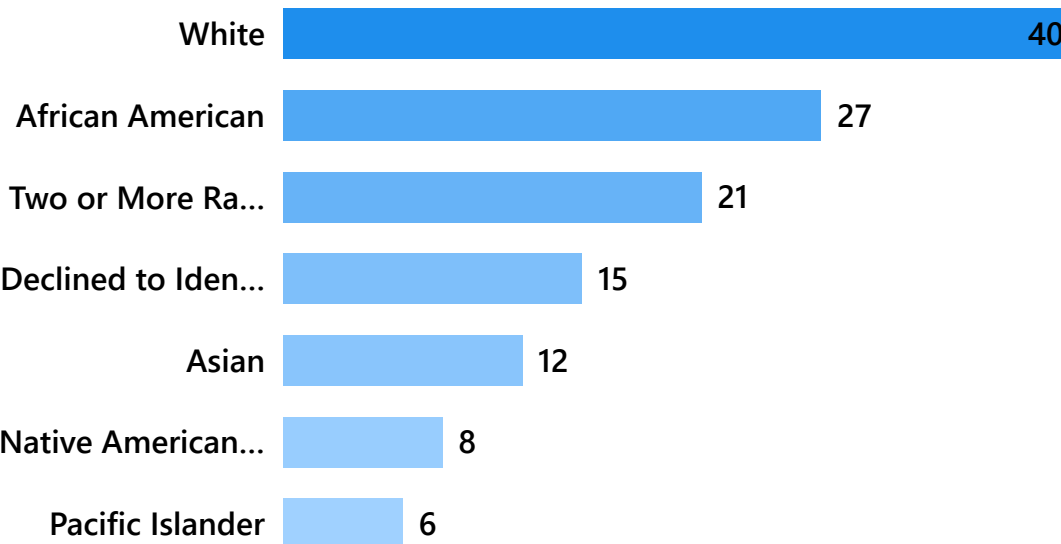
No of Patient by Wait Time Status



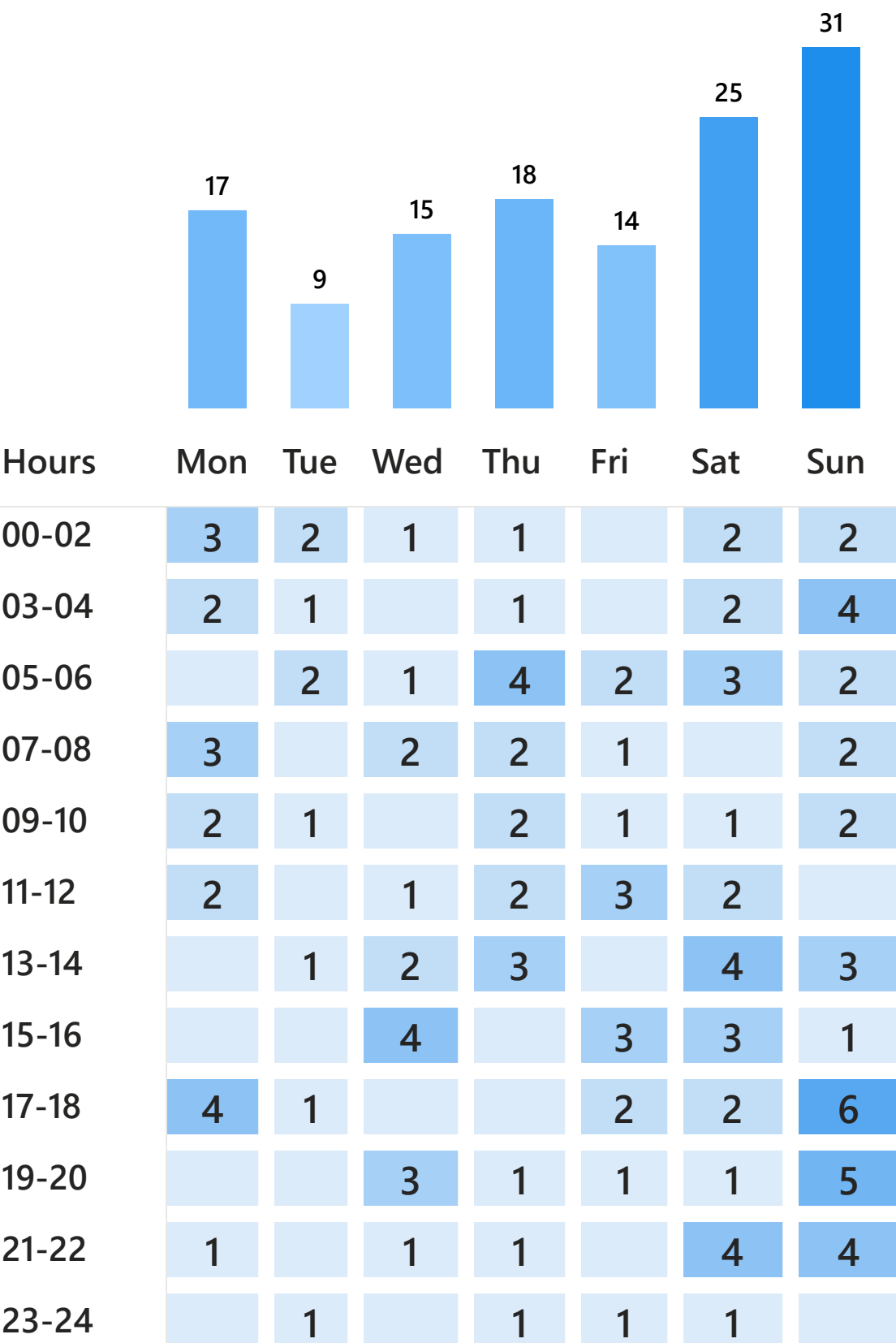
No of Patient by Patient Gender



No of Patient by Patient Race



No of Patient by Day and Hour





# HOSPITAL EMERGENCY ROOM DASHBOARD

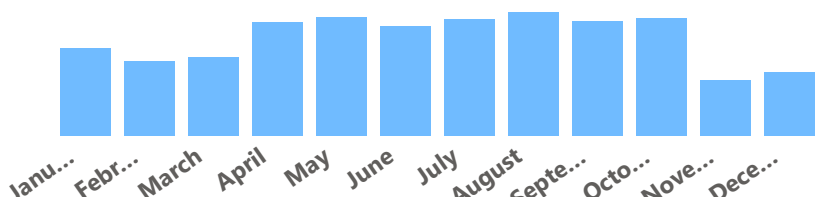
## CONSOLIDATED VIEW

1/4/2023

10/30/2024

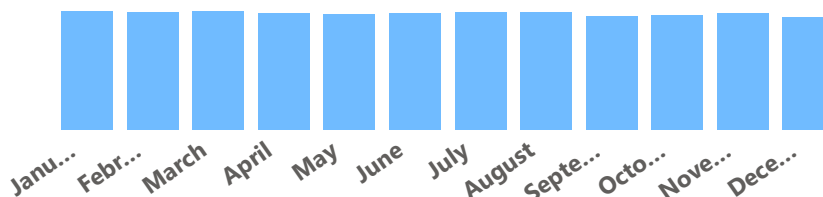
No of Patients

8892



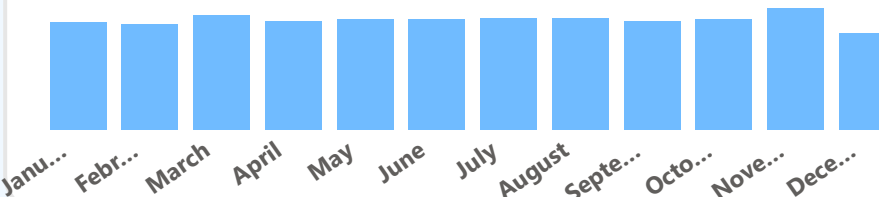
Avg Wait Time

35.2 Min



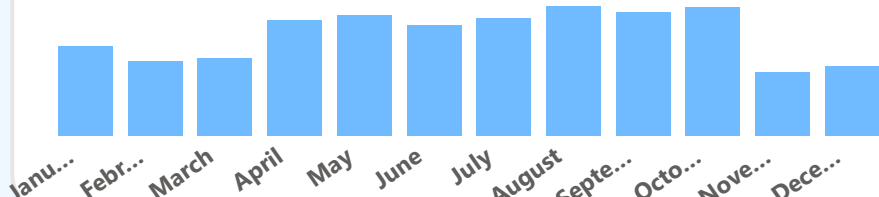
Patient Satisfaction Score

4.99



No of Patients Referred

3692



Monthly View

Consolidated View

Patient Details

Key Takeaways

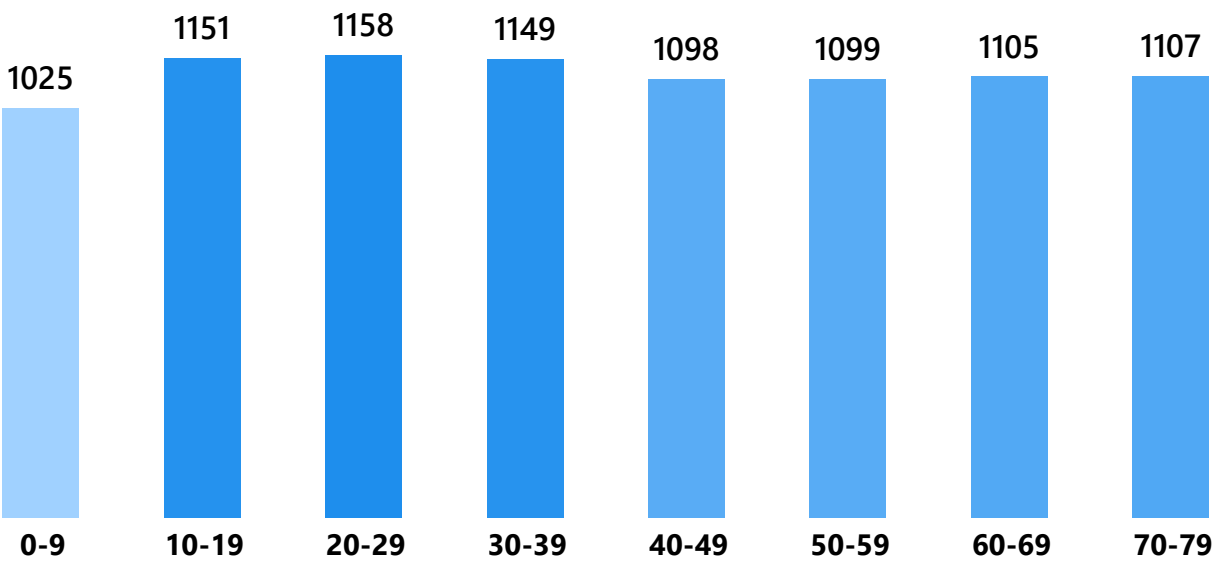
Patient Admission Status

Admission Status Patients % of Total

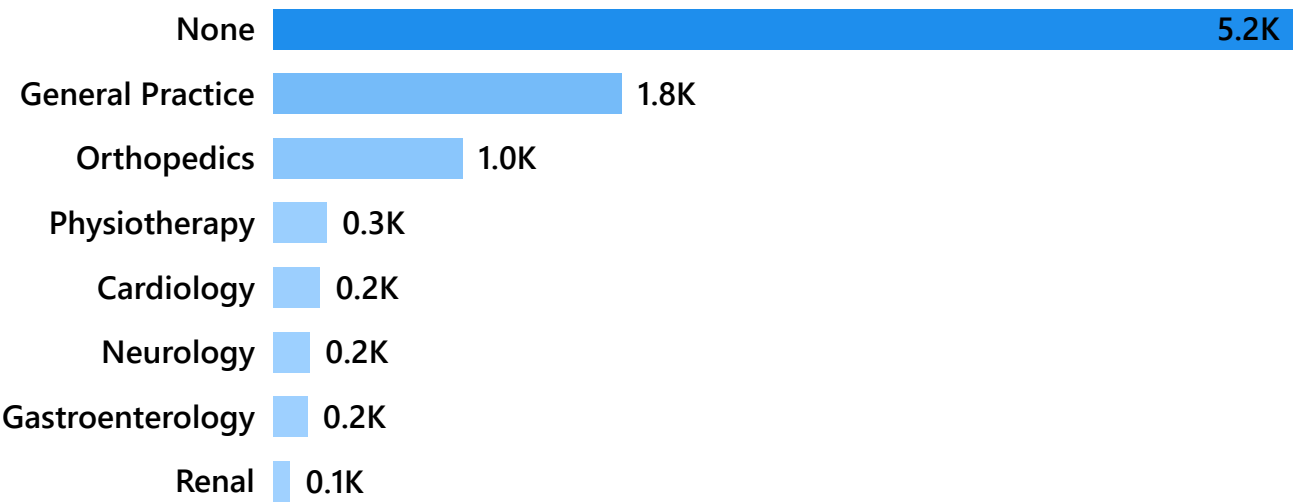
Admitted 4443 49.97%

Not Admitted 4449 50.03%

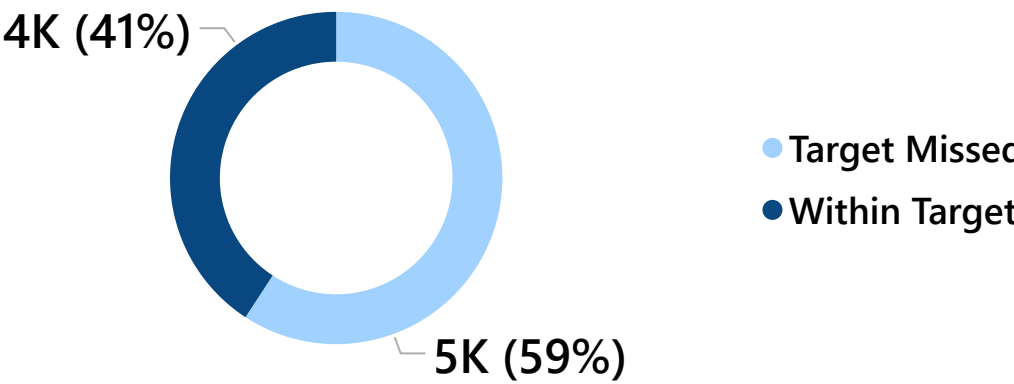
No of Patient by Age Group



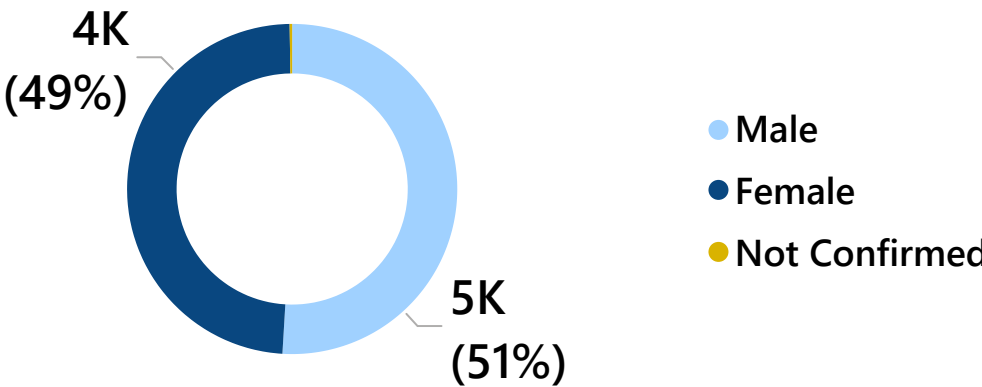
No of Patient by Department Referral



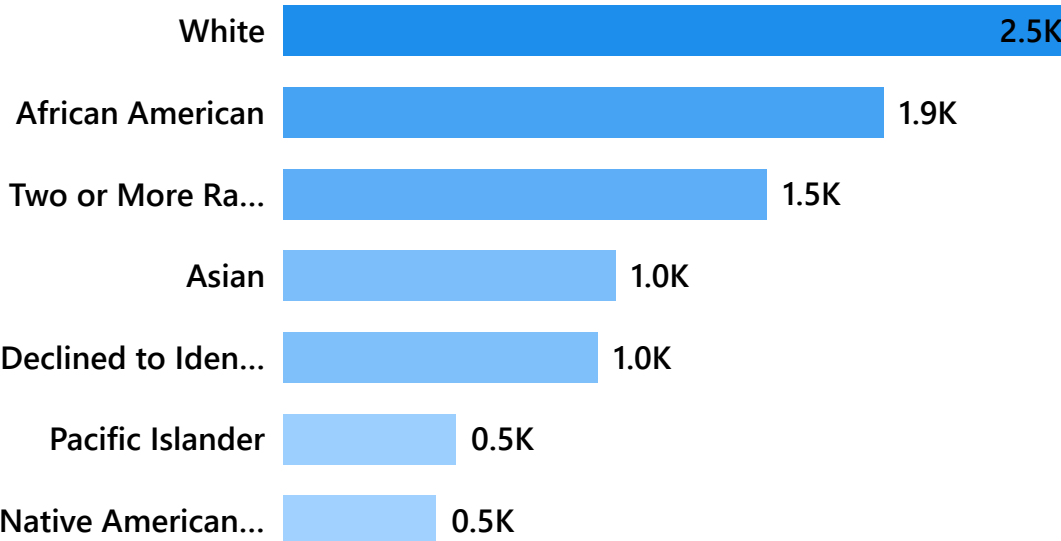
No of Patient by Wait Time Status



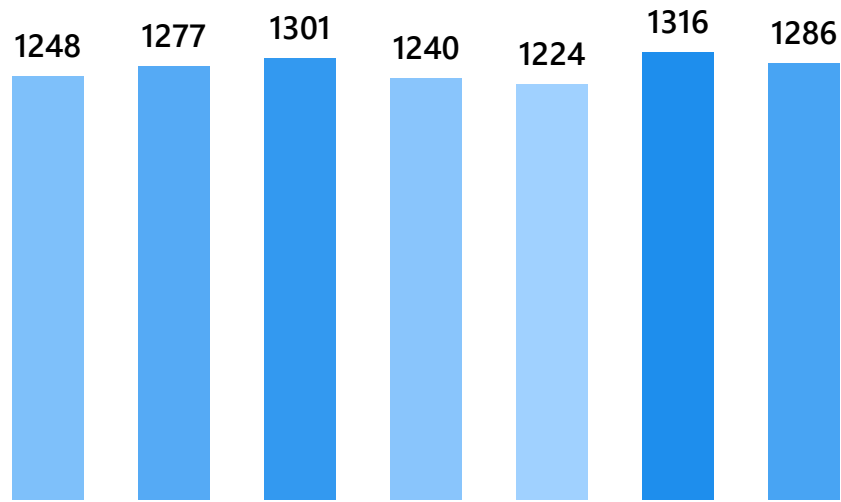
No of Patient by Patient Gender



No of Patient by Patient Race



No of Patient by Day and Hour



Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	101	106	110	91	117	109	112
03-04	101	112	101	92	108	127	98
05-06	118	120	106	106	89	113	101
07-08	99	117	122	119	109	91	100
09-10	98	113	117	107	88	113	102
11-12	108	99	109	102	97	118	94
13-14	113	105	110	92	105	123	98
15-16	100	94	113	92	102	110	135
17-18	108	110	85	111	105	93	104
19-20	97	88	96	113	109	107	111
21-22	111	96	99	110	89	95	122
23-24	94	117	133	105	106	117	109

# HOSPITAL EMERGENCY ROOM DASHBOARD

## PATIENT DETAILS

Department

Neurology

4/1/2023

10/30/2024

Patient Id	Patient Full Name	Patient Gender	Sum of Patient Age	Year	Quarter	Month	Day	Patient Race	Sum of Patient Waittime	Department Referral	Admission Status
100-34-9587	U Lamburn	Male	20	2024	Qtr 1	January	4	Declined to Identify	24	Neurology	Not Admitted
100-79-0109	P Ulyatt	Female	19	2024	Qtr 1	February	27	Pacific Islander	36	Neurology	Admitted
108-25-6001	T Snedker	Female	10	2024	Qtr 2	June	8	White	11	Neurology	Admitted
109-39-8231	G Truse	Female	5	2023	Qtr 3	August	25	African American	48	Neurology	Not Admitted
123-30-8939	V Nuzzti	Female	61	2024	Qtr 3	July	30	Pacific Islander	25	Neurology	Admitted
123-43-5587	S Chrystal	Male	26	2024	Qtr 4	October	30	Two or More Races	36	Neurology	Admitted
128-05-1579	T MacCarrick	Female	30	2023	Qtr 3	September	6	White	56	Neurology	Not Admitted
132-83-6895	E Wickes	Male	67	2024	Qtr 3	September	6	African American	20	Neurology	Not Admitted
137-31-2631	J McCluin	Female	16	2024	Qtr 2	May	16	Two or More Races	12	Neurology	Admitted
138-11-0080	M Heenan	Female	78	2024	Qtr 1	February	4	Asian	23	Neurology	Not Admitted
140-30-2555	L Vasilchenko	Female	19	2024	Qtr 1	February	16	White	58	Neurology	Not Admitted
140-55-8447	H Valasek	Male	3	2024	Qtr 2	May	18	White	53	Neurology	Not Admitted
141-47-3493	Y Whardley	Male	9	2024	Qtr 3	July	6	Declined to Identify	54	Neurology	Admitted
143-73-5607	T Kender	Male	64	2023	Qtr 2	June	17	Declined to Identify	45	Neurology	Not Admitted
154-31-5563	U Luca	Female	55	2023	Qtr 4	October	31	African American	34	Neurology	Admitted
158-13-3727	Z Karpmann	Female	70	2023	Qtr 3	September	22	White	30	Neurology	Not Admitted
185-30-2557	J Riddel	Male	59	2024	Qtr 3	August	8	White	36	Neurology	Admitted
185-95-8729	B Tayloe	Male	69	2024	Qtr 1	March	5	African American	57	Neurology	Not Admitted
187-33-8018	T Reeks	Male	10	2024	Qtr 1	January	7	Asian	42	Neurology	Not Admitted
188-23-0231	N Greensite	Female	58	2023	Qtr 2	April	12	African American	55	Neurology	Admitted
192-58-1232	Q Gleadhell	Female	27	2023	Qtr 2	June	26	Two or More Races	42	Neurology	Not Admitted
196-92-5233	L Kellert	Female	71	2024	Qtr 4	October	18	Pacific Islander	42	Neurology	Admitted
213-62-4409	Y Chinge	Male	44	2023	Qtr 3	July	31	Pacific Islander	44	Neurology	Admitted
218-34-9028	W Lujan	Male	52	2024	Qtr 3	August	31	White	33	Neurology	Admitted
222-85-6440	S Petrolli	Male	35	2023	Qtr 4	October	4	White	34	Neurology	Not Admitted
237-49-2123	R Chaytor	Female	2	2024	Qtr 2	May	23	White	42	Neurology	Admitted
242-14-9128	S Samuel	Male	25	2023	Qtr 4	October	15	African American	11	Neurology	Not Admitted
242-46-7448	U Chippin	Female	29	2024	Qtr 1	March	8	White	20	Neurology	Not Admitted
245-53-1118	V Adaway	Female	57	2024	Qtr 2	June	30	Native American/Alaska Native	44	Neurology	Not Admitted
250-66-4495	V Nabbs	Female	38	2024	Qtr 2	May	2	African American	38	Neurology	Admitted
254-35-5734	S Foulstone	Female	32	2024	Qtr 1	January	2	White	60	Neurology	Not Admitted
259-62-7456	K Wragge	Male	30	2024	Qtr 1	January	22	Asian	51	Neurology	Admitted

Total			6693						6528		
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Monthly View

Consolidated View

Patient Details

Key Takeways





# HOSPITAL EMERGENCY ROOM DASHBOARD

## KEY TAKEAWAYS

### Descriptive Analysis

(April 2023 - October 2024)

**The Emergency Room Database, 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 patientflow. 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 [Saturdays](#) (1322 Patients), and [Tuesdays](#) (1318 Patients). The busiest hours were 11 AM - 02 PM and 6PM - 11PM indicating need of ample staffing during these hours.

### Patient Demmographics:

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).

### Summary:

The dataset reveals high patient volumes, moderate satisfaction levels, and common referrals to General Practice and Orthopedics. Mondays and latenight to early morning hours are particularly busy. The patient Demographics show a diverse age, and racial composition, with nearly equal number of admitted and non admitted patients. These insights can help optimize resource allocation and improve patient care in the emergency room.

Monthly View

Consolidated View

Patient Details

Key Takeways