



HOSPITAL EMERGENCY ROOM DASHBOARD

Year

2024

Month Name

Dec

MONTHLY VIEW

Dec 2024

Monthly View

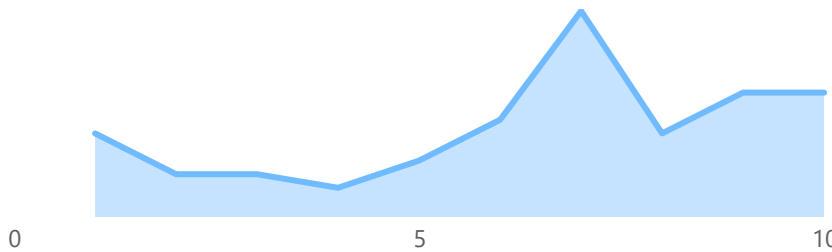
Consolidated View

Patient Details

Key Takeaways

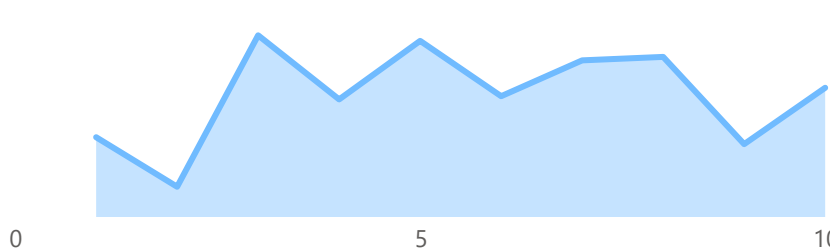
No. of Patients

164



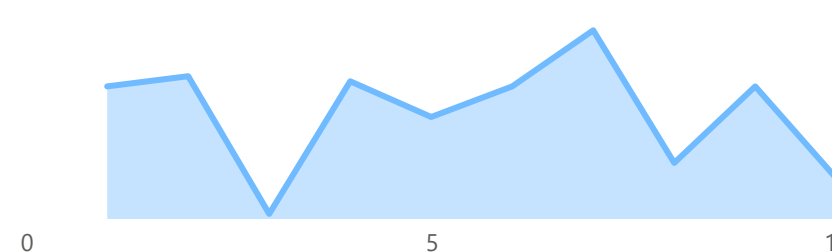
Avg Wait Time

36.9Min



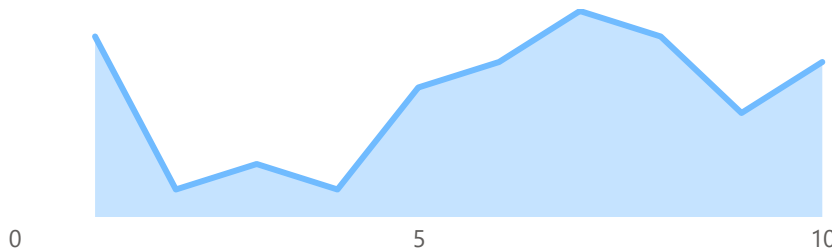
Patient Satisfaction Score

5.25



No. of Patients Referred

67

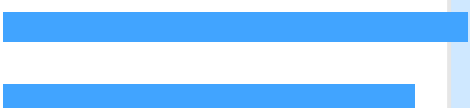


Patient Admission Status

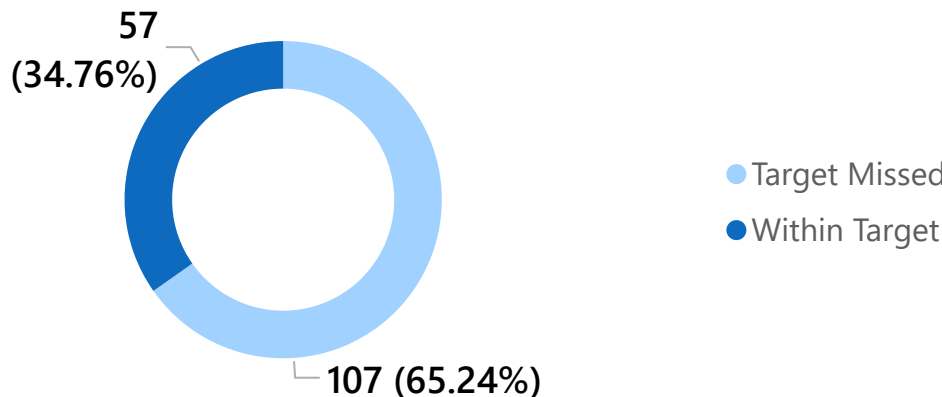
Admission Status	Patients	% of Total
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Admitted	87	53.05%
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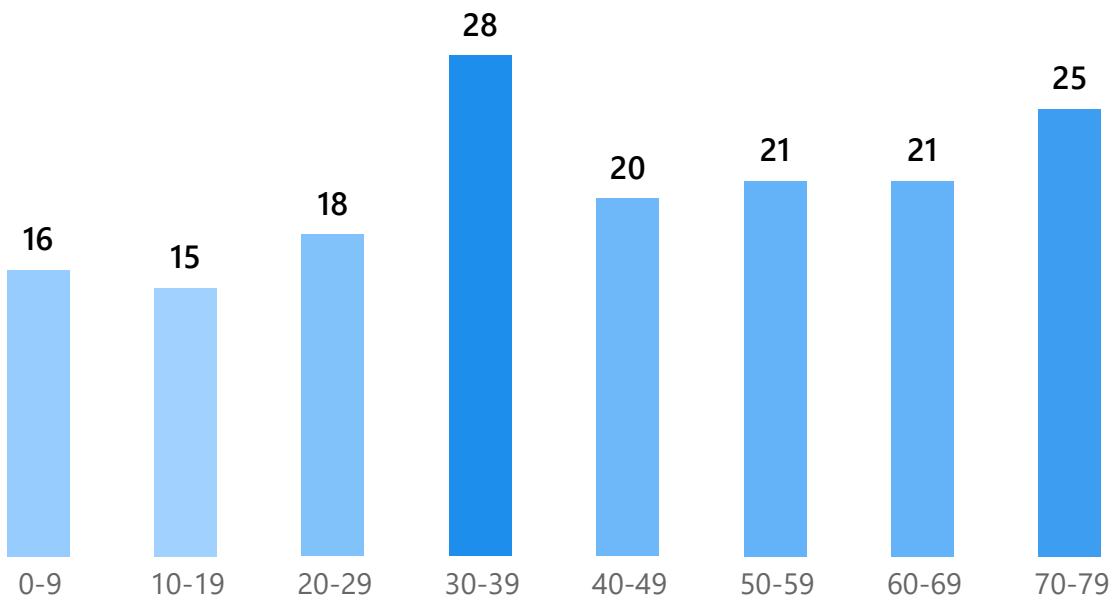
Not Admitted	77	46.95%
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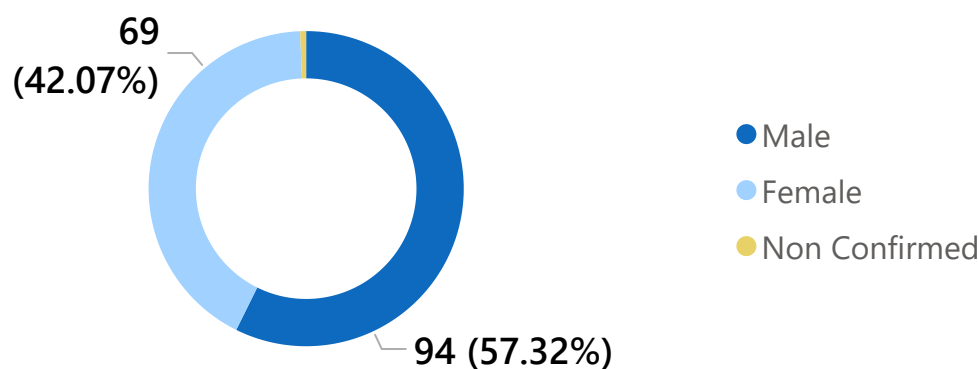
% of Patients Seen Within 30 Min



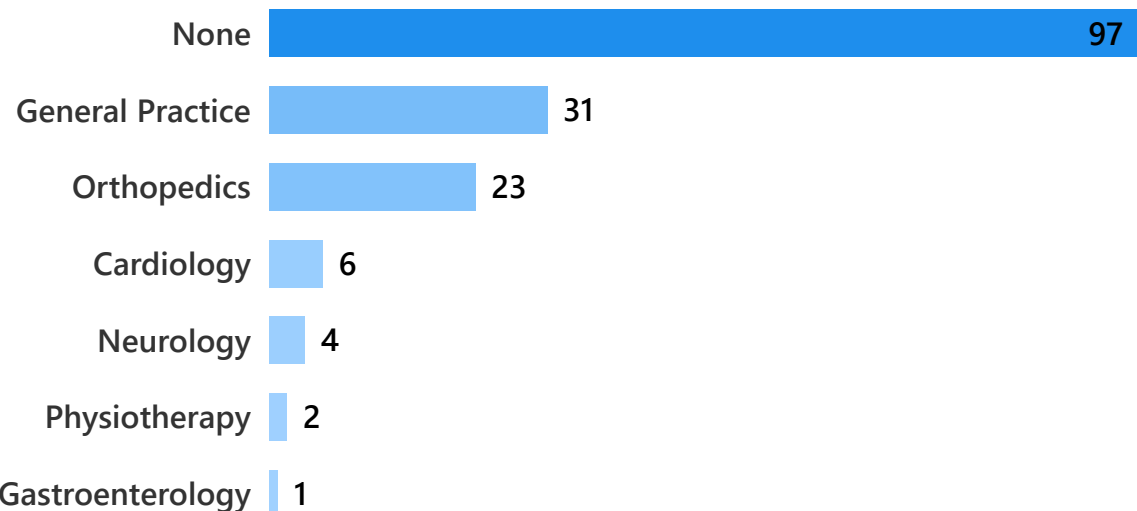
No of Patients by Age Group



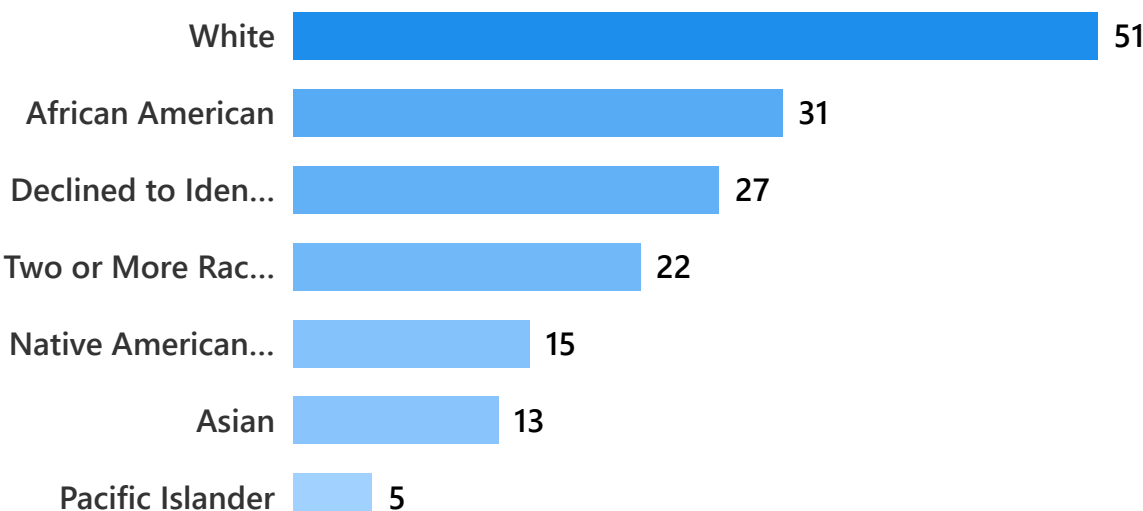
No of Patients by Gender



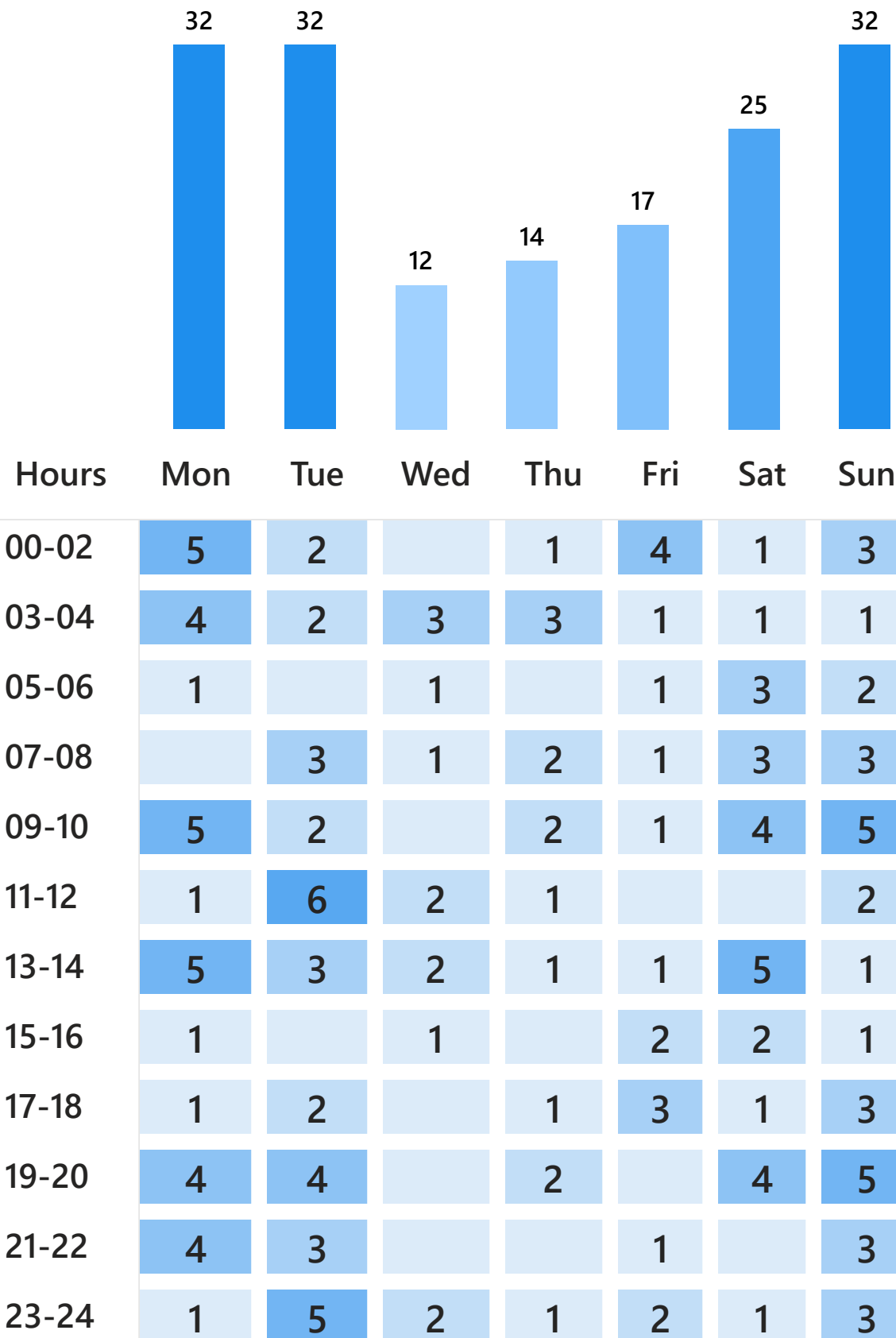
No of Patients by Department Referral



No of Patients by Patient Race



No of Patients by Day and Hour





HOSPITAL EMERGENCY ROOM DASHBOARD

CONSOLIDATED VIEW

1/4/2023

12/10/2024

Monthly View

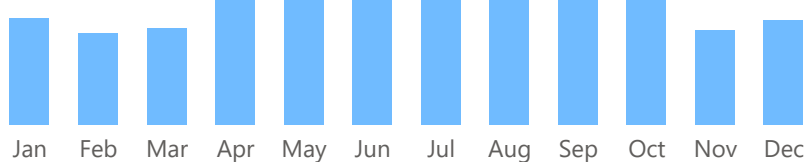
Consolidated View

Patient Details

Key Takeaways

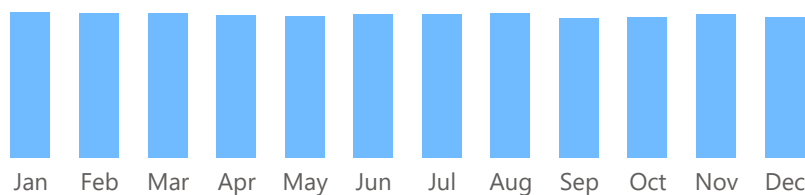
No. of Patients

9216



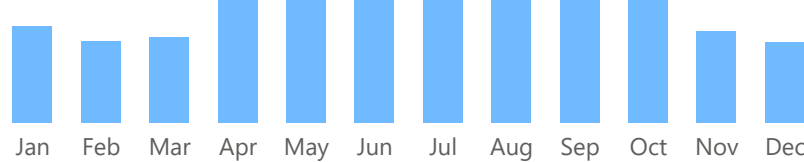
Avg Wait Time

35.3Min



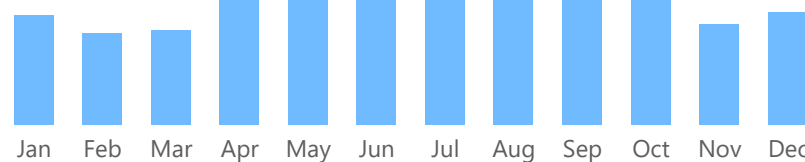
Patient Satisfaction Score

4.99



No. of Patients Referred

3816



Patient Admission Status

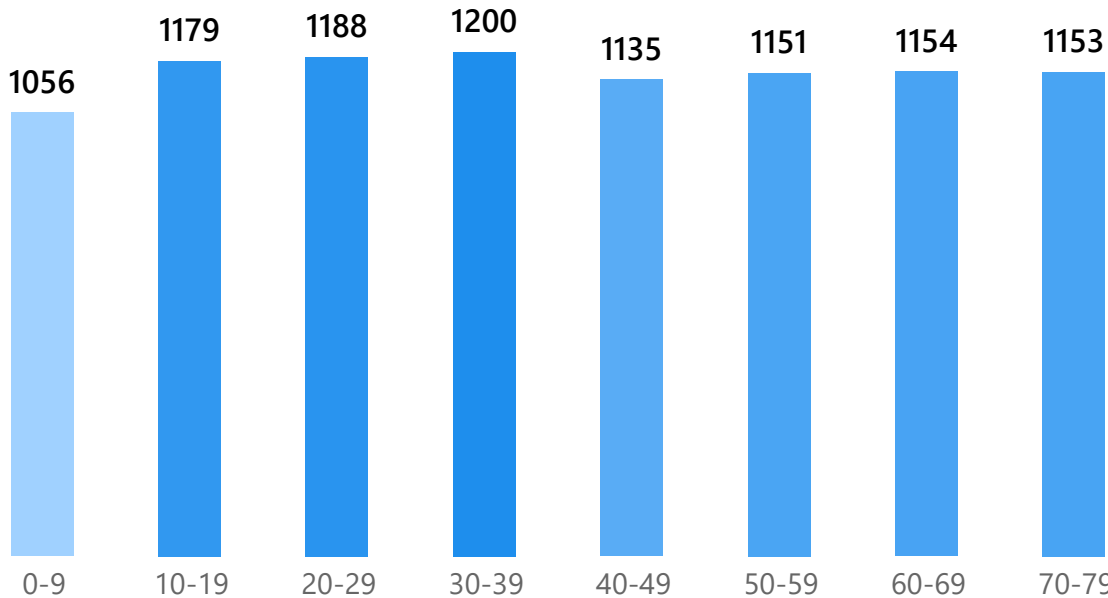
Admission Status Patients % of Total

Admitted 4612 50.04%

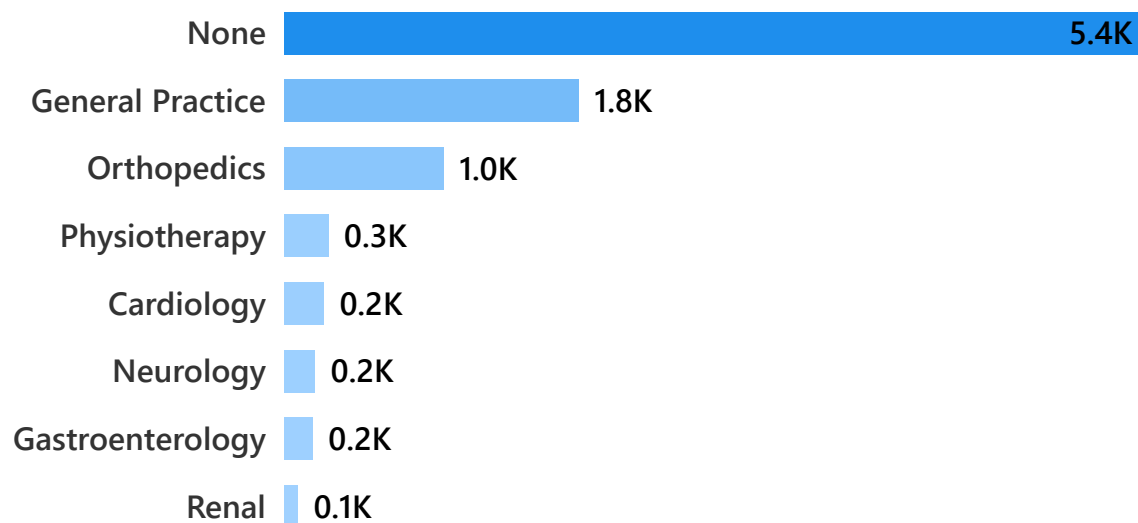
Not Admitted 4604 49.96%



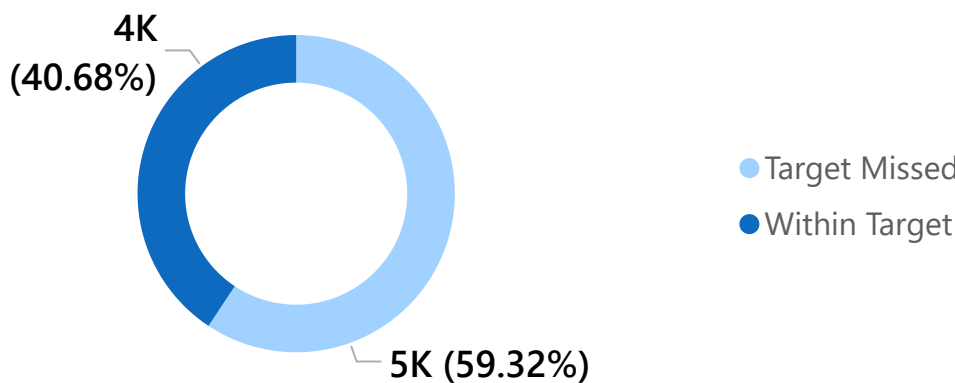
No of Patients by Age Group



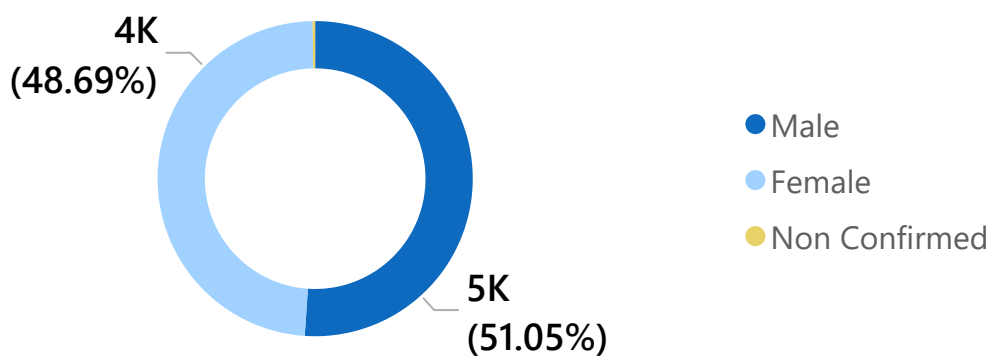
No of Patients by Department Referral



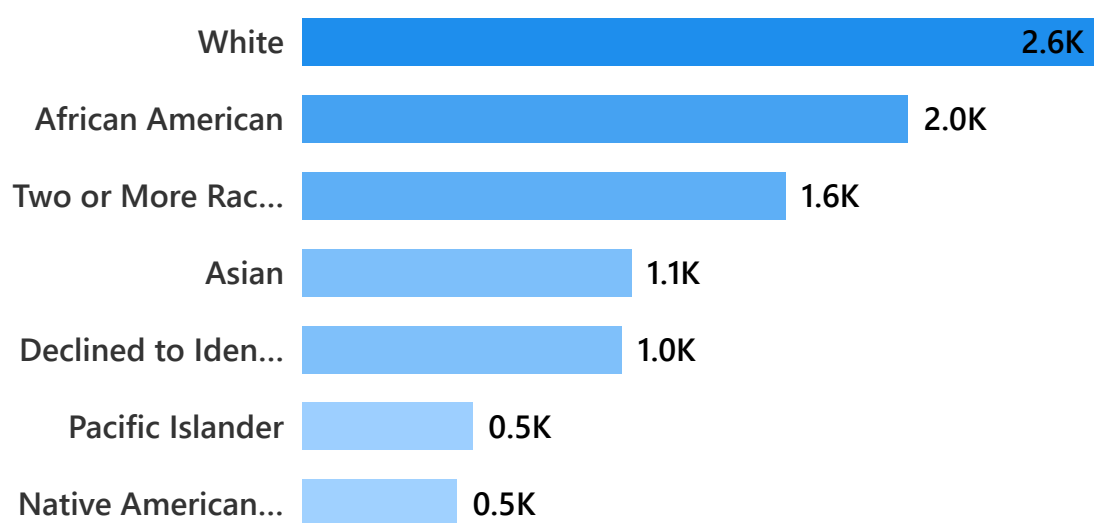
% of Patients Seen Within 30 Min



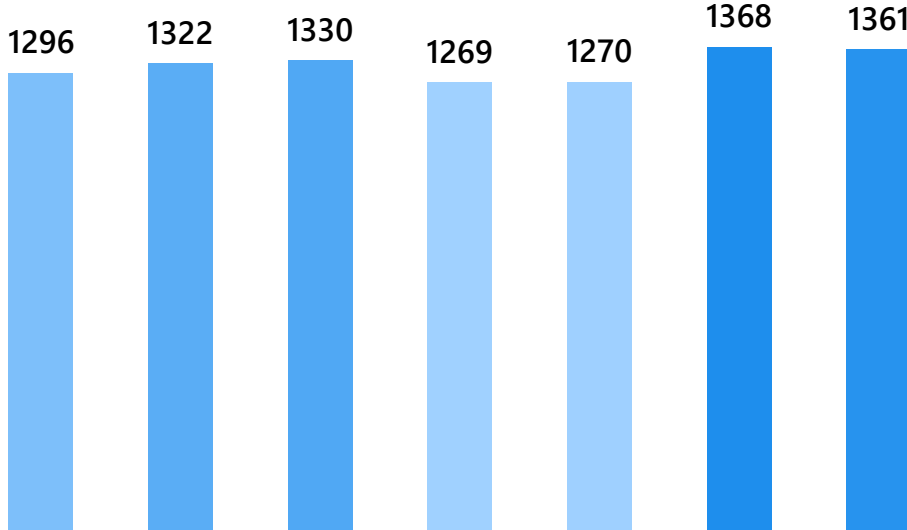
No of Patients by Gender



No of Patients by Patient Race



No of Patients by Day and Hour



Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	109	109	112	92	123	114	119
03-04	106	115	104	97	111	128	100
05-06	122	121	107	107	92	118	110
07-08	102	120	127	123	115	95	108
09-10	104	119	117	109	91	120	114
11-12	110	105	114	104	99	120	100
13-14	118	108	112	94	109	133	102
15-16	103	95	114	92	106	113	139
17-18	110	112	88	114	108	95	110
19-20	101	93	99	116	112	113	119
21-22	115	100	101	113	93	99	127
23-24	96	125	135	108	111	120	113



Monthly View

Consolidated View

Patient Details

Key Takeaways

HOSPITAL EMERGENCY ROOM DASHBOARD

1/4/2023

12/10/2024

PATIENT DETAILS

Patient Id	Patient Name	Patient Gender	Patient Age	Patient Admin Date	Patient Race	Patient Waittime	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
100-21-9648	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	4 January, 2024	Declined to Identify	24	Neurology	Not Admitted
100-40-2709	O Cammack	Male	77	5 August, 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	11 March, 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	3 September, 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	2 August, 2024	White	56	General Practice	Admitted
101-38-5868	J Saddington	Male	14	10 August, 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	10 August, 2023	Asian	55	None	Admitted



HOSPITAL EMERGENCY ROOM DASHBOARD

KEY TAKEAWAYS

Monthly View

Consolidated View

Patient Details

Key Takeaways

Descriptive Analysis

(January 2023 - December 2024)

The Emergency Room Dataset, covering a period of 23 months, records a total of 9,216 unique

Patient Wait Time & Satisfaction:

The Average wait time was approximately **35.3 minute**, indicating a need for improvement to enhance patient flow. **The avg satisfaction score** was **4.99 out of 10**, Suggesting moderate satisfaction and highlighting areas for improving patient experiences.

Departmental Referrals:

A significant no. of Patients (5400) did not required referrals. Among those referred, the most common were **General Practice (1840 Cases)** & 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, 1 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.