



HOSPITAL EMERGENCY ROOM DASHBOARD

MONTHLY VIEW

Year
2024

Month Name
Feb

Monthly View

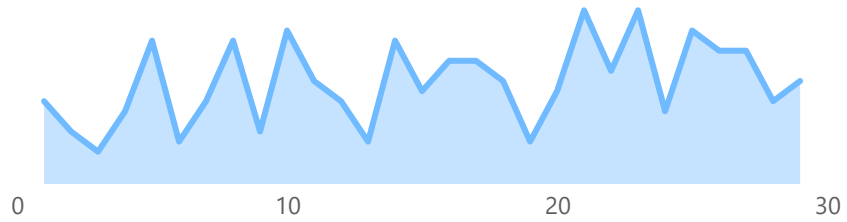
Consolidated View

Patient Details

Key Takeaways

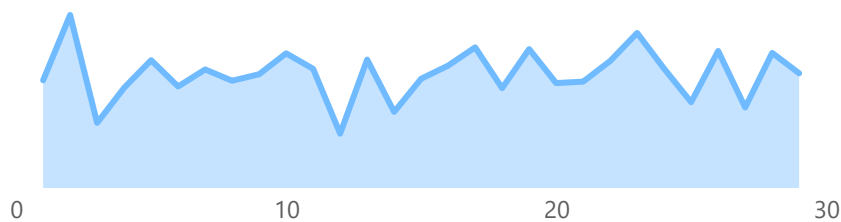
No of Patients

431



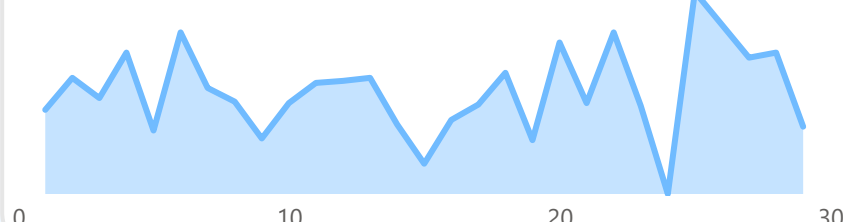
Avg Wait Time

36.7 Min



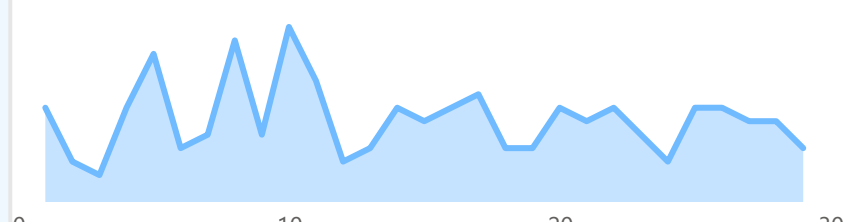
Patient Satisfaction Score

4,72



No of Patients Referred

179



Patient Admission Status

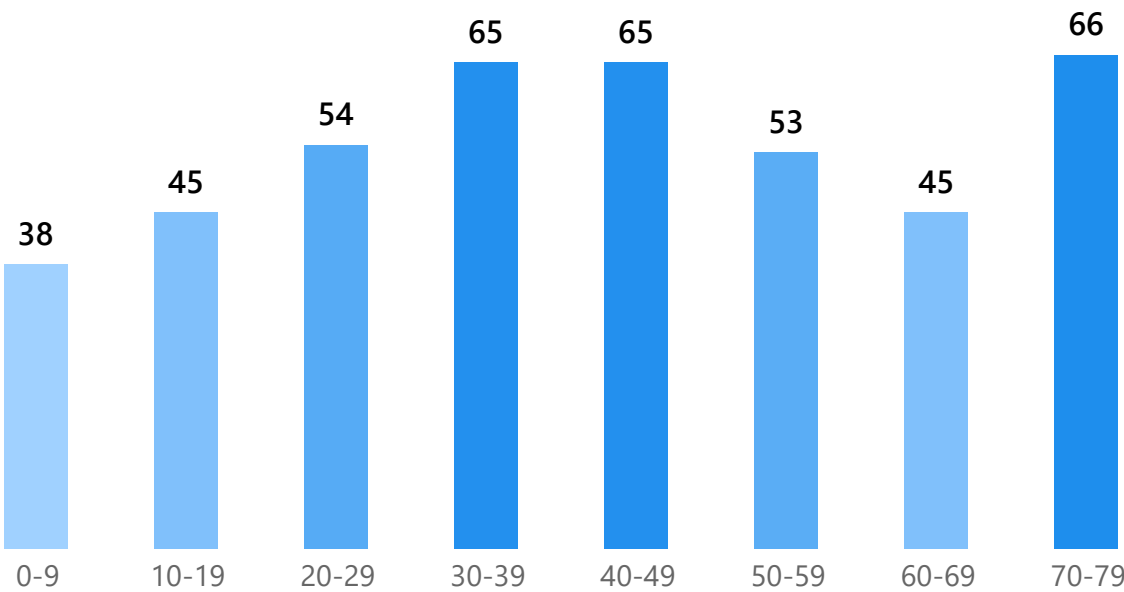
Admission Status	Patients	% of Total
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Admitted	224	51,97%
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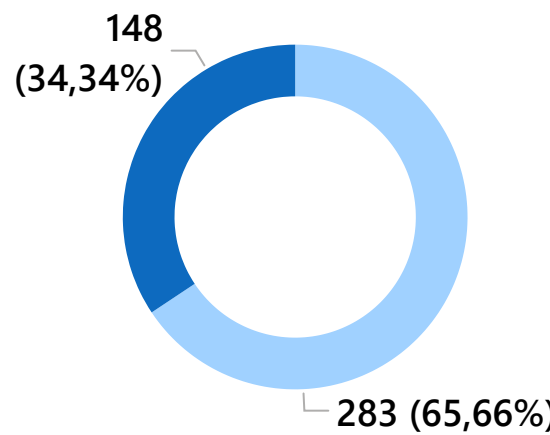
Not Admitted	207	48,03%
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No of Patients by Age Group



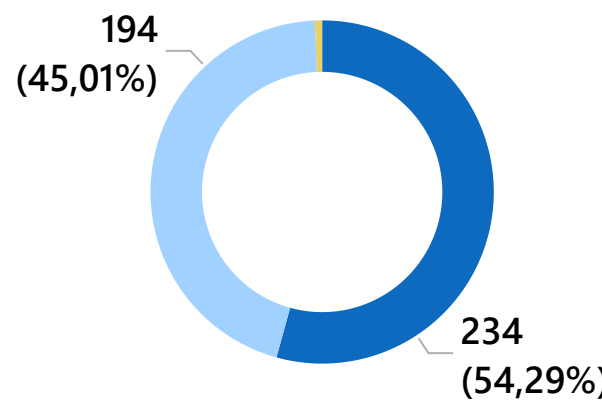
% of Patients Seen Within 30 Min



Waittime Status

Target Missed
Within Target

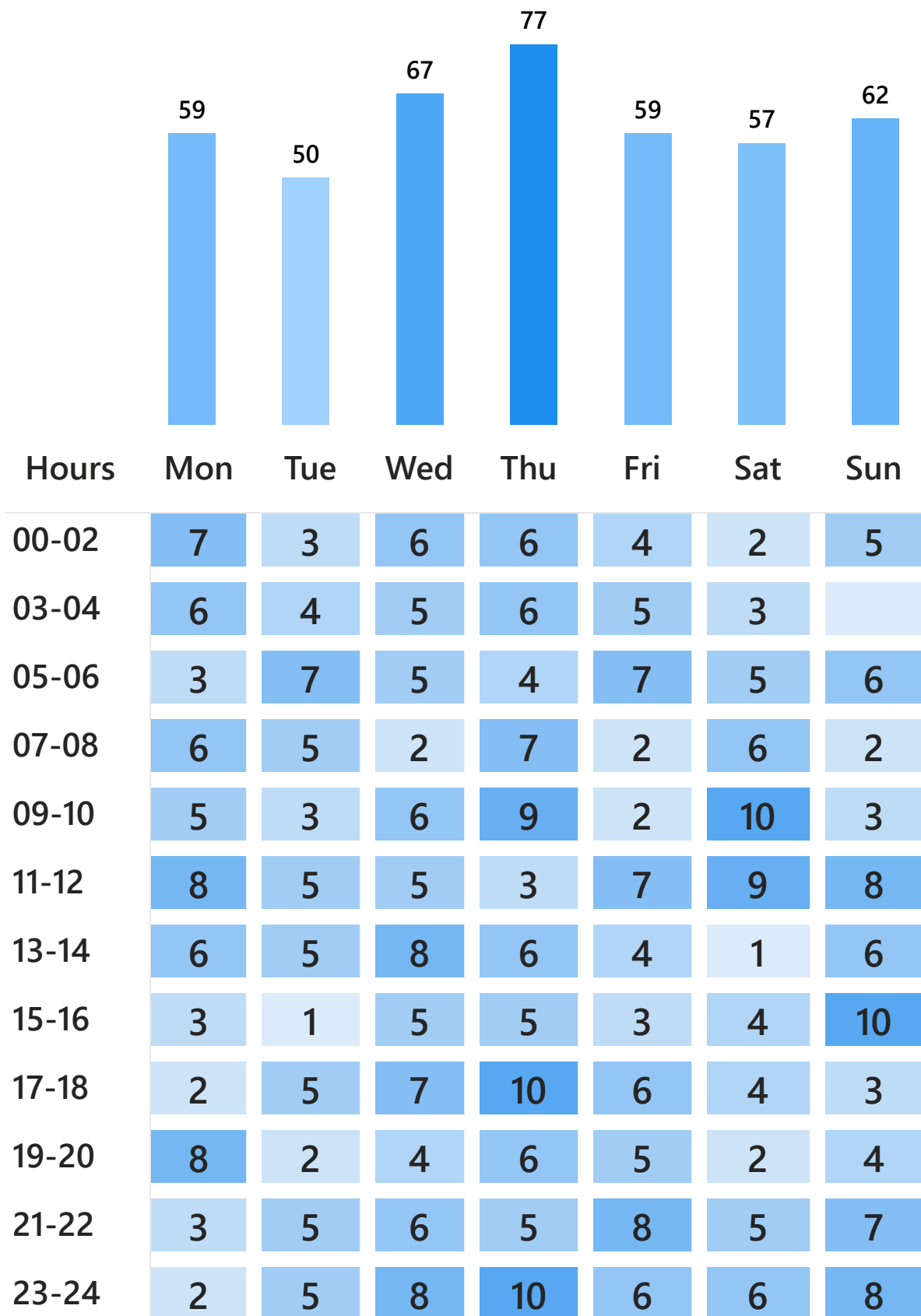
No of Patients by Gender



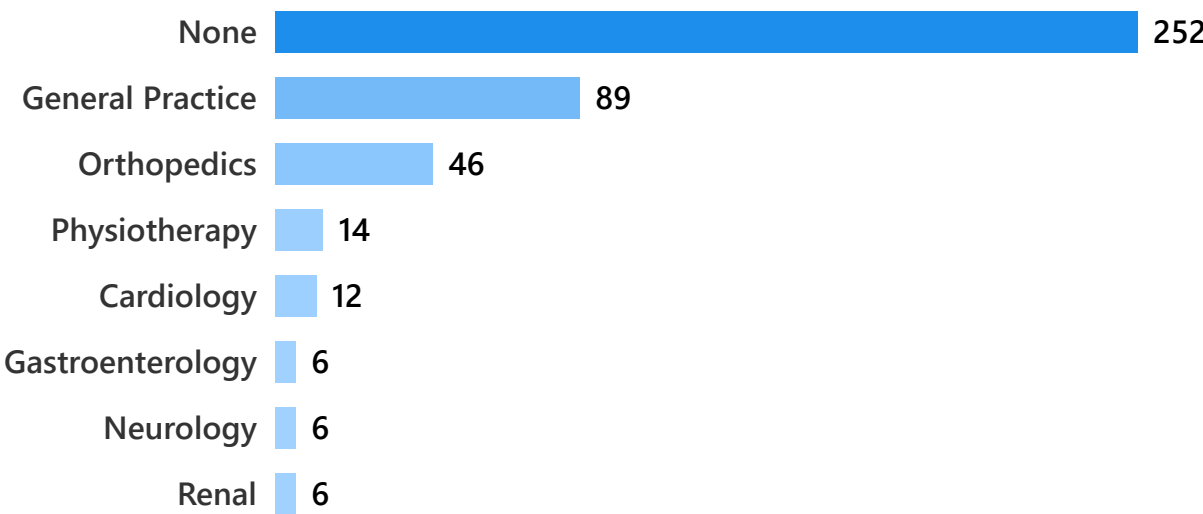
Patient Gender

Male
Female
Not Conformed

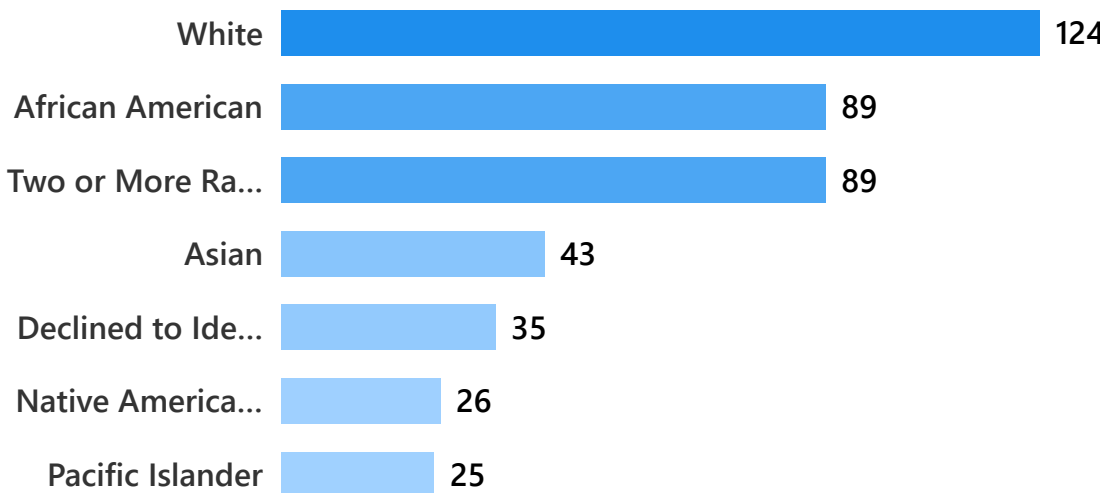
No of Patients by Day and Hour



No of Patients by Department Referral



No of Patients by Patient Race





HOSPITAL EMERGENCY ROOM DASHBOARD

CONSOLIDATED VIEW

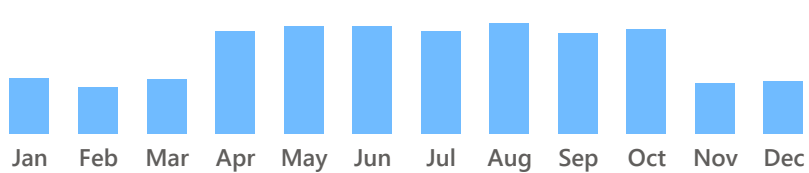
01/04/2023

30/10/2024



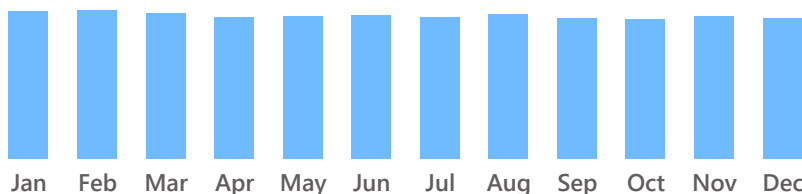
No of Patients

9216



Avg Wait Time

35.3 Min



Patient Satisfaction Score

4,99



No of Patients Referred

3816



Monthly View

Consolidated View

Patient Details

Key Takeaways

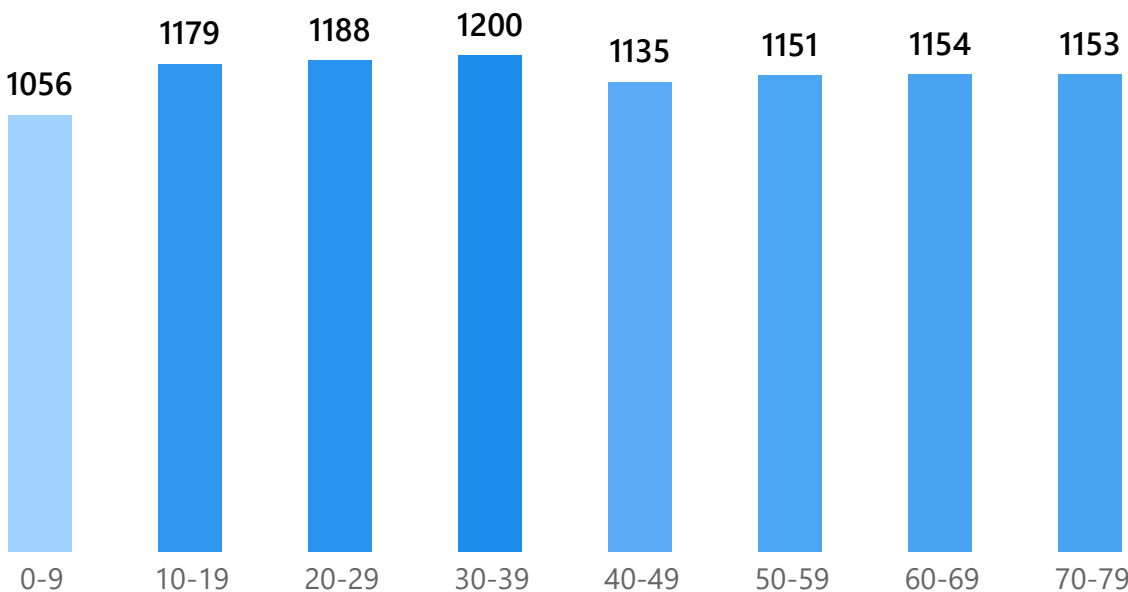
Patient Admission Status

Admission Status Patients % of Total

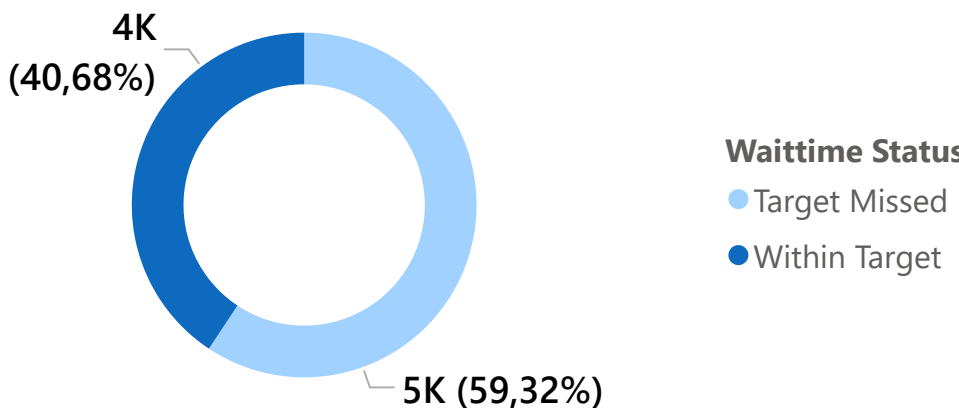
Admitted	4612	50,04%
Not Admitted	4604	49,96%



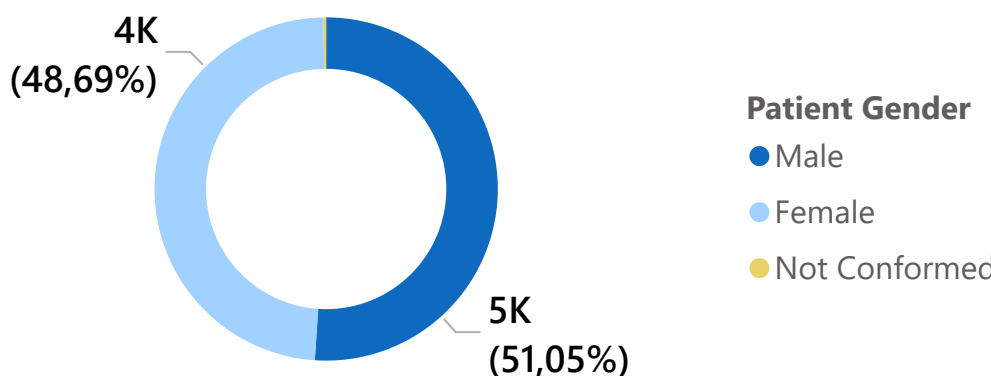
No of Patients by Age Group



% of Patients Seen Within 30 Min



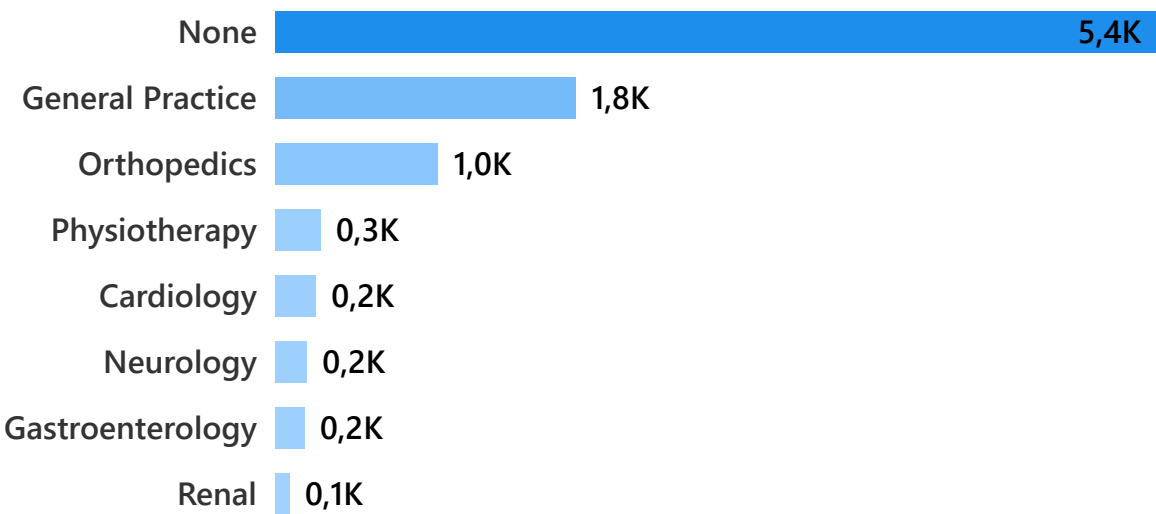
No of Patients by Gender



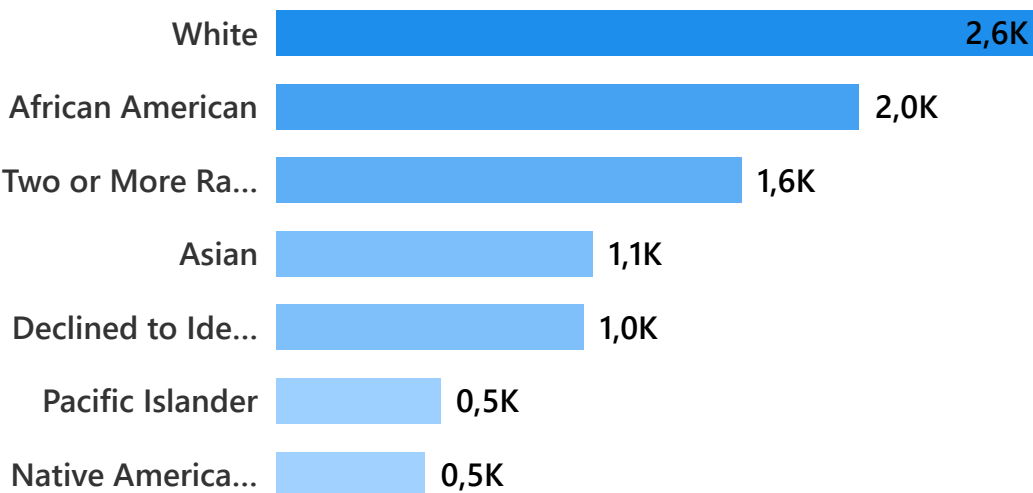
No of Patients by Day and Hour

Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	114	107	102	106	113	118	118
03-04	111	107	104	100	113	128	98
05-06	125	122	104	104	98	114	110
07-08	84	123	111	124	127	102	119
09-10	116	112	107	113	102	124	100
11-12	107	106	98	111	122	109	99
13-14	115	107	117	105	107	123	102
15-16	99	94	117	111	102	110	129
17-18	104	116	102	121	98	99	97
19-20	123	84	94	105	124	113	110
21-22	110	105	97	116	89	110	121
23-24	106	122	107	116	115	127	115

No of Patients by Department Referral



No of Patients by Patient Race





HOSPITAL EMERGENCY ROOM DASHBOARD

PATIENT DETAILS

01/04/2023

30/10/2024



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	martedì 4 aprile 2023	White	16	None	Not Admitted
100-17-5081	V Flicker	Male	67	domenica 14 gennaio 2024	African American	60	None	Not Admitted
100-21-9648	W Marran	Female	39	mercoledì 17 gennaio 2024	Pacific Islander	22	None	Admitted
100-34-6753	B Paulus	Male	43	lunedì 13 maggio 2024	Pacific Islander	25	General Practice	Admitted
100-34-9587	U Lamburn	Male	20	lunedì 1 aprile 2024	Declined to Identify	24	Neurology	Not Admitted
100-40-2709	O Cammack	Male	77	mercoledì 8 maggio 2024	White	48	None	Not Admitted
100-66-0896	I Prickett	Male	2	martedì 26 marzo 2024	African American	23	Orthopedics	Admitted
100-66-8222	F Mullane	Female	65	sabato 23 dicembre 2023	Asian	17	General Practice	Not Admitted
100-67-1276	S Hallbird	Male	55	venerdì 3 novembre 2023	White	11	Orthopedics	Admitted
100-70-0071	R Downham	Male	38	domenica 14 gennaio 2024	African American	57	None	Not Admitted
100-72-5705	N Dudny	Female	60	mercoledì 19 giugno 2024	African American	45	None	Admitted
100-74-3943	M Hallard	Female	3	domenica 17 settembre 2023	White	14	None	Admitted
100-74-5636	A Warwickker	Female	47	martedì 13 agosto 2024	Declined to Identify	25	None	Not Admitted
100-79-0109	P Ulyatt	Female	19	martedì 27 febbraio 2024	Pacific Islander	36	Neurology	Admitted
100-81-9769	Y Moncaster	Male	28	sabato 9 marzo 2024	White	59	None	Admitted
100-84-7203	K Ybarra	Female	37	martedì 13 giugno 2023	White	55	None	Not Admitted
101-08-8798	L Willeson	Female	72	mercoledì 31 luglio 2024	Two or More Races	48	None	Admitted
101-13-4808	V Gowdridge	Female	30	martedì 25 aprile 2023	Declined to Identify	30	None	Admitted
101-35-3930	W Andreotti	Female	30	mercoledì 24 gennaio 2024	White	25	None	Admitted
101-35-7039	T Ganter	Male	26	giovedì 8 febbraio 2024	White	56	General Practice	Admitted
101-38-5868	J Saddington	Male	14	martedì 8 ottobre 2024	White	20	None	Admitted
101-50-7359	D Sabey	Female	50	venerdì 13 ottobre 2023	White	56	None	Admitted
101-56-3319	M Kilduff	Female	44	domenica 8 ottobre 2023	Asian	55	None	Admitted
101-60-5189	G Georger	Female	45	domenica 4 agosto 2024	White	43	None	Not Admitted
101-63-3628	P Quest	Male	38	sabato 29 luglio 2023	Two or More Races	53	None	Not Admitted
101-66-4553	R Odd	Female	14	sabato 30 marzo 2024	Two or More Races	57	General Practice	Admitted



HOSPITAL EMERGENCY ROOM DASHBOARD

KEY TAKEAWAYS

01/04/2023

30/10/2024

Descriptive Analysis

(April 2023 - October 2024)

The emergency room dataset, covering a period of 19 months, records a total of 9216 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.

Department Referrals:

A significant number of Patients **(5400) did not require referrals**. Among those referred, the most common were **General Practice (1840 cases)** and Orthopedics (995), followed by Physiotherapy (276) and Cardiology (248)

Peak Busy Period:

The busiest days were **Saturday (1377 patients)**, followed by Thursday (1332) and Sunday (1318). The busiest hours were between **23:00 PM - 08:00 AM** indicating the need for ample staff during these periods.

Patients 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). 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. Saturday 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 to optimize resource allocation and to improve patient care in the emergency room.

Monthly View

Consolidated View

Patient Details

Key Takeaways