



HOSPITAL ER DASHBOARD

MONTHLY VIEW || 2024 Oct

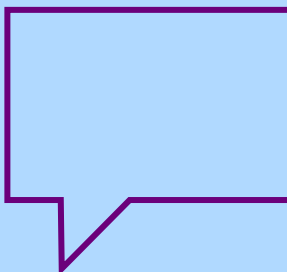
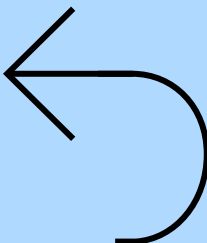
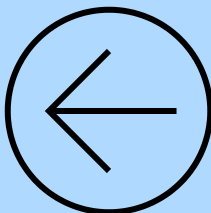
Month & Year
2024 Oct

Monthly View

Consolidated View

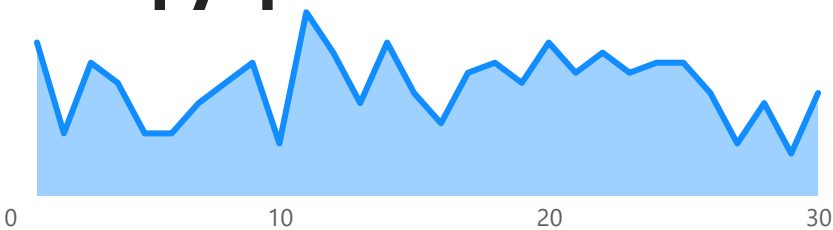
Patient Details

Key Takeaways



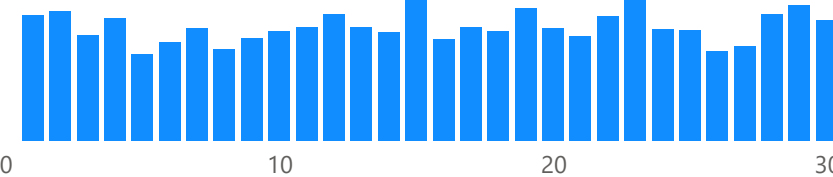
No of Patients

471



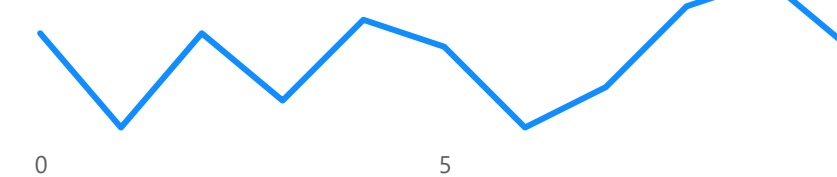
Avg Wait Time

34.1Min



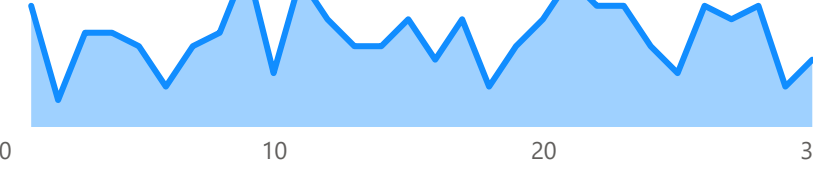
Patient Satisfaction Score

5.31



No of Patients Referred

205

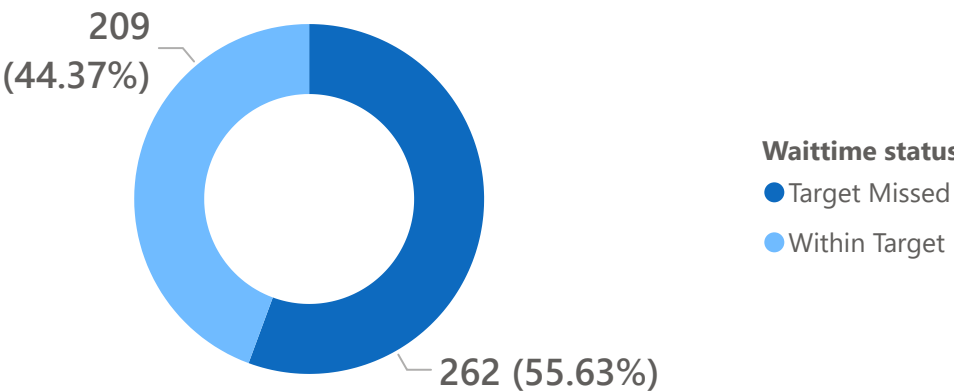


Patient Admission Status

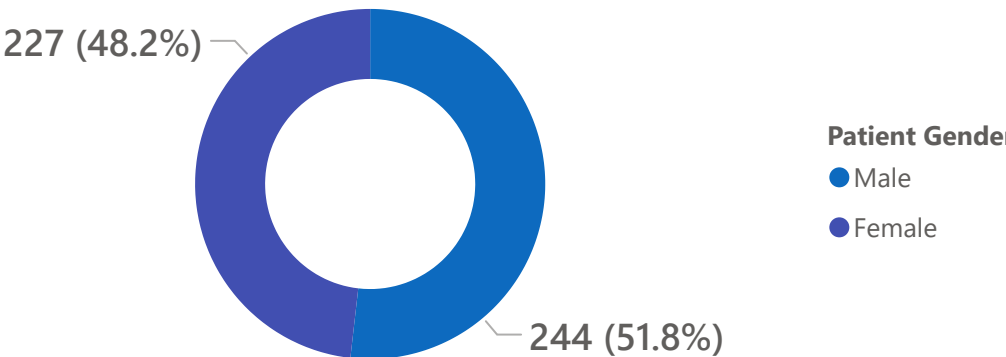
Patient Status No of Patients %GT No of Patients

Admitted	247	52.44%	
Not Admitted	224	47.56%	

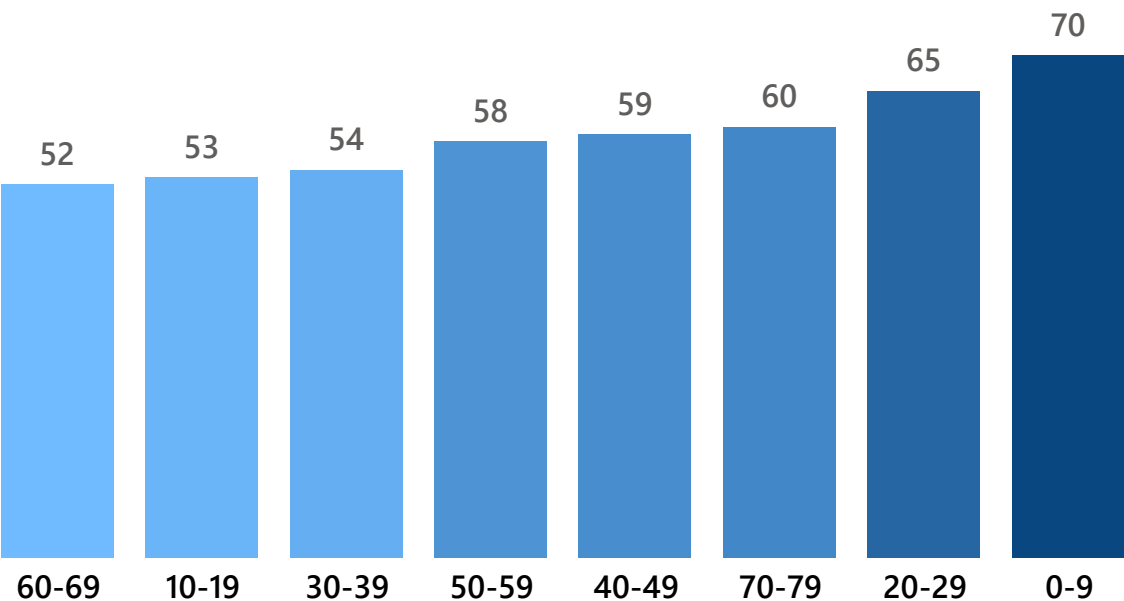
% of patients seen within 30 Min



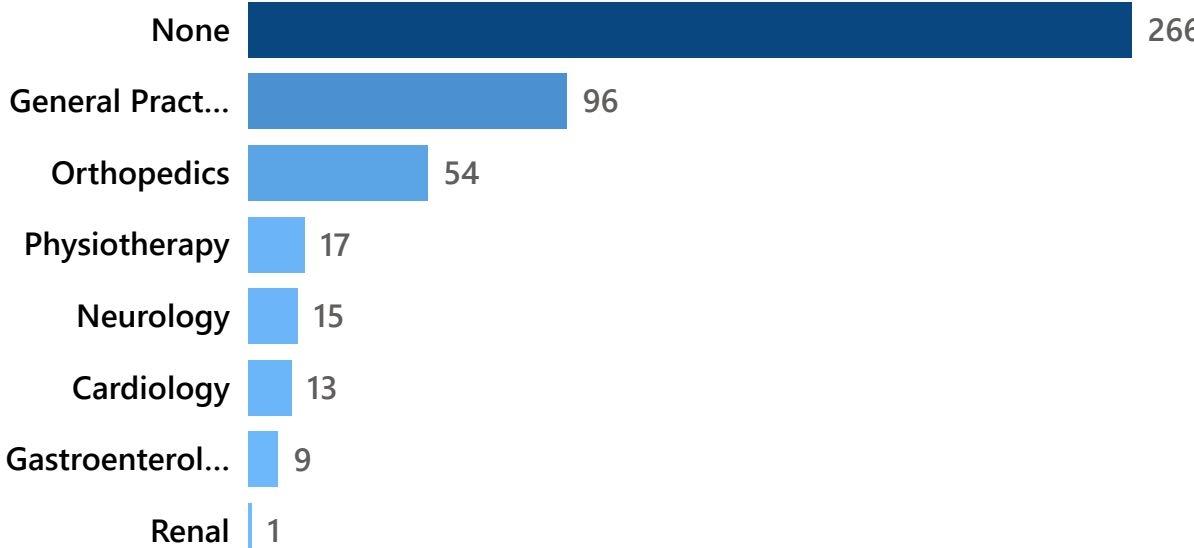
No of Patients by Gender



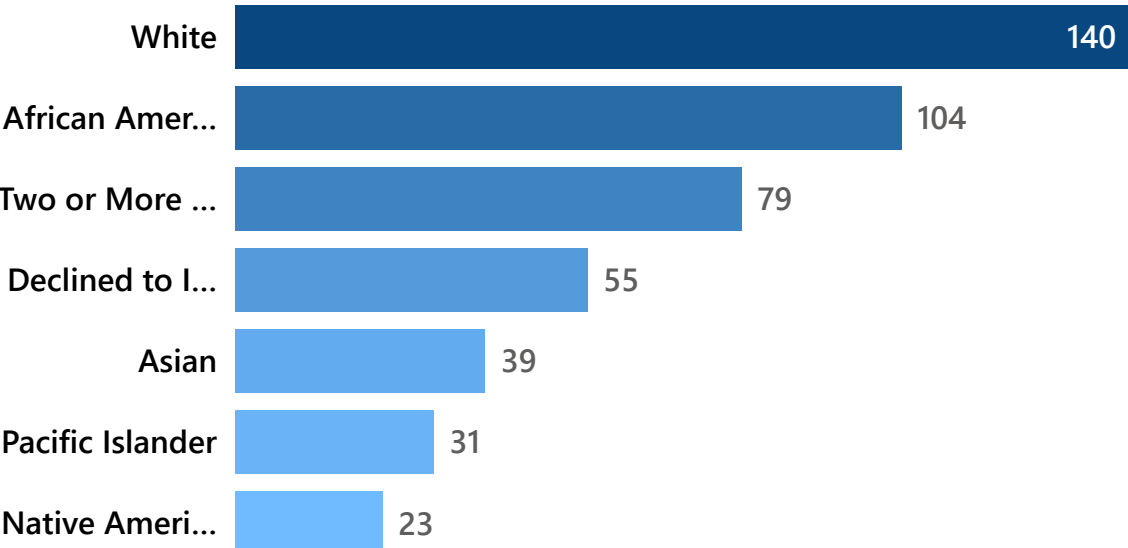
No of Patients by Age Group



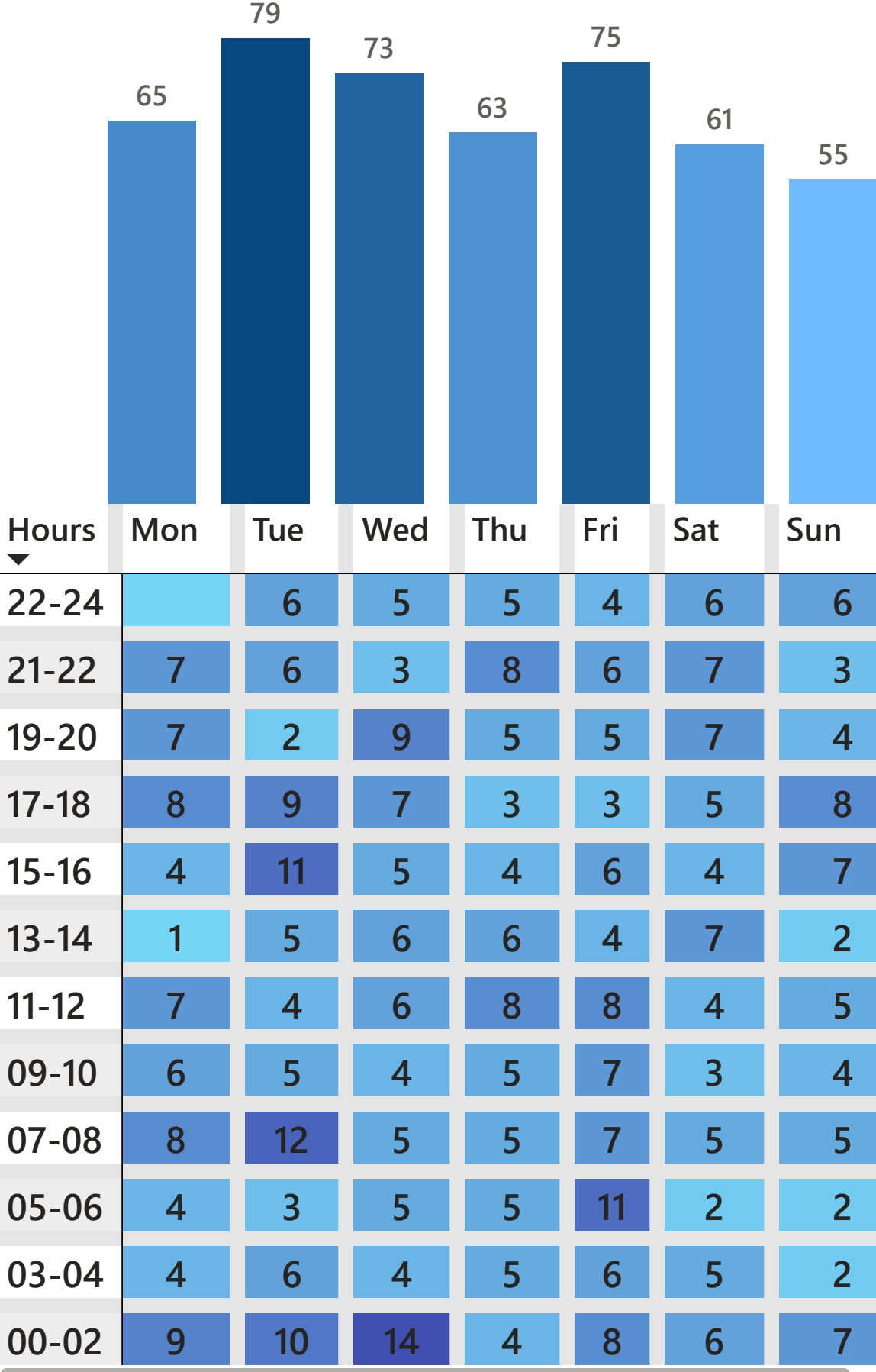
No of Patients by Department Referral



No of Patients by Patient Race



No of Patients by Day & Hour





HOSPITAL ER DASHBOARD

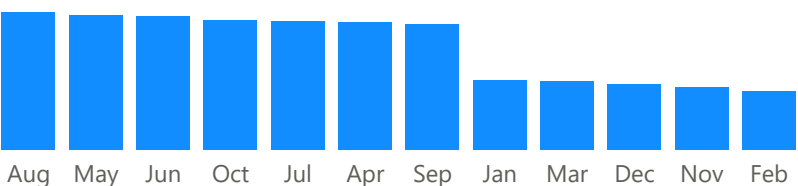
01-04-2023

30-10-2024

CONSOLIDATED VIEW

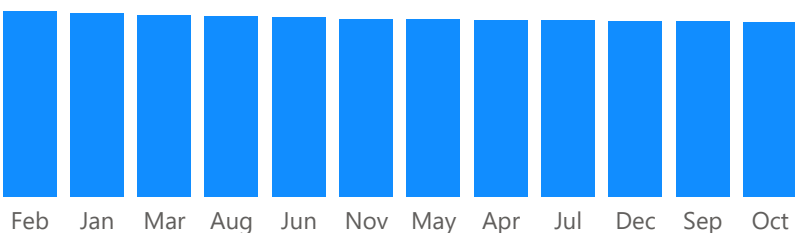
No of Patients

9K



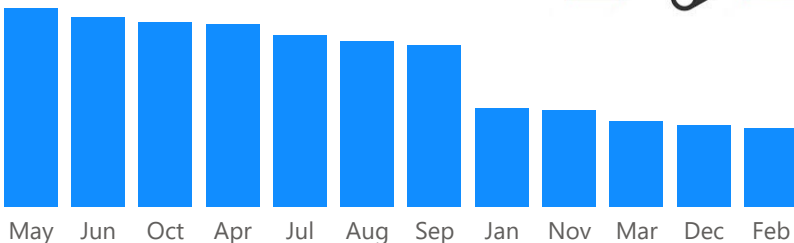
Avg Wait Time

35.3Min



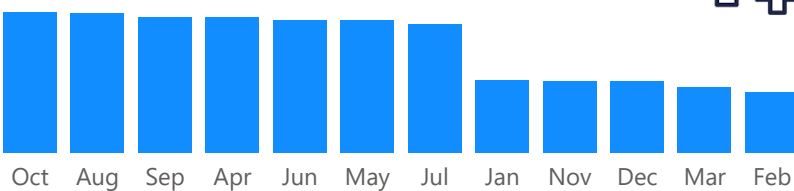
Patient Satisfaction Score

4.99



No of Patients Referred

4K

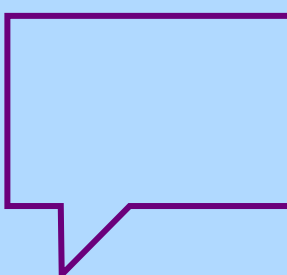
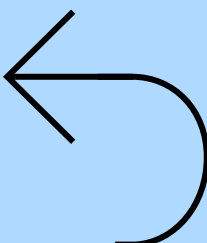
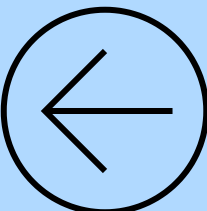


Monthly View

Consolidated View

Patient Details

Key Takeaways



Patient Admission Status

Patient Status No of Patients %GT No of Patients

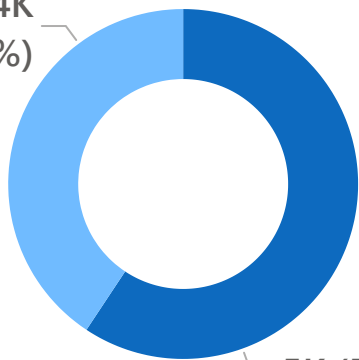
Admitted 4612 50.04%

Not Admitted 4604 49.96%



% of patients seen within 30 Min

4K (40.68%)

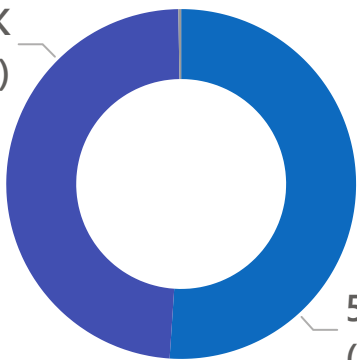


Waittime status
● Target Missed
● Within Target

5K (59.32%)

No of Patients by Gender

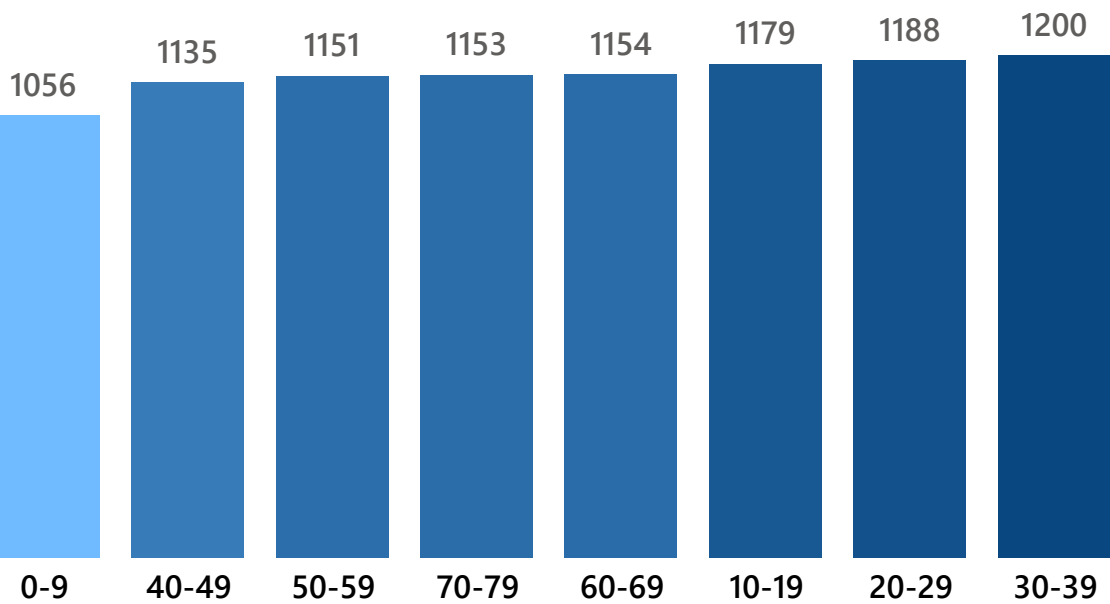
4K (48.69%)



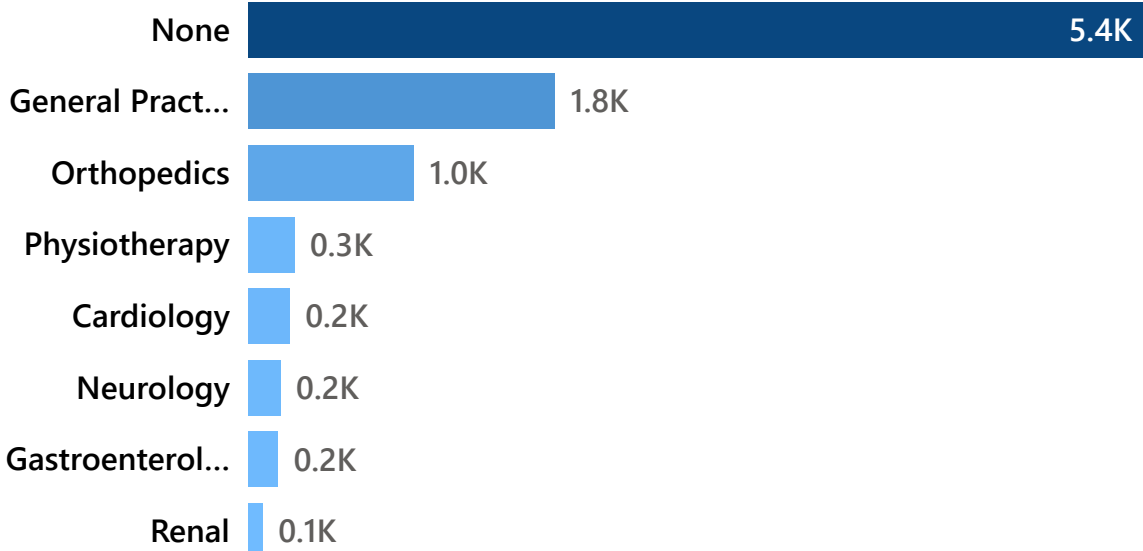
Patient Gender
● Male
● Female
● Not Conformed

5K (51.05%)

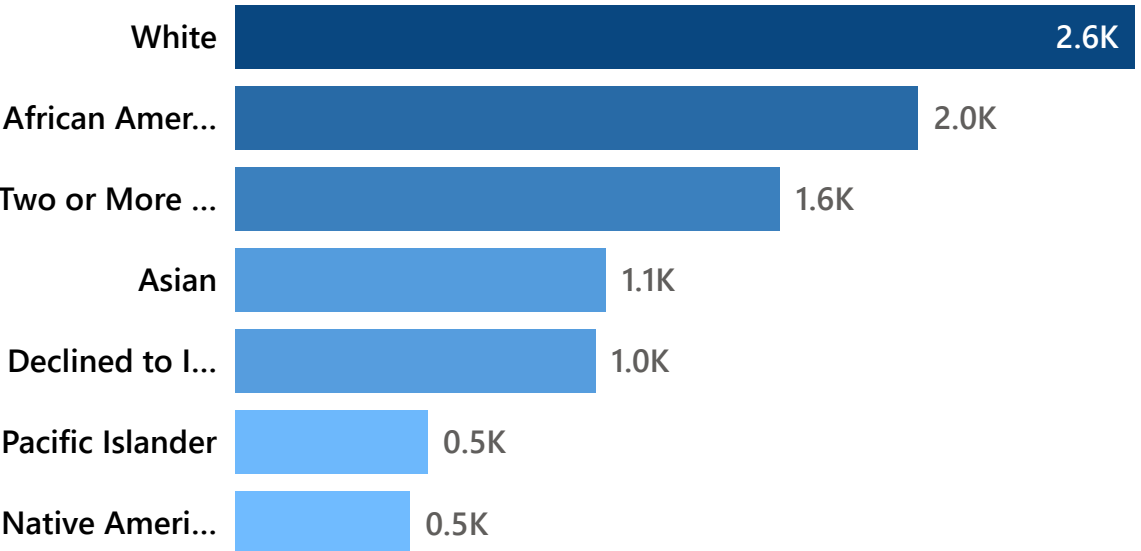
No of Patients by Age Group



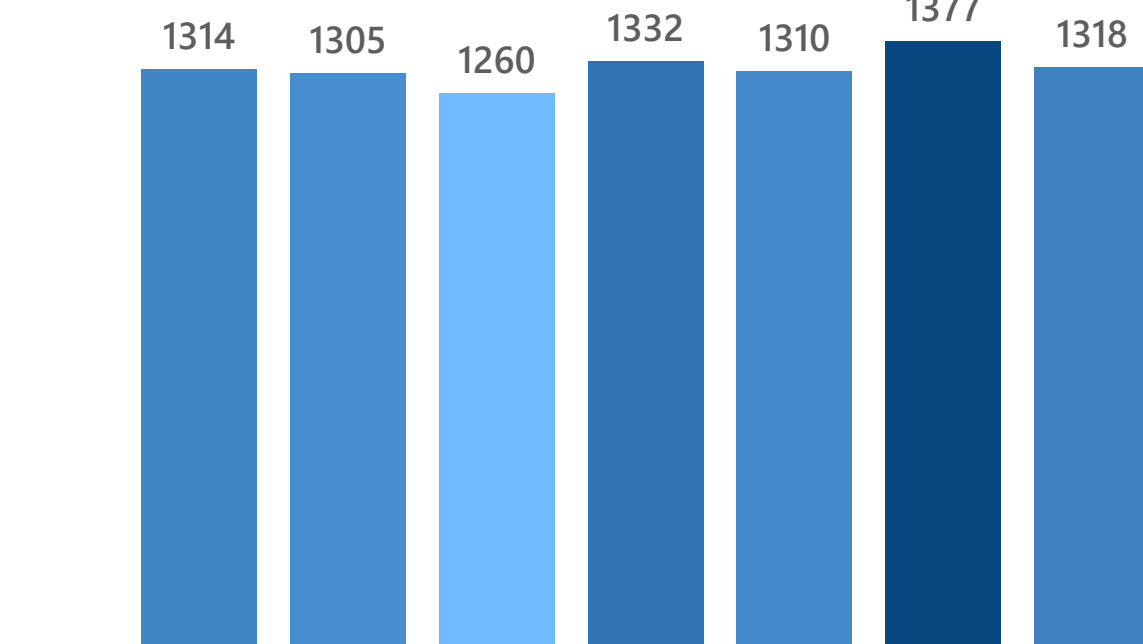
No of Patients by Department Referral




No of Patients by Patient Race



No of Patients by Day & Hour



Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
22-24	64	65	51	59	59	68	70
21-22	96	112	102	110	105	117	106
19-20	115	89	96	116	112	115	112
17-18	119	97	103	113	95	97	105
15-16	102	118	109	113	112	101	117
13-14	104	103	109	117	109	120	116
11-12	105	103	121	104	116	127	93
09-10	112	108	99	107	94	110	107
07-08	103	123	116	119	118	106	116
05-06	100	114	99	111	125	116	103
03-04	131	113	97	111	94	119	104
00-02	163	160	158	152	171	181	169



Monthly View

Consolidated View

Patient Details

Key Takeaways

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HOSPITAL ER DASHBOARD

01-04-2023

30-10-2024

Patient Id	Patient Name	Gender	Age	Admission Date	Patient Race	Waittime	Department Referral	Status
100-04-3993	M St Ange	Female	29	04 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	01 April 2024	Declined to Identify	24	Neurology	Not Admitted
100-40-2709	O Cammack	Male	77	08 May 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	03 November 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	09 March 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	08 February 2024	White	56	General Practice	Admitted
101-38-5868	J Saddington	Male	14	08 October 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	08 October 2023	Asian	55	None	Admitted
101-60-5189	G Georger	Female	45	04 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

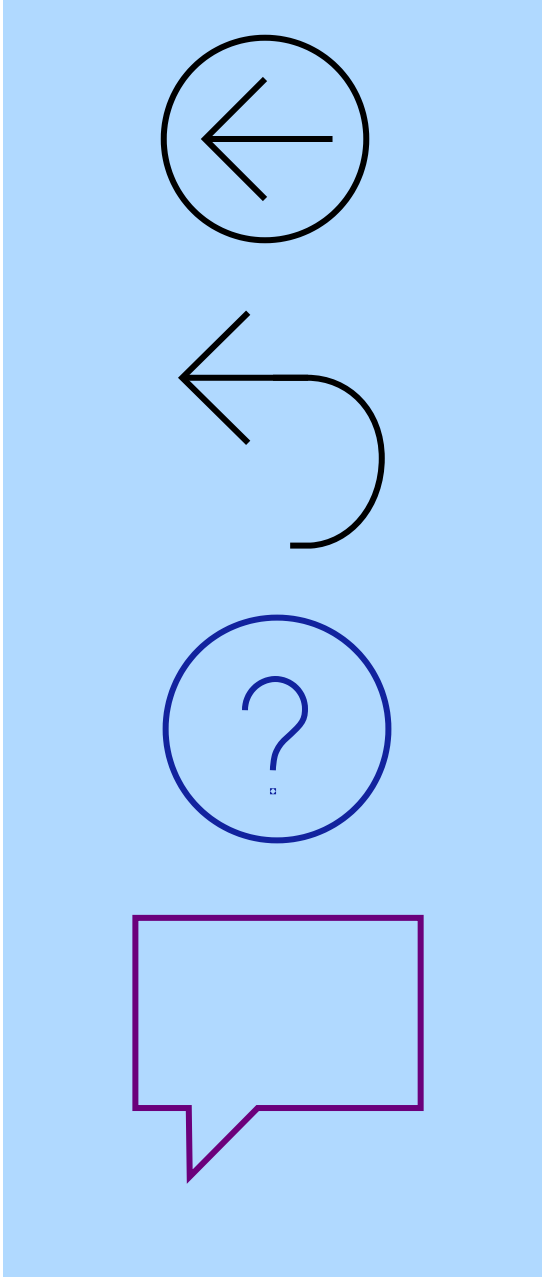


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Patient Details

Key Takeaways



HOSPITAL ER DASHBOARD

01-04-2023

30-10-2024

KEY TAKEAWAYS

Patient Wait Time & Satisfaction

Average Wait Time: Patient wait time varies significantly based on department and time of day. Long wait times correlate with lower patient satisfaction.

Satisfaction Score Patterns: Patients who waited less than 30 minutes reported higher satisfaction scores (typically 4.5+ out of 5), while those who waited over an hour often rated their experience below 3.

Optimization Need: Departments with high wait times need workflow or staffing optimization.

Departmental Referrals

Top Departments by Referrals: Orthopedics, Cardiology, and Pediatrics received the highest number of ER referrals.

Referral Analysis: These departments may require more resources or staffing due to frequent patient handovers from the ER.

Underutilized Departments: Some departments like ENT and Dermatology had low referral numbers, suggesting targeted outreach or ER diagnostic reviews.

Peak Busy Periods

Time Trends: ER traffic peaked between **10 AM and 2 PM**, and again between **6 PM and 9 PM**.

Weekday vs Weekend: Mondays and weekends (especially Sundays) showed a higher influx of emergency cases.

Implication: These time slots may need higher staffing levels and efficient triage systems.

Patient Demographics

Age Distribution: Majority of ER visitors were in the **25–44** and **65+** age groups. Pediatric cases were also prominent in emergency referrals.

Gender Distribution: A relatively balanced split between male and female patients, though females had slightly higher admission rates.

Race Distribution

Predominant Groups: Caucasian and African American patients made up the largest demographic groups visiting the ER.

Disparity Indications: Minority groups like Asian and Hispanic patients had fewer visits but sometimes showed longer wait times or lower satisfaction—an area for policy intervention.

Admission Patterns

Admission Flag Insight: About **40–50%** of patients visiting the ER were actually admitted, indicating the seriousness of conditions.

Departmental Admission Rates: Cardiology and Neurology had the highest admission conversion from ER.

Case Managers' Impact: Patients with dedicated case managers had shorter wait times and higher satisfaction.

Summary

The Hospital Emergency Room Dashboard reveals key insights into operational efficiency and patient experiences. Wait time significantly impacts satisfaction, especially during peak hours. Departments like Orthopedics and Cardiology handle most referrals, suggesting high demand. Elderly and young adults dominate ER visits, with racial disparities indicating areas needing attention. Admission rates are highest for critical care departments, underscoring the importance of triage and case management. Strategic staffing, resource allocation, and equity-focused policies can greatly enhance ER performance.