HOSPITAL EMERGENCY ROOM DASHBOARD

MONTHLY VIEW **Feb 2023**

Year: 2023

Month Name: Feb

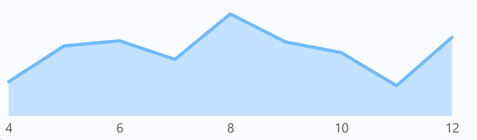
- Monthly View
- Consolidated View
- Patient Details
- Key Takeaways

No. of Patients

129

Avg Wait Time

33.8 Min



Patient Satisfaction Score

4.90

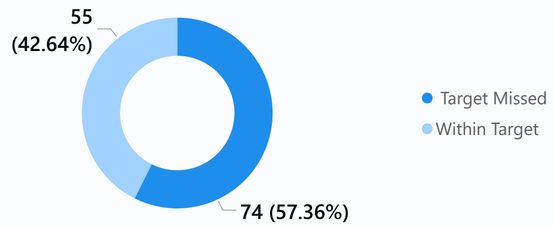
No. of Patients Referred

56

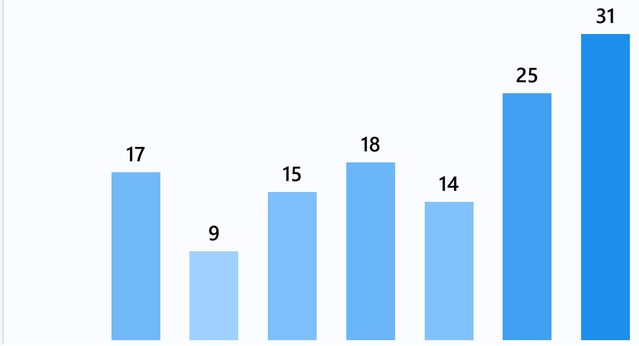
Patient Admission Status

Admission Satus	Patients	% of Patients
Not Admitted	65	50.39%
Admitted	64	49.61%

% of Patients Seen Within 30 Min

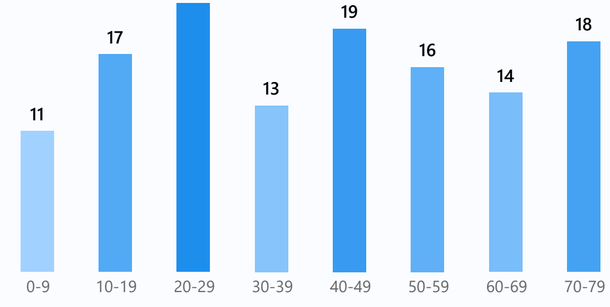


No of Patients by Day & Hour

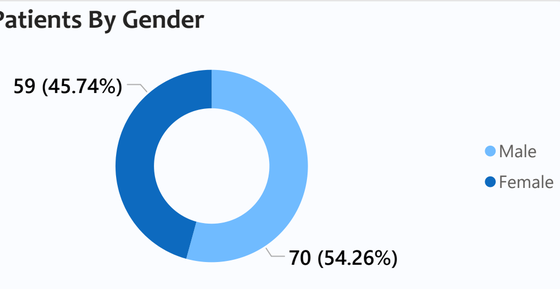


Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	3	2	1	1		2	2
03-04	2	1		1		2	4
05-06		2	1	4	2	3	2
07-08	3		2	2	1		2
09-10	2	1		2	1	1	2
11-12	2		1	2	3	2	
13-14		1	2	3		4	3
15-16			4		3	3	1
17-18	4	1			2	2	6
19-20			3	1	1	1	5
21-22	1		1	1		4	4
23-24		1		1	1	1	

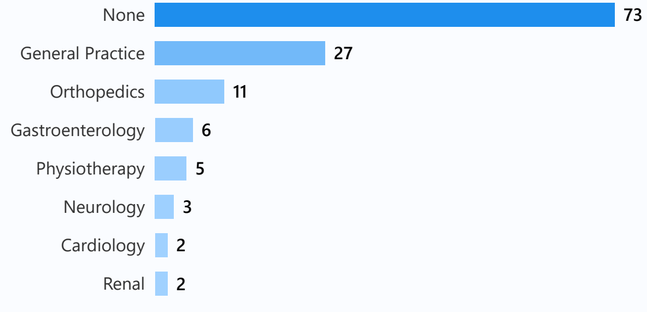
No of Patients by Age Group



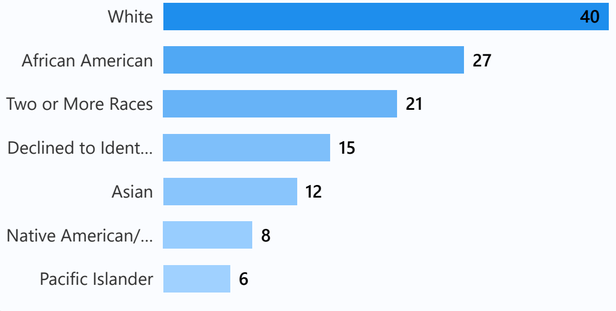
% of Patients By Gender



No of Patients by Department Referral



No of Patients by Race



HOSPITAL EMERGENCY ROOM DASHBOARD

CONSOLIDAED VIEW

1/4/2023 — 10/30/2024

Monthly View

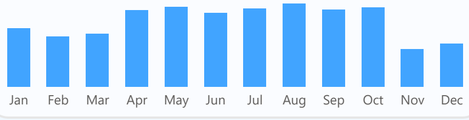
Consolidated View

Patient Details

Key Takeaways

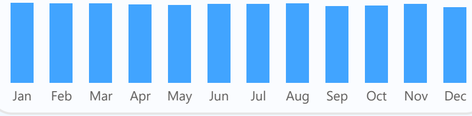
No. of Patients

8892



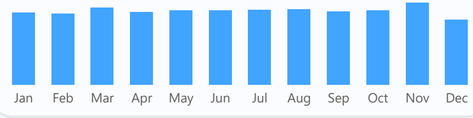
Avg Wait Time

35.2 Min



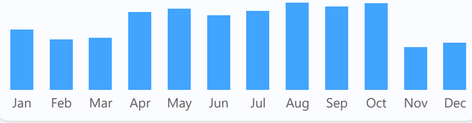
Patient Satisfaction Score

4.99



No. of Patients Referred

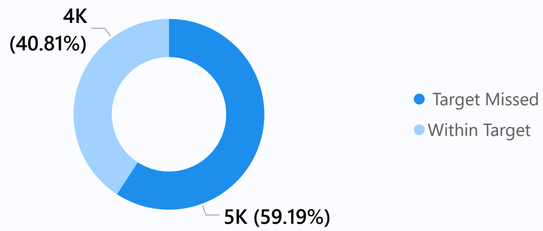
3692



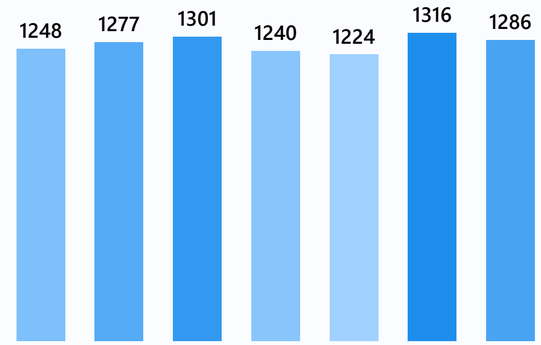
Patient Admission Status

Admission Satus	Patients	% of Patients
Not Admitted	4449	50.03%
Admitted	4443	49.97%

% of Patients Seen Within 30 Min

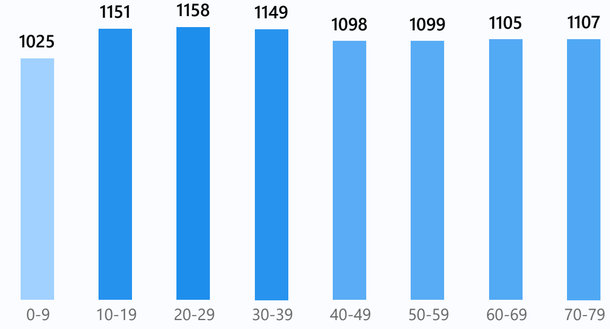


No of Patients by Day & Hour

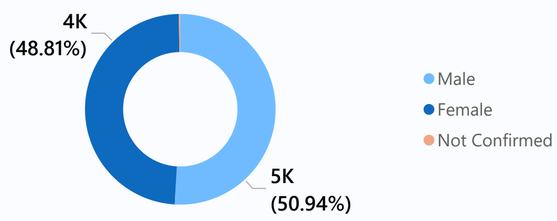


Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	101	106	110	91	117	109	112
03-04	101	112	101	92	108	127	98
05-06	118	120	106	106	89	113	101
07-08	99	117	122	119	109	91	100
09-10	98	113	117	107	88	113	102
11-12	108	99	109	102	97	118	94
13-14	113	105	110	92	105	123	98
15-16	100	94	113	92	102	110	135
17-18	108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

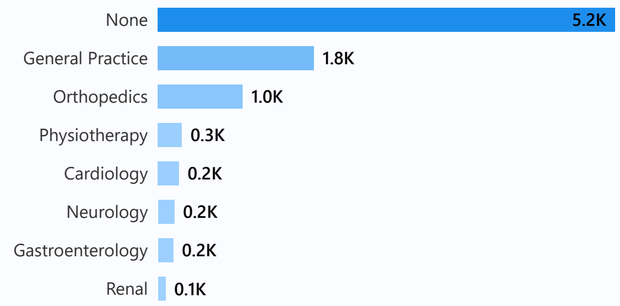
No of Patients by Age Group



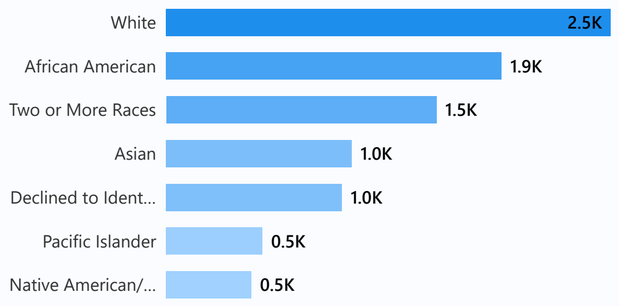
% of Patients By Gender



No of Patients by Department Referral



No of Patients by Race



HOSPITAL EMERGENCY ROOM DASHBOARD

PATIENT DETAILS

1/4/2023 10/30/2024

Monthly View

Consolidated View

Patient Details

Key Takeaways

Patient Id	Patient Name	Patient Gender	Patient Age	Patient Admin Date	Patient Race	Patient Waittime	Department Referral	Admission Satus
100-04-3993	M St Ange	Female	29	Tuesday, April 04, 2023	White	16	None	Not Admitted
100-17-5081	V Flicker	Male	67	Sunday, January 14, 2024	African American	60	None	Not Admitted
100-21-9648	W Marran	Female	39	Wednesday, January 17, 2024	Pacific Islander	22	None	Admitted
100-34-6753	B Paulus	Male	43	Monday, May 13, 2024	Pacific Islander	25	General Practice	Admitted
100-34-9587	U Lamburn	Male	20	Thursday, January 04, 2024	Declined to Identify	24	Neurology	Not Admitted
100-40-2709	O Cammack	Male	77	Monday, August 05, 2024	White	48	None	Not Admitted
100-66-0896	I Prickett	Male	2	Tuesday, March 26, 2024	African American	23	Orthopedics	Admitted
100-66-8222	F Mullane	Female	65	Saturday, December 23, 2023	Asian	17	General Practice	Not Admitted
100-67-1276	S Hallbird	Male	55	Saturday, March 11, 2023	White	11	Orthopedics	Admitted
100-70-0071	R Downham	Male	38	Sunday, January 14, 2024	African American	57	None	Not Admitted
100-72-5705	N Dudny	Female	60	Wednesday, June 19, 2024	African American	45	None	Admitted
100-74-3943	M Hallard	Female	3	Sunday, September 17, 2023	White	14	None	Admitted
100-74-5636	A Warwicker	Female	47	Tuesday, August 13, 2024	Declined to Identify	25	None	Not Admitted
100-79-0109	P Ulyatt	Female	19	Tuesday, February 27, 2024	Pacific Islander	36	Neurology	Admitted
100-81-9769	Y Moncaster	Male	28	Tuesday, September 03, 2024	White	59	None	Admitted
100-84-7203	K Ybarra	Female	37	Tuesday, June 13, 2023	White	55	None	Not Admitted
101-08-8798	L Willeson	Female	72	Wednesday, July 31, 2024	Two or More Races	48	None	Admitted
101-13-4808	V Gowdridge	Female	30	Tuesday, April 25, 2023	Declined to Identify	30	None	Admitted
101-35-3930	W Andreotti	Female	30	Wednesday, January 24, 2024	White	25	None	Admitted
101-35-7039	T Ganter	Male	26	Friday, August 02, 2024	White	56	General Practice	Admitted
101-38-5868	J Saddington	Male	14	Saturday, August 10, 2024	White	20	None	Admitted
101-50-7359	D Sabey	Female	50	Friday, October 13, 2023	White	56	None	Admitted
101-56-3319	M Kilduff	Female	44	Thursday, August 10, 2023	Asian	55	None	Admitted
101-60-5189	G Georger	Female	45	Monday, April 08, 2024	White	43	None	Not Admitted
101-63-3628	P Quest	Male	38	Saturday, July 29, 2023	Two or More Races	53	None	Not Admitted
101-66-4553	R Odd	Female	14	Saturday, March 30, 2024	Two or More Races	57	General Practice	Admitted
101-85-4810	R McBoyle	Female	74	Saturday, July 08, 2023	White	55	None	Admitted

HOSPITAL EMERGENCY ROOM DASHBOARD

KEY TAKEAWAYS

Monthly View

Consolidated View

Patient Details

Key Takeaways

Descriptive Analysis (Jan 2023-Dec 2024)

The emergency room dataset, covering a period of 24 months, records of 9,216 unique patients.

Patient Wait Time & Satisfaction:

The average wait time was around **35 minutes**, showing room for improvement in managing patient flow. Patient satisfaction scored an average of **4.99 out of 10**, indicating moderate satisfaction and areas to enhance the patient experience.

Department Referrals:

A significant number of patients (5200) did not required referrals. Among those referred, the most common were **General Purpose (1840 cases)** and Orthopedics (995 Cases), followed by physiotherapy (276 Cases) and Cardiology (248 Cases).

Peak busy periods:

The busiest day were **Saturdays (1316 patients)**, Wednesdays (1301 Patients), and Sundays (1286 Patients). The busiest hours were 11AM, 7 PM, 01 PM, and 11 PM indicating need of ample staffing during these periods.

Patient Demographics:

Age Groups: Adults **(20-29 Years)** formed a large group **(1158 Patients)**, followed by young adults (10-19 Years) with 1151 Patients. Other significant groups included adults and 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 **(4443) were admitted**, while the rest **(4449) were treated and released**.

Summary:

The data highlights high patient volumes, moderate satisfaction levels, and frequent referrals to General Practice and Orthopedics. The busiest times are on weekends and during late-night to early-morning hours. The patient population is diverse in terms of age and race, and admissions are almost equal to discharges. These insights can help improve staffing, resource allocation, and patient care in the emergency room.