HOSPITAL EMERGENCY ROOM DASHBOARD

MONTHLY VIEW

Feb 2024

Month: Feb

Year: 2024

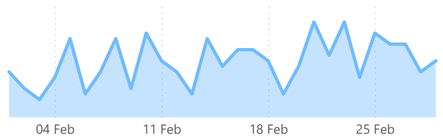
Monthly View

Consolidated view

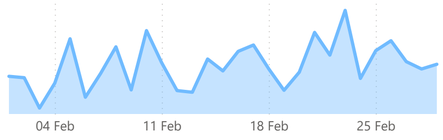
Patient Details

Key Takeways

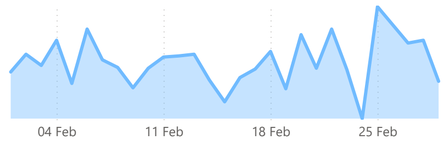
No. of Patients
431



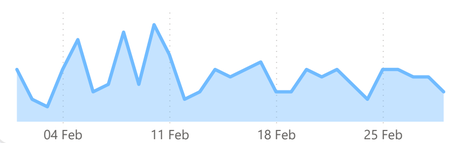
Avg Wait Time
36.7 MIN



Patient Satisfaction Score
4.72



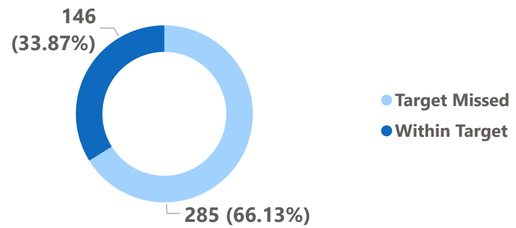
No. of Patients Referred
179



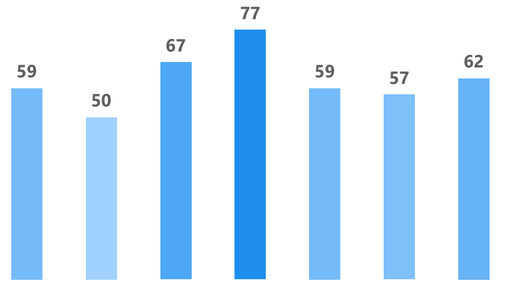
Patient Admission Status

Admission Status	Patients	% of Total
Admitted	224	51.97%
Not Admitted	207	48.03%

% of Patients seen Within 30 Min

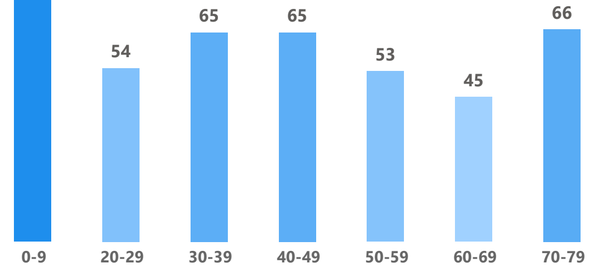


Number of Patients by Day and Hour

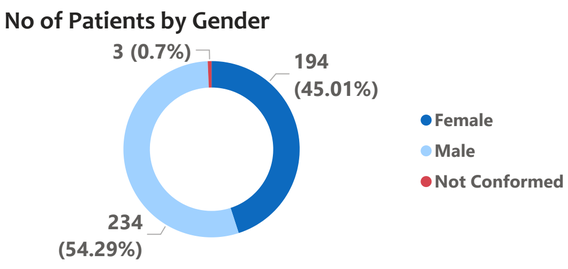


Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	7	3	6	6	4	2	5
03-04	6	4	5	6	5	3	
05-06	3	7	5	4	7	5	6
07-08	6	5	2	7	2	6	2
09-10	5	3	6	9	2	10	3
11-12	8	5	5	3	7	9	8
13-14	6	5	8	6	4	1	6
15-16	3	1	5	5	3	4	10
17-18	2	5	7	10	6	4	3
19-20	8	2	4	6	5	2	4
21-22	3	5	6	5	8	5	7
23-24	2	5	8	10	6	6	8

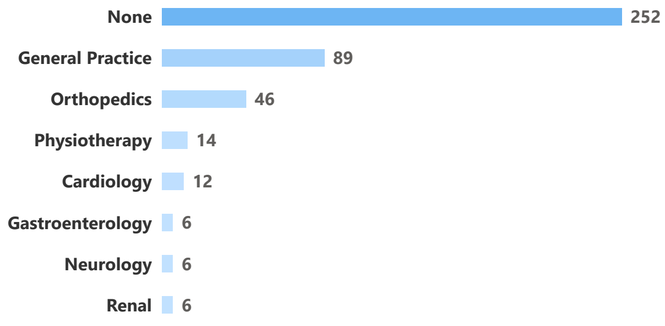
No. of Patients by Age Group



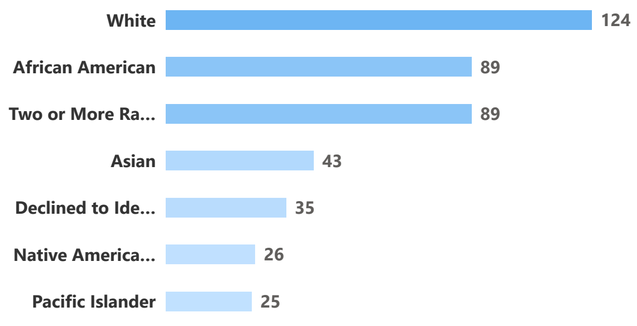
No of Patients by Gender



No of Patients by Department Referral



No of Patients by Patients Race



HOSPITAL EMERGENCY ROOM DASHBOARD

CONSOLIDATED VIEW

Date: 01-01-2024 – 30-10-2024

Monthly View

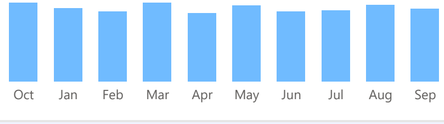
Consolidated view

Patient Details

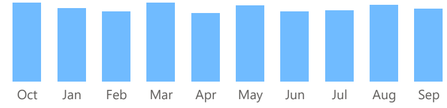
Key Takeways

No. of Patients
4878

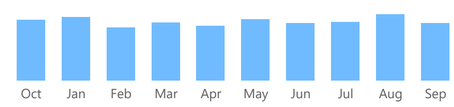
Avg Wait Time
35.5 MIN



Patient Satisfaction Score
4.96



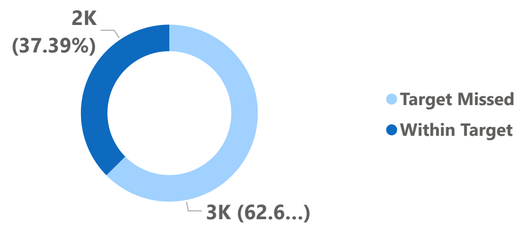
No. of Patients Referred
1992



Patient Admission Status

Admission Status	Patients	% of Total
Admitted	2455	50.33%
Not Admitted	2423	49.67%

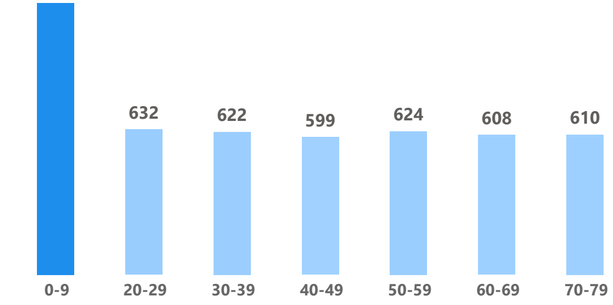
% of Patients seen Within 30 Min



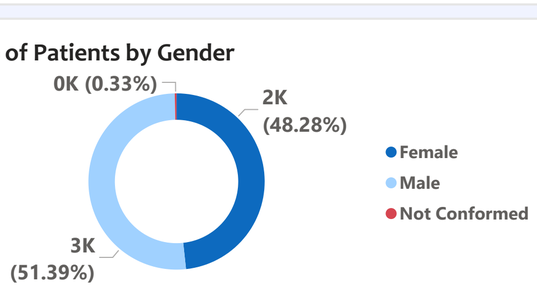
Number of Patients by Day and Hour

Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	65	54	47	59	51	57	56
03-04	63	47	58	49	64	66	54
05-06	65	67	52	55	53	59	61
07-08	48	70	51	71	66	54	62
09-10	59	55	65	62	52	73	54
11-12	60	58	56	60	63	62	52
13-14	62	50	67	55	51	52	54
15-16	54	49	59	47	51	57	75
17-18	58	64	52	72	60	54	51
19-20	67	46	46	50	61	67	55
21-22	61	56	50	58	47	53	58
23-24	56	68	57	68	60	71	74

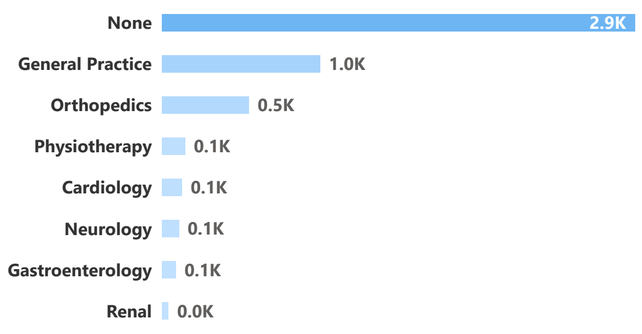
No. of Patients by Age Group



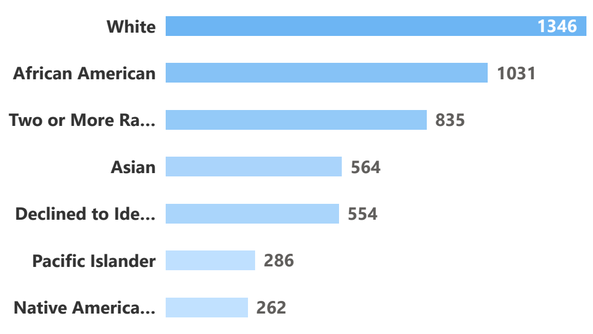
No of Patients by Gender



No of Patients by Department Referral



No of Patients by Patients Race



HOSPITAL EMERGENCY ROOM DASHBOARD

PATIENT DETAILS

Date: 01-01-2024 – 30-10-2024

Monthly View

Consolidated view

Patient Details

Key Takeways

Patient Id	Patient Name	Patient Gender	Patient Age	Patient Admission Date	Patient Race	Patient Waittime	Department Referral	Admission Status
115-71-1308	A Jeggo	Female	1	26-04-2024 21:32:00	White	12	None	Not Admitted
176-25-2920	B Shanklin	Female	1	22-05-2024 01:05:00	African American	39	Orthopedics	Admitted
180-76-2943	X Zarfai	Female	1	15-06-2024 19:14:00	White	29	None	Not Admitted
207-58-3631	W MacElharge	Female	1	28-06-2024 15:10:00	Asian	32	Physiotherapy	Not Admitted
212-14-9787	R Holhouse	Female	1	11-03-2024 18:02:00	White	41	None	Admitted
216-39-5937	P Dupre	Female	1	17-06-2024 11:36:00	White	34	None	Not Admitted
249-15-8609	Q Crammy	Female	1	09-10-2024 07:28:00	Two or More Races	20	General Practice	Admitted
260-50-0772	O Coston	Male	1	12-10-2024 21:07:00	Two or More Races	19	None	Admitted
328-12-4206	K Bexon	Male	1	01-10-2024 15:44:00	White	11	Cardiology	Not Admitted
349-86-9740	L Withnall	Female	1	29-05-2024 18:23:00	Two or More Races	44	None	Not Admitted
362-51-7082	P Kegg	Female	1	04-01-2024 13:16:00	Pacific Islander	25	General Practice	Not Admitted

HOSPITAL EMERGENCY ROOM DASHBOARD

KEY TAKEWAYS

Monthly View

Consolidated view

Patient Details

Key Takeways

Descriptive Analysis

(April 2023 - October 2024)

The emergency room dataset, covering a period of 19 months, records a total of 9,216 unique patients.

Patients Wait Time & Satisfaction:

The Average wait time was approximately **35.3 minutes,** indicating a need for improvement to enhance patients flow. The **Average satisfaction score** was **4.99 out of 10,** suggesting moderate and highlighting areas for improving patient experience.

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].

Peek busy Periods:

The Busiest day were **Monday[1377 Patients],** Saturday[1322 Patients], and Tuesday[1318 Patients]. The busiest hours were 11 AM, 7 PM, 01 PM , and 11 PM indicating need of ample staffing during these periods.

Patients Demographics:

Age Groups: Adults **[30-39 Years]** formed a large groups **[1200 Patients],** followed by young adults [20-29] , with 1198 Patients. Other significant groups included middle aged as well [40-50 Years].

Race Distribution:

The largest racial groups 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 Pattern:

Nearly half of the patients **[4612] were admitted** , while the **rest [4604] were treated and released.**

Summary:

The dataset reveals high patients volumes, moderate satisfaction levels, and common referrals to General Practice. Mondays and late night to early mornings hours are particularly busy. The patients demographics show a diverse age and racial composition, with nearly equal numbers of admitted patients . These insights can help optimize resource allocation and improve patients care in the emergency room.