HOSPITAL EMERGENCY ROOM DASHBOARD

MONTHLY VIEW **Feb 2024**

Year: 2024

Month Name: Feb

Monthly View

Consolidated View

Patient Details

Key Takeaways

No. of Patients
431

Avg Wait Time
36.7 Min

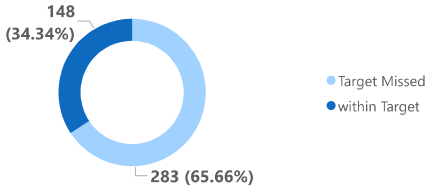
Patient Satisfaction Score
4.72

No of Patients Referred
179

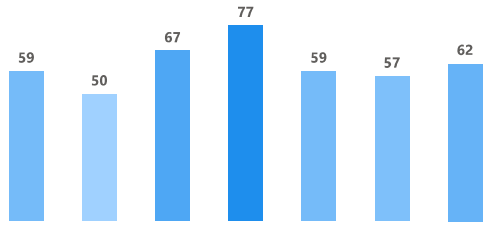
Patients Admission Status

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

% of Patients Seen Within 30 Min

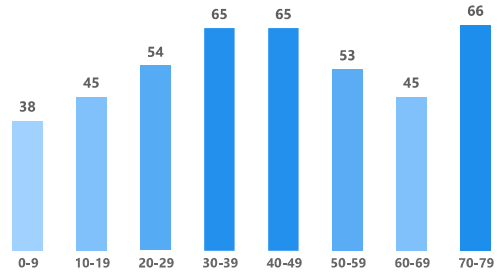


No of Patients by Day and Hour

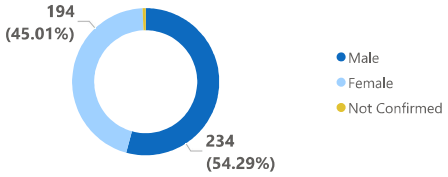


Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	7	3	6	6	4	2	5
03-04	6	4	5	6	5	3	
05-06	3	7	5	4	7	5	6
07-08	6	5	2	7	2	6	2
09-10	5	3	6	9	2	10	3
11-12	8	5	5	3	7	9	8
13-14	6	5	8	6	4	1	6
15-16	3	1	5	5	3	4	10
17-18	2	5	7	10	6	4	3
19-20	8	2	4	6	5	2	4
21-22	3	5	6	5	8	5	7
23-24	2	5	8	10	6	6	8

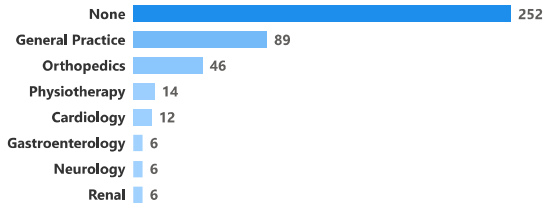
No of Patients by Age Group



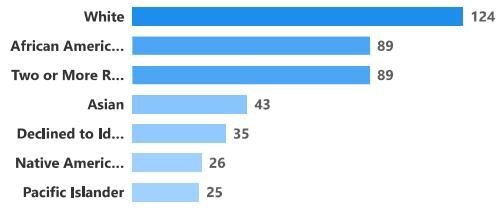
No of Patients by Gender



No of Patients by Department Referral



No of Patients by Patient Race



HOSPITAL EMERGENCY ROOM DASHBOARD

CONSOLIDATED VIEW

01-04-2023 30-10-2024

Monthly View

Consolidated View

Patient Details

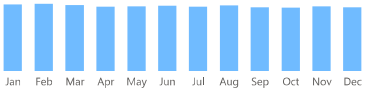
Key Takeaways

No. of Patients

9216

Avg Wait Time

35.3 Min



Patient Satisfaction Score

4.99

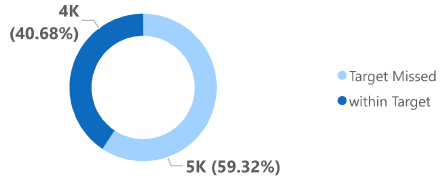
No of Patients Referred

3816

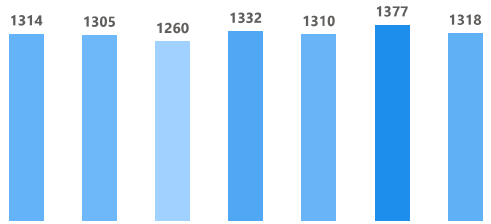
Patients Admission Status

Admission Status	Patients	% of Total
Admitted	4612	50.04%
Not Admitted	4604	49.96%

% of Patients Seen Within 30 Min

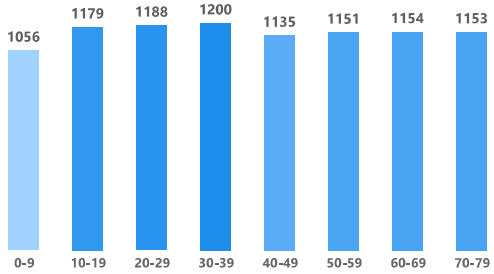


No of Patients by Day and Hour

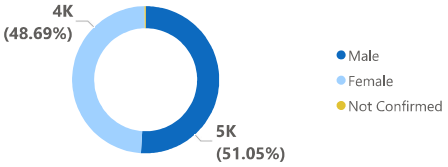


Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	114	107	102	106	113	118	118
03-04	111	107	104	100	113	128	98
05-06	125	122	104	104	98	114	110
07-08	84	123	111	124	127	102	119
09-10	116	112	107	113	102	124	100
11-12	107	106	98	111	122	109	99
13-14	115	107	117	105	107	123	102
15-16	99	94	117	111	102	110	129
17-18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

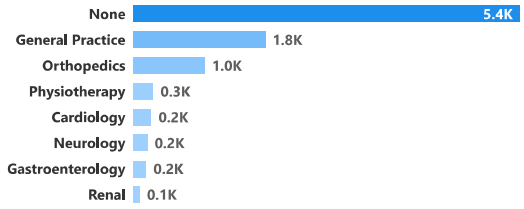
No of Patients by Age Group



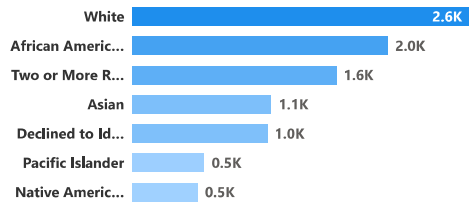
No of Patients by Gender



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 Full Name	Patient Gender	Patient Age	Year	Quarter	Month	Day	Patient Race	Patient Waittime	Department Referral	Admission Status
100-17-5081	V Flicker	Male	67	2024	Qtr 1	January	14	African American	60	None	Not Admitted
100-21-9648	W Marran	Female	39	2024	Qtr 1	January	17	Pacific Islander	22	None	Admitted
100-34-6753	B Paulus	Male	43	2024	Qtr 2	May	13	Pacific Islander	25	General Practice	Admitted
100-34-9587	U Lamburn	Male	20	2024	Qtr 2	April	1	Declined to Identify	24	Neurology	Not Admitted
100-40-2709	O Cammack	Male	77	2024	Qtr 2	May	8	White	48	None	Not Admitted
100-66-0896	I Prickett	Male	2	2024	Qtr 1	March	26	African American	23	Orthopedics	Admitted
100-70-0071	R Downham	Male	38	2024	Qtr 1	January	14	African American	57	None	Not Admitted
100-72-5705	N Dudny	Female	60	2024	Qtr 2	June	19	African American	45	None	Admitted
100-74-5636	A Warwicker	Female	47	2024	Qtr 3	August	13	Declined to Identify	25	None	Not Admitted
100-79-0109	P Ulyatt	Female	19	2024	Qtr 1	February	27	Pacific Islander	36	Neurology	Admitted
100-81-9769	Y Moncaster	Male	28	2024	Qtr 1	March	9	White	59	None	Admitted
101-08-8798	L Willeson	Female	72	2024	Qtr 3	July	31	Two or More Races	48	None	Admitted
101-35-3930	W Andreotti	Female	30	2024	Qtr 1	January	24	White	25	None	Admitted
101-35-7039	T Ganter	Male	26	2024	Qtr 1	February	8	White	56	General Practice	Admitted
101-38-5868	J Saddington	Male	14	2024	Qtr 4	October	8	White	20	None	Admitted
101-60-5189	G Georger	Female	45	2024	Qtr 3	August	4	White	43	None	Not Admitted
101-66-4553	R Odd	Female	14	2024	Qtr 1	March	30	Two or More Races	57	General Practice	Admitted
102-07-2442	C Crees	Male	35	2024	Qtr 4	October	7	Asian	38	None	Admitted
102-20-6596	V Asson	Female	69	2024	Qtr 2	June	11	African American	33	General Practice	Not Admitted
102-21-5953	O Annett	Female	49	2024	Qtr 3	August	14	White	11	Orthopedics	Not Admitted
102-24-8249	A Staples	Male	2	2024	Qtr 1	March	1	African American	27	General Practice	Not Admitted
102-54-1653	J Mowson	Female	50	2024	Qtr 2	April	27	African American	51	Orthopedics	Not Admitted
102-60-4609	Y Rutt	Female	52	2024	Qtr 1	January	17	Declined to Identify	60	General Practice	Not Admitted

HOSPITAL EMERGENCY ROOM DASHBOARD

Key Takeaways

Monthly View

Consolidated View

Patient Details

Key Takeaways

Descriptive Analysis

(April 2023 - October 2024)

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

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.

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)

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, 01 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