HOSPITAL EMERGENCY ROOM DASHBOARD

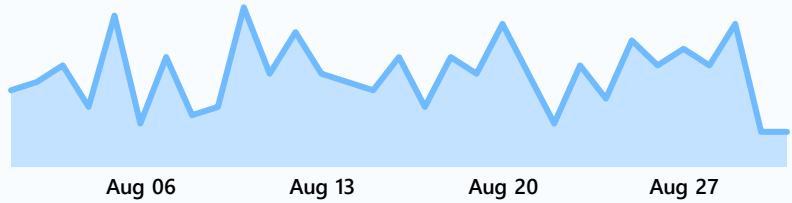MONTHLY VIEW   **Aug 2023**

Year 2023
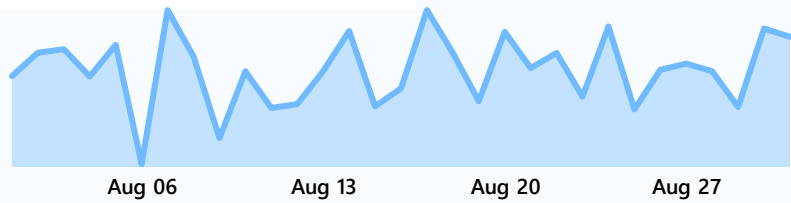
Month Name Aug
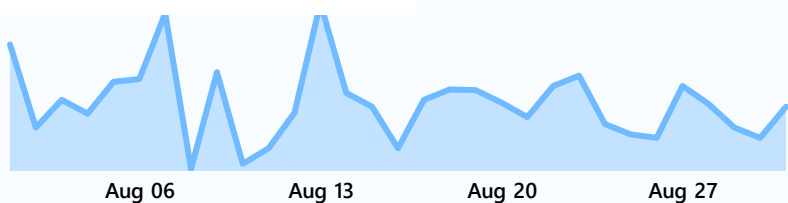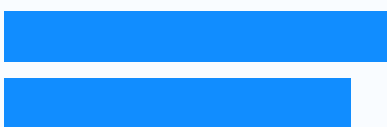
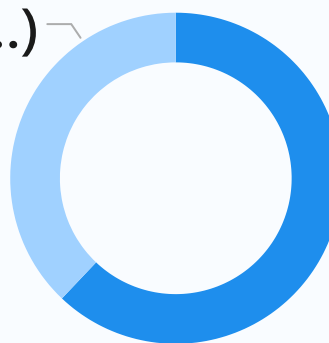| No. of Patients	Avg Wait Time	Patient Satisfaction Score	No. of Patients Referred
493	36.4 Min	5.06	191

Navigation

- **Monthly view**
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- Patient Details
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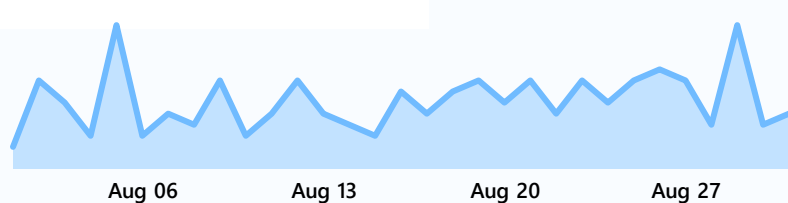
Patients Admission Status

Admitted Status	Patiennts	%of Total
Not Admitted	260	52.74%
Admitted	233	47.26%

% Warting time status

187.0 (3...)
306.0 (62%)

Warting time status

Warting time status	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Target Missed	46	42	44	53	35	46	40
Within Target	20	29	27	22	31	31	27

No. of Patients by Age Group

Age Group	Count
0-9	64
10-19	74
20-29	54
30-39	73
40-49	62
50-59	53
60-69	61
70-79	52
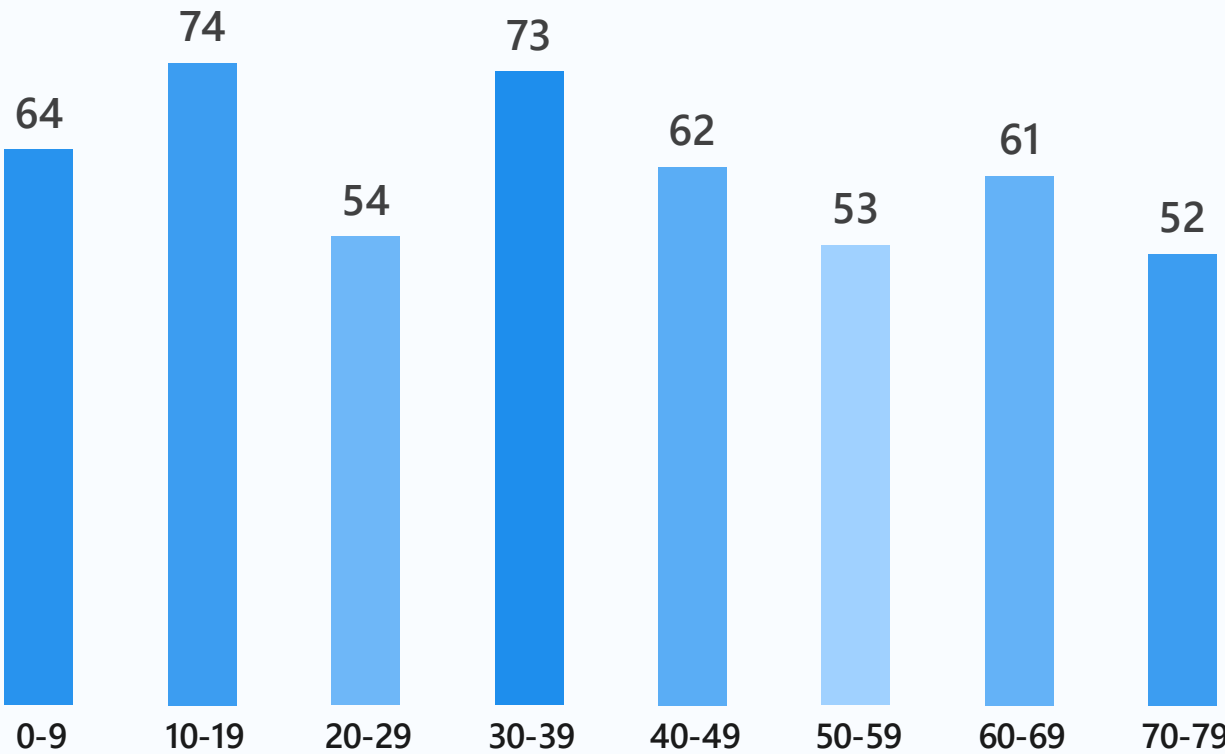
No.of Patients by Gender

240.0 (49%)
253.0 (51%)
- Male
- Female
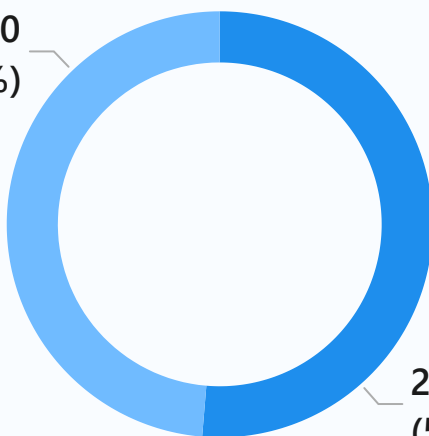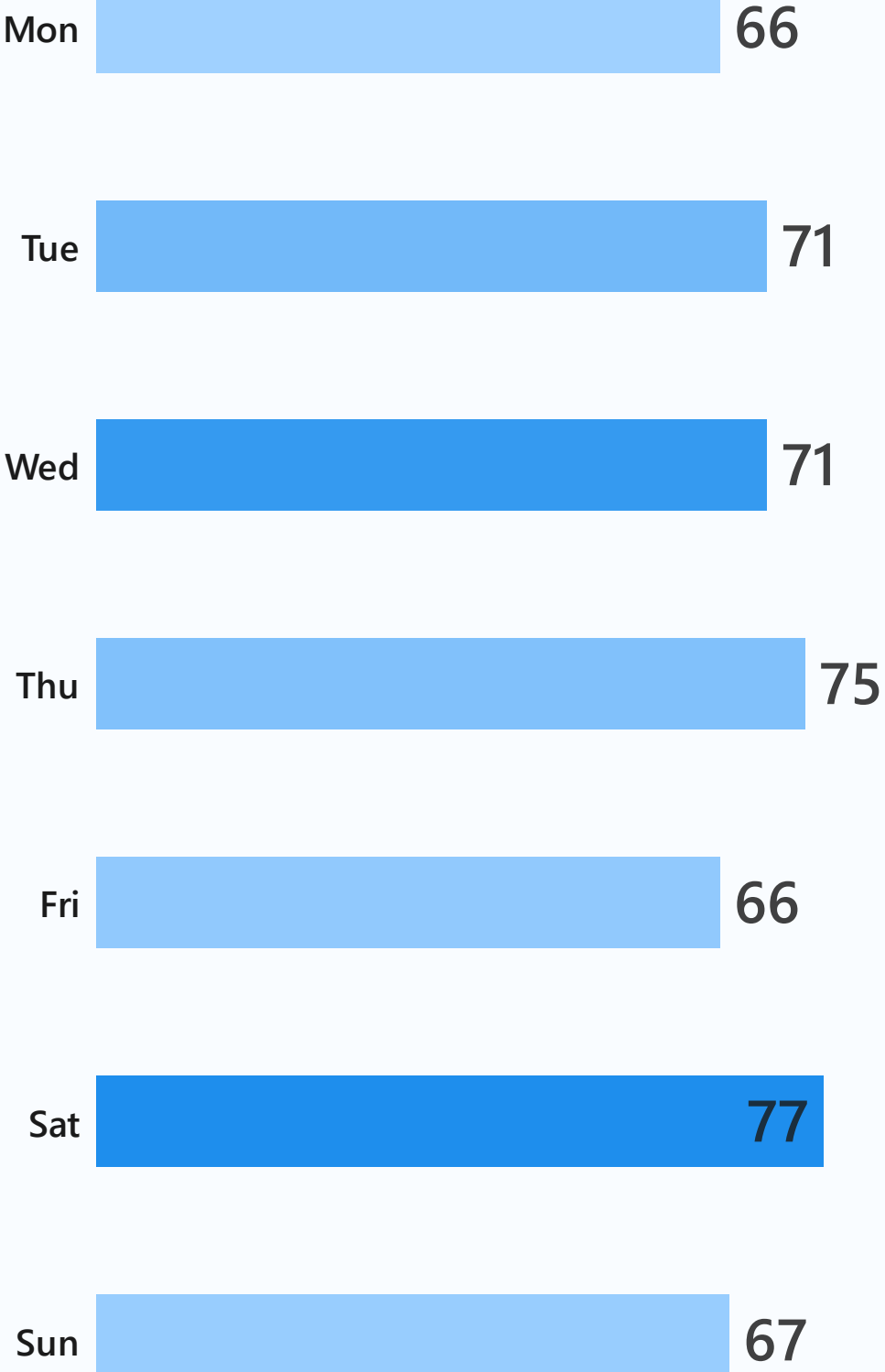
No of Patients by Day name

Day	Count
Mon	66
Tue	71
Wed	71
Thu	75
Fri	66
Sat	77
Sun	67

No of Patients by Department Referral

Department	Count
None	302
General Practice	92
Orthopedics	49
Cardiology	17
Physiotherapy	11
Gastroenterology	8
Neurology	8
Renal	6

No of Patients by Patient Race

Race	Count
White	137
African Ameri...	108
Two or More ...	91
Declined to I...	54
Asian	47
Pacific Islander	36
Native Ameri...	20
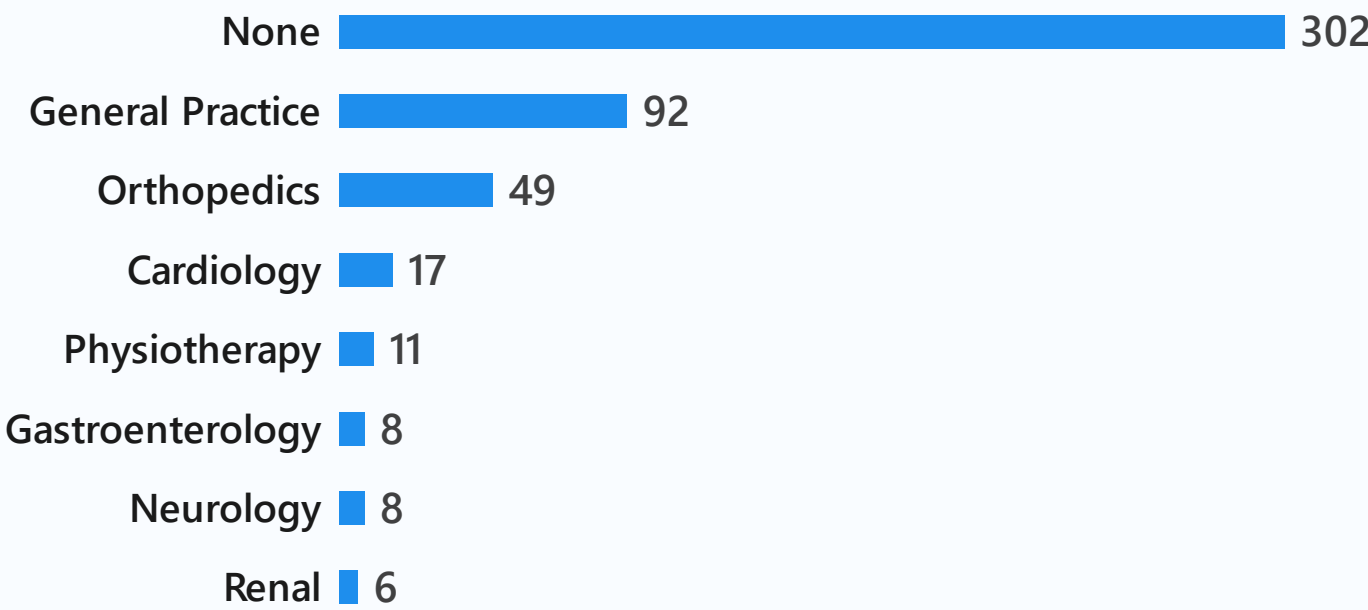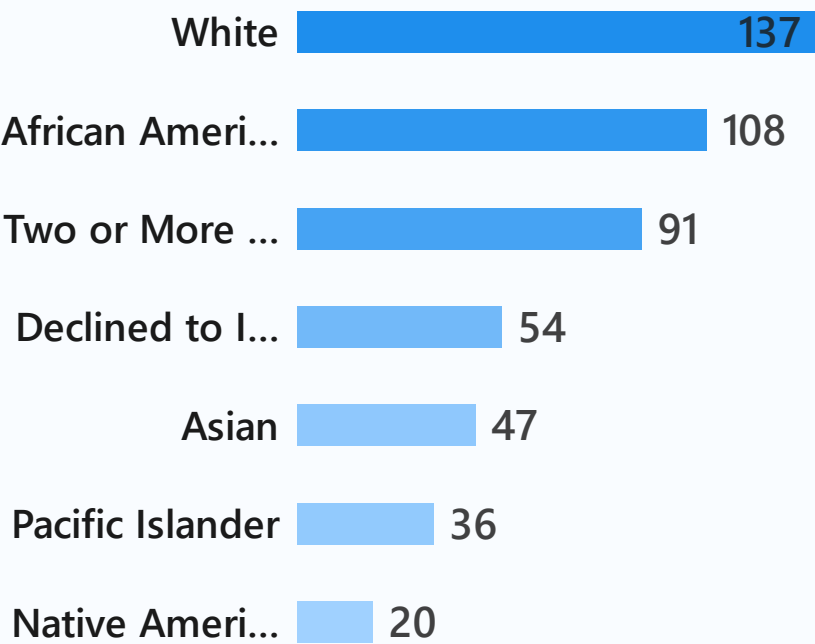
HOSPITAL EMERGENCY ROOM DASHBOARD
CONSOLIDATED VIEW

4/1/2023 10/30/2024

No. of Patients
9215

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Avg Wait Time
35.3 Min

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Patient Satisfaction Score
4.99

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

No. of Patients Referred
3816

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Monthly view
Consolidated view
Patient Details
Key Takeaways

Patients Admission Status

Admitted Status	Patiennts	%of Total
Admitted	4611	50.04%
Not Admitted	4604	49.96%

No. of Patients by Age Group

Age Group	Count
0-9	1056
10-19	1179
20-29	1188
30-39	1200
40-49	1135
50-59	1151
60-69	1153
70-79	1153

% Warting time status

3.7K (41%)
5.5K (59%)

No.of Patients by Gender

0.0K (0%)
4.5K (49%)
4.7K (51%)

- Male
- Female
- NC

No of Patients by Department Referral

Department	Count
None	5.4K
General Practice	1.8K
Orthopedics	1.0K
Physiotherapy	0.3K
Cardiology	0.2K
Neurology	0.2K
Gastroenterology	0.2K
Renal	0.1K

No of Patients by Patient Race

Race	Count
White	2.6K
African Ameri...	2.0K
Two or More ...	1.6K
Asian	1.1K
Declined to I...	1.0K
Pacific Islander	0.5K
Native Ameri...	0.5K

Warting time status

Warting time status	Mon	Tue	Wed	Thu	Fri	Sat	S
Target Missed	802	767	745	770	757	837	7
Within Target	512	538	514	562	553	540	5

No of Patients by Day name

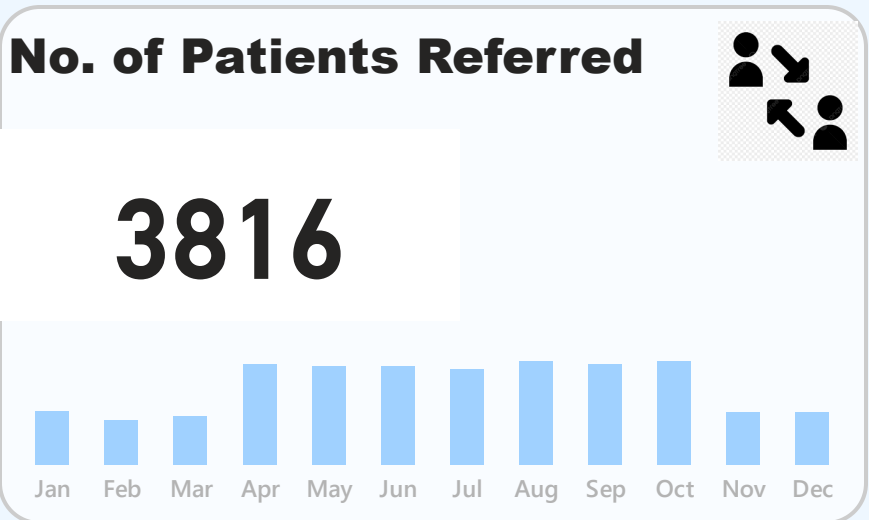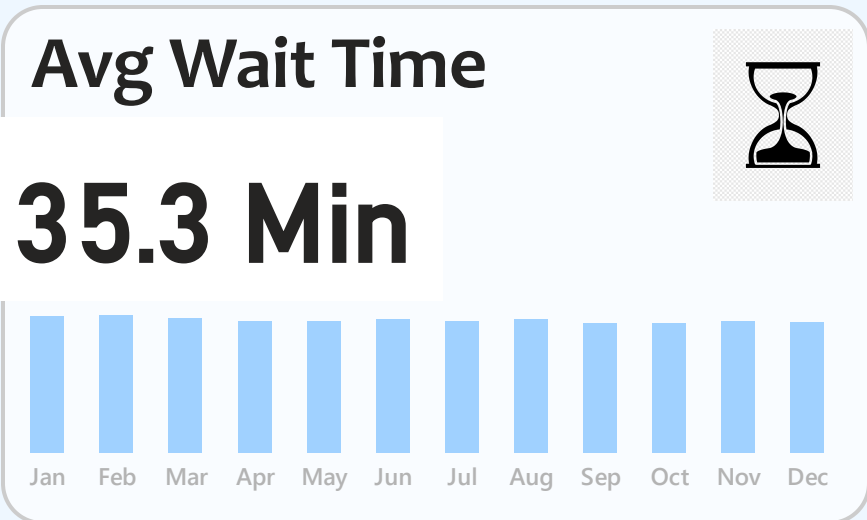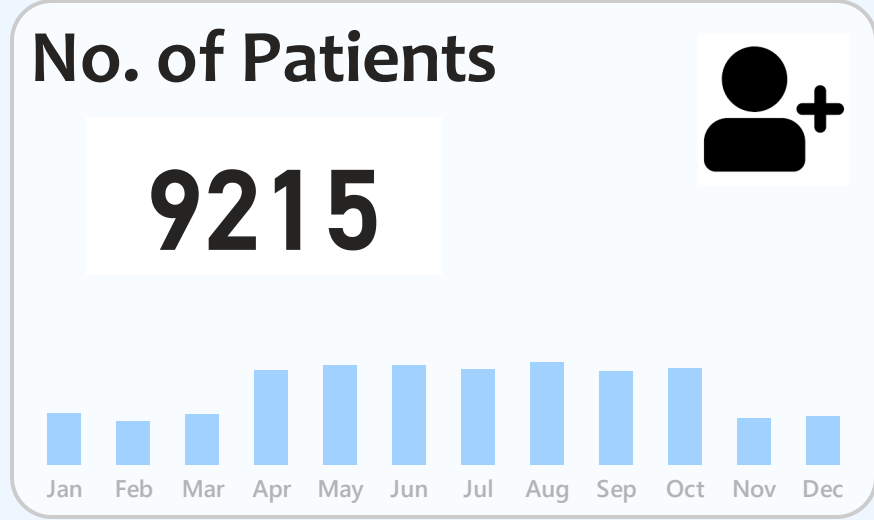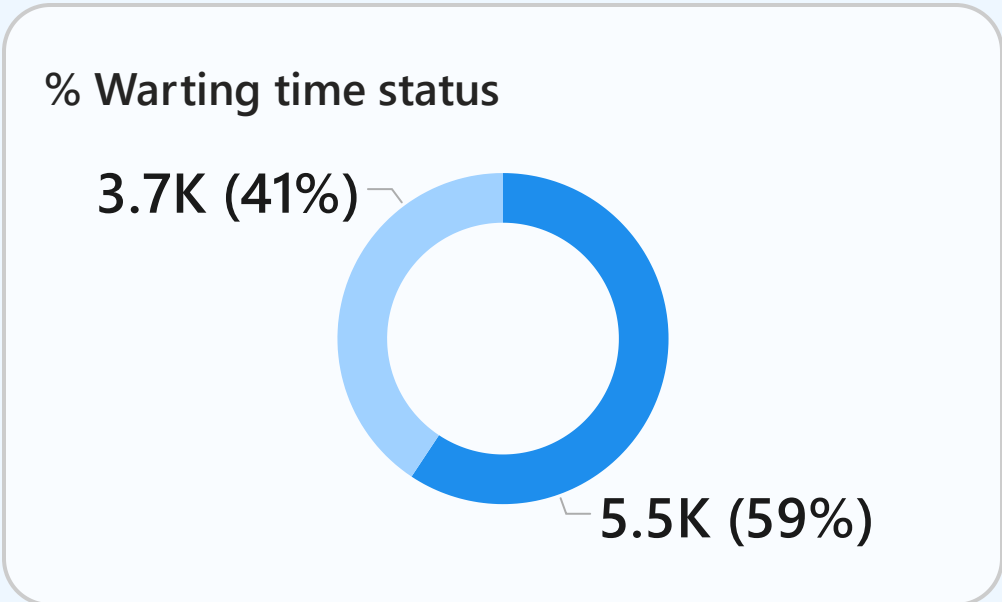| Day	Count
Mon	1314
Tue	1305
Wed	1259
Thu	1332
Fri	1310
Sat	1377
Sun	1318
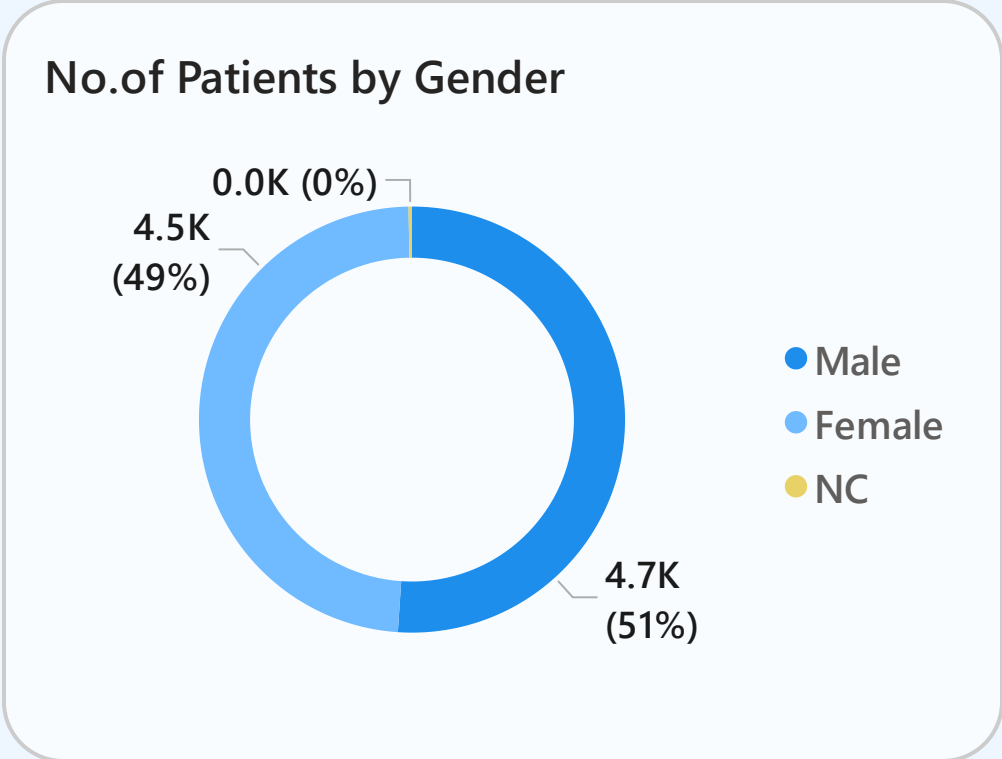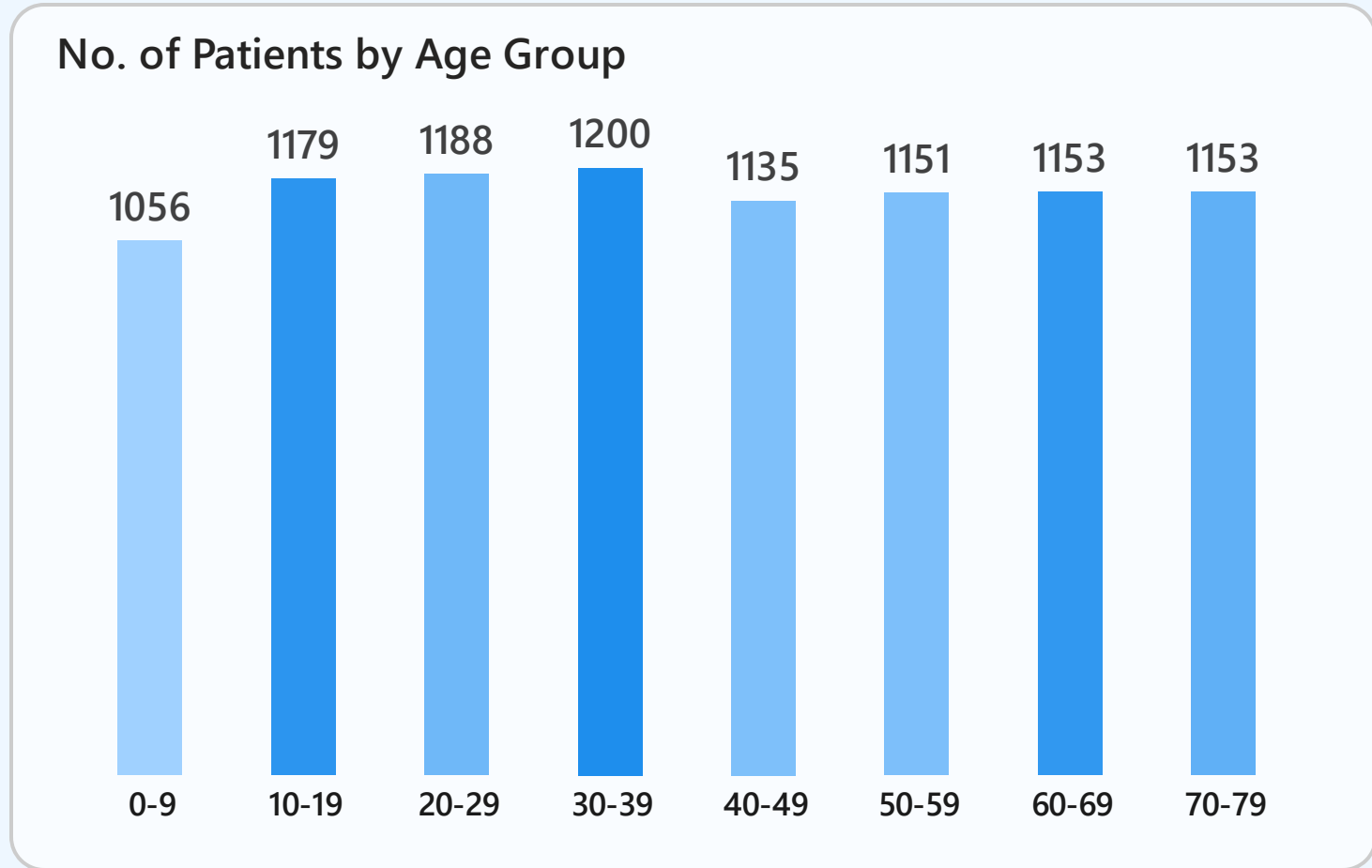
HOSPITAL EMERGENCY ROOM DASHBOARD
PATIENT DETAILS

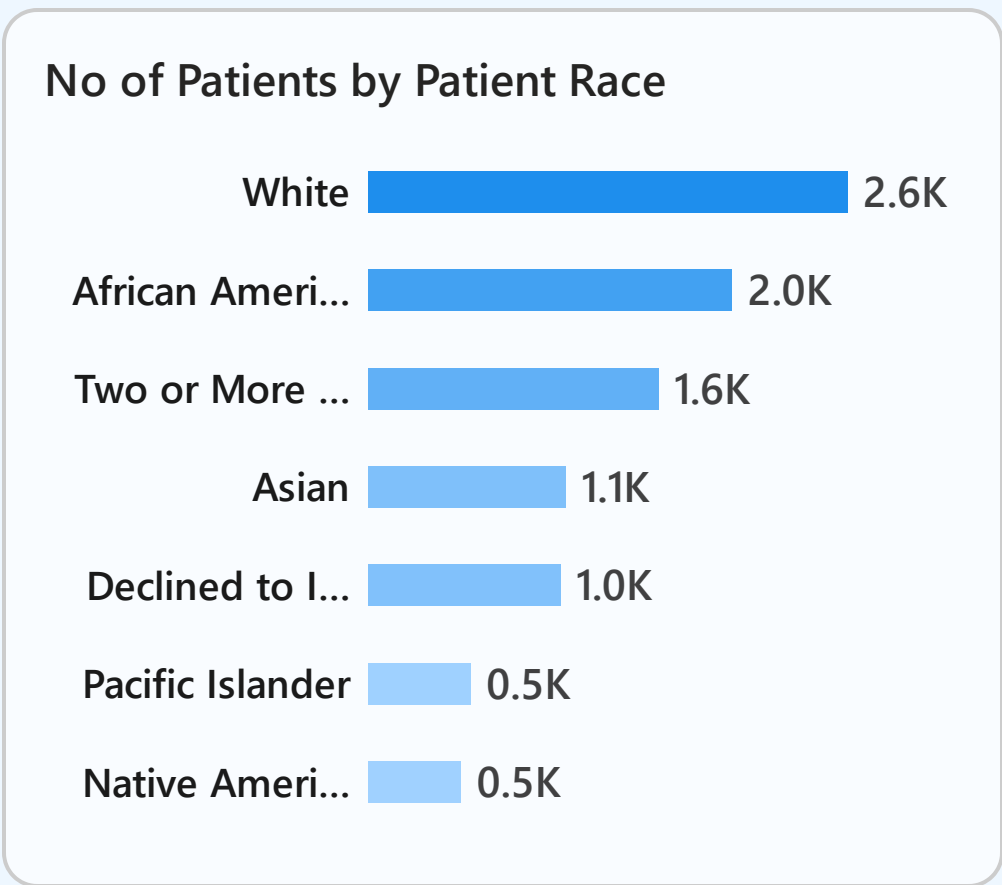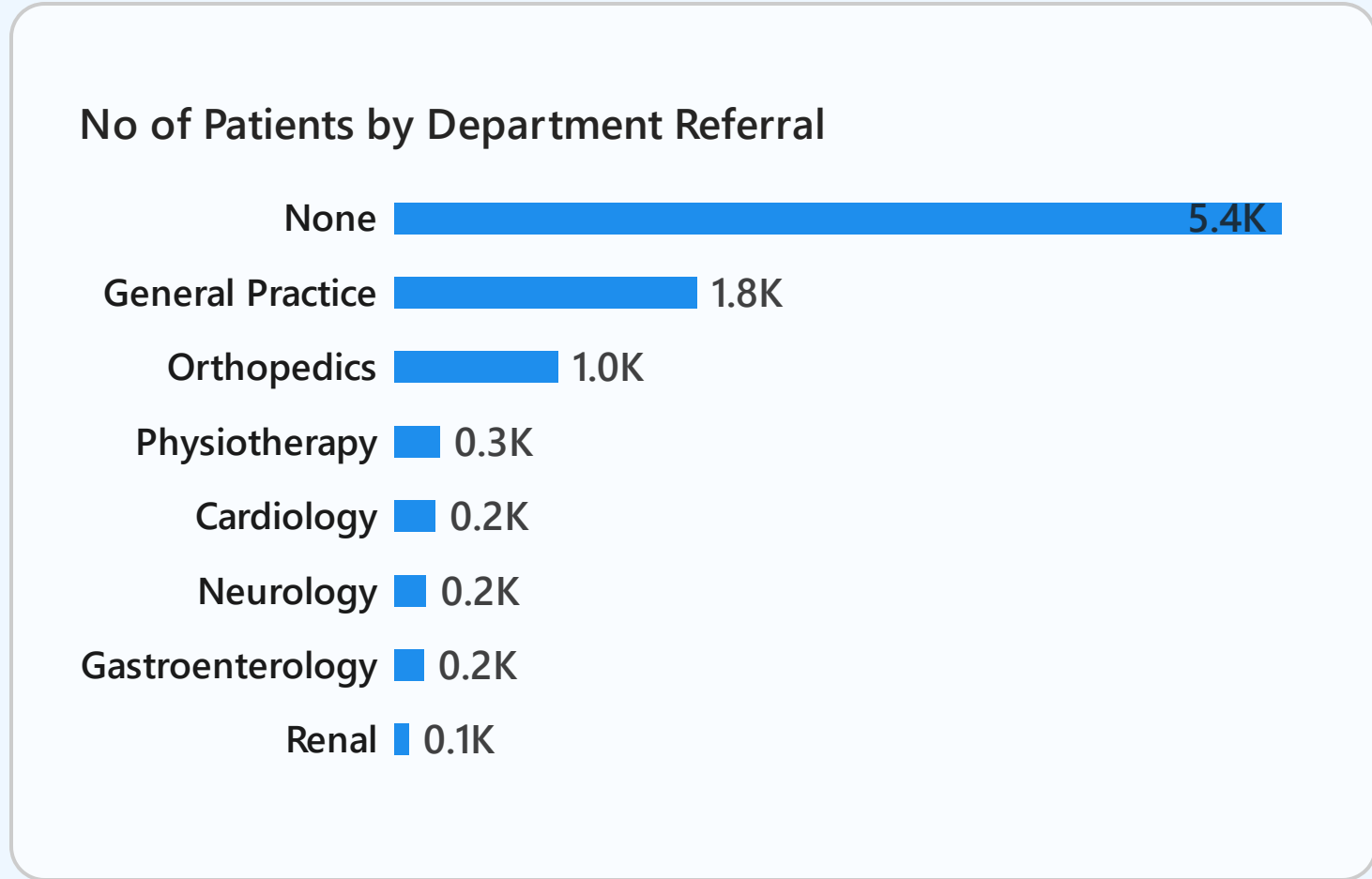Monthly view

Consolidated view

Patient Details

Key Takeaways

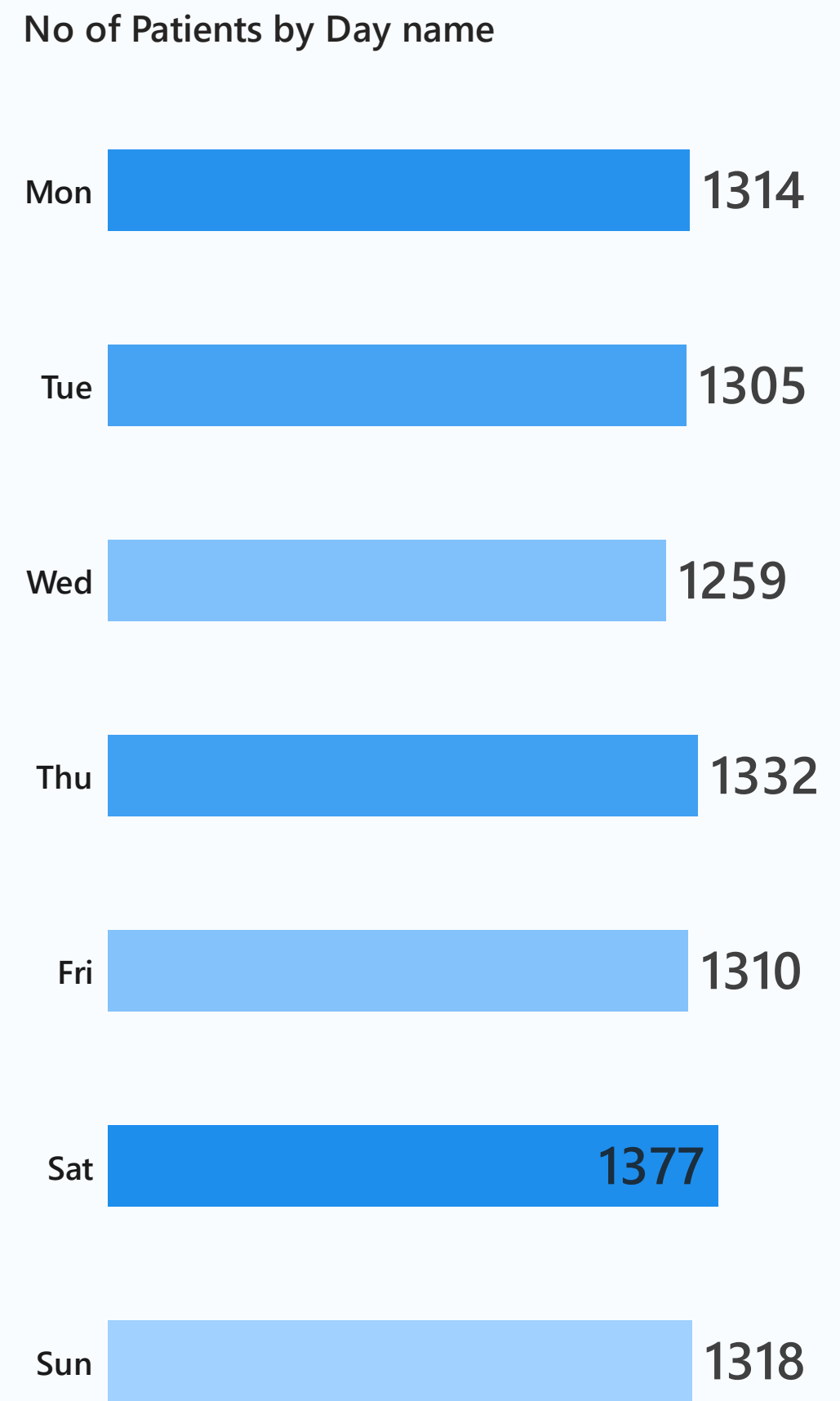| Patient Id	Patient Name	Patient Gender	Patient Age	Patient Admission Date	Patient Race	Patient Waittime	Department Referral	Admission Status
107-06-8299	D Jeynes	Female	50	5 September, 2023	Declined to Identify	10	General Practice	Not Admitted
107-19-6298	K Clendennen	Male	28	15 August, 2024	Asian	10	Orthopedics	Not Admitted
111-90-3138	P Claige	Male	1	17 October, 2023	African American	10	Orthopedics	Admitted
119-06-4805	Q Franzen	Male	75	15 February, 2024	Asian	10	General Practice	Admitted
120-58-8955	N Grayling	Male	69	13 September, 2023	White	10	None	Admitted
126-09-0081	Y Waiting	Female	67	9 June, 2023	African American	10	Orthopedics	Admitted
127-74-5580	B Lambswood	Male	17	27 May, 2024	Two or More Races	10	General Practice	Not Admitted
128-10-0306	P Boyett	Female	45	23 June, 2024	African American	10	None	Not Admitted
132-94-9742	E Nappin	Female	48	27 February, 2024	White	10	General Practice	Admitted
137-21-4628	Q Warrick	Male	34	10 May, 2024	Asian	10	General Practice	Not Admitted
150-06-3104	W Melland	Female	20	14 May, 2024	Asian	10	General Practice	Admitted
153-51-8349	X Mancktelow	Male	18	4 May, 2024	Declined to Identify	10	None	Admitted
156-26-5666	N Keysall	Female	2	20 October, 2024	Declined to Identify	10	General Practice	Admitted
158-96-8777	Z MacCheyne	Male	21	27 June, 2023	White	10	None	Not Admitted
170-12-3064	M Brandrick	Female	22	22 August, 2023	African American	10	General Practice	Not Admitted
176-32-3686	N Brimson	Male	26	8 April, 2023	White	10	Cardiology	Not Admitted
182-51-4982	C Ferreira	Male	52	29 December, 2023	Asian	10	None	Admitted
183-23-8555	R Priestnall	Male	77	23 June, 2024	White	10	None	Admitted
184-86-0569	V Kilcullen	Female	41	21 October, 2023	Asian	10	Gastroenterology	Admitted
187-33-6988	Z Scotfurth	Male	64	21 September, 2024	Asian	10	General Practice	Not Admitted
189-58-3826	G Alekseev	Male	78	5 July, 2023	White	10	None	Admitted
197-06-5889	O Stillert	Male	76	16 April, 2024	White	10	General Practice	Admitted
198-65-1159	Z Crake	Male	24	5 October, 2024	African American	10	None	Admitted
200-87-7696	V Giovani	Female	13	26 August, 2024	African American	10	None	Admitted
200-98-7030	Y Gerckens	NC	65	27 June, 2024	White	10	Gastroenterology	Not Admitted
208-63-9371	V Verralls	Male	42	1 December, 2023	Pacific Islander	10	General Practice	Admitted
219-14-6147	Z Girardengo	Male	63	10 January, 2024	Native American/Alaska Native	10	Renal	Not Admitted
220-02-8548	E Mattiazzo	Male	50	14 December, 2023	White	10	None	Not Admitted
220-45-5150	H Ruddoch	Male	57	18 August, 2024	Declined to Identify	10	None	Admitted
222-26-0023	X Swaite	Female	79	22 September, 2024	White	10	None	Admitted

Descriptive Analysis

(April 2023 - October 2024)

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

Department Referral :

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 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.

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 (4640) were treated and released.

Summary :

The dataset reveals high patients 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 racial composition, with nearly equal numbers oof admitted and non admitted patients. These insights can help optimize resource allocation and improve patient care in the emergency room.

- Monthly view
- Consolidated view
- Patient Details
- Key Takeaways