



Monthly View

Consolidated View

Patient Details

KeyTakeAways



108



100

HOSPITAL EMERGENCY ROOM DASHBAORD

MONTHLY VIEW

Apr 2023

Year

All

Month

All

No. of patients

9216



Avg Wait Time

35.3 Min



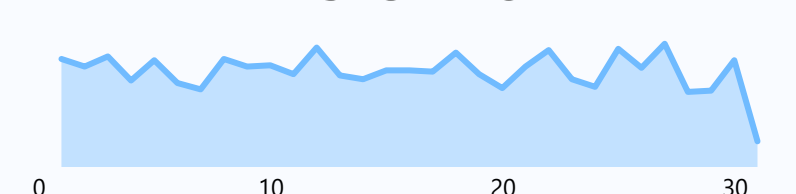
Patient Satisfaction Score

4.99



No. of patients Referred

3816



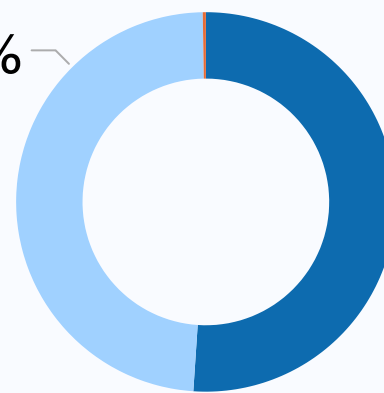
Patient Admission Status

Admission Status Patients % of Total

Admitted	4612	50.04%	<div></div>
Not Admitted	4604	49.96%	<div></div>

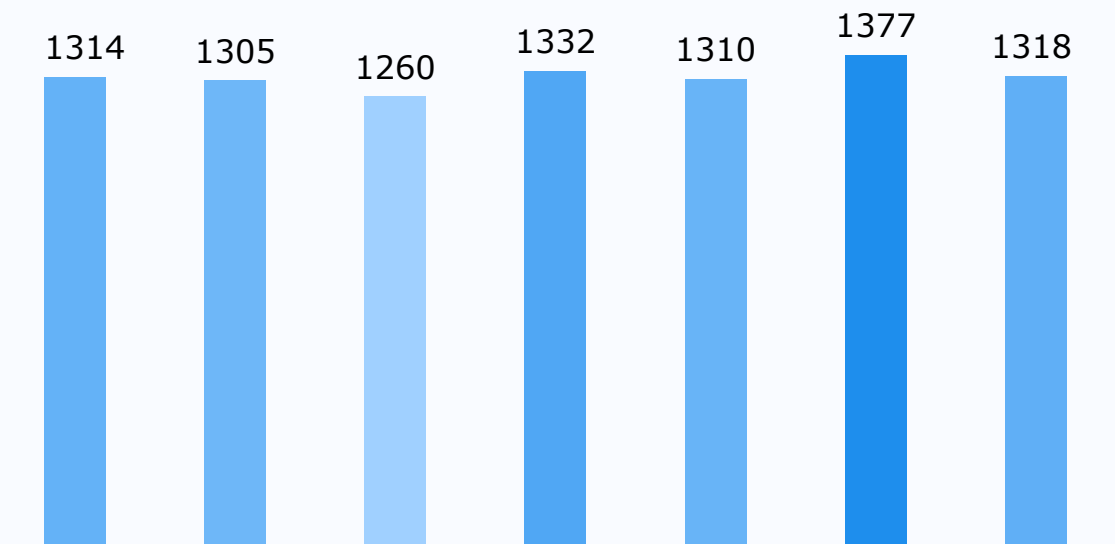
No of Patients by Gender

Female 48.7%

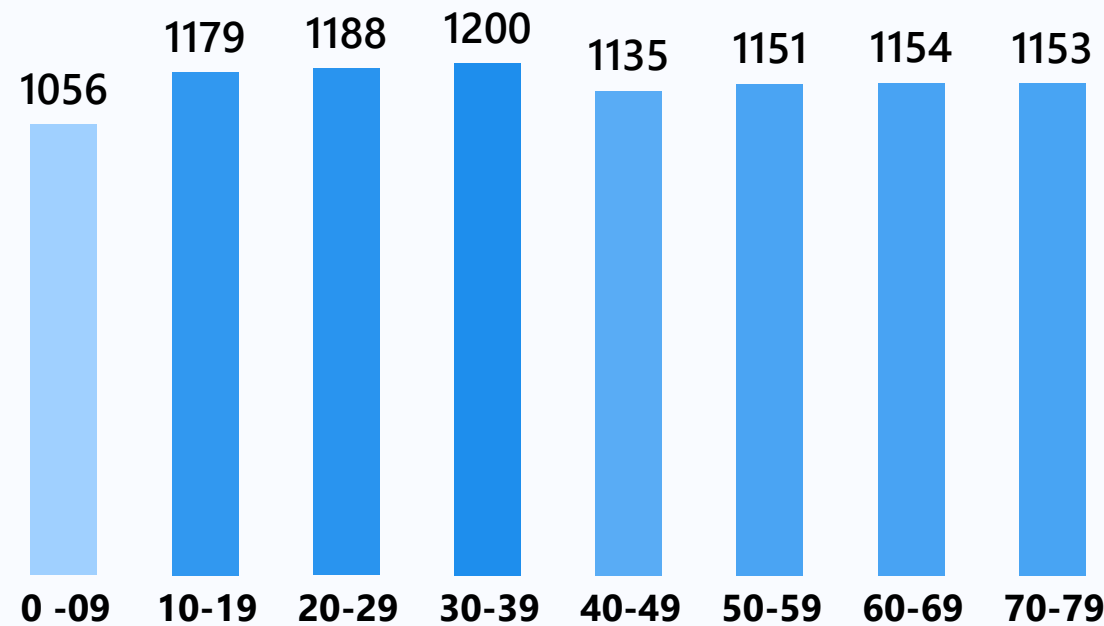


Male 51.1%

No_of_Patients by Day & Hour

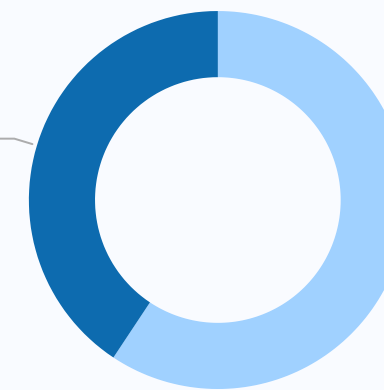


No_of_Patients by Age Group



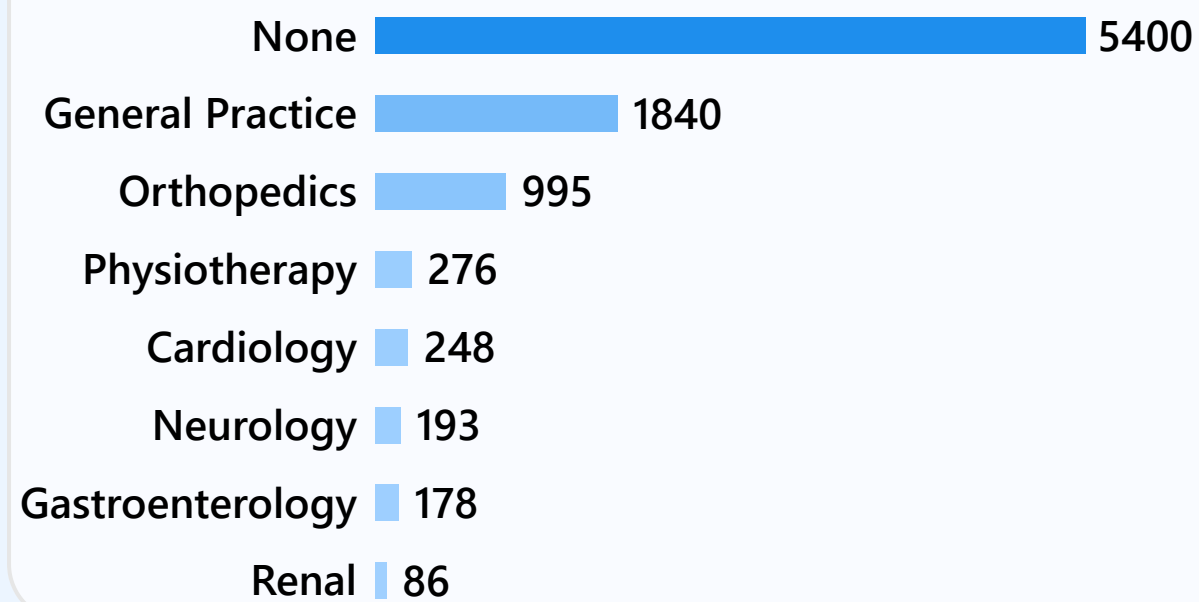
% of Patients Seen within 30 Min

Within Target 40.7%

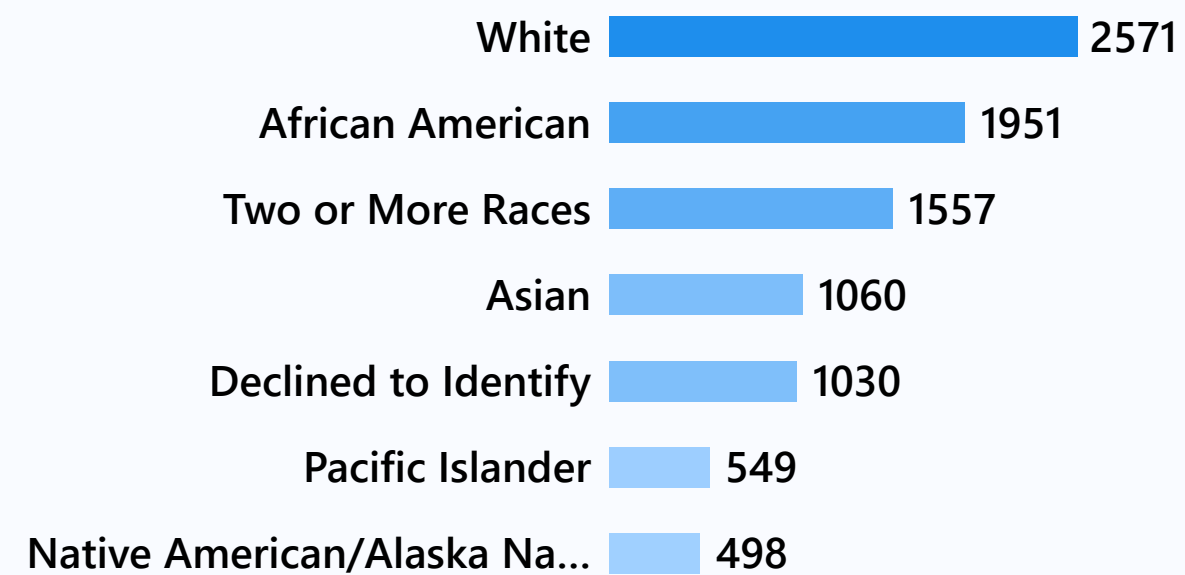


Target Missed 59.3%

No_of_Patients by Department Referral



No_of_Patients by Patient Race



Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	114	107	102	106	113	118	118
03-04	180	166	153	157	152	182	155
05-06	100	114	99	111	125	116	103
07-08	103	123	116	119	118	106	116
09-10	112	108	99	107	94	110	107
11-12	105	103	121	104	116	127	93
13-14	104	103	109	117	109	120	116
15-16	102	118	109	113	112	101	117
17-18	119	97	103	113	95	97	105
19-20	115	89	96	116	112	115	112
21-22	96	112	102	110	105	117	106
23-24	64	65	51	59	59	68	70



HOSPITAL EMERGENCY ROOM DASHBAORD

CONSOLIDATED VIEW

01-04-2023

30-10-2024

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No. of patients

9216



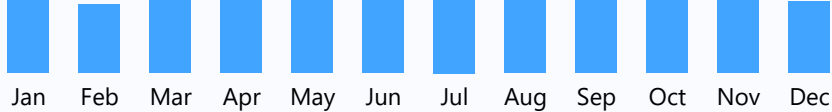
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35.3 Min



Patient Satisfaction Score

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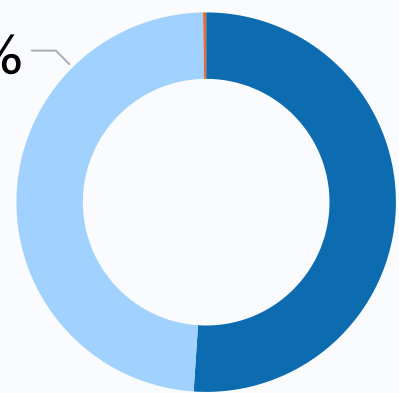
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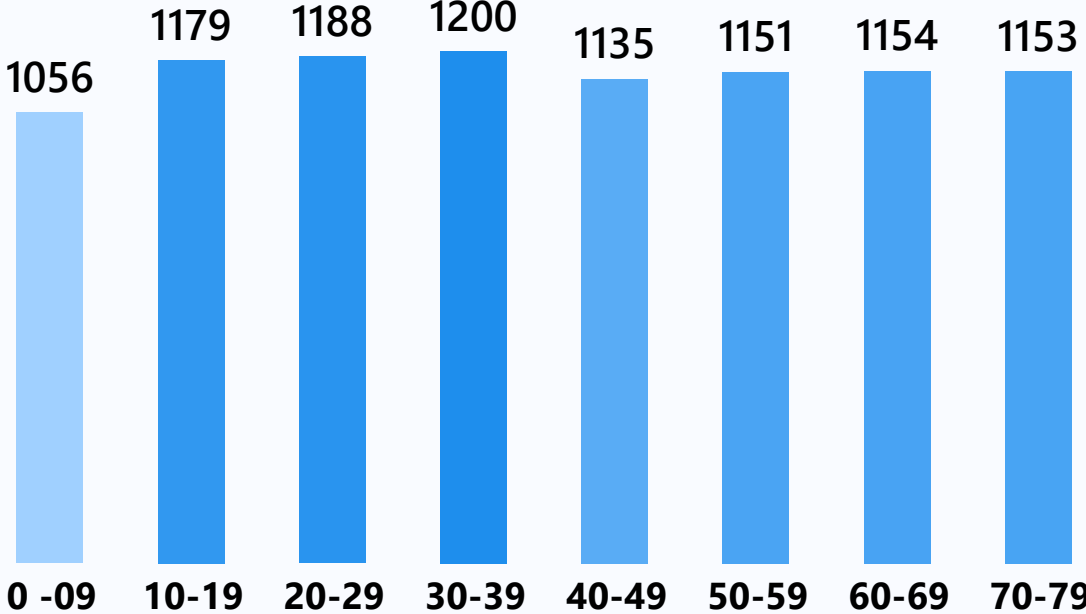
No of Patients by Gender

Female 48.7%



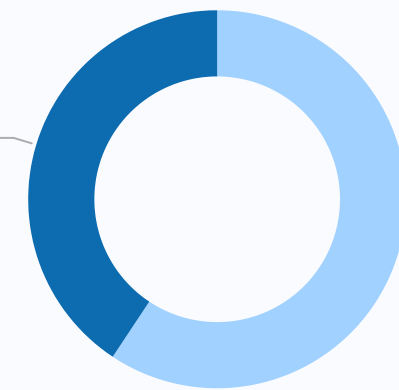
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No_of_Patients by Age Group



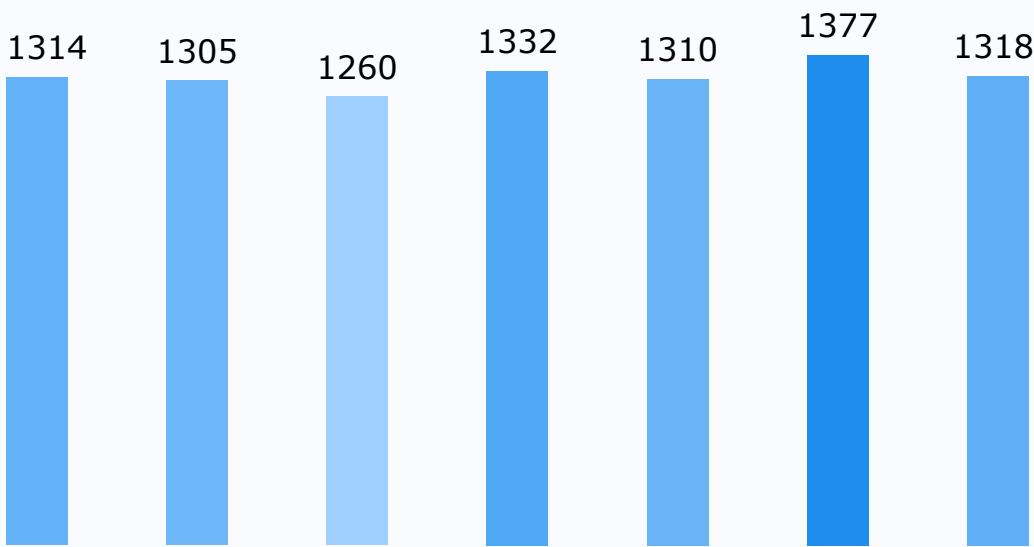
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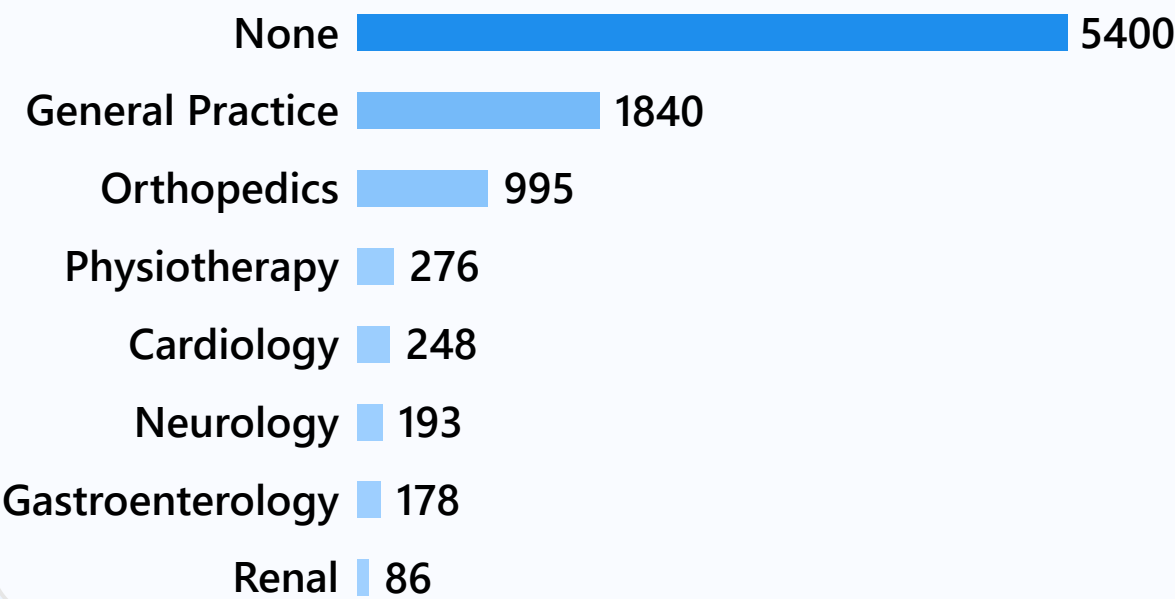


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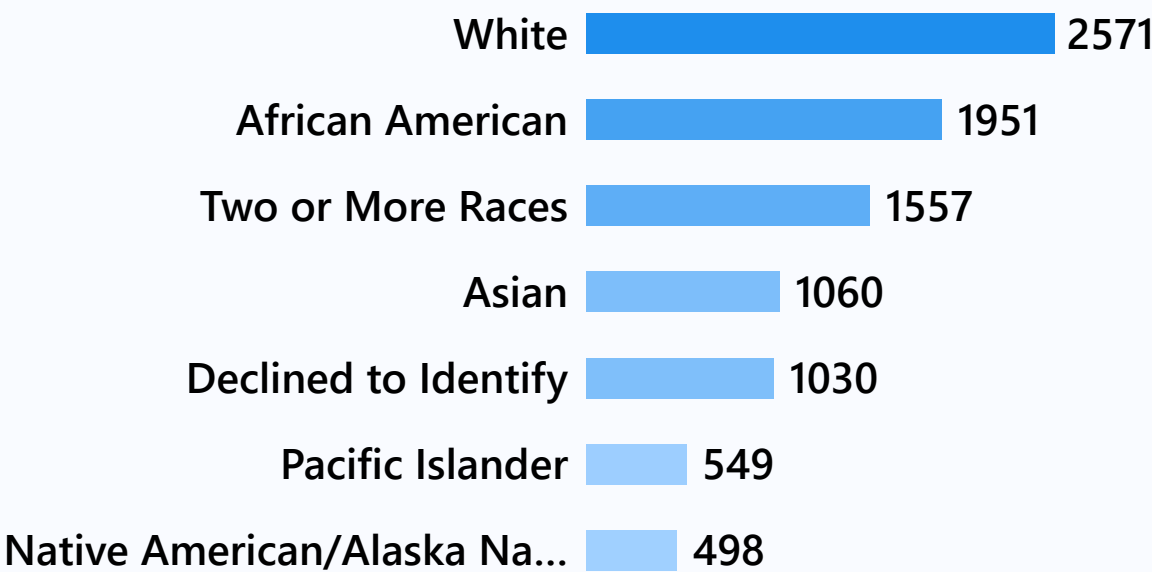
No_of_Patients by Day & Hour



No_of_Patients by Department Referral



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11-12	105	103	121	104	116	127	93
13-14	104	103	109	117	109	120	116
15-16	102	118	109	113	112	101	117
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01-04-2023

30-10-2024

PATIENT DETAILS

Patient Id	Full_Name	Gender	Age	Admit_Date	Patient Race	Patient WaitTime	Department	Referral	Admission 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
101-62-2622	D G...	Male	22	22 July 2023	Two or More Races	52	None		Not Admitted



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KEYTAKEAWAYS

Descriptive Analysis

(April 2023 - October 2024)

The Emergency room Dataset, Covering a Period of 19 months 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 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 Saturday(1377 Patients),Thursday(1332 Patients) and Sunday(1318 Patients).The busiest hours were 11 AM,7 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 (4050 Years)

Race Distribution :

The Largest racial group was [White\(2571\)](#), followed by African(1951), Multi racial (1557) and Asian (1060) Patient. A significant number of patients (1030) declined to Identify there race.

Admission Pattern :

Nearly half of patients ([4612](#))[were admitted](#), While the rest ([4604](#)) [were treated and released](#).

Summary :

The dataset reveals high patient volume, moderate satisfaction levels and common referrals to General Practice and Orthopedics. Monday and late night to early mornings hours are Particularly busy, The patient demographics shows a diverse age and racial composition with nearly equal numbers of admitted and non admitted patients ,these insights can help optimize resources allocation and improve patient care in the emergency room.