Hospital Emergency Room Dashboard

Month and Year

Jul 2023

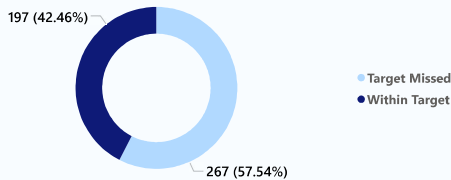| No of Patients	Average Wait Time	Patient Satisfaction Score	No of Patients Referred
464	**34.7 Min**	**4.99**	**184**

Monthly View

Consolidated View

Patient Details

Key Takeways

Patient Admission Status

Admission Status	No of Patients	%GT No of Patients
Admitted	236	50.86%
Not Admitted	228	49.14%

Percentage of Patients seen within 30 Min
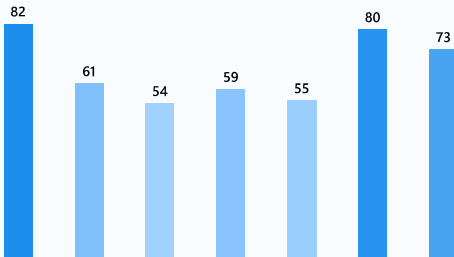
197 (42.46%)

267 (57.54%)

- Target Missed
- Within Target

No of Patients by Day Name

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	82	61	54	59	55	80	73

No of Patients by Age Group

60-69	0-9	10-19	30-39	70-79	50-59	40-49	20-29
40	54	56	56	62	63	65	68

No of Patients by Gender

1 (0.22%)

228 (49.14%)

235 (50.65%)

- Male
- Female
- Not Confirmed

No of Patients by Department Referral

Department	No of Patients
None	280
General Practice	87
Orthopedics	54
Cardiology	12
Physiotherapy	11
Neurology	9
Gastroenterology	8
Renal	3

No of Patients by Patient Race

Race	No of Patients
White	141
African American	90
Two or More Races	80
Declined to Identify	53
Asian	48
Native American/Alas...	26
Pacific Islander	26
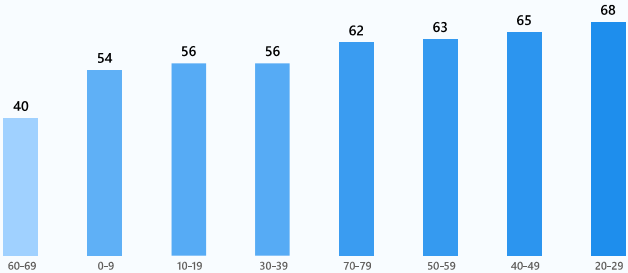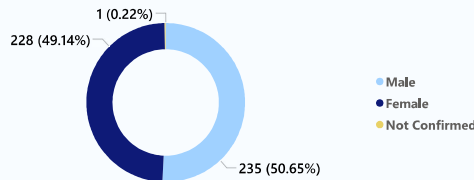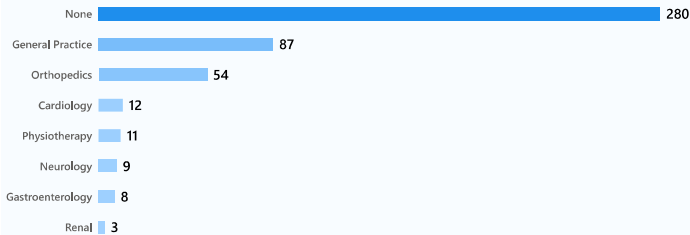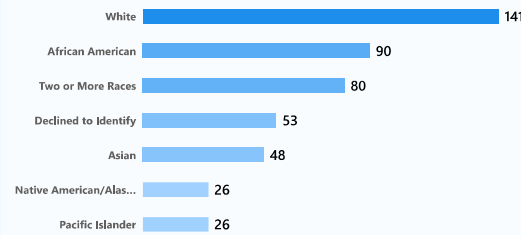
Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	5	6	8	7	9	6	11
03-04	9	6	4	5	2	10	7
05-06	4	7	3	6	4	3	4
07-08	2	5	6	3	9	8	8
09-10	13	7	3	4	1	5	6
11-12	2	4	5	5	5	5	5
13-14	12	6	3	3	6	7	7
15-16	8	4	4	6		7	2
17-18	5	4	3	6	5	7	6
19-20	6	2	3	4	7	6	5
21-22	9	3	5	3	5	7	10
23-24	7	7	7	7	2	9	2

Hospital Emergency Room Dashboard

08-09-2023   30-10-2024

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

No of Patients
6693

Average Wait Time
35.3 Min

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

Patient Satisfaction Score
4.93

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

No of Patients Referred
2796

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

Patient Admission Status

Admission Status	No of Patients	%GT No of Patients
Admitted	3369	50.34%
Not Admitted	3324	49.66%

Percentage of Patients seen within 30 Min
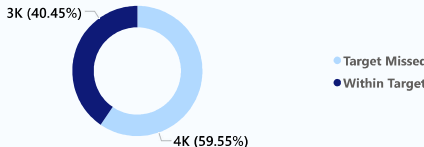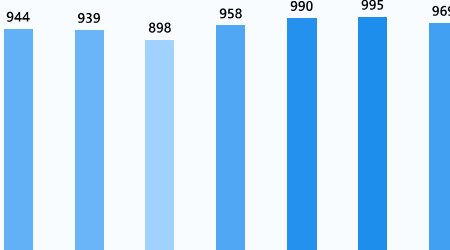
- 3K (40.45%)
- 4K (59.55%)
- ● Target Missed
- ● Within Target

No of Patients by Day Name

944	939	898	958	990	995	969

No of Patients by Age Group

0-9	40-49	70-79	10-19	60-69	20-29	30-39	50-59
768	828	838	840	841	859	859	860

No of Patients by Gender

- 0K (0.27%)
- 3K (48.45%)
- 3K (51.28%)
- ● Male
- ● Female
- ● Not Confirmed

No of Patients by Department Referral

Department	Value
None	3.9K
General Practice	1.4K
Orthopedics	0.7K
Physiotherapy	0.2K
Cardiology	0.2K
Neurology	0.1K
Gastroenterology	0.1K
Renal	0.1K

No of Patients by Patient Race

Race	Value
White	1836
African American	1448
Two or More Races	1120
Asian	784
Declined to Identify	745
Pacific Islander	398
Native American/Alas...	362
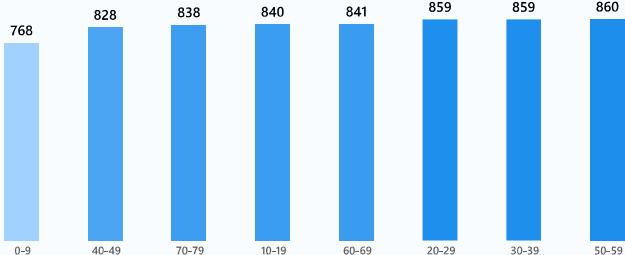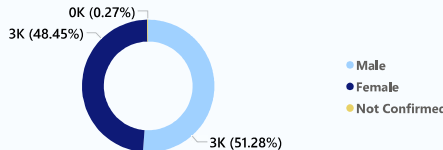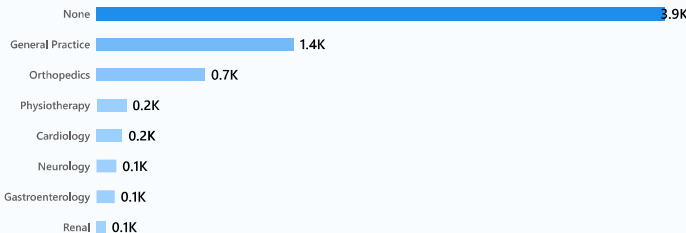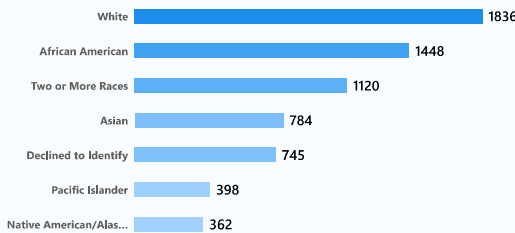
Hours ▲	Mon	Tue	Wed	Thu	Fri	Sat	Sun
00-02	83	81	71	75	76	81	77
03-04	77	70	78	69	90	90	75
05-06	84	87	73	74	76	85	80
07-08	65	85	77	97	94	72	88
09-10	75	74	81	76	79	94	72
11-12	83	75	74	82	91	85	72
13-14	78	81	89	74	85	79	74
15-16	76	69	76	73	82	78	103
17-18	80	91	75	93	74	71	69
19-20	85	64	65	77	89	88	82
21-22	82	73	65	85	66	77	88
23-24	76	89	74	83	88	95	89

Hospital Emergency Room Dashboard

01-04-2023   30-10-2024

Monthly View

Consolidated View

Patient Details

Key Takeways

Patient Id	Name	Gender	Age	Admin Date	Race	Waittime	Department Referral	Admission Status
111-50-6779	E Enrigo	Female	40	06 August 2023	African American	51	Cardiology	Not Admitted
113-42-6171	Q Karadzas	Female	10	21 August 2023	Declined to Identify	52	Cardiology	Admitted
114-45-5732	I Isham	Female	43	17 October 2024	White	18	Cardiology	Admitted
115-32-2532	P Bowker	Male	31	16 February 2024	White	29	Cardiology	Admitted
118-32-9062	A Mattosoff	Female	33	12 June 2023	White	16	Cardiology	Admitted
121-51-9644	P O'Sullivan	Female	27	29 August 2023	White	20	Cardiology	Not Admitted
124-08-6381	W Keyworth	Male	67	15 June 2024	Declined to Identify	29	Cardiology	Admitted
125-71-2639	G O'Neill	Female	51	21 October 2023	African American	33	Cardiology	Admitted
138-04-7377	A O'Dyvoy	Male	61	09 March 2024	White	45	Cardiology	Not Admitted
139-14-2557	Y Janks	Male	24	13 April 2023	Native American/Alaska Native	18	Cardiology	Admitted
142-87-7640	P Shallcross	Female	41	14 September 2024	Asian	20	Cardiology	Not Admitted
145-40-1045	V Prangle	Female	12	05 June 2023	African American	44	Cardiology	Admitted
151-12-1817	R Murrhaupt	Female	17	19 March 2024	Asian	58	Cardiology	Admitted
151-80-2492	L MacSwayde	Male	7	04 May 2024	Asian	44	Cardiology	Admitted
152-63-9780	D MacNeil	Female	54	09 October 2024	African American	13	Cardiology	Admitted
154-03-1861	Q Martt	Female	57	25 April 2024	White	55	Cardiology	Not Admitted
154-08-4257	X Coventon	Female	59	02 August 2023	White	13	Cardiology	Not Admitted
159-55-1671	T Merryfield	Female	50	26 April 2024	African American	26	Cardiology	Admitted
166-10-4126	M Nockalls	Female	71	12 March 2024	Declined to Identify	28	Cardiology	Admitted
175-49-8550	B Nisot	Female	63	01 January 2024	Pacific Islander	36	Cardiology	Admitted
176-32-3686	N Brimson	Male	26	08 April 2023	White	10	Cardiology	Not Admitted
182-89-0226	R Lothlorien	Female	74	12 April 2023	African American	26	Cardiology	Not Admitted
183-15-3162	H Finby	Male	75	30 September 2023	White	23	Cardiology	Admitted
185-10-7325	I Sibery	Female	59	11 July 2024	Native American/Alaska	21	Cardiology	Admitted

Hospital Emergency Room Dashboard

Descriptive Analysis

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 patient experiences.

Departmental Referrals:

A significant number of patients (5400) did not require 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 days 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 the need for 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 patients 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 morning 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.