



Hospital Emergency Dashboard

Month View

Apr-2023

Year

All



Month

All



Month View

Consolidated View

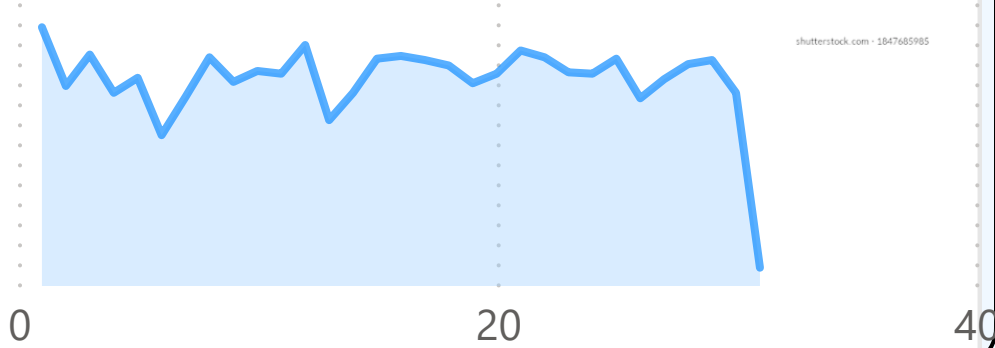
Patient Details

Key Takeaways



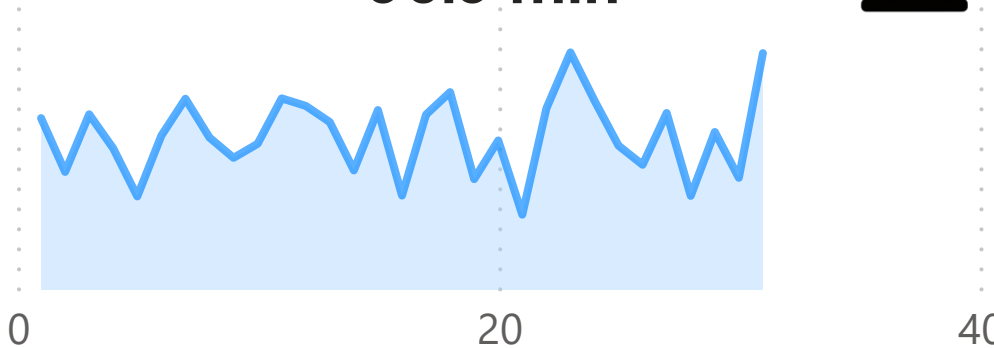
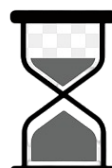
No of Patients

9216



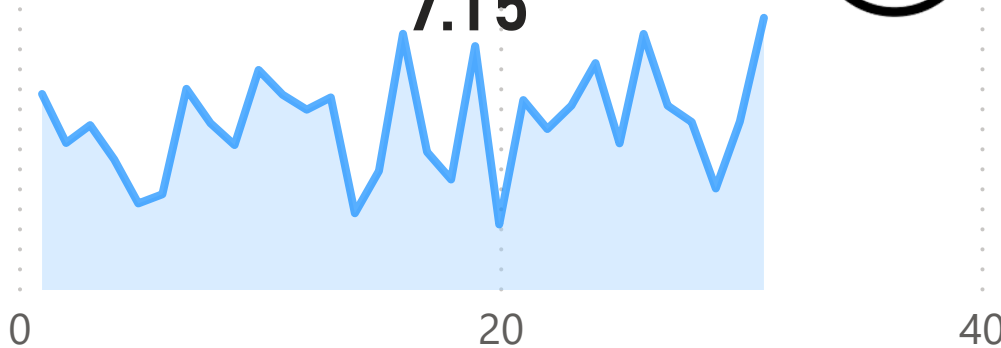
Avg Wait Time

35.3 min



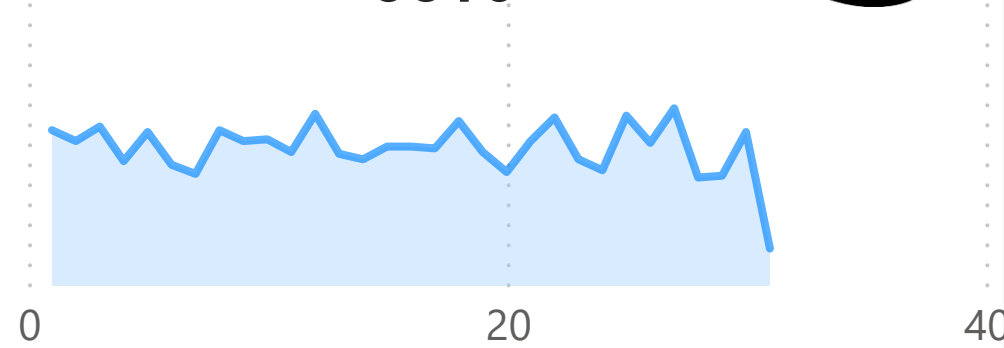
Patient Satisfaction Score

7.15



No of Patients Referred

3816



Patient Admission Status

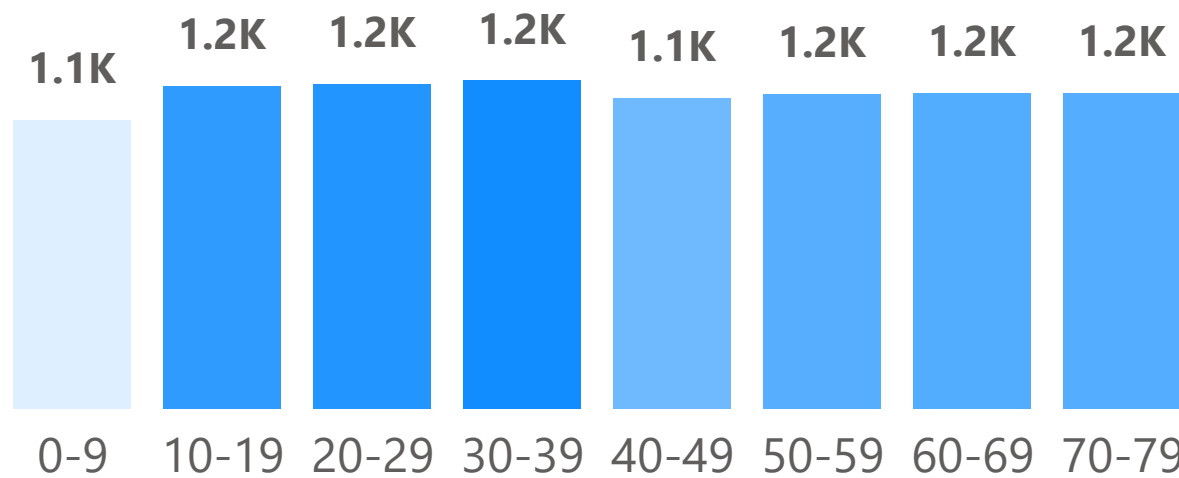
Admission Status	Patients	% of total
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Admitted	4612	50.04%
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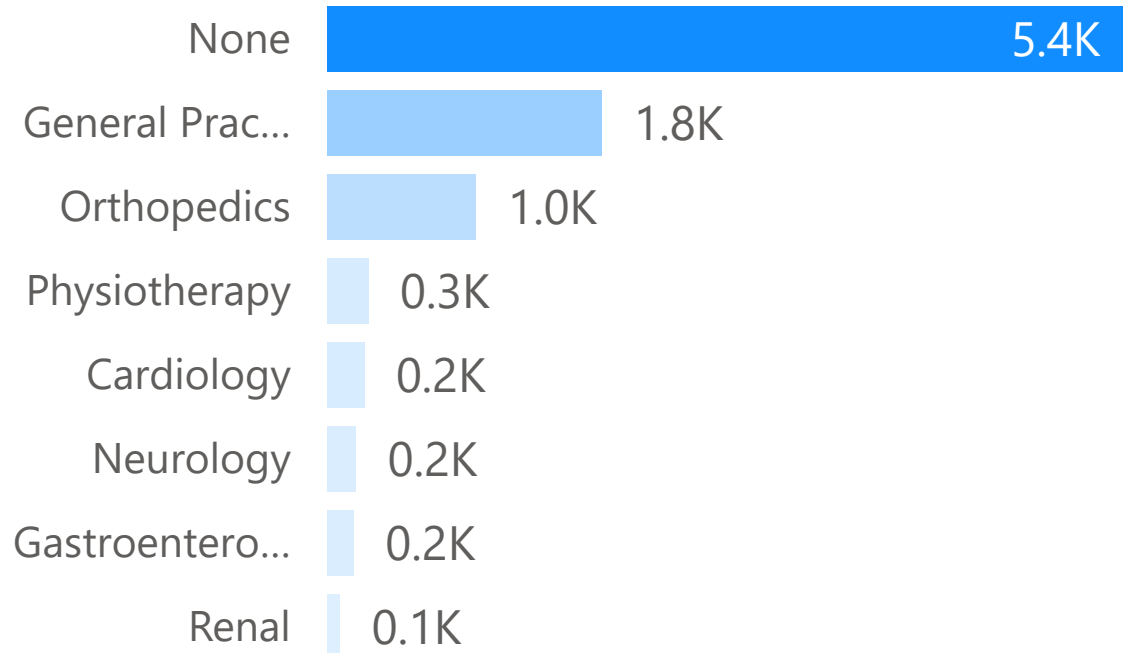
Not Admitted	4604	49.96%
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No of patients by age group

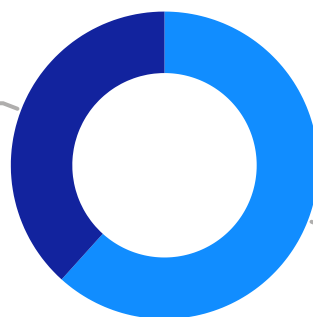


NO of patients by Department Referral



% of patients seen within 30 mins

with-in ti...
38.32%



out-of ti...
61.68%

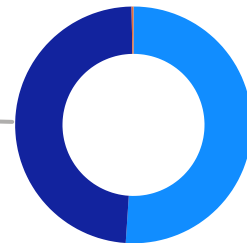
wait time

out-of time

with-in time

No of patients by Patient Gender

4.49K



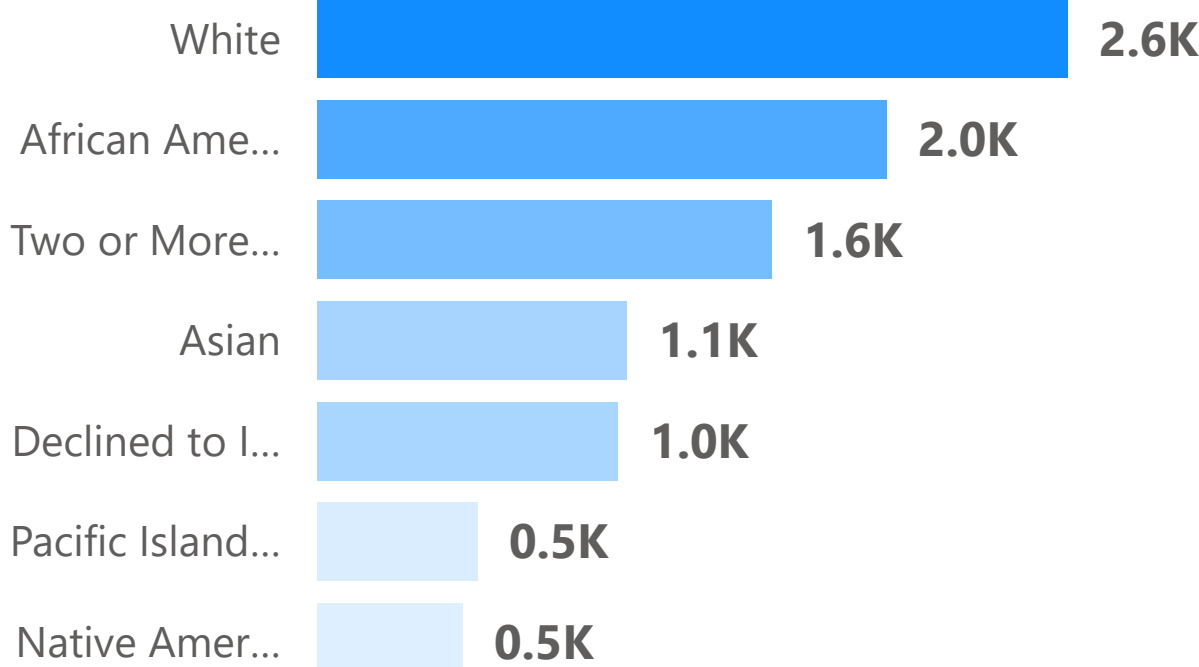
4.71K

Male

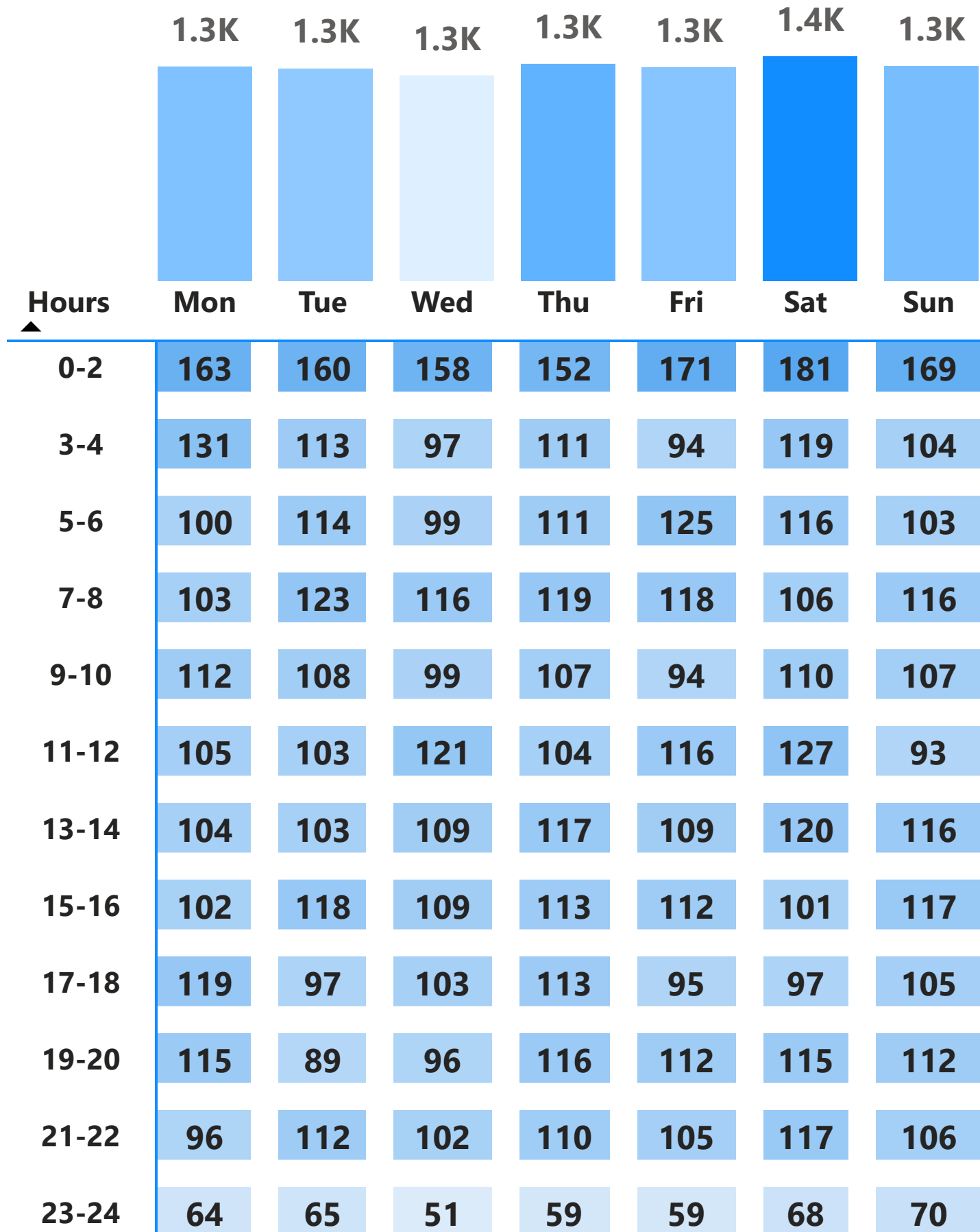
Female

Not-Conformi...

No of patients by Patient Race



No of patients by day & Hour





Patient Admission Da...

4/1/2023



10/30/2024



Month View

Consolidated View

Patient Details

Key Takeaways

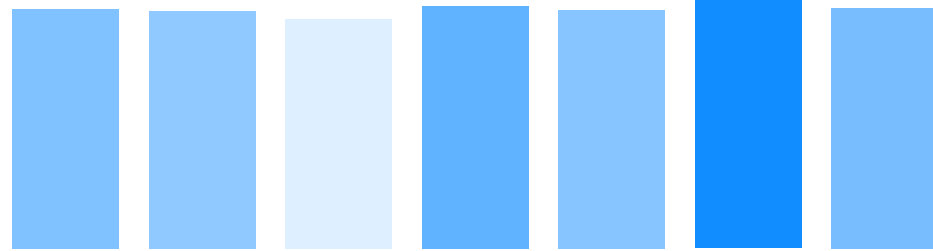


Hospital Emergency Dashboard

Consolidated View

No of Patients

9216



Mon Tue Wed Thu Fri Sat Sun

Avg Wait Time

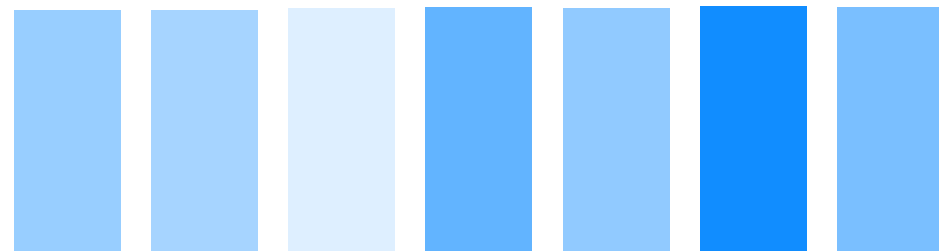
35.3 min



Mon Tue Wed Thu Fri Sat Sun

Patient Satisfaction Score

7.15



Mon Tue Wed Thu Fri Sat Sun

No of Patients Referred

3816



Mon Tue Wed Thu Fri Sat Sun

Patient Admission Status

Admission Status Patients % of total

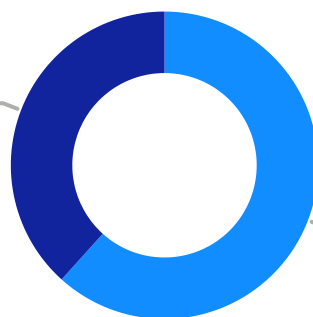
Admitted 4612 50.04%

Not Admitted 4604 49.96%



% of patients seen within 30 mins

with-in ti...
38.32%



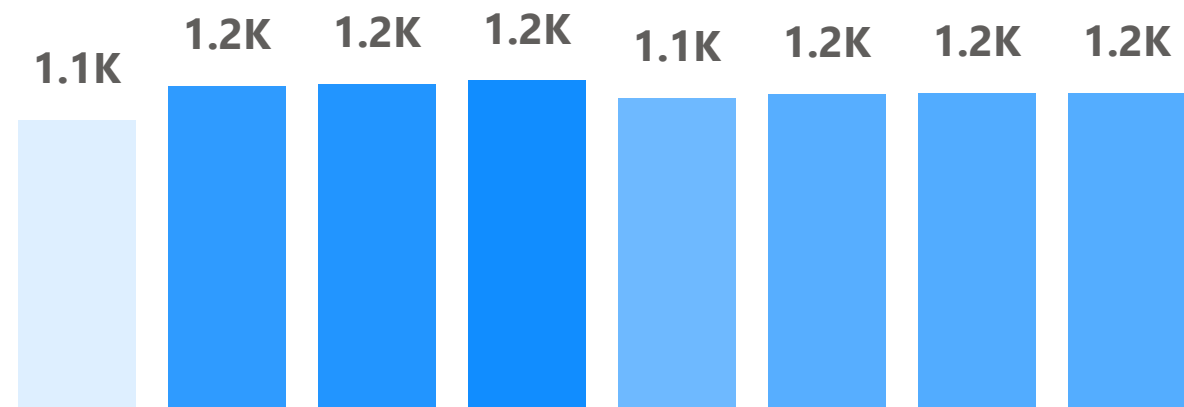
out-of ti...
61.68%

wait time

out-of time

with-in time

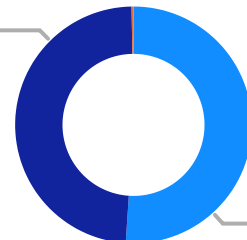
No of patients by age group



0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79

No of patients by Patient Gender

4.49K (48....)



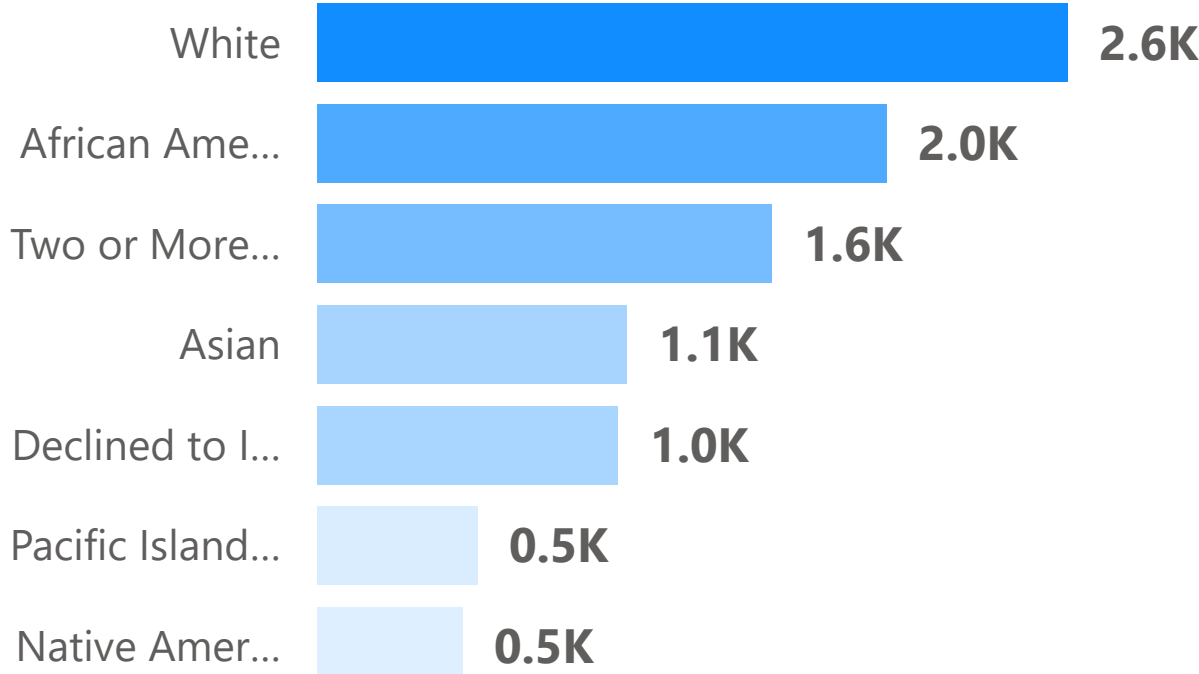
4.71K (51....)

Male

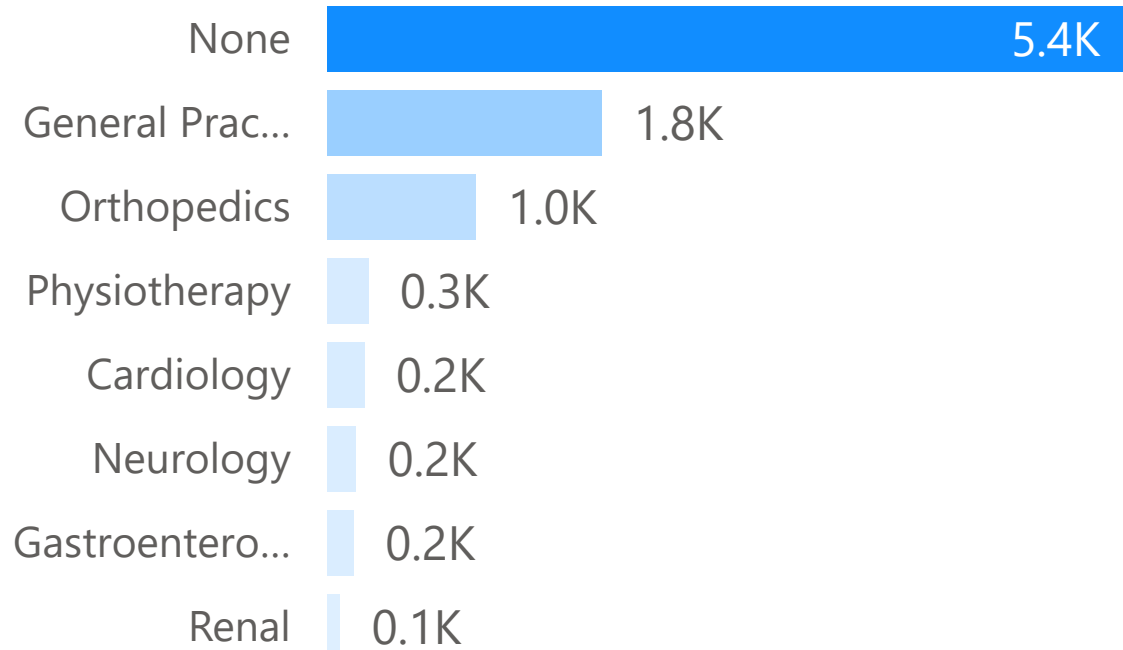
Female

Not-Conformi...

No of patients by Patient Race



NO of patients by Department Referral



No of patients by day & Hour

Hours	Mon	Tue	Wed	Thu	Fri	Sat	Sun
0-2	163	160	158	152	171	181	169
3-4	131	113	97	111	94	119	104
5-6	100	114	99	111	125	116	103
7-8	103	123	116	119	118	106	116
9-10	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 Dashboard

Patient Details

Month View

Consolidated
View

Patient Details

Key Takeaways

Year, Quarter, Month...

All

Patient Name

All

Gender

All

Department Referral

All

Admit / Not Admit

All



Patient Id	full name	Gender	Patient Age	Admission Date	Avg Wait Time	Department Referral	Patient Race	admit/no
100175081	V Flicker	Male	67	Sunday, January 14, 2024	60.0 min	None	African American	Not Admitted
102604609	Y Rutt	Female	52	Wednesday, January 17, 2024	60.0 min	General Practice	Declined to Identify	Not Admitted
112503721	J Morison	Female	16	Friday, January 19, 2024	60.0 min	None	Declined to Identify	Admitted
122166072	V Gurnay	Male	54	Thursday, May 11, 2023	60.0 min	None	White	Not Admitted
134057615	W Guyot	Male	40	Saturday, October 14, 2023	60.0 min	Orthopedics	Declined to Identify	Not Admitted
142242360	O Sheward	Female	67	Thursday, June 22, 2023	60.0 min	Orthopedics	African American	Not Admitted
148635704	Y Olden	Male	31	Monday, September 04, 2023	60.0 min	None	Pacific Islander	Not Admitted
156389827	L Chapellow	Female	76	Wednesday, September 06, 2023	60.0 min	Orthopedics	Asian	Not Admitted
160106189	J Mico	Male	29	Saturday, May 06, 2023	60.0 min	None	African American	Not Admitted
160368458	B Fredi	Male	49	Monday, June 24, 2024	60.0 min	Orthopedics	Two or More Races	Admitted
161396789	B Steffens	Male	6	Friday, May 24, 2024	60.0 min	None	African American	Not Admitted
167774307	F Tunniclisse	Male	57	Tuesday, January 23, 2024	60.0 min	Orthopedics	African American	Admitted
182785630	R Graffin	Male	31	Friday, September 06, 2024	60.0 min	None	White	Not Admitted
189340360	E Guyton	Male	7	Monday, April 22, 2024	60.0 min	None	Two or More Races	Not Admitted
193377138	J Simons	Male	75	Saturday, June 08, 2024	60.0 min	Gastroenterology	African American	Admitted
195511109	D Earpe	Male	63	Sunday, June 30, 2024	60.0 min	Cardiology	White	Not Admitted
197941715	J Yanne	Female	26	Saturday, April 27, 2024	60.0 min	General Practice	Declined to Identify	Not Admitted
203706564	X McGarvey	Male	16	Thursday, May 30, 2024	60.0 min	Orthopedics	White	Not Admitted
208788201	M Kitchiner	Male	59	Friday, May 31, 2024	60.0 min	General Practice	White	Admitted
213237376	M Vasenkov	Female	27	Friday, February 23, 2024	60.0 min	None	Asian	Not Admitted
221755469	Q Trudgeon	Male	10	Monday, June 24, 2024	60.0 min	Orthopedics	African American	Not Admitted
222405966	Q Parkins	Female	54	Wednesday, October 04, 2023	60.0 min	General Practice	Native American/Alaska Native	Admitted



Hospital Emergency Dashboard

Key Takeaways

Descriptive Analysis (April 2023 – October 2024)

This emergency dataset covers a period of **18 months** and records a total of **9,216 patients**.

Patient wait time & satisfaction:

The **average wait time was approximately 35.5 minutes**, indicating a need for improvement to enhance patient flow. However, the **average satisfaction score of 7.5 out of 10** suggests that patients are generally satisfied with the services provided.

Department Referrals:

A significant number of patients (**5,400**) did not require referrals. Among those who were referred, the most common departments were **General Practice (1,840 cases)**, followed by **Orthopedics (995 cases)**, **Physiotherapy (276 cases)**, and **Cardiology (248 cases)**.

Peak Busy Periods:

The **busiest days** are **Saturday, Thursday, and Sunday**, indicating high patient flow on weekends and late weekdays. The **peak hours** are **11 PM, 7 AM, and 1 PM**, suggesting increased demand during late-night, early morning, and midday periods.

Race Distribution:

The patient population is diverse, with the largest racial groups being **White (2,571 patients)**, **African American (1,951 patients)**, and **Two or More Races (1,557 patients)**. Other significant groups include **Asian (1,060 patients)**, **Declined to Identify (1,030 patients)**, **Pacific Islander (549 patients)**, and **Native American/Alaska Native (498 patients)**.

Admission Patterns:

Out of **9,216 patients**, **4,612 were admitted**, while **4,604 were not admitted**, showing a nearly even split between admitted and non-admitted cases.

Summary:

The hospital emergency department managed **9,216 patients** over **18 months**, with an **admission rate of 50%**. The **average wait time of 35.3 minutes** indicates a need for process improvements, while the **satisfaction score of 4.99/10** suggests room for enhancing patient experience. A significant **5,400 patients did not require referrals**, and the busiest departments were **General Practice and Orthopedics**. **Peak patient flow occurred on Saturday, Thursday, and Sunday**, with the **highest activity during 11 PM, 7 AM, and 1 PM**. These findings highlight the importance of **streamlining operations, optimizing staffing, and improving overall service efficiency**.

Month View

Consolidated View

Patient Details

Key Takeaways