

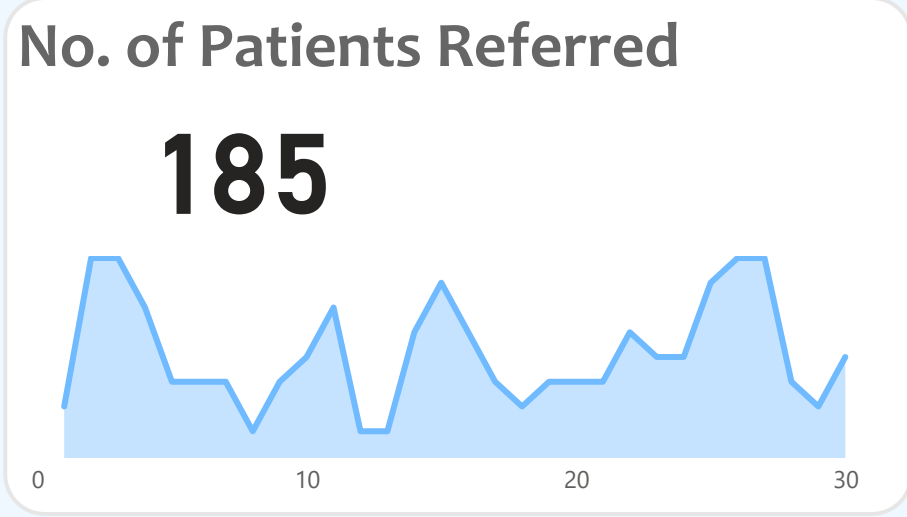
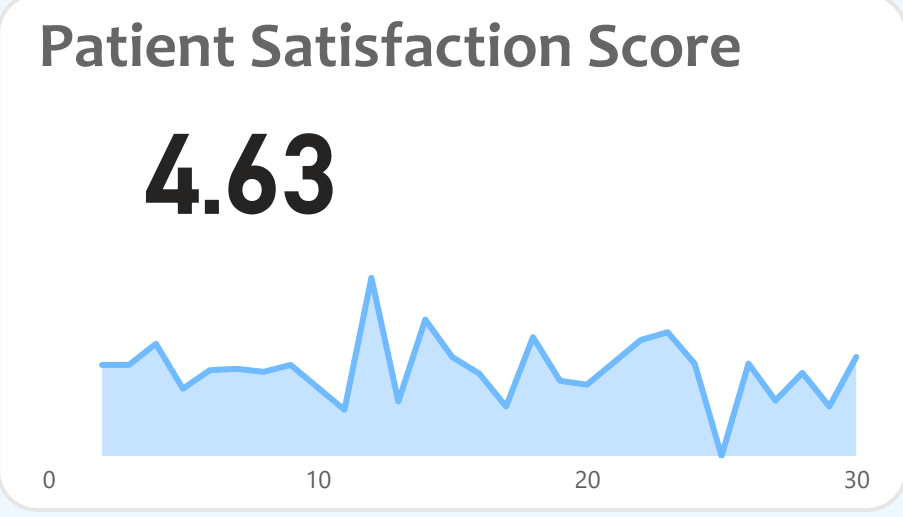
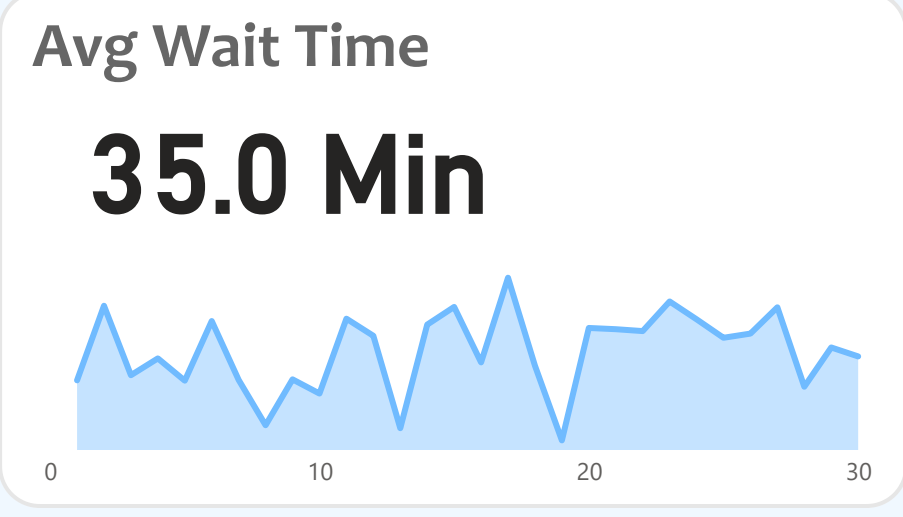
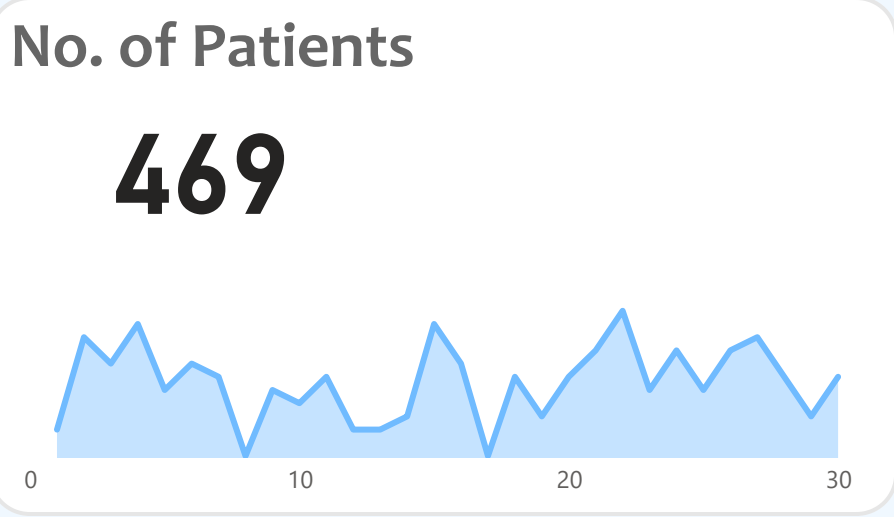


Monthly View

Consolidated View

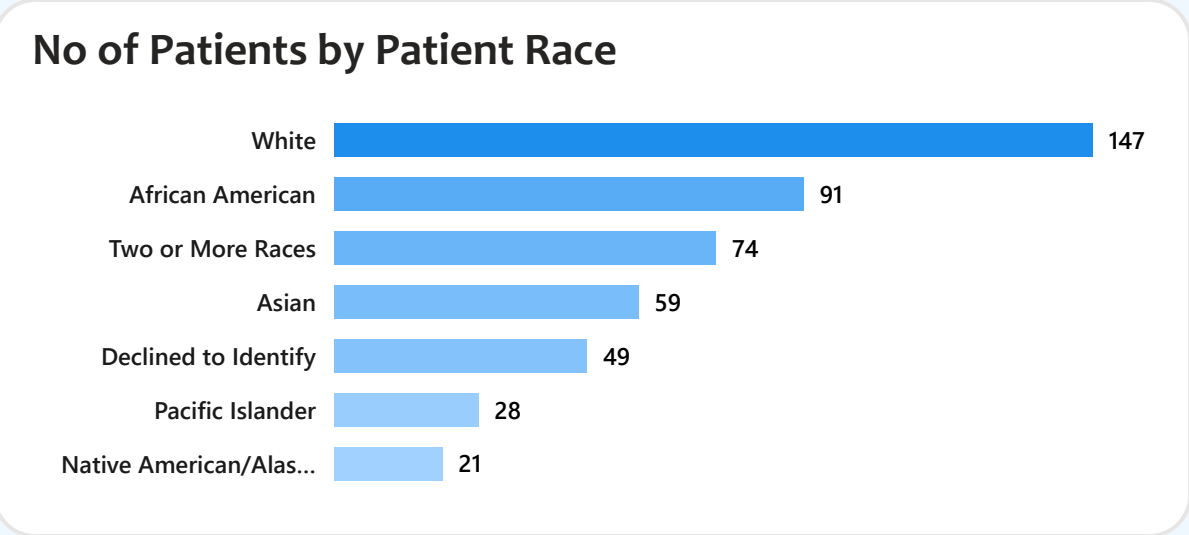
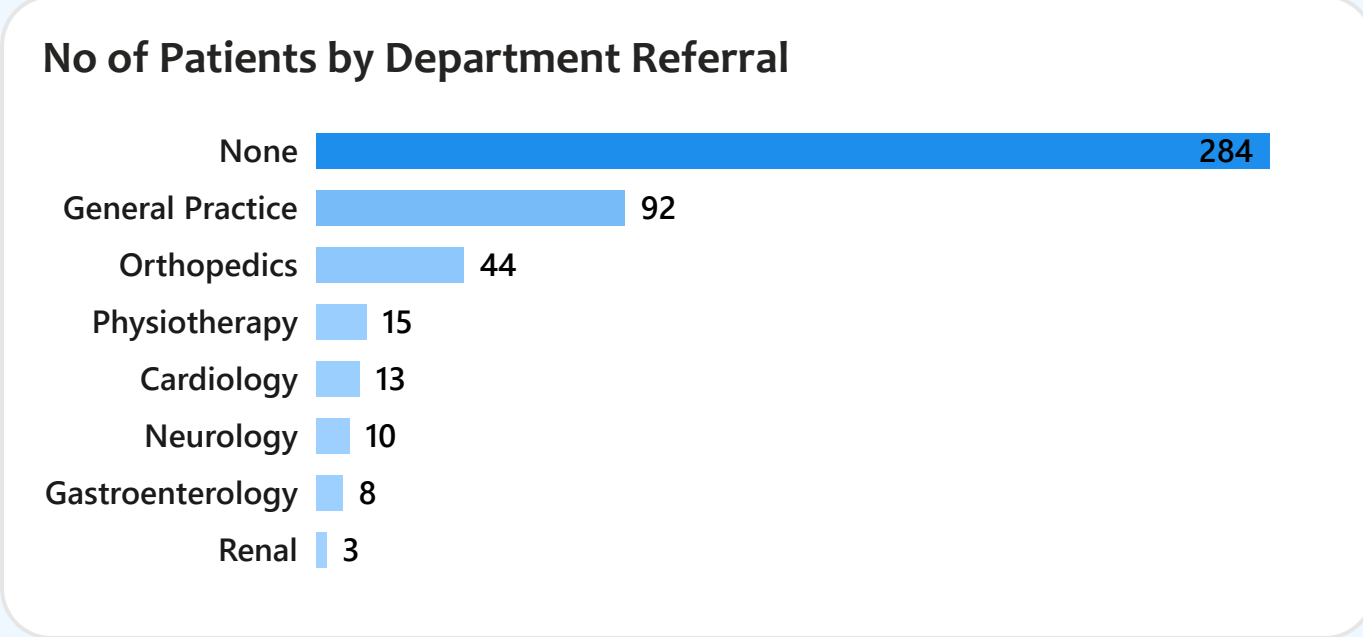
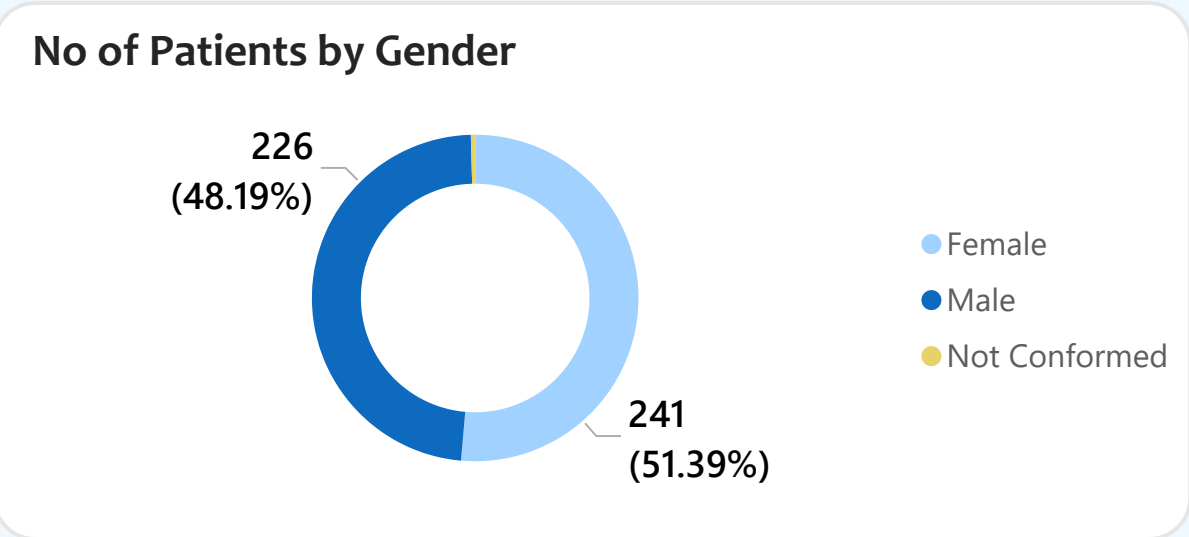
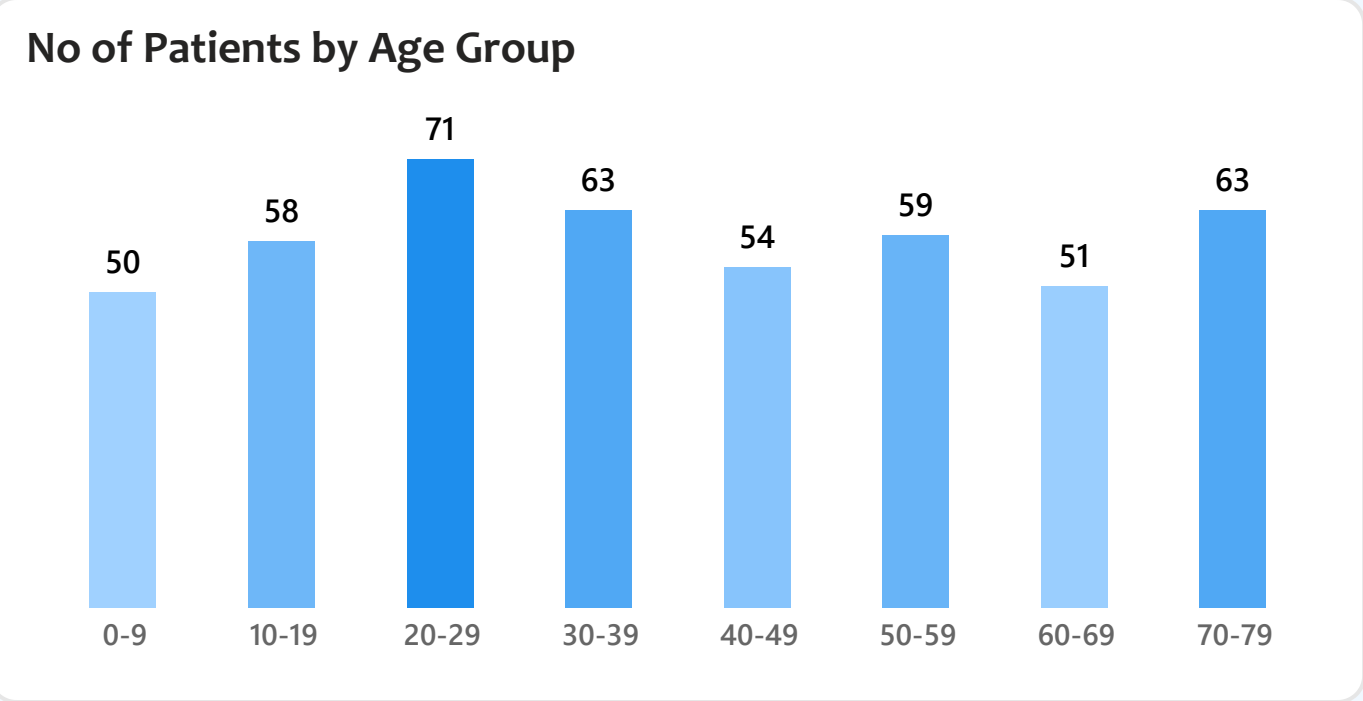
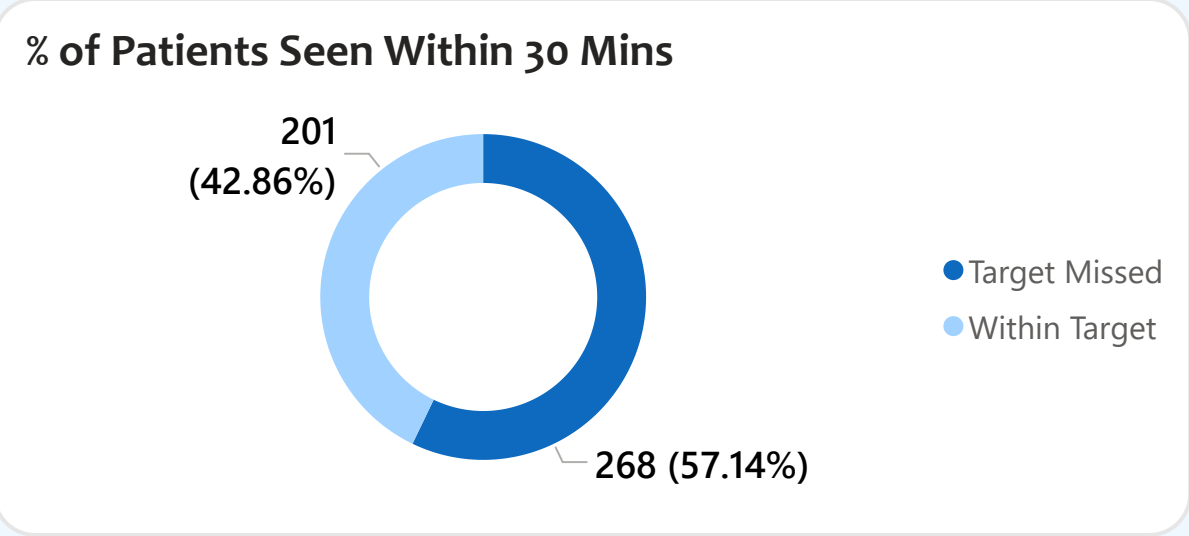
Patient Details

Key Takeaways



Patient Admission Status

| Admission Status | Patients | % of Total |
|------------------|----------|------------|
| Admitted         | 217      | 46.27%     |
| Not Admitted     | 252      | 53.73%     |



No of Patients by Day and Hour

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



# HOSPITAL EMERGENCY ROOM DASHBOARD

## CONSOLIDATED VIEW

01/04/2023

30/10/2024

Monthly View

Consolidated View

Patient Details

Key Takeaways

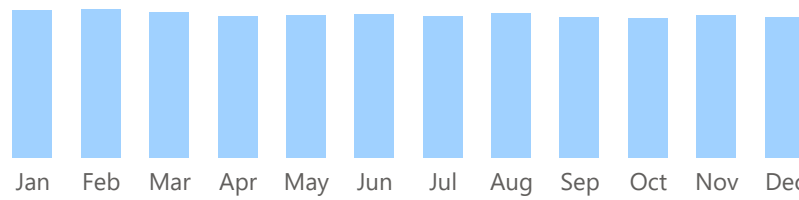
No. of Patients

9216



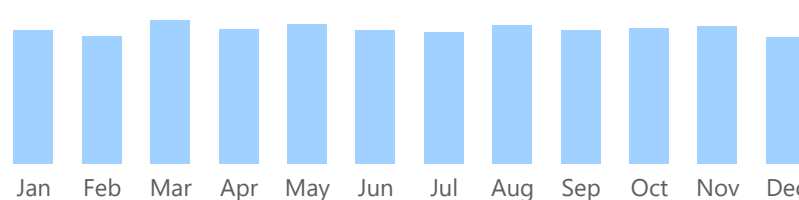
Avg Wait Time

35.3 Min



Patient Satisfaction Score

4.99



No. of Patients Referred

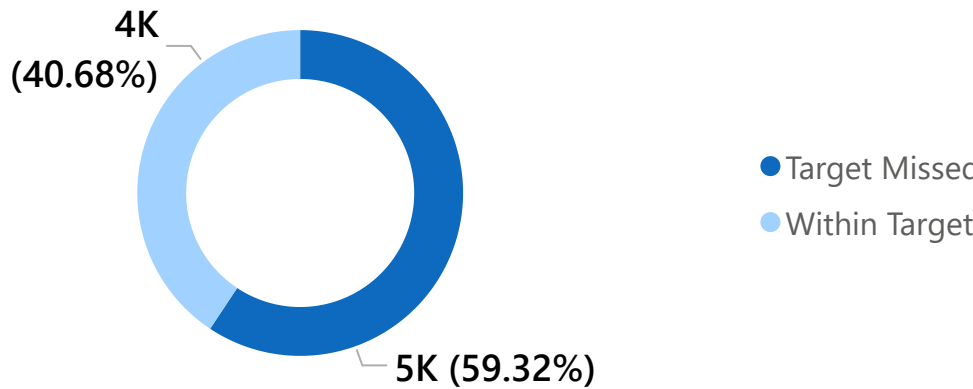
3816



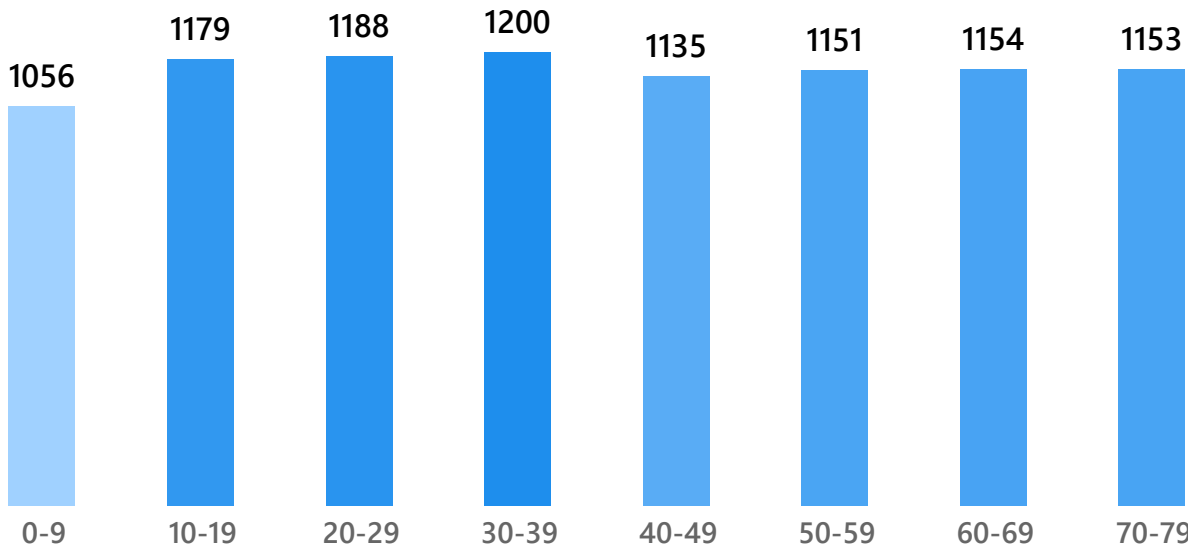
Patient Admission Status

| Admission Status | Patients | % of Total |             |
|------------------|----------|------------|-------------|
| Admitted         | 4612     | 50.04%     | <div></div> |
| Not Admitted     | 4604     | 49.96%     | <div></div> |

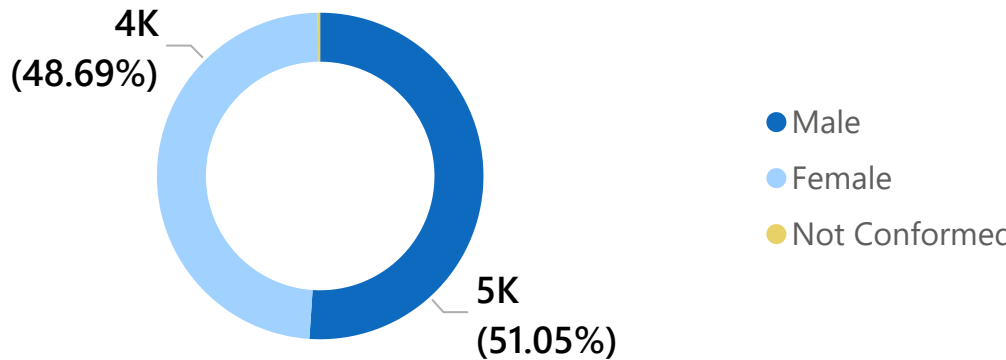
% of Patients Seen Within 30 Mins



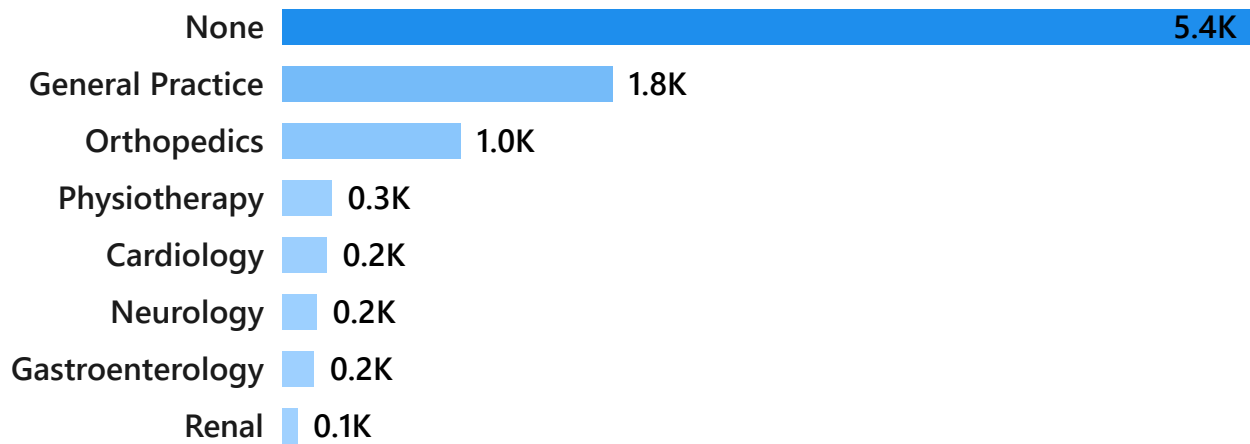
No of Patients by Age Group



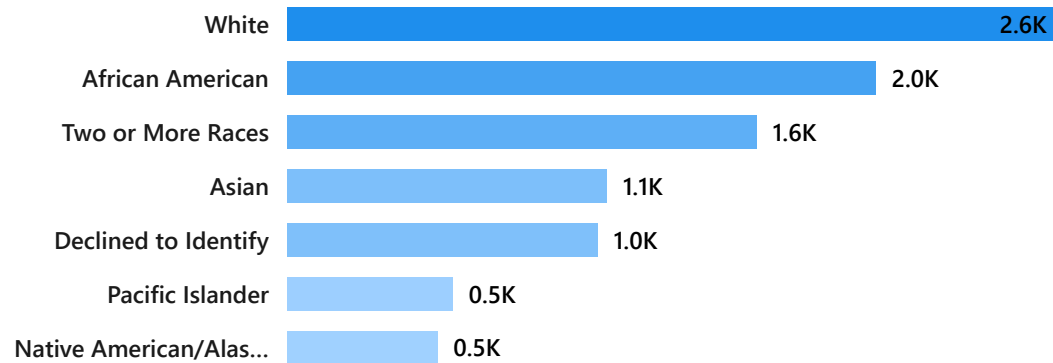
No of Patients by Gender



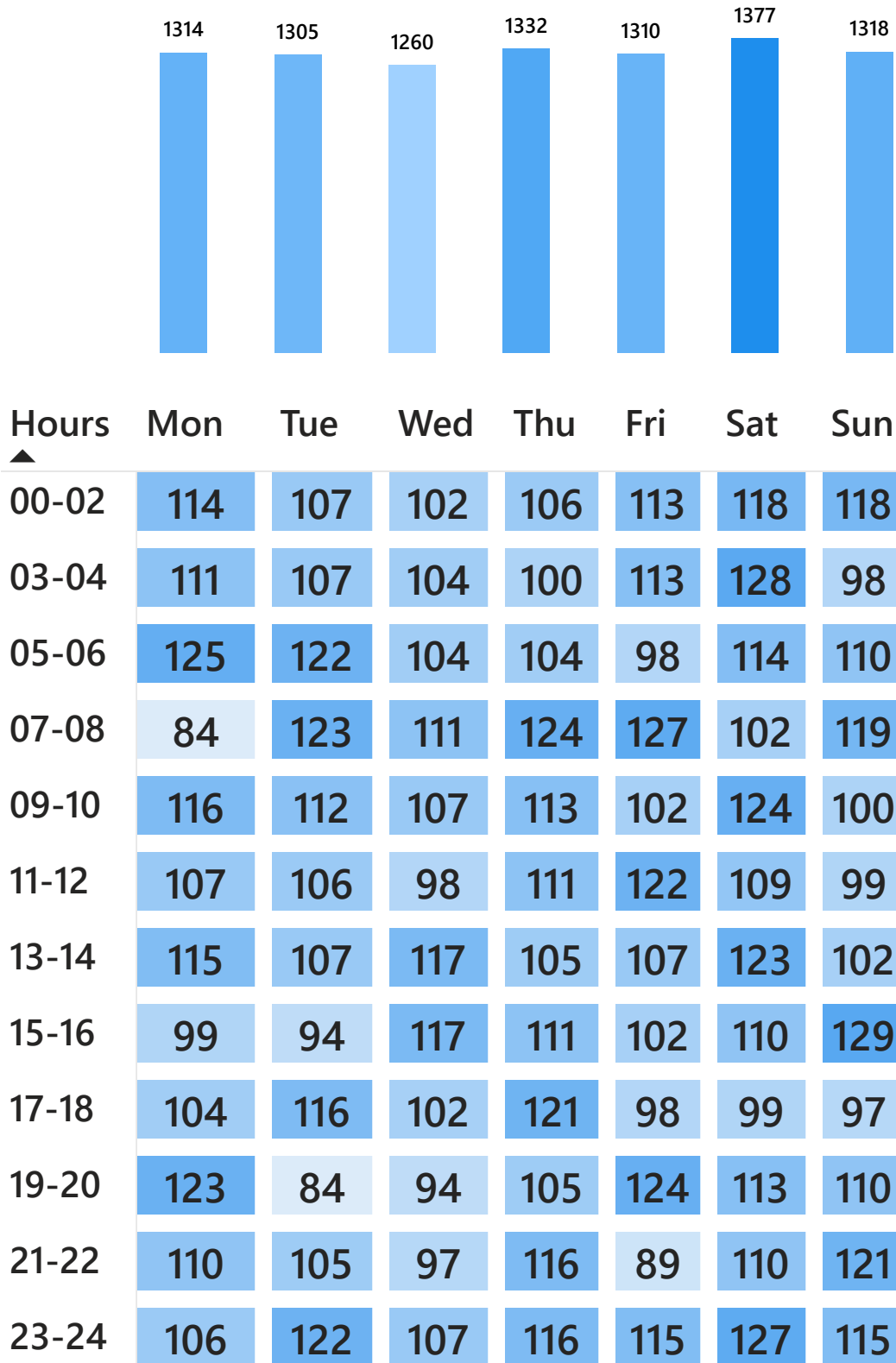
No of Patients by Department Referral



No of Patients by Patient Race



No of Patients by Day and Hour





Monthly View

Consolidated View

Patient Details

Key Takeaways

| Patient Id  | Patient Name | Patient Gender | Patient Age | Patient Admin 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     |
| 101-63-3628 | P Quest      | Male           | 38          | 29 July 2023       | Two or More Races    | 53               | None                | Not Admitted     |
| 101-66-4553 | R Odd        | Female         | 14          | 30 March 2024      | Two or More Races    | 57               | General Practice    | Admitted         |
| 101-65-4810 | B M Duff     | Female         | 74          | 07 August 2023     | White                | 55               | None                | Admitted         |



# HOSPITAL EMERGENCY ROOM DASHBOARD

## 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 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 improvement patient experiences.

#### Department 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), followed by Tuesday (1318 patients). The busiest hours were 11AM, 7PM, 1PM, and 11PM indicating need of more 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 morning hours are particularly busy. The patient demographic show a diverse age and racial composition, with nearly equal numbers of admitted and non admitted patients. These insights can help optimise resource allocation and improve patient care in the emergency room.