



HOSPITAL EMERGENCY ROOM DASHBOARD

MONTHLY VIEW

Feb 2024

Year

2024

month name

☐ Jan

☒ Feb

Monthly view

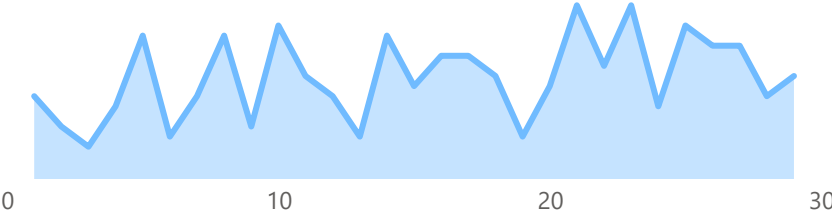
CONSOLIDATED VIEW

PATIENT DETAILS

Key Takeaways

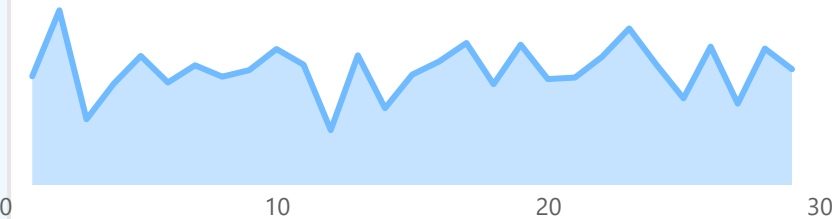
No. Of Patients

431



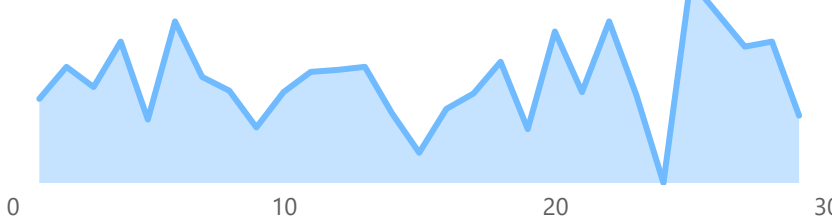
Avg. Wait Time

36.7 Min



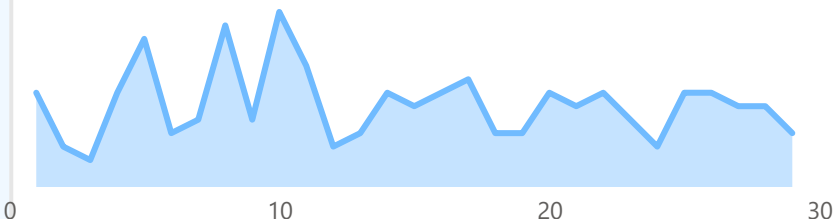
Patient Satisfaction Score

4.72



No. Of Patients Referred

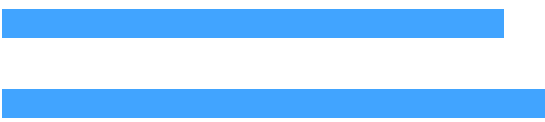
179



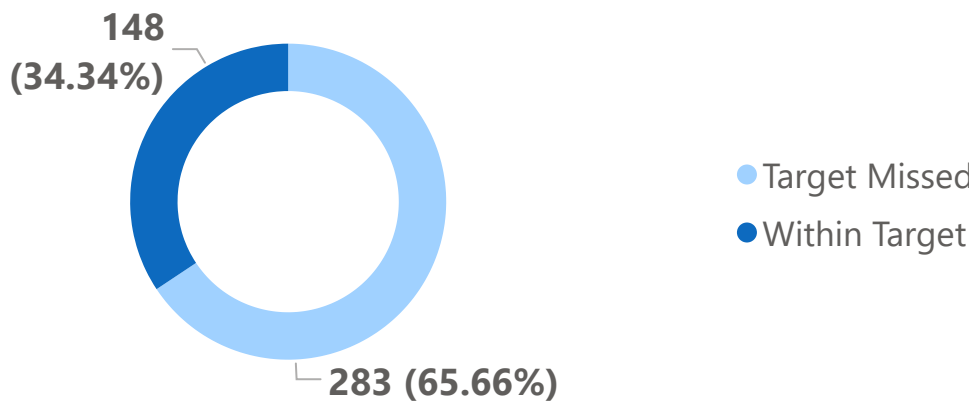
patient admission status

Admission Status No. of patient

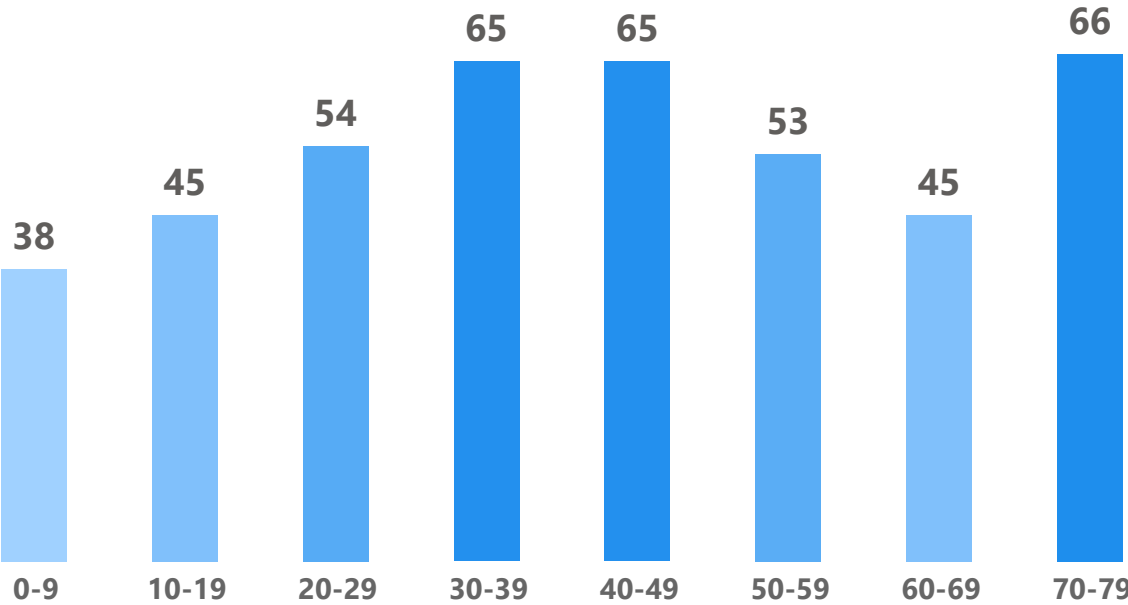
| | |
|--------------|-----|
| Not Admitted | 207 |
| Admitted | 224 |



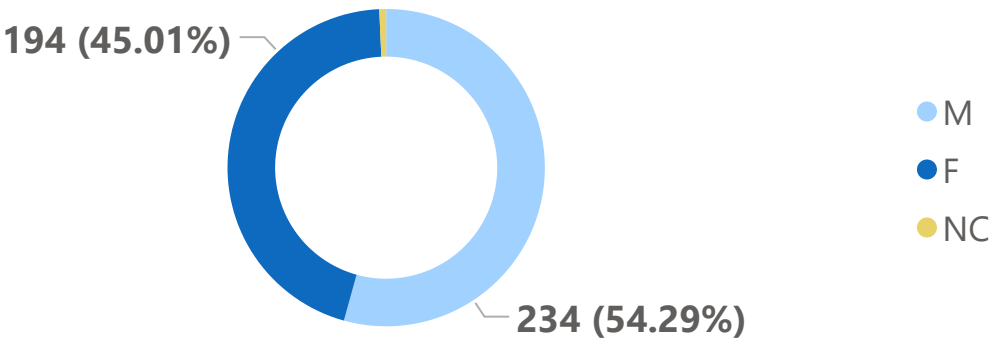
% of Patients seen within 30 min



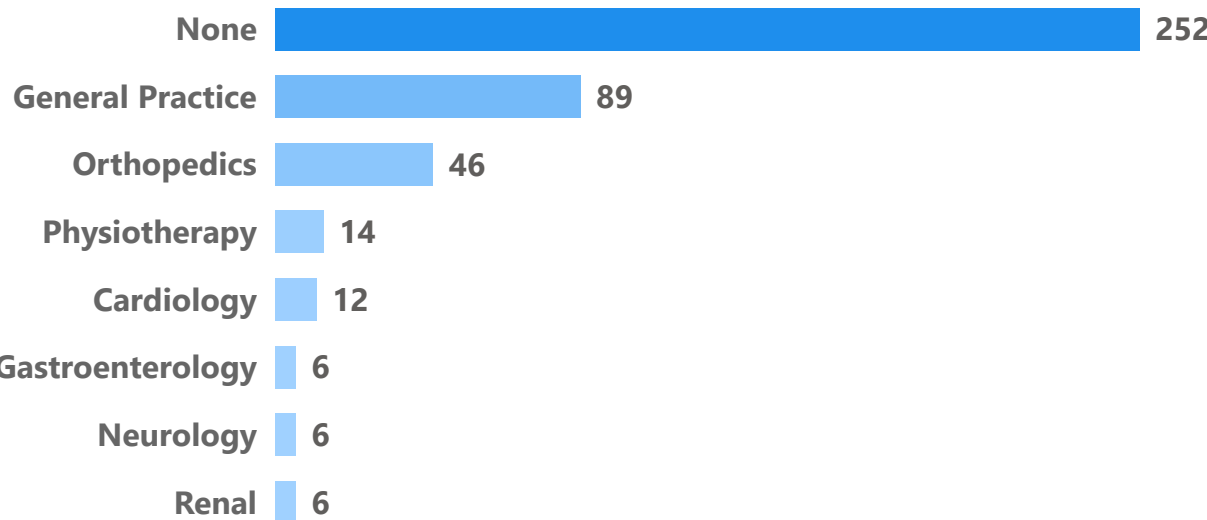
No. of patient by Age group



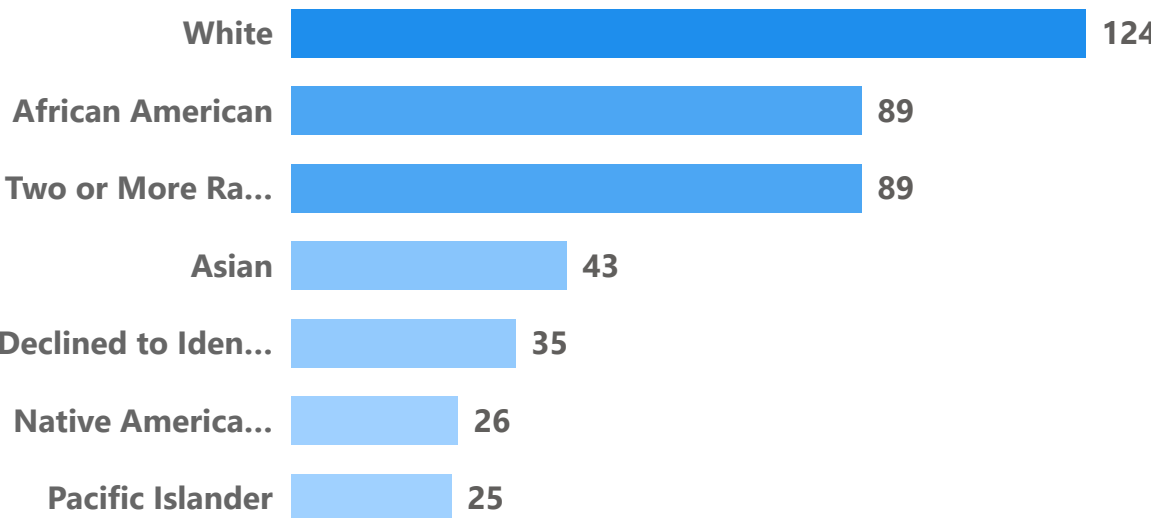
No. of Patients by Gender



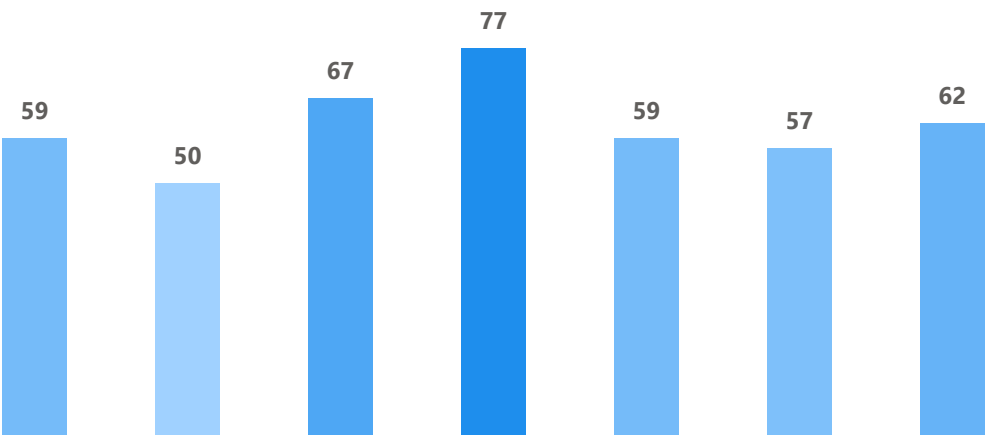
No. of patient by Department Referral



No. of patient by Patient Race



No. of patient by Day and Hour



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



HOSPITAL EMERGENCY ROOM DASHBOARD

CONSOLIDATED VIEW

01-04-2023

30-10-2024

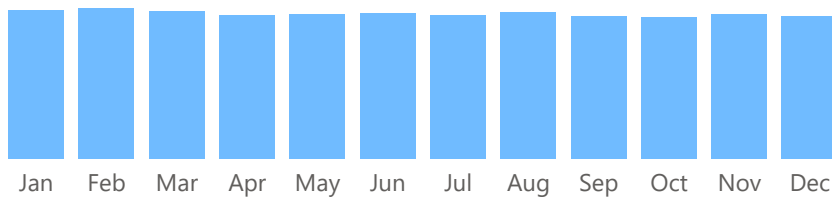
No. Of Patients

9216



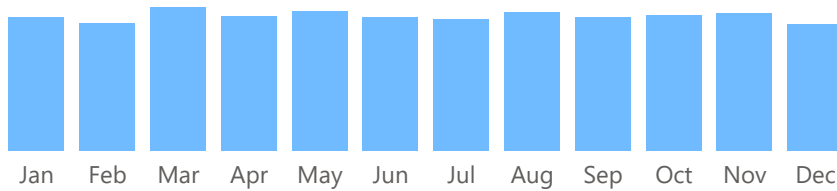
Avg. Wait Time

35.3 Min



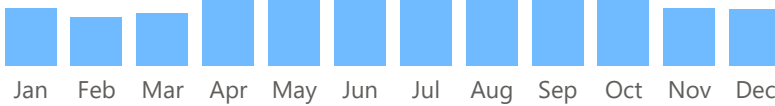
Patient Satisfaction Score

4.99



No. Of Patients Referred

3816



Monthly view

CONSOLIDATED VIEW

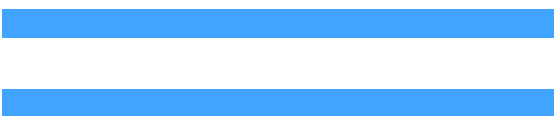
PATIENT DETAILS

Key Takeaways

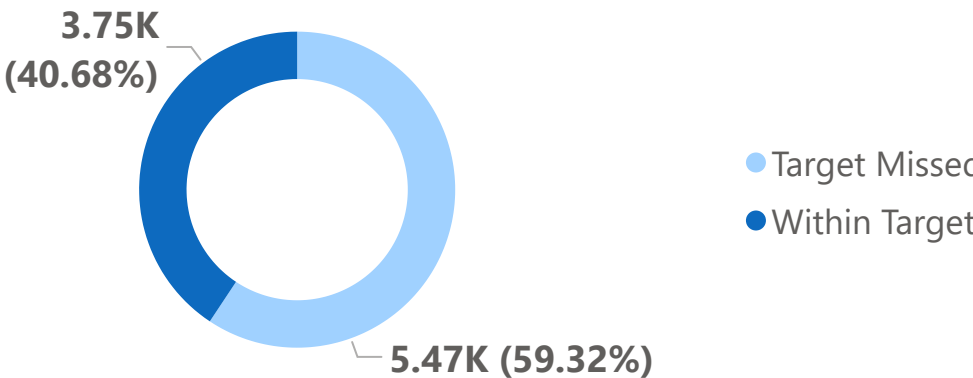
patient admission status

Admission Status No. of patient

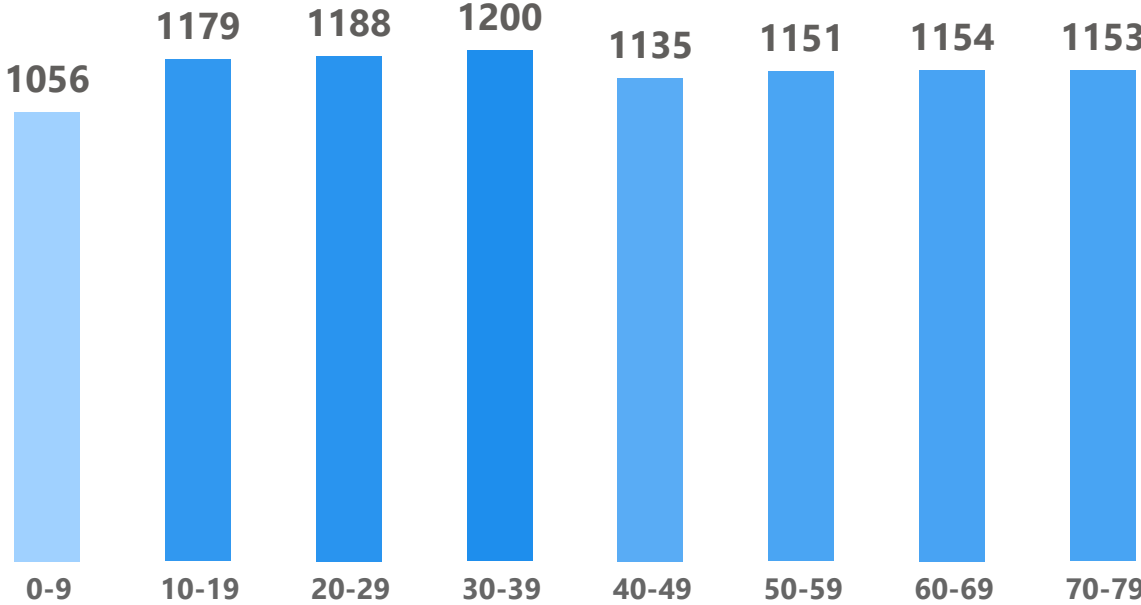
| | |
|--------------|------|
| Not Admitted | 4604 |
| Admitted | 4612 |



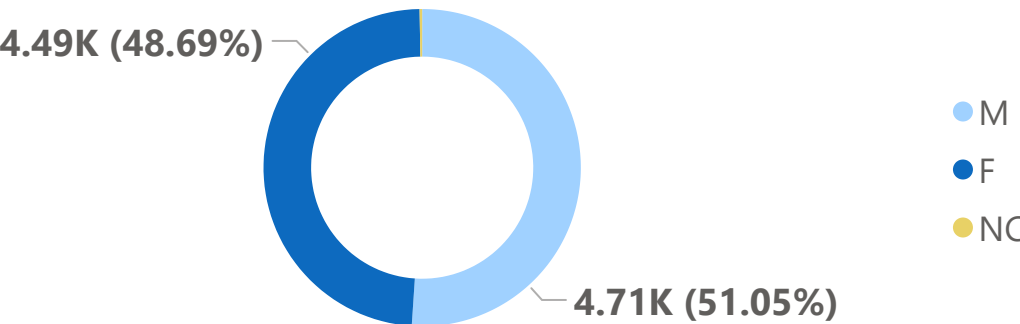
% of Patients seen within 30 min



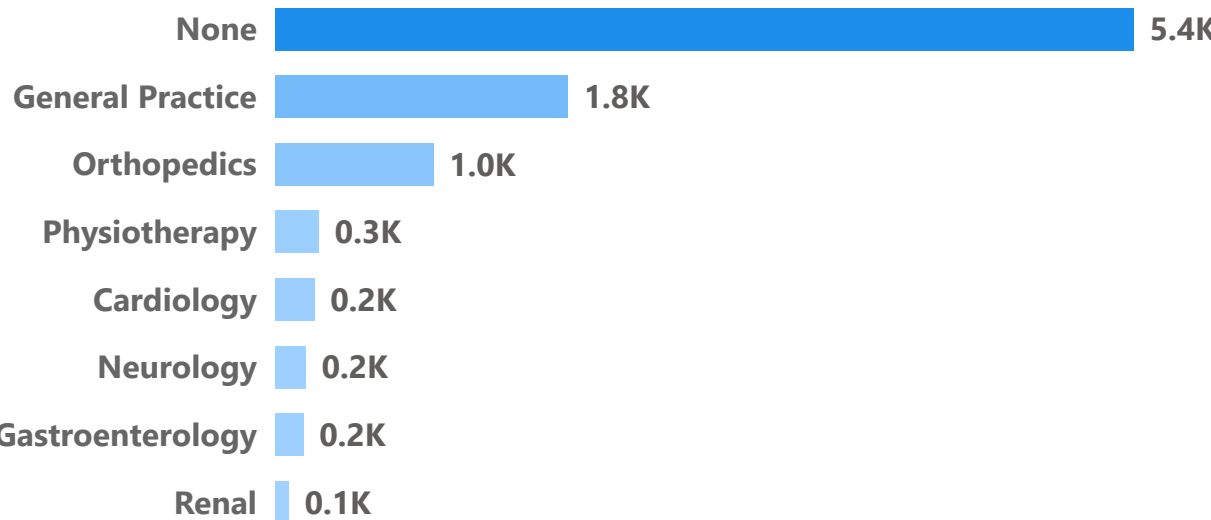
No. of patient by Age group



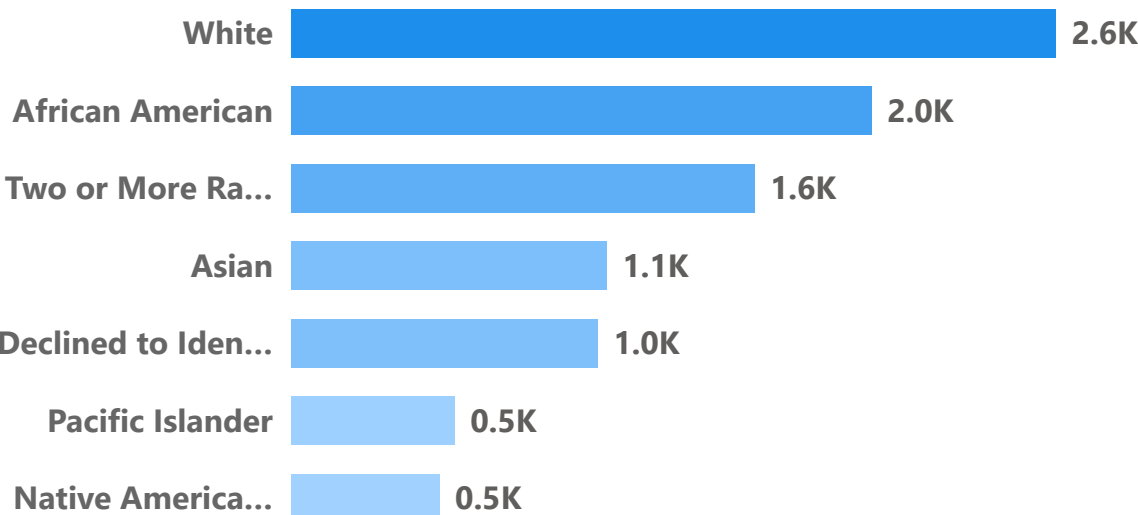
No. of Patients by Gender



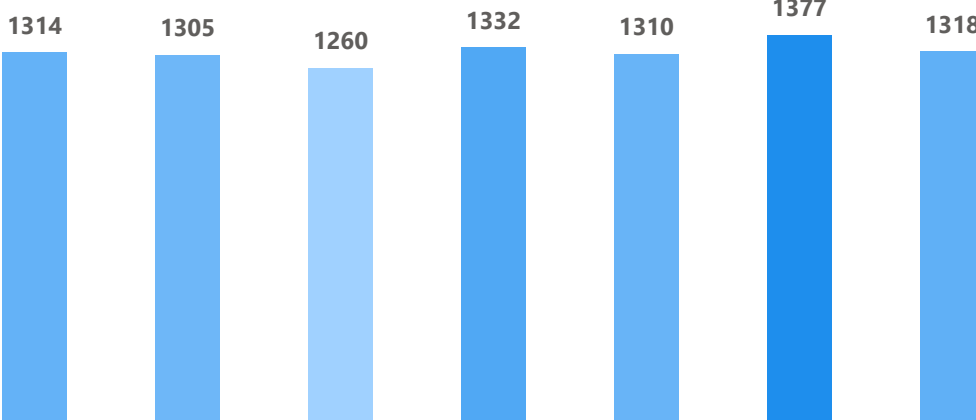
No. of patient by Department Referral



No. of patient by Patient Race



No. of patient by Day and Hour



| Hours | Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|-------|-----|-----|-----|-----|-----|-----|-----|
| 00-02 | 114 | 107 | 102 | 106 | 113 | 118 | 118 |
| 03-04 | 111 | 107 | 104 | 100 | 113 | 128 | 98 |
| 05-06 | 125 | 122 | 104 | 104 | 98 | 114 | 110 |
| 07-08 | 84 | 123 | 111 | 124 | 127 | 102 | 119 |
| 09-10 | 116 | 112 | 107 | 113 | 102 | 124 | 100 |
| 11-12 | 107 | 106 | 98 | 111 | 122 | 109 | 99 |
| 13-14 | 115 | 107 | 117 | 105 | 107 | 123 | 102 |
| 15-16 | 99 | 94 | 117 | 111 | 102 | 110 | 129 |
| 17-18 | 104 | 116 | 102 | 121 | 98 | 99 | 97 |
| 19-20 | 123 | 84 | 94 | 105 | 124 | 113 | 110 |
| 21-22 | 110 | 105 | 97 | 116 | 89 | 110 | 121 |
| 23-24 | 106 | 122 | 107 | 116 | 115 | 127 | 115 |



Monthly view

CONSOLIDATED VIEW

PATIENT DETAILS

Key Takeaways

HOSPITAL EMERGENCY ROOM DASHBOARD

PATIENT DETAILS

01-04-2023

30-10-2024

| Patient Id | Patient Name | Patient Gender | Patient Age | Year | Quarter | Month | Day | Patient Race | Sum of Patient Waittime | Department Referral | Admission Status |
|-------------|--------------|----------------|-------------|------|---------|-----------|-----|----------------------|-------------------------|---------------------|------------------|
| 100-04-3993 | M St Ange | F | 29 | 2023 | Qtr 2 | April | 4 | White | 16 | None | Not Admitted |
| 100-17-5081 | V Flicker | M | 67 | 2024 | Qtr 1 | January | 14 | African American | 60 | None | Not Admitted |
| 100-21-9648 | W Marran | F | 39 | 2024 | Qtr 1 | January | 17 | Pacific Islander | 22 | None | Admitted |
| 100-34-6753 | B Paulus | M | 43 | 2024 | Qtr 2 | May | 13 | Pacific Islander | 25 | General Practice | Admitted |
| 100-34-9587 | U Lamburn | M | 20 | 2024 | Qtr 2 | April | 1 | Declined to Identify | 24 | Neurology | Not Admitted |
| 100-40-2709 | O Cammack | M | 77 | 2024 | Qtr 2 | May | 8 | White | 48 | None | Not Admitted |
| 100-66-0896 | I Prickett | M | 2 | 2024 | Qtr 1 | March | 26 | African American | 23 | Orthopedics | Admitted |
| 100-66-8222 | F Mullane | F | 65 | 2023 | Qtr 4 | December | 23 | Asian | 17 | General Practice | Not Admitted |
| 100-67-1276 | S Hallbird | M | 55 | 2023 | Qtr 4 | November | 3 | White | 11 | Orthopedics | Admitted |
| 100-70-0071 | R Downham | M | 38 | 2024 | Qtr 1 | January | 14 | African American | 57 | None | Not Admitted |
| 100-72-5705 | N Dudny | F | 60 | 2024 | Qtr 2 | June | 19 | African American | 45 | None | Admitted |
| 100-74-3943 | M Hallard | F | 3 | 2023 | Qtr 3 | September | 17 | White | 14 | None | Admitted |
| 100-74-5636 | A Warwicker | F | 47 | 2024 | Qtr 3 | August | 13 | Declined to Identify | 25 | None | Not Admitted |
| 100-79-0109 | P Ulyatt | F | 19 | 2024 | Qtr 1 | February | 27 | Pacific Islander | 36 | Neurology | Admitted |
| 100-81-9769 | Y Moncaster | M | 28 | 2024 | Qtr 1 | March | 9 | White | 59 | None | Admitted |
| 100-84-7203 | K Ybarra | F | 37 | 2023 | Qtr 2 | June | 13 | White | 55 | None | Not Admitted |
| 101-08-8798 | L Willeson | F | 72 | 2024 | Qtr 3 | July | 31 | Two or More Races | 48 | None | Admitted |
| 101-13-4808 | V Gowdridge | F | 30 | 2023 | Qtr 2 | April | 25 | Declined to Identify | 30 | None | Admitted |
| 101-35-3930 | W Andreotti | F | 30 | 2024 | Qtr 1 | January | 24 | White | 25 | None | Admitted |
| 101-35-7039 | T Ganter | M | 26 | 2024 | Qtr 1 | February | 8 | White | 56 | General Practice | Admitted |
| 101-38-5868 | J Saddington | M | 14 | 2024 | Qtr 4 | October | 8 | White | 20 | None | Admitted |
| 101-50-7359 | D Sabey | F | 50 | 2023 | Qtr 4 | October | 13 | White | 56 | None | Admitted |
| 101-56-3319 | M Kilduff | F | 44 | 2023 | Qtr 4 | October | 8 | Asian | 55 | None | Admitted |
| 101-60-5189 | G Georger | F | 45 | 2024 | Qtr 3 | August | 4 | White | 43 | None | Not Admitted |
| 101-63-3628 | P Quest | M | 38 | 2023 | Qtr 3 | July | 29 | Two or More Races | 53 | None | Not 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 store** 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 Practices (1840)** and Orthopedics (995), followed by Physiotherapy (276) and Cardiology (248).

Peak busy Periods:

The busiest day were **Mondays (1377)** , Saturdays (1322) , and Tuesdays (1318) . The busiest hours were 11AM, 7PM, 01PM, and 11PM indicating need of ample staffing during these periods.

Patient Demographics:

Age Group: Adults (**30-39 yrs**) formed a large group (**1200**), followed by young adults (20-29 yrs) with 1188 patients . Other significant groups included middle aged as well (40-50 yrs).

Race Distribution:

The largest racial group was **White (2571)**, followed by African American (1951), multi racial (1557), and Asian(1060) patients. Other significant groups included middle aged as well (40-50 yrs).

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 mornings hours are particularly busy. The patient demographics show a diverse age and racial composition , with nearly equal numbers of admitted and non admitted patients.