



10,000

Patient Count

50%

Medication Adherence

49%

Follow-up Appointment

3

Average Care Satisfaction

16

Average Length of Stay

Gender

- ☐ Female
- ☐ Male

Primary Diagnosis

- ☐ Cardiac Issues
- ☐ Diabetes
- ☐ Infections
- ☐ Injuries
- ☐ Respiratory Pr...

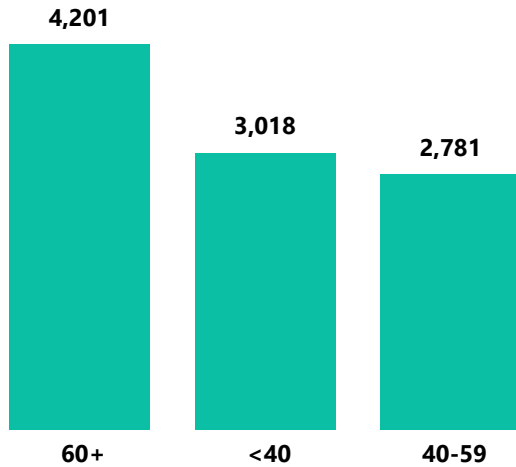
Discharge Desti...

- ☐ Home
- ☐ Nursing Facility
- ☐ Rehabilitation ...

Age Group

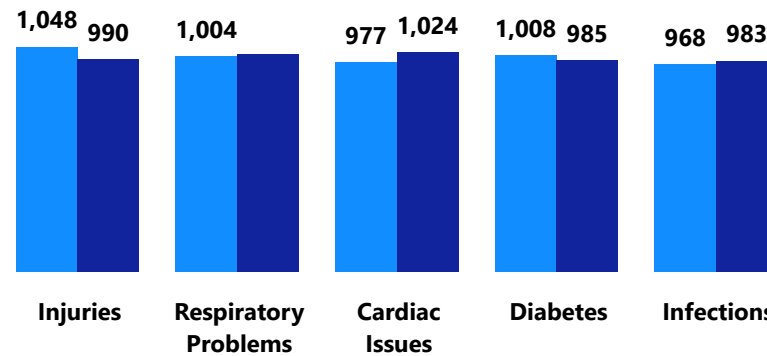
- ☐ <40
- ☐ 40-59
- ☐ 60+

Patient Count by Age Group

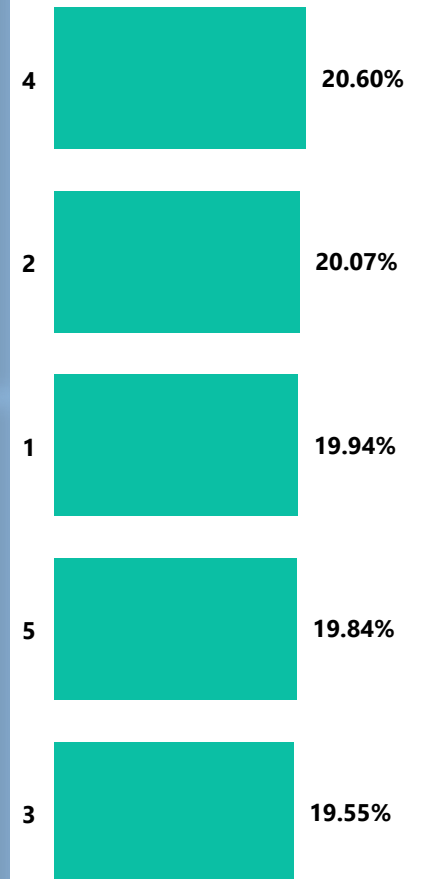


Patient Count by Primary Diagnosis and Medication Adherence

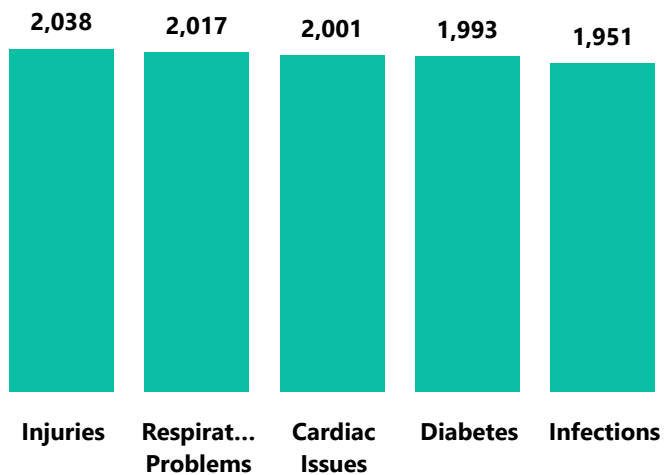
Medication Adhere... ● No ● Yes



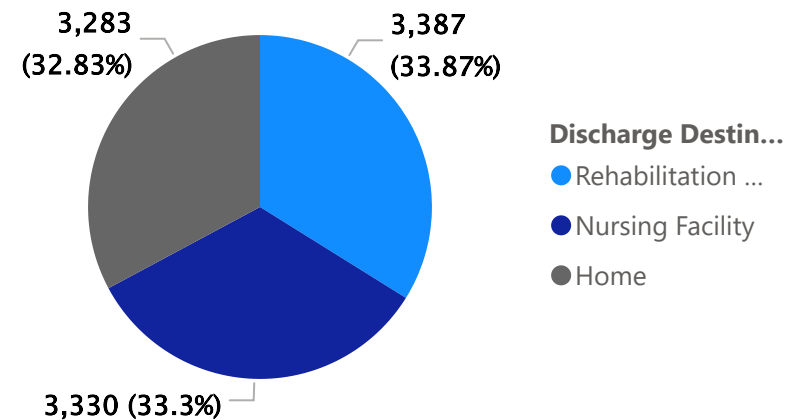
Care Satisfaction Ratings



Patient Count by Primary Diagnosis



Patient Count by Discharge Destination



HEALTHCARE DASHBOARD SUMMARY REPORT

Overview

The healthcare dashboard was designed to provide an interactive, visual overview of patient data for quick decision-making. It highlights key metrics related to patient counts, medication adherence, follow-up appointments, care satisfaction, and hospital stay patterns.

Key Insights

- **Patient Distribution:** The largest age group is **60+**, representing over 40% of patients.
- **Primary Diagnoses:** Common conditions include **Injuries**, **Respiratory Problems**, and **Cardiac Issues**, each accounting for significant portions of patient visits.
- **Medication Adherence:** Overall adherence is at **50%**, suggesting room for improvement in treatment compliance.
- **Follow-up Appointments:** Only **49%** of patients have scheduled follow-ups, highlighting a potential gap in post-discharge care.
- **Discharge Destinations:** Patients are nearly evenly split across **Rehabilitation Centers**, **Nursing Facilities**, and **Home**, with no destination significantly dominant.
- **Care Satisfaction:** The majority of ratings cluster between **1 to 4**, indicating a mixed level of patient satisfaction that warrants deeper review.

Design Choices

- **Top cards for KPIs:** Important metrics like Patient Count, LOS, Adherence, and Satisfaction are placed prominently at the top for immediate visibility.
- **Bar charts:** Used for clear category comparisons (e.g., patient count by age, diagnosis).
- **Pie chart:** Visualizes discharge distribution, making proportional analysis quick.
- **Slicers:** Gender, Age Group, Diagnosis, and Discharge Destination filters enhance interactivity, allowing users to drill down easily.
- **Color scheme:** A green and blue palette was chosen to reflect a healthcare theme, ensuring consistency and clarity.

Challenges Faced

- **Displaying large numbers clearly:** Initially, numbers like patient count showed as 10k, which was unclear for precise reporting.
- **Space management:** Balancing many visuals in a limited space without cluttering the view.

Solutions Applied

- Adjusted **data label formatting** to show full values (e.g., 10,000 with commas instead of 10k).
- Carefully arranged visuals to avoid overlap, ensuring slicers and charts are distinct but accessible.

Conclusion

The dashboard provides a comprehensive, user-friendly summary of patient data, enabling quick insight into key healthcare metrics. With small enhancements (e.g., trend lines, larger labels), it can further improve clarity and impact.