# Hospital Patient Admissions Dashboard — 2023

Use the slicers to filter patient data by Status, Gender & Department

Status: All

Gender: All

Department: All

**Deceased Rate%**
84%

**TotalPatients**
200

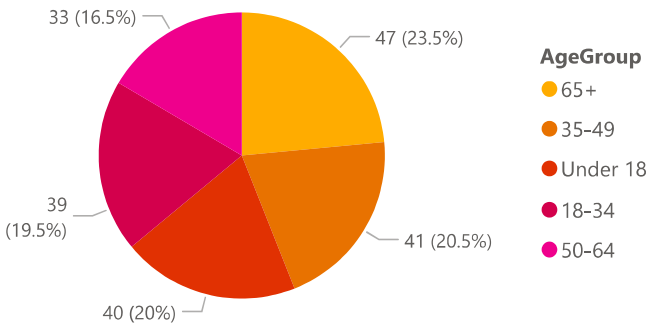
**AdmittedPatients**
19

**Discharge Rate %**
82.5%

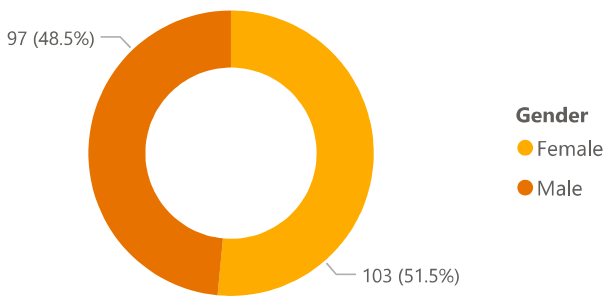
**DeceasedPatients**
16

**DischargedPatients**
165

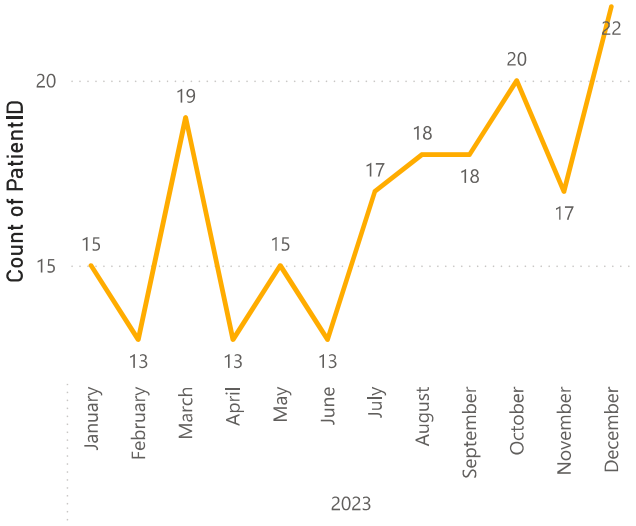
## Count of PatientID by AgeGroup



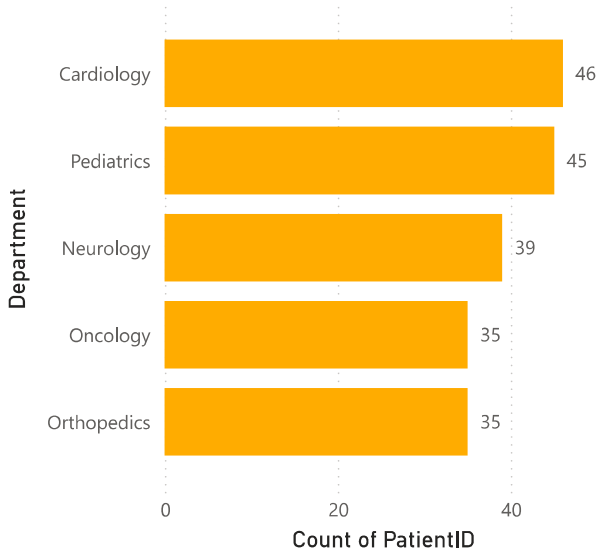

## Count of PatientID by Gender



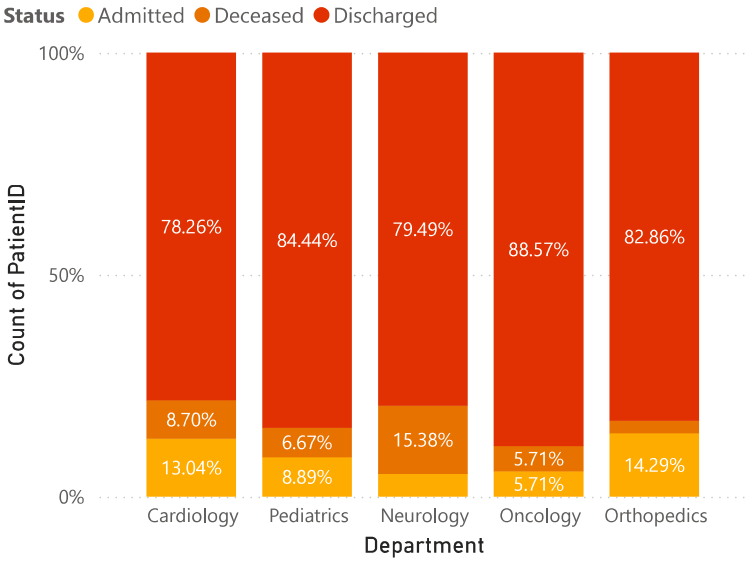

## Admissions Trend Over Time




## Count of PatientID by Department




## Count of PatientID by Department and Status



## Project Summary:

# Hospital Admissions Dashboard (2023)

### Project Objective:

To analyze hospital patient admissions data for the year 2023, providing insights into patient count, department-wise trends, admission status breakdown, and demographic distribution, helping hospital management make informed decisions.

### Tools & Technologies:

- **Power BI** (Dashboard creation, data modeling, DAX measures)
- **Excel** (Data preparation)

### Key Metrics & Visualizations:

- Total Patients Count
- **Status Breakdown:** Admitted, Discharged, Deceased
- Department-wise Admissions
- Age Group & Gender Distribution
- Monthly Admissions Trend
- **Interactive Slicers:** By Gender, Status, Department

### Key Insights:

- Majority of admissions observed in [Cardiology]
- Higher patient count in [August & December]
- Deceased rate within **[84%]** of total admissions
- Gender-wise and age group distribution highlighting [Majority of admitted patients are **female**.]

## Gender-wise and age group distribution highlighting:

- Majority of admitted patients are female (**51.5%**).
- **Most admissions are from the 65+ age group (23.5%)**, followed by **50-64 (20%)** and **18-34 (19.5%)** age groups.
- **Male patients account for 48.5%, indicating a fairly balanced gender ratio.**
- **Under 18 admissions are the lowest at 16.5%,** suggesting fewer hospital visits among younger patients.

## Conclusion & Recommendations:

🫀 **Optimize Cardiology Department Resources**

- → Highest admissions and highest deceased rate — requires immediate attention in staffing, equipment, and patient care processes.

👴 👵 **Strengthen Elderly Care Programs (65+ Age Group)**

- → Largest patient segment — invest in specialized geriatric services, regular screenings, and follow-ups.

🚼 **Enhance Pediatric Outreach & Awareness**

→ Low admissions in the under 18 age group — increase community programs, pediatric health camps, and awareness initiatives.

🗓️ **Address Seasonal Admission Spikes (August & December)**

- → Plan for extra resources, staff, and capacity during peak months.

⚖️ **Maintain Balanced Gender Services**

- → With a fairly even gender distribution, ensure equal access, facilities, and specialized care programs for both male and female patients.

"Actions derived from 2023 hospital admission insights"