

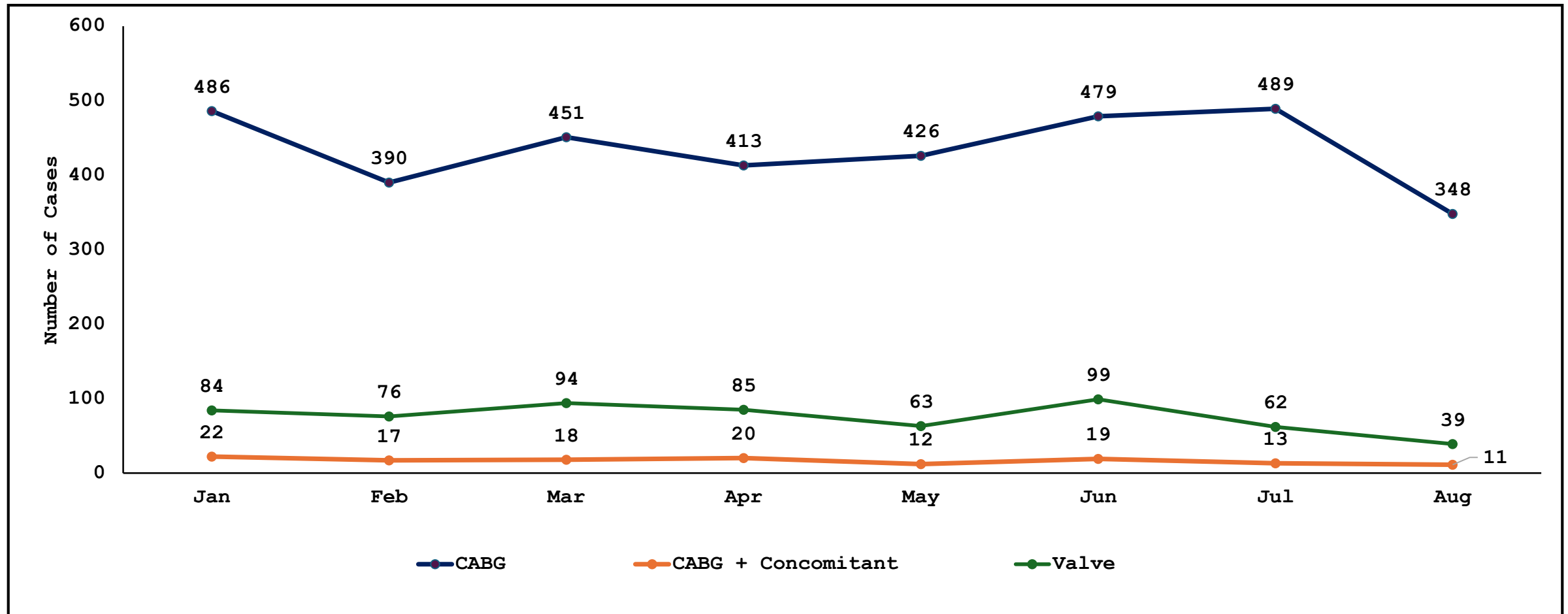


# IACS National Database Report

## August, 2026

# Temporal Trends (Jan-Aug, 2026)

## Adult Cardiac Surgery

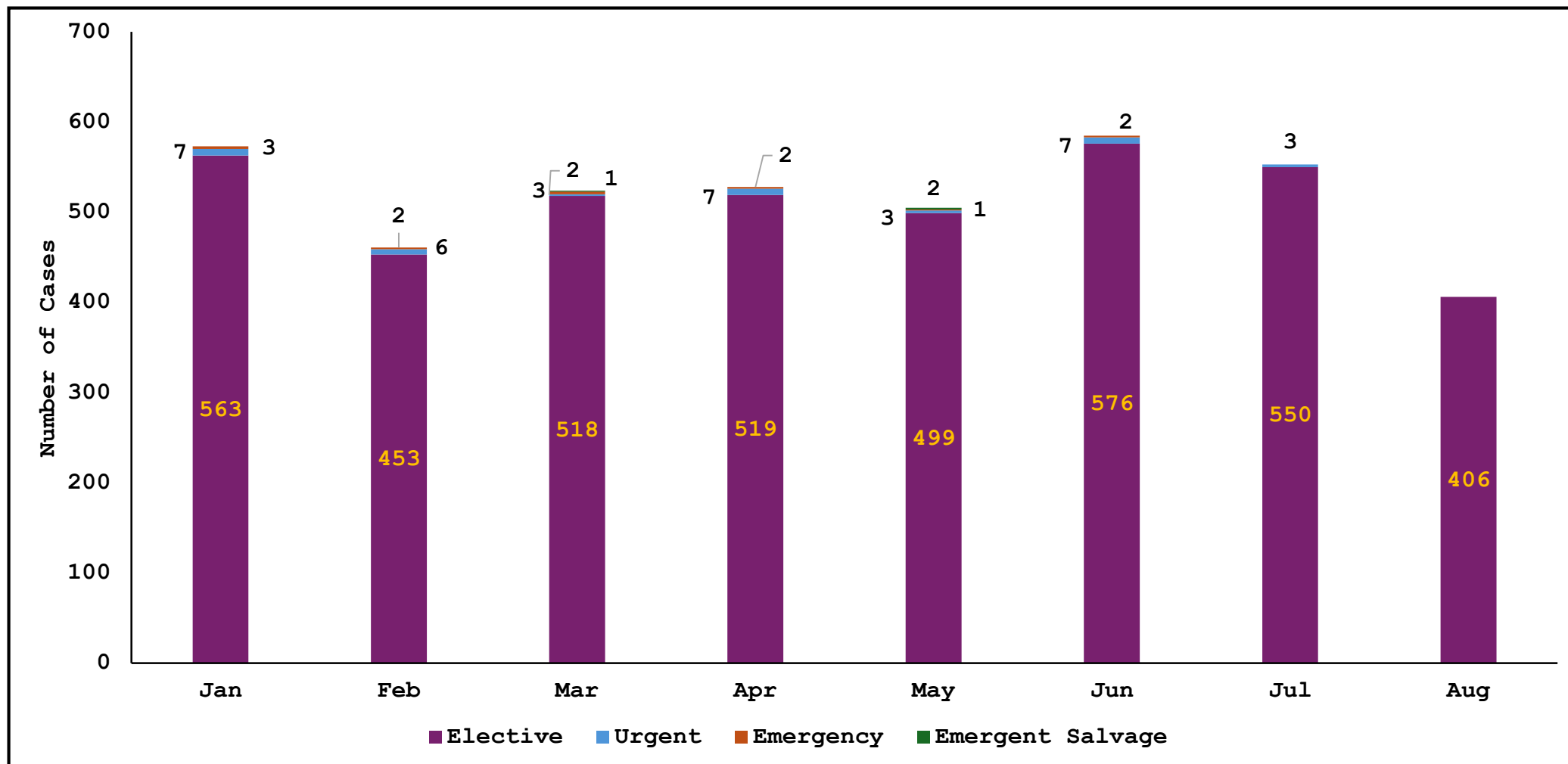


# Type of Surgery

## Adult Cardiac Surgery

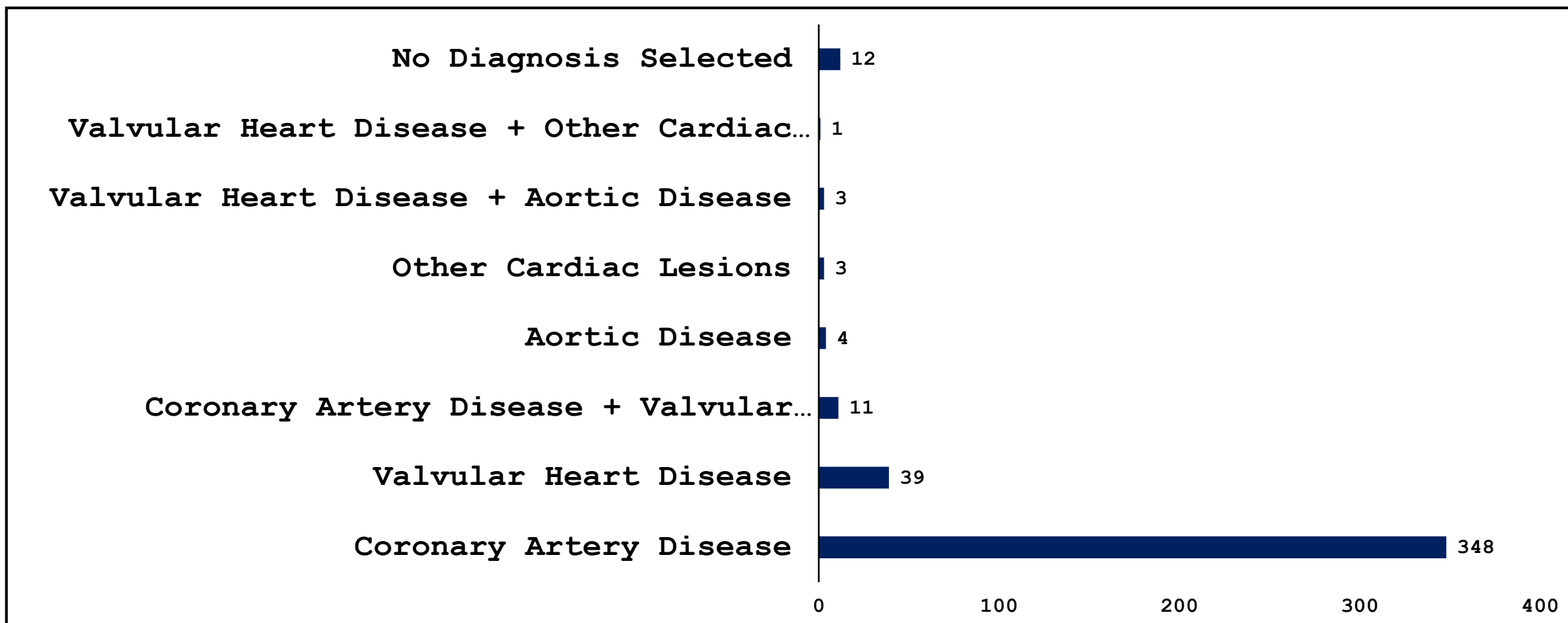


Average Missing data -  
3.92%



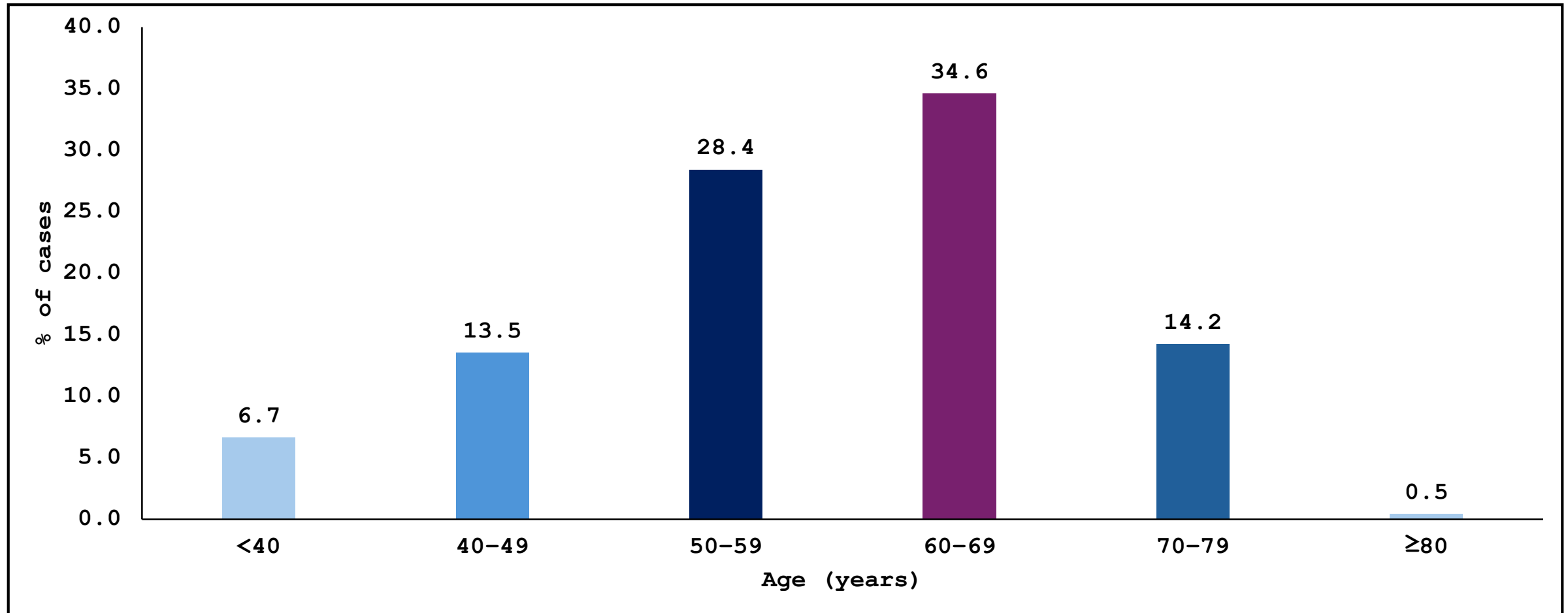
# Disease distribution

## Adult Cardiac Surgery



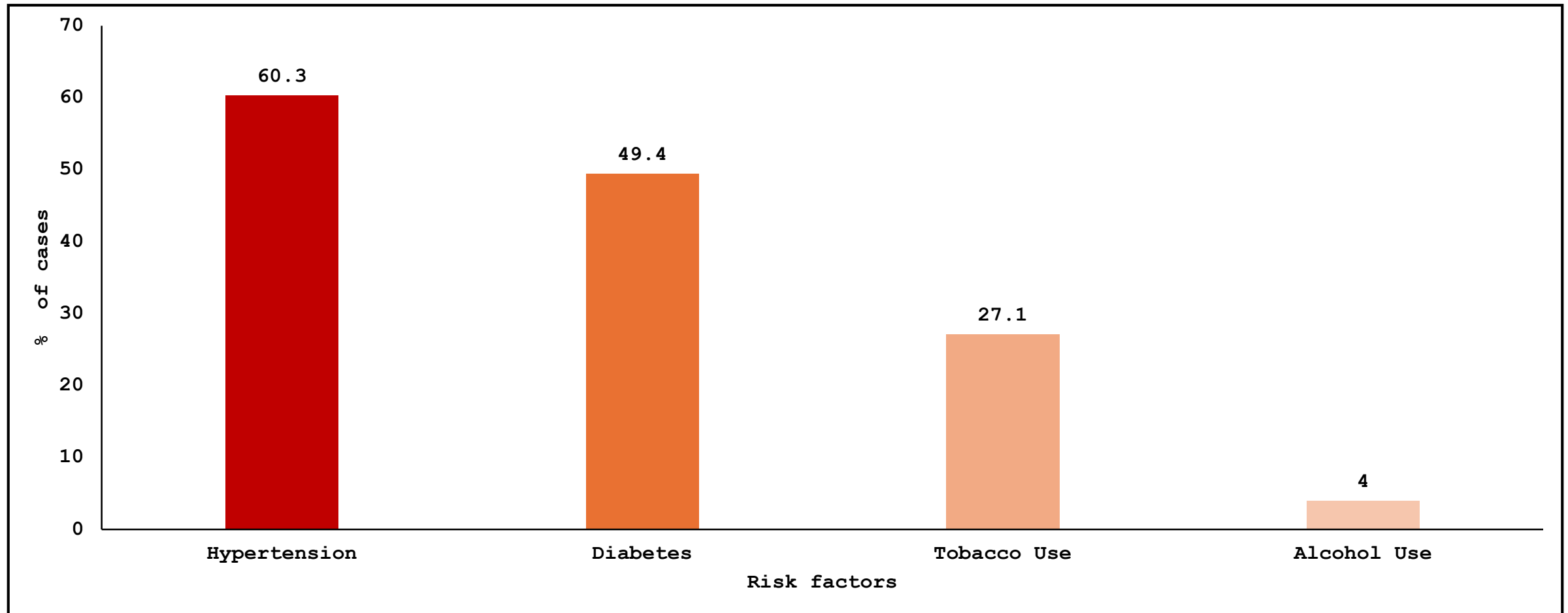
# Age Distribution (%)

## Adult Cardiac Surgery



# Risk Factors (%)

## Adult Cardiac Surgery

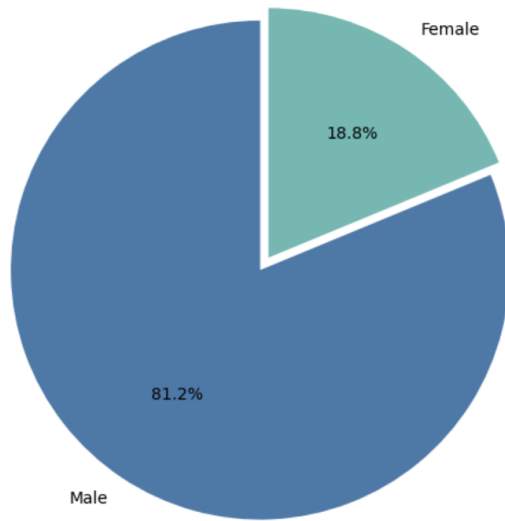


# Gender Distribution (%)

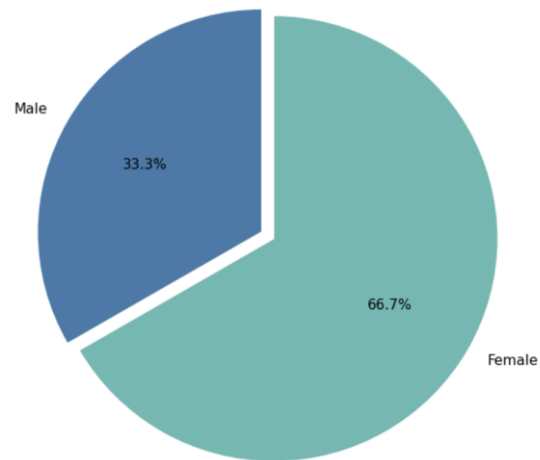
## Adult Cardiac Surgery



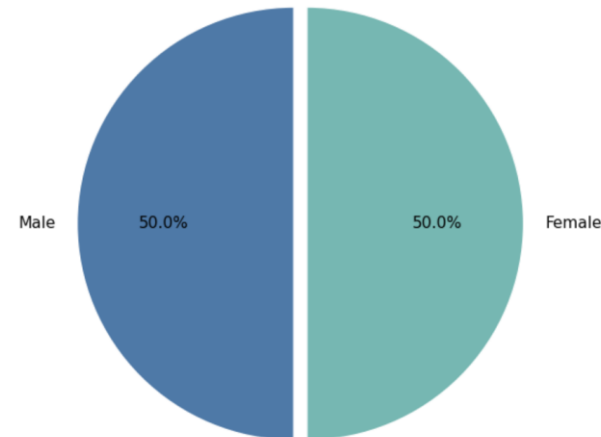
**Gender Distribution - Total**



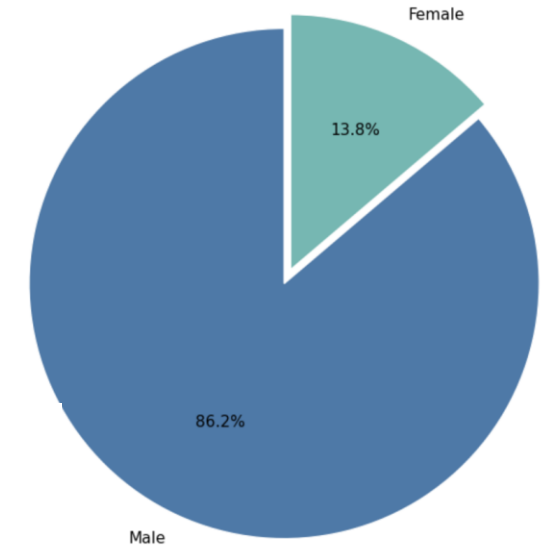
**Gender Distribution - Isolated Valve**



**Gender Distribution - Aortic**



**Gender Distribution - Isolated CABG**

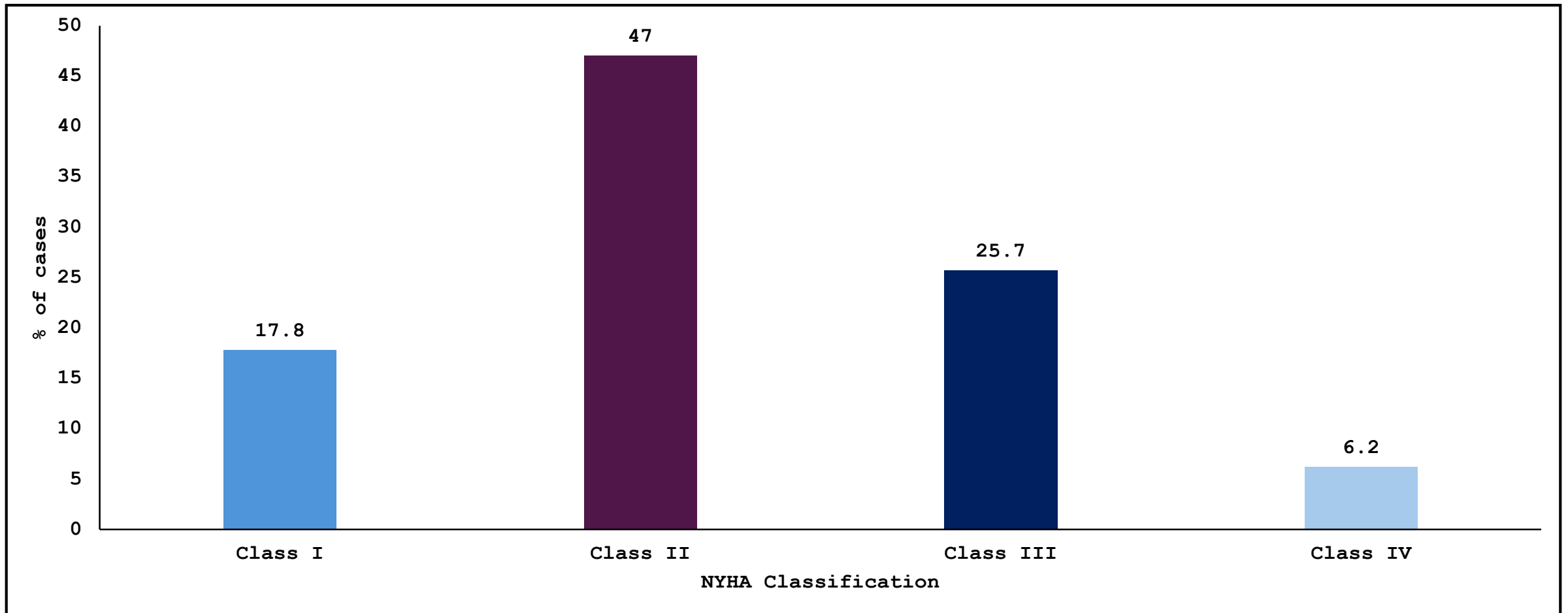


# Dyspnoea - NYHA Class (%)



Adult Cardiac Surgery

*Missing data - 3.3%*

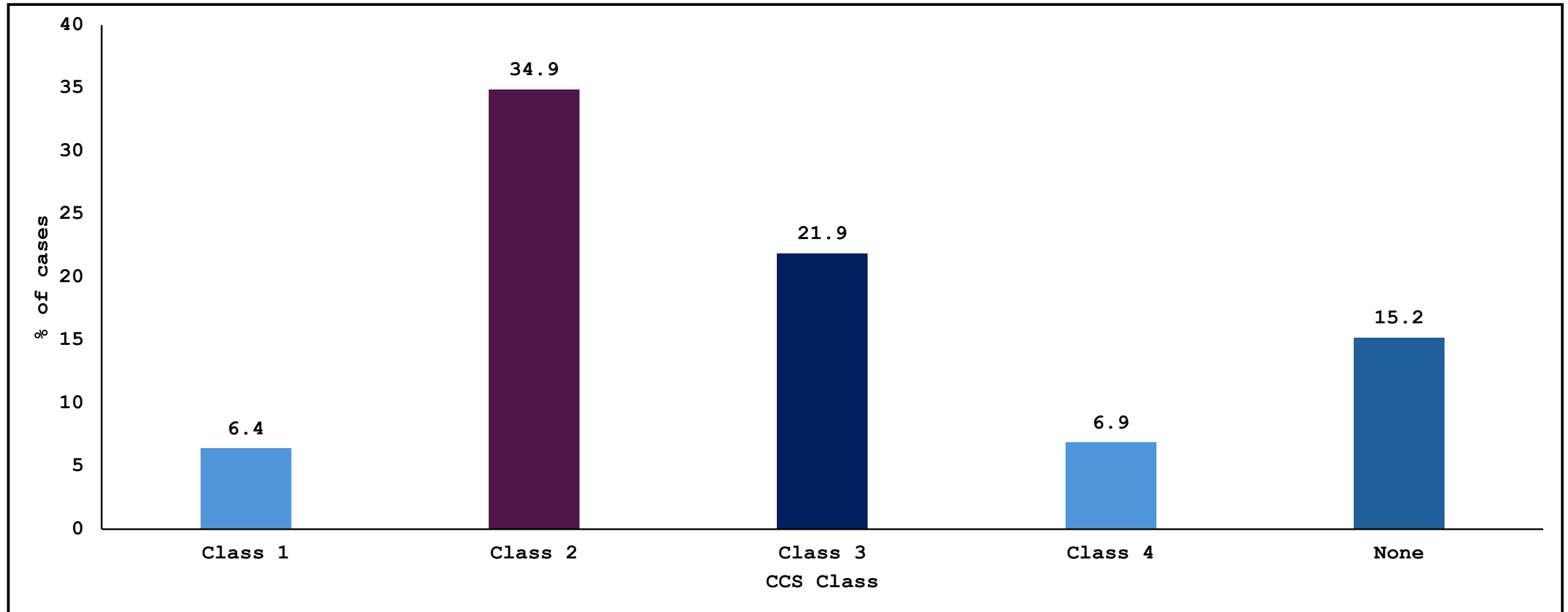


# Angina - CCS Class (%)

## Adult Cardiac Surgery



*Missing data - 14.7%*

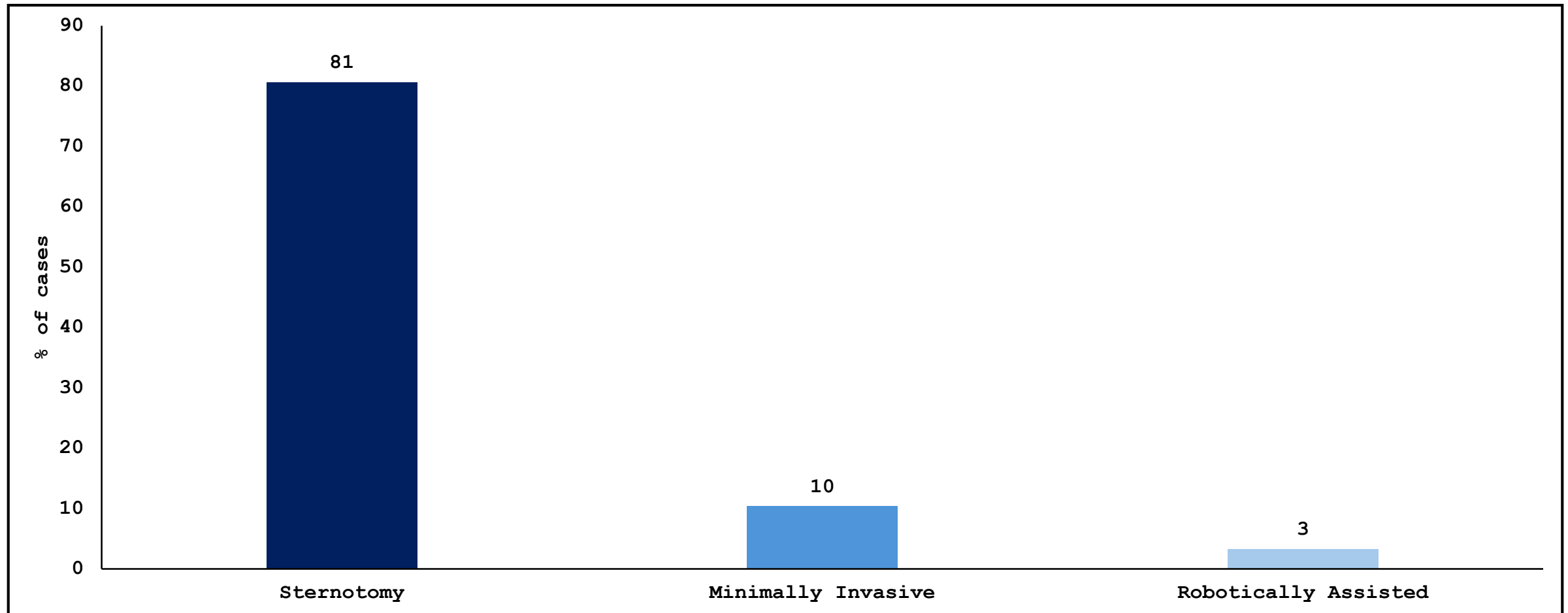


# Surgical Approach (%)

## Adult Cardiac Surgery

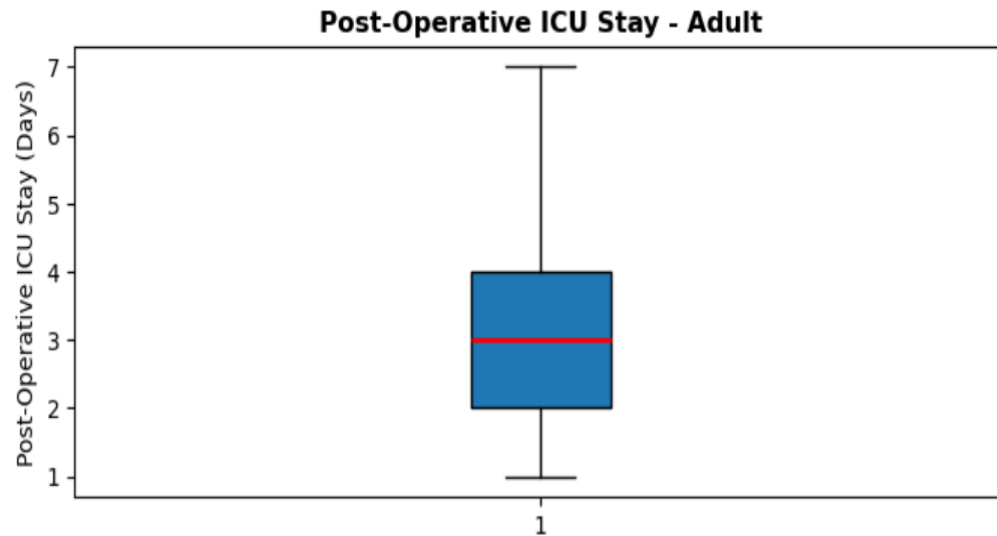


*Missing data - 6%*

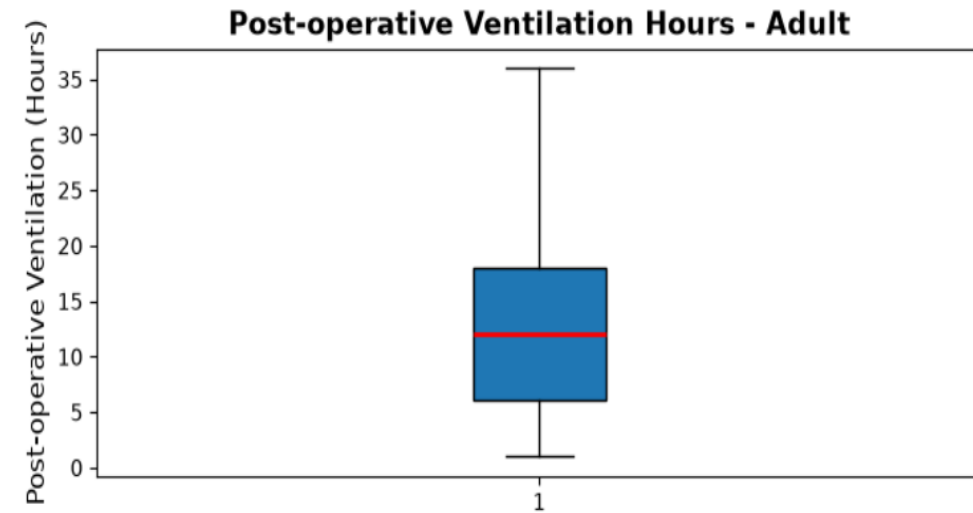


# Outcome Measures

## Adult Surgery



Mean: 3.0 days    Median: 3.0 days    Q1: 2.0 days    Q3: 4.0 days    IQR: 2.0 days    Outliers: 6



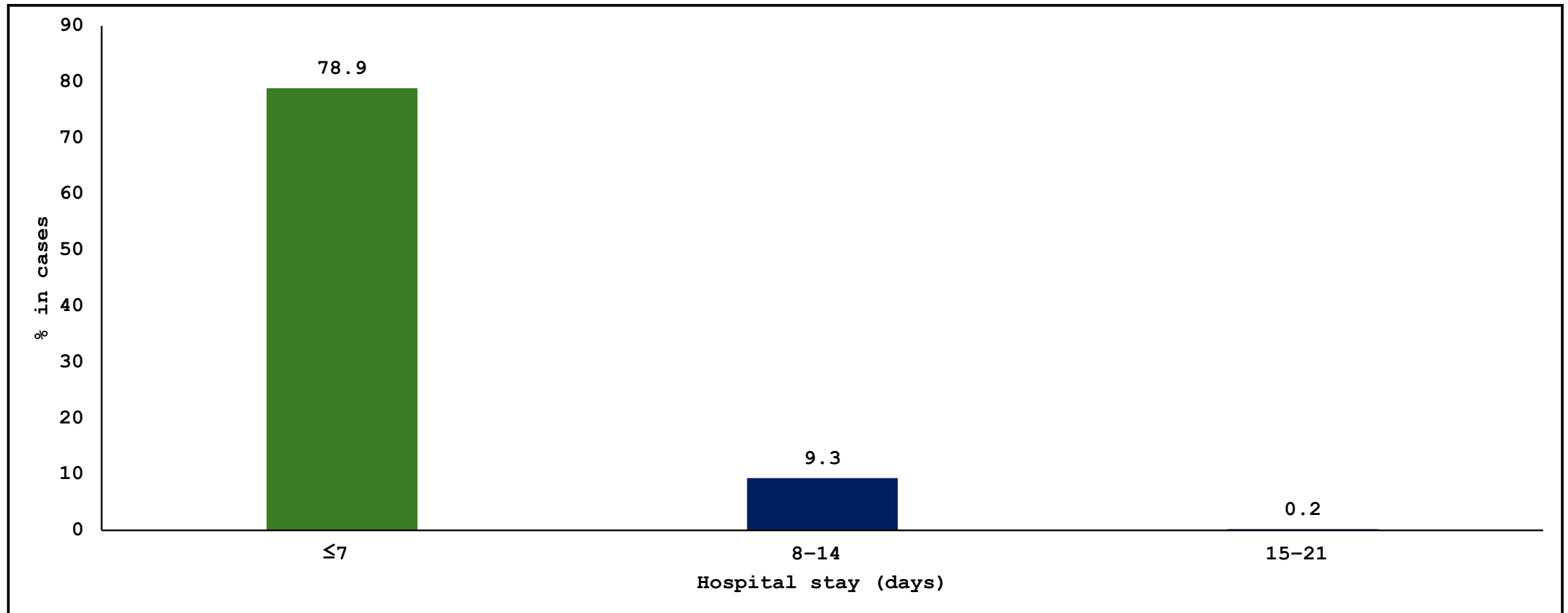
Mean: 13.7 hrs    Median: 12.0 hrs    Q1: 6.0 hrs    Q3: 18.0 hrs    IQR: 12.0 hrs    Outliers: 9

# Hospital stay (%)

## Adult Cardiac Surgery



*Missing data - 11.6%*

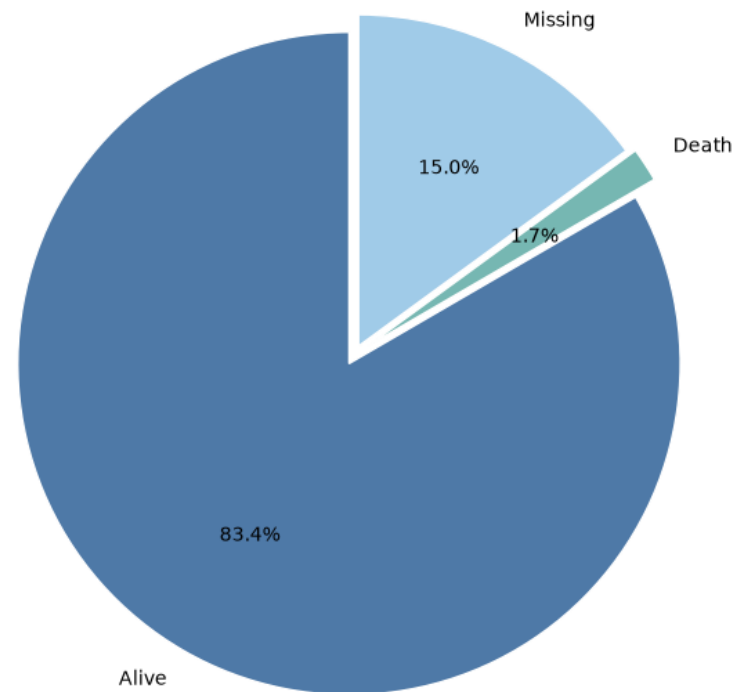


# In-Hospital Mortality

## Adult Surgery



*Missing data - 15%*



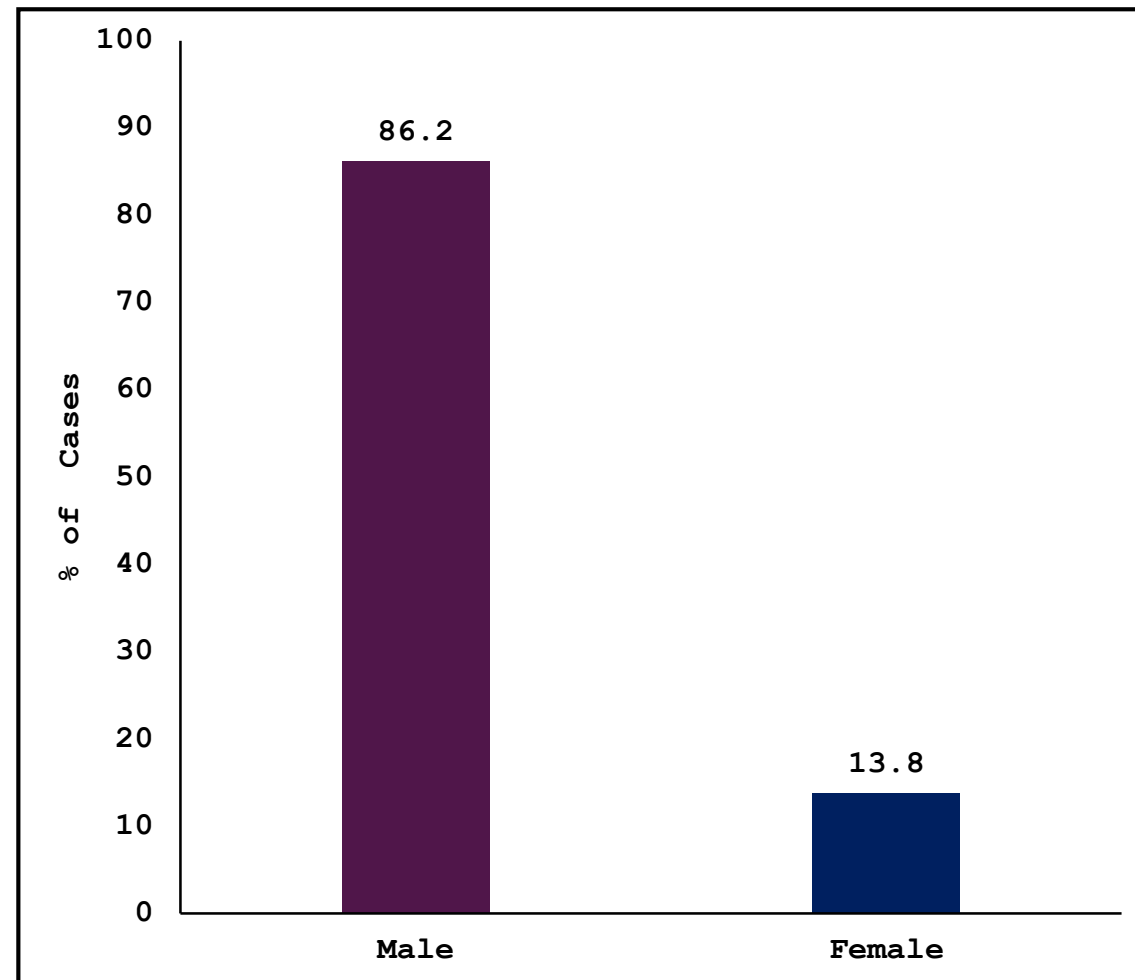
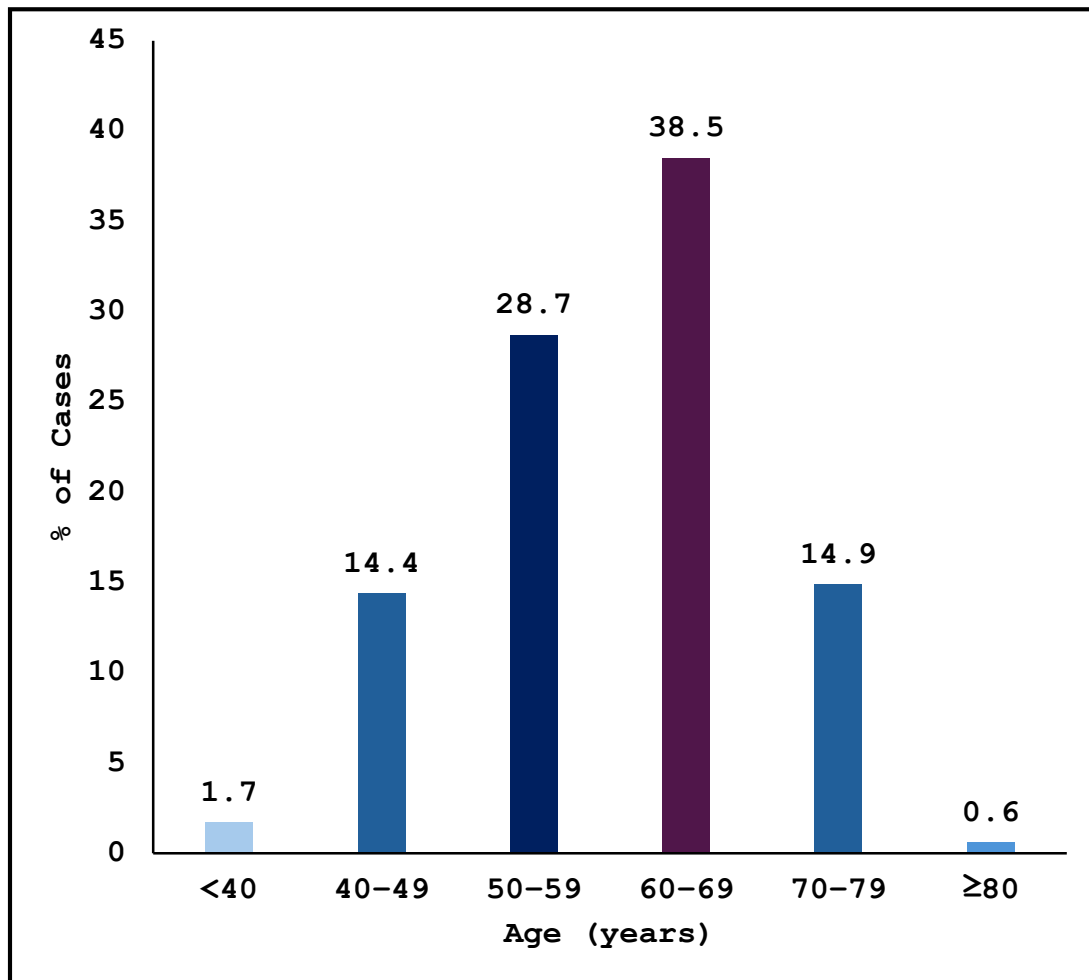
Note : Missing data indicate that the corresponding field was left blank.



# Coronary Artery Disease

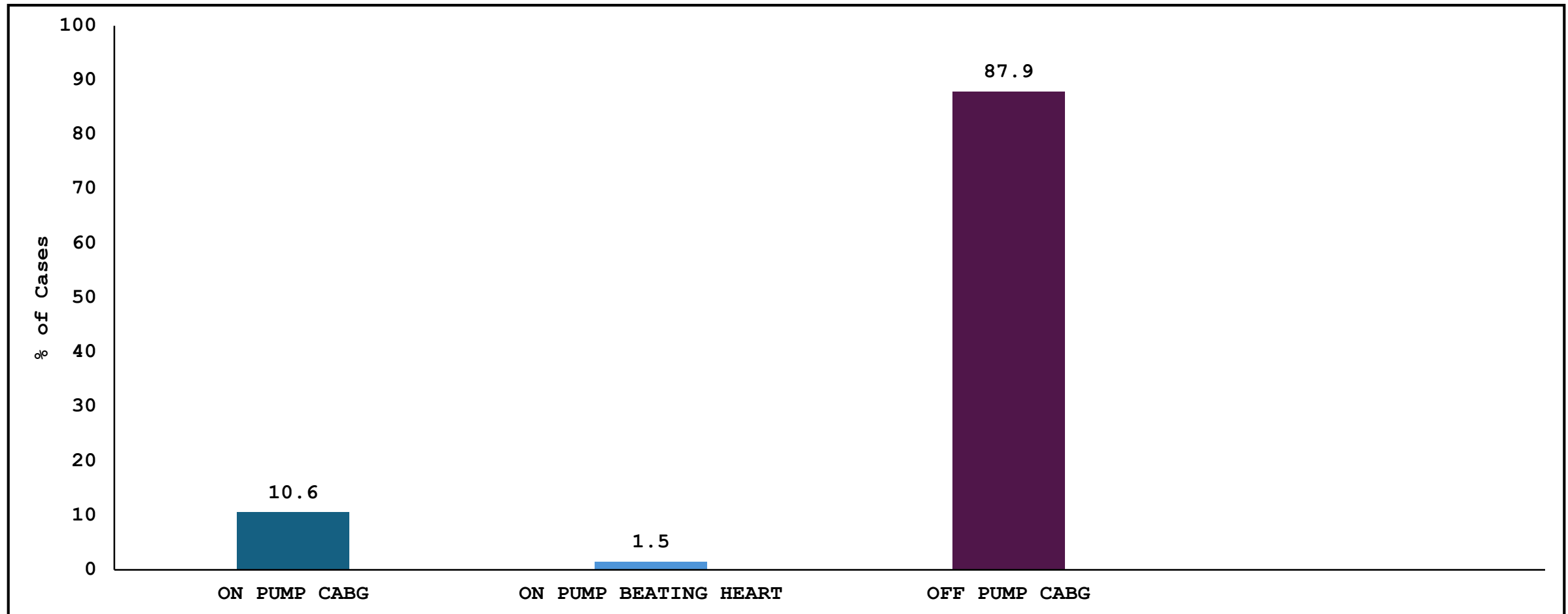
# Age and Gender Distribution (%)

## Isolated CABG



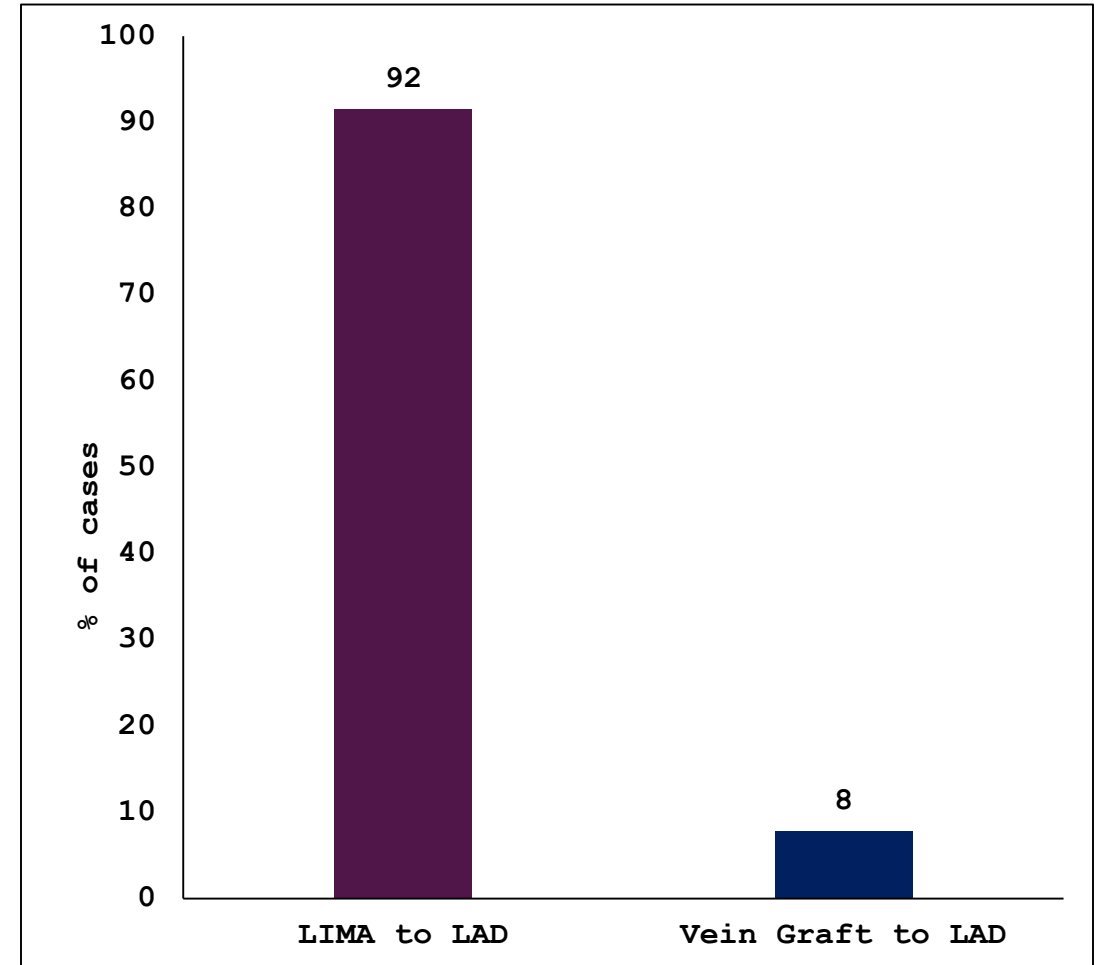
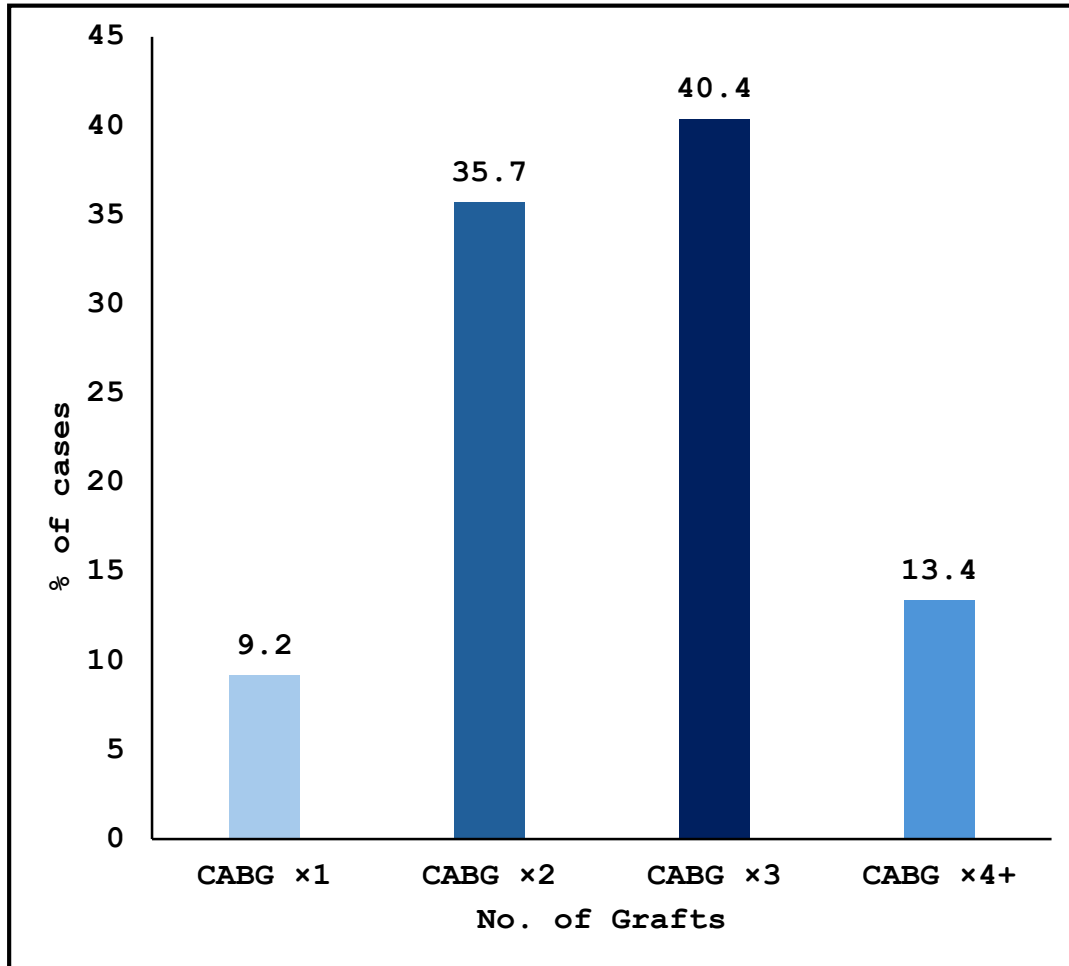
# Distribution of Cardiopulmonary Bypass (%)

## Isolated CABG



# Distribution of Grafts (%)

## Isolated CABG

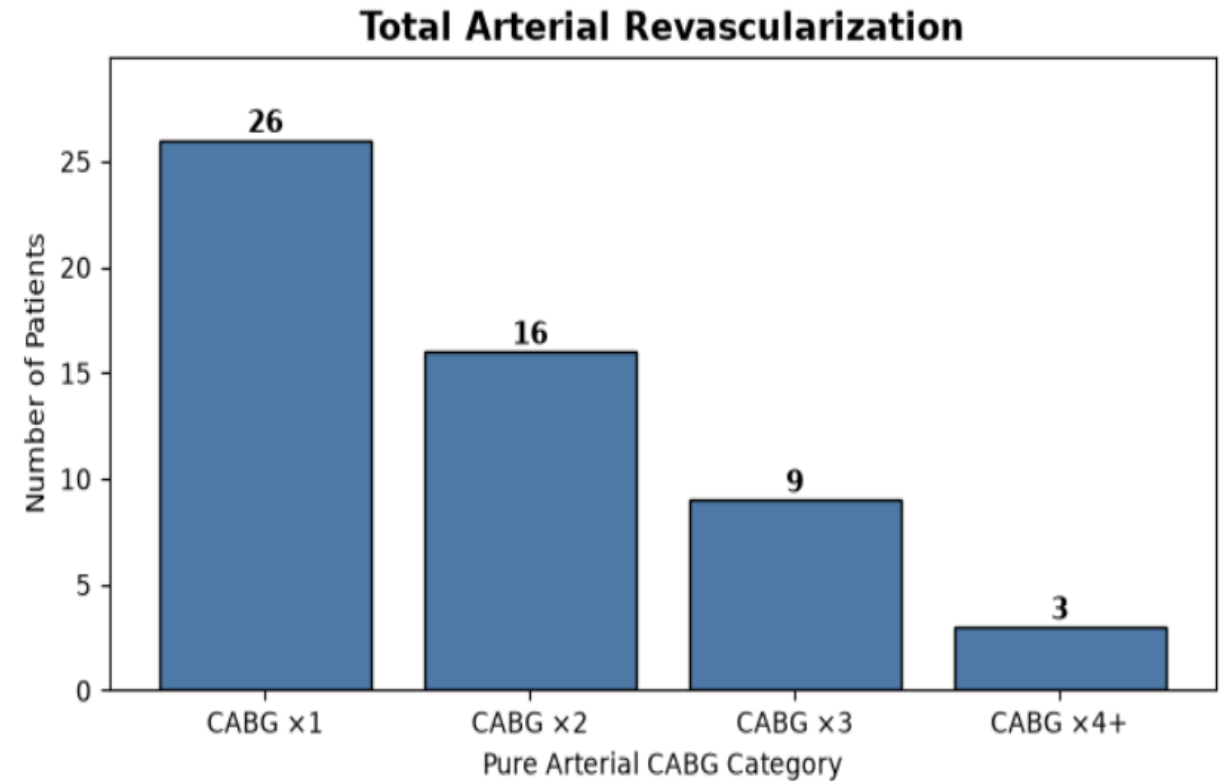


# Conduits Used

## Isolated CABG



|                      | Number of Patients |
|----------------------|--------------------|
| Total                | 348                |
| LIMA                 | 320 (91.9%)        |
| RIMA                 | 29 (8.33%)         |
| BIMA                 | 28 (8.04%)         |
| Radial               |                    |
|                      |                    |
|                      | Number of Patients |
| Only Arterial Grafts | 54 (15.52%)        |
| Only Vein Grafts     | 32 (9.19%)         |

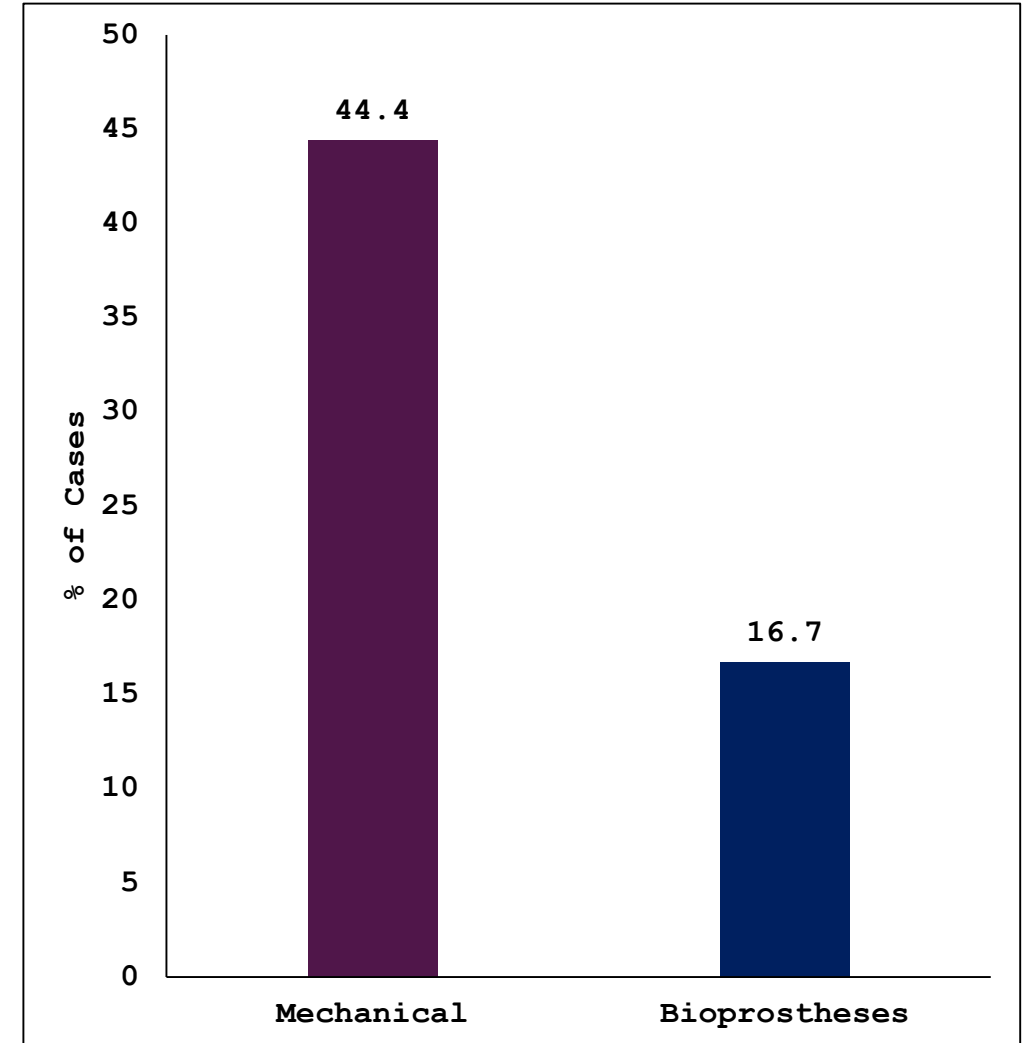
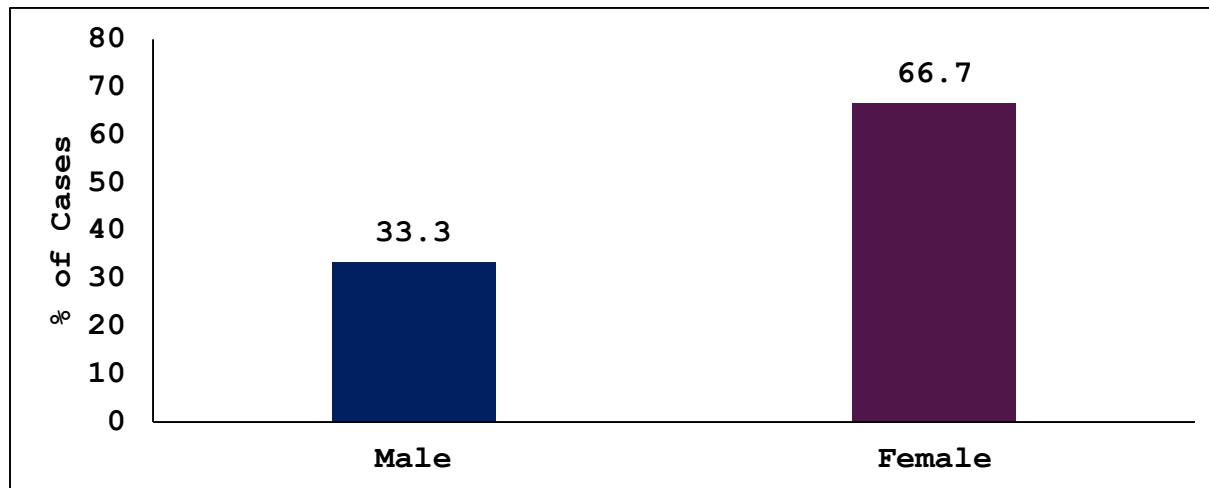
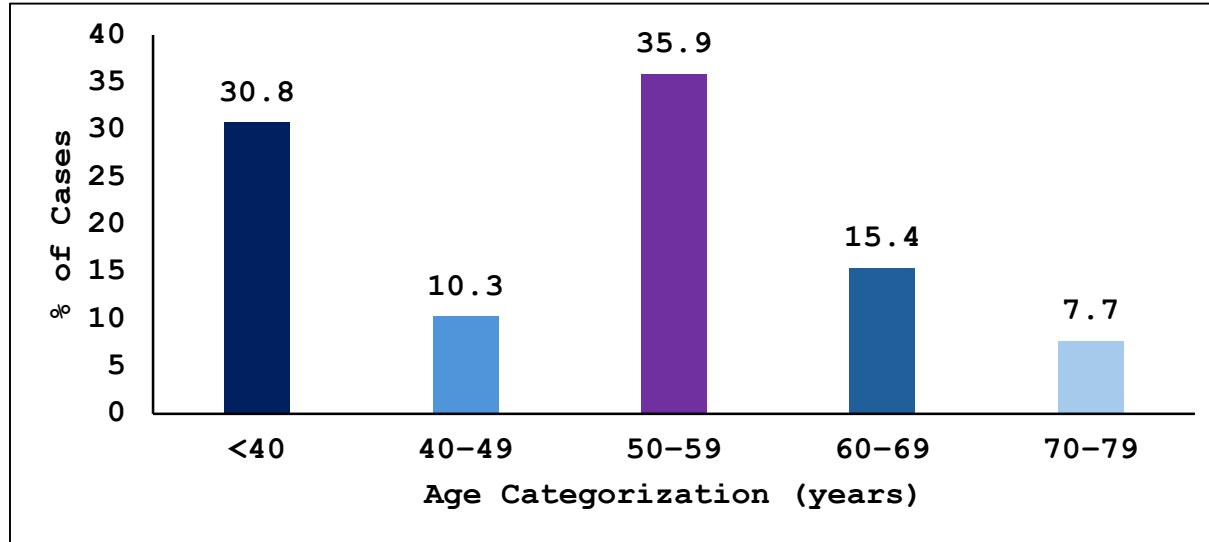


# August Summary (%)

## Valve Procedures



*Missing data - 38.9%*

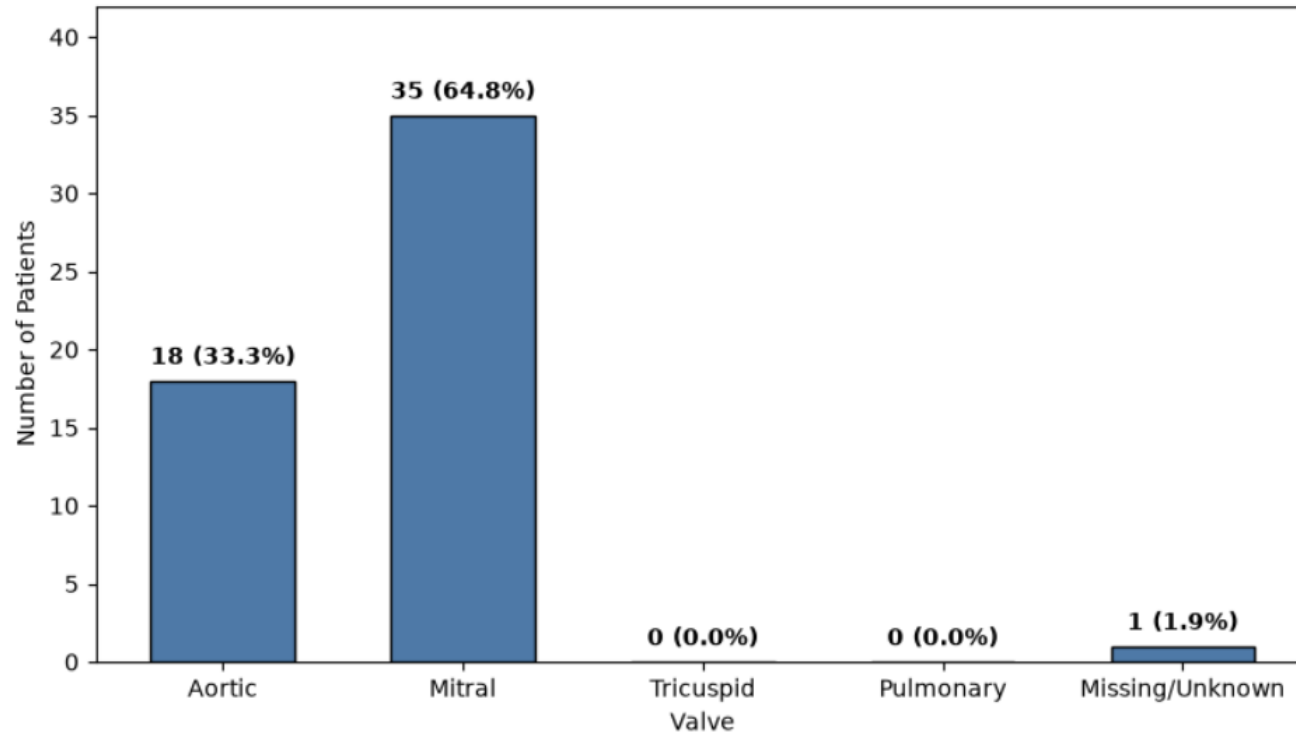


# August Summary (%)

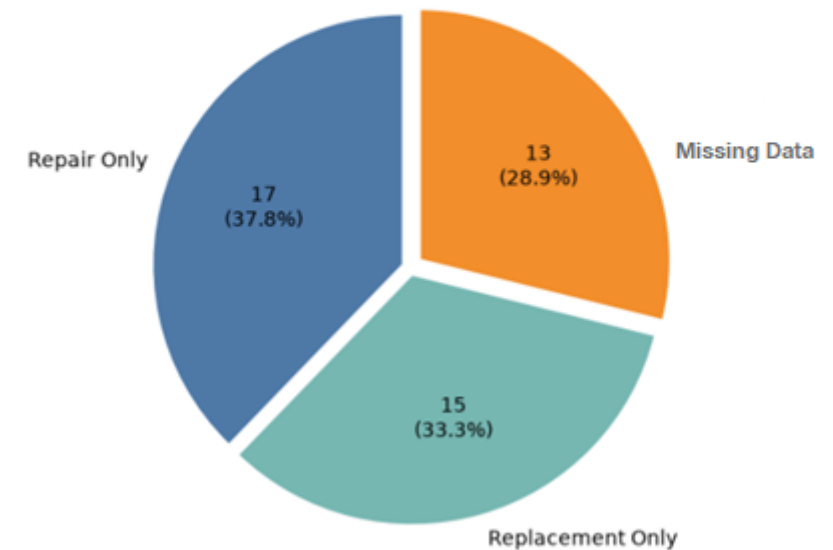
## Valve Procedures



**Valve Diagnosis Distribution - Valvular Heart Disease**

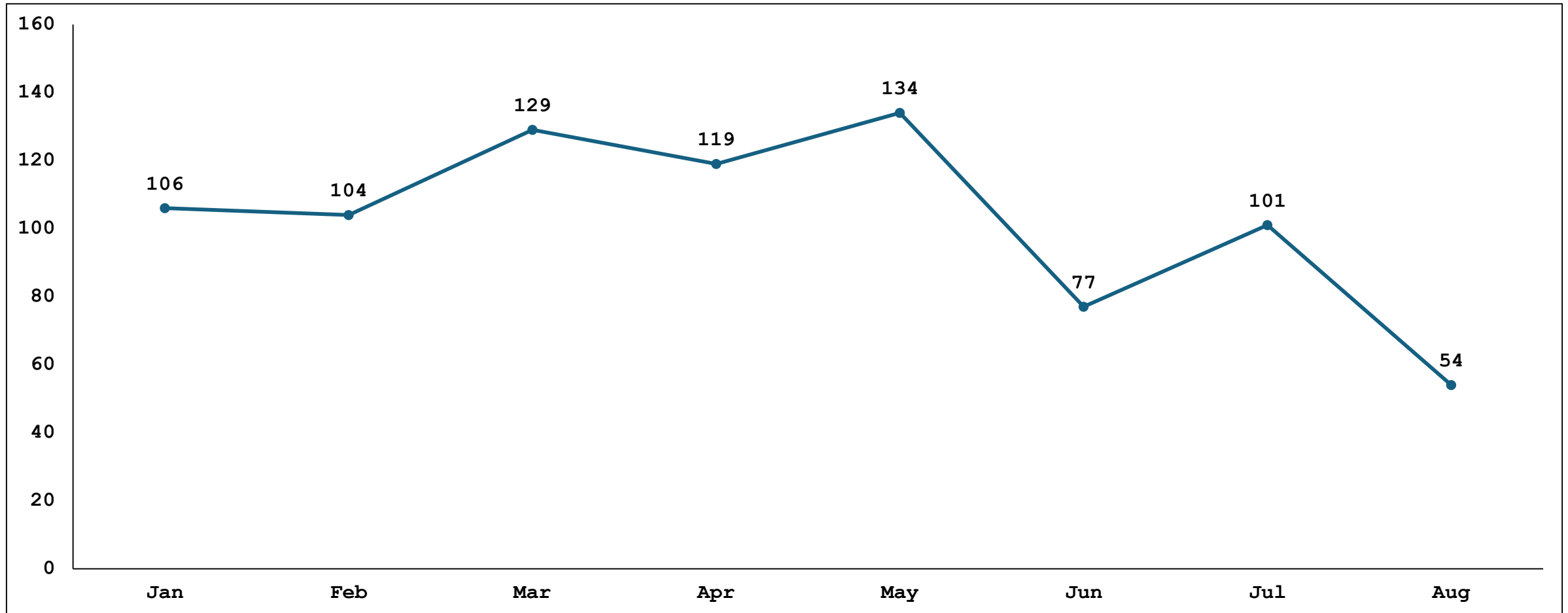


**Valve Procedures (Patient-wise)**



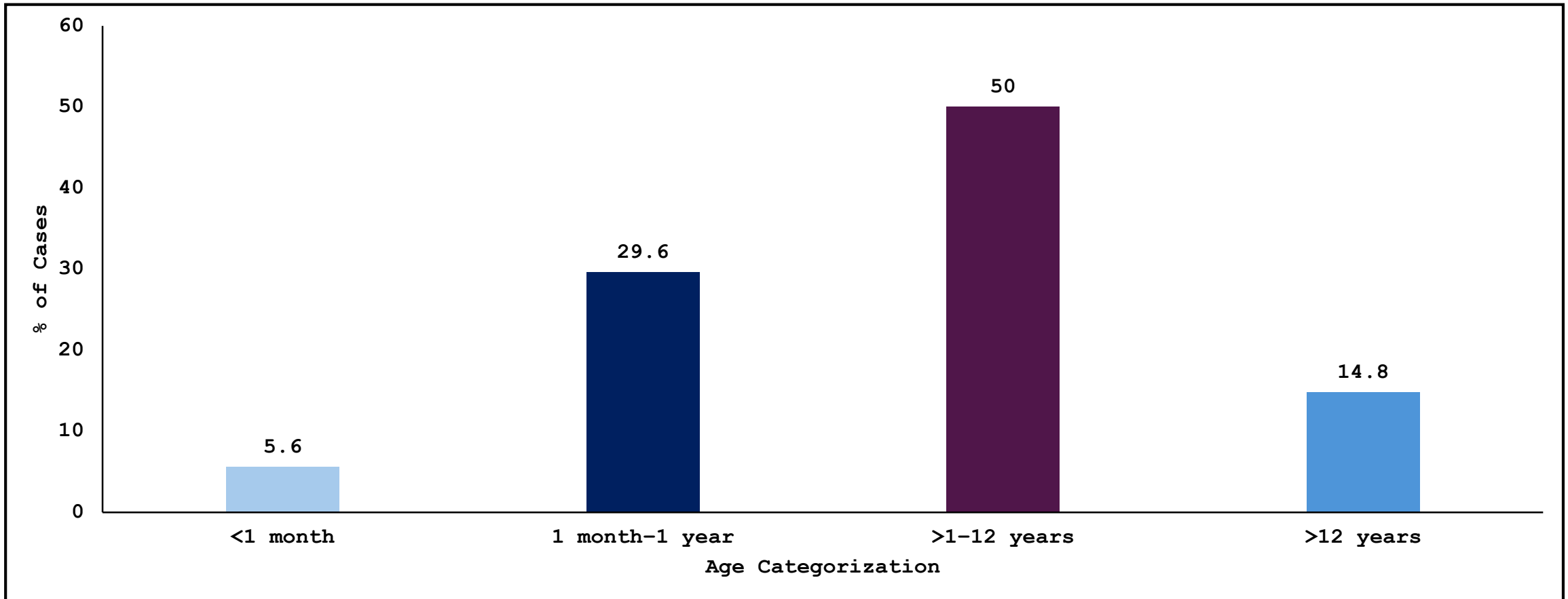
# Temporal Trends (Jan-Aug, 2026)

## Congenital Cardiac Surgery



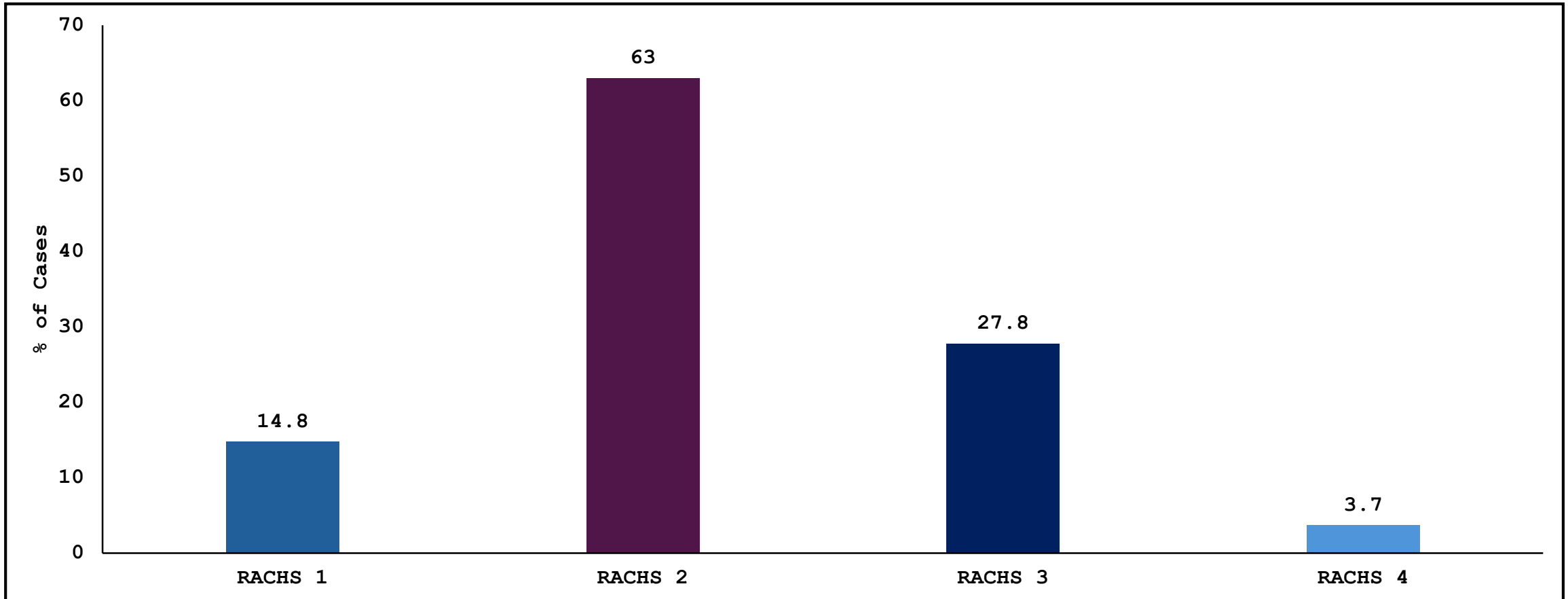
# Age Distribution (%)

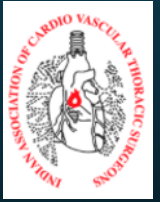
## Congenital Cardiac Surgery



# RACHS Classification (%)

## Congenital Cardiac Surgery





# Procedures – RACHS Classification

## Congenital Cardiac Surgery

| RACHS                            | No. of Cases |
|----------------------------------|--------------|
| <b>RACHS 1</b>                   |              |
| ASD Repair                       | 6            |
| TAPVC Repair                     | 2            |
| <b>RACHS 2</b>                   |              |
| Subaortic stenosis resection     | 1            |
| Pulmonary valvotomy              | 1            |
| Pulmonary valve replacement      | 1            |
| VSD repair                       | 12           |
| VSD + Pulmonary valvotomy        | 2            |
| Unspecified septal defect repair | 2            |
| TOF repair                       | 10           |
| Glenn shunt                      | 4            |
| Aortopulmonary window repair     | 1            |

| RACHS                   | No. of Cases |
|-------------------------|--------------|
| <b>RACHS 3</b>          |              |
| Aortoplasty             | 1            |
| Mitral valvotomy        | 3            |
| Semilunar valve closure | 1            |
| DORV repair             | 1            |
| Fontan procedure        | 2            |
| AV canal repair         | 3            |
| Systemic-PA shunt       | 1            |
| Arterial switch         | 3            |
| <b>RACHS 4</b>          |              |
| TAPVC repair (<30 days) | 1            |
| Rastelli procedure      | 1            |

# Outcome Measures

## Congenital Cardiac Surgery



| ICU Stay | n  | %    |
|----------|----|------|
| ≤7 days  | 48 | 88.9 |
| Missing  | 6  | 11.1 |

| Mortality Status | n  | %   |
|------------------|----|-----|
| Alive            | 54 | 100 |