

# CLAIMS TABLE

## EXPLORATORY DATA ANALYSIS REPORT

Generated on: 2025-08-21 10:51:30

### DATASET OVERVIEW

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Dataset Shape: 1,208 rows × 7 columns  
Date Range: 2020-01-01 to 2023-12-31  
Unique Patients: 200  
Total Claims: 1,208  
Analysis Period: 1460 days

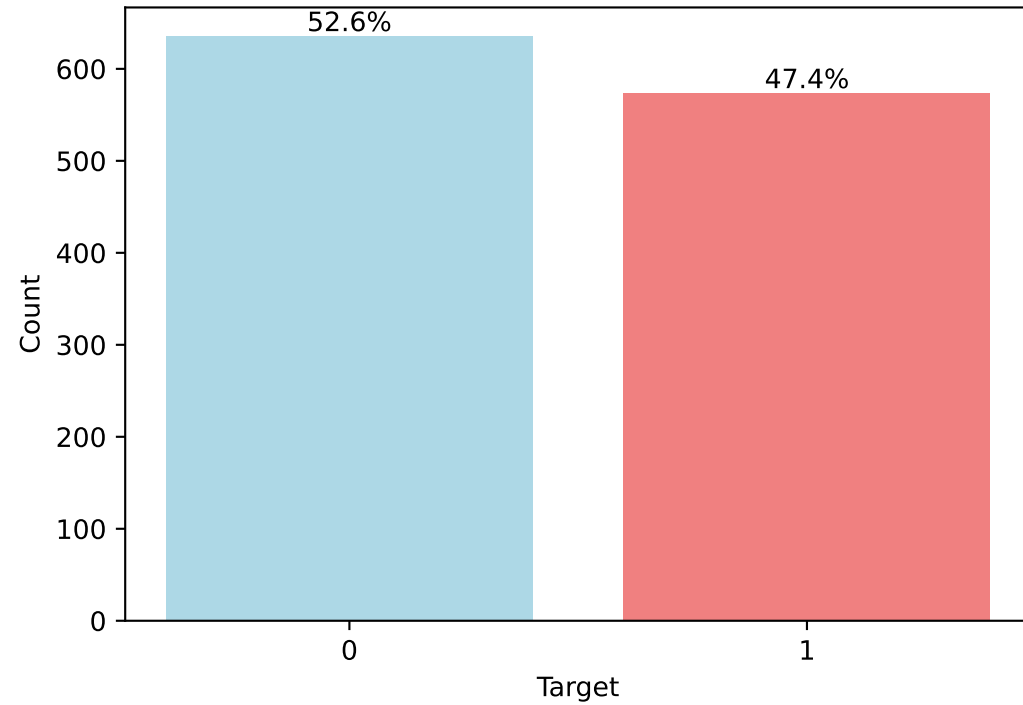
### DATA QUALITY SUMMARY

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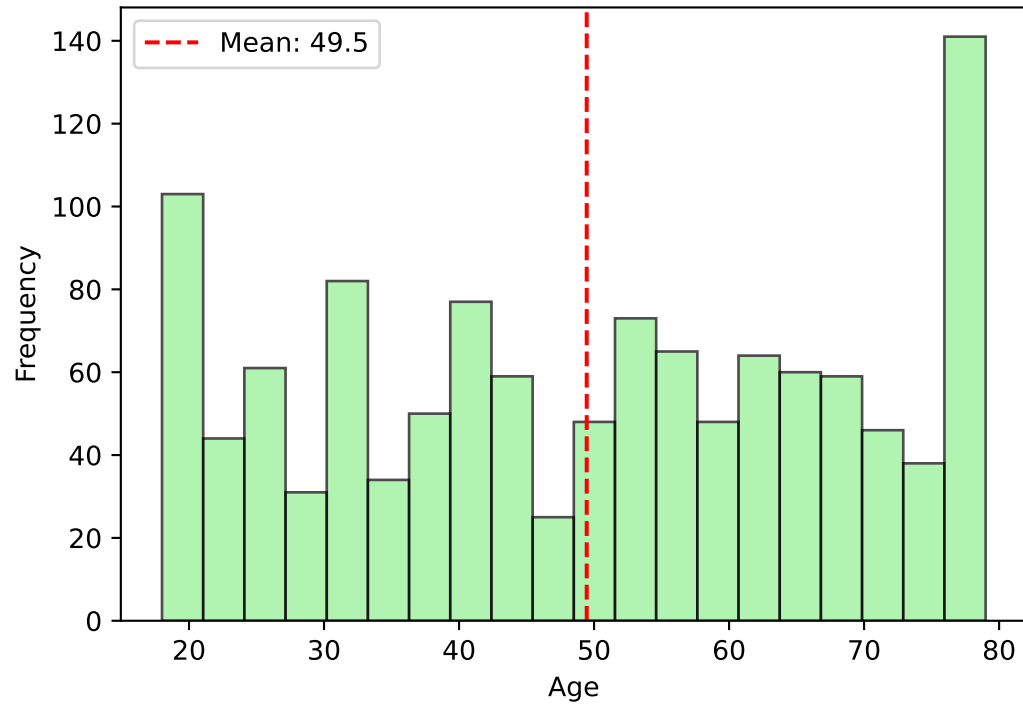
No missing values detected  
Patient age data appears consistent

# Target Variable and Demographics Analysis

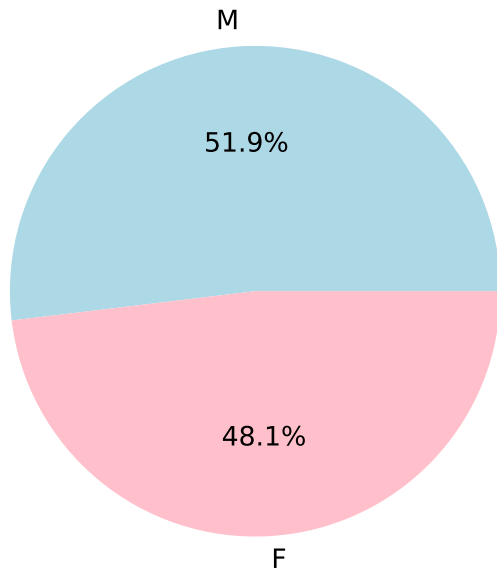
## Target Distribution



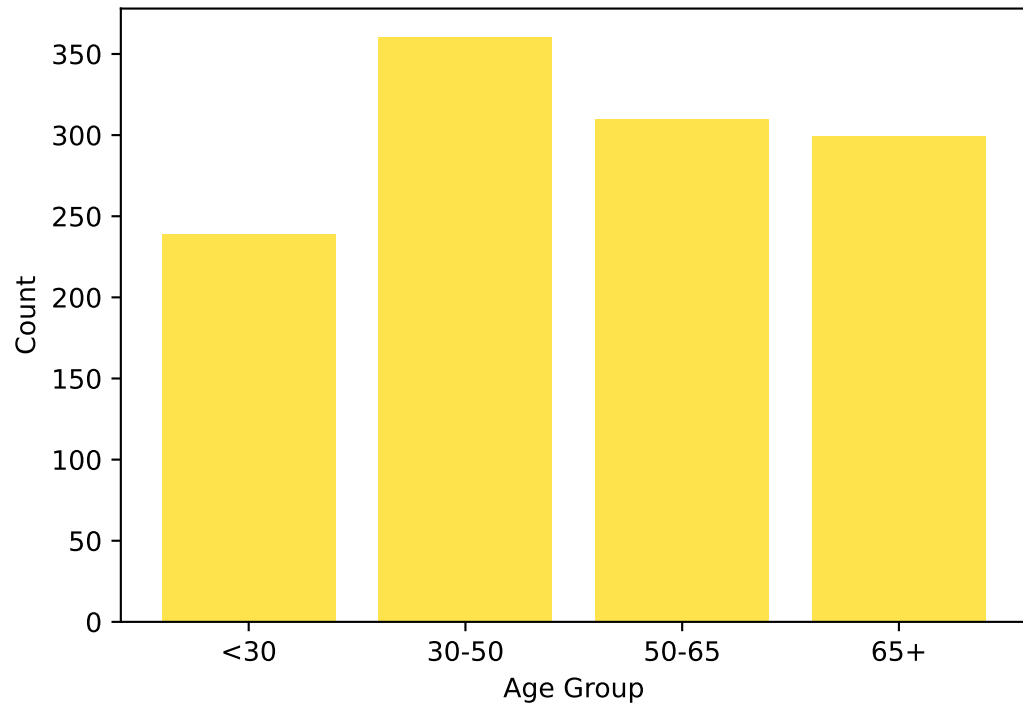
## Age Distribution



## Gender Distribution

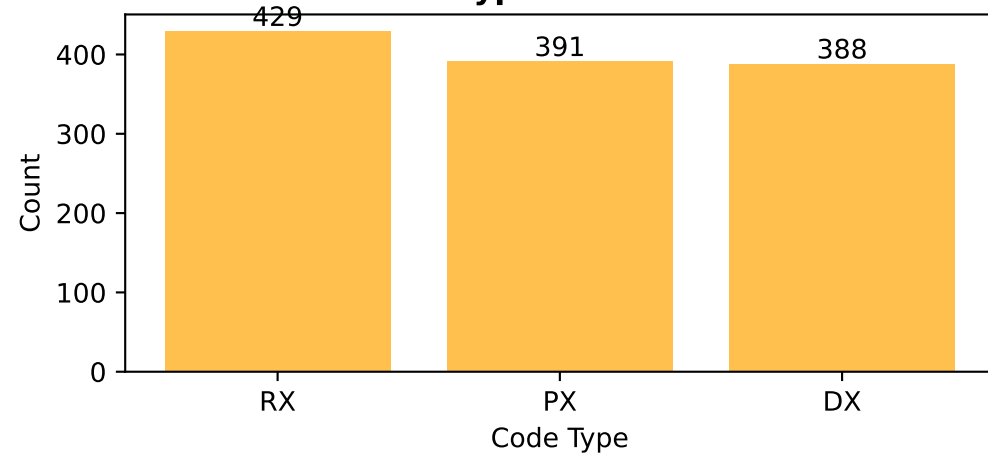


## Age Group Distribution

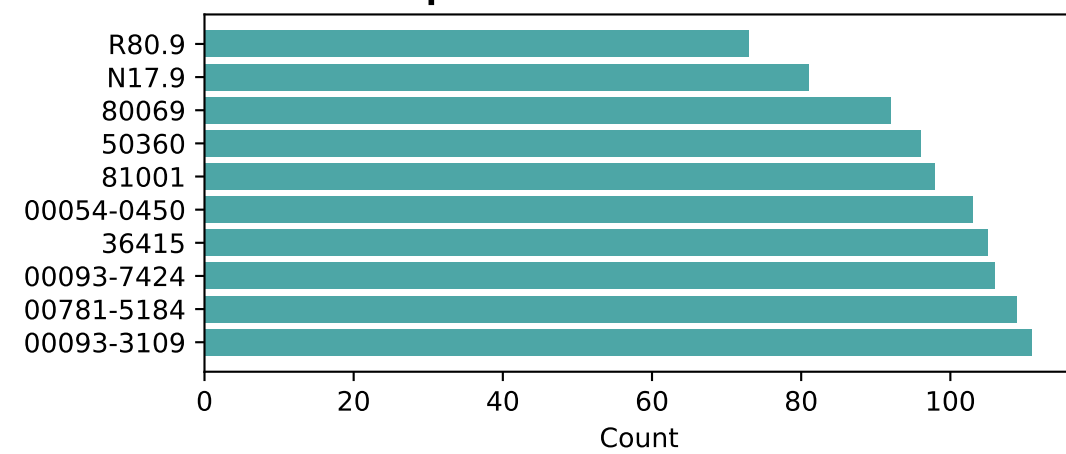


# Code Type and Temporal Analysis

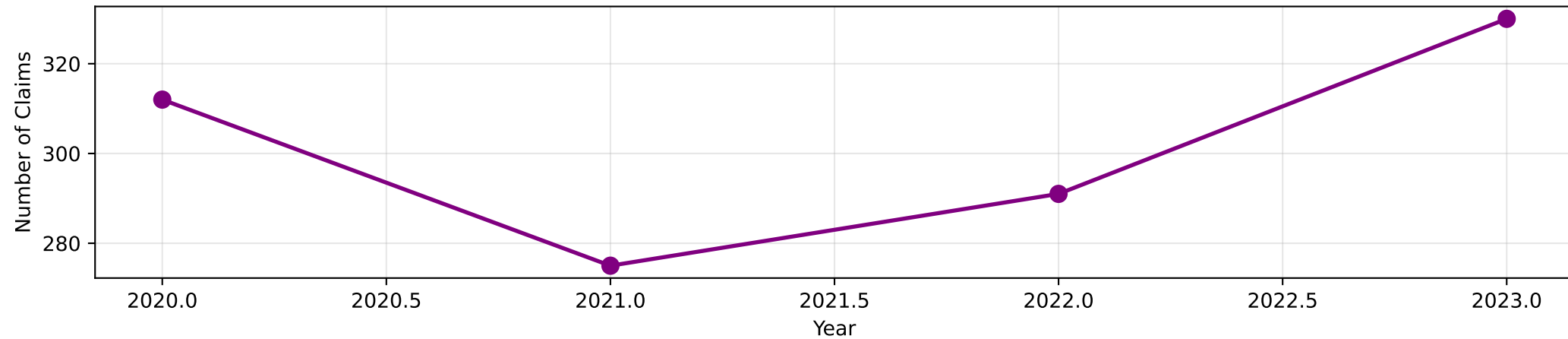
## Code Type Distribution



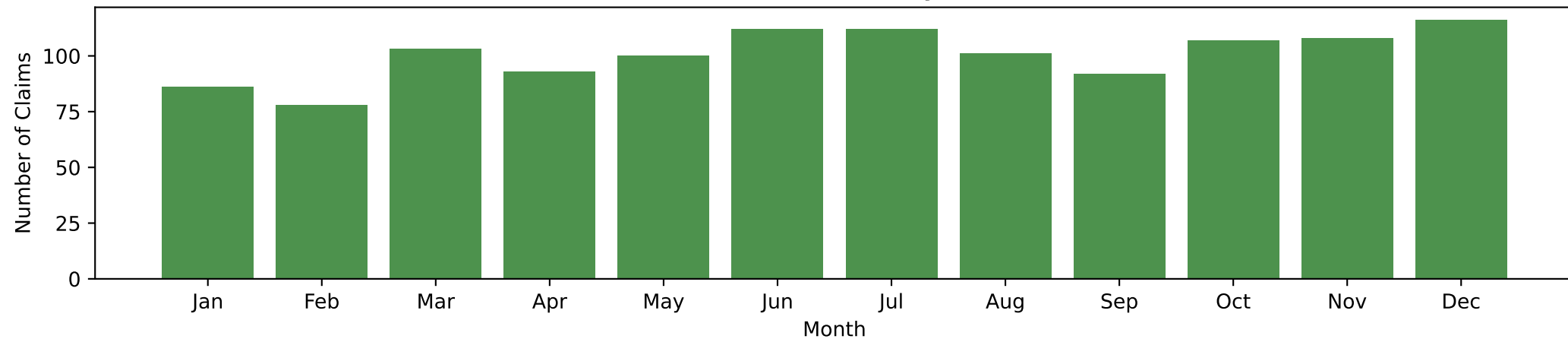
## Top 10 Most Common Codes



## Claims Trend by Year

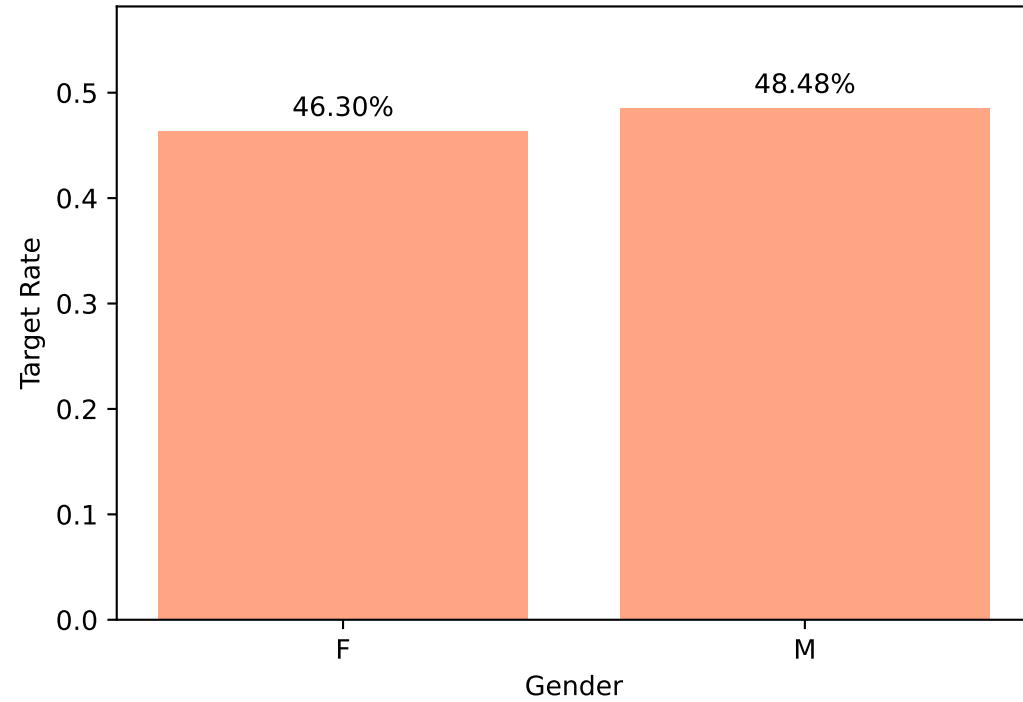


## Claims Distribution by Month

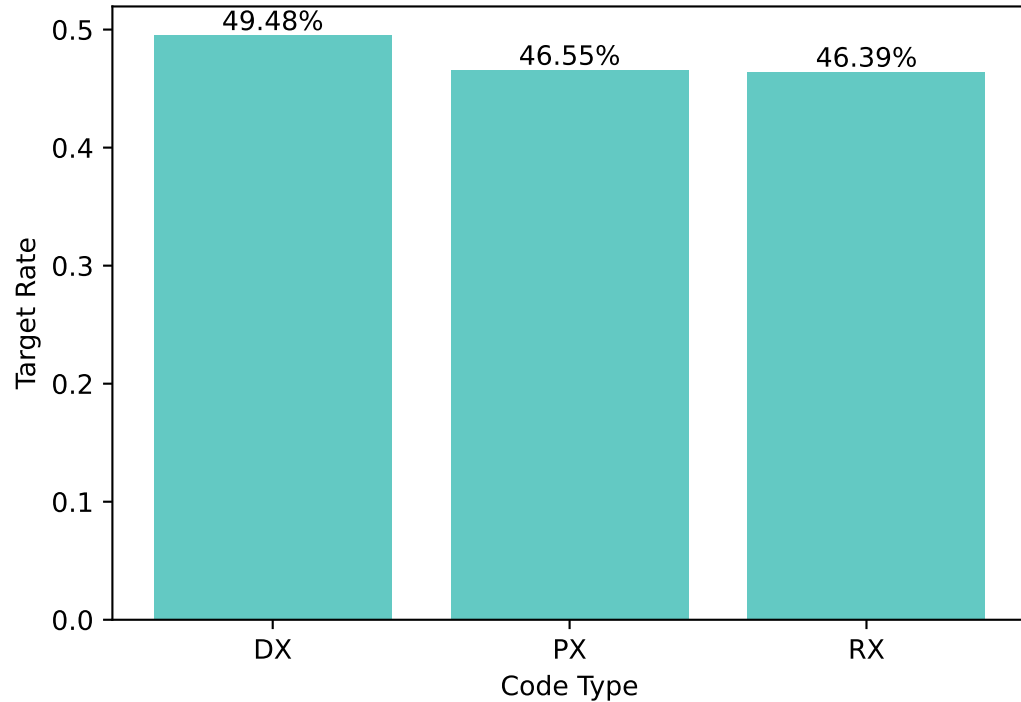


# Target Variable Relationships

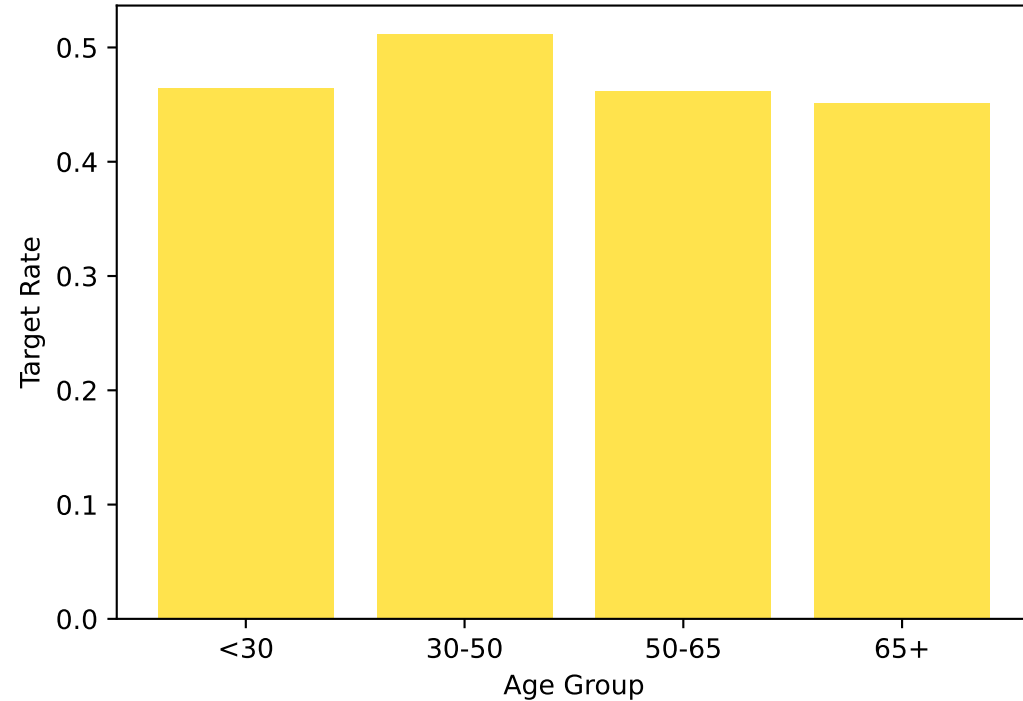
## Target Rate by Gender



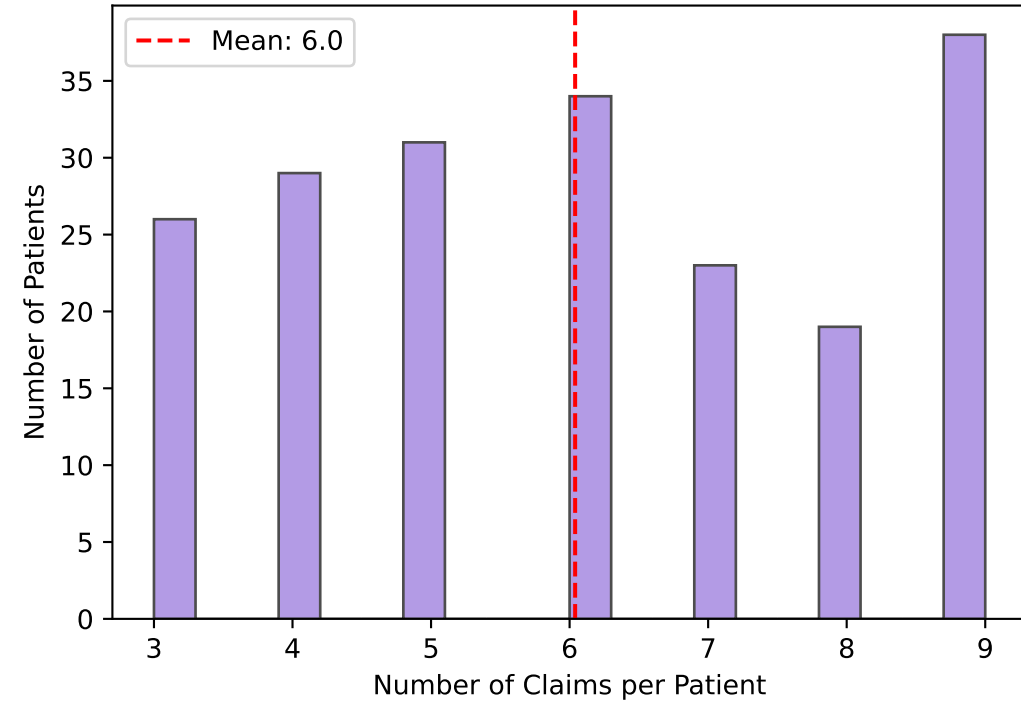
## Target Rate by Code Type



## Target Rate by Age Group



## Claims per Patient Distribution



# Detailed Statistical Summary

## STATISTICAL SUMMARY

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### BASIC STATISTICS

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Total Records: 1,208  
Unique Patients: 200  
Date Range: 2020-01-01 to 2023-12-31  
Analysis Period: 1460 days

### TARGET VARIABLE

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Positive Target Rate: 47.43%  
Total Positive Cases: 573  
Total Negative Cases: -1,781

### AGE STATISTICS

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Mean Age: 49.5 years  
Median Age: 51.0 years  
Min Age: 18 years  
Max Age: 79 years  
Standard Deviation: 18.8 years

### GENDER DISTRIBUTION

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M: 627 (51.9%)  
F: 581 (48.1%)

### CODE TYPE DISTRIBUTION

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RX: 429 (35.5%)  
PX: 391 (32.4%)  
DX: 388 (32.1%)

### PATIENT-LEVEL STATISTICS

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Average Claims per Patient: 6.0  
Median Claims per Patient: 6.0  
Max Claims per Patient: 9  
Patients with Positive Target: 95  
Patient Target Rate: 47.5%

### TOP 10 MOST COMMON CODES

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- 1. 00093-3109: 111 claims
- 2. 00781-5184: 109 claims
- 3. 00093-7424: 106 claims
- 4. 36415: 105 claims
- 5. 00054-0450: 103 claims
- 6. 81001: 98 claims
- 7. 50360: 96 claims
- 8. 80069: 92 claims
- 9. N17.9: 81 claims
- 10. R80.9: 73 claims

### DATA QUALITY OBSERVATIONS

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No missing values detected  
Patient age data appears consistent  
No duplicate rows detected