

EXECUTIVE OVERVIEW OF DIABETIC DATASET

99K

Total Encounters

0.13

Readmission Rate 3...

0.47

Readmission Rate

4.38

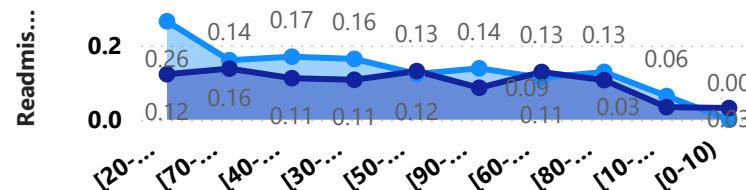
Avg Length of Stay

15.98

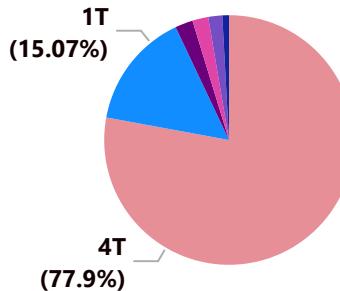
Avg Medications

30-Day Readmission Rate (Primary Diabetes) by Age and Gender

Gender ● Female ● Male

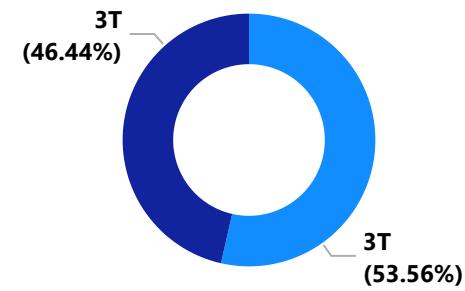


Race Distribution



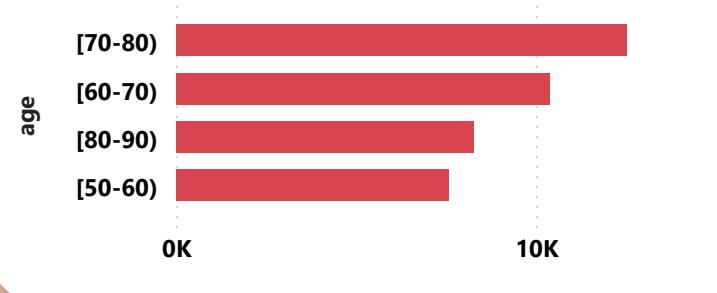
Race
● Caucasian
● AfricanAmerican...
● Hispanic
● Other
● Unknown

Gender Distribution



Gender
● Female
● Male

Readmission by Age Group



Age

- [0-10)
- [10-20)
- [20-30)
- [30-40)
- [40-50)

Gender

- Female
- Male

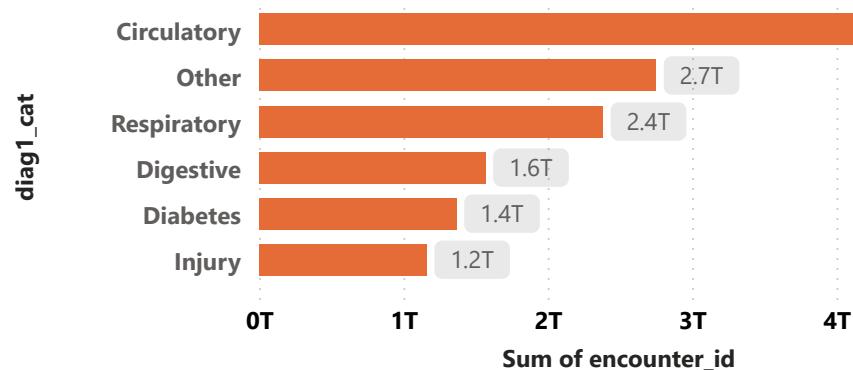
Diagnosis

- Circulatory
- Diabetes
- Digestive
- Genitourinary
- Injury

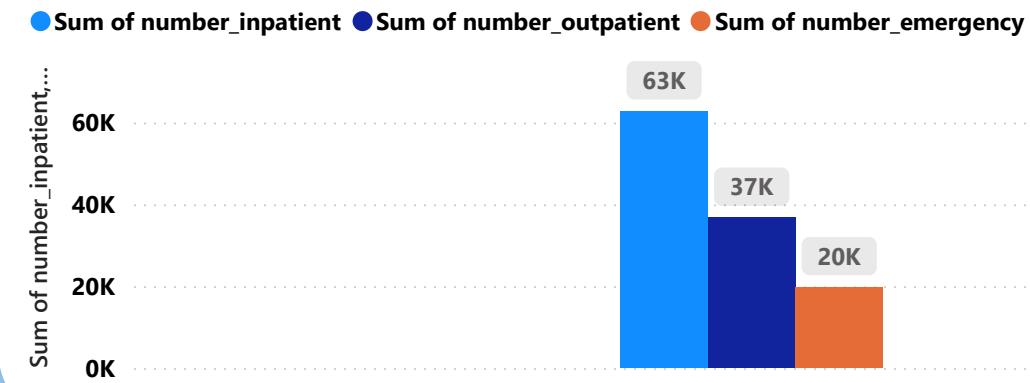


CLINICAL INSIGHTS & RISK FACTORS

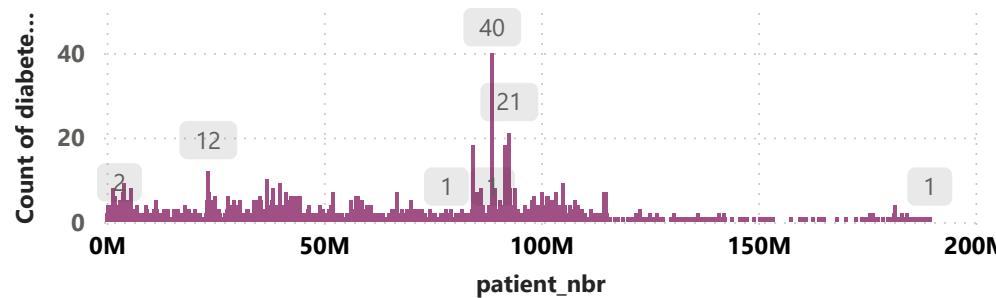
Top Primary Diagnoses



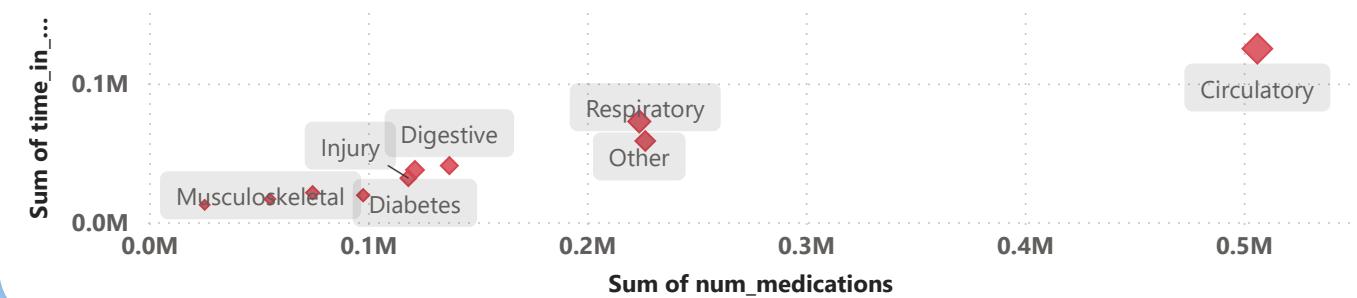
Outpatient vs Inpatient vs Emergency



Diabetes Medications



Severity vs Utilization



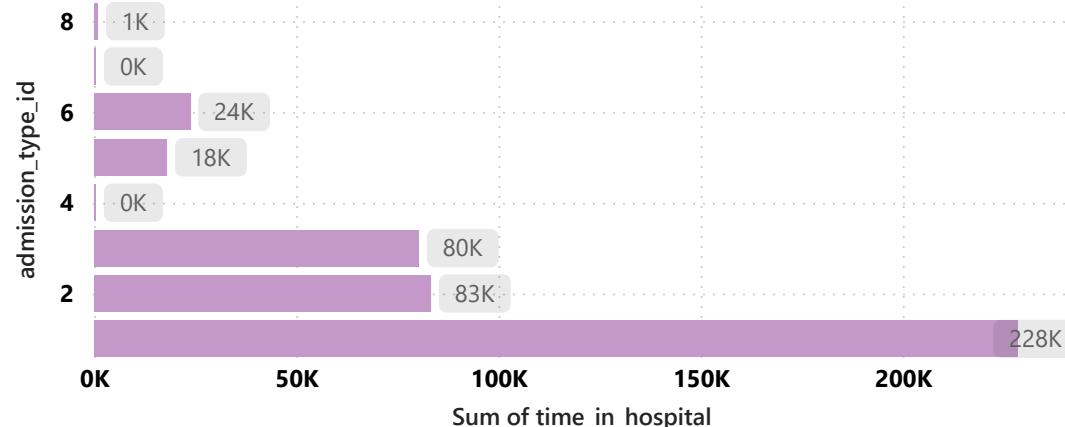
Risk Distribution of 30-Day Readmissions (Diagnosis × Age)

diag1_cat	[0-10)	[10-20)	[20-30)	[30-40)	[40-50)	[50-60)	[60-70)	[70-80)	[80-90)	[90-100)	Total
Diabetes	0.01	0.05	0.20	0.13	0.14	0.13	0.12	0.15	0.12	0.12	0.13
Total	0.01	0.05	0.20	0.13	0.14	0.13	0.12	0.15	0.12	0.12	0.13

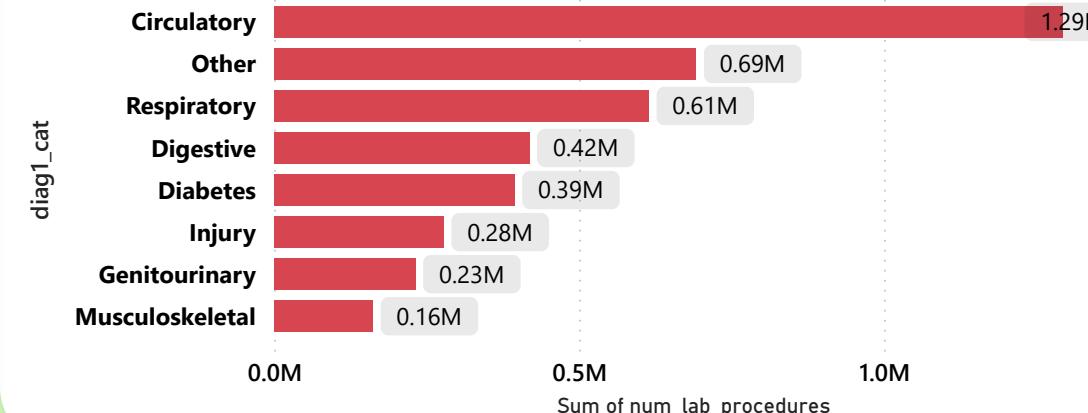


UTILIZATION & OPERATIONAL EFFICIENCY

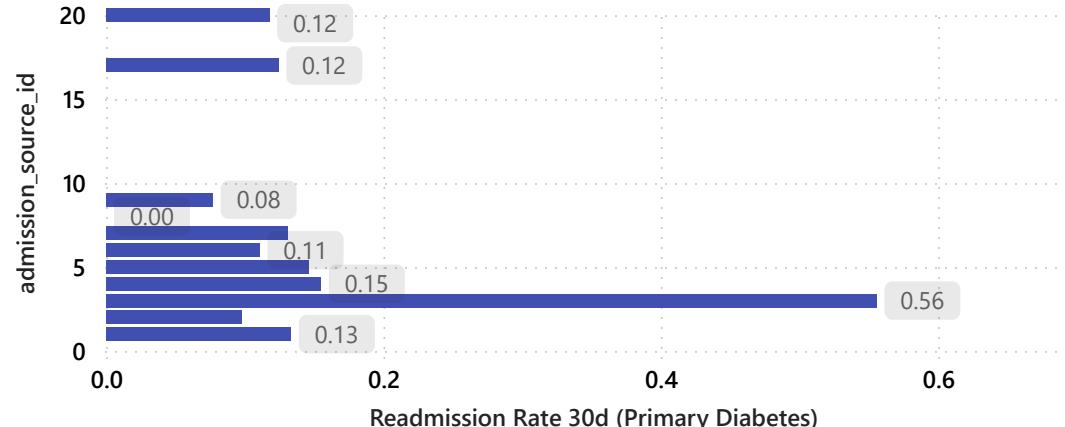
Length of Stay by Admission Type



Lab Utilization by Diagnosis



Readmissions by Admission Source



Readmissions by discharge Dispositions

