

Healthcare Analytics

A comprehensive multi-dimensional healthcare dashboard providing insights across five key areas: **Executive Overview** for high-level performance metrics, **Patient Demographics** for population insights, **Clinical Analysis** for medical outcomes and departmental performance, **Financial Analysis** for revenue and billing insights, and **Patient Experience** for satisfaction tracking. This features interactive visualizations, time-based filtering, and cross-departmental comparisons to support data-driven healthcare management and strategic decision-making across all operational aspects.



Executive Overview

All Year All Month **Executive Overview****Patient Demographics****Clinical Analysis****Financial Analysis****Patient Experience**

Mehedi Hasan

Total Patients

4,973

Total Visits

5,000

Admission Rate

24.6%

Emergency Visits

38.6%

Total Revenue

1.13M

Insurance

66.3%

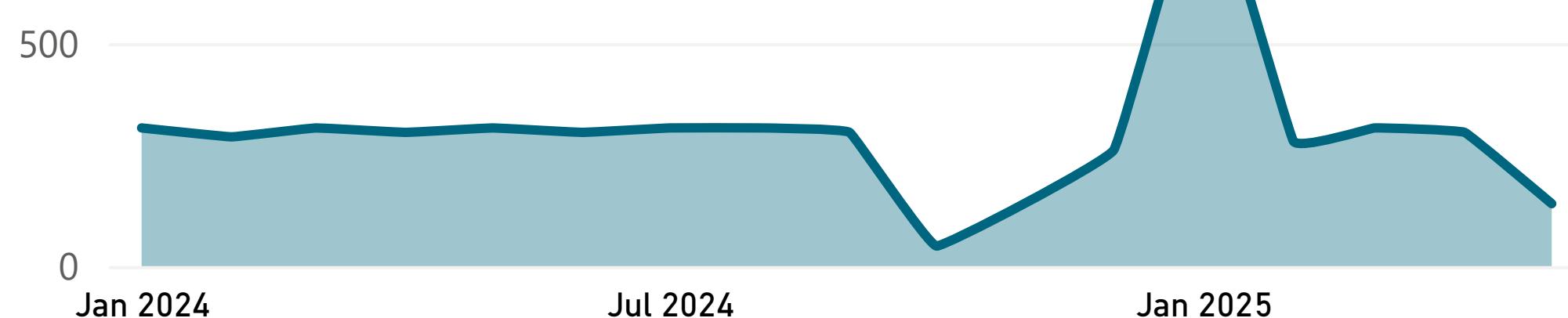
Avg LOS (days)

4.87

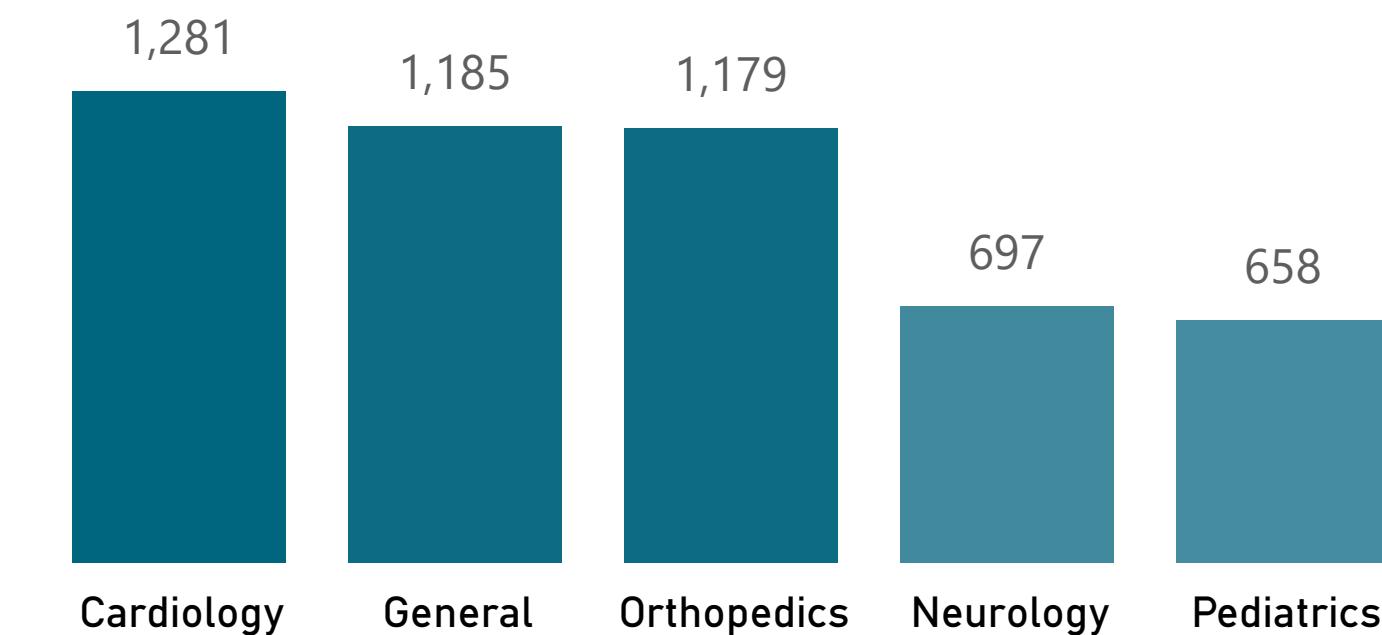
Avg S-Score

3.84

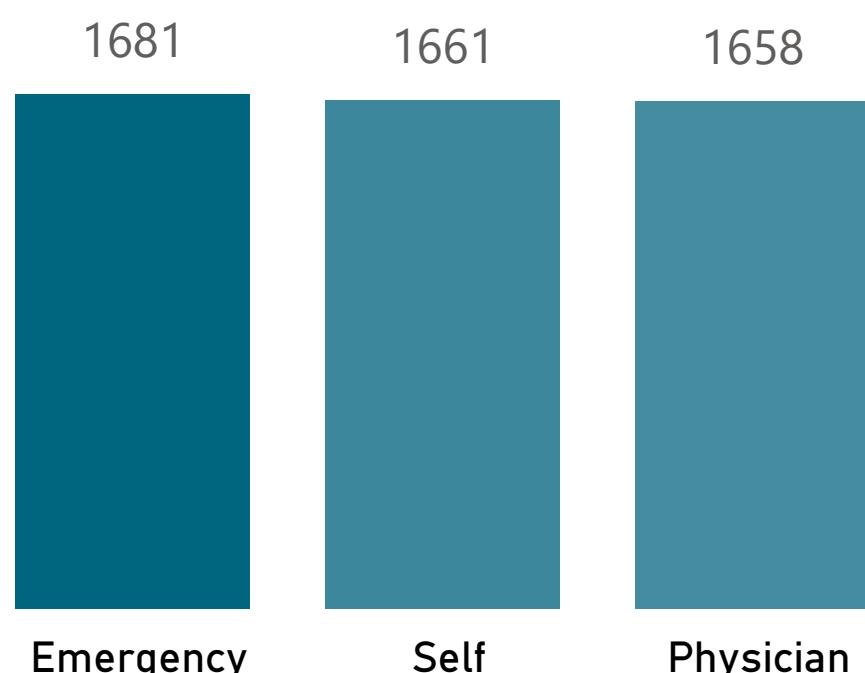
Visit Trend over Time



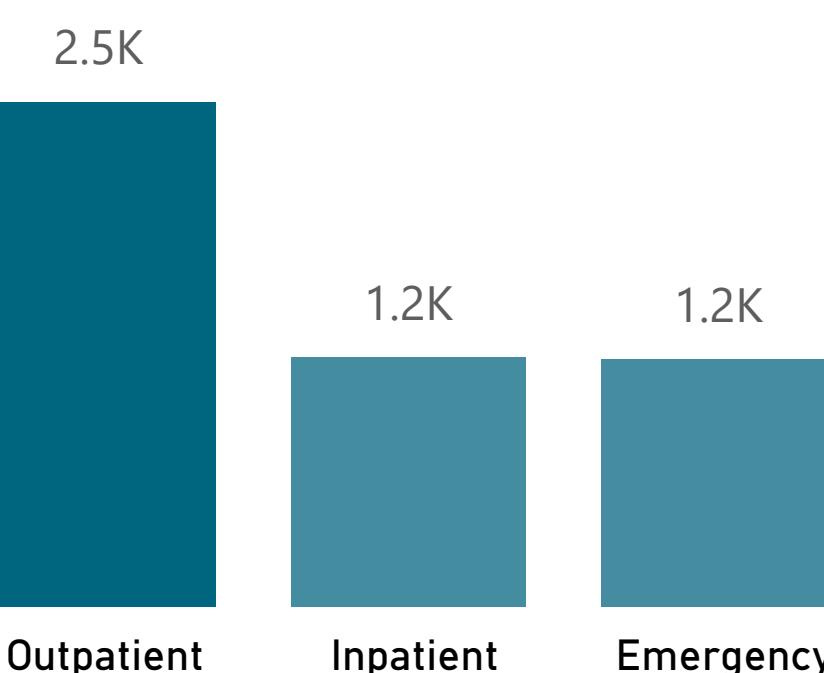
Total Visits by Department



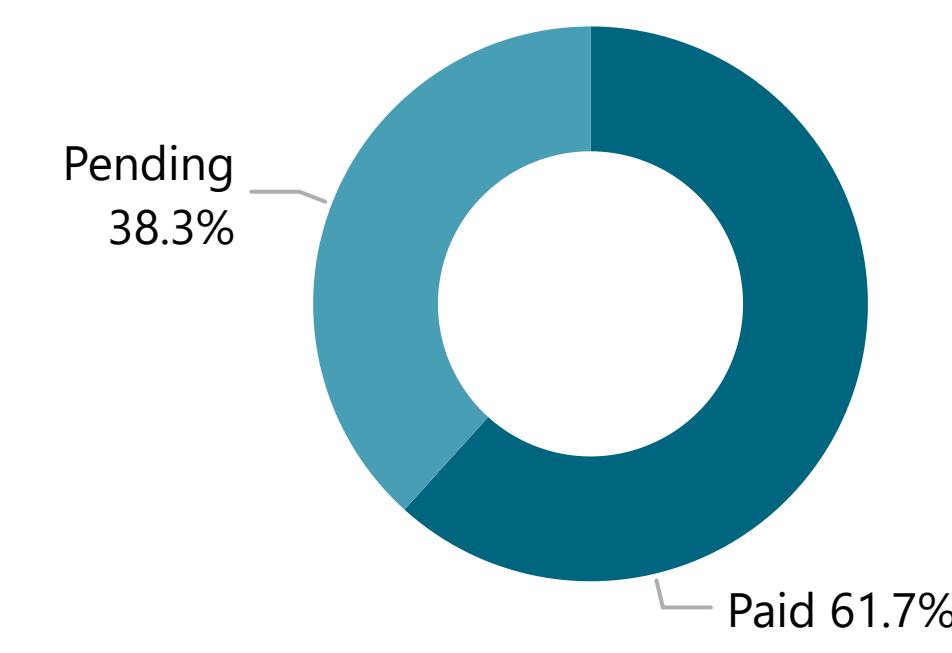
Total Visits by Referral Source



Total Visits by Service Type



Payment Method Usage%





Patient Demographics

All Year All Month **Healthcare
Analytics**

Total Patients

4,973

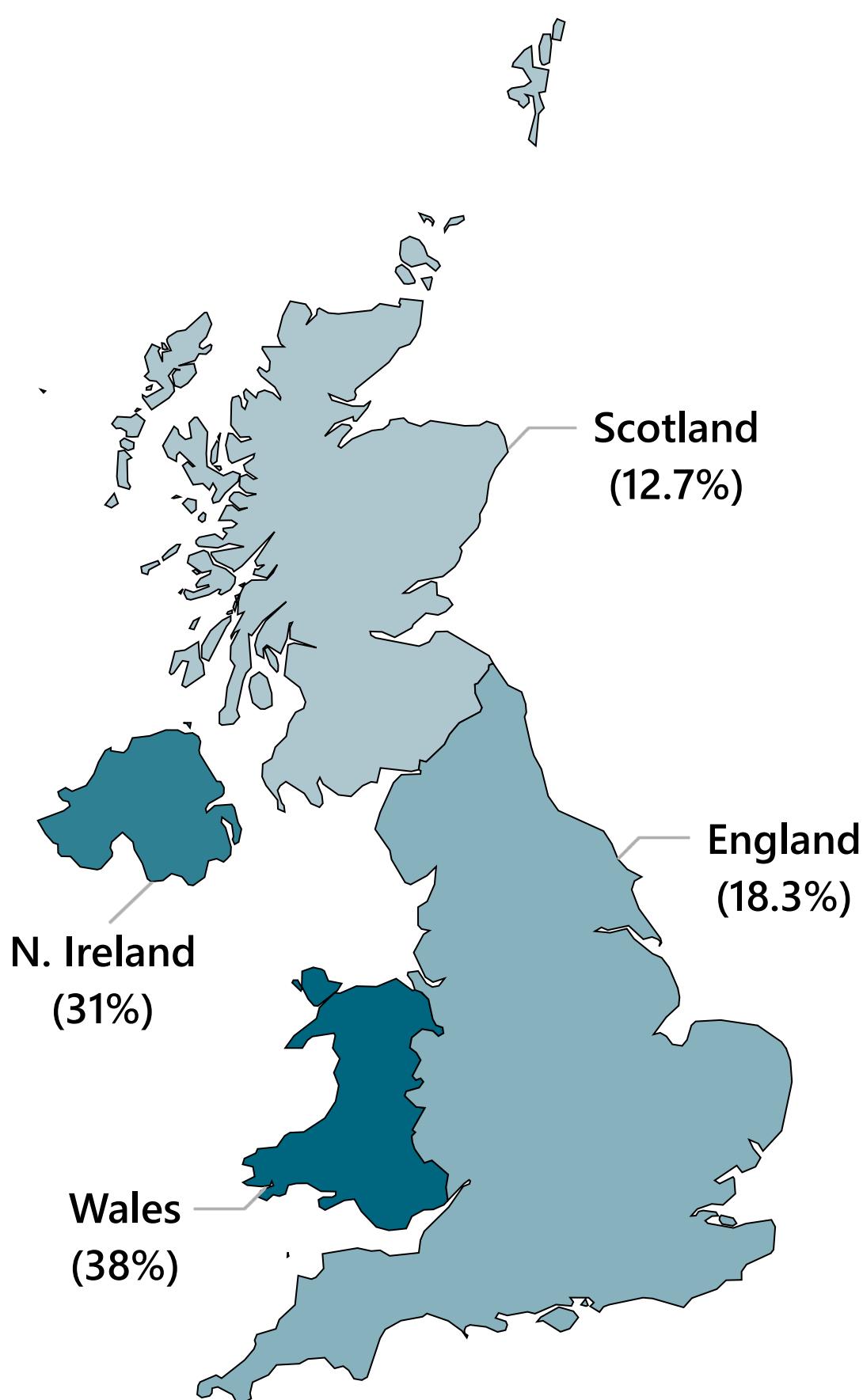
Dept: All

Service: All

Geographic Spread

State

City

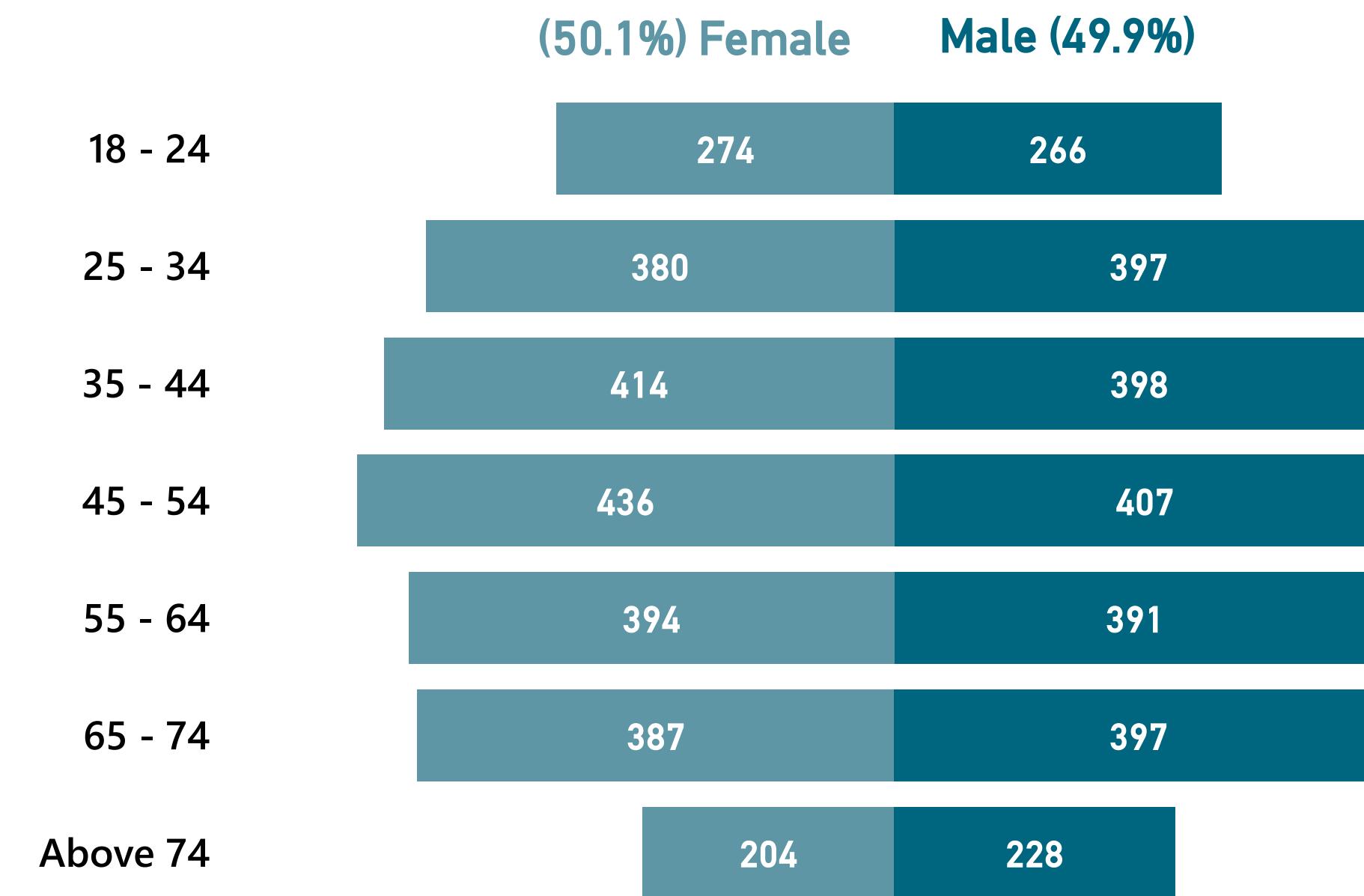
**Executive Overview****Patient Demographics****Clinical Analysis****Financial Analysis****Patient Experience**

Mehedi Hasan

Ethnic Comparison



Total Patients by Gender x Age Group





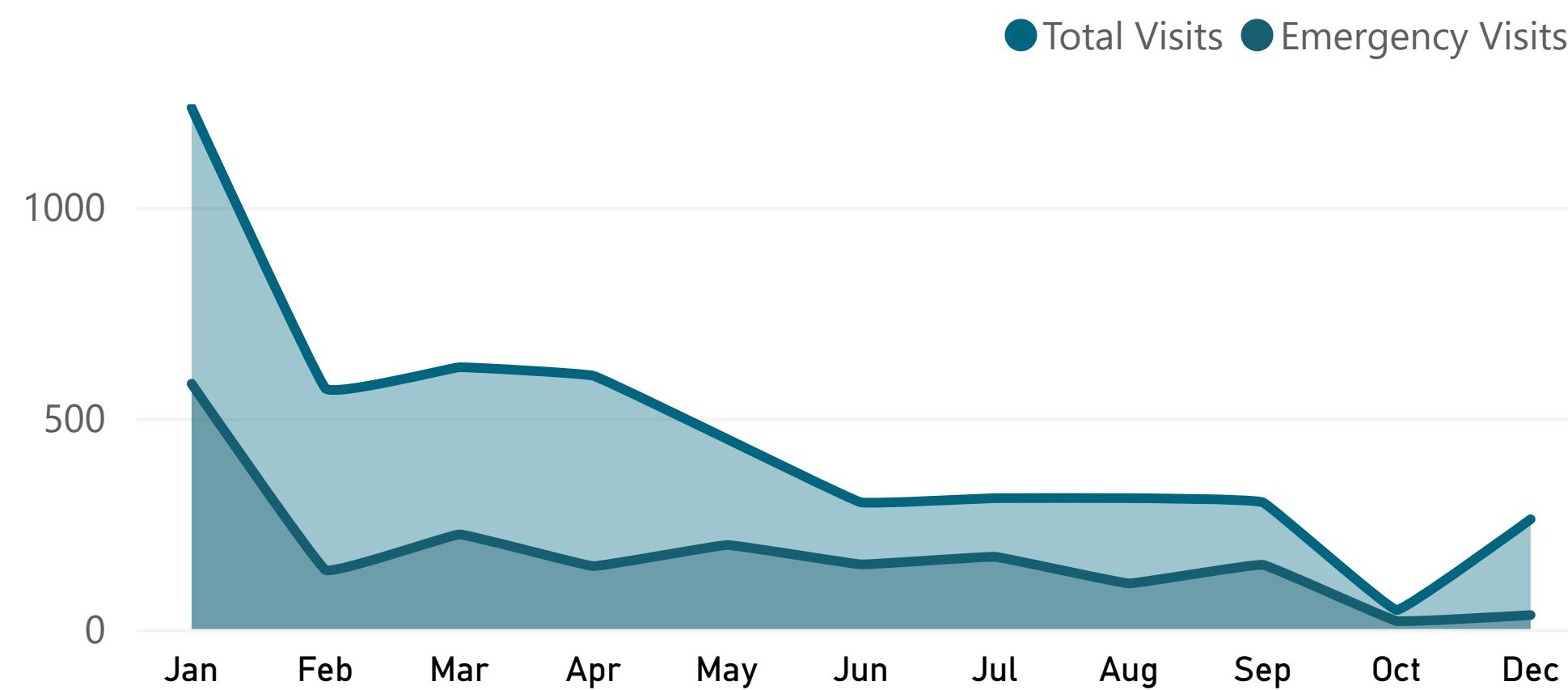
Clinical Analysis

All Year All Month **Executive Overview****Patient Demographics****Clinical Analysis****Financial Analysis****Patient Experience**

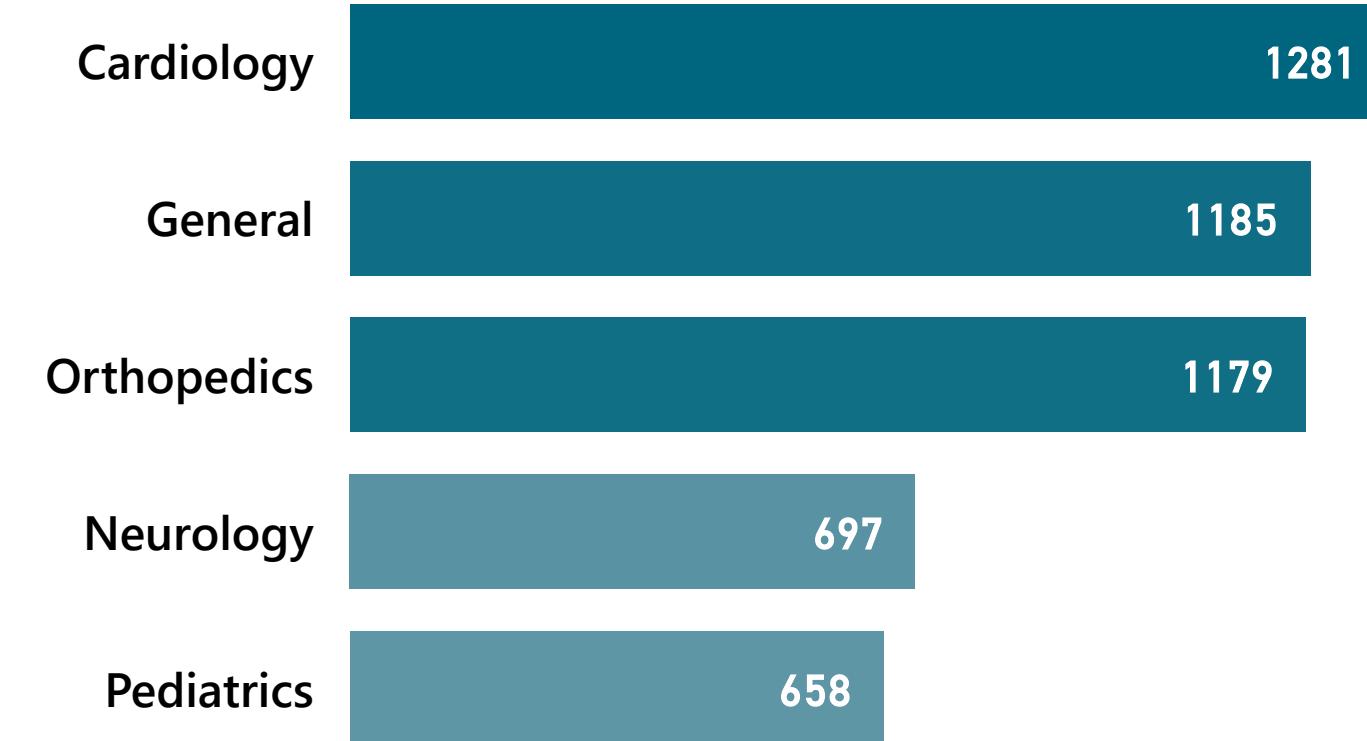
Mehedi Hasan

Total Visits
5,000**Emergency Visits**
38.6%**Readmission**
43.6%**Avg LOS (days)**
4.87

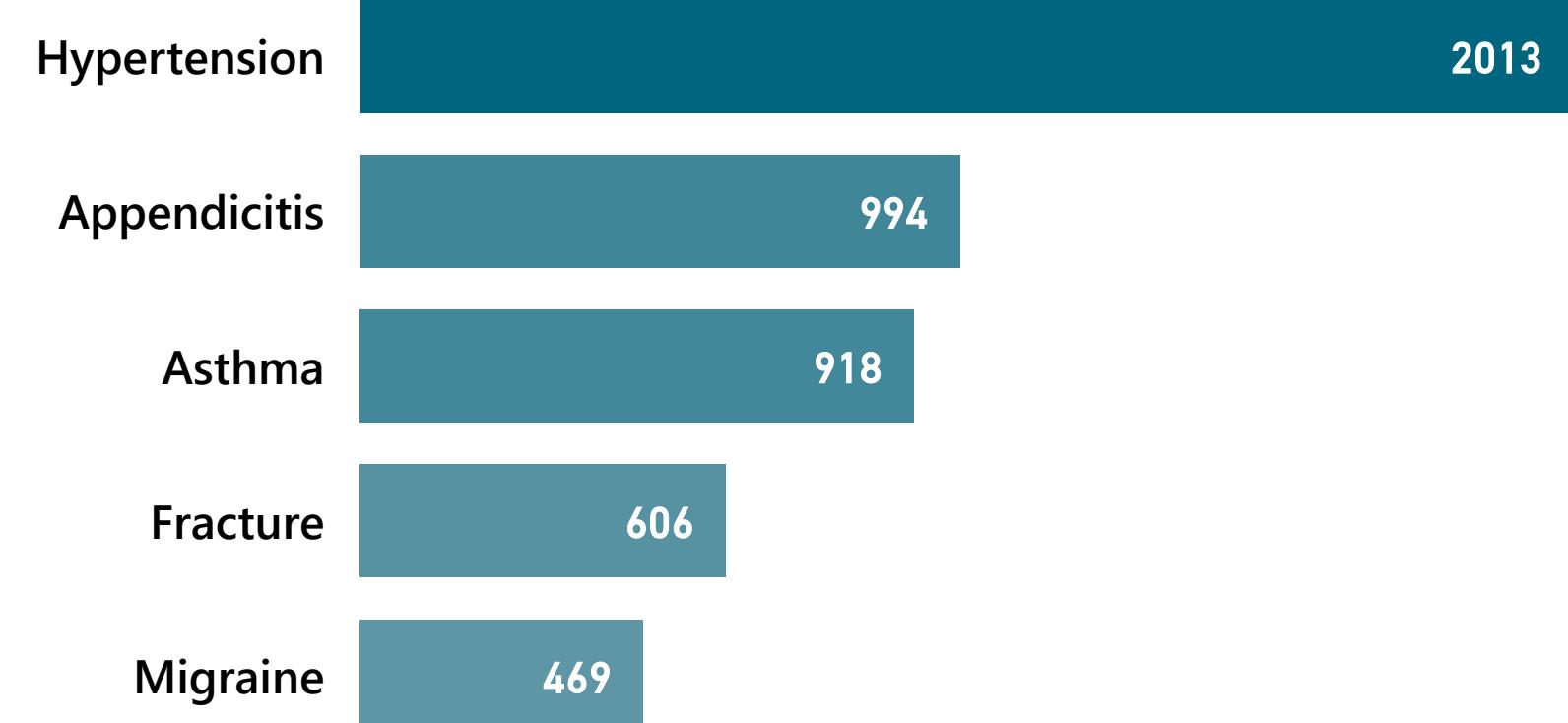
Annual Visits Trend



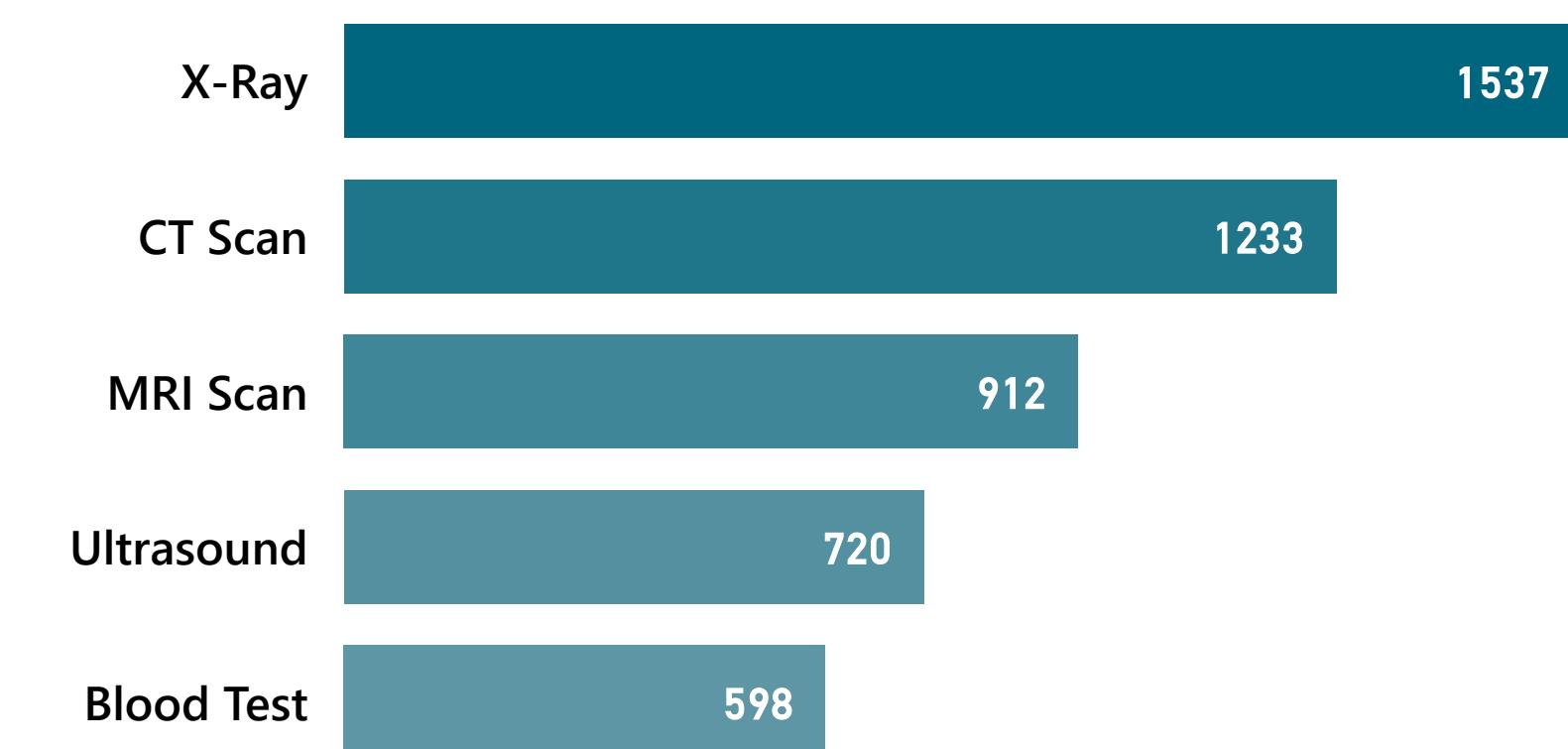
Department wise Visits



Diagnosis wise Visits



Procedure wise Visits





Financial Analysis

All Year All Month **Executive Overview****Patient Demographics****Clinical Analysis****Financial Analysis****Patient Experience**

Mehedi Hasan

Billing Amount

\$3.4M

Per Visit (Avg):

\$671

Insurance...

\$2.2M

Per Visit (Avg):

\$456

Out-of-Pocket

\$1.1M

Per Visit (Avg):

\$226

Insured Patients

97.6%

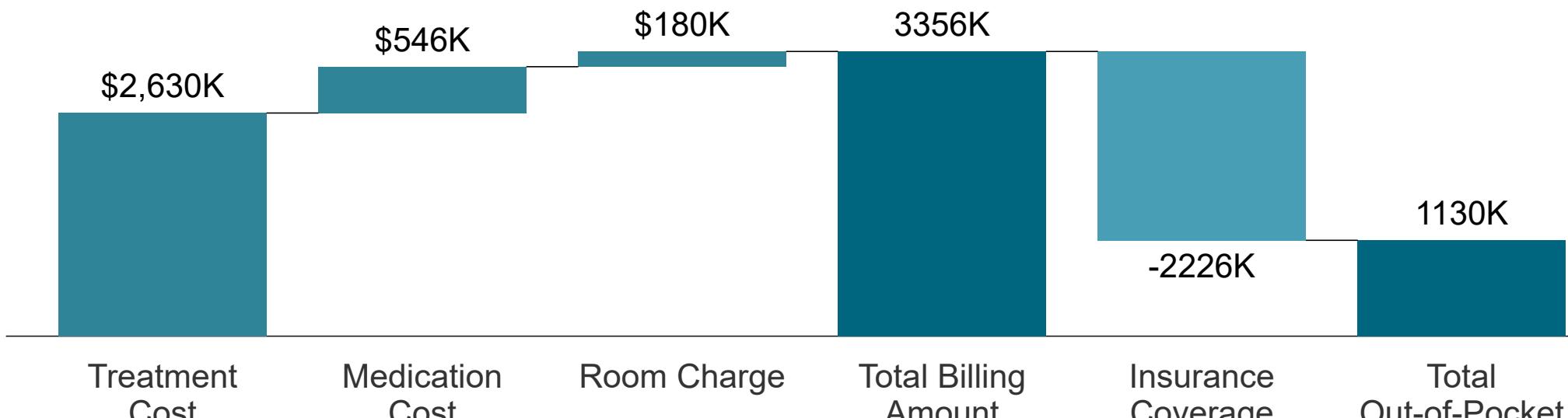
Collection Rate

38.3%

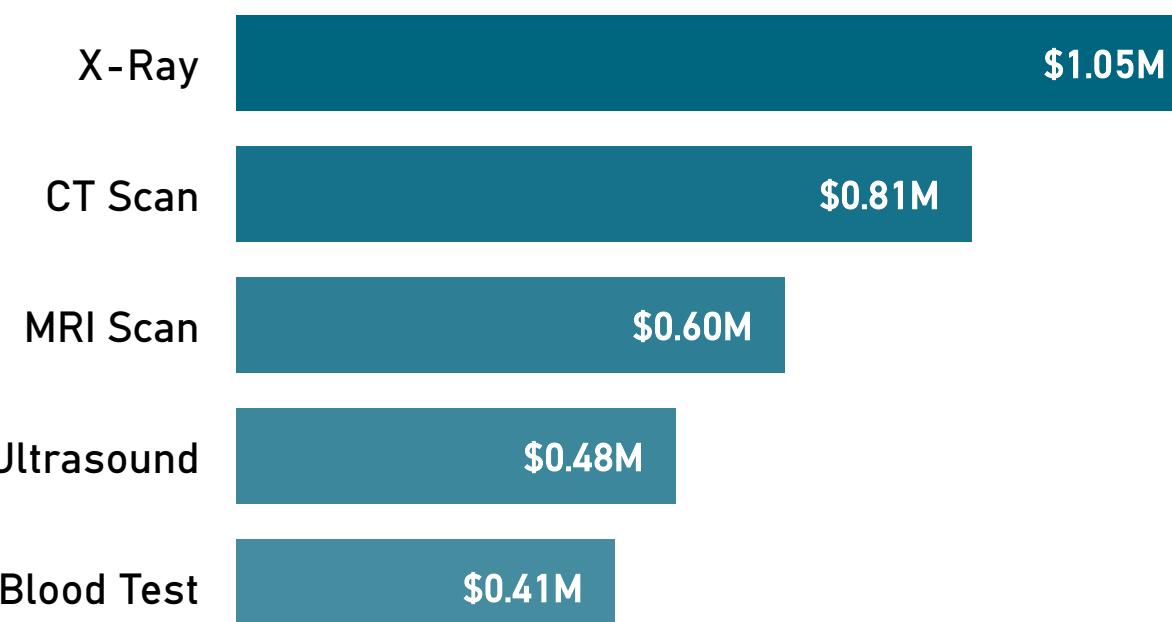
Room Utilization

49.9%

Revenue Breakdown



Total Billing Amount by Procedure



Total Billing by Dept

Cardiology	General
\$847K	\$783K
Orthopedics	Neurology
\$813K	Pediatrics

Provider Performance Metrics

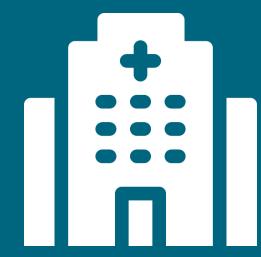
Provider Name	Total Visits	Avg S-Score	Total Billing
Dr. Emma Jones	467	4.85	\$325K
Dr. Johnson Grek	445	5.05	\$306K
Dr. Olu Abisola	1358	5.45	\$942K
Dr. Ravi Patel	855	3.36	\$571K
Dr. Sade Kikiola	1875	2.35	\$1,212K

Insurance Provider Metrics

Provider	Insurance	Patients	Total Visits
AXA	\$743K	1,637	1,692
Aviva	\$751K	1,633	1,669
Allianz	\$731K	1,604	1,639



Patient Experience

All Year All Month 

Healthcare Analytics

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Mehedi Hasan

Female

Male

18 - 24

25 - 34

35 - 44

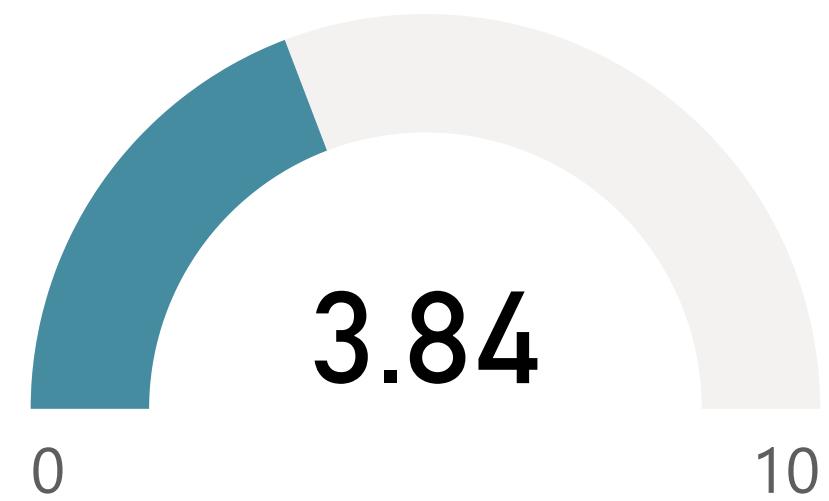
45 - 54

55 - 64

65 - 74

Above 74

Avg Satisfaction Rate

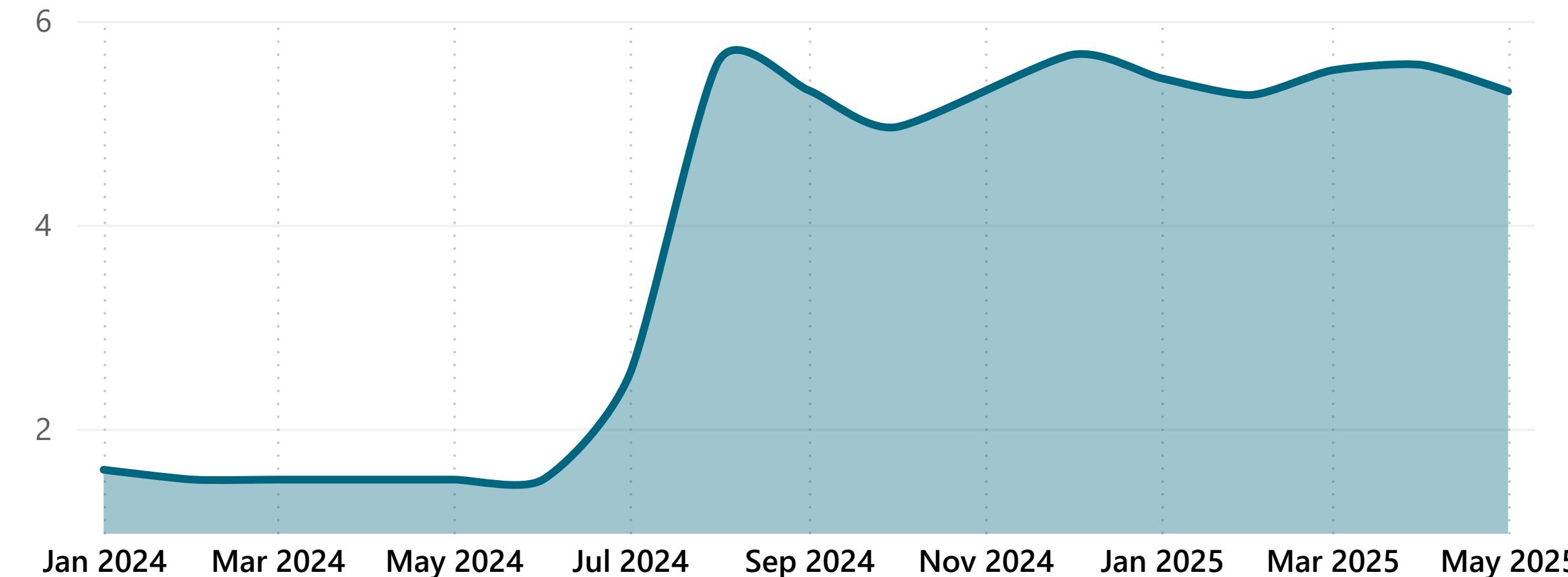


Follow-up Visits

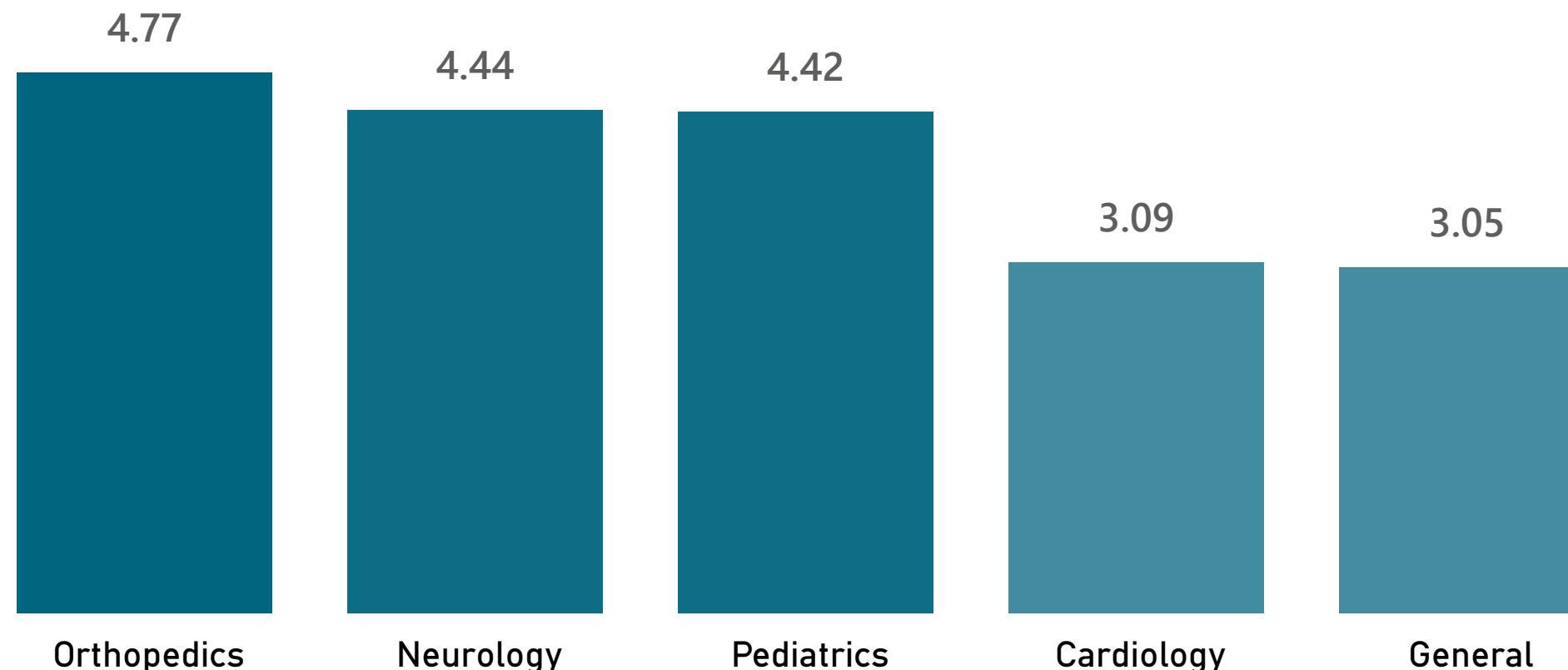
2507



Satisfaction Trend over Time



Department wise Avg Satisfaction Score



Avg Satisfaction Score by Referral

