



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.



Healthcare Analytics

Executive Overview

Patient Demographics

Clinical Analysis

Financial Analysis

Patient Experience



Mehedi Hasan



Executive Overview



All Year

All Month

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

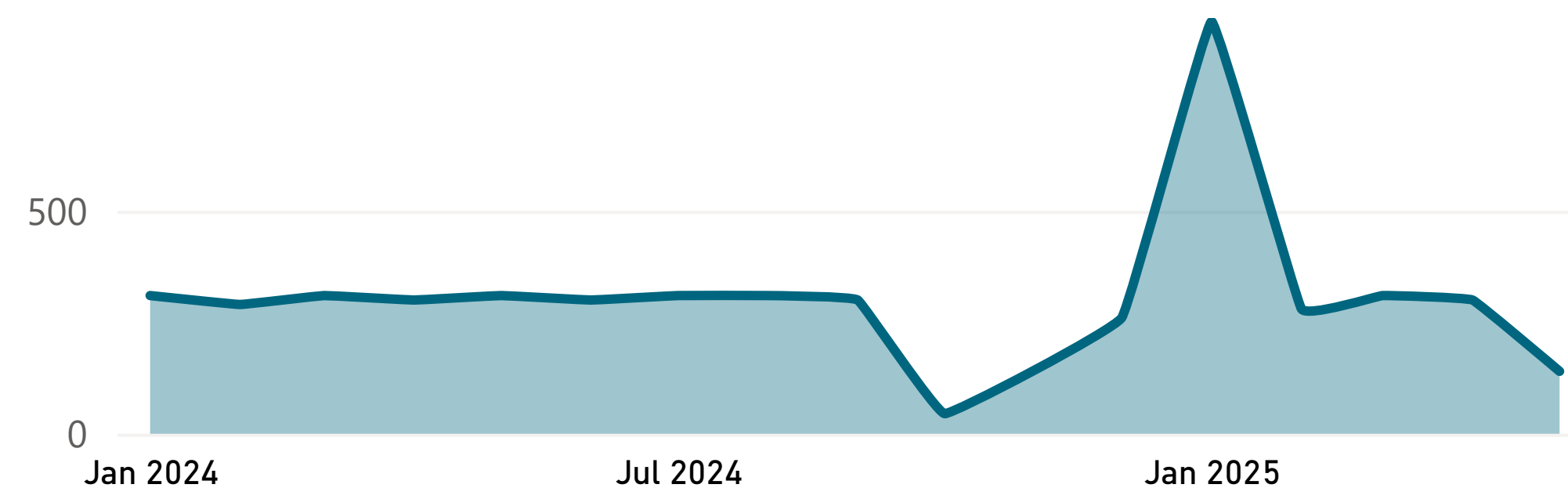


Avg S-Score

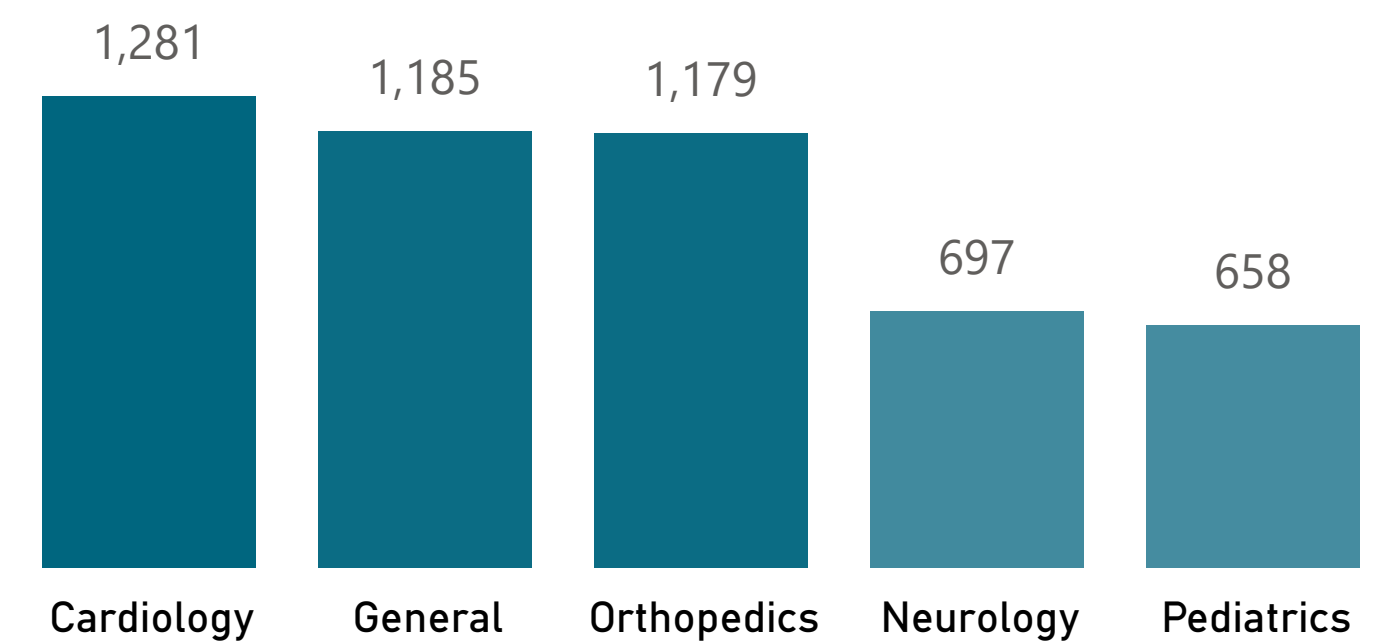
3.84



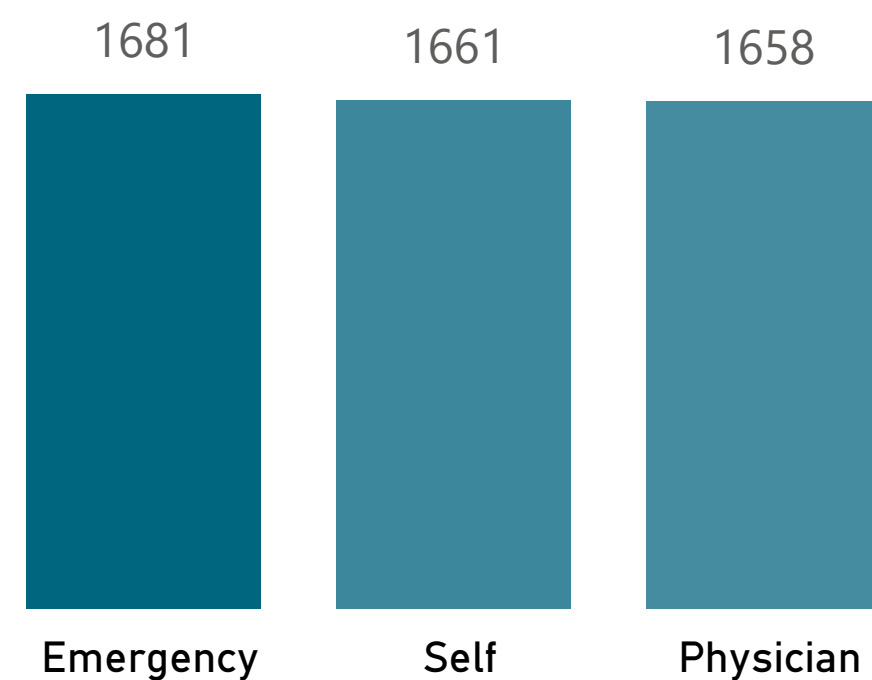
Visit Trend over Time



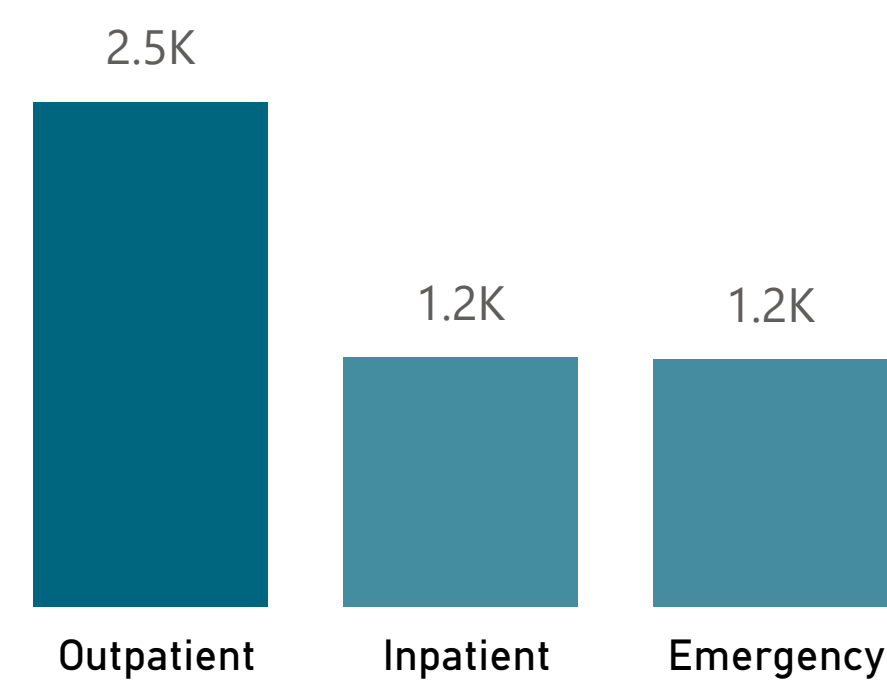
Total Visits by Department



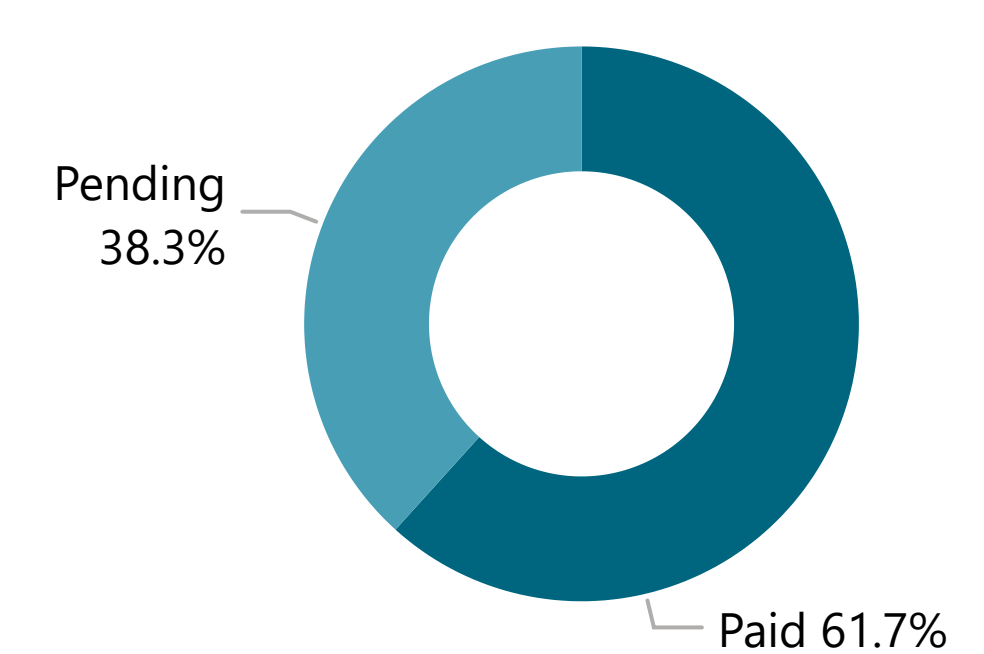
Total Visits by Referral Source



Total Visits by Service Type



Payment Method Usage%





Healthcare Analytics



Executive Overview



Patient Demographics



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Patient Experience



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Patient Demographics



All Year



All Month



Total Patients

4,973



Dept:

All



Service:

All



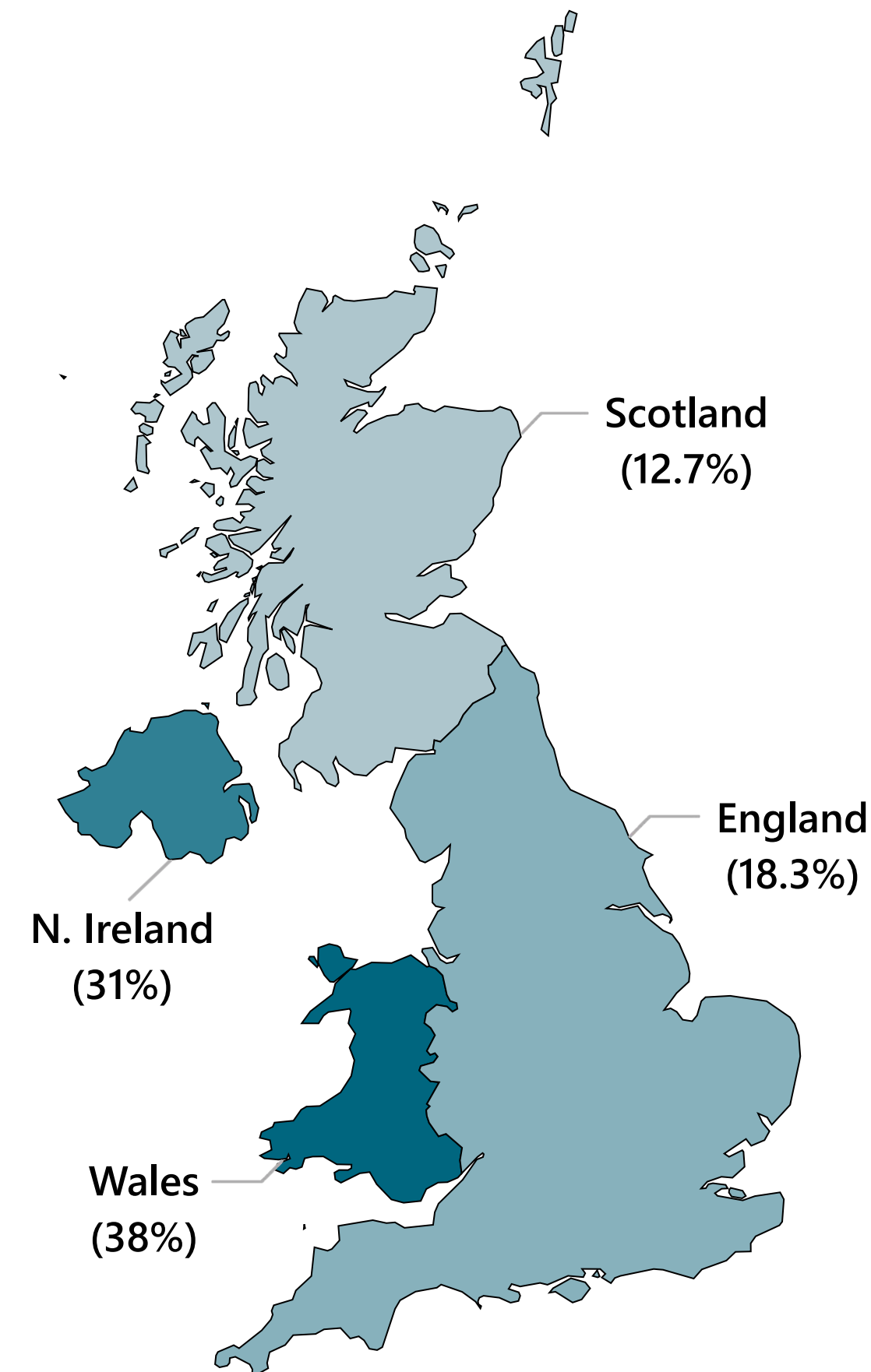
Ethnic Comparison



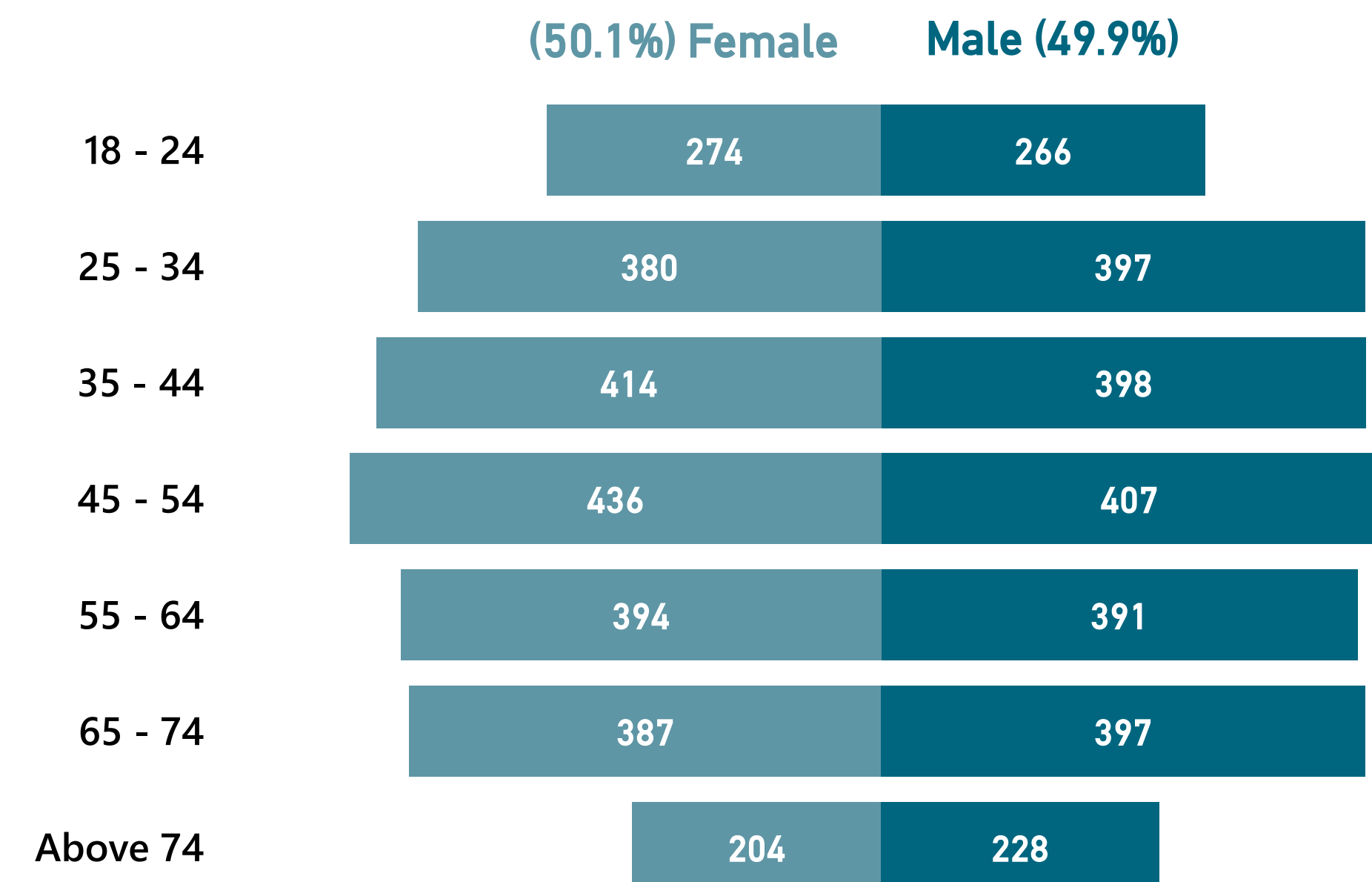
Geographic Spread

State

City



Total Patients by Gender x Age Group





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Clinical Analysis



All Year



All Month



Total Visits

5,000



Emergency Visits

38.6%



Readmission

43.6%

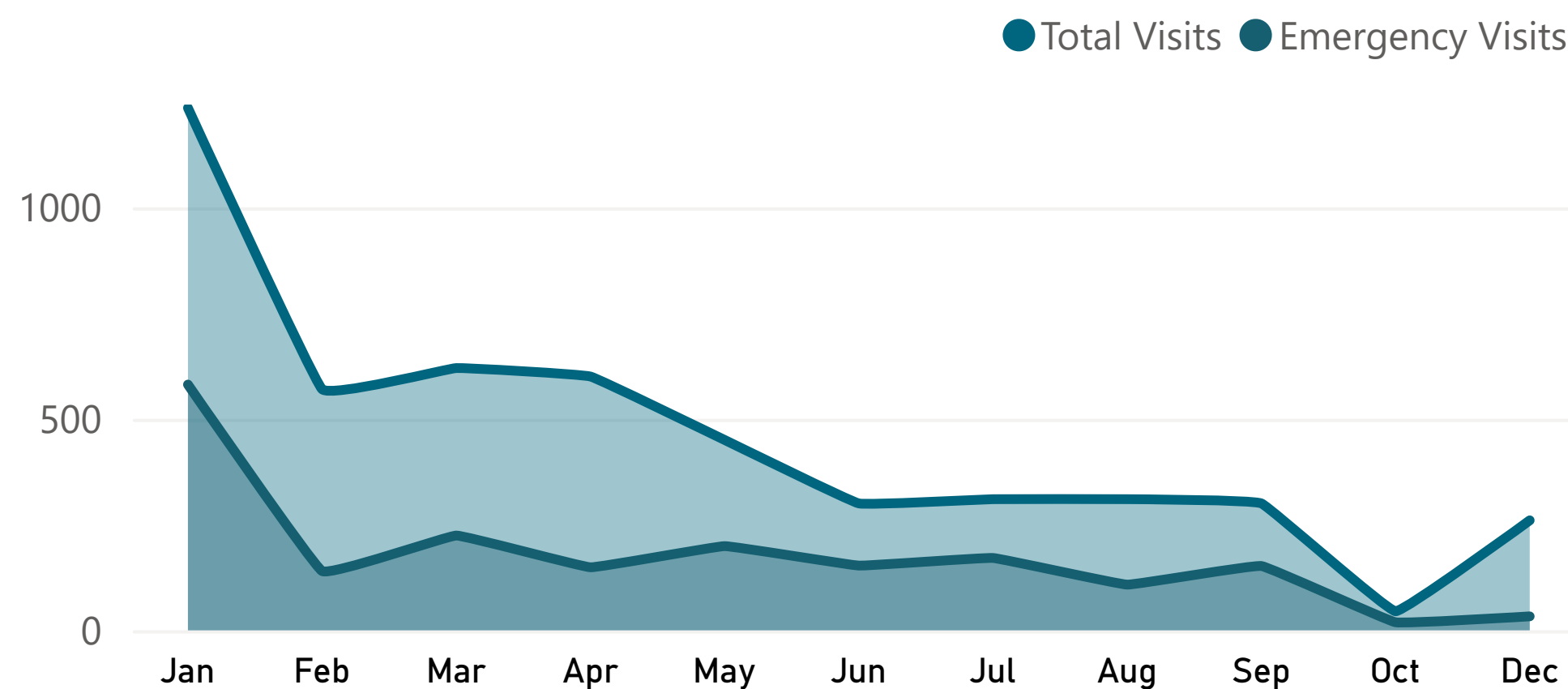


Avg LOS (days)

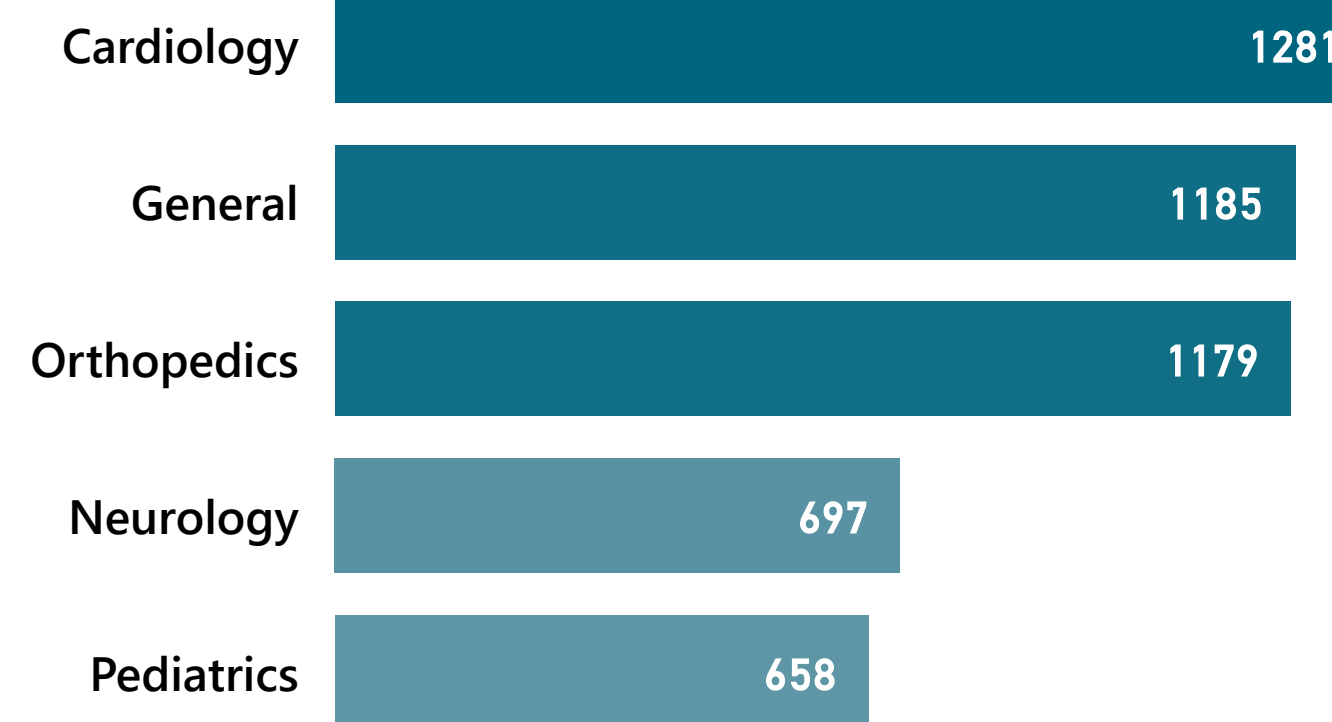
4.87



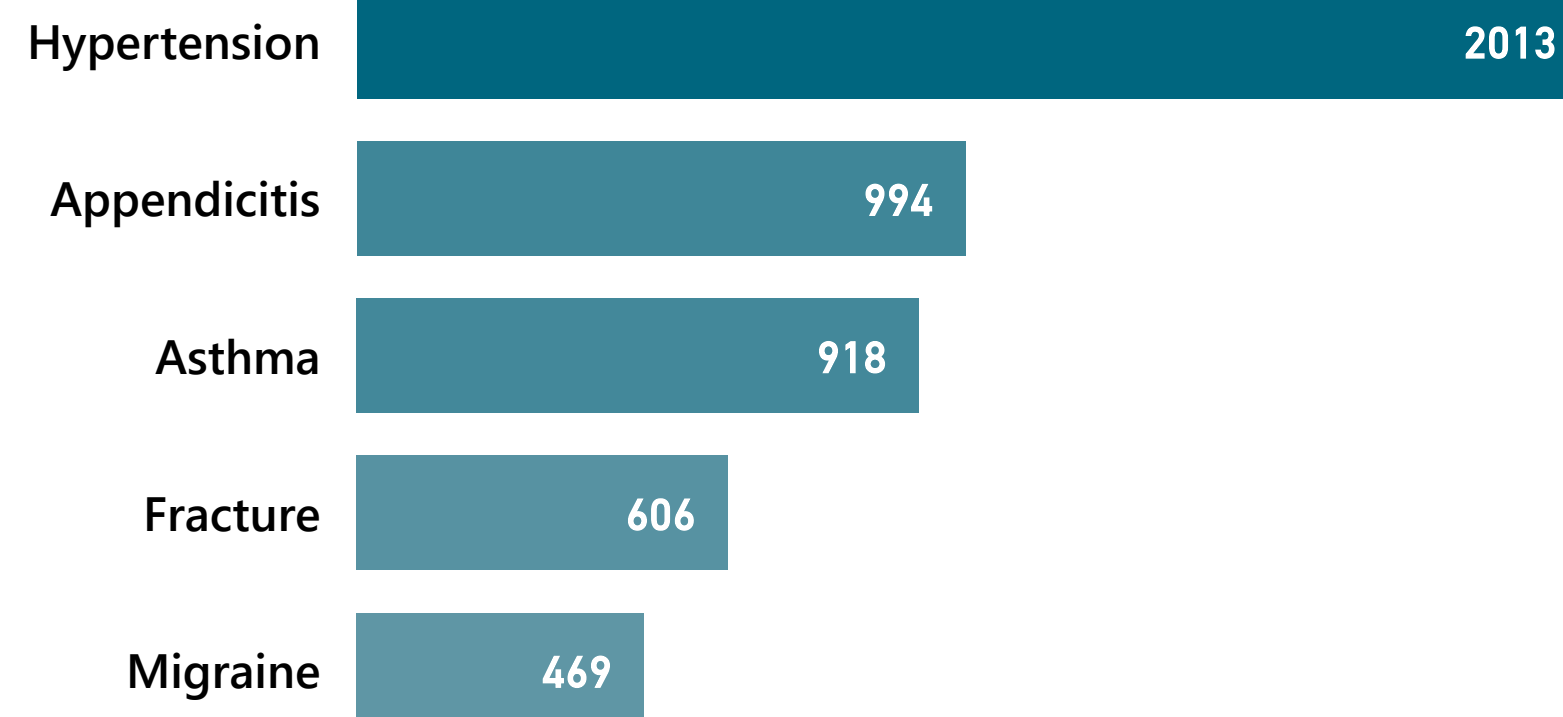
Annual Visits Trend



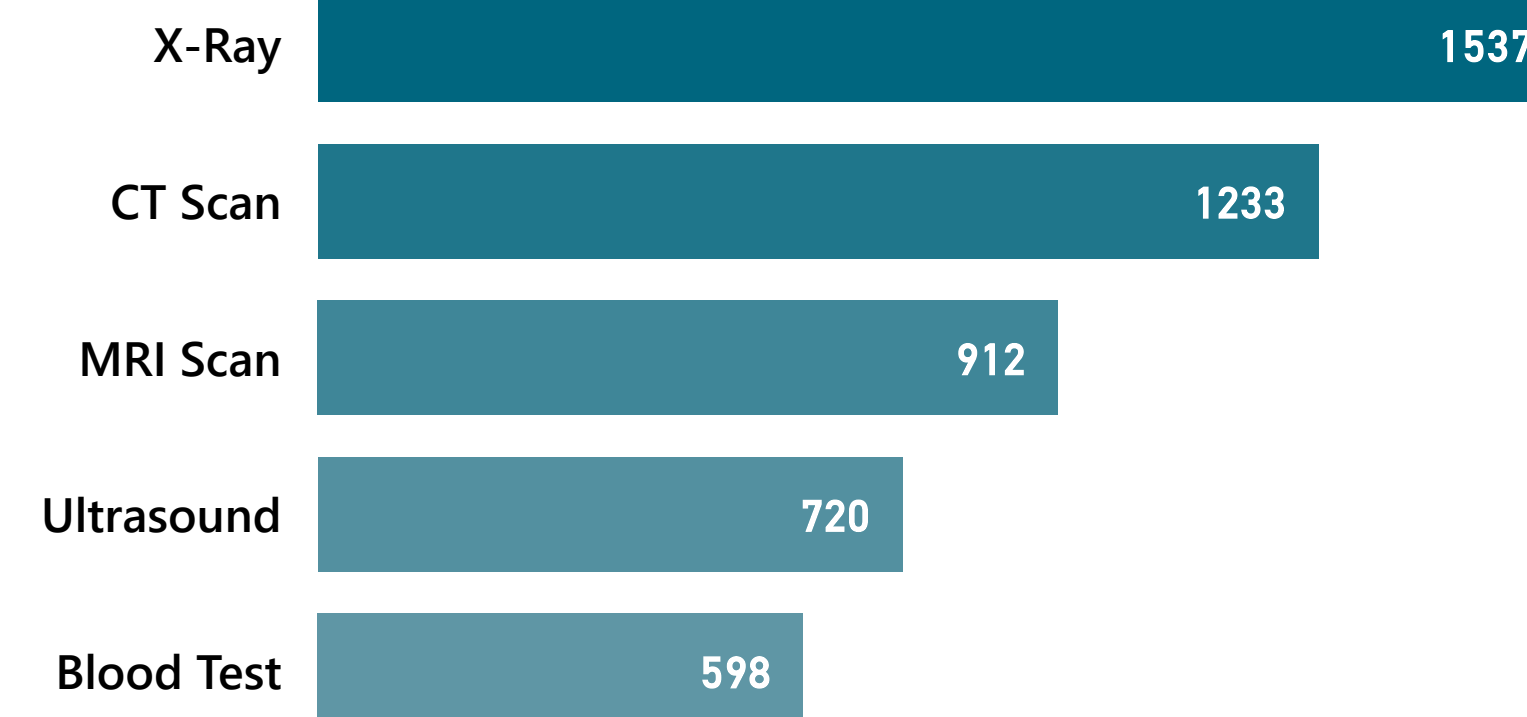
Department wise Visits



Diagnosis wise Visits



Procedure wise Visits



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Mh

Mehedi Hasan

Financial Analysis

All Year

All Month

Billing Amount

\$3.4M

Per Visit (Avg):

\$671

Insurance...

\$2.2M

Per Visit (Avg):

\$456

Out-of-Pocket

\$1.1M

Per Visit (Avg):

\$226

Department

All

Diagnose

All

Procedure

All

Insured Patients

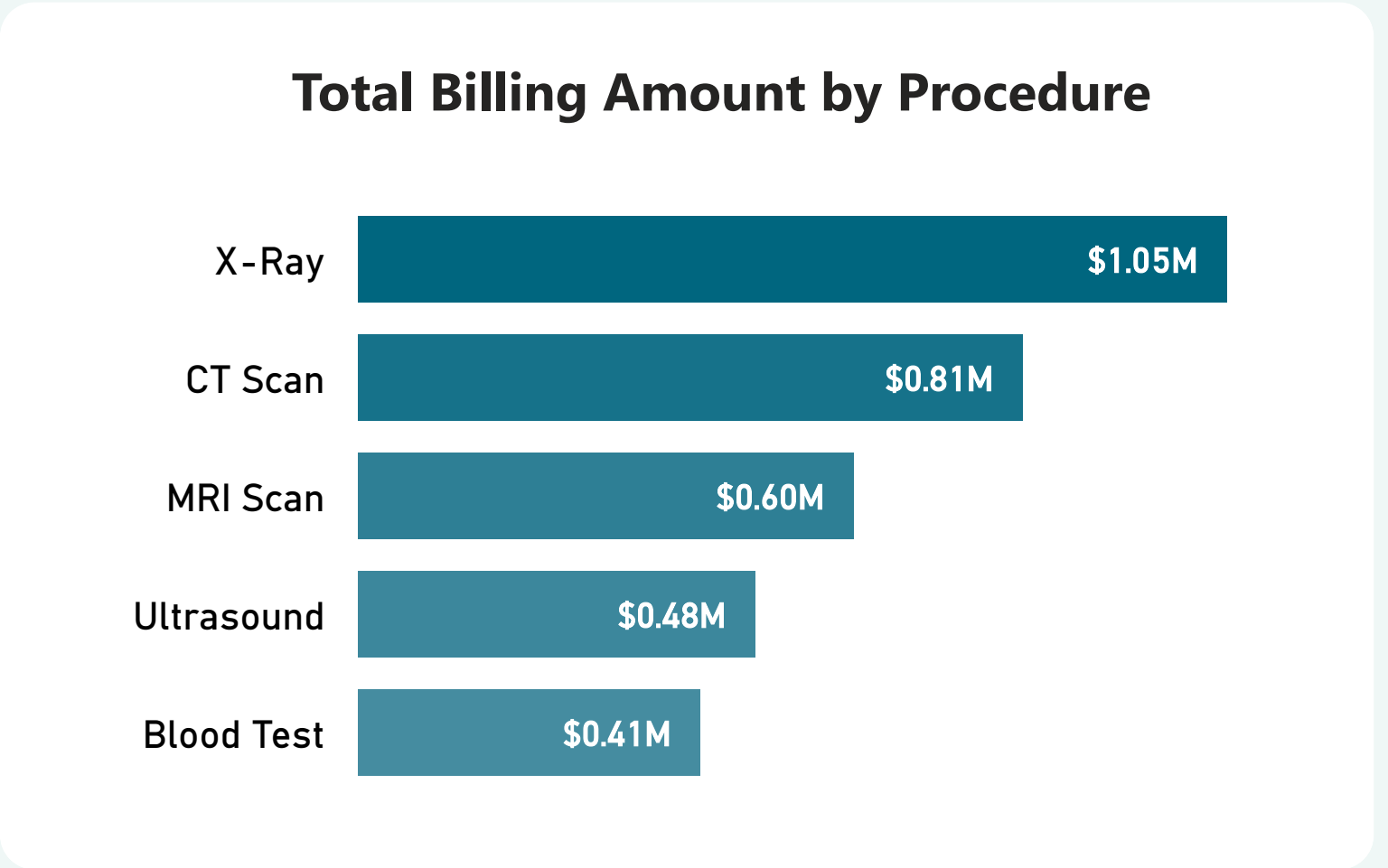
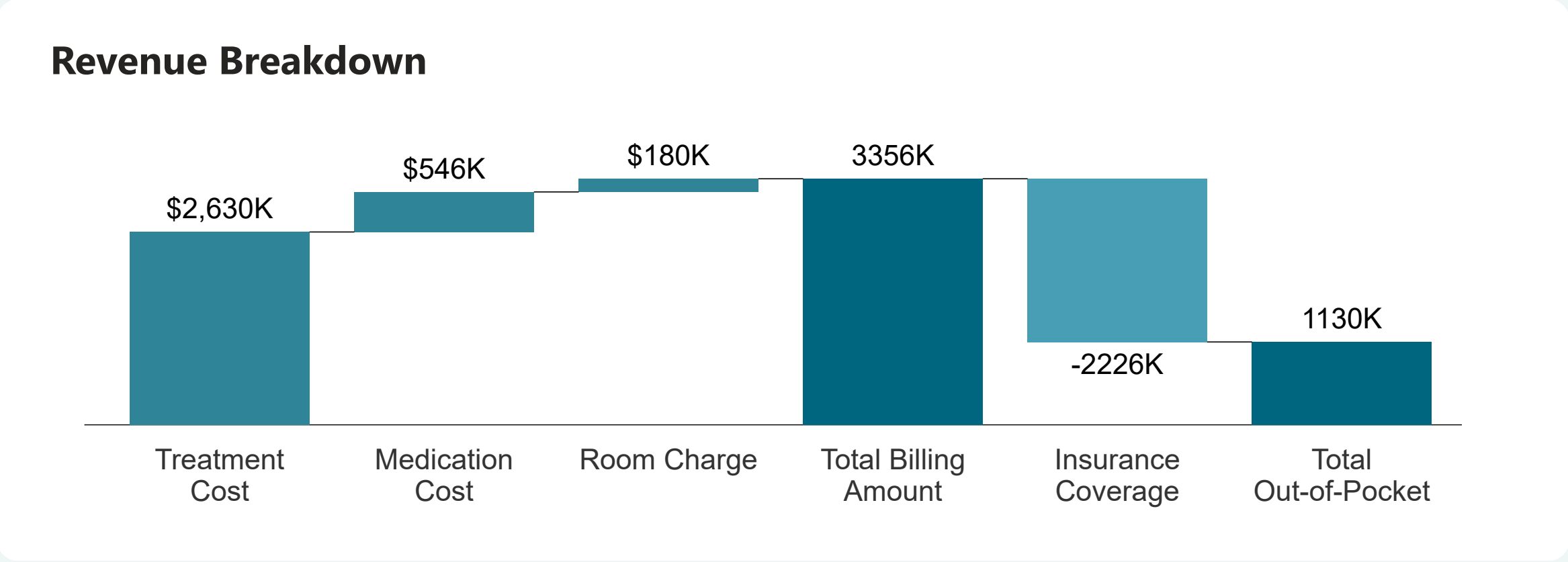
97.6%

Collection Rate

38.3%

Room Utilization

49.9%



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



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Patient Experience



All Year



All Month



Female

Male

18 - 24

25 - 34

35 - 44

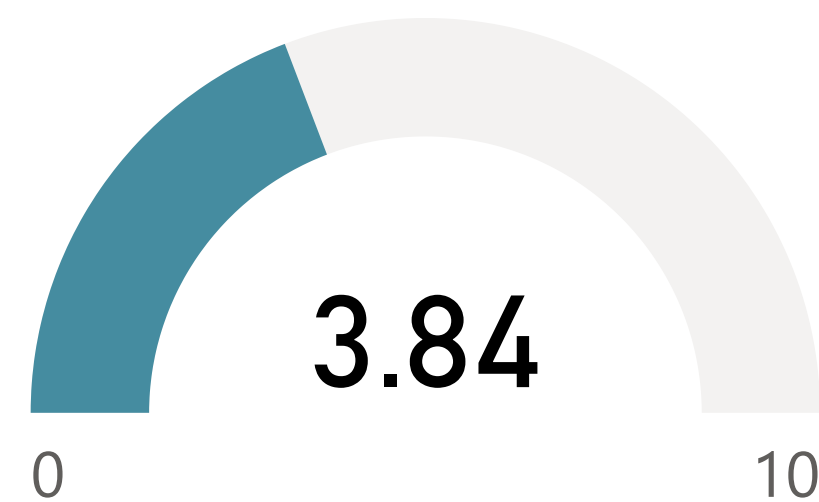
45 - 54

55 - 64

65 - 74

Above 74

Avg Satisfaction Rate

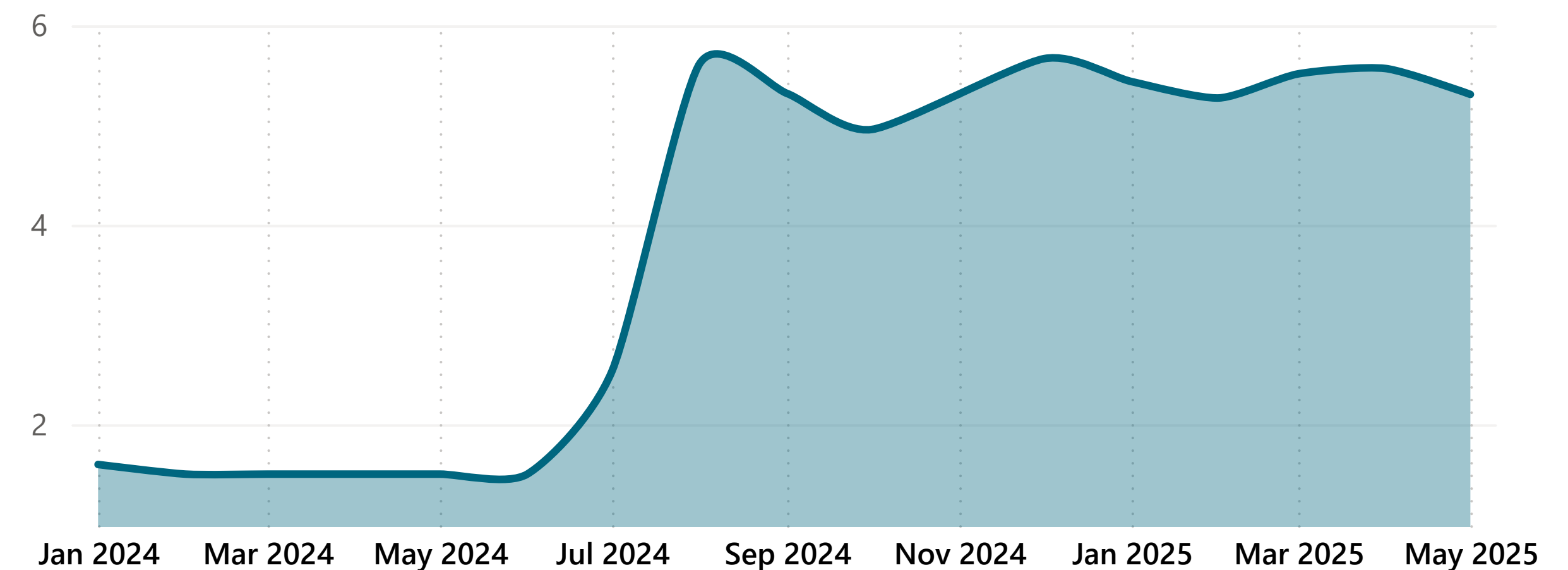


Follow-up Visits

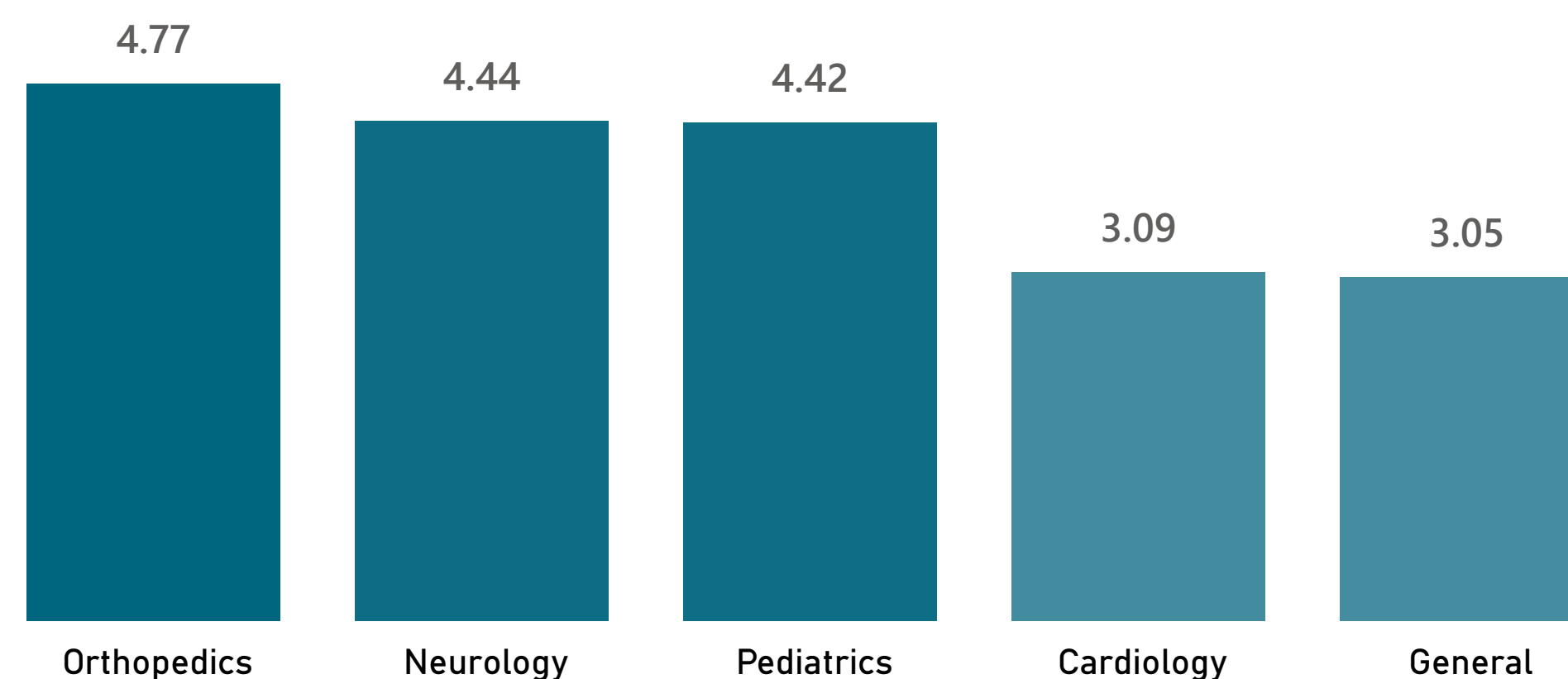
2507



Satisfaction Trend over Time



Department wise Avg Satisfaction Score



Avg Satisfaction Score by Referral

