

Healthcare Patient Diagnosis Analysis

Raw Data:

Diagnosis Code	Description
G44.86	Pneumonia due to coronavirus disease 2019
J12.82	Encounter for screening for COVID-19
Z11.52	Acute cough
G44.86	Pneumonia due to coronavirus disease 2019
J12.82	Encounter for screening for COVID-19
Z11.52	Acute cough
Z11.52	Acute cough
R05.1	Low back pain, unspecified
G44.86	Pneumonia due to coronavirus disease 2019
J12.82	Encounter for screening for COVID-19
Z11.52	Acute cough
R05.1	Low back pain, unspecified
M54.50	Cervicogenic headache
K31.A0	Gastric intestinal metaplasia, unspecified
J12.82	Encounter for screening for COVID-19
R05.1	Low back pain, unspecified
Z11.52	Acute cough

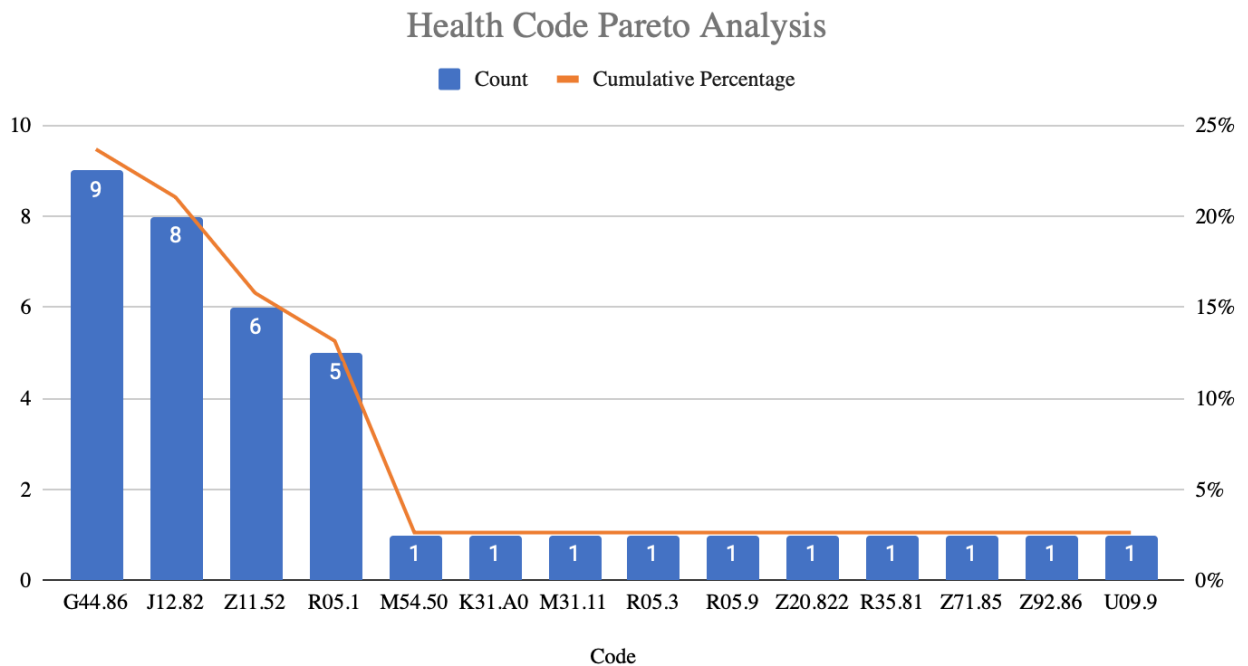
Frequency Table / Trend Analysis:

Utilized conditional formatting to create frequency tables. Validated data extraction against raw data.

Code	Count	Cumulative Percentage
G44.86	9	24%
J12.82	8	21%
Z11.52	6	16%
R05.1	5	13%
M54.50	1	3%
K31.A0	1	3%
M31.11	1	3%
R05.3	1	3%
R05.9	1	3%
Z20.822	1	3%
R35.81	1	3%
Z71.85	1	3%
Z92.86	1	3%
U09.9	1	3%

Data Visualization - Pareto Analysis:

Developed Pareto Chart to visualize leading admittance causes.



Root Cause Analysis

Based on Pareto Analysis, it's advisable for staffing operations to prioritize the following health codes.

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J12.82	Encounter for screening for COVID-19