

# Practical Management for Career Readiness



# Effective Problem Solving and Decision Making Module 2



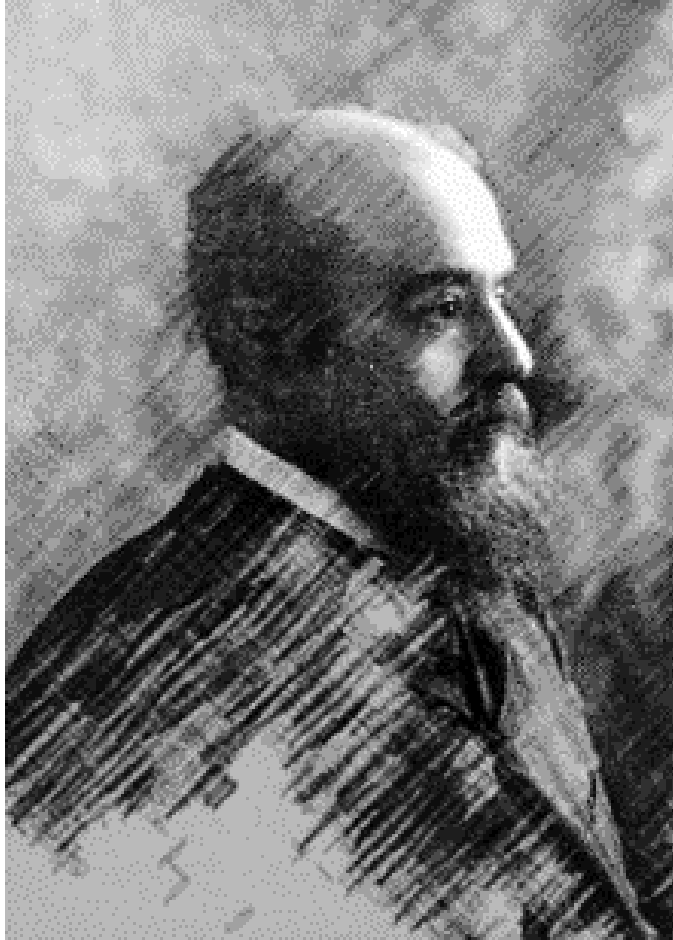
with Rob Stone, M.Ed., PMP

Pareto Charts

Cause and Effect Diagrams

Histograms

# Pareto Chart



**Vilfredo Pareto**

# Pareto Principle: 80/20 Rule

# Pareto chart

A vertical bar graph in which values are plotted in decreasing order of relative frequency from left to right

# What Does a Pareto Chart Show Us?

Information in a descending hierarchical order

Issues that cause most of our problems

The most important things

# Pareto Analysis

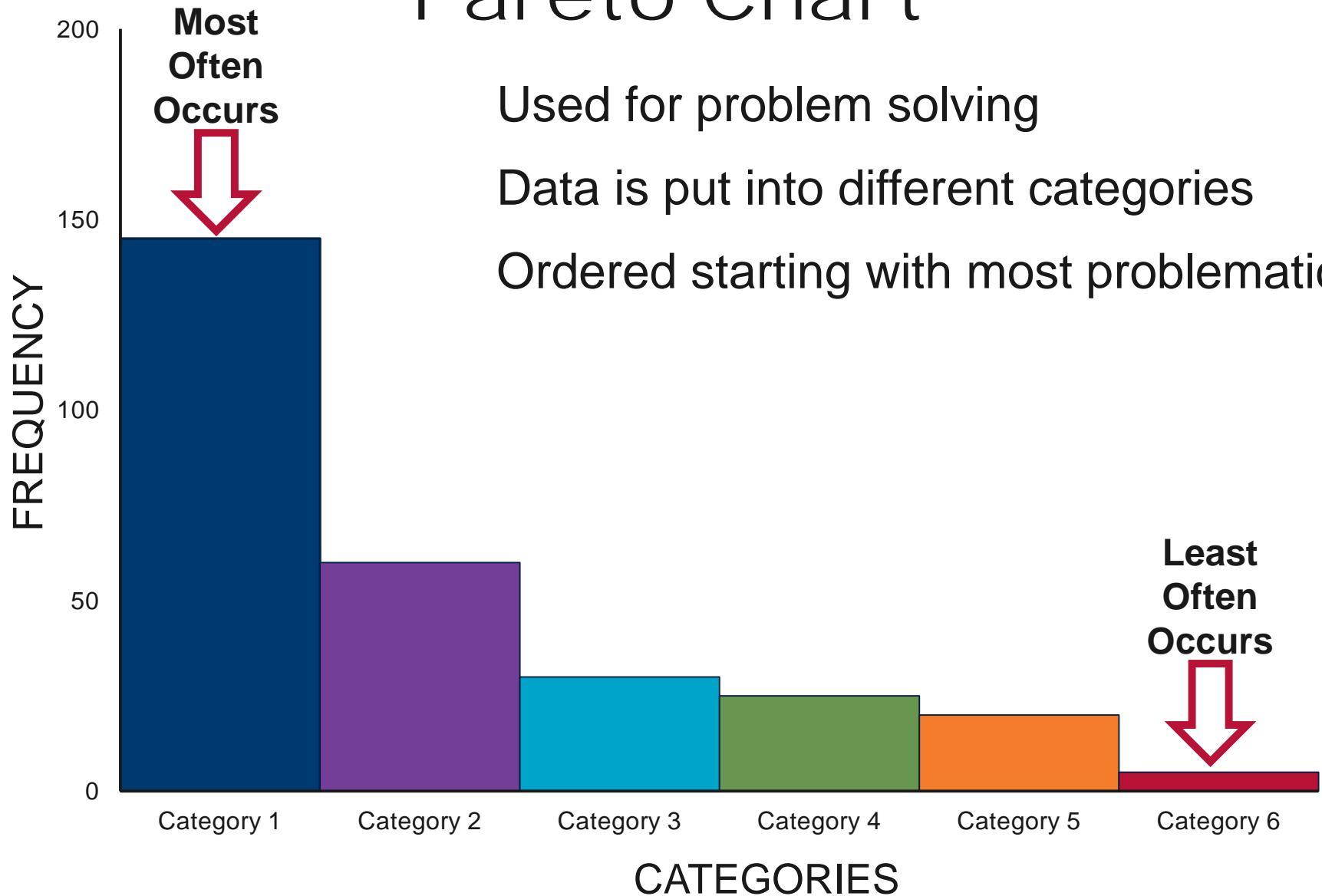


# Pareto Chart

Used for problem solving

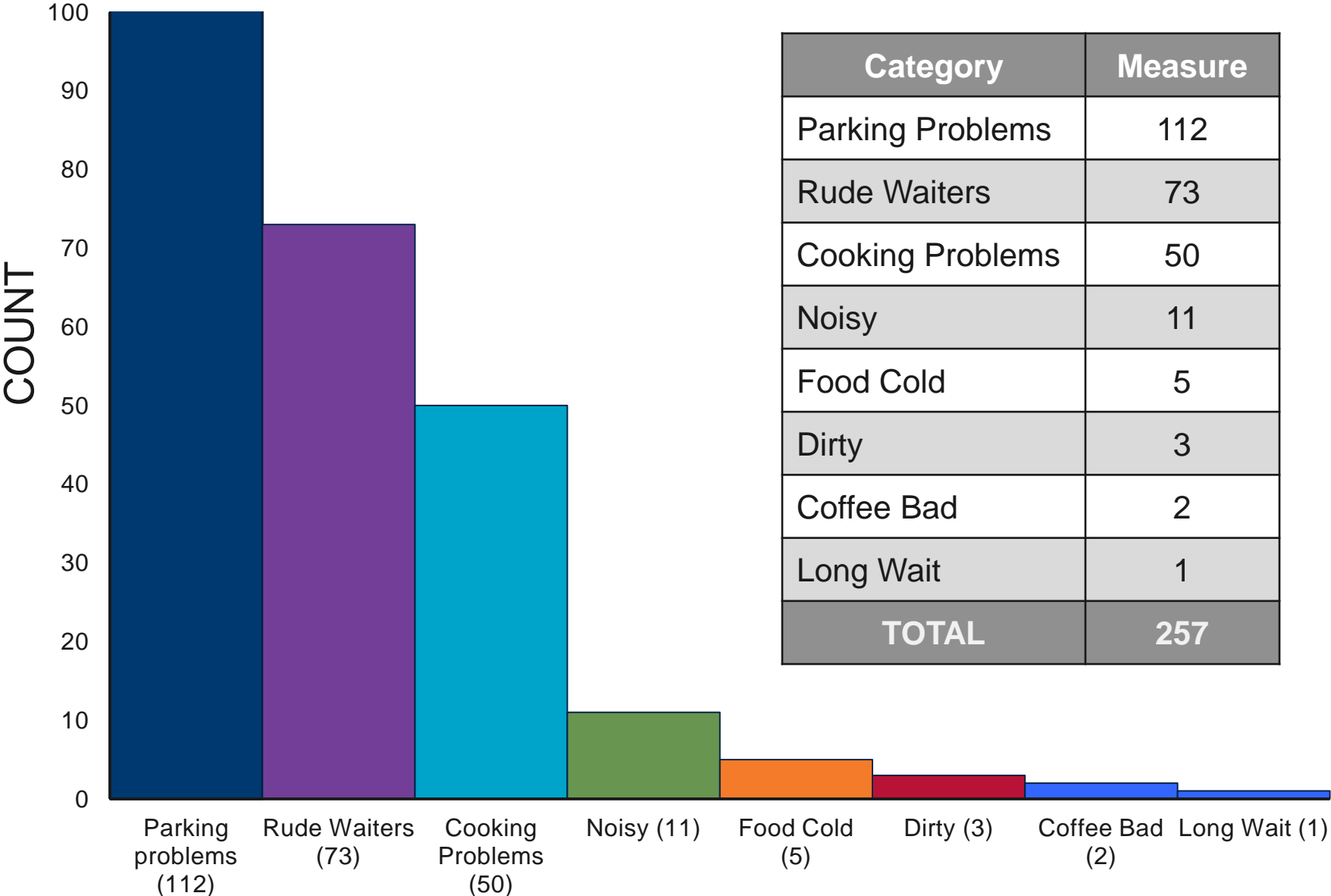
Data is put into different categories

Ordered starting with most problematic



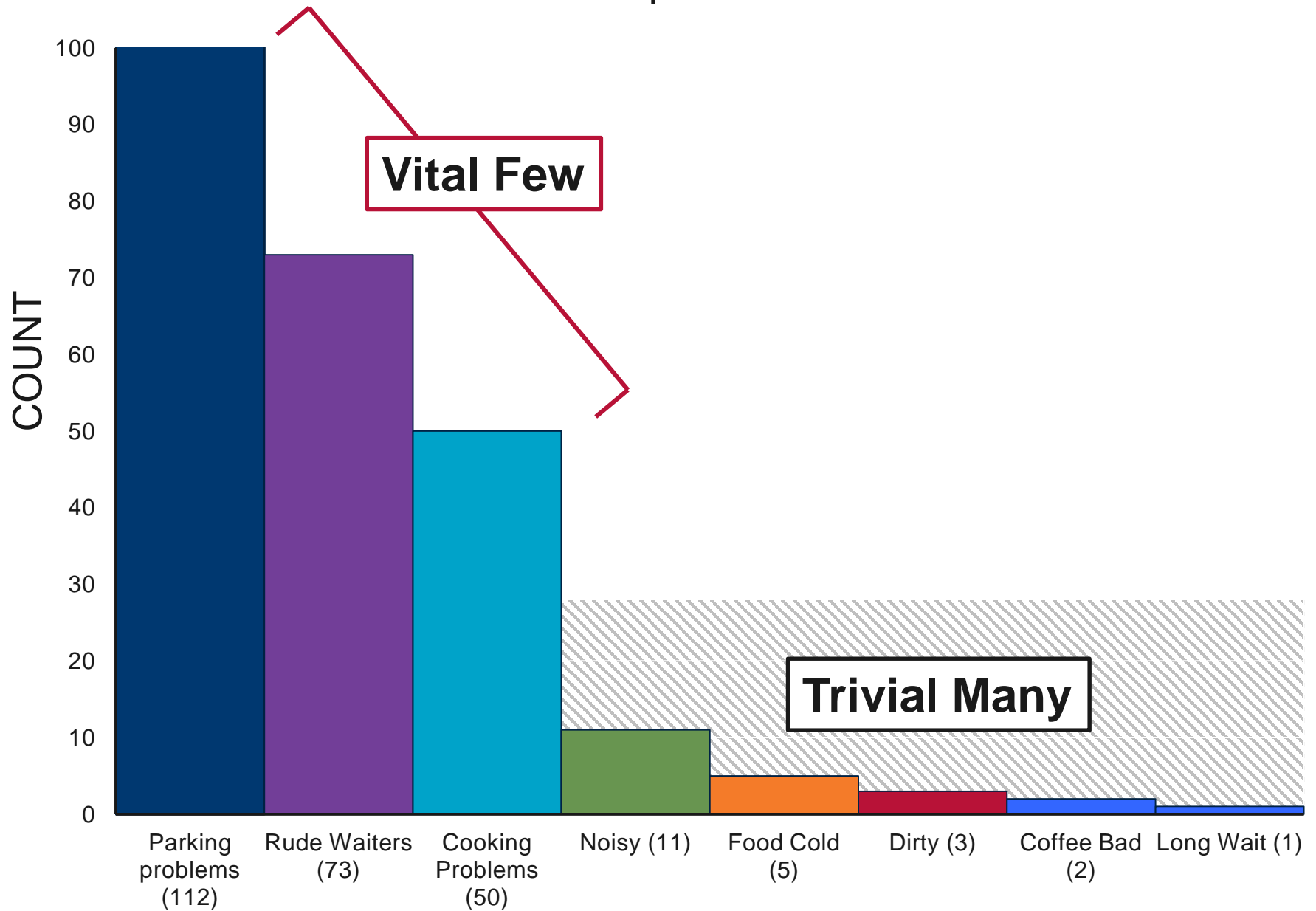
# Pareto Chart

## Restaurant Complaints Jan - Dec



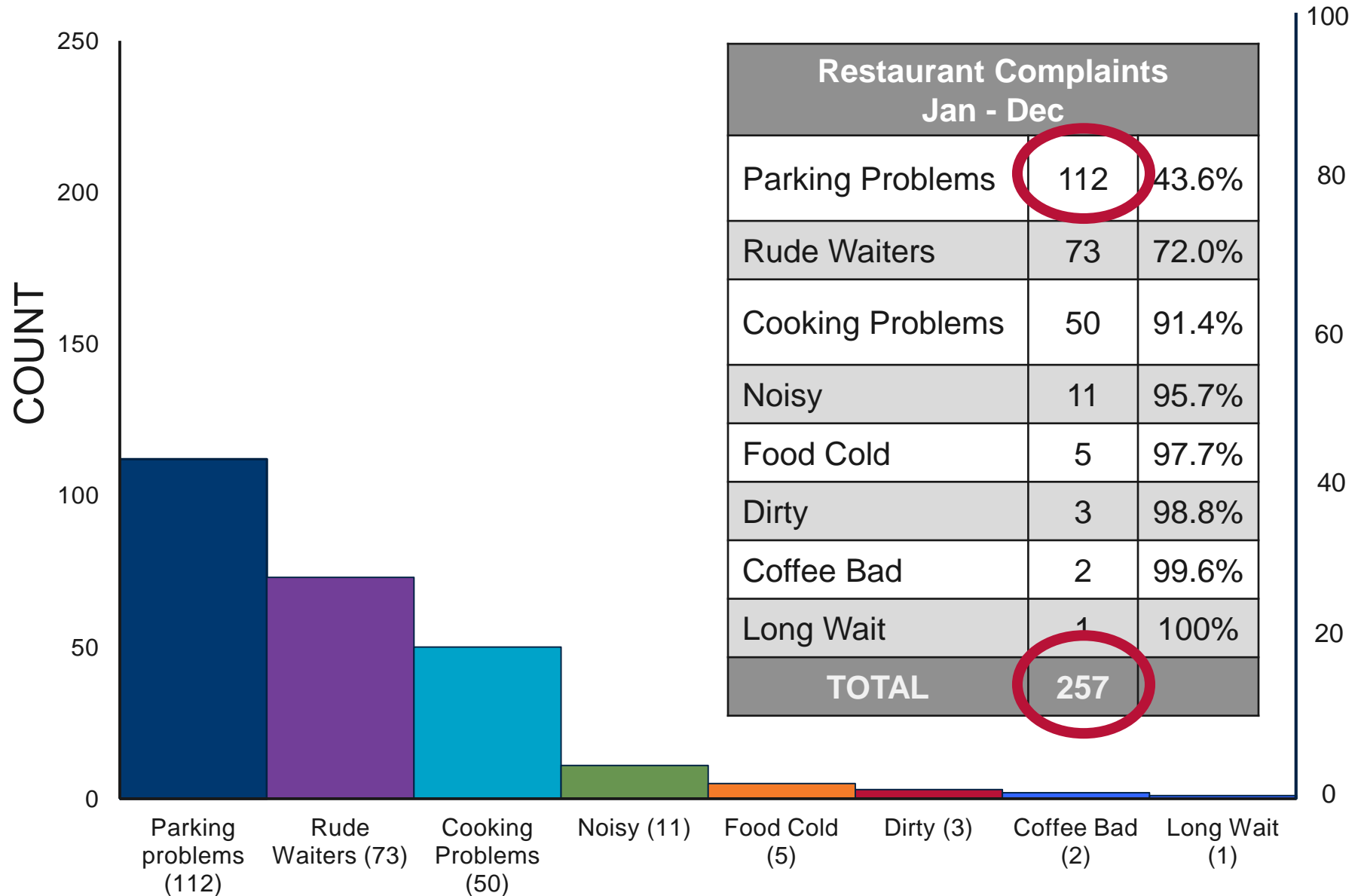
# Pareto Chart

## Restaurant Complaints Jan - Dec



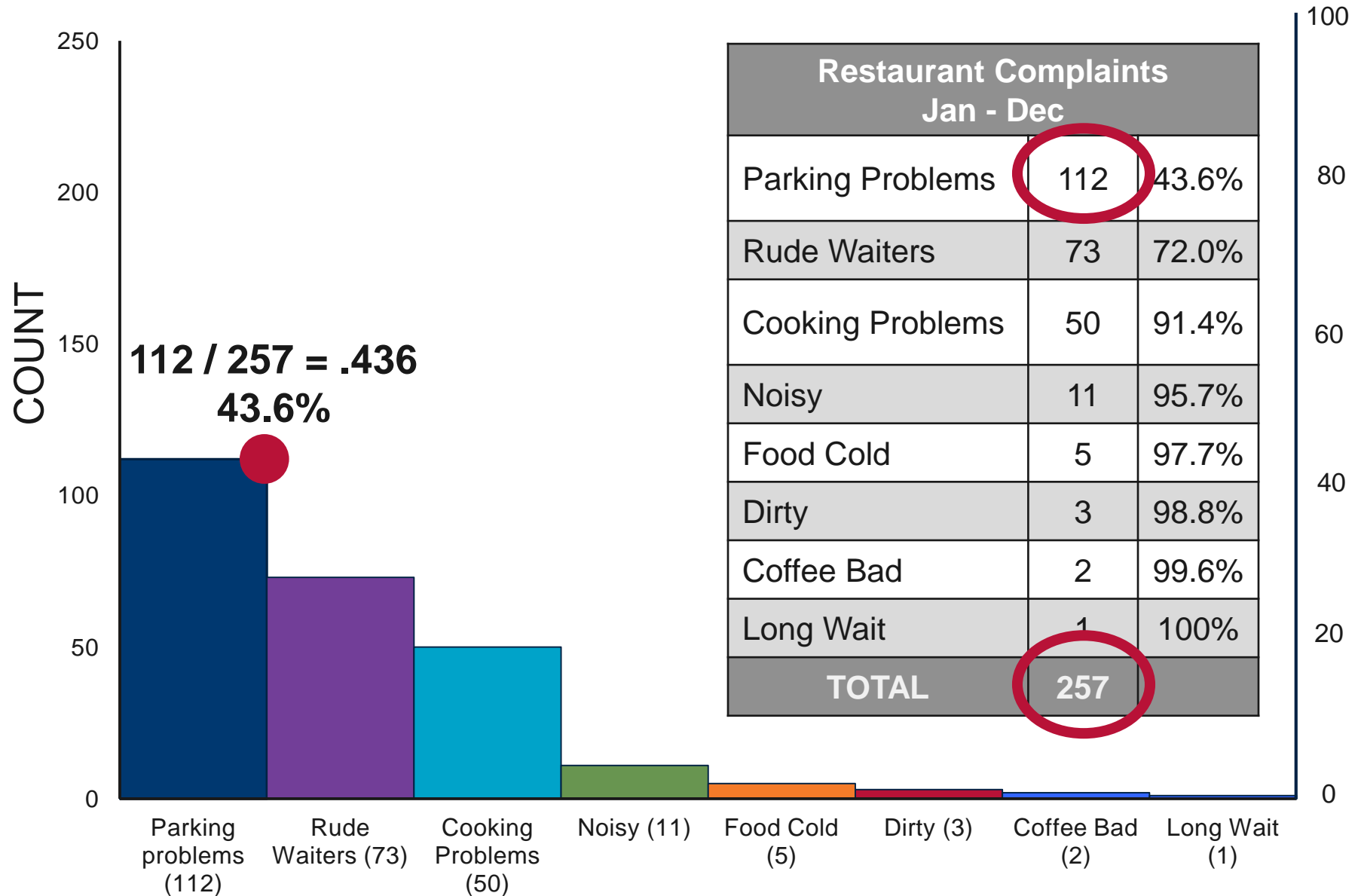
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## Restaurant Complaints Jan - Dec



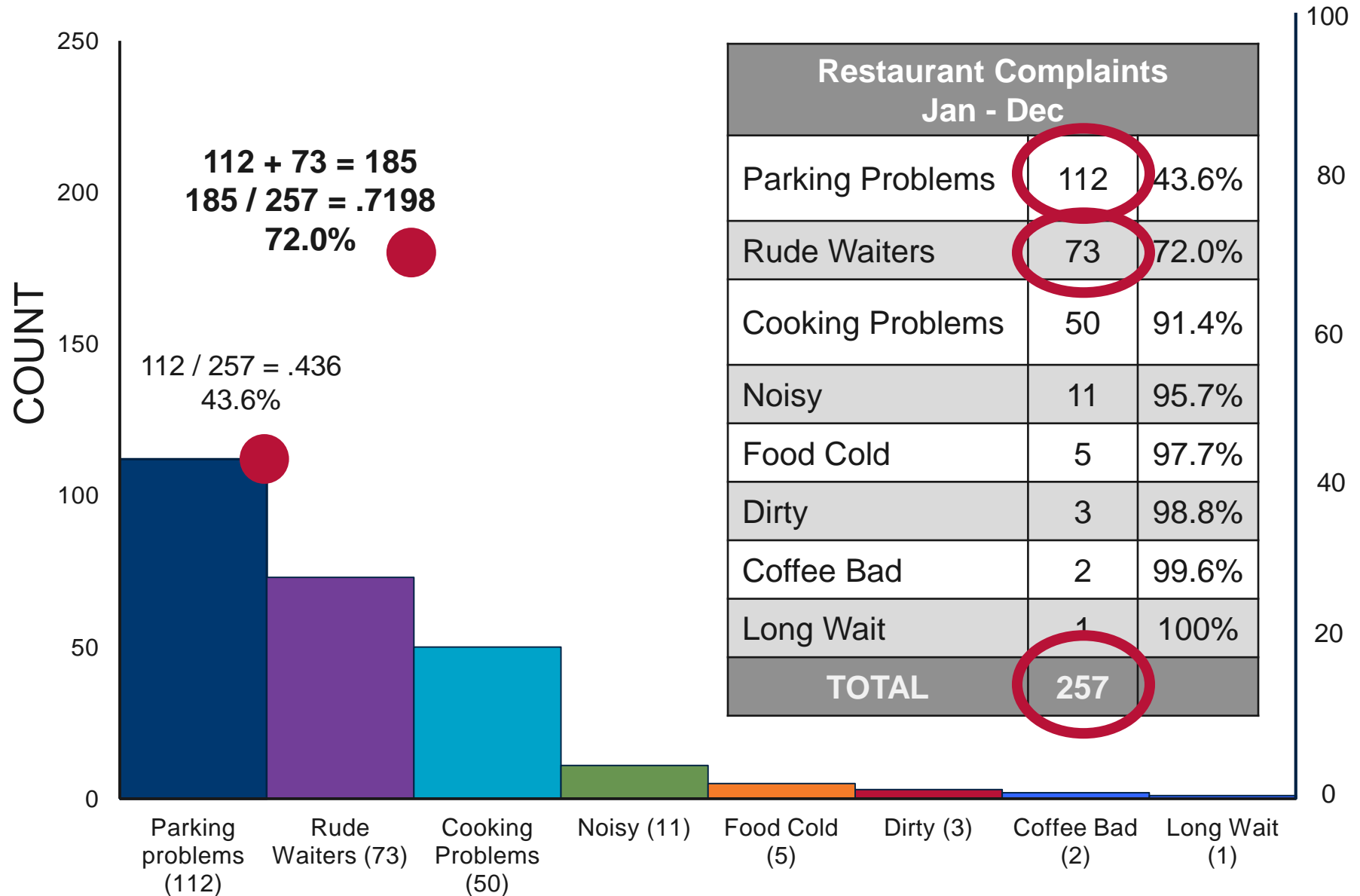
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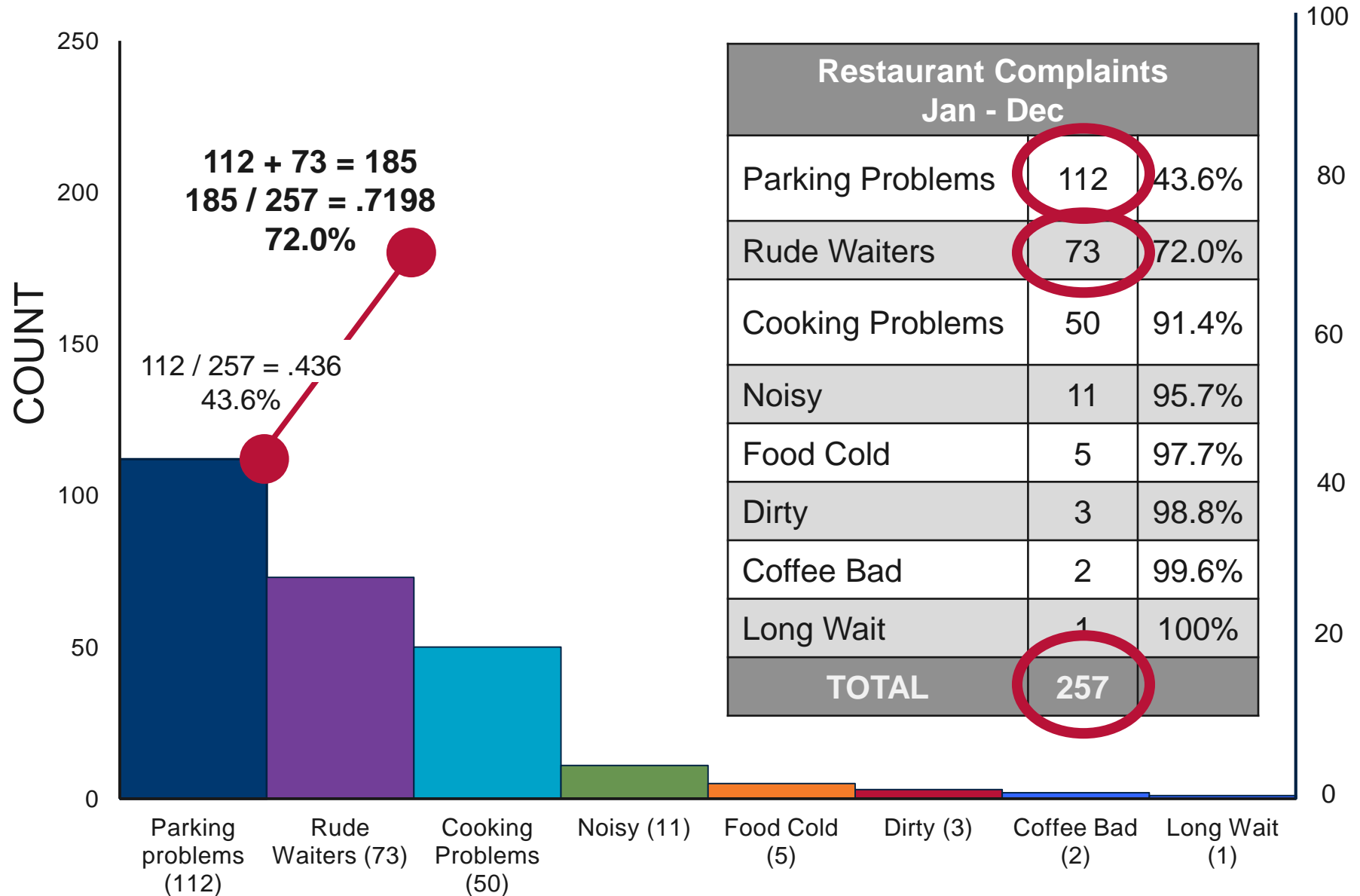
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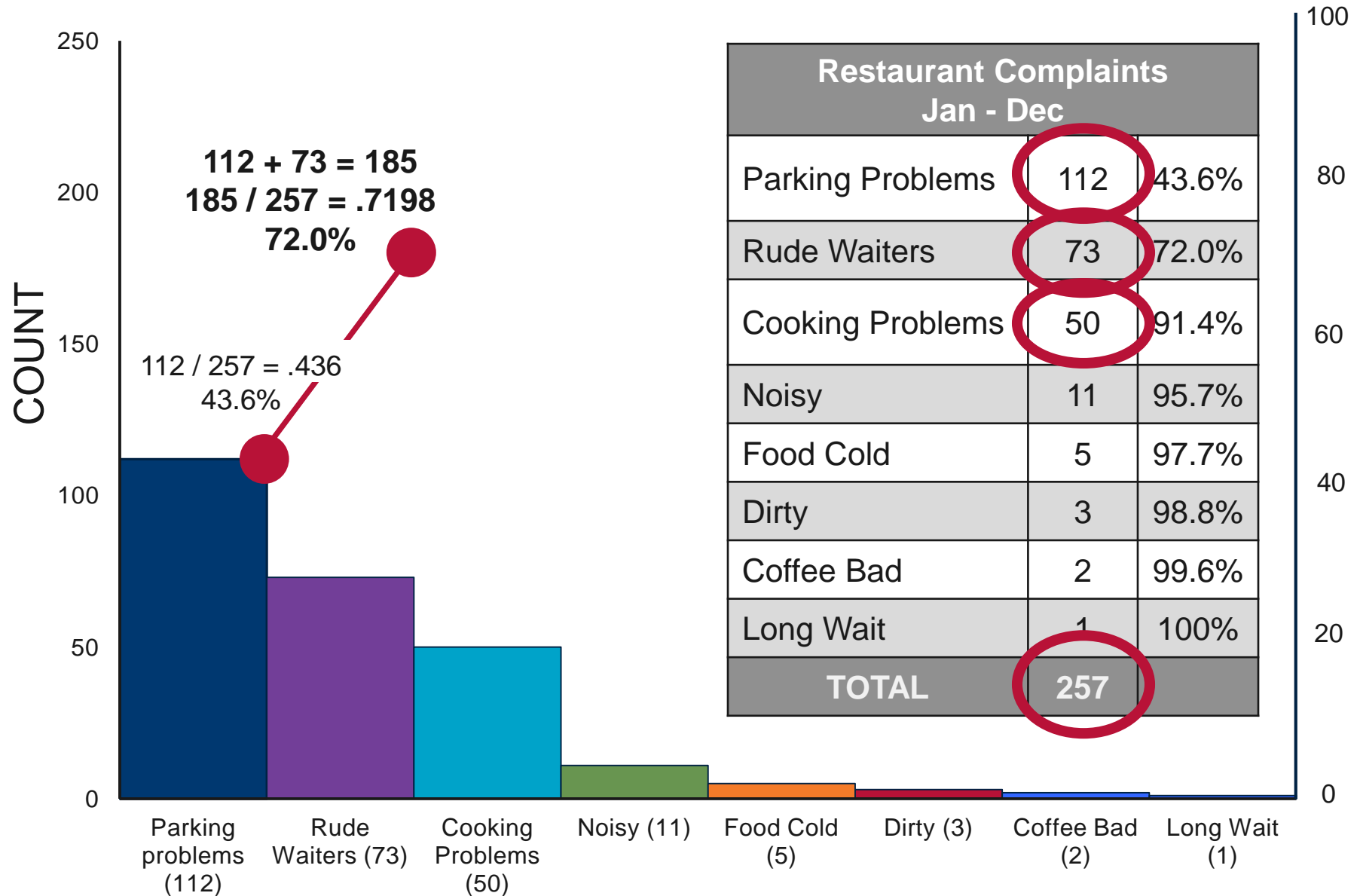
# Pareto Chart

## Restaurant Complaints Jan - Dec



# Pareto Chart

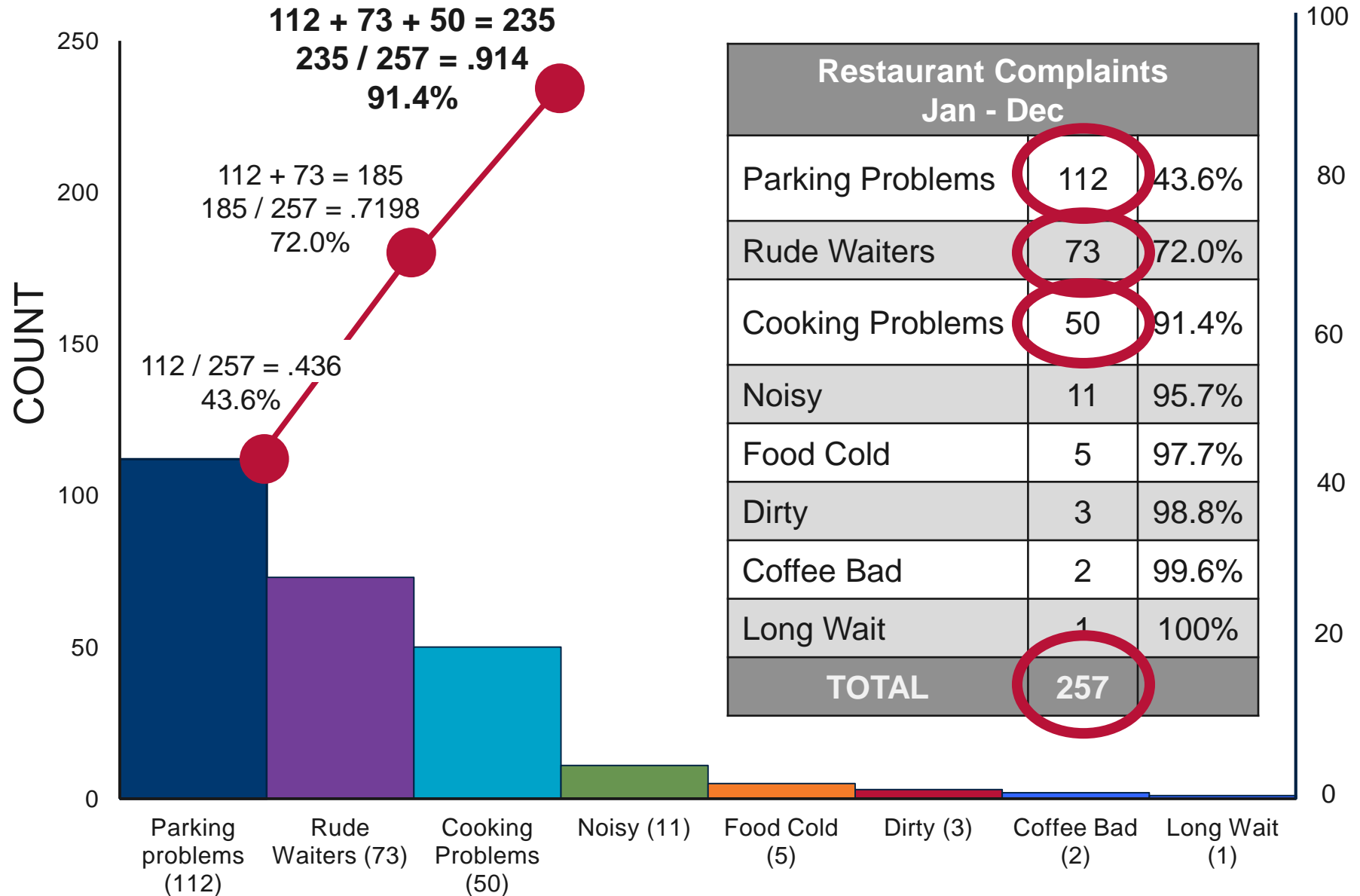
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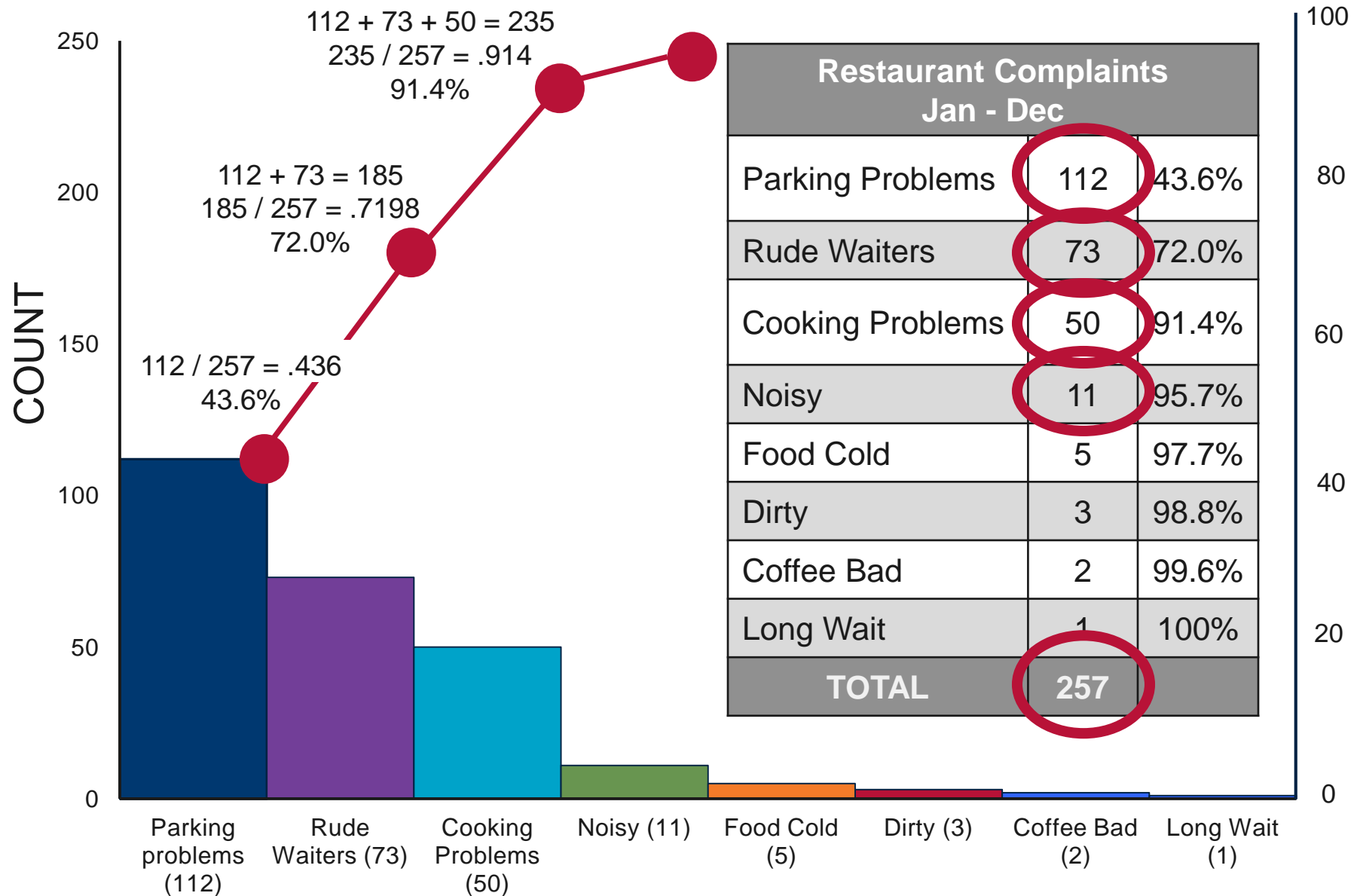
# Pareto Chart

## Restaurant Complaints Jan - Dec



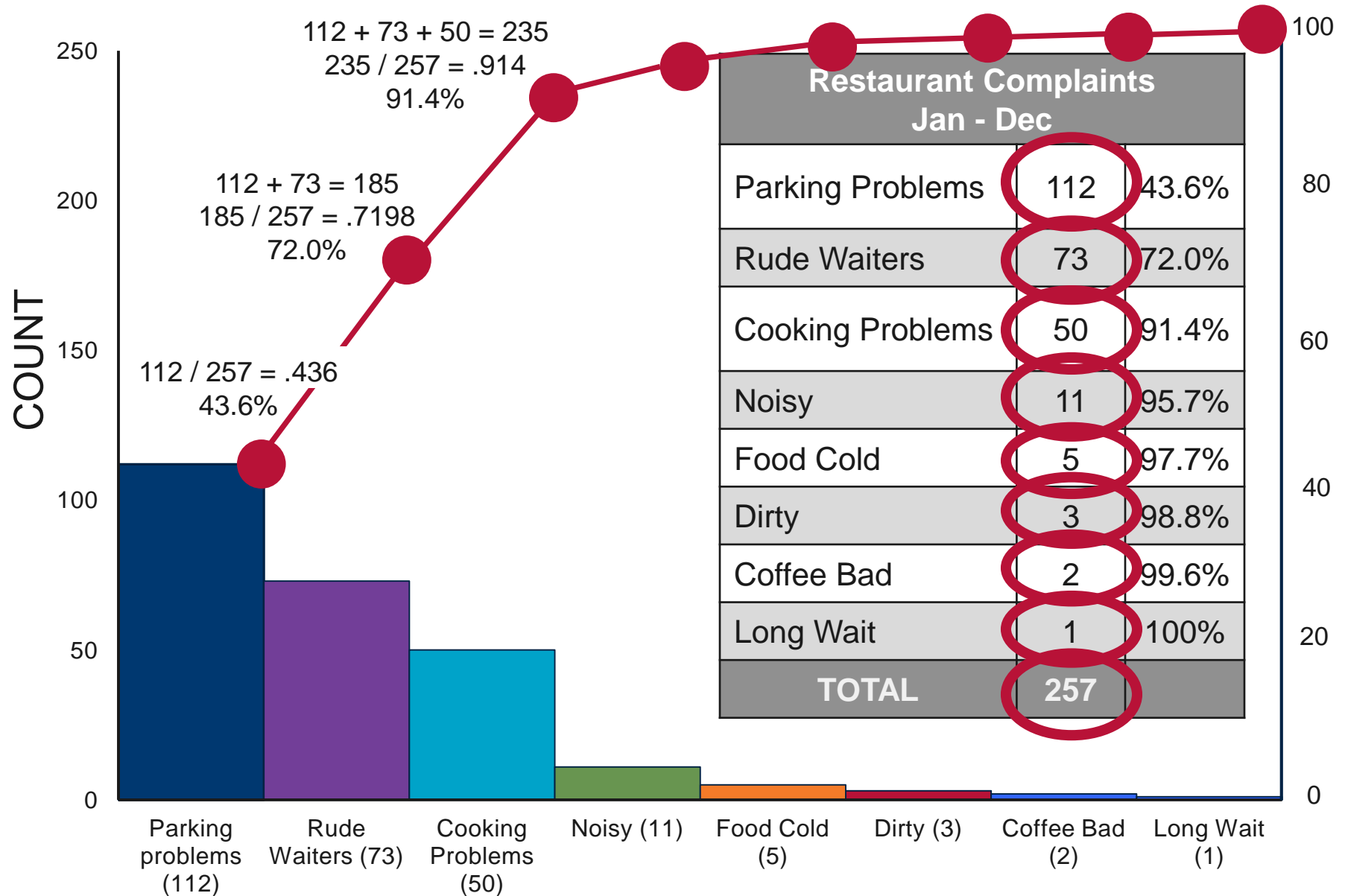
# Pareto Chart

## Restaurant Complaints Jan - Dec



# Pareto Chart

## Restaurant Complaints Jan - Dec



**Determine the Problem Categories**

**Tabulate the Data**

**Plot the Chart**

**Understand and Act on the Results**

# UCI Extension

## Continuing Education