

# Pareto Diagram

#### ? What is It

Also known as the **80/20 Rule**. The Diagram illustrates that **80% of effects arise from 20% of the causes** or in other terms: **20% of our actions/activities will account for 80% of the results/outcomes**.

## When

- Identify the most impactful source of a problem.
- There is a need to analyze data and its performance is unclear.
- Used in the Analyze phase of the DMAIC.

### **Goals**

- Be a support decision making tool.
- Divide the Vital Few sources of a problem from the Useful Many to help us focus on what is important.
- Help prioritize

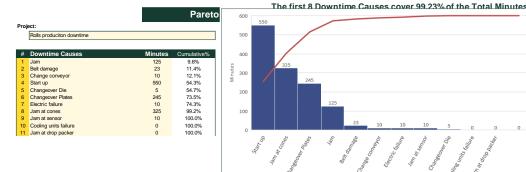






- Use MS Excel to plot a Pareto Graph.
- The Pareto Principle is merely an **observation**, not law. Although broadly applied, it does not apply to every scenario.

#### Example



90%