

Overall Equipment Effectiveness (OEE)

Benchmarks, Definition & Measurement Details

**SAMPLE
CONTENT & DATA**



Overall Equipment Effectiveness (OEE)

Definition & Measurement Details



What is Overall Equipment Effectiveness (OEE)?

A measurement of production function availability (uptime), performance and quality in a single metric/KPI that assesses the overall efficiency of the entire production operation, expressed as Availability times Performance times Quality.

Why should this KPI be measured?

Overall Equipment Effectiveness (OEE) is a vital KPI in Manufacturing & Production that measures the overall performance of the company's production machinery based on performance, availability and quality.

How is this KPI calculated?

Three values are used to calculate this KPI: (1) the number of good units produced during the measurement period (i.e., units that are not scrapped), (2) the total cycle time it takes to

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Overall Equipment Effectiveness (OEE)

Benchmarks & Characteristics of High Performers



Overall Equipment Effectiveness (OEE)

$((\text{Number of Good Units Produced} * \text{Ideal Cycle Time}) / \text{Total Amount of Time Equipment is Scheduled for Use}) * 100$



Characteristics of High Performers

- KPIs are well-defined, tracked and tied to performance reviews
- Robust self-service options for customer

Sample Size: XX

KPI Type: XX

Unit: XX

Is High or Low Best?: XX

How to read this chart: This chart summarizes the performance gaps between high (Top 5%), mid (Median) and low (Bottom 5%) performers for this Key Performance Indicator (KPI). For example, the column labeled "Top 5%" represents a company that outperformed 95% of the peer group observed for this metric.

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