

The OpsDog Manufacturing & Production Benchmarking Report

Manufacturing & Production

Benchmarks, KPI Definitions & Measurement Details

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Report Details & Methodology

The OpsDog Manufacturing & Production Benchmarking Report



More than **750 KPI values** (i.e., data points) were analyzed to produce benchmarks for the **20 KPIs** included in this report.¹

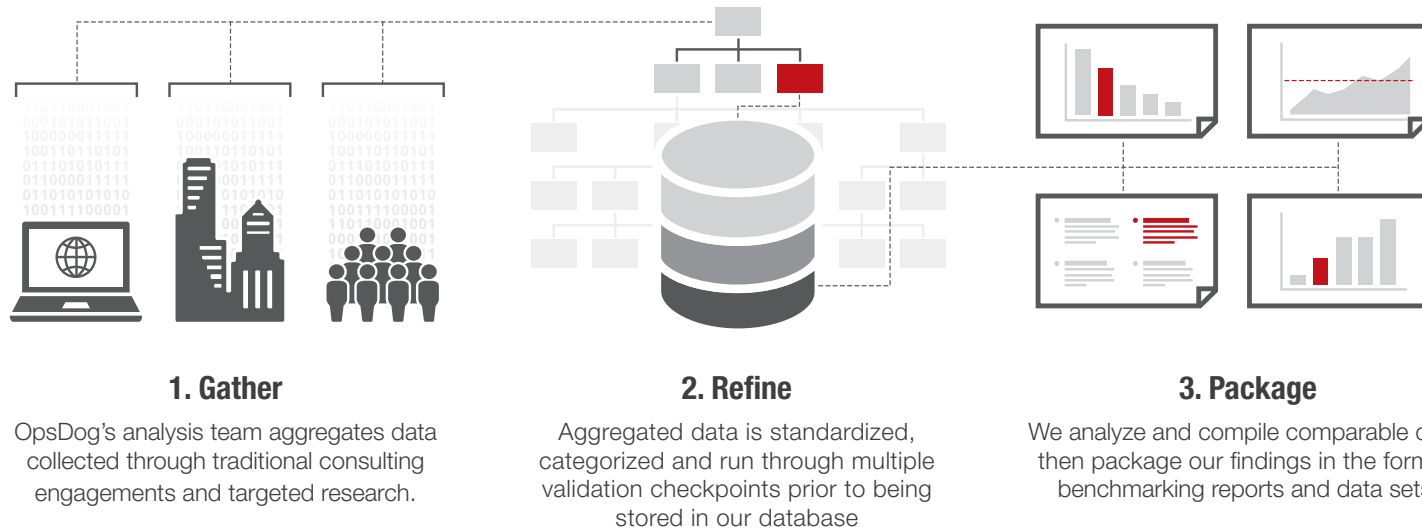
Data Range: 2012-2017

Region(s) Included: United States, Canada

Industries Included: Industrial Products & Appliances Operations, Automotive Manufacturing, Technology & Communications Operations

The benchmarks included in this report were found to be comparable across companies of varying sizes (i.e., number of employees, total revenue) and industry segments. Benchmarks with notable differences across industries include industry average call-outs.

Methodology: Data Collection & Validation



Looking for customized research and analysis? Contact our research team. P: 844.650.2888 E: info@opsdog.com

Note:

¹ The sample size of the observed data varies for each KPI.

Manufacturing & Assembly

Manufacturing & Production

Facility Management

Manufacturing & Assembly

Manufacturing Engineering

Production Planning

Quality Assurance

--- The Manufacturing & Assembly function is responsible for the creation of finished products/goods. Manufacturing methods depend on the product being created, corporate strategy and consumer demand. Possible methods include just-in-time manufacturing, lean manufacturing, rapid manufacturing, agile manufacturing or mass-customization.

First Pass Yield (FPY)

Definition & Measurement Details



What is First Pass Yield (FPY)?

The number of good units produced (output) by a manufacturing process without any rework divided by the total number of units that went into production (input) over the same period of time, as a percentage.

Why should this KPI be measured?

First Pass Yield (FPY) is an indicator that gauges the production and quality performance of a Manufacturing group, based on the number of good vs. defective units produced. FPY can be a good measure of a

How is this KPI calculated?

Two values are used to calculate this KPI: (1) the number of good units that the Manufacturing function produces and (2) the total number of units that go into production during the measurement period.

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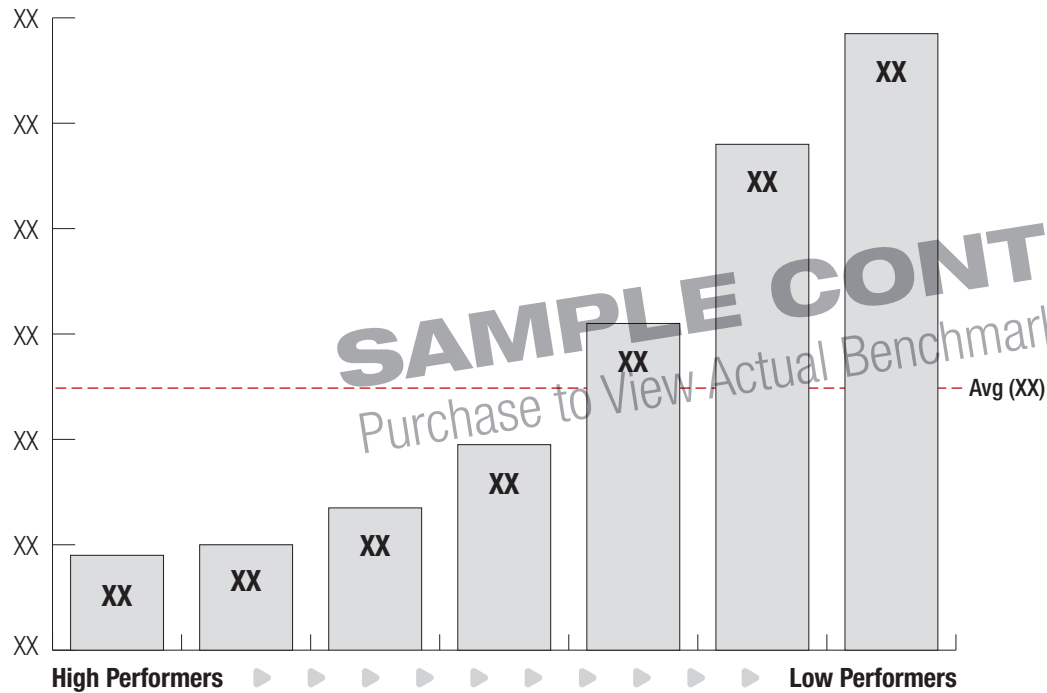
First Pass Yield (FPY)

Benchmarks & Characteristics of High Performers



First Pass Yield (FPY)

(Number of Good Units Produced / Total Number of Units Going Into Production) * 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.