

Checklist of Supply Chain Metrics

Top KPIs for Planning, Manufacturing and Logistics

Establishing key performance indicators (KPIs) enables the supply chain organization to justify, monitor and improve individual processes. This also enhances the overall supply chain performance by balancing local and global performance improvements.

Associate each metric with a supply chain process that is implemented or that you're considering. Metrics and KPIs are not the end of analysis, but the beginning of identifying an issue's root cause and targeting corrective action.

Use this checklist for guidance in selecting your KPIs.



Business Process	Focus of Metric	Sample Metrics
Manufacturing Planning & Scheduling	Enhance predictability/on-time delivery, reduce cycle time and adhere to plan/budget.	<ul style="list-style-type: none"> Production schedule due-date attainment/adherence Asset/capacity utilization Throughput velocity
Distribution Planning	Enhance predictability/on-time delivery.	<ul style="list-style-type: none"> Item availability in warehouse Shipments to lead time/promise date Delivery to lead time/promise date Cost to serve
Inventory Management	Improve visibility, customer service and profitability.	<ul style="list-style-type: none"> Inventory record accuracy Inventory turns Total inventory Working/nonworking/obsolete inventory Item availability
Global Trade Management	Reduce import/export time/cost and ensure compliance.	<ul style="list-style-type: none"> Total landed cost Lead-time/promise date adherence Compliance
Transportation Management	Reduce delivery costs and ensure delivery quality (materials and time).	<ul style="list-style-type: none"> Total transportation cost Costs per unit and per kg Carrier delivery performance
Warehouse Management	Improve space utilization, reduce pick/pack, and drive excellence in receive/pick/ship.	<ul style="list-style-type: none"> Space utilization Labor utilization/productivity Operation cost Operation quality Throughput velocity
Demand Planning	Improve forecast accuracy and performance to plan.	<ul style="list-style-type: none"> Forecast error (lagged and unlagged) Adherence to process capability Improvement to process capability Adherence to plan
Sales & Operations Planning (S&OP)	Improve gap management, process adherence, demand/supply alignment and integration with corporate goals.	<ul style="list-style-type: none"> Profitability Adherence to process steps

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