15 Top-Tracked CMMS KPIs for Manufacturers

Blog ; August 16, 2016 Brian Kincaid

Manufacturers have a wide range of systems in place that drive the success of the business and keep uptime performance on the upswing. And while individual manufacturers may have a different goal that defines success—an efficient team, decreased operational downtime or zero inventory stockouts—one factor remains true: success must be measured.

There's no better way to measure success than with CMMS-fueled key performance indicators (KPIs): data that shows whether defined goals are achieved, with insight into the why.

Take it from Lifetime Reliability Solutions:

"A useful maintenance KPI lets you identify the issues causing your maintenance effects and helps you select the right strategy to either support or correct the actions producing the results."

Armed with a powerful CMMS, manufacturers can successfully measure maintenance efforts and pinpoint where improvements are needed. But if you have a lack of benchmark data or are new to CMMS, you may be struggling on which KPIs to measure.

Continue reading to learn about three specific metrics you can track from your CMMS, plus a bonus checklist of the top 15 tracked KPIs by leading manufacturers.

>> **For more on the benefits of tracking CMMS KPIs,** download our latest ebook, *100% More Efficient: A Manufacturers Guide to Preventive Maintenance*.

1.Total Annual Preventive Maintenance vs. Corrective Maintenance

Unless you're stuck in the Stone Age, chances are you've heard these buzzwords in manufacturing: **preventive maintenance (PM).** Though, some still rely on the

"fix it when it breaks" mentality, which is defined as corrective maintenance, proactive manufacturers everywhere use PM to lower the risk of asset downtime and increase team productivity.

Compare total annual preventive maintenance vs. corrective maintenance hours from your CMMS to track your organization's progress toward a goal of more preventive maintenance. As a benchmark, organizations operating at a 90% PM rate fall within the best-in-class maintenance standards.
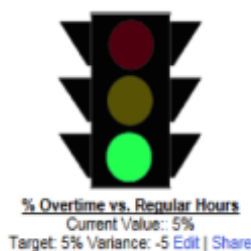
2. Work Order Backlog Percentage

You may find yourself thinking, "when it rains, it pours" when it comes to work order backlog. Once one or two work orders hit the backlog list, it seems like they continue to pile up, and team capacity is depleted. Work order backlog can occur in organizations for many reasons, such as lean staffing scenarios or the result of scrambling to keep up with work orders in a corrective maintenance environment.

Tracking the work order backlog KPI is essential for maintenance managers to understand how resources are used, and if they're effectively allocated. For example, if you continually see a long list of top-priority work orders, you may find your team working overtime or running into inventory stockout.

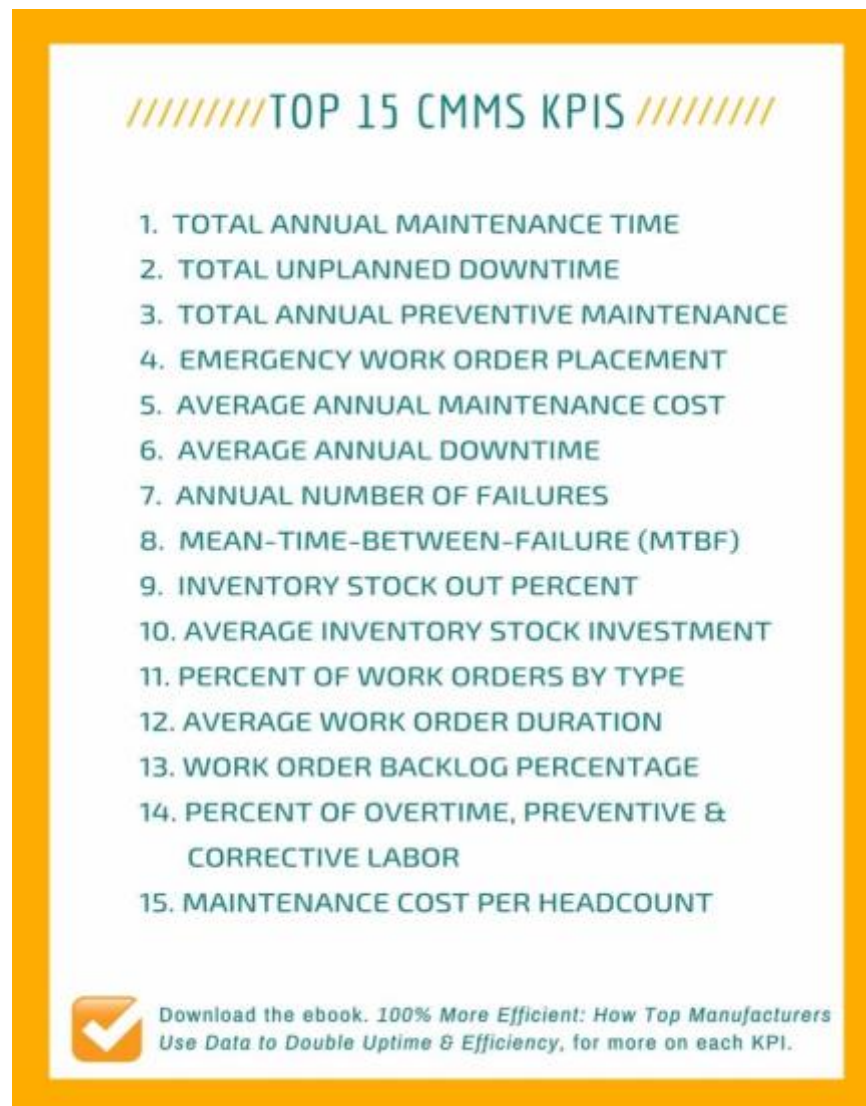## 3. Percent of Overtime, Preventive and Corrective Labor

Much of the success of your maintenance plan is based on labor. It is the maintenance manager's duty to correctly schedule techs and allocate enough time to fulfill work orders. But if you find your team is consistently tracking overtime hours on a daily or monthly basis, there may be a fold in your forecasting.

Track the percent of overtime, preventive and corrective labor KPI to keep forecasts accurate and team members on track. Label labor hours within the three categories to understand how the team is devoting

their time and what projects are underestimated. And to keep overtime down, aim for less than 5% of all labor hours.

Bonus: Top 15 Tracked CMMS KPIs

The top manufacturers across the globe rely on Maintenance Connection for CMMS and PM success. Below, check out the top-tracked CMMS KPIs by manufacturers that you can use to drive performance success.

//////////TOP 15 CMMS KPIS /////////

1. TOTAL ANNUAL MAINTENANCE TIME
2. TOTAL UNPLANNED DOWNTIME
3. TOTAL ANNUAL PREVENTIVE MAINTENANCE
4. EMERGENCY WORK ORDER PLACEMENT
5. AVERAGE ANNUAL MAINTENANCE COST
6. AVERAGE ANNUAL DOWNTIME
7. ANNUAL NUMBER OF FAILURES
8. MEAN-TIME-BETWEEN-FAILURE (MTBF)
9. INVENTORY STOCK OUT PERCENT
10. AVERAGE INVENTORY STOCK INVESTMENT
11. PERCENT OF WORK ORDERS BY TYPE
12. AVERAGE WORK ORDER DURATION
13. WORK ORDER BACKLOG PERCENTAGE
14. PERCENT OF OVERTIME, PREVENTIVE & CORRECTIVE LABOR
15. MAINTENANCE COST PER HEADCOUNT

Download the ebook. *100% More Efficient: How Top Manufacturers Use Data to Double Uptime & Efficiency*, for more on each KPI.