

4 KPIs

That Impact The
Growth of a
Chemical Company

The chemical industry has always operated within certain conventional settings and boundaries.

With [digital technology](#) advancing so quickly, more and more chemical companies are thinking outside of the box in an effort to become more agile. These thought leaders are looking for better ways to quantify their [manufacturing KPIs](#), generate insights and boost revenue.



3.7%

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3.9%

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According to the American Chemical Council (ACC)

The US economy is expected to grow by up to **3.7%** in 2021 with chemical production rising by as much as **3.9%**.

With this kind of expected growth, it's more important than ever for chemical manufacturing and distribution companies to **recognize and prioritize the most important KPIs**

What are the

4 KPIs

That could have a **Huge impact** on
businesses in

The Chemical Industry?

A large blue circle containing the white number '1', indicating the first point in a series.

Operational KPIs

Operational KPIs help organizations achieve a high **Overall Equipment Effectiveness(OEE)** and **optimize costs**.

It's important to be able to **measure operational performance** against benchmarks to achieve desired results in manufacturing, including both quality **and** maintenance.

Measuring important **KPIs** like **scheduled uptime** vs. **total scheduled** operational time lets organizations calculate things like..

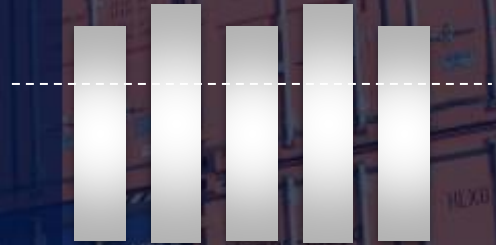
- Manufacturing **schedule compliance**
- **Percentage** of compliant products
- **Production rate by product** against planned demand

2

Inventory Utilization KPIs

While maintaining higher-than-usual inventory levels adds to overall costs, **stock-outs can create even greater bottlenecks** in production.

This is the main reason it's so important to **maintain optimal inventory** levels. Adhering to throughput rate and buffer levels helps chemical companies consistently achieve inventory levels required to **keep production going** without increased costs.



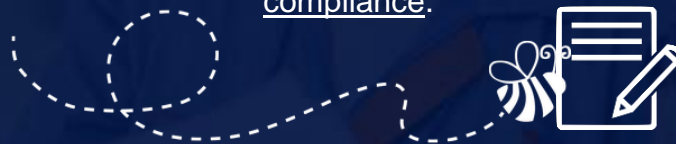
Inventory KPIs help businesses maintain consistent inventory turnover rates.

3

Regulatory KPIs

Adherence to local and global **regulations** should **never be a compromise**.

Tracking Regulatory KPIs enables chemical manufacturers to **record**, **measure** and **maintain** accurate records as required to remain in full compliance.



Chemical companies need to set up and **monitor KPIs** related to Regulatory Affairs (RA) in order to determine the long-term efficiency of their **compliance** processes.

4

Customer Experience KPIs



Connecting directly with **end-users in the chemical industry** is becoming increasingly important when it comes to understanding buying **habits and trends**.

This lets companies **focus** on producing the right products for their **target markets**.

BONUS

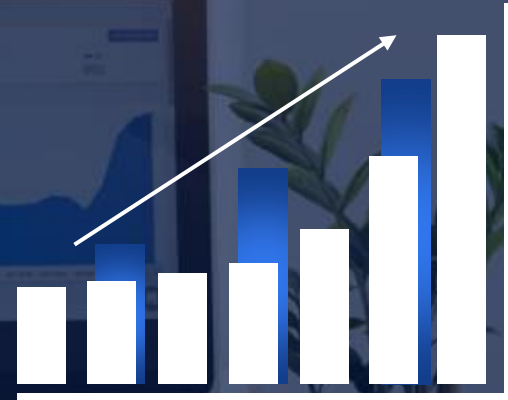
Environmental impact and sustainability KPIs

A lot of conventional chemical manufacturing methods and processes are still highly **resource-intensive**, with the potential to cause serious damage to the environment.

Moving forward, chemical companies need to research and invest in **greener**, more **sustainable** models of working. This can be achieved by setting up KPIs and ensuring proper **governance**

Focusing on these performance markers

and goals not only helps showcase strategies for chemical companies looking to go greener but can help set organizations on a **much shorter path to success.**



Key Takeaways

1



Utilizing different **KPIs and Metrics** helps companies better understand their customers' buying habits along with market demand and the impact of their efforts.

2



Organizations need to be more conscious of resources and the **impact on the environment**. Chemical companies are taking note of this and the right step in this direction is to set up and monitor environmental goals and KPIs.

3



Chemical manufacturers need to monitor **KPIs** not just for the production chain, but the **entire lifecycle** of a product - from procurement of raw material to end-user.

About Xcelpros

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Our team is comprised of forward-thinking, experienced Subject Matter Experts (SMEs) and Technology Consultants with decades of business, industry, and regulatory experience.

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