Deviation Cost Tracker

How-to guide: what the workbook does, how to use it and what every number means. mfgcalcs.com

Deviation Cost Tracker

Log every GMP deviation with the cost of its investigation, CAPA and rejected product, and its time to close against target, by month and by area.

For: Quality assurance managers, deviation and CAPA owners, and site leadership in pharmaceutical, biotech and medical device manufacturing.

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Quick start

1. On Setup, type your site, currency and as-of date, the loaded labour rate and cost per CAPA, and list your classifications with their closure target and your areas.
2. On Deviations, give each deviation a row: number, date, area, classification, root cause, investigation hours, CAPA opened, rejected product value and the date closed.
3. Fix anything the Check column names.
4. Open the Dashboard: cost by month and by area, and the deviations open past their target.

What is in the workbook

Start Here	Read this first: what the workbook does and how to use it.
Setup	Site, currency, as-of date, labour rate and CAPA cost, the classifications with their closure target, and the areas.
Deviations	One row per deviation: hours, CAPA, rejected product and dates in; cost and time to close out.
Dashboard	The cost of deviations by month and by area, split into investigation, CAPA and rejected product, and the ones open past target.
Method	How every number is calculated, with assumptions, limits and sources.
Verify	Self-check: the workbook's formulas recomputed on fixed inputs against an independent reference.

What each number means

Quantity	How it is calculated	Units
Investigation cost	Investigation hours x loaded labour rate.	currency
CAPA cost	Cost per CAPA when a CAPA was opened, otherwise 0.	currency
Total cost	Investigation + CAPA + rejected product.	currency
Days open and status	Date closed (or the as-of date) - date; Within limits when within the classification's target.	days, -

Quantity	How it is calculated	Units
Cost per deviation	Total cost / deviations, for the period, month or area.	currency

Assumptions, limitations, sources and the self-check (the Verify sheet, which recomputes the workbook's formulas on fixed test inputs) are in the workbook. The last page shows the Dashboard with the example data for Corvan Biologics, a fictional business.

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Engineering estimates for planning and improvement work. Verify the results against your own process, data and standards before you rely on them.

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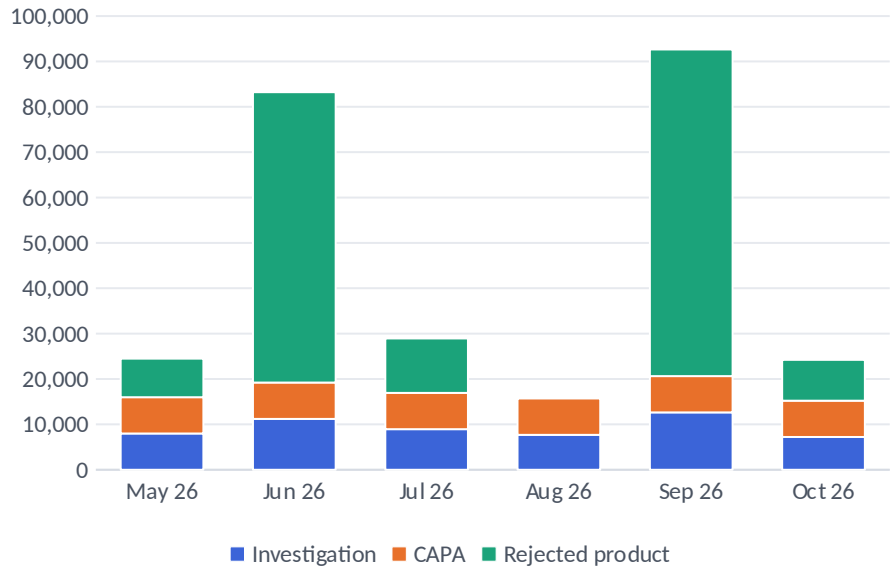
The cost of deviations by month and by area, split into investigation, CAPA and rejected product, and the ones open past target.

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Corvan Biologics, fill-finish (example): 28 deviations, 6 open at 10 Nov 2026. Amounts in USD.

DEVIATIONS	TOTAL COST	COST PER DEVIATION	OPEN PAST TARGET
28	**269,170**	**9,613**	**1**
Rows with a total cost	Investigation + CAPA + rejected	Total / deviations	Open longer than the closure target

Deviation cost by month



Deviation cost by area

