

how many PSM OSHA inspections result in citations

There isn't a straightforward single published figure from OSHA that states *what percentage of PSM (Process Safety Management) inspections result in citations every year* — at least not in the publicly summarized OSHA annual enforcement statistics. OSHA does *collect and publish overall inspection and citation data*, but it doesn't break out a simple national "PSM citation rate" in its general enforcement summaries. OSHA +1

Here's what the available data and research tell us:

OSHA Inspection & Citation Data (General)

- OSHA publishes annual inspection totals but **doesn't publish a specific public statistic** showing how many PSM inspections *specifically* result in citations versus no citations. You can find total inspection counts in the enforcement summaries (e.g., ~34,000 inspections in FY 2023) but not citation rates by standard in that summary data. OSHA +1
- OSHA's **data repository** does allow detailed searches of individual inspections and citations by standard (including PSM), but deriving the rate requires filtering and analysis that isn't summarized in OSHA's general published summaries. OSHA

Academic / Research Insights

There *has been academic research* looking specifically at OSHA PSM inspection outcomes:

- A published study (Luo, 2010) analyzed historical OSHA PSM inspections and found a total of **6,578 citations from 1,277 PSM inspections** conducted between 1992 and 2006 — indicating that **all those inspections produced citations**, since the citation count far exceeds the number of inspections (multiple citations per inspection).

ScienceDirect

- This implies a very high citation rate in that historical dataset — but it's a *specific academic analysis*, not an official OSHA summary.

What This Means in Practice

- OSHA inspections under PSM are **very likely to result in citations if violations are found**, and in practice there tend to be *multiple violations per inspection*. Inspectioneering

- However, OSHA’s publicly posted enforcement summaries do **not provide a direct percentage of PSM inspections that result in at least one citation.**
- To get a precise percentage for a given year (e.g., FY 2023), one would typically need to **analyze OSHA’s raw inspection and citation database** by filtering for PSM-related inspections and then counting how many resulted in citations versus no citations — which OSHA’s enforcement reports don’t do in a simple statistic.

📌 Summary

Source	What It Tells Us
OSHA annual enforcement summaries	Overall inspection totals, but <i>no direct PSM citation rate.</i> <small>OSHA</small>

Academic analysis (1992–2000)	In one dataset of 1,277 PSM inspections, all resulted in citations, with multiple violations per inspection.
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outcomes, but OSHA doesn’t publish a standardized citation rate.

OSHA

In short: OSHA *does not publish a simple national statistic* for how many PSM inspections result in citations. Based on available data and studies, **PSM inspections historically have a very high likelihood of resulting in citations** (often with multiple violations), but calculating an exact current percentage requires detailed data analysis rather than a single reported number. ScienceDirect

If you want, I can help pull or analyze specific OSHA enforcement data to estimate the current PSM citation rate — just let me know the year(s) you’re interested in.

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