

Errata Sheet (August 2024) for the document titled *IRIS Toxicological Review of Formaldehyde (Inhalation) (Final Report)* (CASRN 50-00-0), EPA/635/R-24/162Fa

The table below describes front matter corrections and minor editorial clarifications throughout the document made following publication. No substantive edits (e.g., toxicity values or conclusions) were made. Added text is underlined and deleted text is ~~strikethrough~~.

Page	Erratum
Various	Fix typos (misspellings, font size, style, effects) and callouts (“ Preface Section 2 ”; “Figure 13-21 ”, “ 13-22 ”; “Appendix B.3. 89 ”); clarify judgment terms when not integration judgments (“evidence indicates supports ” and “evidence suggests supports ”); clarify synthesis judgments (“ inadequate indeterminate evidence ”); and clarify domain ratings “ poor deficient ”; “ robust good ”)
xvi	Update Authors, Contributors, Executive Direction, and Production Team: add names; move or remove names; correct educational degrees; and alphabetize.
xxi-xxii	Table ES-2: delete “ medium ” confidence in the animal unit risk estimate; clarify column 4: “ <u>Unadjusted unit risk estimate</u> ” and columns 5 and 6: “ <u>Inhalation unit risk</u> ”; clarify footnote c: “ <u>Results for human extrapolation were based on internal dose metrics and BMRs ≤ 0.01 extra risk..</u> In addition, an RfC for <u>cytotoxicity-induced regenerative cell proliferation</u> , one of the mechanisms contributing to nasal cancer development, specifically cytotoxicity-induced regenerative cell proliferation , was estimated to be between 0.006 and 0.018 mg/m ³ based on calculations using animal data. Specifically, this narrow RfC range was estimated based on candidate RfCs (cRfCs) from a pathology study of hyperplasia, labeling studies of proliferating cells, and BBDR modeling results.”; clarify footnote d: “...not calculated and a level of confidence was not assigned...”; delete from footnote h: “(ADAF-adjusted)”
xxiii	Edit “ 35-40 ≥ 33 µg/m ³ ” (two instances)
xxiv	Delete redundant “(thus, the animal evidence is judged as robust)” in NPC bullet; add “(i.e., <u>robust human evidence</u>)” in myeloid leukemia bullet
xxv-xxvi	Edit “... number of extra cancer cases risk...”; “...was found to be within similar to what would be estimated using any of a tight range...”; “The IUR unit risk estimate for total NPC cancer...”; and “the <u>selected inhalation unit risk estimate</u> ...”
2-2	Figure 2-1 legend: delete “ developing ”; edit “ discussed applied ”; and delete “(see Table IX”
2-8	Delete “ many epidemiological studies ...”
2-10	Delete “ in the 2017 draft ” (two instances)
2-12	Edit “ Based on the There is an extensive database...” and split sentence into two sentences
2-112	Delete “ cancer incidence ” and “ recent dosimetric models ”; edit “ <u>IURs unit risks</u> ”
5-8	Delete “ and scientific ” from footnote b for consistency with Appendix
5-64	Edit “... formaldehyde concentrations tested in these studies <u>were as 6 or 12 mg/m³.</u> ”
5-70	Figure 5-4: add missing blue shading to rows for two cRfCs
5-82, 5-83	Delete “ inhalation unit risk estimates ” from Tables 5-32 and 5-33 titles; edit “the inhalation cancer unit risk for NPC, <u>prior to any age adjustments</u> , is the estimate...”
5-97	Add “Fit to time-to-tumor data <u>with the BBDR approach</u> was superior...” to footnote f.
5-114	Table 5-42: clarify that the PODs based on nasal SCC in rats reflect “95% lower bound on concentration at 0.5% and 1.0% <u>incidence extra risk levels (approx. 0.2 0.33 to 0.46 ppm)</u> ”; correct unit conversion error in ppm risk estimate “(1.1 × 10 ⁻² to 3.12.2 × 10 ⁻² per ppm)”
5-115	Delete “ IUR e Estimated from data that is directly relevant to humans”
5-124	Edit Section 5.2.3 heading “ <u>Selection of Unit Risk Estimate(s) for Derivation</u> ...”; edit Table 5-48 heading “... inhalation unit risk estimates”; add to footnote b “ <u>Range covers only the human extrapolations based on internal doses and BMR’s ≤ 0.01 extra risk levels.</u> ”; edit text “Thus, the <u>unadjusted unit risk estimate</u> used for the IUR...”
5-127	Edit Table 5-50 column 3 header “ <u>Adult-based unit risk</u> ”; edit text “...a lifetime <u>inhalation unit risk (IUR) estimate</u> of 1.1 × 10 ⁻⁵ per µg/m ³ (1.3 × 10 ⁻² per ppm) for based on NPC incidence...”