

# EIM Help - Retirement of Derived Variable Parameters

Version 1.0  
August 2025

## Summary

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As of August 2025, we retired EIM's derived variable parameters. These include summed totals like "PCB, Sum of Congeners" and toxic equivalents like "Dioxins and Furans as 2,3,7,8-TCDD TEQs." See the full list below.

From now on, **submit only the component data to EIM**, like individual PCB congeners.

We did this because derived variables create uncertainty for users by not knowing the factors involved in their calculation including:

- Individual component parameters
- Weighting factors
- Handling of non-detects

Existing derived variable data will remain in EIM. We just aren't taking new data for these parameters.

## Calculate derived variables from EIM data using EDAT

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Ecology has an online tool called EDAT that can calculate derived variables using component data from EIM.

- Public users: [Access EDAT from Ecology's website](#)
- Ecology staff: go TCP's SharePoint page and look for EDAT

## List of Retired Derived Variables

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**Don't submit these parameters to EIM anymore:**

- 2,4-/2,6-dinitrotoluene mixture
- Aroclors
- Benzofluoranthene
- BTEX (total) = Benzene, Toluene, Ethylbenzene, and Xylene
- Butyltins, Total
- Carcinogenic Polycyclic Aromatic Hydrocarbons (CPAH)

- Carcinogenic Polycyclic Aromatic Hydrocarbons as TEQs (CPAH-TEQ)
- Chlorinated dibenzo-p-dioxins
- Chlorinated Dioxins and Furans
- Cresol
- DDT/DDD/DDE, o,p' and p,p' isomers
- DDT/DDD/DDE, p,p' isomers
- Dioxins and Furans as 2,3,7,8-TCDD TEQs
- Extractable Petroleum Hydrocarbons, Total Aliphatics
- Extractable Petroleum Hydrocarbons, Total Aromatics
- High Molecular Weight Polycyclic Aromatic Hydrocarbons (HPAH)
- Low Molecular Weight Polycyclic Aromatic Hydrocarbons (LPAH)
- PBDEs
- PCB, Sum of Aroclors
- PCB, Sum of Congeners
- Phenols
- Phthalates, total
- Polychlorinated terphenyls
- Polycyclic aromatic hydrocarbons (PAH)
- Sum of chlorinated paraffin waxes and hydrocarbon waxes
- Sum of long-chain chloroparaffin
- Sum of meduim-chain chloroparaffin
- Sum of PCBs and PCTs
- Sum of short-chain chloroparaffin
- Total DDT
- Total Xylenes
- Volatile Petroleum Hydrocarbons, Total Aliphatics
- Volatile Petroleum Hydrocarbons, Total Aromatics

## Document Revision History

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Revision Date	Revision No.	Summary of Changes	Reviser(s)
08/22/2025	1.0	Original Document	CN