EEA geospatial data catalogue

WISE statistics - pesticides (1990-2022), 2024

The WISE Statistics - pesticides tables are aggregated products used for the calculation of the annual Freshwater indicator „Pesticides in rivers, lakes and groundwater in Europe“, which is published on the EEA website.

The data tables include pesticide concentration data aggregated by monitoring site and year (annual average). They were reported annually either in disaggregated or aggregated form via WISE-SoE reporting as part of the WISE-6 data flow. Moreover, the tables include data on effect thresholds for pesticides (e.g. Environmental Quality Standards, EQS) used for the calculation of the indicator. In addition, tables are provided with the underlying spatial data and with summary statistics (mean, SD, minimum, maximum and percentiles) of the reported pesticide concentrations per water body category (i.e. surface water, groundwater).

Simple

Identification info

Date (Creation)	2024-06-30
Date (Publication)	2024-12-14
Citation identifier	eea_t_wise-statistics-pesticides-1990-2022_p_2024_v01_r00

Identifier

Code	10.2909/132b9e93-a3b7-4d85-8c51-cc0db779d9a1
Status	Superseded

Point of contact

Organisation	Individual	Electronic mail address	Website	Role
European Environment Agency		sdi@eea.europa.eu	http://www.eea.europa.eu	Point of contact
European Environment Agency		sdi@eea.europa.eu		Custodian

Topic category	• Environment

Extent

Temporal extent

Time period	1990-01-01 2022-12-31
Maintenance and update frequency	Annually
GEMET	• water statistics • environmental policy
Continents, countries, sea regions of the world.	• EEA38 (from 2020)
Reporting obligations	• WISE SoE - Water quality (WISE-6)
EEA Management Plan	• 2023 1.1.2
EEA topics	• Water

Resource constraints

Use constraints	Other restrictions
Other constraints	License CC-BY 4.0 (https://creativecommons.org/licenses/by/4.0/). Copyright holder: European Environment Agency (EEA).
Language	English

Distribution Information

Distribution format	• ascii (.csv, .txt, .sql)
OnLine resource	Pesticides - WISE6_AggregatedData_Pesticides_Statistics
OnLine resource	Pesticides - AggregatedData_Pesticides
OnLine resource	Pesticides - AncillaryData_Pesticides
OnLine resource	SpatialData_Country
OnLine resource	SpatialData_MonitoringSite
OnLine resource	SpatialData_SpatialUnit
OnLine resource	SpatialData_WaterBody
OnLine resource	EEA Indicator: Pesticides in rivers, lakes and groundwater in Europe
OnLine resource	

Resource lineage

Statement	The WISE Statistics - pesticides tables are compiled from data reported as part of the annual WISE SoE - WISE-6 data flow. The processing is revised and carried out annually. The WISE-6 data are automatically quality checked (QC) beforehand (see section "WISE-6 and QC" below). The aggregated products are then used to calculate the annual freshwater indicator "Pesticides in rivers, lakes and groundwater in Europe", which is published on the EEA website. *WISE-6 and QC:* The reporting of WISE 6 data is done on the reportnet 3 platform, see https://reportnet.europa.eu/public/dataflow/1319. The reported data is subjected to automatic QC upon delivery. A copy of the QC tests can be found here: https://cdr.eionet.europa.eu/help/WISE_SoE/wise6/WISE6_RN3_QC_tests_2024 and the ObservedProperty QC reference table here: https://cdr.eionet.europa.eu/help/WISE_SoE/wise6/WISE6_ObservedProperty_QC_reference.xlsx . The data is used for indicators are also subjected to expert QC. The quality controlled data is published as Waterbase – Water Quality ICM in the EEA Datahub. *Indicator processing:* A detailed description to develop the pesticides indicator (including QC) is provided in an ETC/ICM technical paper (Reference: ETC /ICM, 2022, 'Indicator on pesticides in rivers, lakes and groundwater: Annex to the methodology', https://forum.eionet.europa.eu/nrc-eionet-freshwater/library/pesticides-water/indicator-pesticides-rivers-lakes-and-groundwater-1/2022) *Tables description:* Pesticides – AggregatedData_Pesticides: Pesticide concentration data aggregated by monitoring site and year (annual average) reported annually either in disaggregated or aggregated form via WISE-SoE reporting as part of the WISE-6 data flow. Information per annual average data record on whether the effect threshold has been exceeded (TRUE/FALSE). Pesticides – AncillaryData_Pesticides: Data on the effects of pesticides (e.g. environmental quality standards) used to assess whether a concentration is exceeded at a monitoring site for a particular pesticide at which effects on the aquatic environment cannot be excluded. All files named „SpatialData…“: spatial data per country, water body and spatial unit for WISE6 data.

	Pesticides – WISE6_AggregatedData_Pesticides_Statistics: Summary statistics (e.g., mean, SD, minimum, maximum and percentiles) of the reported pesticide concentrations per water body category (i.e. surface water, groundwater).
Hierarchy level	Dataset

Metadata

Metadata identifier	132b9e93-a3b7-4d85-8c51-cc0db779d9a1
Language	English
Character encoding	UTF8

Contact

Organisation	Individual	Electronic mail address	Website	Role
European Environment Agency		sdi@eea.europa.eu		Point of contact

Type of resource

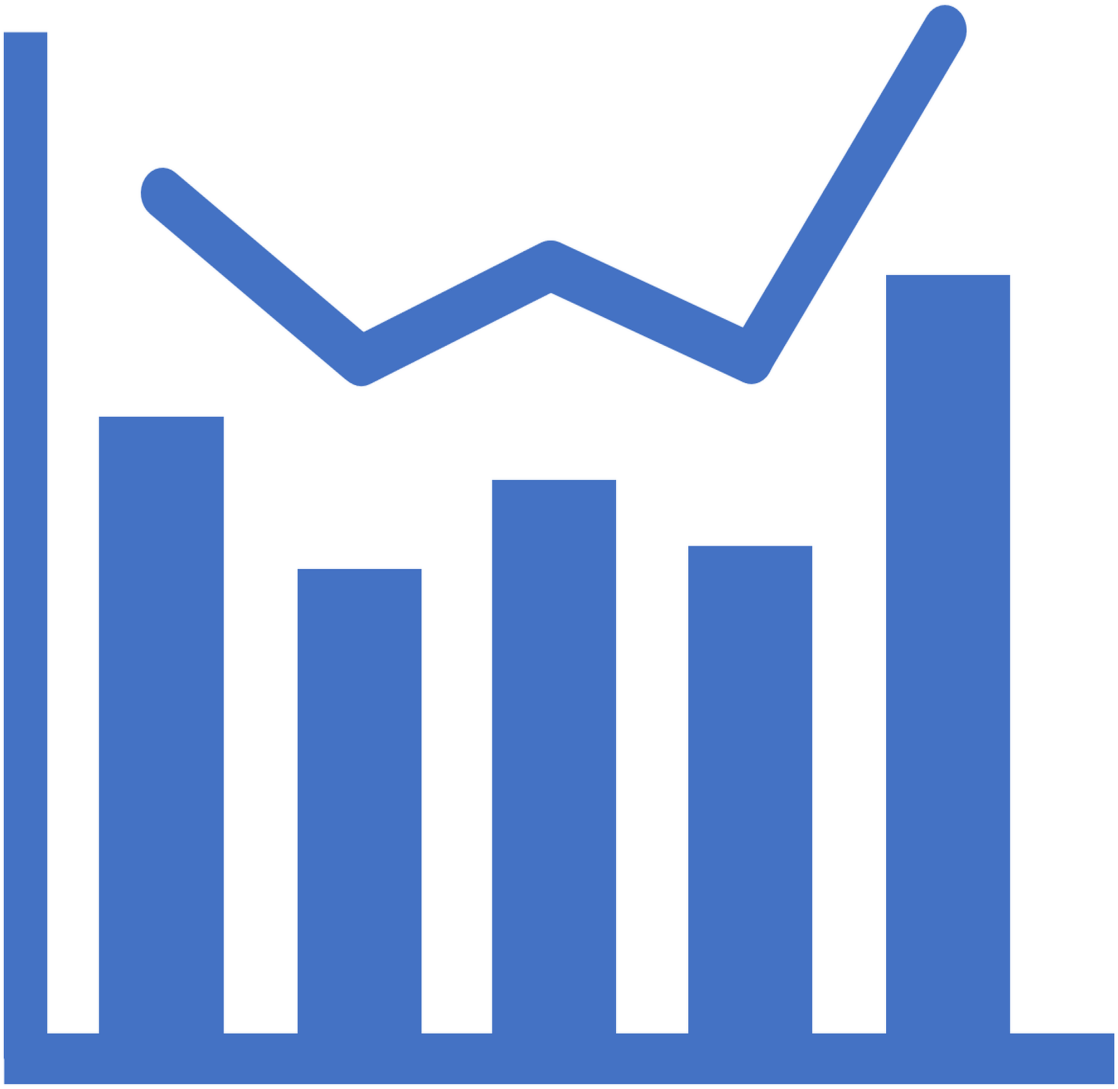
Resource type	Non geographic dataset
Name	Tabular dataset

Metadata linkage	https://doi.org/10.2909/132b9e93-a3b7-4d85-8c51-cc0db779d9a1
Date info (Creation)	2024-12-12T13:03:59.233719Z
Date info (Revision)	2026-09-25T11:17:49.77873Z

Metadata standard

Title	ISO 19115/19139
Edition	1.0

Overviews



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