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## Dataset Information:

<b>Title</b>	<b>Agri-environmental indicators—Pesticides</b>
<b>Abstract</b>	The Agri-environmental Indicators—Pesticides domain provides information on the agricultural use of total active ingredients in pesticides per area of cropland. Data for the indicator “Use per area of cropland” are available at country level, with regional and global aggregations and for the period 1990 to 2018.
<b>Supplemental</b>	Data in FAOSTAT Agri-environmental Indicators—Pesticides are estimated by FAO and may not coincide with data reported by member countries to relevant international processes. They are intended primarily as an analytical tool and a useful international reference.
<b>International Standards</b>	The indicator <i>Use per area of cropland</i> is computed with FAOSTAT data that are compliant with the System of Environmental-Economic Accounting Central Framework (SEEA CF), the System of Environmental-Economic Accounting for Agriculture Forestry and Fisheries (SEEA AFF), and the Framework for the Development of Environmental Statistics (FDES 2013). See metadata for Inputs <a href="#">Pesticides Use</a> and <a href="#">Land Use</a> .
<b>Creation Date</b>	2011
<b>Last Update</b>	2020
<b>Data Type</b>	Agri-environmental indicators
<b>Category</b>	Agriculture; Environment
<b>Time Period</b>	1990 – 2018
<b>Periodicity</b>	Annual
<b>Geographical Coverage</b>	World
<b>Spatial Unit</b>	Country
<b>Language</b>	Multilingual (EN, FR, ES)

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## Methodology and Quality Information:

<b>Methods</b>	<p>The indicator <i>Use per area of cropland</i> is calculated as:</p> $U_{(C,Y)} = \frac{PT_{(C,Y)}}{Area_{(C,Y)}}$ <p>Where:</p> <p><math>U_{(C,Y)}</math> Use per area of cropland in country <i>C</i> and year <i>Y</i> (in kg/ha)</p> <p><math>PT_{(C,Y)}</math> Pesticides (in total active ingredients) in country <i>C</i> and year <i>Y</i> (in tonnes)</p>
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$Area_{(C,Y)}$  Cropland area (corresponding to the sum of Arable land and Permanent crops) in country *C* and year *Y* (in 1 000 ha)

Pesticides (total) is the sum of active ingredients in the following categories of pesticides: Fungicides & Bactericides, Herbicides, Insecticides, Plant Growth Regulators, Seed Treatment Fungicides, Seed Treatment Insecticides, Mineral Oils, Rodenticides, and Disinfectants and Other pesticides, *nes* (not elsewhere specified).

#### **Data sources**

Data used in the calculations of this agro-environmental indicator are sourced from other FAOSTAT domains. Namely, the domain [Inputs – Pesticides Use](#) (RP) is the source of information used as nominator in calculations. Cropland area values that are used as denominator in calculations are derived from the domain [Inputs - Land Use](#) (RL). Trends in the derived agro-environmental indicator are thus directly associated with the underlying data sources.

#### **Note**

Data for the following territories and years are currently not displayed because quality checks are being conducted on their data series:

Area Code	Area	Year	Area Code	Area	Year
48	Costa Rica	2000	17	Bermuda	1997
12	Bahamas	1990	17	Bermuda	1998
12	Bahamas	1991	17	Bermuda	1999
12	Bahamas	1992	17	Bermuda	2000
12	Bahamas	1993	17	Bermuda	2001
12	Bahamas	1994	17	Bermuda	2002
12	Bahamas	1995	17	Bermuda	2003
12	Bahamas	1996	17	Bermuda	2004
12	Bahamas	1997	17	Bermuda	2005
12	Bahamas	1998	17	Bermuda	2006
12	Bahamas	1999	17	Bermuda	2007
12	Bahamas	2000	17	Bermuda	2008
132	Maldives	2014	17	Bermuda	2009
132	Maldives	2015	17	Bermuda	2010
132	Maldives	2016	17	Bermuda	2011
132	Maldives	2017	17	Bermuda	2012
132	Maldives	2018	17	Bermuda	2013
14	Barbados	1995	17	Bermuda	2014
17	Bermuda	1990	17	Bermuda	2015
17	Bermuda	1991	17	Bermuda	2016
17	Bermuda	1992	17	Bermuda	2017
17	Bermuda	1993	17	Bermuda	2018
17	Bermuda	1994	220	Trinidad and Tobago	2010
17	Bermuda	1995	220	Trinidad and Tobago	2012
17	Bermuda	1996			

**Data Collection  
Method**

Computed

<b>Completeness</b>	100%
<b>Useful links</b>	<a href="http://www.fao.org/faostat/en/#data/RP">http://www.fao.org/faostat/en/#data/RP</a> <a href="http://www.fao.org/faostat/en/#data/RL">http://www.fao.org/faostat/en/#data/RL</a>
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<b>Citation</b>	FAO, 2020. FAOSTAT, Agri-environmental Indicators / Pesticides. Available at <a href="http://www.fao.org/faostat/en/#data/EP">http://www.fao.org/faostat/en/#data/EP</a>
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