User guide to the emission data viewer

The emission data viewer is an interactive web pivot table/chart page. There are three sectoral levels available:

- NFR, which is the most detailed sectoral breakdown corresponding to the reporting categories
- GNFR, which is more aggregated and is the nomenclature used for gridded emission data
- Sector, which is the most aggregated usually suitable for graphical presentation of data

You can select which fields you want for columns and rows, filter all fields, and you can select which data you want to view; table, line chart, etc.

The user interface

The numbers in the following guide refer to the figure below.

1) Select the view; table, charts and export. Table is default.
2) Select the aggregation. In the emission data viewer, it is always an aggregation of emission values. Sum is default.
3) Select field for aggregation. In the emission data viewer the emission field is the relevant field. Emission is default.
4) Sorting; be aware that this function is not working correct in all settings.
5) Drag fields to be shown as rows to this area.
6) Drag fields not to be shown in the table to this area.
7) Drag fields to shown as columns to this area.
8) The result of your choices are shown here.

Important information about filtering:

As default, the field "Polluntant_Unit" is filtered to show only "NOx kt".

To change to another pollutant, click the combo box arrow of the Polluntant_Unit field to select another pollutant. Be aware, that it is not meaningful to select more than one pollutant if the pollutant field is removed from the pivot (section 6 in the user interface), even it is possible.

When a field is filtered, the name of the field is shown in cursive.

Exporting data

Select "TSV Export" in section 1 in the user interface

Select the result and copy to e.g. Excel.

Emission data

The value 0.00 in the emission data viewer indicate that the emission is < 0.005. The exact emission value will be included when using the TSV Export function.
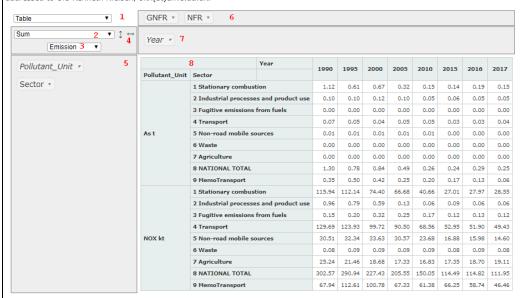
No data in the emission data viewer indicate that the specific sector-pollutant combination is not applicable.

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Please cite as: Danish Emission Inventories, DCE – Danish Centre for Environment and Energy, Aarhus University. Any questions related to the data can be addressed to Ole-Kenneth Nielsen, okn(at)envs.au.dk.

Table ▼ 1	GNFR ▼ NFR ▼ 6
Sum ▼ 2 ↕ ↔ 4	Year ▼ 7
Emission 3 ▼	

| Pollutant_Unit ▼ 5 | | Year | | | | | | | | |
Pollutant_Unit	Sector		1990	1995	2000	2005	2010	2015	2016	2017
As t	1 Stationary combustion		1.12	0.61	0.67	0.32	0.15	0.14	0.19	0.15
	2 Industrial processes and product use		0.10	0.10	0.12	0.10	0.05	0.06	0.05	0.05
	3 Fugitive emissions from fuels		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	4 Transport		0.07	0.05	0.04	0.05	0.05	0.03	0.03	0.04
	5 Non-road mobile sources		0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
	6 Waste		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	7 Agriculture		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	8 NATIONAL TOTAL		1.30	0.78	0.84	0.49	0.26	0.24	0.29	0.25
	9 MemoTransport		0.35	0.50	0.42	0.25	0.20	0.17	0.13	0.06
NOX kt	1 Stationary combustion		115.94	112.14	74.40	66.68	40.66	27.01	27.97	28.55
	2 Industrial processes and product use		0.96	0.79	0.59	0.13	0.06	0.09	0.06	0.06
	3 Fugitive emissions from fuels		0.15	0.20	0.32	0.25	0.17	0.12	0.13	0.12
	4 Transport		129.69	123.93	99.72	90.50	68.56	52.95	51.90	49.43
	5 Non-road mobile sources		30.51	32.34	33.63	30.57	23.68	16.88	15.98	14.60
	6 Waste		0.08	0.09	0.09	0.09	0.09	0.08	0.09	0.08
	7 Agriculture		25.24	21.46	18.68	17.33	16.83	17.35	18.70	19.11
	8 NATIONAL TOTAL		302.57	290.94	227.43	205.55	150.05	114.49	114.82	111.95
	9 MemoTransport		67.94	112.61	100.78	67.33	61.38	66.25	58.74	46.46

Sector ▼

The data in this viewer corresponds to Denmark's submission due 15 February 2019 to the UNECE and the European Commission.

The official submission can be downloaded from The Eionet Central Data Repository

More information on the Danish air emission inventories can be found in the Informative Inventory Report. The latest version corresponding to the data presented here is published as DCE Scientific Report no. 313 and are available through the following link: https://dce2.au.dk/pub/SR313.pdf