

3.2.a Emissions of air pollutants

	Sulphur dioxide	Nitrogen oxides	Ammonia	Volatile organic compounds	Particulate matter (PM _{2.5})
Emissions of air pollutants, in 1,000 tonnes					
2010	402.8	1,445.2	614.4	1,361.5	118.8
2011	386.7	1,419.4	618.0	1,272.5	114.2
2012	368.3	1,410.8	624.6	1,256.7	112.7
2013	356.7	1,410.0	631.7	1,212.3	110.9
2014	335.3	1,365.0	640.3	1,173.7	103.1
2015	333.8	1,342.5	638.7	1,147.3	102.4
2016	309.3	1,314.7	635.0	1,140.9	96.6
2017	300.8	1,263.8	619.8	1,145.4	95.5
2018	289.5	1,179.5	593.8	1,098.8	94.5
2019	259.5	1,105.5	575.0	1,072.2	89.9
2020	232.6	977.6	537.2	1,035.9	81.2

Note:

Air pollutants: Sulphur dioxide (SO₂), nitrogen oxides (NO_x), ammonia (NH₃), non-methane volatile organic compounds (NMVOC) and particulate matter (PM_{2.5}).

Data source:

German Environment Agency

Emission by emitters

	Sulphur dioxide		Nitrogen oxides		Ammonia	NMVOC	Particulate matter (PM _{2.5})		
	Energy sector	Transport sector	Energy sector	Transport sector	Agriculture	Industrial sector	Transport sector	Households and other small-scale consumers	Industrial sector
in % of the respective air pollutant									
2010	57.1	0.9	20.5	48.5	94.3	55.8	28.6	30.8	20.7
2011	59.0	0.7	21.1	48.5	94.9	53.9	28.5	28.1	22.7
2012	63.1	0.8	22.4	47.5	95.2	54.5	27.3	29.5	22.3
2013	63.7	0.8	22.4	47.5	95.4	52.9	26.6	30.2	22.7
2014	62.5	0.9	22.3	47.5	95.6	52.4	27.8	25.7	24.7
2015	59.1	0.6	22.2	46.8	95.8	51.3	26.9	26.5	24.8
2016	58.1	0.6	22.4	45.9	95.7	51.9	27.5	25.9	23.9
2017	57.0	0.7	22.2	45.2	95.4	52.6	26.8	25.9	25.0
2018	57.1	0.7	23.2	43.7	95.4	51.8	26.0	25.3	26.9
2019	54.1	0.8	21.6	43.5	95.4	51.0	26.7	25.8	25.8
2020	52.4	0.7	21.9	39.9	95.4	51.4	26.5	26.9	25.9

Note:

NMVOC: Non-methane volatile organic compounds.

Data source:

German Environment Agency