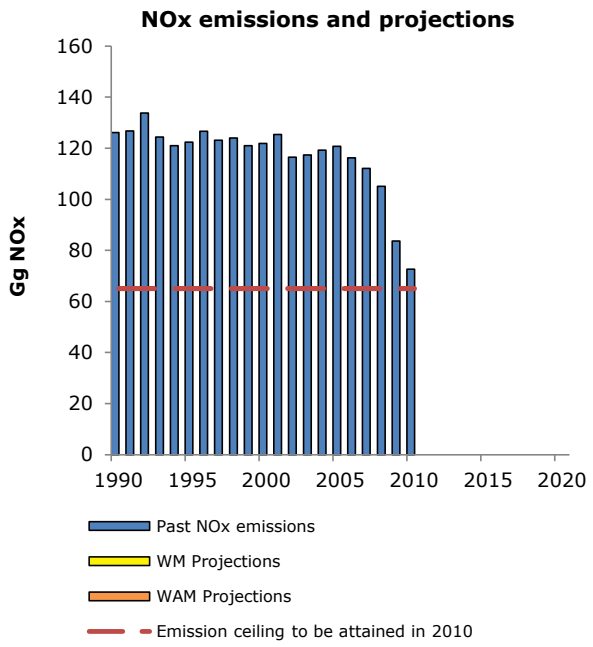
NOx emission trends and projections in Ireland

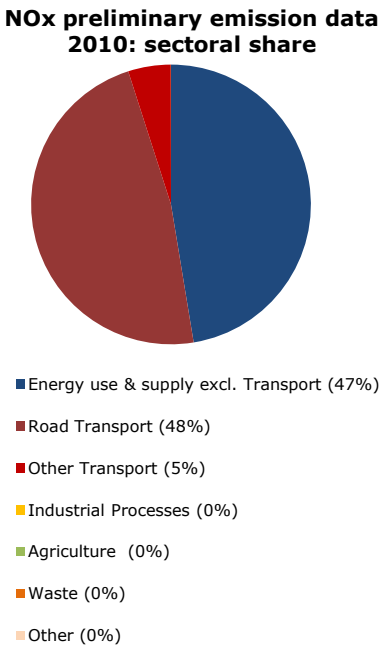
NOx emission profile

Key data	Value	Unit	Rank in EU-27*
Total NOx emissions 1990	126.1	(Gg)	11 (14)
Total NOx preliminary emission data 2010	72.6	(Gg)	20 (27)
NOx preliminary emission data in 2010 per capita	16.3	(kg/cap.)	21 (27)
NOx preliminary emission data per GDP in 2010	0.5	(g/PPP)	26 (27)
Share of NOx in EU-27 in 2010	0.8	%	

Progress towards ceiling

Current and projected progress towards ceiling	Value	Unit	
2010 Emission ceiling	65	(Gg)	
2015 WM projections	NE	(Gg)	
2020 WM projections	NE	(Gg)	
	Absolute	**Unit**	**Relative (%)**
Distance of preliminary 2010 emission data to NOx emission ceiling in 2010	7.6	(Gg)	11.7





NOx trends

Trend of total NOx emissions	Absolute	Unit	Relative (%)
Trend of total NOx emissions, 2009-2010	- 11.1	(Gg)	-13.2
Trend of total NOx emissions, 1990-2010	- 53.5	(Gg)	-42.4
Trend of NOx emissions per capita, 2000-2010	-16.0	(kg/cap.)	-49.6
Trend of NOx emissions per GDP, 2000-2010	-0.8	(g/PPP)	-59.1

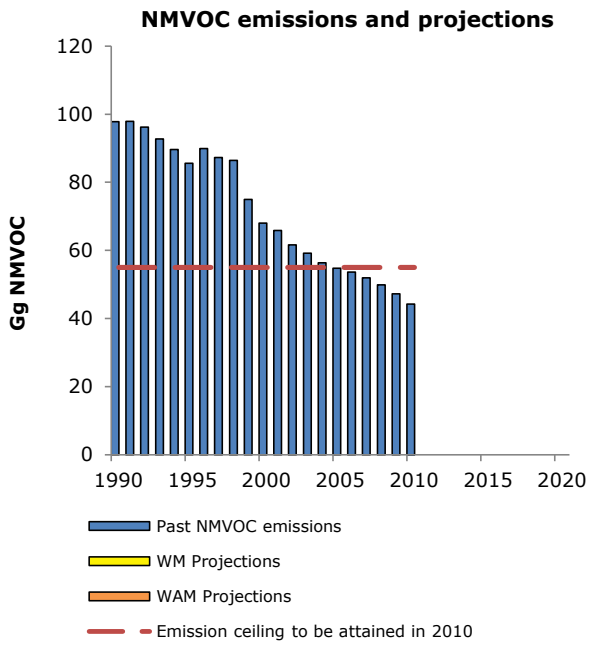
** 1 = highest value; the number in brackets shows the number of Member States that reported data.*

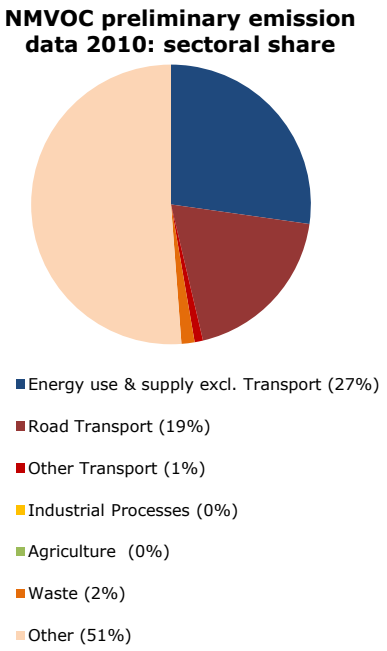
GDP data from Eurostat http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home accessed: 30.05.2012
Population data from Eurostat http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home accessed: 30.05.2012

NMVOC emission trends and projections in Ireland

NMVOC emission profile	Key data	Value	Unit	Rank in EU-27*
	Total NMVOC emissions 1990	97.8	(Gg)	12 (14)
	Total NMVOC preliminary emission data 2010	44.2	(Gg)	22 (27)
	NMVOC preliminary emission data in 2010 per capita	9.9	(kg/cap.)	24 (27)
	NMVOC preliminary emission data per GDP in 2010	0.3	(g/PPP)	24 (27)
	Share of NMVOC in EU-27 in 2010	0.6	%	

Progress towards ceiling	Current and projected progress towards ceiling	Value	Unit	
	2010 Emission ceiling	55	(Gg)	
	2015 WM projections	NE	(Gg)	
	2020 WM projections	NE	(Gg)	
		Absolute	**Unit**	**Relative (%)**
	Distance of preliminary 2010 emission data to NMVOC emission ceiling in 2010	- 10.8	(Gg)	- 19.6





NMVOC trends	Trend of total NMVOC emissions	Absolute	Unit	Relative (%)
	Trend of total NMVOC emissions, 2009-2010	- 3.0	(Gg)	-6.4
	Trend of total NMVOC emissions, 1990-2010	- 53.6	(Gg)	-54.8
	Trend of NMVOC emissions per capita, 2000-2010	-8.1	(kg/cap.)	-45.0
	Trend of NMVOC emissions per GDP, 2000-2010	-0.4	(g/PPP)	-55.4

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GDP data from Eurostat http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home accessed: 30.05.2012
Population data from Eurostat http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home accessed: 30.05.2012

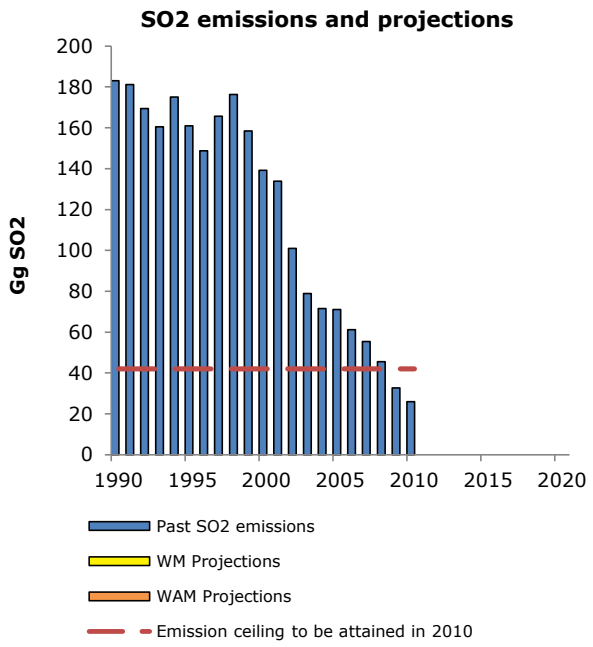
SO2 emission trends and projections in Ireland

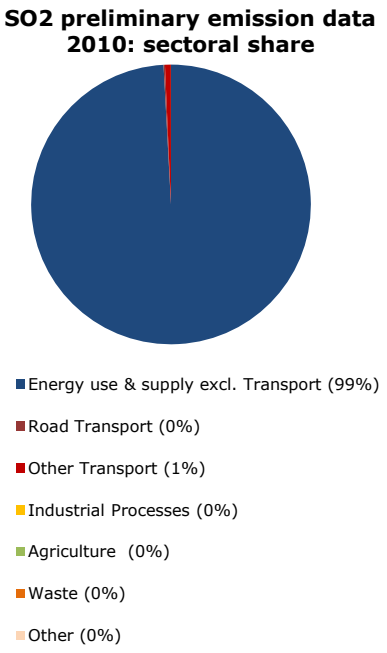
SO2 emission profile

Key data	Value	Unit	Rank in EU-27*
Total SO2 emissions 1990	183.1	(Gg)	9 (14)
Total SO2 preliminary emission data 2010	25.9	(Gg)	20 (27)
SO2 preliminary emission data in 2010 per capita	5.8	(kg/cap.)	16 (27)
SO2 preliminary emission data per GDP in 2010	0.2	(g/PPP)	20 (27)
Share of SO2 in EU-27 in 2010	0.6	%	

Progress towards ceiling

Current and projected progress towards ceiling	Value	Unit	
2010 Emission ceiling	42	(Gg)	
2015 WM projections	NE	(Gg)	
2020 WM projections	NE	(Gg)	
	Absolute	**Unit**	**Relative (%)**
Distance of preliminary 2010 emission data to SO2 emission ceiling in 2010	- 16.1	(Gg)	- 38.4





SO2 trends

Trend of total SO2 emissions	Absolute	Unit	Relative (%)
Trend of total SO2 emissions, 2009-2010	- 6.8	(Gg)	-20.7
Trend of total SO2 emissions, 1990-2010	- 157.2	(Gg)	-85.9
Trend of SO2 emissions per capita, 2000-2010	-31.0	(kg/cap.)	-84.3
Trend of SO2 emissions per GDP, 2000-2010	-1.3	(g/PPP)	-87.2

** 1 = highest value; the number in brackets shows the number of Member States that reported data.*

GDP data from Eurostat http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home accessed: 30.05.2012
Population data from Eurostat http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home accessed: 30.05.2012

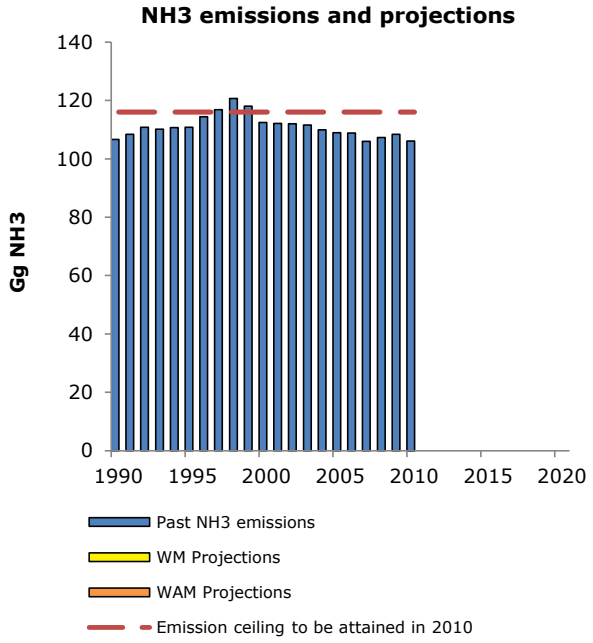
NH3 emission trends and projections in Ireland

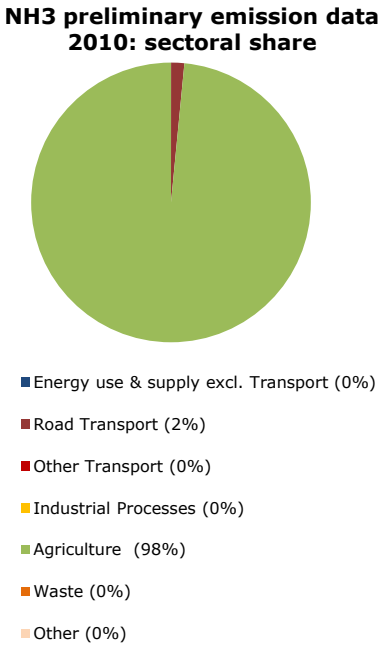
NH3 emission profile

Key data	Value	Unit	Rank in EU-27*
Total NH3 emissions 1990	106.6	(Gg)	5 (14)
Total NH3 preliminary emission data 2010	106.1	(Gg)	9 (27)
NH3 preliminary emission data in 2010 per capita	23.7	(kg/cap.)	1 (27)
NH3 preliminary emission data per GDP in 2010	0.8	(g/PPP)	1 (27)
Share of NH3 in EU-27 in 2010	3.0	%	

Progress towards ceiling

Current and projected progress towards ceiling	Value	Unit	
2010 Emission ceiling	116	(Gg)	
2015 WM projections	NE	(Gg)	
2020 WM projections	NE	(Gg)	
	Absolute	**Unit**	**Relative (%)**
Distance of preliminary 2010 emission data to NH3 emission ceiling in 2010	- 9.9	(Gg)	- 8.5





NH3 trends

Trend of total NH3 emissions	Absolute	Unit	Relative (%)
Trend of total NH3 emissions, 2009-2010	- 2.2	(Gg)	-2.1
Trend of total NH3 emissions, 1990-2010	- 0.5	(Gg)	-0.5
Trend of NH3 emissions per capita, 2000-2010	-6.0	(kg/cap.)	-20.3
Trend of NH3 emissions per GDP, 2000-2010	-0.4	(g/PPP)	-35.3

** 1 = highest value; the number in brackets shows the number of Member States that reported data.*

GDP data from Eurostat http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home accessed: 30.05.2012
Population data from Eurostat http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home accessed: 30.05.2012