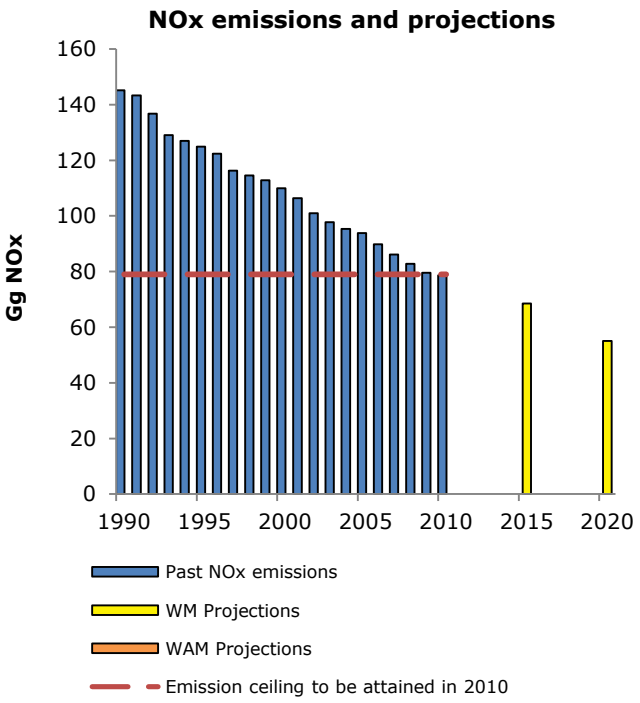
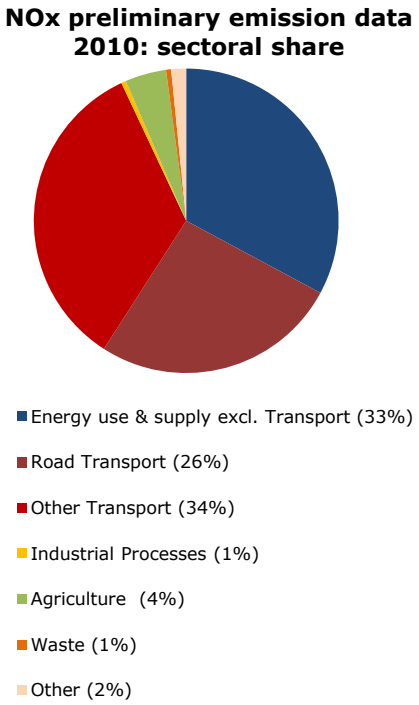
NOx emission trends and projections in Switzerland

NOx emission profile	Key data	Value	Unit	
	Total NOx emissions 1990	145.1	(Gg)	
	Total NOx preliminary emission data 2010	78.7	(Gg)	
	NOx preliminary emission data in 2010 per capita	10.1	(kg/cap.)	
	NOx preliminary emission data per GDP in 2010	0.3	(g/PPP)	
	Share of NOx in EU-27 in 2010	NA	%	
Progress towards ceiling	**Current and projected progress towards ceiling**	**Value**	**Unit**	
	2010 Emission ceiling	79	(Gg)	
	2015 WM projections	68.5	(Gg)	
	2020 WM projections	55.1	(Gg)	
		Absolute	**Unit**	**Relative (%)**
	Distance of preliminary 2010 emission data to NOx emission ceiling in 2010	- 0.3	(Gg)	- 0.4





NOx trends	Trend of total NOx emissions	Absolute	Unit	Relative (%)
	Trend of total NOx emissions, 2009-2010	- 0.8	(Gg)	-1.0
	Trend of total NOx emissions, 1990-2010	- 66.4	(Gg)	-45.8
	Trend of NOx emissions per capita, 2000-2010	-5.2	(kg/cap.)	-34.1
	Trend of NOx emissions per GDP, 2000-2010	-0.3	(g/PPP)	-49.2

** 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

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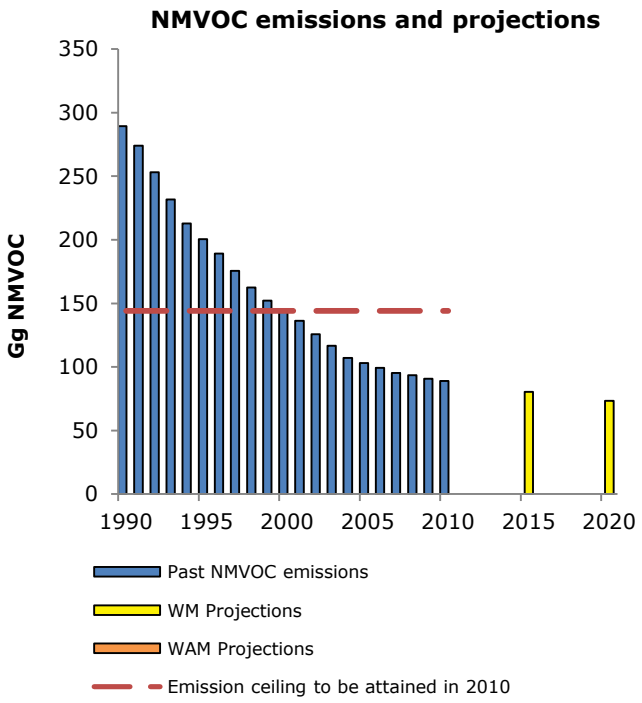
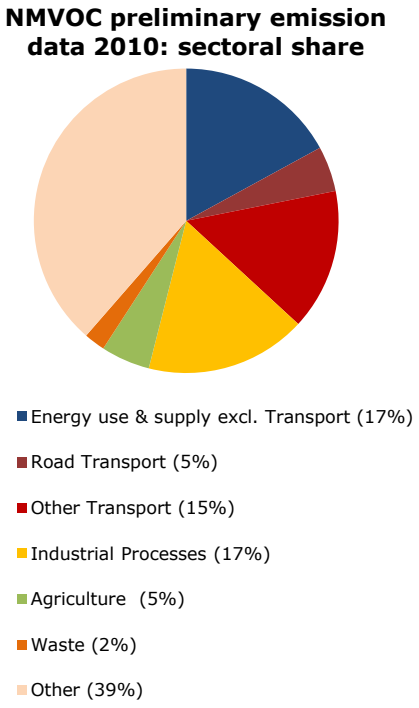
NMVOC emission trends and projections in Switzerland

NMVOC emission profile	Key data	Value	Unit
	Total NMVOC emissions 1990	289.3	(Gg)
	Total NMVOC preliminary emission data 2010	89.0	(Gg)
	NMVOC preliminary emission data in 2010 per capita	11.4	(kg/cap.)
	NMVOC preliminary emission data per GDP in 2010	0.3	(g/PPP)
	Share of NMVOC in EU-27 in 2010	NA	%

Progress towards ceiling	Current and projected progress towards ceiling	Value	Unit	
	2010 Emission ceiling	144	(Gg)	
	2015 WM projections	80.4	(Gg)	
	2020 WM projections	73.2	(Gg)	
		Absolute	**Unit**	**Relative (%)**
	Distance of preliminary 2010 emission data to NMVOC emission ceiling in 2010	- 55.0	(Gg)	- 38.2





NMVOC trends	Trend of total NMVOC emissions	Absolute	Unit	Relative (%)
	Trend of total NMVOC emissions, 2009-2010	- 1.6	(Gg)	-1.8
	Trend of total NMVOC emissions, 1990-2010	- 200.3	(Gg)	-69.2
	Trend of NMVOC emissions per capita, 2000-2010	-8.7	(kg/cap.)	-43.1
	Trend of NMVOC emissions per GDP, 2000-2010	-0.4	(g/PPP)	-56.1

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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

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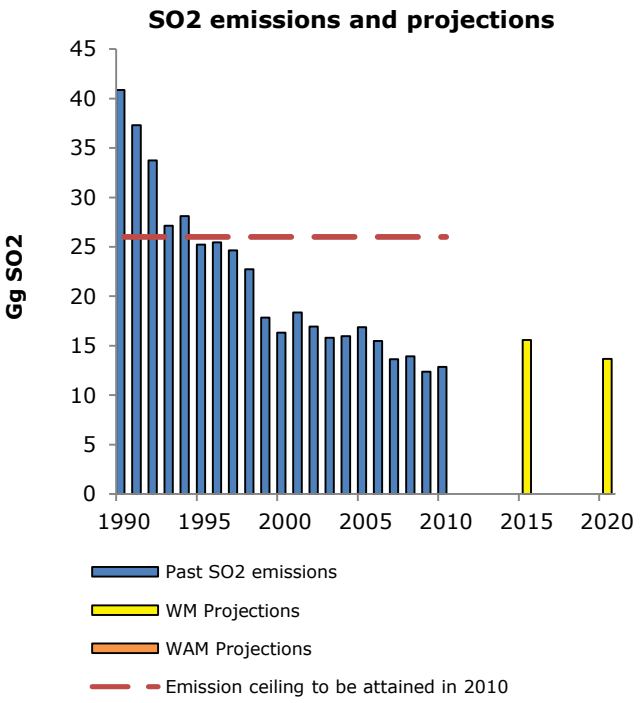
SO2 emission trends and projections in Switzerland

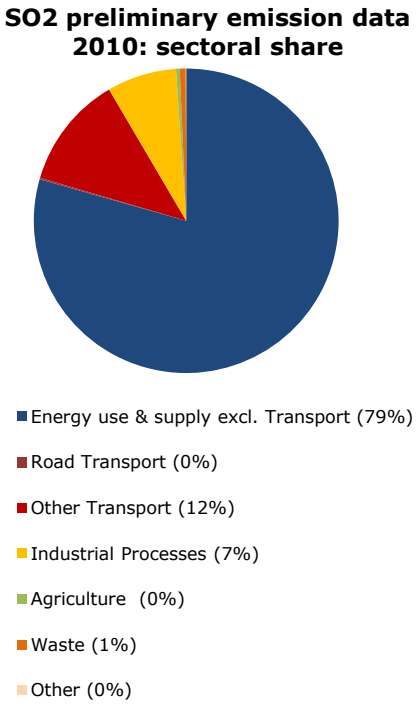
SO2 emission profile

Key data	Value	Unit
Total SO2 emissions 1990	40.8	(Gg)
Total SO2 preliminary emission data 2010	12.9	(Gg)
SO2 preliminary emission data in 2010 per capita	1.7	(kg/cap.)
SO2 preliminary emission data per GDP in 2010	0.0	(g/PPP)
Share of SO2 in EU-27 in 2010	NA	%

Progress towards ceiling

Current and projected progress towards ceiling	Value	Unit	
2010 Emission ceiling	26	(Gg)	
2015 WM projections	15.6	(Gg)	
2020 WM projections	13.7	(Gg)	
	Absolute	**Unit**	**Relative (%)**
Distance of preliminary 2010 emission data to SO2 emission ceiling in 2010	- 13.1	(Gg)	- 50.5





SO2 trends

Trend of total SO2 emissions	Absolute	Unit	Relative (%)
Trend of total SO2 emissions, 2009-2010	0.5	(Gg)	3.9
Trend of total SO2 emissions, 1990-2010	- 28.0	(Gg)	-68.5
Trend of SO2 emissions per capita, 2000-2010	-0.6	(kg/cap.)	-27.5
Trend of SO2 emissions per GDP, 2000-2010	0.0	(g/PPP)	-44.1

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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

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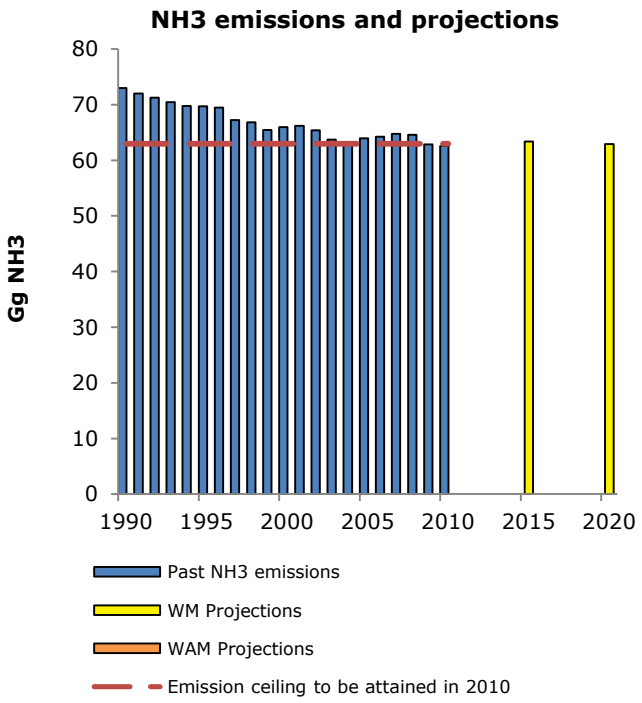
NH3 emission trends and projections in Switzerland

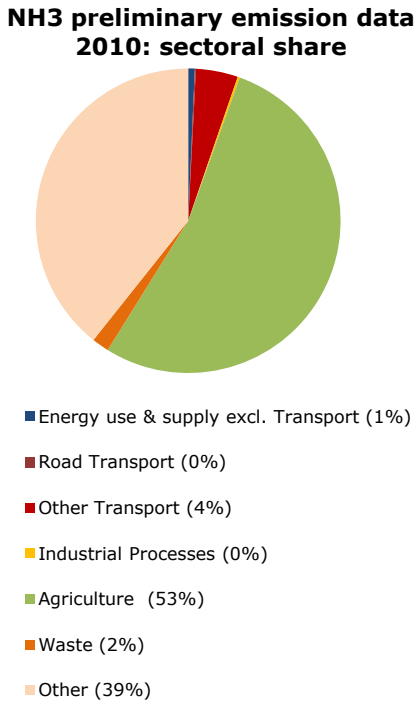
NH3 emission profile

Key data	Value	Unit
Total NH3 emissions 1990	73.0	(Gg)
Total NH3 preliminary emission data 2010	62.6	(Gg)
NH3 preliminary emission data in 2010 per capita	8.0	(kg/cap.)
NH3 preliminary emission data per GDP in 2010	0.2	(g/PPP)
Share of NH3 in EU-27 in 2010	NA	%

Progress towards ceiling

Current and projected progress towards ceiling	Value	Unit	
2010 Emission ceiling	63	(Gg)	
2015 WM projections	63.4	(Gg)	
2020 WM projections	62.9	(Gg)	
	Absolute	**Unit**	**Relative (%)**
Distance of preliminary 2010 emission data to NH3 emission ceiling in 2010	- 0.4	(Gg)	- 0.7





NH3 trends

Trend of total NH3 emissions	Absolute	Unit	Relative (%)
Trend of total NH3 emissions, 2009-2010	- 0.3	(Gg)	-0.4
Trend of total NH3 emissions, 1990-2010	- 10.4	(Gg)	-14.2
Trend of NH3 emissions per capita, 2000-2010	-1.2	(kg/cap.)	-12.7
Trend of NH3 emissions per GDP, 2000-2010	-0.1	(g/PPP)	-32.7

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