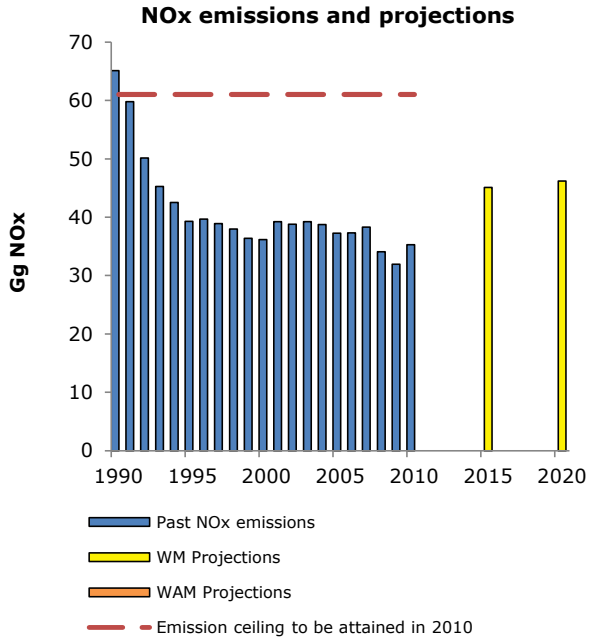
NOx emission trends and projections in Latvia

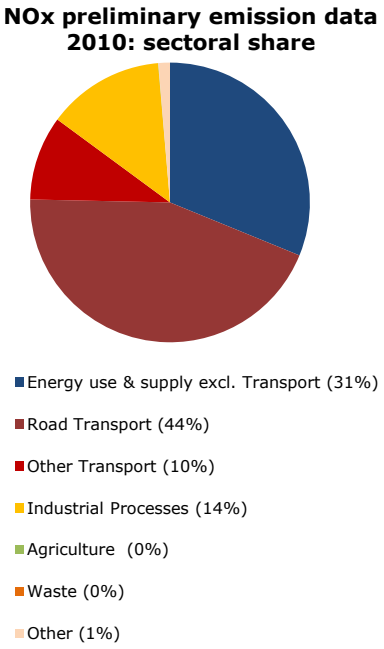
NOx emission profile

Key data	Value	Unit	Rank in EU-27*
Total NOx emissions 1990	65.1	(Gg)	13 (14)
Total NOx preliminary emission data 2010	35.3	(Gg)	24 (27)
NOx preliminary emission data in 2010 per capita	15.7	(kg/cap.)	26 (27)
NOx preliminary emission data per GDP in 2010	1.3	(g/PPP)	5 (27)
Share of NOx in EU-27 in 2010	0.4	%	

Progress towards ceiling

Current and projected progress towards ceiling	Value	Unit	
2010 Emission ceiling	61	(Gg)	
2015 WM projections	45.1	(Gg)	
2020 WM projections	46.2	(Gg)	
	Absolute	**Unit**	**Relative (%)**
Distance of preliminary 2010 emission data to NOx emission ceiling in 2010	- 25.7	(Gg)	- 42.2





NOx trends

Trend of total NOx emissions	Absolute	Unit	Relative (%)
Trend of total NOx emissions, 2009-2010	3.3	(Gg)	10.4
Trend of total NOx emissions, 1990-2010	- 29.8	(Gg)	-45.8
Trend of NOx emissions per capita, 2000-2010	0.5	(kg/cap.)	3.4
Trend of NOx emissions per GDP, 2000-2010	-0.9	(g/PPP)	-42.7

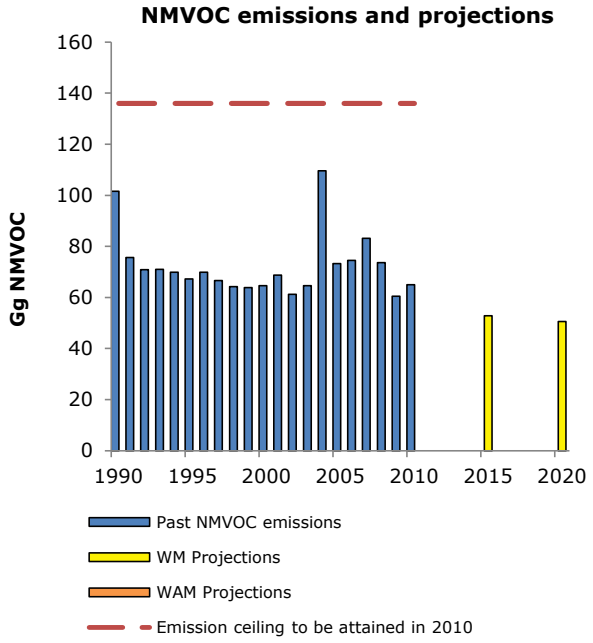
** 1 = highest value; the number in brackets shows the number of Member States that reported data.*

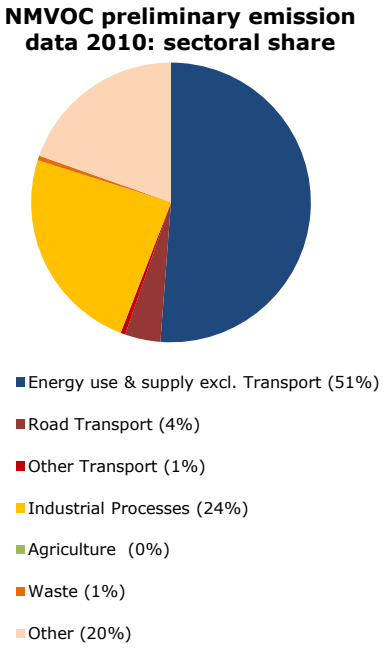
GDP data from Eurostat http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home accessed: 30.05.2012
Population data from Eurostat http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home accessed: 30.05.2012
Latvia did not provide 2015 and 2020 projection data in the 2011 reporting round. Projections reported in 2010 were used above.

NMVOC emission trends and projections in Latvia

NMVOC emission profile	Key data	Value	Unit	Rank in EU-27*
	Total NMVOC emissions 1990	101.5	(Gg)	10 (14)
	Total NMVOC preliminary emission data 2010	65.0	(Gg)	20 (27)
	NMVOC preliminary emission data in 2010 per capita	28.9	(kg/cap.)	1 (27)
	NMVOC preliminary emission data per GDP in 2010	2.3	(g/PPP)	1 (27)
	Share of NMVOC in EU-27 in 2010	0.9	%	

Progress towards ceiling	Current and projected progress towards ceiling	Value	Unit	
	2010 Emission ceiling	136	(Gg)	
	2015 WM projections	52.9	(Gg)	
	2020 WM projections	50.6	(Gg)	
		Absolute	**Unit**	**Relative (%)**
	Distance of preliminary 2010 emission data to NMVOC emission ceiling in 2010	- 71.0	(Gg)	- 52.2





NMVOC trends	Trend of total NMVOC emissions	Absolute	Unit	Relative (%)
	Trend of total NMVOC emissions, 2009-2010	4.5	(Gg)	7.4
	Trend of total NMVOC emissions, 1990-2010	- 36.5	(Gg)	-36.0
	Trend of NMVOC emissions per capita, 2000-2010	1.8	(kg/cap.)	6.6
	Trend of NMVOC emissions per GDP, 2000-2010	-1.6	(g/PPP)	-40.9

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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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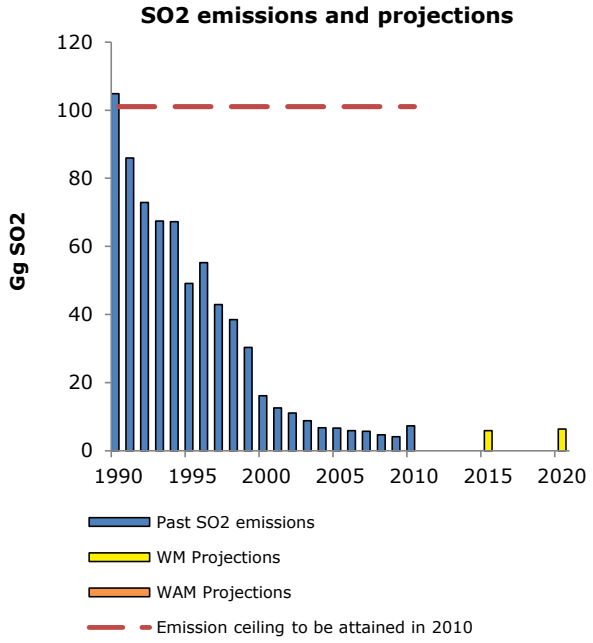
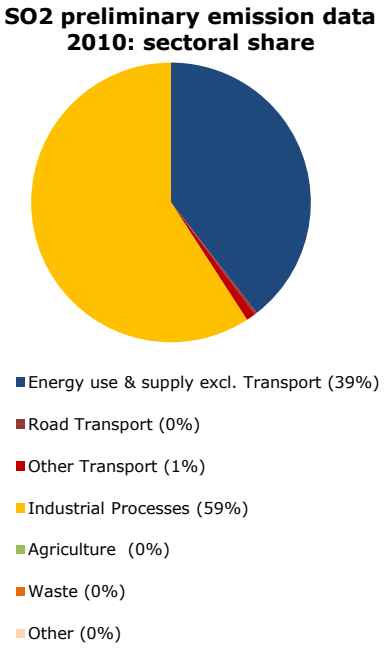
SO2 emission trends and projections in Latvia

SO2 emission profile	Key data	Value	Unit	Rank in EU-27*
	Total SO2 emissions 1990	104.8	(Gg)	12 (14)
	Total SO2 preliminary emission data 2010	7.3	(Gg)	26 (27)
	SO2 preliminary emission data in 2010 per capita	3.3	(kg/cap.)	23 (27)
	SO2 preliminary emission data per GDP in 2010	0.3	(g/PPP)	14 (27)
	Share of SO2 in EU-27 in 2010	0.2	%	

Progress towards ceiling	Current and projected progress towards ceiling	Value	Unit	
	2010 Emission ceiling	101	(Gg)	
	2015 WM projections	5.9	(Gg)	
	2020 WM projections	6.3	(Gg)	
		Absolute	**Unit**	**Relative (%)**
	Distance of preliminary 2010 emission data to SO2 emission ceiling in 2010	- 93.7	(Gg)	- 92.7





SO2 trends	Trend of total SO2 emissions	Absolute	Unit	Relative (%)
	Trend of total SO2 emissions, 2009-2010	3.2	(Gg)	78.8
	Trend of total SO2 emissions, 1990-2010	- 97.5	(Gg)	-93.0
	Trend of SO2 emissions per capita, 2000-2010	-3.5	(kg/cap.)	-51.7
	Trend of SO2 emissions per GDP, 2000-2010	-0.7	(g/PPP)	-73.3

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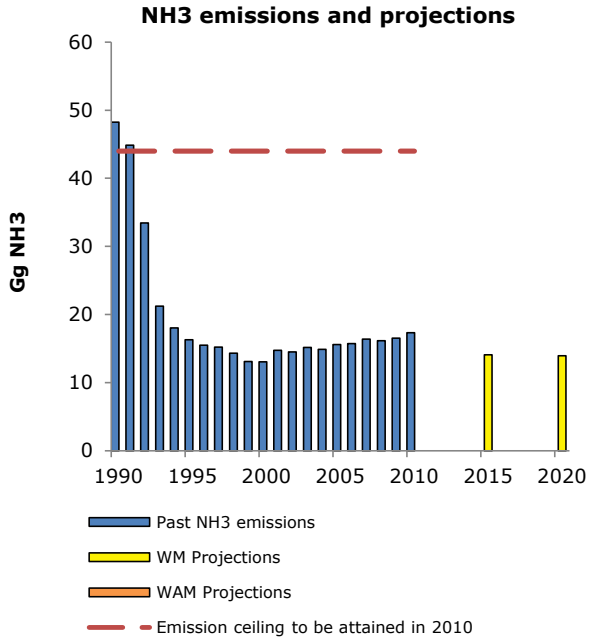
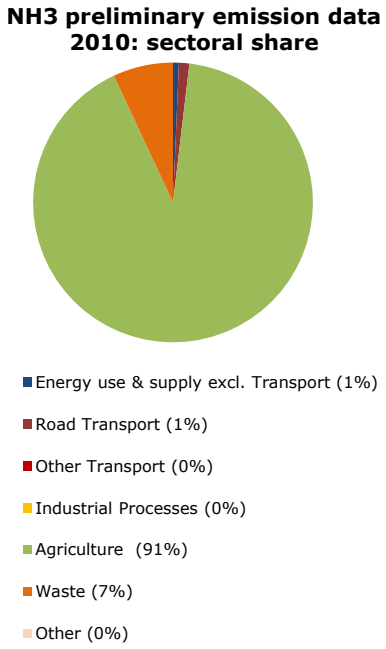
GDP data from Eurostat http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home accessed: 30.05.2012
Population data from Eurostat http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home accessed: 30.05.2012
Latvia did not provide 2015 and 2020 projection data in the 2011 reporting round. Projections reported in 2010 were used above.

NH3 emission trends and projections in Latvia

NH3 emission profile	Key data	Value	Unit	Rank in EU-27*
	Total NH3 emissions 1990	48.2	(Gg)	11 (14)
	Total NH3 preliminary emission data 2010	17.3	(Gg)	23 (27)
	NH3 preliminary emission data in 2010 per capita	7.7	(kg/cap.)	8 (27)
	NH3 preliminary emission data per GDP in 2010	0.6	(g/PPP)	5 (27)
	Share of NH3 in EU-27 in 2010	0.5	%	

Progress towards ceiling	Current and projected progress towards ceiling	Value	Unit	
	2010 Emission ceiling	44	(Gg)	
	2015 WM projections	14.1	(Gg)	
	2020 WM projections	13.9	(Gg)	
		Absolute	**Unit**	**Relative (%)**
	Distance of preliminary 2010 emission data to NH3 emission ceiling in 2010	- 26.7	(Gg)	- 60.6





NH3 trends	Trend of total NH3 emissions	Absolute	Unit	Relative (%)
	Trend of total NH3 emissions, 2009-2010	0.8	(Gg)	5.0
	Trend of total NH3 emissions, 1990-2010	- 30.9	(Gg)	-64.0
	Trend of NH3 emissions per capita, 2000-2010	2.2	(kg/cap.)	40.7
	Trend of NH3 emissions per GDP, 2000-2010	-0.2	(g/PPP)	-22.0

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