

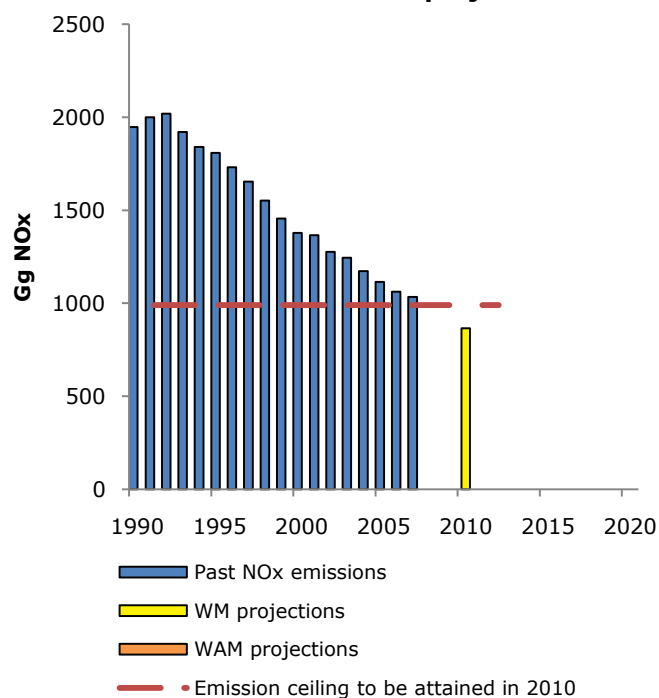
## NOx emission trends and projections in Italy

NOx emission profile	Key data	Value	Unit	Rank in EU-27*
	Total NOx emissions 1990	1 946.7	(Gg)	2 (19)
	Total NOx emissions 2007	1 034.8	(Gg)	5 (27)
	NOx emissions in 2007 per capita	17.4	(kg/cap.)	24 (27)
	NOx emissions per GDP in 2007 (current prices)	0.7	(g/euro)	21 (27)
Share of NOx in EU-27 in 2007	9.7	%		

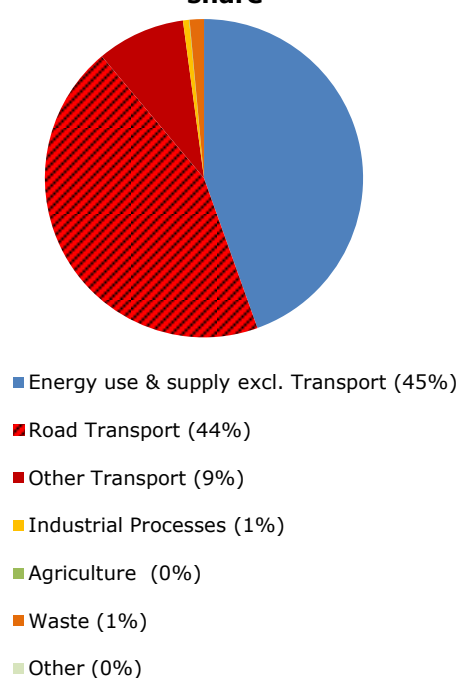
  

Progress towards ceiling	Current and projected progress towards ceiling	Value	Unit	
	2010 Emission ceiling	990	(Gg)	
	2010 WM projections (existing measures in place)	865.0	(Gg)	
	2010 projected effect of (planned) additional measures	NE	(Gg)	
		<b>Absolute</b>	<b>Unit</b>	<b>Relative (%)</b>
Distance to NOx emission ceiling in 2007	44.8	(Gg)	4.5	
Comparison of 2010 emission ceiling with WM projections 2010	-125.0	(Gg)	-12.6	

NOx emissions and projections



NOx emissions 2007: sectoral share



NOx trends	Trend of total NOx emissions	Absolute	Unit	Relative (%)
	Trend of total NOx emissions, 2006-2007	- 26.5	(Gg)	-2.5
	Trend of total NOx emissions, 1990-2007	- 911.9	(Gg)	-46.8
	Trend of NOx emissions per capita, 2000-2007	-6.8	(kg/cap.)	-28.0
	Trend of NOx emissions per GDP, 2000-2007	-0.5	(g/euro)	-42.1

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

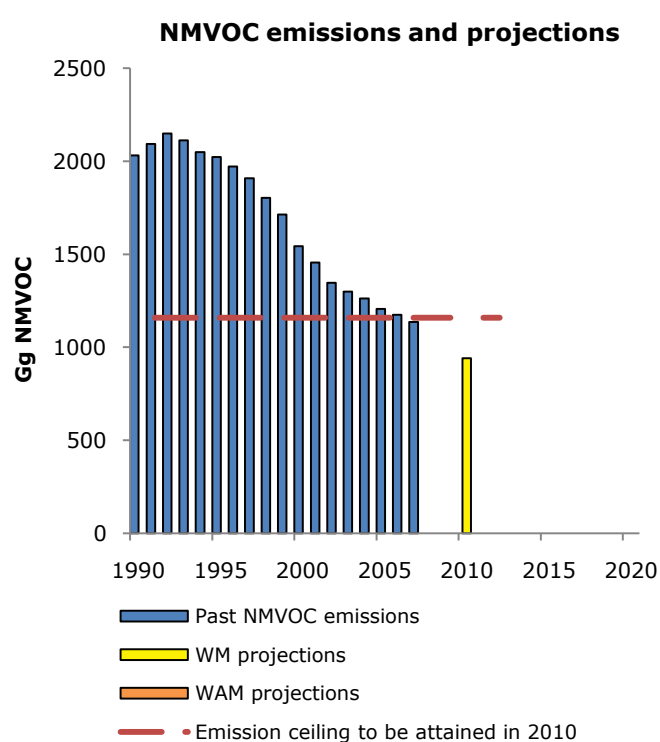
GDP and population data from Eurostat <http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home> accessed: 06.05.2009

## NMVOc emission trends and projections in Italy

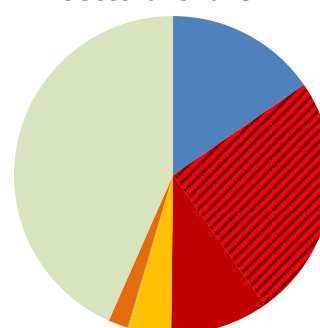
NMVOc emission profile	Key data	Value	Unit	Rank in EU-27*
	Total NMVOc emissions 1990	2 031.5	(Gg)	3 (19)
	Total NMVOc emissions 2007	1 135.3	(Gg)	3 (27)
	NMVOc emissions in 2007 per capita	19.1	(kg/cap.)	11 (27)
	NMVOc emissions per GDP in 2007 (current prices)	0.7	(g/euro)	14 (27)
Share of NMVOc in EU-27 in 2007	12.7	%		

Progress towards ceiling	Current and projected progress towards ceiling	Value	Unit	
	2010 Emission ceiling	1 159	(Gg)	
	2010 WM projections (existing measures in place)	941.0	(Gg)	
	2010 projected effect of (planned) additional measures	NE	(Gg)	
		<b>Absolute</b>	<b>Unit</b>	<b>Relative (%)</b>
Distance to NMVOc emission ceiling in 2007	-23.7	(Gg)	-2.0	
Comparison of 2010 emission ceiling with WM projections 2010	-218.0	(Gg)	-18.8	



### NMVOc emissions 2007: sectoral share



- Energy use & supply excl. Transport (15%)
- Road Transport (25%)
- Other Transport (10%)
- Industrial Processes (4%)
- Agriculture (0%)
- Waste (2%)
- Other (43%)

NMVOc trends	Trend of total NMVOc emissions	Absolute	Unit	Relative (%)
	Trend of total NMVOc emissions, 2006-2007	- 38.7	(Gg)	-3.3
	Trend of total NMVOc emissions, 1990-2007	- 896.2	(Gg)	-44.1
	Trend of NMVOc emissions per capita, 2000-2007	-8.0	(kg/cap.)	-29.5
	Trend of NMVOc emissions per GDP, 2000-2007	-0.6	(g/euro)	-43.3

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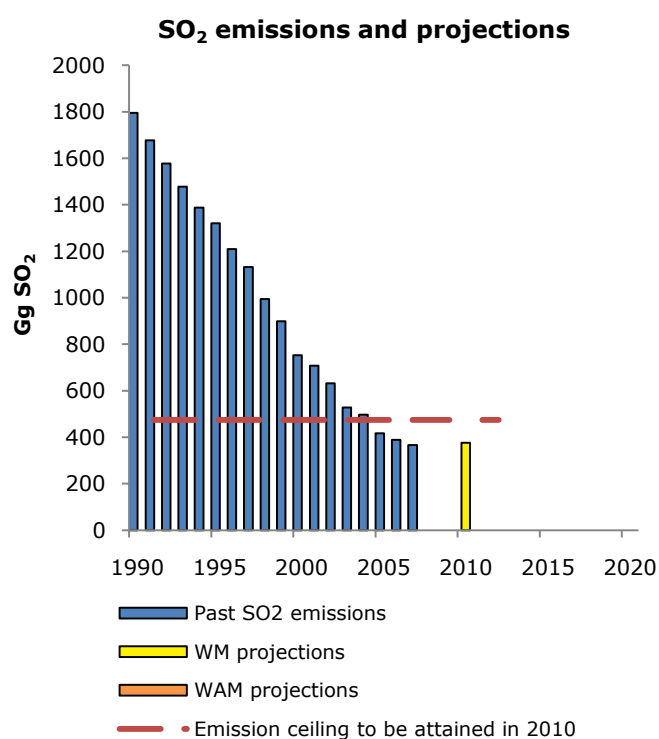
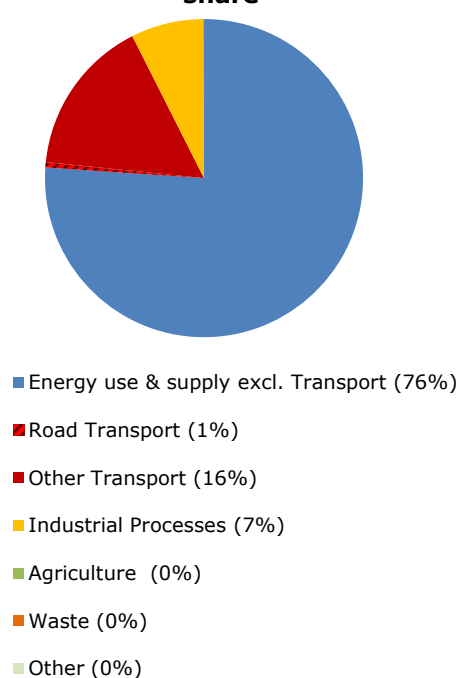
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SO<sub>2</sub> emission trends and projections in Italy

SO <sub>2</sub> emission profile	Key data	Value	Unit	Rank in EU-27*
	Total SO <sub>2</sub> emissions 1990	1 795.3	(Gg)	3 (19)
	Total SO <sub>2</sub> emissions 2007	367.0	(Gg)	9 (27)
	SO <sub>2</sub> emissions in 2007 per capita	6.2	(kg/cap.)	20 (27)
	SO <sub>2</sub> emissions per GDP in 2007 (current prices)	0.2	(g/euro)	19 (27)
Share of SO <sub>2</sub> in EU-27 in 2007	4.9	%		

Progress towards ceiling	Current and projected progress towards ceiling	Value	Unit	
	2010 Emission ceiling	475	(Gg)	
	2010 WM projections (existing measures in place)	375.5	(Gg)	
	2010 projected effect of (planned) additional measures	NE	(Gg)	
		<b>Absolute</b>	<b>Unit</b>	<b>Relative (%)</b>
Distance to SO <sub>2</sub> emission ceiling in 2007	-108.0	(Gg)	-22.7	
Comparison of 2010 emission ceiling with WM projections 2010	-99.5	(Gg)	-20.9	

SO<sub>2</sub> emissions 2007: sectoral share

SO <sub>2</sub> trends	Trend of total SO <sub>2</sub> emissions	Absolute	Unit	Relative (%)
	Trend of total SO <sub>2</sub> emissions, 2006-2007	- 21.6	(Gg)	-5.6
	Trend of total SO <sub>2</sub> emissions, 1990-2007	-1 428.3	(Gg)	-79.6
	Trend of SO <sub>2</sub> emissions per capita, 2000-2007	-7.0	(kg/cap.)	-53.2
	Trend of SO <sub>2</sub> emissions per GDP, 2000-2007	-0.4	(g/euro)	-62.4

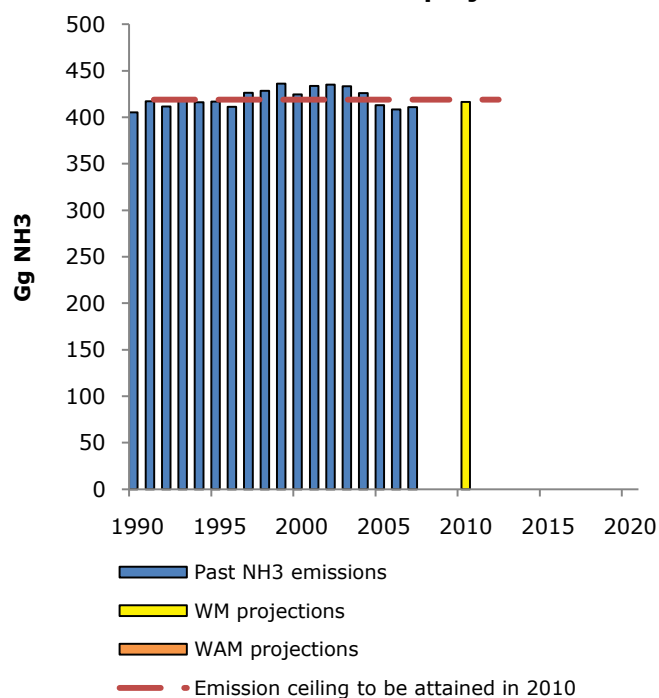
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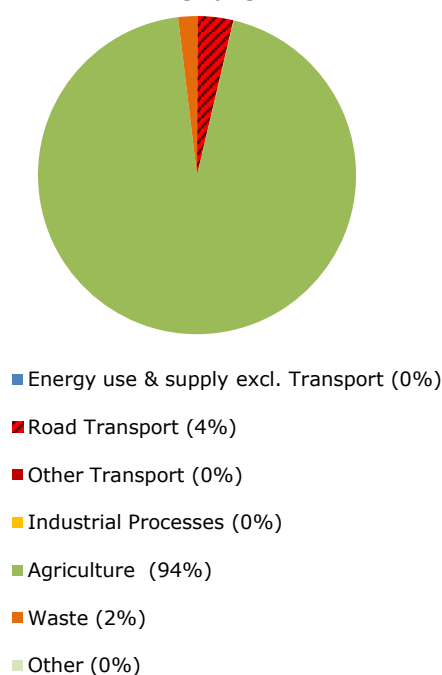
## NH3 emission trends and projections in Italy

NH3 emission profile	Key data	Value	Unit	Rank in EU-27*
	Total NH3 emissions 1990	405.3	(Gg)	3 (18)
	Total NH3 emissions 2007	410.7	(Gg)	4 (27)
	NH3 emissions in 2007 per capita	6.9	(kg/cap.)	16 (27)
	NH3 emissions per GDP in 2007 (current prices)	0.3	(g/euro)	19 (27)
Share of NH3 in EU-27 in 2007	10.4	%		
Progress towards ceiling	Current and projected progress towards ceiling	Value	Unit	
	2010 Emission ceiling	419	(Gg)	
	2010 WM projections (existing measures in place)	416.4	(Gg)	
	2010 projected effect of (planned) additional measures	NE	(Gg)	
		Absolute	Unit	Relative (%)
	Distance to NH3 emission ceiling in 2007	-8.3	(Gg)	-2.0
Comparison of 2010 emission ceiling with WM projections 2010	-2.6	(Gg)	-0.6	

NH3 emissions and projections



NH3 emissions 2007: sectoral share



NH3 trends	Trend of total NH3 emissions	Absolute	Unit	Relative (%)
	Trend of total NH3 emissions, 2006-2007	2.3	(Gg)	0.6
	Trend of total NH3 emissions, 1990-2007	5.4	(Gg)	1.3
	Trend of NH3 emissions per capita, 2000-2007	-0.5	(kg/cap.)	-7.2
	Trend of NH3 emissions per GDP, 2000-2007	-0.1	(g/euro)	-25.4

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GDP and population data from Eurostat <http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home> accessed: 06.05.2009