

## INDICATOR DATA SHEET

**Indicator: Emissions of Nitrogen Oxides**

**Category: Environment**

**Theme: Air**

**Type: Pressure**

**Definition:** This indicator relates national man-made nitrogen oxide emissions (NOx) expressed in Gigagrams of nitrogen dioxide (NO<sub>2</sub>) equivalent per year.

**Unit:** Gigagrams NO<sub>2</sub> equivalent /year

Data Needed	Source
Emissions of NOx	Ministry of Environment Meteorological Services

### Standard/Target:

In ambient air, standards for NO<sub>2</sub> emissions are as follows:  
 200 micrograms/m<sup>3</sup> in 1 hrs.  
 150 micrograms/m<sup>3</sup> in 24 hrs.  
 100 micrograms/m<sup>3</sup> in 1 year.

### Frequency for Updating:

4 years

Year	Emissions of NOx by sector					
	Energy	Industry	Agriculture	Land-use Change & Forestry	Waste	Total
1994	54.0959*	0.01112*	0.00146*	0.06276*	0	54.17124*

\* Values refer to Gigagrams NO<sub>2</sub> equivalent /year

**Source of data/year:** Lebanon's First National Communication Under the United Nations Framework Convention on Climate Change, Ministry of Environment, 1999.

**Geographic coverage:** National

**LEDO Reference:** 50  
**Developed by:** LEDO

**Blue Plan Reference:** 112  
**Date:** March 2001