

## INDICATOR DATA SHEET

**Indicator: Concentration of particulates**

**Category: Environment**

**Theme: Air**

**Type: Pressure**

**Definition:**

It is the ambient concentration of particulates, PM<sub>2.5</sub>, PM<sub>10</sub> and TSP, in a specified time period.

**Unit: ppb or µg/m<sup>3</sup>**

**Other Definition:**

**Related Indicators:**

### Calculation Method

PM<sub>2.5</sub>: A sample is taken from a light air flow equivalent to 80 liters / hr.  
PM<sub>10</sub> and TSP: A sample is taken from a heavy air flow equivalent to 2m<sup>3</sup> / hr.

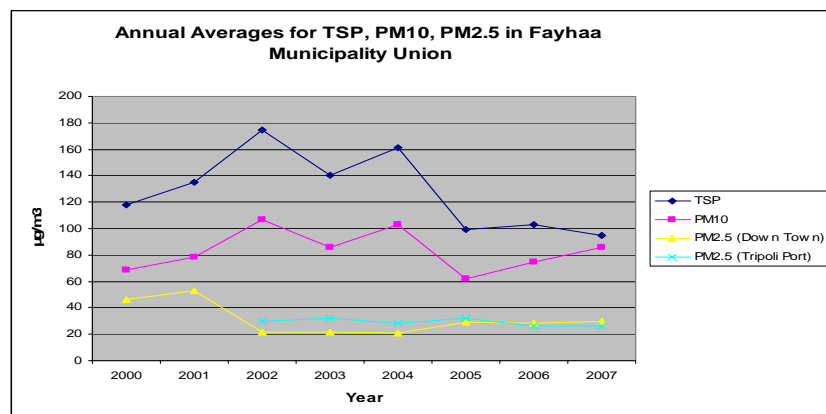
Data Needed	Source
Concentration of particulates	Ministry of Environment Meteorological service Tripoli Environment and Development Observatory

**Frequency for Updating:**

Yearly

**Comments:**

Ministry of Environment Standards for TSP, PM<sub>10</sub> are 120 µg/m<sup>3</sup>, 80 µg/m<sup>3</sup> for a duration of 8 hours respectively. (Decision 52/1, MoE 1996.



Annual Averages	2000	2001	2002	2003	2004	2005	2006	2007
TSP	118	135	175	140	161	99	103	95
PM <sub>10</sub>	69	78	107	86	103	62	75	86
PM <sub>2.5</sub> (Down Town)	46	53	22	22	21	29	28	30
PM <sub>2.5</sub> (Tripoli Port)	N.A.	N.A.	30	32	28	32	26	26

**Source of data:** State of the Environment and Development, Report 26. TEDO 2008

**Geographic coverage:** Fayhaa Municipality Union