

Statistics for the SDGs - indicators for national priorities



Name of the indicator	11.6.a Total emission of particulates pollutants in cities with powiat status
Sustainable Development Goal	Goal 11. Sustainable cities and communities
Priority	Improving air quality by reducing "low emission" (i.e. up to 40 m AGL) i.a. from domestic boiler houses and road transport
Definition	Total amount of emission particulate matter in cities with powiat status.
Unit	tonnes
Available dimensions	total
Methodological explanations	<p>"</p> <p>Particulates pollutants - emission into the atmosphere particulate fragmentation macroscopic and colloidal whose concentration exceeds the average content of these substances in the clean air, negatively impacting on human health and the condition and quality of the environment.</p> <p>They are divided according to particulates grain sizes into the following classes:</p> <ul style="list-style-type: none"> • particulates of macroscopic dispersion of the grain from 1 to 1000 μm; • particulates of colloidal dispersion of the grain from 0.001 to 1 μm. <p>Depending on the origin of particulates and its form, the following division has been assumed:</p> <ul style="list-style-type: none"> • dispersive particulates, formed in result of mechanical dispersion of solids (e.g. coal dust during coal crushing and grinding in power stations); • condensation particulates, formed in result of condensation and consolidation of vapour of various chemical substances (e.g. soot), general present only in colloidal break-up class. <p>The formation of particulates pollutants is inseparably connected with all the production processes and combustion processes. A large amount of particulates pollutants is particularly produced during combustion of solid fuel.</p> <p>"</p>
Data source	Statistics Poland
Data availability	Annual data, since 2010
Notes	
Data updated on	24-10-2023
Metadata updated on	20-04-2023