

# World's most polluted cities

India is home to 14 of 20 of the planet's most polluted cities, according to PM2.5 concentrations – particulate matter smaller than 2.5 microns – the pollutant seen as the most harmful to human health

1 micron ( $\mu\text{m}$ ) = 0.001mm

PM10

10 $\mu\text{m}$



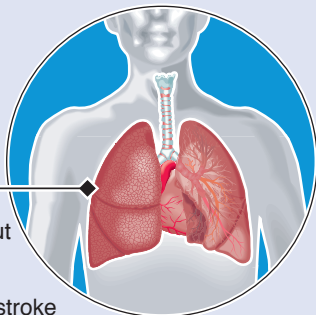
PM2.5

2.5 $\mu\text{m}$



Human hair  
60 $\mu\text{m}$  wide

**PM2.5:** Particles enter blood stream via respiratory system and travel throughout body. Health effects include asthma, lung cancer, heart disease, acute respiratory infections and stroke



**Average PM2.5 concentration 2019 ( $\mu\text{g}/\text{m}^3$ )**

	India	<b>Ghaziabad</b>	<b>110.2</b>
	China	<b>Hotan</b>	<b>110.1</b>
	Pakistan	<b>Gujranwala</b>	<b>105.3</b>
	Pakistan	<b>Faisalabad</b>	<b>104.6</b>
	India	<b>Delhi</b>	<b>98.6</b>
	India	<b>Noida</b>	<b>97.7</b>
	India	<b>Gurugram</b>	<b>93.1</b>
	Pakistan	<b>Raiwind</b>	<b>92.2</b>
	India	<b>Greater Noida</b>	<b>91.3</b>
	India	<b>Bandhwari</b>	<b>90.5</b>
	India	<b>Lucknow</b>	<b>90.3</b>
	Pakistan	<b>Lahore</b>	<b>89.5</b>
	India	<b>Bulundshahr</b>	<b>89.4</b>
	India	<b>Muzaffarnagar</b>	<b>89.1</b>
	India	<b>Bagpat</b>	<b>88.6</b>
	China	<b>Kashgar</b>	<b>87.1</b>
	India	<b>Jind</b>	<b>85.4</b>
	India	<b>Faridabad</b>	<b>85.0</b>
	India	<b>Coraut</b>	<b>85.0</b>
	India	<b>Bhiwadi</b>	<b>83.4</b>

World Health Organisation  
PM2.5  
target:  
**10  $\mu\text{g}/\text{m}^3$**