

A report says that 40% of the students fails lung capacity test is very shocking and speechless...Is air in Delhi that much harmful?

by Harshitha - May 5, 2015

A test has been conducted in four cities regarding the lung capacity in students. Delhi shows the worst result in lung capacity test. The main reason behind this is shocking and speechless. Air pollution causes the students to suffer a lot. See how air pollution is poisonous?...Answer is in your hands only.

2,373 students participated in four major cities like Delhi, Mumbai, Bangalore and Kolkata. Out of which 21% were found to have "poor" lung capacity and 19% have bad capacity. 4/10 were failed the test. According to WHO, Delhi has the poor air capacity. The students were asked to breath in and breath out forcefully in order to check out the lung condition of them. Dr Preetiaish Kaul said that they were shocked to find so many children not being able to exhale properly.

"The survey was observational and we did not look into the cause of poor lung health in children. However, given the fact that most children were otherwise healthy, it will not be wrong completely to infer that poor air quality has a role to play in causing the reduced lung capacity," said Dr Preetiaish Kaul, representative of Heal Foundation.

What about other cities?

Bangalore 36% out of which 14% poor and 22% bad

Kolkata 35% out of which 9% poor and 26% bad

Mumbai 27% out of which 13% poor and 14% BAD

BAD AIR AFFECTING KIDS?

2,373 | No. of children tested

Age group | 10-15 years

Delhi 735 | Mumbai 573

Bengaluru 503 | Kolkata 562

► Kids put through peak flow meter test to measure lung health

	Delhi	Mumbai	B'luru	Kolkata	Figures in %
Excellent	17	8	11	10	
Good	19	26	17	30	
Satisfactory	24	39	36	25	
→ Pass %age	60	73	64	65	
Bad	19	14	22	26	
Poor	21	13	14	9	



Analysis of the doctor?

The doctor also says "The test can detect lung diseases and measure the severity of lung problems. Poor results in LHST mean compromised lung function and high possibilities of contracting pulmonary diseases".

Dr Raj Kumar, who heads the respiratory allergy and applied immunology department at Vallabhbhai Patel Chest Institute, said more scientific studies were needed to determine the impact of air pollution on children.

"Although I did not participate in the study, there can be no denying that air pollution is affecting us badly. Children are worst impacted as they are yet in their growth years with vital organs of the body physiologically not mature enough to deal with it," he said.

What survey report says?

The survey indicated that only 15%, 24%, 27% and 9% people in Delhi, Mumbai, Bangalore and Kolkata, respectively, thought they as individuals were also responsible for the poor quality of air in their city.

Said environmental activist Kamal Meattle, "Reckless cutting of trees, rapid urbanization and above all, a dearth of environment-friendly laws, is the cause of many illnesses. Poor lung health is one of them. It's high time we take up the issue on priority and figure out ways to control pollution."