

**GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE
DEPARTMENT OF HEALTH AND FAMILY WELFARE**

**LOK SABHA
UNSTARRED QUESTION NO. 2093
TO BE ANSWERED ON 29.07.2022**

EFFECT OF POLLUTION ON LIFE EXPECTANCY

2093. KUMARI AGATHA K. SANGMA:

Will the Minister of **HEALTH AND FAMILY WELFARE** be pleased to state:

- (a) whether the Government has conducted any study to assess the effect of air pollution on life expectancy in India, if so, the details thereof;
- (b) whether the Government has taken cognizance of the recent study holding that air pollution reduces life expectancy by five years on average in India and by ten years in Delhi;
- (c) whether the Government collects data on the number of deaths occurring due to air pollution, if so, the details thereof from 2017 to 2022, year-wise and State/UT-wise and if not, whether the Government intends to collect any such data; and
- (d) the details of the roles and responsibilities to be assigned to his Ministry considering the adverse health impacts of air pollution?

ANSWER

**THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND
FAMILY WELFARE
(DR. BHARATI PRAVIN PAWAR)**

(a) to (d): Ministry of Health & FW through Indian Council of Medical Research (ICMR) has conducted the study titled “The impact of air pollution on deaths, disease burden, and life expectancy across the states of India: the Global Burden of Disease Study 2017” on 6th December 2018. The study estimated that life expectancy in India would have increased by 1.7 years if the pollution levels had been lower than the minimum levels associated with health loss, including 0.9 years for ambient particulate matter pollution reduction and 0.7 years for household air pollution reduction.

Ministry of Health & FW through ICMR has conducted a multisite study covering a total of 33213 participants to document acute effect of increase in air pollution on respiratory morbidity suggests that increase in pollution levels was associated with increase in number of patients attending emergency rooms. Effect was more pronounced in children.

Ministry of Environment, Forest and Climate Change is the nodal Ministry addressing the issues arising due to air pollution. Under Ministry of Health & FW, air pollution and its health concerns are addressed through National Programme on Climate Change and Human Health (NPCCHH).

Ministry of Health & Family Welfare has also issued various documents for preventive measures to States/UTs:

- a. National Health Adaptation Plan for diseases due to air pollution
- b. IEC posters Audio-Video IECs, GIFs,
- c. Public Health Advisory on air pollution
- d. Training Manuals for community level health workers on Air Pollution

Further, Ministry of Health & Family Welfare works to address the issues through its five key action points of public awareness generation through IEC campaigns, capacity building of the health sector including trainings, health sector preparedness and response mechanisms, partnerships and collaborations with relevant Ministries/ Departments.
