

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

**RAJYA SABHA  
UNSTARRED QUESTION NO. 2532  
TO BE ANSWERED ON 17.12.2024**

**ANTIMICROBIAL RESISTANCE**

**2532. MS. DOLA SEN:**

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

- (a) whether Government has taken any initiative to reduce the effect of antimicrobial resistance;
- (b) if so, the details of steps taken during 2021-23, if not, the reason therefor;
- (c) whether Government has conducted any study to understand the effect of antimicrobial resistance upon children; and
- (d) if so, the details thereof and if not, the reasons therefor?

**ANSWER  
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH & FAMILY  
WELFARE  
(SHRI PRATAPRAO JADHAV)**

(a) & (b) Antimicrobial Resistance (AMR) is a complex issue with significant implications for both individuals and healthcare systems. MoH&FW has taken several steps to address the issue of AMR. Some of the steps are:

- i. **National action plan on containment of Antimicrobial Resistance (NAP-AMR)** focusing on One Health approach was launched in April 2017 with the aim of involving various stakeholder ministries/departments. Delhi Declaration on AMR– an inter-ministerial consensus was signed by the ministers of the concerned ministries pledging their support in AMR containment.
- ii. Under the NAP-AMR programme state medical college labs are being strengthened in phased manner for AMR surveillance and containment activities
- iii. **AMR Surveillance Network:** ICMR has established AMR surveillance and research network (AMRSN) comprising tertiary care hospitals, both private and government to generate evidence and capture trends and patterns of drug resistant infections in the country.
- iv. **AMR Research & International Collaboration:** ICMR has taken initiatives to develop new drugs /medicines through international collaborations in order to strengthen medical research in AMR.

A details of the steps taken by the Government to address AMR is provided in Annexure.

(c) & (d) Government is monitoring the effect of microbial resistance on general population including children. The data & report can be seen at the following link;

- [https://www.icmr.gov.in/icmrobject/uploads/Documents/1725536060\\_annual\\_report\\_2023.pdf](https://www.icmr.gov.in/icmrobject/uploads/Documents/1725536060_annual_report_2023.pdf)
- <https://ncdc.mohfw.gov.in/reports>.

**ANNEXURE REFERRED TO IN REPLY TO PART (a) & (b) OF THE LOK SABHA UNSTARRED QUESTION NO. 2532 FOR 17.12.2024 REGARDING ANTIMICROBIAL RESISTANCE**

1. Strengthen surveillance of antibiotic consumption at state medical college hospitals included under the National Programme on Antimicrobial Resistance Containment.
2. Establish and strengthen implementation of Infection Prevention & Control practices including surveillance of health care associated infections and antimicrobial stewardship practices at network sites in a phased manner.
3. Establish and strengthen State level AMR Surveillance networks.
4. Workshops on antibiogram preparation and monthly online trainings on data management, antibiotic consumption are conducted by NCDC under the programme for the new and old network sites.
5. India has been successfully enrolled in GLASS (Global antimicrobial surveillance system) coordinated by WHO in the year 2017. AMR surveillance data submitted by the programme sites are analysed, and uploaded onto GLASS since 2018. Annual report since 2018 is developed and made available on NCDC website at following link: <https://ncdc.mohfw.gov.in/reports/>.
6. IEC activities like public conclave, poster and quiz competitions, etc were conducted in schools, colleges and Health mela under the National Programme to create awareness on the AMR among the common public.
7. The National AMR surveillance Network (NARS-Net) established under the programme has been expanded from 30 labs in 24 states/UTs in 2021 to 40 state medical colleges in 31 states/UTs till March 2023.
8. Several offline & online trainings on lab procedures, data management and yearly review meetings have been conducted for network sites.
9. Revised Standard operative procedures for the AMR programme has been developed and disseminated to the site at following link: <https://ncdc.mohfw.gov.in/programme-sops/>.