

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

**RAJYA SABHA
UNSTARRED QUESTION NO. 3143
TO BE ANSWERED ON 28.03.2023**

CASES OF NIPAH VIRUS INFECTION

3143. SHRI B. PARTHASARADHI REDDY:

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

- (a) whether there have been any reported cases of Nipah virus infections in the country;
- (b) if so, the details thereof;
- (c) the measures being taken by Government for early detection of the infection; and
- (d) the risk assessment measures being taken by Government for effective control and prevention of the Nipah, virus infection cases?

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

(a) to (d):

As on date total, a total 91 cases of Nipah virus has been reported across country. Status of the cases is as following:

| S. No. | State | Year | Cases |
|---------------|--------------|-------------|--------------|
| 1. | West Bengal | 2001 | 66 |
| 2. | West Bengal | 2007 | 5 |
| 3. | Kerala | 2018 | 18 |
| 4. | Kerala | 2019 | 01 |
| 5. | Kerala | 2021 | 01 |

To ensure effective control and prevention of the Nipah virus infection cases, Ministry of Health & Family Welfare has taken several steps which includes:

- A detail guideline for early detection of the infection, risk assessment measures for effective control and prevention of the Nipah Virus has been issued, which is available at:
<https://ncdc.mohfw.gov.in/index4.php?lang=1&level=0&linkid=113&lid=228>
- ICMR-NIV Pune had standardized and validated the Point of Care assay for Nipah virus diagnosis which was used in Nipah outbreak 2019 and 2021 at field level. The DCGI has not only approved the PoC for the bedside diagnosis but has also given Emergency use approval during Nipah outbreak 2021.
- For early detection of Nipah infection, the laboratories in Kerala were trained for performing PoC with all the biosafety measures.
- ICMR-NIV Pune strengthened the Nipah diagnostic support at GMC Kozhikode by supply of PPE including PAPR, reagents and trained the staff for the sustainable laboratory diagnosis for suspected Nipah virus infection.
- ICMR-NIV Pune had successfully isolated the Nipah virus after 2018 outbreak and developed the indigenous Nipah serological assays for Humans, Bats and Swine which can be used for the seroprevalance studies and other ecological niches.
- A research platform, involving eleven countries from the World Health Organisation's South East Asia Region was established pooling the expertise and resources to tackle a variety of emerging and re-emerging diseases.
