

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

**LOK SABHA
UNSTARRED QUESTION NO. 806
TO BE ANSWERED ON 14TH DECEMBER, 2018**

ZIKA VIRUS AND SWINE FLU

**806. SHRI VISHNU DAYAL RAM:
SHRI MUTHAMSETTI SRINIVASA RAO (AVANTHI):
SHRI D.K. SURESH:
SHRI E.T. MOHAMMED BASHEER:
SHRI SATAV RAJEEV:
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SHRI MOHITE PATIL VIJAYSINH SHANKARRAO:
SHRI P.R. SUNDARAM:
SHRI SUDHEER GUPTA:
SHRI DHANANJAY MAHADIK:
SHRI VENKATESH BABU T.G.:
SHRI S. RAJENDRAN:
DR. J. JAYAVARDHAN:
SHRI ASHOK SHANKARRAO CHAVAN:
KUNWAR HARIBANSH SINGH:**

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

- (a) whether many cases of people falling ill due to Zika Virus and Swine Flu have been reported from some parts of the country in recent months, if so, the details thereof and the number of deaths reported due to Zika Virus and Swine Flu during the current year so far;
- (b) whether the Government has taken any steps to control the diseases and if so, the details thereof;
- (c) whether the Government has sent any expert team to assess the situation in areas which are affected by these diseases, if so, the details and the outcome thereof;
- (d) the details of financial and technical assistance including drugs provided to affected States for prevention, diagnosis and treatment of these diseases; and
- (e) the further steps being taken by the Government for proper management and creation of health infrastructure for early detection and treatment of these diseases?

**ANSWER
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND
FAMILY WELFARE
(SMT. ANUPRIYA PATEL)**

(a): Yes, in 2018, following States have reported cases of Zika virus diseases:

State	District	Laboratory confirmed cases	Total
Rajasthan	Jaipur	159	159
Gujarat	Ahmedabad	1	1
Madhya Pradesh	Bhopal	54	130
	Hoshangabad	2	
	Vidisha	50	
	Sehore	21	
	Sagar	2	
	Raisen	1	

Two laboratory confirmed Zika deaths reported from Madhya Pradesh. In both these cases death was due to concurrent co-morbid conditions (due to Septic shock with Dengue encephalitis in one case and Multi Organ Failure due to septic Shock in the other).

State wise details of cases and deaths due to Swine flu reported in country as on 02.12.2018 is placed at Annexure.

(b): Health is a State subject. However, the Ministry of Health and Family Welfare took the following steps to contain further spread of Zika virus disease:

- i. The Zika action plan was implemented in all the affected States.
- ii. Central teams were deployed to Jaipur (Rajasthan), Ahmedabad (Gujarat), and to Bhopal, Vidisha, Sehore and Sagar Districts of Madhya Pradesh to assist these States in containment operations.
- iii. Hon'ble Minister of Health and Family Welfare and Senior officers of the Ministry reviewed the situation on regular basis and modulated the action for containment.
- iv. Union Secretary(Health & Family Welfare) reviewed the situation and preparedness to Zika virus disease in all States through video conferencing with the States/UTs.
- v. Advisory were issued to all States/UTs to strengthen vector control activities and surveillance for Zika virus disease.
- vi. Senior officers of the ministry visited the states of Rajasthan and Madhya Pradesh to oversee the containment operations.
- vii. Joint Monitoring Group under the chairmanship of Director General of Health Services(DGHS) met regularly to review the current situation of Zika virus disease in the affected States/UTs.
- viii. Indian Council of Medical Research(ICMR) supported the Viral Research and Diagnostic Laboratories (VRDL) in the affected States for testing clinical samples.
- ix. IEC material prepared by Ministry of Health and Family Welfare were provided to the three affected States.
- x. Surveillance strategy to ensure that the disease has not spread beyond the containment zone has been provided to the State of Rajasthan, and Madhya Pradesh.
- xi. Financial support was ensured through National Health Mission.

In addition, the Central Government has also been closely monitoring the Seasonal Influenza (swine flu) situation and is in regular touch with the States on the issue and has taken following steps:

- i. The situation was reviewed by the Hon'ble Union Minister for Health and Family Welfare on 17.01.2018. The situation was again reviewed on 25.04.2018 and on 16.10.2018.
- ii. Regular Video conferences are held with the nodal officers for H1N1 in high case reporting States and preparedness is reviewed on regular basis. A Video conferencing with Union Secretary (HFW) with the Principal Secretaries of 11 States/UTs was held on 17.10.2018 and 25.10.2018.
- iii. The situation of the Seasonal Influenza is also regularly reviewed by the Joint Monitoring Group under the chairmanship of DGHS. Last meeting of this Expert group was held on 22.10.2018. The situation was also monitored at the level of Additional Secretary (Health) on 15.10.2018.
- iv. Information on details of manufactures for human influenza vaccine in India has been shared with all States/UTs on 22.10.2018.

- v. Ministry of Health and Family Welfare has provided guidelines on categorization of patients, treatment protocol and guidelines on Ventilatory management to the States/UTs which are also available on the website of the Ministry (www.mohfw.nic.in) and National Centre for Disease Control (NCDC) (ncdc.gov.in). State Governments have also been advised for vaccination of health care workers dealing with H1N1 cases.
- vi. States have been requested to procure logistics and Government of India supports the States to tide over the shortage during crisis.

(c): Ministry of Health and Family Welfare had deputed senior level Public Health Teams to Rajasthan to assess the situation and assist the State in managing the spurt witnessed in January 2018.

(d): Under Integrated Disease Surveillance Programme (IDSP), funds are released to States/UTs as grant-in-aid (GIA) to perform surveillance and outbreak investigation activities with respect to epidemic prone diseases including Seasonal Influenza H1N1 (swine flu).

To ensure wider availability and accessibility of Oseltamivir, the drug for treatment of Influenza has been put in Schedule H1 so that it can be sold by all licensed chemist under prescription. The drug for seasonal influenza H1N1 (swine flu) “Oseltamivir” tablets and suspension are procured by States. However, in case of shortage of drug in the State, the same is also provided by Government of India.

(e): Integrated Disease Surveillance Programme (IDSP) assisted lab network of 12 Laboratories are providing laboratory support in terms of testing, quality assurance, guidance, providing viral transport mediums and diagnostic reagents. The diagnostic capacity has also been strengthened by Indian Council of Medical Research (ICMR) through more than 41 Virus Research Diagnostic Laboratories (VRDL) to test clinical samples (Out of which 6 labs are common to both IDSP and ICMR).

Seasonal Influenza (H1N1): laboratory confirmed Cases and Deaths: State/ UT-wise for 2018

(As on 02nd December, 2018)

Sr. No.	States/UTs	Cumulative Cases since 1 st Jan, 2018	Cumulative Deaths since 1 st Jan, 2018
1.	Maharashtra [^]	2548	422
2.	Rajasthan	2084	203
3.	Gujarat	2037	87
4.	Tamil Nadu	2263	15
5.	Karnataka	1465	59
6.	Telangana [^]	746	22
7.	Kerala	663	38
8.	Puducherry	307	10
9.	Andhra Pradesh	334	14
10.	Delhi	95	2
	Delhi (outside)	37	0
11.	Madhya Pradesh	79	30
12.	J & K (Jammu)	2	0
	(Kashmir)	50	12
13.	Goa	48	4
14.	Uttar Pradesh ^{\$}	38	6
15.	Haryana	30	4
16.	Punjab	32	10
17.	West Bengal [#]	21	0
18.	Odisha	29	6
19.	Chhattisgarh	9	3
20.	Uttarakhand	8	2
21.	Himachal Pradesh	4	1
22.	Jharkhand	4	1
23.	D and N Haveli	4	2
24.	Chandigarh	2	0
25.	Meghalaya	2	1
26.	Tripura	1	0
27.	Andaman & Nicobar	0	0
28.	Arunachal Pradesh	0	0
29.	Assam	0	0
30.	Bihar	0	0
31.	Daman & Diu	0	0
32.	Lakshadweep	0	0
33.	Manipur	0	0
34.	Mizoram	0	0
35.	Nagaland	0	0
36.	Sikkim	0	0
	Cumulative Total	12942	954

[^]As on 01.12.2018; ^{\$}As on 30.11.2018; [#]As on 19.08.2018

Cumulative cases and deaths reported on the existing week also include those of previous weeks.

Source: Prepared on the basis of Daily report received to Central Surveillance Unit, Integrated Disease Surveillance Programme (IDSP) from State Surveillance Unit (IDSP) and Concerned Department of Health of States/UTs