

**GOVERNMENT OF INDIA
MINISTRY OF HOME AFFAIRS**

**LOK SABHA
UNSTARRED QUESTION NO. 1283**

TO BE ANSWERED ON THE 27TH JULY, 2021/ SRAVANA 5, 1943 (SAKA)

DEATH DUE TO EXTREME WEATHER

1283. SHRIMATI MANEKA SANJAY GANDHI:

Will the Minister of HOME AFFAIRS be pleased to state:

(a) the data on the number of deaths occurred due to extreme weather conditions i.e winter, cold-wave in Northern India for 2019 and 2020, State wise.

(b) whether the Union Government or the State Governments have any action plan to tackle cold wave disasters, if so, the details thereof?

(c) whether the Government has proposed any project to conduct research studies to record the impact of these conditions and undertaken any pilot projects to improve the technical and technological capacity of the State and if so, the details thereof.

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS
(SHRI NITYANAND RAI)**

(a): The data on deaths due to extreme weather conditions i.e. winter and cold wave is not being maintained centrally by the Ministry of Home Affairs. However, as per information received from National Crime Record Bureau (NCRB), the details of the deaths caused due to exposure to cold during 2019 are at Annexure.

(b) &(c): From 2016-17, Indian Meteorological Department (IMD) started forecast Demonstration Project (FDP) for winter weather systems and the same is conducted during the period from December to February. It takes care of the prediction of weather associated with winter weather systems like rainfall/ snowfall, fog, cold wave and ground frost.

It is an integrated national campaign including IMD and other institutes like National Centre for Medium Range Weather Forecasting (NCMRWF), Indian Institute of Tropical Meteorology (IITM), Indian Air Force(IAF), Space Application Centre etc. Under this programme, monitoring of the weather phenomena is conducted vigorously during the period using various technologies and different models including Numerical Weather Prediction models. Satellite and Radar products are analysed to predict the development of cold wave and other winter weather systems. A report on the observed as well as forecast weather for next 5 days for various cold wave conditions and other winter weather events like western disturbance, rainfall, snowfall, thunderstorm and fog is prepared on daily basis and the same is shared with all concerned.

State/UT wise Number of Deaths Due to Exposure to Cold during 2019

Sl.	State / UT	Number of Deaths due to Exposure to Cold
STATES:-		
1	ANDHRA PRADESH	0
2	ARUNACHAL PRADESH	1
3	ASSAM	0
4	BIHAR	131
5	CHHATTISGARH	8
6	GOA	0
7	GUJARAT	13
8	HARYANA	62
9	HIMACHAL PRADESH	13
10	JAMMU & KASHMIR	1
11	JHARKHAND	119
12	KARNATAKA	0
13	KERALA	0
14	MADHYA PRADESH	21
15	MAHARASHTRA	22
16	MANIPUR	0
17	MEGHALAYA	1
18	MIZORAM	0
19	NAGALAND	0
20	ODISHA	1
21	PUNJAB	141
22	RAJASTHAN	49
23	SIKKIM	3
24	TAMIL NADU	0
25	TELANGANA	0
26	TRIPURA	1
27	UTTAR PRADESH	190
28	UTTARAKHAND	18
29	WEST BENGAL	1
	Total (States)	796
UNION TERRITORIES		
30	A & N ISLANDS	0
31	CHANDIGARH	0
32	D & N HAVELI	0
33	DAMAN & DIU	0
34	DELHI (UT)	0
35	LAKSHADWEEP	0
36	PUDUCHERRY	0
	Total (UTs)	0
	TOTAL (ALL INDIA)	796

Source: 'Accidental Deaths and Suicides in India' as per data provided by States/UTs.