

GOVERNMENT OF INDIA  
MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING  
DEPARTMENT OF ANIMAL HUSBANDRY AND DAIRYING  
RAJYA SABHA

ADMITTED UNSTARRED QUESTION No.92  
TO BE ANSWERED ON 02<sup>ND</sup> FEBRUARY, 2024

**LOSS OF LIVESTOCK DUE TO EPIDEMICS**

92. DR.V. SIVADASAN:

Will the Minister of FISHERIES, ANIMAL HUSBANDRY AND DAIRYING be pleased to state:

- a) the number of livestock that perished or culled due to epidemics during the last five years, species-wise, State-wise and year-wise;
- b) the amount of loss suffered by farmers on account of the loss of livestock due to epidemics during last five years, species-wise, State-wise and year-wise; and
- c) the amount of compensation given to farmers on account of the loss of livestock due to epidemics during last five years, species-wise, State-wise and year-wise?

**ANSWER**

**THE MINISTER FOR FISHERIES, ANIMAL HUSBANDRY AND DAIRYING  
(SHRI PARSHOTTAM RUPALA)**

(a). The details and number of livestock that perished or culled due to epidemics namely Lumpy Skin Disease (LSD) in cattle, Foot and Mouth Disease (FMD) in bovines, African Swine fever (ASF) in pigs and Highly Pathogenic Avian Influenza (HPAI) in avian species during the last five years are placed at **Annexure-1**

(b). Department of Animal Husbandry and Dairying (DAHD), Government of India do not maintain such data. However, as informed by the states and as per the NDRF norms the indicative amount of loss suffered by farmers on account of the loss of livestock due to epidemics namely LSD, FMD, ASF and HPAI during the last five years are placed at **Annexure-2**

(c). Animal Husbandry is a state subject. DAHD does not have any scheme to compensate farmers on account of the loss of livestock due to epidemics. However, DAHD under the component Assistance to States for Control of Animal Diseases (ASCAD) provides financial support to the states/UTs as per the demand on 50:50 (Centre: State) sharing basis to compensate the animal owners for animals culled to control the epidemics namely ASF and HPAI (no culling is followed for LSD and FMD) and the details of funds released to the state/UTs during the last five years are placed at **Annexure-3**

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## ANNEXURE-1

Details of animal death due to Lumpy Skin Disease (LSD) in cattle (not reported before 2019)						
Sl.No.	State/ UT	2019	2020	2021	2022	2023
		Died	Died	Died	Died	Died
1	Andhra Pradesh	0	0	0	271	3
2	Assam	0	0	0	0	3579
3	Bihar	0	0	0	4	6
4	Goa	0	0	0	1	1
5	Gujarat	0	0	0	6193	11
6	Haryana	0	0	0	2938	0
7	Himachal Pradesh	0	0	0	11033	999
8	Jammu & Kashmir	0	0	0	2698	0
9	Karnataka	0	0	0	24743	28
10	Kerala	0	0	0	192	681
11	Madhya Pradesh	0	0	0	696	81
12	Maharashtra	0	0	0	30513	17886
13	Meghalaya	0	0	0	0	136
14	Mizoram	0	0	0	0	4
15	Nagaland	0	0	0	0	49
16	Odisha	0	0	0	95	11
17	Punjab	0	0	0	17932	0
18	Rajasthan	0	0	0	75820	0
19	Sikkim	0	0	0	0	2888
20	Tamil Nadu	0	0	0	1	0
21	Telangana	0	0	0	70	0
22	Uttar Pradesh	0	0	0	647	69
23	Uttarakhand	0	0	0	921	786
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>174768</b>	<b>27218</b>

Details of animal death due to Foot & Mouth Disease (FMD) in Bovine							
Sl.No.	State/ UT	2018	2019	2020	2021	2022	2023
1	Arunachal Pradesh	0	32	0	0	0	0
2	Assam	23	6	0	9	0	3
3	Bihar	6	0	0	28	18	0
4	Gujarat	2	8	0	20	0	0
5	Himachal Pradesh	35	0	0	6	0	0
6	Jammu & Kashmir	12	0	0	86	0	0
7	Jharkhand	0	13	6	0	1	0
8	Karnataka	43	3	2	17	3	4
9	Kerala	73	3	19	32	0	2
10	Madhya Pradesh	0	0	0	5	0	0
11	Maharashtra	0	22	0	0	21	9
12	Manipur	0	4	4	0	0	0
13	Meghalaya	0	0	0	0	1	0
14	Mizoram	0	12	0	0	0	0
15	Nagaland	0	0	0	1	0	0
16	Odisha	47	0	0	16	0	1
17	Punjab	0	35	0	19	0	0
18	Rajasthan	0	0	0	0	0	6
19	Tamil Nadu	0	0	0	16	0	5
20	Telangana	0	0	0	1	0	0
21	Tripura	0	8	0	0	0	0
22	Uttar Pradesh	0	0	0	51	0	0
23	Uttarakhand	0	0	0	3	0	0
24	West Bengal	363	1	0	6	0	0
25	Delhi	0	0	0	10	0	0
	<b>Total</b>	<b>604</b>	<b>147</b>	<b>31</b>	<b>326</b>	<b>44</b>	<b>30</b>

Details of animal death due to African Swine Fever (ASF) in Pigs (not reported before 2020)								
Sl.No.	State/ UT	2020	2021		2022		2023	
		Died	Died	culled	Died	culled	Died	culled
1	Andhra Pradesh	0	0	0	0	0	24	1
2	Arunachal Pradesh	213	0	0	7571	1881	0	0
3	Assam	3488	0	0	38971	1181	0	0
4	Bihar	0	0	0	1347	170	0	0
5	Goa	0	0	0	1	0	0	0
6	Haryana	0	0	0	1082	623	0	0
7	Himachal Pradesh	0	0	0	0	0	71	0
8	Jharkhand	0	0	0	1	0	0	0
9	Karnataka	0	0	0	1295	1641	914	390
10	Kerala	0	0	0	128	1028	0	0
11	Madhya Pradesh	0	0	0	4599	996	195	216
12	Maharashtra	0	0	0	160	0	15	17
13	Manipur	67	0	0	103	55	4319	1681
14	Meghalaya	66	0	0	587	0	0	0
15	Mizoram	0	1302	4	12044	10756	74	13
16	Nagaland	0	933	25	6660	192	0	0
17	Punjab	0	0	0	506	1033	25	166
18	Rajasthan	0	0	0	1	0	12	0
19	Sikkim	0	0	0	332	0	0	0
20	Tamil Nadu	0	0	0	0	0	21	0
21	Tripura	0	0	0	130	238	0	0
22	Uttar Pradesh	0	0	0	156	0	11	0
23	Uttarakhand	0	0	0	985	53	0	0
24	Delhi	0	0	0	60	33	0	0
	<b>Total</b>	<b>3834</b>	<b>2235</b>	<b>29</b>	<b>76719</b>	<b>19880</b>	<b>5681</b>	<b>2484</b>

<b>Details of Poultry Death due to High Pathogenic Avian Influenza (HPAI)</b>													
<b>Sl. No</b>	<b>State/ UT</b>	<b>2018</b>		<b>2019</b>		<b>2020</b>		<b>2021</b>		<b>2022</b>		<b>2023</b>	
		<b>Died</b>	<b>Culled</b>	<b>Died</b>	<b>Culled</b>	<b>Died</b>	<b>Culled</b>	<b>Died</b>	<b>Culled</b>	<b>Died</b>	<b>Culled</b>	<b>Died</b>	<b>Culled</b>
1	Bihar	167	3269	7	1308	0	0	0	0	791	3330	16	12100
2	Chhattisgarh	0	0	0	0	0	0	745	55876	0	0	0	0
3	Gujarat	0	0	0	0	0	0	196	34943	0	0	0	0
4	Haryana	0	0	0	0	0	0	95835	173986	0	0	0	0
5	Jammu & Kashmir	0	0	0	0	0	0	9	832	0	0	0	0
6	Jharkhand	0	0	26	4823	0	0	0	0	0	0	2615	3532
7	Karnataka	0	0	0	0	28	8448	0	0	0	0	0	0
8	Kerala	0	0	0	0	37108	72009	92215	246800	28076	158422	0	0
9	Madhya Pradesh	0	0	5634	15426	110	71	195	4052			0	0
10	Maharashtra	0	0	0	0	0	0	10303	145186	1376	26932	0	0
11	Odisha	12871	15005	235	689	1348	1024	0	0	0	0	0	0
12	Punjab	0	0	0	0	0	0	69156	145088	0	0	0	0
13	Uttar Pradesh	0	0	0	0	0	0	3	14628	0	0	0	0
	<b>Total</b>	<b>13038</b>	<b>18274</b>	<b>5902</b>	<b>22246</b>	<b>38594</b>	<b>81552</b>	<b>268657</b>	<b>821391</b>	<b>30243</b>	<b>188684</b>	<b>2631</b>	<b>15632</b>

## ANNEXURE-2

Details of loss of livestock as per NDRF Norms (Cattle @ Rs. 30000, Pig @ Rs 3000 and Avian @Rs 50) taking into account animal/poultry death as per Annexure-1 during the last five years

Year	Name of State	Loss due to FMD (Bovine)(Rs. In Lakh) (Rs 30000/Bovine)
2018	Assam	6.90
	Bihar	1.80
	Gujarat	0.60
	Himachal Pradesh	10.50
	Jammu & Kashmir	3.60
	Karnataka	12.90
	Kerala	21.90
	Odisha	14.10
	West Bengal	108.90
	<b>Total</b>	<b>181.20</b>
2019	Arunachal Pradesh	9.60
	Assam	1.80
	Gujarat	2.40
	Jharkhand	3.90
	Karnataka	0.90
	Kerala	0.90
	Maharashtra	6.60
	Manipur	1.20
	Mizoram	3.60
	Punjab	10.50
	Tripura	2.40
	West Bengal	0.30
	<b>Total</b>	<b>44.10</b>
2020	Jharkhand	1.80
	Karnataka	0.60
	Kerala	5.70
	Manipur	1.20
	<b>Total</b>	<b>9.30</b>
2021	Assam	2.70
	Bihar	8.40
	Gujarat	6.00
	Himachal Pradesh	1.80
	Jammu & Kashmir	25.80
	Karnataka	5.10
	Kerala	9.60
	Madhya Pradesh	1.50
	Nagaland	0.30
	Odisha	4.80
	Punjab	5.70
	Tamil Nadu	4.80
	Telangana	0.30
	Uttar Pradesh	15.30
	Uttarakhand	0.90
West Bengal	1.80	
Delhi	3.00	
<b>Total</b>	<b>97.80</b>	

Year	Name of State	Loss due to FMD (Bovine)(Rs. In Lakh) (Rs 30000/Bovine)
2022	Bihar	5.40
	Jharkhand	0.30
	Karnataka	0.90
	Maharashtra	6.30
	Meghalaya	0.30
	<b>Total</b>	<b>13.20</b>
2023	Assam	0.9
	Karnataka	1.2
	Kerala	0.6
	Maharashtra	2.7
	Odisha	0.3
	Rajasthan	1.8
	Tamil Nadu	1.5
<b>Total</b>	<b>9.00</b>	
	<b>Grand Total</b>	<b>354.60</b>

Year	Name of State	Loss due to LSD (Cattle) (Rs. in Lakh) (Rs 30000/cattle)
2022	Andhra Pradesh	81.30
	Bihar	1.20
	Goa	0.30
	Gujarat	1857.90
	Haryana	881.40
	Himachal Pradesh	3309.90
	Jammu & Kashmir	809.40
	Karnataka	7422.90
	Kerala	57.60
	Madhya Pradesh	208.80
	Maharashtra	9153.90
	Odisha	28.50
	Punjab	5379.60
	Rajasthan	22746.00
	Tamil Nadu	0.30
	Telangana	21.00
	Uttar Pradesh	194.10
	Uttarakhand	276.30
<b>Total</b>	<b>52430.40</b>	
2023	Andhra Pradesh	0.90
	Assam	1073.70
	Bihar	1.80
	Goa	0.30
	Gujarat	3.30
	Himachal Pradesh	299.70
	Karnataka	8.40
	Kerala	204.30
	Madhya Pradesh	24.30
	Maharashtra	5365.80
	Meghalaya	40.80
	Mizoram	1.20
	Nagaland	14.70
	Odisha	3.30
	Sikkim	866.40
	Uttar Pradesh	20.70
	Uttarakhand	235.80
	<b>Total</b>	<b>8165.40</b>
<b>Grand Total</b>	<b>60595.80</b>	



Year	Name of State	Loss due to ASF (Pig) (Rs. In Lakh) (Rs 3000/Pig)
2020	Arunachal Pradesh	6.39
	Assam	104.64
	Manipur	2.01
	Meghalaya	1.98
	<b>Total</b>	<b>115.02</b>
2021	Mizoram	39.06
	Nagaland	27.99
	<b>Total</b>	<b>67.05</b>
2022	Arunachal Pradesh	227.13
	Assam	1169.13
	Bihar	40.41
	Goa	0.03
	Haryana	32.46
	Jharkhand	0.03
	Karnataka	38.85
	Kerala	3.84
	Madhya Pradesh	137.97
	Maharashtra	4.80
	Manipur	3.09
	Meghalaya	17.61
	Mizoram	361.32
	Nagaland	199.80
	Punjab	15.18
	Rajasthan	0.03
	Sikkim	9.96
	Tripura	3.90
	Uttar Pradesh	4.68
	Uttarakhand	29.55
Delhi	1.80	
<b>Total</b>	<b>2301.57</b>	
2023	Andhra Pradesh	0.72
	Himachal Pradesh	2.13
	Karnataka	27.42
	Madhya Pradesh	5.85
	Maharashtra	0.45
	Manipur	129.57
	Mizoram	2.22
	Punjab	0.75
	Rajasthan	0.36
	Tamil Nadu	0.63
	Uttar Pradesh	0.33
<b>Total</b>	<b>170.43</b>	
	<b>Grand Total</b>	<b>2654.07</b>

<b>Year</b>	<b>Name of State</b>	<b>Loss due to HPAI (Avian) (Rs. in Lakh) (Rs 50/Bird)</b>
2018	Odisha	6.49
	Bihar	0.08
	<b>Total</b>	<b>6.58</b>
2019	Bihar	0.00
	Jharkhand	0.01
	Odisha	0.12
	Madhya Pradesh	2.82
	<b>Total</b>	<b>2.95</b>
2020	Odisha	0.67
	Karnataka	0.01
	Kerala	18.55
	Madhya Pradesh	0.06
	<b>Total</b>	<b>19.30</b>
2021	Gujarat	0.06
	Maharashtra	5.15
	Chhattisgarh	0.24
	Madhya Pradesh	0.10
	Haryana	47.92
	J&K	0.00
	Kerala	23.20
	Punjab	34.58
	Uttar Pradesh	0.00
	<b>Total</b>	<b>111.25</b>
2022	Bihar	0.40
	Maharashtra	0.69
	Kerala	7.02
	<b>Total</b>	<b>8.10</b>
2023	Bihar	0.01
	<b>Total</b>	<b>0.01</b>
	<b>Grand Total</b>	<b>148.19</b>

## ANNEXURE-3

<b>Details of funds (compensation) released to the state/UTs during the last five years under ASCAD in respect to ASF and HPAI (Rs. in Lakh)</b>						
<b>Sl. No.</b>	<b>Names of States /UTs</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>
1	Bihar	5.00 (HPAI-Avian)	0.00	0.00	1.25 (ASF-Pigs)	0.00
2	Haryana	0.00	200.00(HPAI-Avian)	0.00	0.00	100.00 (ASF-Pig ,AI- Avian)
4	Karnataka	0.00	50.00(HPAI-Avian)	0.00	43.75 (ASF-Pigs)	200.00 (ASF-Pig)
5	Maharashtra	0.00	500.00(HPAI-Avian)	500.24 (HPAI-Avian)	0.00	23.00 (AI-Avian)
6	Madhya Pradesh	5.00 (HPAI-Avian)	0.00	0.00	2.50 (ASF-Pigs)	10.00 (AI-Avian)
7	Odisha	0.17 (HPAI-Avian)	0.00	0.00	0.00	10.00 (ASF-Pig AI-Avian)
8	Sikkim	0.00	0.00	0.00	37.51 (ASF-Pigs)	0.00
9	Uttar Pradesh	0.00	0.00	24.00 (HPAI-Avian)	30.00 (ASF-Pigs)	0.00
10	Uttarakhand	0.00	0.00	0.00	1.00 (ASF-Pigs)	1.00 (ASF-Pig , AI-Avian)
11	Jammu & Kashmir	0.00	25.00(HPAI-Avian)	0.00	0.00	10.00 (AI-Avian)
12	Meghalaya	0.00	0.00	0.00	0.00	50.00 (ASF-Pig ,AI-Avian)
13	Gujarat	0.00	0.00	0.00	0.00	40.75 (ASF-Pig ,AI- Avian)
14	Manipur	0.00	0.00	0.00	0.00	15.00 (ASF-Pig)
15	Kerala	0.00	0.00	0.00	0.00	710.37 (ASF-Pig& AI-Avian)
	<b>Total</b>	<b>10.17</b>	<b>775.00</b>	<b>524.24</b>	<b>116.01</b>	<b>1170.12</b>

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