

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

**LOK SABHA
UNSTARRED QUESTION NO. 4103
TO BE ANSWERED ON 04TH JANUARY, 2019**

STORAGE FACILITIES FOR VACCINES

**4103. SHRI KUNDARIYA MOHAN BHAI KALYANJI BHAI:
SHRI BHOLA SINGH:**

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

- (a) whether the Government is aware of lack of storage facility of vaccines in the rural and backward areas of the country, if so, the details thereof;
- (b) whether the Government proposes to extend financial and technical support to the States/UTs for proper storage of vaccines in the rural areas, particularly those with inadequate supply of electricity;
- (c) if so, the details thereof during each of the last three years and the current year, State/UT-wise;
- (d) whether the Government proposes to encourage use of solar powered refrigerators and vaccine coolers to store vaccines in the rural areas; and
- (e) if so, the details thereof?

**ANSWER
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND
FAMILY WELFARE
(SHRI ASHWINI KUMAR CHOUBEY)**

(a): There is no shortage of storage space for vaccines all over the country including in rural and backward areas.

(b): Government of India provides all the required cold chain equipment for storing vaccines viz. Ice lined Refrigerators (ILRs), Deep Freezers (DFs), Walk-in-coolers (WIC), Walk-in Freezers (WIF), Solar refrigerators free of cost to all states/UTs as per their requirement.

ILRs storing vaccines have adequate hold over time (22 hours) on at least 8 hours of intermittent electricity supply in 24 hours.

Moreover, ministry has provided more than 400 solar refrigerators to store vaccines where the power supply is erratic.

(c): Details are annexed at Annexure 1.

(d): Ministry has provided solar refrigerators to store vaccines to states/UTs at the locations where there is inadequate power supply.

(e): Details are annexed at Annexure 2.

Annexure 1

S.No.	State	Supplied in 2015-16		Supplied in 2016-17				Supplied in 2017-18				Supplied in 2018-19			
		ILR	DF	ILR	DF	WIC	WIF	ILR	DF	WIC	WIF	ILR	DF	WIC	WIF
1	A&N	0		5	5			7	5						
2	Andhra Pradesh	20	8	60	120		1	1129	1045	1	1				
3	Arunachal Pradesh	0		5	5			86	48						
4	Assam	0		30	50	1		330	295		1				
5	Bihar	135	65	110	100	2		599	143	3	2		15		
6	Chandigarh	16	11	5	5			43	58						
7	Chhattisgarh	10	15	50	50	1		162	219			30	30		
8	Dadra & Nagar	0		10	10			10	10						
9	Daman & Diu	0		10	10			11	10						
10	Delhi	36	14	45	20			198	153			75	68		
11	Goa	0		10	10			14	10						
12	Gujarat	20	10	104	100	1	1	874	570	1	1				
13	Haryana	9	3	60	45	1		295	114	5	1				
14	Himachal Pradesh	30	22	50	20			247	248						
15	Jammu & Kashmir	40	32	80	80			342	306						
16	Jharkhand	45	25	65	45	1	1	333	209						
17	Karnataka	55	35	85	60			1140	1093	1	1				
18	Kerala	55	35	71	60			865	859			66	61		
19	Lakshadweep	0		3	1			14	10						

Note:

ILR- Ice lined Refrigerator, DF- Deep Freezer,
WIC- Walk-in-cooler, WIF- Walk-in Freezer

S.No.	State	Supplied in 2015-16		Supplied in 2016-17				Supplied in 2017-18				Supplied in 2018-19			
		ILR	DF	ILR	DF	WIC	WIF	ILR	DF	WIC	WIF	ILR	DF	WIC	WIF
20	Madhya Pradesh	145	70	120	90	2	1	494	333		1		60		
21	Maharashtra	0		140	80	2	0	941	855						
22	Manipur	0		5	5			43	38						
23	Meghalaya	0		5	4			43	38			21	2		
24	Mizoram	0		5	5	1		43	38						
25	Nagaland	0		5	2			62	65						
26	Odisha	70	45	110	70	1	1	504	447						
27	Puducherry	12	4	5	5			21	23						
28	Punjab	56	14	40	20			352	380		1				
29	Rajasthan	41	8	80	35			551	285						
30	Sikkim	0		2	2			52	48						
31	Tamil Nadu	67	35	85	70	1		893	803	1	1				
32	Telangana	16	8	85	50			513	475	1	1				
33	Tripura	0		5	5			71	57						
34	Uttar Pradesh	92	19	130	80	2		1140	570	1	2				
35	Uttarakhand	30	27	40	50		1	282	260						
36	West Bengal	0	0	130	100			546	447		2				
	Total	1000	505	1850	1469	16	6	13250	10567	14	14	192	236	0	0

Note:

ILR- Ice lined Refrigerator, DF- Deep Freezer,

WIC- Walk-in-cooler, WIF- Walk-in Freezer

State	Quantity (in nos)
Andaman & Nicobar Islands	7
Andhra Pradesh	0
Arunachal Pradesh	49
Assam	41
Bihar	10
Chandigarh	0
Chhattisgarh	36
Dadara & Nagar Haveli	0
Daman & Diu	0
Delhi	0
Goa	0
Gujarat	1
Haryana	0
Himachal Pradesh	4
Jammu and Kashmir	18
Jharkhand	22
Karnataka	2
Kerala	0
Lakshadweep	0
Madhya Pradesh	34
Maharashtra	16
Manipur	30
Meghalaya	19
Mizoram	10
Nagaland	22
Odisha	17
Puducherry	0
Punjab	0
Rajasthan	19
Sikkim	9
Tamil Nadu	0
Telangana	0
Tripura	2
Uttar Pradesh	19
Uttarakhand	17
West Bengal	0
Total	404