

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

**LOK SABHA
UNSTARRED QUESTION NO. 4389
TO BE ANSWERED ON 12TH AUGUST, 2016**

STORAGE OF VACCINES

4389. SHRI PRATHAP SIMHA:

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

- (a) whether the Government proposes to provide financial and technical support to the States/UTs for proper storage of vaccines in the rural areas and if so, the details thereof, State/UT-wise;
- (b) whether the Government proposes to encourage the use of solar powered refrigerators i.e. deep freezes, vaccine cooler, Ice Lined Refrigerators (ILRs) to store vaccines and also make use of solar inverters in Primary Health Centers (PHCs) and if so, the details thereof ; and
- (c) the further steps taken by the Government in this regard?

**ANSWER
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND
FAMILY WELFARE
(SHRI FAGGAN SINGH KULASTE)**

(a): Government of India is providing cold chain equipments (both conventional and solar powered) and related logistics for proper storage of vaccines to States/UTs under Immunization programme as per details at **Annexure I**. In addition financial and technical support is extended to the State/UTs for proper maintenance of these equipments. State/UTs wise cold chain fund allocation is at **Annexure II**.

(b) & (c): Government of India has already provided Solar powered refrigerators including solar inverters to State/UTs for storage of vaccines. The State/UTs wise details of solar equipments including solar inverter supplied for storage of vaccines are at **Annexure III**.

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Annexure I**Cold Chain Equipment (CCE) available with States/UTs for proper storage of vaccine**

States/UTs	Non Electrical CCE		Electrical CCE			
	Vaccine Carrier	Cold Box	Ice Lined Refrigerator	Deep Freezer	Walk In Cooler	Walk In Freezer
Andaman & Nicobar Islands	330	10	39	40	1	0
Andhra Pradesh	59246	2845	1441	1297	11	0
Arunachal Pradesh	380	100	224	201	2	0
Assam	54109	2332	1018	924	8	1
Bihar	60327	6131	1250	965	18	3
Chandigarh	1056	17	67	55	1	0
Chhattisgarh	34740	1161	942	861	3	2
Dadara & Nagar Haveli	331	21	30	30	0	0
Daman & Diu	80	8	21	15	0	0
Delhi	834	24	403	384	2	0
Goa	903	75	60	54	2	0
Gujarat	78144	3537	2121	1959	10	1
Haryana	33188	1404	947	797	4	0
Himachal Pradesh	5394	308	450	440	3	1
Jammu and Kashmir	17737	856	835	656	3	0
Jharkhand	17261	1481	418	520	6	3
Karnataka	53533	3856	2841	2501	12	3
Kerala	15716	1388	1191	1130	6	1
Lakshadweep	0	0	20	10	0	0
Madhya Pradesh	119220	5031	1955	1946	10	4
Maharashtra	94424	4967	3867	3681	14	5
Manipur	3227	146	110	106	0	0
Meghalaya	10202	698	187	220	3	0
Mizoram	1329	129	93	94	1	0
Nagaland	3960	207	102	90	1	0
Odisha	44192	3250	1500	1471	11	1
Puducherry	1056	1285	57	63	0	0
Punjab	22095	1127	956	848	4	2
Rajasthan	75949	4182	3265	3139	9	2
Sikkim	1952	91	69	64	0	0
Tamil Nadu	76938	4872	1982	1802	15	2
Telangana	20654	477	829	811	4	0
Tripura	6049	323	132	152	2	1
Uttar Pradesh	197083	9545	3028	3864	20	4
Uttarakhand	22580	765	545	424	6	1
West Bengal	63629	1794	1935	1494	16	2
Total	1197848	64443	34930	33108	208	39

Source: NCCMIS data as on 8th Aug 2016

Annexure II
State/UTs wise fund allocation for cold chain maintenance
(Rs in Lakhs)

S.No.	Name of States / UTs	2015-16
1	A&N Islands	0.65
2	Andhra Pradesh	12.22
3	Arunachal Pradesh	4.68
4	Assam	9.99
5	Bihar	12.96
6	Chandigarh	0.6
7	Chhattisgarh	11.1
8	Dadra & Nagar Haveli	0.15
9	Daman & Diu	0.3
10	Delhi	6.15
11	Goa	0.66
12	Gujarat	22.33
13	Haryana	7.06
14	Himachal Pradesh	8.12
15	Jammu & Kashmir	8.68
16	Jharkhand	5.06
17	Karnataka	24.77
18	Kerala	10.22
19	Lakshadweep	0.2
20	Madhya Pradesh	19.69
21	Maharashtra	29.19
22	Manipur	2.11
23	Meghalaya	2.24
24	Mizoram	1.85
25	Nagaland	2.75
26	Orissa	15.16
27	Puducherry	0.8
28	Punjab	20.89
29	Rajasthan	27.15
30	Sikkim	0.8
31	Tamil Nadu	20.49
32	Tripura	2.24
33	Telangana	7.39
34	Uttar Pradesh	19.43
35	Uttarakhand	4.72
36	West Bengal	272.1

***Provisional data as on 8th August 2016.**

Annexure III**State wise allocation of solar equipment for storage of vaccine (1999 to till date)**

S.No.	Name of State	Number of equipments issued
1	Arunachal Pradesh	60
2	Assam	65
3	Chhattisgarh	20
4	Himachal Pradesh	10
5	Jammu & Kashmir	20
6	Madhya Pradesh	20
7	Maharashtra*	427
8	Manipur	30
9	Meghalaya	24
10	Mizoram	10
11	Nagaland	20
12	Orissa	30
13	Rajasthan	20
14	Sikkim	10
15	Tripura	10
16	Uttar Pradesh	20
17	Jharkhand	390
	Total	1186

* Mainly solar inverters