

GOVERNMENT OF INDIA
MINISTRY OF FOOD PROCESSING INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO.4119
ANSWERED ON 20TH MARCH, 2018

COLD CHAIN INFRASTRUCTURE

4119. SHRI SANJAY DHOTRE:
SHRI RAHUL SHEWALE:
SHRI JYOTIRADITYA M. SCINDIA:
SHRI GAURAV GOGOI:
SHRI DILIP PATEL:

Will the Minister of FOOD PROCESSING INDUSTRIES be pleased to state:

- (a) the number of capacity of cold chain infrastructures/cold storages units in each State/UT;
- (b) whether there is a huge gap between requirement and availability of cold chain infrastructure/cold storages in the country and if so, the details thereof, State/UT-wise along with the reasons therefor;
- (c) whether the cold chain infrastructures/cold storage facilities in the country are either ill-equipped or inadequate to protect perishable produce from wastage and if so, the details thereof and the steps taken by the Government in this regard;
- (d) the details of funds—allocated, sanctioned and released for setting up and upgradation of cold chain infrastructure/cold storages under the National Mission on Food Processing (NMFP) in the country during each of the last three years and the current year, State/UT-wise;
- (e) whether the Government has developed cold chain infrastructure under the Public Private Partnership mode in the country during the said period and if so, the details thereof; and
- (f) whether the capacity of cold chain infrastructure for processing and storage of agricultural and horticultural produce has been enhanced in the country during the said period and if so, the details thereof, State/UT-wise?

ANSWER

THE MINISTER OF STATE FOR FOOD PROCESSING INDUSTRIES
(SADHVI NIRANJAN JYOTI)

(a) to (c): Ministry of Food Processing Industries is implementing a central sector Scheme for Integrated Cold Chain and Value Addition Infrastructure in order to arrest post-harvest losses of horticulture & non-horticulture produce and to provide remunerative prices to farmers. State-wise details of Integrated Cold Chain Projects sanctioned by Ministry of Food Processing Industries in the country with the capacity of cold chain/Cold storage infrastructure are at **Annexure-I**. National Horticulture Board has conducted a study on “all India Cold Storage Capacity & Technology-Baseline Survey” through M/s Hansa Research Group Pvt Ltd., Mumbai. The report contains data for cold storages which were constructed up to March,2013 (i.e. up to 2012-13). As per this report, 5367 cold storages were

operational in the country. As per the information available as on 31.12.2017, there were 7845 cold storages with a capacity of 35.88 million MT in the country.

Besides, National Center for Cold Chain Development (NCCD) under Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture & Farmers Welfare had commissioned a study on “All India Cold Chain Infrastructure Capacity (Assessment of Status & Gap)” conducted by NABARD Consultancy Services Pvt. Ltd.(NABCONS). As per the gap study, the cold chain requirement in the country stands at 35 million tonnes of cold storage vis-a vis available capacity of 32 million tonnes. The study has made the following gap analysis of cold chain infrastructure:

Type of Infrastructure	Infrastructure Requirement (A)	Infrastructure created (B)	All India Gap (A-B)
Pack-house	70,080 nos.	249 nos.	69,831 nos.
Cold Storage (Bulk)	34,164,411 MT	31,823,700 MT	32,76,962 MT
Cold Storage (Hub)	9,36,251 MT		
Reefer Vehicles	61826 nos.	9000 nos.	52826 nos.
Ripening Chamber	9131 nos.	812 nos.	8319 .

The study was primarily based on requirement of fruits & vegetables and has excluded the requirement for milk, meat, marine and processed products.

Ministry does not have any information that cold chain infrastructure/cold storage facility in the country are ill-equipped.

(d): Details of year wise funds allocated and released by Ministry under the scheme for Integrated Cold Chain and Value Addition Infrastructure during last three years and the current year are at **Annexure-II**. State/UT wise funds are not allotted under the scheme of Cold Chain, Value Addition and Preservation Infrastructure.

(e): Cold Chain infrastructure under Public Private Partnership (PPP) mode is supported under the Viability Gap Funding (VGF) Scheme of the Ministry of Finance. However, till date no proposal to set up cold chain project/cold storage under the PPP mode has been received in this Ministry.

(f): Ministry of Food Processing Industries is presently assisting 238 cold chain projects in the country under the Scheme of Integrated Cold Chain and Value Addition Infrastructure. Out of this, 133 cold chain projects have been sanctioned during the last three years i.e., from 2014-15 till date. Operationalization of these 238 cold chain projects envisages creation of a cold chain capacity of about 7.63 lakh MT of Cold Storage/Controlled Atmosphere/Deep Freezer Storage, 227.75 MT/Hr of Individual Quick Freeze, 107.99 lakh Litre Per Day of Milk Processing/Storage and 1393 nos. of Reefer Vehicles. Out of this, Ministry has so far created a capacity of 4.68 lakh metric tonnes of cold storage, 125.71 metric tonnes per hour of Individual Quick Freezing (IQF), 50.14 lakh litres per day of Milk processing/ storage and 696 reefer vans.

ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (c) OF LOK SABHA UNSTARRED QUESTION NO. 4119 ANSWERED ON 20.03.2018 REGARDING COLD CHAIN INFRASTRUCTURE

State-wise details of Integrated Cold Chain Projects sanctioned by Ministry of Food Processing Industries in the country with the capacity of cold chain/Cold storage infrastructure.

State	No. of project	Total Capacity of Cold Storage/ CA/MA Storage/ Deep Freezer (Lakh MT)
Andhra Pradesh	8	0.23
Andman & Nicobar	1	0.006
Arunachal Pradesh	1	0.01
Assam	2	0.081
Bihar	3	0.035
Chhattisgarh	2	0.085
Gujarat	19	0.351
Haryana	9	0.476
Himachal Pradesh	12	0.326
Jammu & Kashmir	6	0.073
Karnataka	9	0.26
Kerala	4	0.173
Madhya Pradesh	8	0.182
Maharashtra	54	1.82
Manipur	2	0.055
Mizoram	2	0.005
Nagaland	2	0.012
Odisha	2	0.02
Punjab	16	0.49
Rajasthan	10	0.434
Tamil Nadu	8	0.28
Telangana	7	0.17
Uttar Pradesh	23	0.663
Uttarakhand	20	0.805
West Bengal	8	0.57
Total	238	7.612

ANNEXURE REFERRED TO IN REPLY TO PART (d) OF LOK SABHA UNSTARRED QUESTION NO. 4119 ANSWERED ON 20.03.2018 REGARDING COLD CHAIN INFRASTRUCTURE

Details of year wise funds allocated and released by Ministry under the scheme of Cold Chain, Value Addition and Preservation Infrastructure during last three years and the current year.

Year	BE (Rs. Crore)	RE (Rs. Crore)	Expenditure (Rs. Crore)
2014-15	160.00	153.36	153.36
2015-16	181.00	180.50	160.35
2016-17	158.23	185.21	184.88
2017-18	180.00	198.39	186.34
			(As on 15.03.2018)
Total			684.93