

GOVERNMENT OF INDIA
MINISTRY OF FOOD PROCESSING INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 6230
ANSWERED ON 02ND APRIL 2026

INTEGRATED COLD CHAIN AND VALUE ADDITION INFRASTRUCTURE

6230. SHRI TAPIR GAO:
SHRI KRISHNA PRASAD TENNETI:
SHRI JAGDAMBIKA PAL:
DR. HEMANG JOSHI:
SHRI BHOJRAJ NAG:
SHRI DULU MAHATO:
SMT. SANJNA JATAV:
SHRI BIBHU PRASAD TARAI:

Will the Minister of Food Processing Industries be pleased to state:

- (a) the number of projects approved and operationalised under the integrated cold chain and value addition infrastructure to strengthen farm-to-consumer cold storage and logistics infrastructure in the country including Rajasthan and Uttar Pradesh, district-wise;
- (b) the cold storage capacity, refrigerated transport and pack house infrastructure created under the Pradhan Mantri Kisan Sampada Yojana in the country including the said States; and
- (c) the extent to which these projects have contributed to reduction of post-harvest losses and improvement of value addition in the agricultural and food processing sector?

ANSWER

THE MINISTER OF STATE FOR FOOD PROCESSING INDUSTRIES
(SHRI RAVNEET SINGH)

(a) : As on 31.12.2025, 402 projects have been approved across the country including 14 and 26 projects in the State of Rajasthan and Uttar Pradesh respectively under the component scheme-Integrated Cold Chain and Value Addition Infrastructure(Cold Chain scheme) of Pradhan Mantri Kisan Sampada Yojana (PMKSY). Out of 402 projects, 301 have been completed and started commercial operations across the country including 13 and 20 completed and operational projects in the State of Rajasthan and Uttar Pradesh respectively. District-wise distribution of cold chain projects approved under Cold Chain scheme across the country including the State of Rajasthan and Uttar Pradesh is provided at **Annexure**.

(b) : As on 31.12.2025, under PMKSY, 690 cold storage facilities with preservation capacity of about 51.85 lakh MT per annum have been created and procurement of 1,768 reefer vehicles have been supported through 422 completed and operational food processing projects approved under various component schemes of PMKSY across the country, which includes cold storage capacity of 0.506 LMT and 68 reefer vehicles from 19 completed and operational food processing projects in the State of Rajasthan and cold storage capacity of 0.755 LMT and 121 reefer vehicles from 29 completed and operational food processing projects in the State of Uttar Pradesh.

(c) : The Ministry of Food Processing Industries estimates post-harvest losses from time to time for various agri-produces in the country through commissioning of studies based on primary surveys. Two studies were commissioned by the Ministry through (i) Indian Council of Agriculture Research (ICAR) -Central Institute of Post-Harvest Engineering & Technology (CIPHET), 2015 with reference year 2012-14 and (ii) NABARD Consultancy Service Pvt. Ltd (NABCONS), 2022 with reference year 2020-22. The available studies on post-harvest losses are periodic in nature and do not provide year-wise estimates.

Thus, as per the findings of these two studies, a reduction in the post-harvest losses has been observed for the crops covered under these studies. Accordingly, the estimated percentage of post-harvest loss of various agricultural produce in India is as follows:

Crops/ Commodities	Estimated Percentage Loss	
	As per ICAR-CIPHET study (2015)	As per NABCONS study (2022)
Cereals	4.65 - 5.99	3.89-5.92
Pulses	6.36 - 8.41	5.65-6.74
Oil Seeds	3.08 - 9.96	2.87-7.51
Fruits	6.70-15.88	6.02-15.05
Vegetables	4.58-12.44	4.87-11.61
Plantation Crops & Spices	1.18-7.89	1.29-7.33
Milk	0.92	0.87
Fisheries (Inland)	5.23	4.86
Fisheries (Marine)	10.52	8.76
Meat	2.71	2.34
Poultry	6.74	5.63
Egg	7.19	6.03

A total processing and preservation capacity of 196.20 LMT/ annum created by 422 completed and operational projects under various component schemes of PMKSY helps in reducing post-harvest losses of farm produce / commodities by increasing their shelf life, enhancing their processing level / value addition and making them available throughout the year to the consumers across the country.

ANNEXURE

ANNEXURE REFERRED IN REPLY TO PART (a) OF THE LOK SABHA UNSTARRED QUESTION NO. 6230 ANSWERED ON 02.04.2026 REGARDING “INTEGRATED COLD CHAIN AND VALUE ADDITION INFRASTRUCTURE”

District-wise distribution of approved/ completed & operational projects under Cold Chain scheme as on 31.12.2025

S. No.	State/UT	District	No. of Approved Project	No. of Completed Project
1.	Andhra Pradesh			
		Anantpur	1	1
		Chittoor	3	2
		East Godavari	7	5
		Guntur	1	1
		Krishna	8	4
		Nellore	4	2
		Prakasam	1	1
		Visakhapatnam	3	2
		West Godavari	5	5
		Eluru	1	0
		YSR Kadapa	1	0
2.	Andaman & Nicobar Islands			
		Port Blair	1	1
3.	Arunachal Pradesh			
		Tawang	2	1
4.	Assam			
		Guwahati	2	2
5.	Bihar			
		Begusarai	1	1
		Gopalganj	1	0
		Patna	1	0
		Muzaffarpur	1	1
		Kishanganj	1	1
6.	Chhattisgarh			
		Dantewada	1	0
		Raipur	2	2
7.	Gujarat			
		Ahmedabad	1	1
		Anand	1	1
		Banaskantha	1	1
		Bhavnagar	1	1
		Gir Somnath	2	1
		Kheda	1	1
		Mehsana	10	8
		Morbi	2	2

S. No.	State/UT	District	No. of Approved Project	No. of Completed Project
		Panchmhal	1	1
		Sabarkantha	2	2
		Surat	2	1
		Vadodara	2	2
		Navsari	2	0
		Valsad	1	1
8.	Haryana			
		Bawal	1	1
		Faridabad	1	1
		Gurugram	1	1
		Gannaur	1	0
		Hissar	2	2
		Jhajjar	1	1
		Mewat	1	1
		Nuh	1	0
		Palwal	2	2
		Panchkula	1	1
		Panipat	1	0
		Rewari	1	1
		Sirsa	1	1
		Sonepat	8	6
9.	Himachal Pradesh			
		Shimla	7	4
		Solan	7	6
		Una	2	2
		Kullu	1	1
10.	Jammu & Kashmir			
		Baramula	1	1
		Kathua	1	0
		Pulwama	2	2
		Rangreth	1	1
		Sirnagar	1	1
		Samba	1	0
11.	Karnataka			
		Banglore	1	1
		Belgaum	3	2
		Bijapur	1	1
		Dakshin Kannada	3	2
		Hassan, Belgam, Bangalore	1	1
		Haveri	1	1
		Kolar	1	1
		Ramnagara	2	2

S. No.	State/UT	District	No. of Approved Project	No. of Completed Project
		Tumkuar	2	1
		Udupi	1	1
		Uttar Kannada	1	1
		Vijayapura	1	0
12.	Kerala			
		Alappuzha	3	2
		Kochi	1	1
		Pattanamthitta	1	1
		Ernakulam	2	0
		Idduki	1	0
		Thirssur	1	0
13.	Madhya Pradesh			
		Barwani	1	1
		Betul	2	1
		Bhopal	1	1
		Indore	1	1
		Jabalpur	3	2
		Morena	1	1
		Ujjain	1	1
		Dhar	1	0
		Jhabua	1	0
14.	Maharashtra			
		Ahmednagar	3	1
		Amravati	2	1
		Aurangabad	2	0
		Beed	2	0
		Osmanabad	1	0
		Chandrapur	1	1
		Kolhapur	1	1
		Latur	1	1
		Mumbai	2	2
		Nagpur	6	5
		Nashik	15	11
		Navi Mumbai	3	3
		Palghar	2	1
		Pune	14	13
		Raigad	8	7
		Sangli	2	1
		Satara	3	3
		Sholapur	5	3
		Srirampur	1	1
		Thane	2	2
		Pune	1	1

S. No.	State/UT	District	No. of Approved Project	No. of Completed Project
15.	Manipur			
		Senapati	1	1
16.	Mizoram			
		Aizawal	2	2
17.	Nagaland			
		Dimapur	2	1
18.	Odisha			
		Balasore	2	2
		Cuttack	1	1
		Khurda	2	1
		Sambalpur	1	0
		Balangir	2	0
19.	Punjab			
		Amritsar	1	1
		Fatehgarh Sahib	4	4
		Fazilka	1	1
		Hoshiarpur	1	1
		Jalandhar	2	2
		Kapurthala	2	2
		Ludhiana	2	2
		Moga	1	1
		Mohali	2	1
		Nawansher	1	1
		Patiala	3	3
		Ropar	1	1
		Muktsar Sahib	1	
		S A S Nagar	1	
		Sangrur	1	1
20.	Rajasthan			
		Alwar	1	1
		Bikaner	3	3
		Bundi	1	1
		Barmer	1	0
		Dholpur	1	1
		Hanumangarh	1	1
		Jaipur	4	4
		Kota	2	2
21.	Tamil Nadu			
		Chennai	1	1
		Coimbatore	2	1
		Dindigul	4	3
		Erode	1	1
		Kancheepuram	2	1

S. No.	State/UT	District	No. of Approved Project	No. of Completed Project
		Krishnagiri	1	1
		Theni	2	2
		Thiruvallur	2	2
		Tirunelveli	1	1
		Trichy	4	1
		Tuticorin	1	1
		Namakkal	1	0
		Tiruppur	1	0
22.	Telangana			
		Hyderabad	2	1
		Karimnagar	1	1
		Medak	3	3
		Mehboobnagar	1	1
		Rangareddy	2	2
		Vikarabad	1	1
		Yadadri Bhavana	1	1
		Nalgonda	2	
		Malkagiri	1	
		Sangareddy	2	
23.	Uttar Pradesh			
		Agra	2	2
		Allahabad	1	1
		Amroha	1	1
		Aligarh	1	
		Balia	1	
		Auraiya	1	1
		Badaun	1	1
		Bulandshar	1	1
		Etawah	1	
		Farukhabad	1	1
		Gautam Budh Nagar	3	3
		Gorakhpur	1	1
		Hapur	1	1
		Jalaun	2	1
		Kanpur Dehat	1	1
		Lucknow	1	
		Mathura	2	1
		Panchsheel Nagar	1	1
		Shahjahanpur	1	1
		Unnao	2	2
24.	Uttarakhand			
		Haridwar	5	3

S. No.	State/UT	District	No. of Approved Project	No. of Completed Project
		Kashipur	1	1
		Nainital	3	2
		Udham Singh Nagar	21	21
25.	West Bengal			
		Bardhaman	1	1
		Hooghly	4	3
		Howrah	4	4
		Medinipur	1	1
		North 24 Parganas	2	1
		Paschim Medinipur	1	1
		South 24 Parganas	3	1
		Total	402	301
