

GOVERNMENT OF INDIA
MINISTRY OF CONSUMER AFFAIRS, FOOD & PUBLIC DISTRIBUTION
DEPARTMENT OF FOOD AND PUBLIC DISTRIBUTION

LOK SABHA
UNSTARRED QUESTION NO. 596
TO BE ANSWERED ON 22ND JULY, 2026

MODERNISATION OF FOOD STORAGE INFRASTRUCTURE

596. SHRI ANUP SANJAY DHOTRE:

Will the Minister of CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION be pleased to state:

- (a): the details of initiatives undertaken by the Government during the last three years for modernisation of foodgrain storage infrastructure including construction of modern silos, warehouses and scientific storage facilities;
- (b): the details of storage projects sanctioned and completed in Maharashtra particularly in Akola district;
- (c): whether the Government has undertaken any assessment regarding reduction in foodgrain losses and improvement in storage efficiency through these initiatives;
- (d): if so, whether there is any proposal to establish additional modern storage infrastructure in major agricultural districts including Akola; and
- (e): if so, the details thereof along with the expected timeline for implementation?

A N S W E R
MINISTER OF STATE FOR MINISTRY OF CONSUMER AFFAIRS,
FOOD & PUBLIC DISTRIBUTION
(SHRIMATI NIMUBEN JAYANTIBHAI BAMBHANIYA)

(a): In order to keep its storage infrastructure robust and updated, department is taking various steps for Modernization as under:

(i) Construction of SILOs under PPP Mode: Steel Silo storage with bulk handling facility is highly mechanized and modernized way of storing food grains in bulk. It ensures better preservation of food grains and enhances its shelf life. If food grains are stored in Silos and transported in bulk, losses due to theft, pilferage and transportation would be negligible compared to food grains storage in bags in conventional warehouses. Steel Silos are constructed under Public Private Partnership Mode.

Further, 21.75 LMT modern Silo capacity has been created upto FY 2026-27. The details are attached at **Annexure A**.

(ii) SMART Warehouse Project: Under this project, traditional depots are converted into smart warehouses which are equipped with different sensors like smoke sensors, fire sensors & gate opening sensor etc. for monitoring key parameters such as CO₂, phosphine levels, fire hazards, humidity, unauthorized entry and temperature on real time basis.

Smart warehouse ensures real-time visibility, timely intervention, data-driven decision-making & standardized operations across all depots contributing to ensure safe, secure, and efficient food grain storage and distribution. With respect to CWC's food grain depots, Smart Warehousing Systems have been installed and commissioned at 215 CWC food grain warehouses in a phased manner, comprising:

- CCTV-based surveillance with AI analytics
- IoT sensors
- Gate and LWB (Live Weigh-Bridge) automation
- IoT-enabled smart locks

(iii) Depot Darpan portal: The Depot Darpan Portal is a digital platform being implemented in FCI and CWC, launched in May 2025, for enhanced monitoring, transparency, and efficiency of food grain storage depots under PDS.

Key features and functionalities of the Portal are as under:

- a. Enables depot/warehouse managers to upload geo-tagged data on infrastructure, operations, and financial performance.
- b. Depots assessed through a composite scoring framework covering infrastructure and operational parameters, with star ratings assigned for objective performance evaluation.
- c. Integrated with IoT sensors, CCTV, real-time dashboards, and AI tools for monitoring temperature, humidity, gas levels, security, and stock movement
- d. Data reliability ensured through 100% supervisory verification and selective third-party audits

A Mobile Application of the Portal has also been launched, providing senior officers with on-the-go access to depot ratings and performance metrics, ensuring greater flexibility and accessibility.

(iv) Further, In order to modernize the infrastructure of Food Storage Godowns, the Ministry initiated the '**Transformation of FCI**' programme during the Financial Year 2023–24. The initiative primarily focuses on the upgradation of existing godown infrastructure through replacement of old and damaged Bituminous (BT) roads with Cement Concrete (CC) roads, replacement of deteriorated Asbestos Cement (AC) sheet roofing with pre-painted colour-coated GI profile roof sheets, upgradation of illumination systems, and installation of Diesel Generator (DG) sets as power backup at Food Storage Godowns across the country.

(b): As on 01.07.2026, FCI is having 19.05 LMT storage capacity in Maharashtra which includes owned and hired capacities.

CWC has created 514825 SQFT storage capacity in Maharashtra in last 3 years.

No storage projects have been sanctioned and completed by FCI in Akola district as of now.

However, FCI has hired two Food storage godowns from CWC in Akola district. The details of the same is as under;

1. CWC Akola-I – 13572MT and
2. CWC Akola – II – 19152 MT.

(c): Digital initiatives, including Depot Darpan, Integrated Information System for Foodgrains Management Rapid Reporting Service and Anna Darpan, have been implemented to strengthen inventory management and prevent leakage/diversion of foodgrains. Through Anna darpan, the stock position is updated in real time, thereby preventing diversion and manipulation of stocks.

Further pilot depots have been selected under the SMART warehousing that aims to realise the potential of Internet of Things (IoT) technology to monitor and to track storage conditions and enable timely corrective action.

(d) & (e): Department of Food & Public Distribution (DFPD) is augmenting its storage capacity by creating capacities through Food Corporation of India (FCI).

FCI is modernising the foodgrain storage infrastructure in the State of Maharashtra through the construction of modern steel silos in a phased manner.

Under Phase-I, a steel silo with a capacity of 1.25 LMT is under construction at FSD Borivali, Maharashtra, and is likely to be completed by December 2026.

Under Phase-II, construction of steel silos with a total proposed capacity of 3.875 LMT at six locations in the State of Maharashtra has been planned. **(List attached at Annexure-B).**

Annexure referred to in the reply to Part (a) of Unstarred Question No. 596 in the Lok Sabha on 22.07.2026.

YEAR	S.N.	State	Location	Capacity (LMT)	Year/Date of completion
FY 2023-24	1	Haryana	Panipat	0.50	25.05.2023
	2	Haryana	Rohtak	0.50	18.06.2023
	3	Gujarat	Amreli (Liliya)	0.50	13.10.2023
	4	Punjab	Sangrur*	1.00	01.12.2023
	5	Bihar	Darbhangha	0.50	28.02.2024
			Total	3.00	
FY 2024-25	6	Punjab	Sahnewal	0.50	01.05.2024
	7	Bihar	Samastipur	0.50	09.05.2024
	8	Gujarat	Baroda	0.50	10.05.2024
	9	Punjab	Chhehretta	0.50	13.06.2024
	10	Punjab	Batala	0.50	14.06.2024
	11	Uttar Pradesh	Basti	0.50	24.09.2024
			Total	3.00	
FY 2025-26	12	Bihar	Buxar	0.50	23.04.2025
	13	Rajasthan	CAP Alwar	0.75	06.05.2025
	14	Bihar	Khagaria	0.50	02.06.2025
	15	Uttar Pradesh	Sandila	0.75	10.06.2025
	16	Punjab	BG Malout	1.50	16.06.2025
	17	West Bengal	Balurghat	0.50	16.06.2025
	18	Bihar	Katihar (II)	0.50	18.06.2025
	19	Uttar Pradesh	FSD Dhamora	0.25	20.08.2025
	20	Uttar Pradesh	Harduaganj	0.50	15.09.2025
	21	Uttar Pradesh	Fatehpur	0.50	05.12.2025
	22	Bihar	Kaimur	0.50	15.12.2025
	23	Uttar Pradesh	Lalpur	1.00	Dec-2025/19.03.2026
	24	Bihar	Purnea	0.50	26.12.2025
	25	Haryana	Palwal	0.25	Dec-2025/31.03.2026
	26	Bihar	Begusarai	0.50	12.03.2026
	27	Uttar Pradesh	Lucknow	0.50	Feb-2026/24.06.2026
	28	Uttar Pradesh	Chandari	1.25	Mar-2026
	29	West Bengal	Murshidabad	0.50	Mar-2026
	30	Gujarat	Wadhvan	0.25	Mar-2026
	31	Gujarat	Wankaner	0.25	Mar-2026/07.04.2026

	32	Uttar Pradesh	Pilibhit	0.50	Mar-2026
	33	Uttar Pradesh	Sitapur	0.25	Mar-2026/28.04.2026
	34	Uttar Pradesh	Auraiya	0.25	Mar-2026
	35	Haryana	Assandh	0.25	Mar-2026
	36	Haryana	Gharundha	0.25	Mar-2026
	37	Haryana	Samalkhan	0.25	Mar-2026
	38	Haryana	Fatehabad	0.25	Mar-2026
	39	Haryana	Safidon	0.25	Mar-2026
			Total	14.00	
FY 2026-27	40	Uttar Pradesh	Lakhimpur	0.50	May-2026
	41	Uttar Pradesh	Unnao	0.25	May-2026/09.06.2026
	42	Uttar Pradesh	Amethi	0.25	May-2026/09.06.2026
	43	Uttar Pradesh	Kanpur Dehat	0.25	May-2026
	44	Uttar Pradesh	Farrukhabad	0.25	May-2026
	45	Haryana	Bhuna	0.25	May-2026
			Total	1.75	

Annexure referred to in the reply to Part (d) & (e) of Unstarred Question No. 596 in the Lok Sabha on 22.07.2026.

A. The details of Silos under construction in Maharashtra is as under(Phase-I):-

S.N.	State/Region	Location	Capacity (in LMT)	Likely date of completion of silo facility.
1.	Maharashtra	FSD Borivali	1.25	Dec-26

B. Further, details of Silos proposed to constructed in Maharashtra is as under(Phase-II):-

DBFOO Maharashtra-1					
Sl.No	State	Mode	Location	Revenue District	Capacity in LMT
1	Maharashtra	Spoke	Pune	Pune	1
2	Maharashtra	Spoke	Jalgaon	Jalgaon	0.75
3	Maharashtra	Spoke	Palghar	Palghar	0.5
DBFOO Maharashtra-2					
Sl.No	State	Mode	Location	Revenue District	Capacity in LMT
1	Maharashtra	Spoke	Aurangabad	Aurangabad	0.75
2	Maharashtra	Spoke	Nanded	Nanded	0.5
3	Maharashtra	Spoke	Jalna	Jalna	0.375
Total					3.875
