

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

**RAJYA SABHA**  
UNSTARRED QUESTION NO. 2934  
**TO BE ANSWERED ON 19<sup>TH</sup> AUGUST, 2025**

**ANNA CHAKRA IN MOVEMENT OF FOODGRAINS**

2934 **SHRI HARSH MAHAJAN:**

Will the Minister of *Consumer Affairs, Food and Public Distribution* be pleased to state:

- (a) whether the "Anna Chakra" tool has been implemented for optimising the movement of foodgrains under the PDS;
- (b) if so, whether it has been implemented across all States and Union Territories;
- (c) the cost savings across the States achieved so far;
- (d) the environmental benefits recorded; and
- (e) the plans/timeline to expand the route-optimization exercise across the PDS?

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

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(a) & (b): Yes.

The "Anna-Chakra" Supply Chain Optimisation Tool under Public Distribution System (PDS) was targeted to be implemented in 31 States/Union Territories (UTs). The status of implementation is as under :-

**Implemented (30 States/UTs) :** Punjab, Telangana, Tamil Nadu, Rajasthan, Mizoram, Bihar, Sikkim, Gujarat, Andhra Pradesh, Nagaland, Chhattisgarh, Goa, Jharkhand, West Bengal, Himachal Pradesh, Meghalaya, Assam, Uttarakhand, Madhya Pradesh, Delhi, Jammu & Kashmir, Uttar Pradesh, Maharashtra, Arunachal Pradesh, Ladakh, Tripura, Kerala, Karnataka, Haryana, Odisha.

**Not implemented :-** Manipur

(c) & (d): The savings estimate a potential of cost reductions in transportation indicating one of the potential benefits of use of optimisation techniques in PDS. The estimated savings is Rs. 250 crore per annum.

Optimising India's food distribution routes has contributed significantly to reduce CO2 emissions, aligning with the country's climate change commitments.

(e): Route optimization has been implemented in 30 states out of 31 states.

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