



1st Half Yearly Monitoring Report

Of
Mid-Day-Meal Programme.

National Capital Territory (NCT) Delhi

April 1, 2014 to September 30, 2014

Districts covered:

(1) East Delhi (2) North East Delhi

Submitted to:

MHRD, Department of School Education and Literacy, GOI

By

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ACKNOWLEDGEMENTS

This report focuses on the progress in implementation of Mid Day Meal programme in Delhi between April 1, 2014 to September 30, 2014. The findings have been examined and analysed using data gathered from schools of districts East Delhi and North East Delhi. Data has been obtained through field survey and study. Over the said period, Monitoring Institute has taken into account its interaction with school Principals/HOS, concerned teachers, observations, information gathered from students and parents of respective sampled schools.

We are also thankful to Additional Secretary and Director, MDM, MHRD, Department of School Education & Literacy, New Delhi, for guidance in our monitoring activities.

We express our thanks to Principal Secretary Education, Education Director, Additional Director, MDM, Directorate of Education Govt. of NCT Delhi, Director Primary Education, East Delhi Municipal Corporation, Deputy Director of Education, East Delhi and North East Delhi, school principals, teachers and SMC/parents, whose cooperation helped in successful completion of the report.

We express our deep sense of gratitude to our Director, Prof. Sanjay Kumar for his inspiration and motivation to complete the work in time.

We hope that the findings of the report will be useful in planning and further implementation of MDM programme.

Dr. Priyadarshini Vijaisri

Project Director Mid Day Meal

1. First Half-Yearly Monitoring Report of Centre for the Study of Developing Societies (Monitoring Institution) on SSA-RTE for the State/UT of Delhi. April 1, 2014 to Sept 30, 2014

General Information

Sl. No.	Subject	Details	
1.	Name of the monitoring institution	Centre for the Study of Developing Societies(CSDS)	
2.	Period of the report	April 1, 2014 to September 30, 2014	
3.	No. of Districts allocated	Two	
4.	District names (write the districts names which the MI has monitored)	1. East Delhi 2. North East Delhi.	
5.	Month of visit to the Districts /blocks (Information is to be given for district wise i.e. District 1, District 2, District 3 etc)		
	District 1 (write the district name and month)	East Delhi: October 27, 2014 to December 01,2014	
	District 2 (write the district name and month)	North East Delhi: December 03, 2014 to December 23,.2014	
6.	MI selected the schools as per the criteria : Yes/No (Ref: As per the Terms of reference (TOR) 2013-15 point 4 (iii) under scale of work)		
		East Delhi	North East Delhi
	(i) Higher gender gap in enrolment	Yes	Yes
	(ii) Higher population of SC/ST students,	Yes	Yes
	(iii) Low retention rate and higher dropout rate	Yes	Yes
	(iv) The School has a minimum of three CWSN	Yes	Yes
	(v) The habitation where the school is located at has sizeable number of OOSC	yes	Yes
	(vi) The habitations where the school is located at witnesses in bound and out bound seasonal migration,	Yes	Yes
	(vii) The ward/unit of planning where the school is located at is known to have sizeable number of urban deprived children	Yes	Yes
	(viii) The school is located in a forest or far flung area	NA	NA
	(ix) The habitation where the school is located at witnesses recurrent floods or some other natural calamity	NA	NA
	(x) Pupil Teacher Ratio (PTR) at school level	Yes	Yes

7.	Types of Schools visited as per the Terms of Reference (TOR) 2013-15: Yes/No (Ref: As per the Terms of Reference (TOR)2013-15 point 4(iv) under scale of work)	East Delhi	North East Delhi
		(i) 8 schools from urban areas visited :Yes (ii) if yes write the number	41
(iii) 6 schools from Special Training Centers (3 residential and 3 non-residential) visited : Yes ,if yes write the number	05	05	
(iv) 2 schools from civil works sanctioned: Yes No. Yes write the number in next column??	02	02	
(v) 2 schools from NPEGEL blocks: Yes/No if yes write the number	NA	NA	
(vi) 3 schools from CWSN (priority to those having other than Orthopedic Impairment (OI children) Yes/ No if yes write the number	34	34	
(vii) 3 schools from Computer Aided Learning (CAL) and KGBV scheme: Yes/No (viii) if yes write the number	19	18	
(ix) 3 schools from KGBV scheme: Yes/No (x) if yes write the number	NA	NA	
8.	The selection of schools (for all the districts to be monitored) shall be done on the basis of the latest school report card generated through DISE, HHS data and consultation with the district SSA functionaries: Yes/No. Ref: TOR 2013-15 point 4(v) under scale of work.(The procedure and criteria adopted, for the selection of schools shall from an essential part of the MIs report.)	YES	
9.	Total number of elementary schools in each district allocated. Information is to be obtained from SPO/DPO office.(Information is to be given for district wise i.e. District 1, District 2, District 3 etc)	East Delhi	North East Delhi
	District 1: (Write district name and also provide number of elementary schools in each district)	305	323
10.	Number of elementary schools (primary and upper primary) covered/ monitored (Information is to be given for district wise i.e. District 1, District 2, District 3 etc)	41	41
	District 1 : (Write district name and also provide number of elementary schools monitored in each district)	21	21
11.	Number of elementary schools visited by Nodal Officer of the Monitoring Institute	11	12

	<i>[Ref: As per the MoU 2013-15 signed between MI and MHRD as per point 3 (vi) (the Nodal Officer must visit himself/herself at least one third of the selected schools in every block of 6 months, and make a mention in the report to be submitted to TSG/MHRD)] (It means the Nodal officer has to visit 13 Schools) Kindly mention the no of schools visited by the Nodal officer and in the list of schools enclosed for each district wise kindly mention in which schools the nodal officer has visited).</i>		
12.	Whether the MI has sent their report to the SPO at the draft level : YES / NO (Ref: TOR 2013-15 point 5(i) under Reports)	--	
13.	After submission of the draft report to the SPO office whether the MI has received any comments from the SPO office : YES / NO (Ref: TOR 2013-15 point 5(ii) under Reports)	--	
14.	Before sending the reports to the GOI whether the MI has shared the report with SPO: YES / NO (Ref: TOR 2013-15 point 5(iii & iv) under Reports)	yes	
15.	Items to be attached with the report		
	a) List of Schools with DISE code visited by MI and list of schools visited by the Nodal Officer.- Annexure I	yes	

1. Introduction

Mid Day Meal Programme aims to supplement the initiative launched under Sarva Shiksha Abhiyan (SSA) to universalize elementary education. It focuses on enhancing enrollment, retention, attendance and simultaneously improving nutritional levels among children. The National Programme of Nutritional Support to Primary Education (NP-NSPE) was launched as a Centrally Sponsored Scheme on 15th August 1995, initially in 2408 administrative blocks in the country. By 1997-98 the NP-NSPE had been introduced in all administrative blocks of the country.

According to the programme the Government of India shall provide grains free of cost and the States will provide the costs of other ingredients, salaries and infrastructure. Since most State governments were unwilling to commit budgetary resources they just passed on the grains from Government of India to parents. This system was called provision of 'dry rations'. On November 28, 2001 the Supreme Court of India gave a landmark direction that made it mandatory for the state governments to provide cooked meals instead of 'dry rations'. The direction was to be implemented beginning June 2002. It was further extended the same year to cover not only children in class's I-V of Government, Government-aided and local body schools, but also children studying in EGS and AIE/Special Training Centre (STC).

There is also evidence to suggest that apart from enhancing school attendance and child nutrition, Mid Day Meals have an important social value and foster equality. As children learn to sit together and share a common meal, one can expect erosion of caste prejudices and class inequality. Moreover, cultural traditions and social structures often mean that girls are much more affected by hunger and malnutrition than boys. Thus Mid Day Meal programme can also reduce existing gender gap in education and upbringing.

In October 2007, the scheme was further revised to cover children in upper primary (classes VI to VIII). It was initially begun in 3479 Educationally Backwards Blocks (EBBs). Since 2008-09, the programme covers all children studying in Government, Local Body and Government-aided primary and upper primary schools and the EGS/AIE/Special Training Centers including Madarsas and Maqtabas supported under SSA across the country. The caloric value of a Mid Day Meal at upper primary stage has been fixed at a minimum of 700 calories and 20 grams of protein by providing 150 grams of food grains (rice/wheat) per child/school.

Since 2009 the following changes have been made to improve implementation of the scheme:

a) Food norms have been revised to ensure balanced and nutritious diet to children of upper primary group by increasing the quantity of pulses from 25 to 30 grams, vegetables from 65 to 75 grams and by decreasing the quantity of oil and fat from 10 grams to 7.5 grams.

b) Cooking cost (excluding labour and administrative charges) has been revised from Rs.1.68 to Rs. 2.50 for primary and from Rs. 2.20 to Rs. 3.75 for upper primary children from Dec. 1, 2009 to facilitate serving meal to eligible children in prescribed quantity and of good quality. Cooking cost is being revised @ 7.5% and effective 1stJuly,2014 each financial year.

c) Honorarium for cooks and helpers was paid from labour and other administrative charges of Rs.0.40 per child per day. It is provided for under cooking cost. In many cases the honorarium was too little to engage manpower. A separate component for payment of honorarium @ Rs.1000 per month per cook-cum-helper was introduced from Dec. 1 2009. Following norms for engagement of cook-cum-helper have been made: (i) One cook-cum-helper for schools up to 25 students. (ii) Two cooks-cum-helpers for schools with 26 to 100 students. (iii) One additional cook-cum-helper for every addition of up to 100 students. More than 26 lakh cook-cum-helpers were engaged by the State/UTs during 2010-11 for preparation and serving of Mid Day Meal to Children in Elementary Classes.

A successful implementation of any programme is an essential core step for its impact while a close and careful monitoring spread over the entire course of its implementation assures its effective and efficient enforcement. In MDM monitoring of programme implementation was assigned a special significance; the revised NP-NSPE, 2004 scheme also provided for a 4-tier institutional mechanism for programme management, through constitution of Steering-cum-Monitoring Committees at the National, State, District and Block levels.

GOI has sought collaboration with various reputed and established research and educational organizations of the country to act as Monitoring Institutions (MIs).

Centre for the Study Developing Societies (CSDS), Rajpur Road, Delhi, a social sciences research institute of repute functioning under the aegis of the ICSSR (Indian Council of Social Science Research) was identified as one of the Monitoring Institutes for the National Capital Territory of Delhi. As per the MOU with MHRD CSDS is entrusted with monitoring MDM programmes from April 1, 2013 to March 31, 2015.

In its monitoring process the CSDS team focused on schools in two districts: East Delhi and North East Delhi . This report is based on fieldwork; secondary data collected from state MDM Cell, i.e. Directorate of Education (DOE) and East Delhi Municipal Corporation comprising interviews Principals/Headmasters, Mid Day Meal in-charge, students, parents and MI's own field observations. As per the new terms of reference the MI shall also ensure that it covers at least 40 schools from each district. The schools visited by MI comprise of four categories: 1. Delhi Government schools (DOE), 2. East Delhi Municipal Corporation 3. Government- aided schools.

Under this programme, nutritional support is provided to children of Directorate of Education (DOE), New Delhi Municipal Council-- (NDMC), South Delhi Municipal Corporation (SDMC), North Delhi Municipal Corporation (NDMC), East Delhi Municipal Corporation (EDMC), Delhi Cantonment Board (DCB), and aided schools. Mid Day Meal has been outsourced to NGOs and Trusts. These organizations have installed centralized semi automated kitchens in Delhi.

On the basis of field visits and observations by our monitoring team we assess the implementation of MDM has been reasonably good.

However certain inadequacies have come into sharp focus during our survey. We would like to draw attention towards them so that they could be rectified and program implementation fine tuned.

Methodology:

The methodology followed is in accordance with requirements stipulated for monitoring. A *minimum of 40 schools have been covered* in each district. As in our monitoring activity, our survey method sought to ensure there was adequate representation of boys', girls', co-educational schools' and aided schools. We have also taken care to include schools administered under different authorities i.e. Directorate of education, East Delhi Municipal Corporation and Aided schools. All gathered data is duly certified by Principals/ HOS of schools and MDM Suppliers Kitchen In-charge.

MI representatives collected data and information through scrutiny of records, interactions, interviews, photographs and observations, available records at different levels including students' attendance registers, school level community monitoring register and parents.

Sample covered: - Details of the numbers of primary and upper primary schools, in East Delhi and North East Delhi districts have been given in the table below.

Break-up of Schools visited: Table -1

S.No.	Name of Districts	Type of schools	No. of schools/ kitchen visited
1.	East Delhi	(1) Directorate of Education (DOE) (2) East Delhi Municipal Corporation (EDMC) (3) Aided (4) MDM suppliers Kitchens	20 20 01 02
2.	North East Delhi	(1) Directorate of Education (DOE) (2) East Delhi Municipal Corporation (EDMC) (3) Aided (4) MDM suppliers Kitchens	20 20 01 02
	Total	-----	86

Executive summary of Mid - Day Meal of East Delhi and North East Delhi districts.

Name of Districts	Indicators:
East Delhi	<p><u>1.Availability of food grains:</u> Data gathered from Mid-day meal suppliers of Directorate of Education (DOE) and East Delhi Municipal Corporation (EDMC) reveals food grains are delivered to them in advance. It is procured from FCI every two months.</p>
North East Delhi	<p>Data gathered from Mid-day meal suppliers of Directorate of Education (DOE) and East Delhi Municipal Corporation (EDMC) reveals food grains are delivered to them in advance. It is procured from FCI every two months.</p>
	<p><u>2. Timely release of funds:</u></p>
East Delhi	<p>Directorate of Education (DOE) state nodal agency releases funds to East Delhi Municipal Corporation (EDMC) twice a financial year i.e. July and November. While Delhi Govt. funds released to district from 1st April 2014. MME funds are released in october2014. SDMC has not released MDM funds to schools.</p>
North East Delhi	<p>Directorate of Education (DOE) state nodal agency releases funds to East Delhi Municipal Corporation (EDMC) twice a financial year i.e. July and November. While Delhi Govt. schools funds released to district from 1st April 2014. MME funds are released in ctober2014. EDMC has not released MDM funds to schools.</p>
	<p><u>3.Availability of Cooking Cost:</u></p>
East Delhi	<p>East Delhi Municipal Corporation (EDMC) schools MDM cooking costs are available at Zonal level. DOE schools Cooking cost is available at district level. MDM suppliers informed they are not paid cooking cost in advance. DOE and East Municipal Corporation (EDMC) suppliers, however, informed of receiving cooking costs from District /Zonal Office 20-30 days after serving meals.</p>
North East Delhi	<p>East Delhi Municipal Corporation (EDMC) Schools MDM cooking costs are available at Zonal level. DOE schools Cooking cost is available at district level. MDM suppliers informed they are not paid cooking cost in advance. DOE and east Delhi Municipal Corporation (EDMC) suppliers, however, informed of receiving cooking costs from District /Zonal Office 20-30 days after serving meal.</p>
	<p><u>4.Availability of Cook-cum-helpers:</u></p>
East Delhi	<p>Cook cum-helpers are engaged by Mid Day Meal suppliers in Directorate of Education (DOE) and East Delhi Municipal Corporation (EDMC). In MI's observation they come from economically weaker sections. Inadequate helpers (Cook cum helpers) deployed by EDMC appointed suppliers.They serve meals at schools in orderly ways. However, training in hygiene and sanitation in discharge of their work is recommended.</p>

Name of Districts	Indicators:
North East Delhi	Cook cum-helpers are engaged by Mid Day Meal suppliers in Directorate of Education (DOE) and East Delhi Municipal Corporation (EDMC). In MI's observation they come from economically weaker sections. Inadequate helpers (Cook-cum-helpers) are employed by EDMC and DOE appointed suppliers. They serve meals at schools in orderly ways. However, training in hygiene and sanitation in discharge of their work is recommended.
	<u>5. Regularity in Serving Meal :</u>
East Delhi	All (41) sampled schools of Directorate of Education (DOE) East Delhi Municipal Corporation (EDMC) and aided school visited by MI were found serving freshly cooked meals to children on every school day. Meals are cooked fresh at Centralized Kitchens of MDM Suppliers.
North East Delhi	All (41) sampled schools of Directorate of Education (DOE) East Delhi Municipal Corporation (EDMC) and aided school visited by MI were found serving freshly cooked meals to children on every school day. Meals are cooked fresh at Centralized Kitchens of MDM Suppliers.
	<u>6. Quality & Quantity of Meal:</u>
East Delhi	According to feedback from all sampled school children of primary and upper primary schools and in MI's own spot observations, quality of meals supplied is average. Wheat based and rice based cooked meal quantity was found less than prescribed.
North East Delhi	According to feedback from all sampled school children of primary and upper primary schools and in MI's own spot observations, quality of meals supplied is average. Wheat based and rice based cooked meal quantity was found less than prescribed.
	<u>7. Variety of Menu:</u>
East Delhi	Meals are provided in all schools according to the prescribed menu, i.e. 3 days they are rice based and 3 days wheat based. Children and teachers also informed that green vegetable was rarely provided with Dal and curry.
North East Delhi	Meals are provided in all schools according to the prescribed menu, i.e. 3 days they are rice based and 3 days wheat based. Children and teachers also informed that green vegetable was rarely provided with Dal and curry.
	<u>8. Display of Information under Right to Education Act, 2009 at the school level at prominent place:</u>
East Delhi	All sampled DOE, EDMC and aided schools have information boards under Right to Education Act 2009. However, none of the schools adhered to displaying information on how many children are present and how many availed of MDM on the given day.

Name of Districts	Indicators:
North East Delhi	All sampled DOE, EDMC and aided schools have information board under Right to Education Act 2009. However, none of the schools adhered to displaying information on how many children are present and how many availed of MDM on the given day.
	<u>9.Trends:</u>
East Delhi	On MI's visit day 81% of primary and 74% of upper primary school children had availed MDM. The previous day's record of MDM utilization revealed 89% of primary and 90% of upper primary children had availed. The gap for primary children stood at 9% and for in upper primary at 16%.
North East Delhi	On MI's visit day 81% of primary and 74% of upper primary school children had availed MDM. The previous day's record of MDM utilization revealed 89% of primary and 90% of upper primary children had availed. The gap for primary children stood at 10% and for in upper primary at 22%.
	<u>10.Social Equity:</u>
East Delhi	MI did not observe any caste, gender or community discrimination in seating arrangements in classrooms in any sampled school. Similarly, no discrimination was identified in serving or partaking of MDM. Sampled DOE and EDMC school children were served meals in orderly manner.
North East Delhi	MI did not observe any caste, gender or community discrimination in seating arrangements in classrooms in any sampled school. Similarly, no discrimination was identified in serving or partaking of MDM. Sampled school children were served meals in orderly manner.
	<u>11.Convergence With Other Schemes:</u>
	1. Sarva Shiksha Abhiyan
East Delhi	Civil work, SMC training and medical assessment of CWSN were found at convergence with SSA Programme.
North East Delhi	Civil work, SMC training and medical assessment of CWSN were found at convergence with SSA Programme.
	2. School Health Programme:
East Delhi	Of the said sampled schools none of DOE and East Delhi Municipal Corporation school has maintained school health cards. Sampled 20 (49%) East Delhi Municipal Corporation and 20 (49%) DOE schools were visited by Health Department personnel over the year for children's health check up. Chacha Nehru Health Scheme was found covering children at Directorate of Education Schools. <i>East Delhi Municipal Corporation Health Department covers children under School Medical Scheme.</i> However, sampled aided schools have no health cover for

Name of Districts	Indicators:
	children. Weekly Iron Folic Scheme (WIFS) tablets were found given to children of East Delhi Municipal Corporation, (EDMC) DOE, and aided schools.
North East Delhi	Of the said schools none of DOE and East Delhi Municipal Corporation school has maintained school health cards. Sampled 20 (49%) East Delhi Delhi Municipal Corporation and 20 (49%) DOE and 1(2%) aided schools were visited by Health Department personnel over the year for children's health check up. Chacha Nehru Health Scheme was found covering children at Directorate of Education Schools. <i>East Delhi Municipal Corporation (EDMC) Health Department covers children under School Medical Scheme.</i> However, sampled aided schools have no health cover for children. Weekly Iron Folic Scheme (WIFS) tablets were found given to children of East Delhi Municipal Corporation, DOE and aided schools.
	12. Drinking Water and Sanitation Programme:
	<u>Availability of potable water:</u>
East Delhi	Delhi Jal Board (DJB) water is supplied through tankers and underground pipes to schools. Most schools have Bore wells. Water storage tanks are provided, too. More Aquaguards need to be installed. Double shifted and high enrolment school children have acute shortage of potable drinking water. State Bank of India has installed Aquagard/RO under Corporate Social Responsibility (SCR) in 7 EDMC schools.
North East Delhi	Delhi Jal Board (DJB) water is supplied through tanker and underground pipes to schools. Most schools have Bore wells. Water storage tanks are provided, too. More Aquaguards need to be installed. Double shifted and high enrolment school children have acute shortage of potable drinking water. State Bank of India has installed Aquagard/RO under Corporate Social Responsibility (SCR) in 4 EDMC schools.
	<u>13.Toilets in the school:</u>
East Delhi	MI found that all sampled schools separate toilets for boys and girls. Sanitation and cleaning of toilets was found satisfactory in 6(15%) DOE and 8(20%) EDMC high enrolment schools. High enrolment school have inadequate number of toilets for boys and girls.
North East Delhi	MI found that all sampled schools have separate toilets for boys and girls. Sanitation and cleaning of toilets was found satisfactory in 11(27%) DOE and 9(30%) EDMC high enrolment schools. High enrolment school have inadequate number of toilets for boys and girls.
	<u>14. Infrastructure:</u>
	Centralized Kitchens have been set up by MDM suppliers of Directorate of Education (DOE), East Delhi Municipal Corporation (EDMC) and aided schools. None of the sampled schools had kitchen sheds.

Name of Districts	Indicators:
	<u>14.1. Kitchen Devices:</u>
	Sampled schools do not require having kitchen devices, plates or spoons.
	<u>14.2 Availability of storage bins:</u>
	Sampled schools do not require having find storage bins.
	<u>15.Availability of fire extinguishers:</u>
East Delhi	Adequate numbers of fire extinguishers in working condition were found in sampled schools.
North East Delhi	Sampled schools have adequate numbers of fire extinguishers in working condition.
	<u>16. IT infrastructure available at School level:</u>
East Delhi	20 (49%) DOE schools have IT infrastructure with internet connection. It is used for MIS. In some East Delhi Municipal Corporation schools the internet was dysfunctional.
North East Delhi	20 (49%) DOE schools have IT infrastructure with internet connection. It is used for MIS. In some East Delhi Municipal Corporation schools the internet was dysfunctional.
	<u>17.Safety & Hygiene:</u>
East Delhi	Of the 41 sampled Directorate of Education (DOE), East Delhi Municipal Council (EDMC) and aided schools visited by MI 19 (46%) had good safety arrangements, while 22(54%) had fair. On the issue of hygiene, however, in none of the schools were students encouraged to wash hands before and after meals. This is ascribable to short lunch breaks, teachers' apathy and water shortage.
North East Delhi	Of the sampled Directorate of Education (DOE), East Delhi Municipal Council (EDMC) and aided schools visited by MI 15(37%) had good safety arrangements, while 26(63%) had fair. On the issue of hygiene, however, in none of the schools were students encouraged to wash hands before and after meals. This is ascribable to short lunch breaks, teachers' apathy and water shortage.
	<u>18.Community Participation:</u>
East Delhi	All sampled Directorate of Education (DOE), EDMC and aided Schools had School Management Committees (SMC) as per RTE Act 2009. According to data available SMC meetings had been held in 11(27%) DOE and 7(17%) EDMC each quarter of the year. In 9 (22%) DOE and 13 (32%) EDMC schools the same are held half yearly. However, they are not held specifically for MDMs. SMC/Community Participation in practically all sampled DOE, EDMC and aided schools was found poor. However, in EDMC schools maintained community participation records. Officials have not checked authenticity of record maintained by schools. SMC members displayed lack of awareness about their roles and responsibilities. SMC training resource person were not prepared before imparting training among

Name of Districts	Indicators:
	SMCs. Seriousness not found either SMC members or trainer. Ways and means to make SMCs effective were not observed as areas of immediate concern in schools.
North East Delhi	All sampled Directorate of Education (DOE), EDMC and aided Schools had School Management Committees (SMC) as per RTE Act 2009. As per records available, SMC meetings had been held in 9(22%) DOE and 5(12%) EDMC schools every quarter of the year. In 8 (20%) DOE and 7 (17%) EDMC schools the same are held half yearly. However, they are not held specifically for MDMs. SMC/Community Participation in practically all sampled DOE, EDMC and aided schools was found poor. However, in EDMC schools maintained community participation records. Officials have not checked authenticity of records maintained by schools. SMC members displayed lack of awareness about their roles and responsibilities, or eligibility and entitlements for MDM as notified by the state government. SMC training resource person was not adequately prepared before imparting training among SMC Member. Seriousness not found either SMC members or trainer. Ways and means to make SMCs effective were not observed as areas of immediate concern in schools.
	19.inspection & Supervision:
East Delhi	MDM in-charge informed that meetings for redress of MDM issues in Directorate of Education (DOE) and aided schools were held at zonal/district levels. Records of inspection by DOE district officials were not available in Schools. MDM meetings, however, are held in East Delhi Municipal Corporation's South Shahadra zone. In East Delhi Municipal corporation Schools Mid day meal in-charges were not aware of number of helpers allocated in schools or the policy formulated by department. In DOE schools majority of MDM in-charges were not aware of cooked meal entitlement per child. It reflects the poor quality of inspection and supervision. DOE state level official and MDM in-charges visited centralised kitchens. EDMC Schools' DDE, ADE and SI visited centralised kitchens occasionally.
North East Delhi	MDM in-charge informed that meetings for redress of MDM issues in Directorate of Education (DOE) and aided schools were held at zonal/district levels. Records of inspection by DOE district officials were not available in Schools. MDM meetings, however, were not held in East Delhi Municipal Corporation's North Shahadra zone. In East Delhi Municipal Corporation Schools Mid Days Meal in-charge was not aware number of helpers allocated in schools or policy formulated by the department. In DOE school majority of MDM in-charges not aware of cooked meal entitlement per child. It reflects the poor quality of inspection and supervision. DOE state level officials and MDM in-charges visited centralised

Name of Districts	Indicators:
	kitchens. EDMC Schools' DDE, ADE and SI visited centralised kitchen occasionally.
	20.Impact:
East Delhi	MI found that owing to Mid Day Meal programme both attendance and children's health have improved.
North East Delhi	MI found that owing to Mid Day Meal programme both attendance and children's health have improved.
	21.Grievance Redresal Mechanism:
East Delhi	There was no effective Grievance Redresal Mechanism in place in any sampled school of Directorate of Education (DOE), aided and East Delhi Municipal Council (EDMC) schools.
North East Delhi	There was no effective Grievance Redresal Mechanism in place in any sampled school of Directorate of Education (DOE), aided and East Delhi Municipal Council (EDMC) schools.

Mid Day Meal Suppliers - Centralised kitchens:

	1. Infrastructural facilities:
East Delhi	In course of monitoring, MI visited suppliers kitchens, namely, Dalit Prahari, Rajgarh colony and Strishakti , East Gokalpur Loni border in North Delhi district. Suppliers here are appointed by Directorate of Education (DOE) and East Delhi Municipal Corporation (EDMC). The kitchens had adequate working space; However, the kitchens are situated in congested areas. Hygiene and cleanliness were fair. The floor was quite dry and had good ventilation.
North East Delhi	In course of monitoring, MI visited suppliers kitchens, namely, Bharatiya Manav kalyan Parishad Mandoli colony and Dalit Manav Uthan samitee , Dayal Pur . Suppliers here are appointed by Directorate of Education (DOE)and East Delhi Municipal Corporation (EDMC). The kitchens had adequate working space. Hygiene and cleanliness were fair. The space was quite dry and had good ventilation.
	2. Procurement and storage of food items:
East Delhi	Upon enquiry Kitchen in-charge informed MI that cereals (Pulses, Rajma, Black Gram, Potatoes, Sugar, Cooking Oil, and Besan were generally purchased weekly. Purchase of green vegetables (Spinach, Coriander Leaf etc) was daily. Quality of raw materials available on the day of MI visit was fair. Procurement records were not available during MI visit.
North East Delhi	Upon enquiry Kitchen in-charge informed MI that cereals (Pulses, Rajma, Black Gram, Potatoes, Sugar, Cooking Oil, and Besan were generally purchased weekly. Purchase of green vegetables (Spinach, Coriander Leaf etc) was daily. Quality of raw materials available on the day of MI visit was fair. Procurement records were not available during MI visit.
	3. Water : Source, Availability, storage:
East Delhi	Centralized Kitchens visited by MI have water connection from Delhi Jal Board and bore wells with submersible pumps. Kitchens were found equipped with RO plants. 3-6 plastic tanks (1000 Litres) were used as storage.

North East Delhi	Centralized Kitchens visited by MI have water connection from Delhi Jal Board and bore wells with submersible pumps. Kitchens were found equipped with RO plants. 4-5 plastic tanks (1000 Litres) were used as storage.
	4.Pre-Preparation:
East Delhi	Kitchens were found using stipulated mechanical equipments as chopping boards, pans, knives, graters, grinding machine etc in pre-preparation process. Similarly, electrical gadgets like dough kneader/mixer, steam boilers kettles and puri-making machines were used in kitchens. All equipments were cleaned before and after use.
North East Delhi	Kitchens were found using stipulated mechanical equipments as chopping boards, pans, knives, graters, grinding machine etc in pre-preparation process. Similarly, electrical gadgets like dough kneader/mixer, steam boilers kettles and puri-making machines were used in kitchens. All equipments were cleaned before and after use.
	5. Preparation and Packaging:
East Delhi	During visits to Kitchens MI observed that Rice and curhi, puri with allo sabzee and Dal were cooked in kitchen. Cooked rice and vegetable/pulses were packed in steel drums within 10 -15 minutes of cooking. LPG and steam boilers were used as fuel for cooking.
North East Delhi	During visits to Kitchens MI observed that Rice and Dal, puri chhole were cooked in kitchen. Cooked rice and vegetable/pulses were packed in steel drums within 10 -15 minutes of cooking. LPG and steam boilers were used as fuel for cooking.
	6. Management of the Leftover food:
East Delhi	MI observed that all quantities of cooked meal are sent to schools. There are no leftovers. However, leftovers from schools (Vegetables, Dalia, rice and Dal etc.) are brought back to the Kitchens. From there they are picked up by dairy farms every day.
North East Delhi	MI observed that all quantities of cooked meal are sent to schools. There are no leftovers. However, leftovers from schools (Vegetables, Dalia, Rice and Dal etc.) are brought back to the Kitchens. From there they are picked up by dairy farms every day.

	7. Organizational chart of staff:
East Delhi	Organisational charts or numbers of workers/employees were not displayed in the kitchens.
North East Delhi	Organisational charts or numbers of workers/employees were not displayed in the kitchens.
	8. Cook cum helpers:
East Delhi	Suppliers engaged cook cum helpers/handler/driver. They work as per shifts in schools. They work seven hour to eight hours per day. Remunerations are paid by suppliers. However, helpers' payments record was not available in Kitchens. EDMC suppliers pay Rs.950/-per helper in school after deduction of TDS. DOE appointed suppliers paid Rs.1000/-per helper working at schools. None of the suppliers made available the payment records of helpers working in kitchens.
North East Delhi	Suppliers engaged cook cum helpers/handler/driver. They work as per shifts in schools. They work seven hour to eight hours per day. Remunerations are paid by suppliers. However, helpers' payment record was not available in Kitchens. EDMC suppliers pay Rs.400-800/-per helper engaged in schools. DOE appointed suppliers paid Rs.1000/-per helper working at schools. None of the suppliers made available payment records of helpers working in kitchens.
	9. Personal Hygiene practice:
East Delhi	MI observed that cooks and helpers of Stree Shakti use prescribed headgears and uniforms during cooking and packaging of meals. They were well groomed and with clean finger nails.
North East Delhi	MI observed that cooks and helpers do not use prescribed headgears and uniforms during cooking and packaging of meals. They are used only during kitchen inspections. Good practises in personal hygiene were not evident during MI's kitchen visit.

	10.KITCHEN WASTE DISPOSAL:
East Delhi	The Kitchens had garbage bins, duly covered with lids. Garbage removal and cleaning the premises is a daily practice.
North East Delhi	The Kitchens had garbage bins, duly covered with lids. Garbage removal and cleaning the premises is a daily practice.
	11.Food Transportation:
East Delhi	Kitchen in-charges informed the MI team meals are transported to schools by Maruti ECCO Van and Mini Champion vehicles. The driver and handlers together deliver the packed meals to schools.
North East Delhi	Kitchen in-charges informed the MI team meals are transported to schools by Maruti ECCO Van, Man pulled Thela (hand poling rickshaw) and Mini Champion vehicles. The driver and handlers together deliver the packed meals to schools.
	12. Food evaluation:
East Delhi	Based on MI's observation sensory evaluation of meals, i.e. appearance, taste, smell, texture and over all acceptability was good on visit day.
North East Delhi	Based on MI's observation sensory evaluation of meals, i.e. appearance, taste, smell, texture and over all acceptability was good on visit day.
	13 .Procurement of pulses and condiments
East Delhi	MI observed during kitchen visit branded condiments (AgMark) and Iodized salt are purchased fortnightly and used in meal preparation.
North East Delhi	MI observed during kitchen visit branded condiments (AgMark) and Iodised salt are purchased fortnightly and used in meal preparation.

Mid Day Meal Scheme Monitoring report of district-East Delhi:

1. At school level

Indicators	
	<p><u>1.Availability of food grains:</u></p> <p>(i)Whether buffer stock of food grains for one month is available at the school/kitchen/ MDM suppliers?</p>
	<p>Food grains are provided to MDM suppliers through Food Corporation of India (FCI). MDM suppliers are appointed by Directorate of Education (DOE) and East Delhi Municipal Corporation (EDMC). As per information gathered from them the stipulated one month buffer stock of grains was not maintained by suppliers. Directorate of Education (DOE) appointed suppliers informed that there was irregularity in grains supply to them. It is uncommon that food grains are delivered in advance. Supply frequency is about once every two months.</p>
	<p>(ii) Whether food grains are delivered in school/kitchen/ in time by lifting agency?</p>
	<p>No.</p>
	<p>(iii) If lifting agency is not delivering the food grains at school/kitchen/ MDM suppliers how the food grains is transported up to school level?</p>
	<p>MDM suppliers lift food grains from FCI godowns. Transportation costs are reimbursed belatedly by Department.</p>
	<p>(iv) Whether the food grain is Fair Average Quality (FAQ) of grade A quality?</p>
	<p>As per guidelines, though FCI is supposed to supply FAQ of A Grade, suppliers informed there is no uniformity in the quality of grains supplied. Sometimes the quality is good at other times poor. However, the quantity of food grains is same as indicated on bags.</p>
	<p>(v) Whether food grains are released to school/kitchen/MDM suppliers after adjusting the unspent balance of the previous month?</p>
	<p>Suppliers informed to MI when food grains are released in advance by Department the unspent balance of previous month is adjusted in current month.</p>
	<p><u>2.Timely release of funds:</u></p> <p>Whether State is releasing funds to District / block / school on regular basis in advance? If not,</p>
	<p>(a) Period of delay in releasing funds by State to district.</p>
	<p>Directorate of Education (DOE) State nodal agency releases funds to East Delhi Municipal Corporation (EDMC) twice a financial year i.e. July and November. DOE MDM cell releases funds to districts. MME funds were released to Directorate of Education schools in october2014. East Delhi Municipal Corporation (EDMC) has not released MME funds to schools. It was noticed that HOS/MDM in-charge is not aware of MME funds.</p>
	<p>(b) Period of delay in releasing funds by District to block / schools.</p>

Indicators	
	District to block funds release mechanism is not in place in any district.
	(C) Period of delay in releasing funds by block to schools.
	Block to school funds released mechanism not in place in any district.
	<u>3.Availability of Cooking Cost:</u>
	i) Whether school / implementing agency has receiving cooking cost in advance regularly?
	East Delhi Municipal Corporation (EDMC) school cooking cost is transferred by head quarter to zonal office; and payments are made therefrom. DOE funds are available at district level itself. Cooking cost and cook-cum-helpers' payments are made directly from there. As per information from suppliers cooking costs from both EDMC and DOE are not received in advance. They are made after 30 to 40 days of serving meals.
	(ii) Period of delay, if any receipt of cooking cost.
	In MI's observation, and on basis of data gathered from DOE schools and suppliers' kitchens, procedural matters are often the reasons for delays.
	(iii) In case of non receipt of cooking cost how the meal is served?
	MDM suppliers informed they take internal membership loans and credit from market.
	(iv) Mode of payment of cooking cost (Cash/ cheque/e-transfer?)
	Suppliers informed the MI team that cooking cost is reimbursed through e-transfer.
	<u>4.Availability of Cook-cum-helpers:</u>
	i) Who engaged Cook-cum-helpers at schools (Department / SMC / VEC / PRI / Self Help Group / NGO /Contractor)?
	MDM suppliers engage cook-cum-helpers.
	ii) If cook-cum-helper is not engaged who cooks and serves the meal?
	All schools have engaged helpers in school for serving meals. But who cooks?
	iii) Is the number of cooks-cum-helpers engaged in the school as per GOI norms or as per State norms?
	Delhi Government MDM cell has issued guidelines to engage cook cum helpers in proportion with enrolment of children in schools. 50% of cook cum helpers deployed in schools are for serving meals among children, and the other 50% for MDM kitchens. Suppliers have not engaged cook cum helpers in DOE/EDMC as required under guidelines. MI found that engaged cook-cum-helpers are not in specified ratio in DOE and SDMC Schools. All helpers come from economically weaker sections. MI observed despite notification and uploading on Department website, MDM committee members/MDM in-charge is not aware of specified ratio between cooks cum helpers and enrolled children. EDMC schools, HOS and MDM in-charge are similarly not aware of norms laid down by department. Laxity of district/zone towards MDM suppliers is resulting in availing of undue benefit from DOE and EDMC.

Indicators
Table No. 2, School wise status of helpers

Sl.No.	Name of schools	Total Students PS/UPS	Cook cum helper as per GOI norms	No. of helpers engaged	Remuneration paid per month helpers	Name of suppliers
1.	Govt.(Co-ed)SS School Preet Vihar.	462	Yes	3	1000/-helper From January-14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha samiti
2.	SKV, Patparganj.	1113	No	5	1000/-helper From January-14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha samiti
3.	GGSSS, No.2 Gandhi Nagar.	281	No	1	1000/-helper From January-14	Dalit Prahari
4.	SKV, Mandawali.	854	Yes	5	1000/-helper From January-14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha samiti
5.	SKV, New Ashok Nagar.	1430	No	6	1000/-helper From January-14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha samiti
6.	SKV, Shankar Nagar.	362	Yes	2	1000/-helper From February -14	Dalit Prahari
7.	GGSSS, B-block New Kondli.	1770	No	8	1000/-helper From January-14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha samiti
8.	SBV, Dallupura.	1192	Yes	6	1000/-helper From January-14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha samiti
9.	SKV, Block-20 Trilokpuri.	1225	Yes	7	1000/-helper From January-14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha samiti
10.	SBV, Kondli.	1030	Yes	7	1000/-helper From February -14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha samiti
11.	GBSSS, Vasundhara Enclave.	764	Yes	4	1000/-helper From February -14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha samiti

Indicators						
12.	SKV, JJ. Colony Khicharipur.	274	Yes	3	1000/-helper From April -14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha samiti
13.	SKV, Kalyanpuri.	1191	Yes	7	1000/-helper From January-14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha samiti
14.	SBV, No.-2 Shakarpur.	850	Yes	5	1000/-helper From January-14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha Sansthan
15.	Govt.(Co-ed)S School, West Azad Nagar.	411	Yes	2	1000/-helper From April -14	Paras Agro Society
16.	GBSSS,Block-13 Geeta colony.	425	Yes	2	1000/-helper From January-14	Dalit Prahari
17.	SBV, Pocket-2 Mayur Vihar-I.	1358	Yes	7	1000/-helper From January-14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha samiti
18.	SBV, Rani garden.	939	Yes	5	1000/-helper From July-14	Dalit Prahari
19.	SBV, East Vinod Nagar..	831	Yes	6	1000/-helper From July-14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha samiti
20.	GBSSS,Joshi colony.	679	Yes	5	1000/-helper From January-14	Dr. Bhimrao Ambedkar Dalit Manav utthan Avom Shiksha samiti
21.	Mahamana Middle School, Jagatpuri.(Aided)	133	Yes	1	1000/-helperFrom August -14	Dalit Prahari
	EDMC, SCHOOL					
22.	EDMC Girls Primary School,Block-12 Kalyanpuri.	497	No	2	1000/-helper From July -14	Stri Shakti
23.	EDMC Girls Primary School,block-6 Trilokpuri.	397	No	2	950/-helper From July-14	Stri Shakti
24.	EDMC Girls Primary School, block-22 Trilokpuri.	423	No	2	950/-helper From July-14	Stri Shakti
25.	EDMC Girls Primary School, New Ashok Nagar.	1600	No	4	950/-helper	Stri Shakti

Indicators

						From July-14	
26.	EDMC Girls Primary School, Dallapura.	1362	No	4	950/-helper	From July-14	Stri Shakti
27.	EDMC Boys Primary School, Vasundhara Enclave.	988	No	4	950/-helper	From July-14	Stri Shakti
28.	EDMC Girls Primary School, Block-A-3 Mayur Vihar-III.	1057	No	4	850/-helper	From July-14	Stri Shakti
29.	EDMC Boys Primary School, Block-16 Kalyanpuri.	190	No	2	1000/-helper	From August -14	Stri Shakti
30.	EDMC Girls Primary School, Gharoli Village.	972	No	4	850/-helper	From July-14	Stri Shakti
31.	EDMC Co-ed Primary School, Samaspur Jangir.	258	No	1	950/-helper	From July-14	Stri Shakti
32.	EDMC Girls Primary School, Shakarpur.	348	No	2	950/-helper	From July-14	Stri Shakti
33.	EDMC Boys Primary School, block-3 Trilokpuri.	377	No	2	900/-helper	From July-14	Stri Shakti
34.	EDMC Boys Primary School, Jagatpuri.	184	Yes	1	950/-helper	From July-14	Stri Shakti
35.	EDMC Boys Primary School, Mandawali.	858	No	2	950/-helper	From July-14	Stri Shakti
36.	EDMC Girls Primary School, Gajipur Village.	951	No	2	950/-helper	From July-14	Stri Shakti
37.	EDMC Boys Primary School, Patparganj.	486	No	4	500/-		Stri Shakti
38.	EDMC Co-ed Primary School, Guru Ramdas Nagar.	288	No	1	950/-helper	From March-14	Stri Shakti
39.	EDMC Girls Primary School, Ganesh Nagar.	503	No	2	950/-helper	From March-14	Stri Shakti

Indicators

40.	EDMC Co-ed Primary School, Geeta colony.	167	Yes	1	950/-helper From April-14	Stri Shakti
41.	EDMC Boys Primary School, Kailash Nagar.	261	No	1	950/-helper From July-14	Stri Shakti

iv) Honorarium paid to cooks cum helpers.

MI observed that after deduction of TDS EDMC schools helpers receive a remuneration of around Rs. 950/- per month. DOE schools helpers receive Rs 1000 per month as specified by GOI Suppliers paid less remuneration than stipulated between Aug 2013 and April 2014.

v) Mode of payment to cook-cum-helpers?

In MI's own findings and information from helpers remuneration are made in cash. It is important that payment be made through banking channel. Cash payments have led to pilferage at school and kitchen level.

vi) Are the remuneration paid to cooks cum helpers regularly?

Most of the helpers at sampled schools received remuneration regularly. MI observed, however, remuneration records were not transparent.

vii) Social Composition of cooks cum helpers? (SC/ST/OBC/Minority)

Recruited helpers and cooks are from economically weaker sections. They are both males and females.

viii) Is there any training module for cook-cum-helpers?

There is no training module for cook cum helpers.

ix) Whether training has been provided to cook-cum-helpers?

Training to cook cum helpers has not been provided.

x) In case the meal is prepared and transported by the Centralized kitchen / NGO, whether cook-cum-helpers have been engaged to serve the meal to the children at school level.

Mid Day Meals are provided in all schools through Centralized kitchens. Helpers for serving meals have been engaged by MDM suppliers.

xi) Whether health check-up of cook-cum-helpers has been done?

Cook cum helpers engaged in schools and kitchens are not provided health check up facility by either MDM suppliers or Education Department.

5. Regularity in Serving Meal :

Whether the school is serving hot cooked meal daily? If there was interruption, what was the extent and reasons for the same?

Indicators	
	All 41 sampled schools of Directorate of Education (DOE), East Delhi Municipal Corporation (EDMC) and aided schools visited by MI were found serving freshly cooked meals to children from centralized kitchens. There has been no stated or recorded interruption.
	<p><u>6. Quality & Quantity of Meal:</u> Feedback from children on</p> <p>i) Quality of meal</p> <p>According to MI's own observations and responses from students and head teachers, the quality of meals supplied are average. Nearly 61% of children reported quality as dissatisfactory. Gravy of Dal, Chhole was thin and vegetable was average. The quality and quantity of rice and puris were not satisfactory; machine-made puris were found to be hard. Sometimes under cooked or over cooked puri and rice are served.</p> <p>Children and teachers reported Dal /sabzi/karhi quality as average. About 37 % children like vegetable Dalia (????) the least. 90% children prefer puri, 78 % chhole -rice and Besan Curhi. At EDMC primary school 62% like halwa the least owing to poor quality. It was also observed that aided school children like MDM the least.</p>
	<p>ii) Quantity of meal</p> <p>It was observed by MI during sampled school visits that generally two puris (70 gm) per head are served from suppliers to class V, and 2 to 3 puris (70gm to 105gm) from classes VI to VIII. Nearly 58% of primary school children informed two puris per head iare too less for them. Similarly, nearly 61% upper primary children find 2-3 puris per head similarly insufficient. MI noticed that majority of MDM In-charges were unaware of cooked meal entitlement of a child as prescribed by department.</p> <p>It is desirable cooked meal quantity and entitlement be displayed along with menu.</p>
	<p>iii) Quantity of pulses used in the meal per child.</p> <p>MI observed that one ladle dal was served to primary class children and two ladles to upper primary children.</p>
	<p>iv) Quantity of green leafy vegetables used in the meal per child.</p> <p>Leafy green vegetable is not served. They are, however, used in curhi.</p>
	<p>v) Whether double fortified salt is used?</p> <p>All kitchens visited by MI use double fortified salt.</p>
	<p>vi) Acceptance of the meal amongst the children.</p> <p>In MI's own observations and information from children meals are accepted by nearly 85% primary school children and 66% upper primary children. Secondary class children also desire</p>

Indicators

to have MDM in composite DOE schools.

vii) Method / Standard gadgets / equipment for measuring the quantity of food to be cooked and served.

Generally ladles are used for serving meal among children. No standard gadgets are used for measuring Rice, Dal or other servings.

{Please give reasons and suggestions to improve, if children were not happy.}

In order to meet the larger ends of MDM, it is significant that both quantity and quality of MDM improve, as also variation in the menu. Nearly 23 % DOE upper primary and 52% aided schools children carry lunch from home and some of them avail MDM too. All children were found preferring puri, rice, and besan curhi. Above all, MDM supervision requires strengthening.

In 11 (27%) DOE and 11(27%) EDMC schools there are weighing machines but only 9(22%) at DOE and 9 (22%) at EDMC were functional. Moreover, they are used only occasionally. The turnover of cooks employed by suppliers is high. Quantity of meals received in schools is not weighed in schools. Nor are other records maintained. Generally in high enrolment schools the quantity of meals received is inadequate. Sometimes thick puri and undercooked puri are found served. Some children and teachers suggested Rajma be included in DOE and aided schools MDM menu. It was noted that MDM committee members do not give requisite feedback and suggestions.

Children reported in DOE and EDMC schools that rice based meals (Rice- Curhi, Rice- Rajma, Rice Chhole and Rice Dal) are all mixed together and served. This practice is neither appropriate nor healthy. School authorities do not pay attention.

Awareness about healthy food, entitlement and objectives of MDM programme should be created among children i.e. quiz and debates etc.

Table No. 3, school wise status of Digital Weighing machine

Sl.No.	Name of schools	Digital Weighing machine Yes/No	If Yes Working condition	MDM Cooked meal Receiving register Yes/No	If Yes register maintain Yes/No
1.	Govt.(Co-ed)SS School Preet Vihar.	Yes	No	Yes	Yes
2.	SKV, Patparganj.	Yes	Yes	Yes	Yes
3.	GGSSS, No.2 Gandhi Nagar.	No	---	Yes	Yes
4.	SKV, Mandawali.	Yes	Yes	Yes	Yes
5.	SKV, New Ashok Nagar.	No	---	Yes	Yes

Indicators

6.	SKV,Shankar Nagar.	Yes	Yes	Yes	No
7.	GGSSS,B-block New Kondli.	Yes	Yes	Yes	Yes
8.	SBV,Dallupura.	No	---	Yes	Yes
9.	SKV, Block-20 Trilokpuri.	No	---	Yes	Yes
10.	SBV,Kondli.	No	---	No	---
11.	GBSSS, Vasundhara Enclave.	Yes	Yes	Yes	No
12.	SKV, JI. Colony Khicharipur.	Yes	Yes	Yes	Yes
13.	SKV, Kalyanpuri.	No	---	Yes	Yes
14.	SBV, No.-2 Shakarpur.	Yes	Yes	Yes	No
15.	Govt.(Co-ed)S School, West Azad Nagar.	No	---	Yes	Yes
16.	GBSSS,Block-13 Geeta colony.	No	---	Yes	No
17.	SBV, Pocket-2 Mayur Vihar-I.	Yes	No	Yes	No
18.	SBV, Rani garden.	No record	--	---	---
19.	SBV, East Vinod Nagar..	Yes	Yes	Yes	No
20.	GBSSS,Joshi colony.	Yes	Yes	Yes	No
21.	Mahamana Middle School, Jagatpuri.(Aided)	No	---	Yes	No
EDMC, SCHOOL					
22.	EDMC Girls Primary School,Block-12 Kalyanpuri.	Yes	Yes	Yes	Yes
23.	EDMC Girls Primary School,block-6 Trilokpuri.	Yes	Yes	Yes	Yes
24.	EDMC Girls Primary School, block-22 Trilokpuri.	Yes	Yes	Yes	Yes
25.	EDMC Girls Primary School, New Ashok Nagar.	Yes	Yes	Yes	Yes
26.	EDMC Girls Primary School, Dallupura.	No	---	Yes	Yes
27.	EDMC Boys Primary School, Vasundhara Enclave.	Yes	Yes	Yes	Yes
28.	EDMC Girls Primary School, Block-A-3 Mayur Vihar-III.	Yes	Yes	Yes	Yes
29.	EDMC Boys Primary School, Block-16 Kalyanpuri.	Yes	Yes	Yes	Yes
30.	EDMC Girls Primary School, Gharoli Village.	Yes	Yes	Yes	Yes
31.	EDMC Co-ed Primary School, Samaspur Jangir.	No	---	Yes	Yes

Indicators					
32.	EDMC Girls Primary School, Shakarpur.	No	---	Yes	Yes
33.	EDMC Boys Primary School,block-3 Trilokpuri.	Yes	Yes	Yes	Yes
34.	EDMC Boys Primary School,Jagatpuri.	Yes	Yes	Yes	Yes
35.	EDMC Boys Primary School, Mandawali.	No	---	Yes	Yes
36.	EDMC Girls Primary School, Gajipur Village.	No	---	Yes	Yes
37.	EDMC Boys Primary School, Patparganj.	Yes	No	Yes	Yes
38.	EDMC Co-ed Primary School, Guru Ramdas Nagar.	No	---	Yes	Yes
39.	EDMC Girls Primary School, Ganesh Nagar.	No	---	Yes	Yes
40.	EDMC Co-ed Primary School, Geeta colony.	No	---	Yes	Yes
41.	EDMC Boys Primary School, Kailash Nagar.	No	---	Yes	Yes
7.Variety of Menu:					
(1) Who decides the menu?					
As per MI's information menu is decided by Mid Day Meal Cell in the Directorate of Education and Directorate of East Delhi Municipal Corporation (EDMC) in consultation with MDM committee. The menu selected by Committee is followed by all schools in respective districts.					
(ii)Whether weekly menu is displayed at a prominent place noticeable to community,					
Out of 41 sampled schools, 9(22%) Directorate of Education and 14(34%) East Delhi Municipal Corporation schools were found displaying MDM weekly menu at convenient and conspicuous places. However, sampled aided schools were not found following this instruction.					
Table No. 4, School wise status of MDM Menu and MDM Logo.					
Sl.No.	Name of schools	Weekly menu MDM, displayed at noticeable place Yes/ No	MDM is prepared as weekly menu	MDM Logo Yes/No	
1.	Govt.(Co-ed)SS School Preet Vihar.	Yes	Yes	No	
2.	SKV, Patparganj.	Yes	Yes	No	
3.	GGSSS, No.2 Gandhi Nagar.	Yes	Yes	No	
4.	SKV, Mandawali.	Yes	Yes	Yes	
5.	SKV,New Ashok Nagar.	No	Yes	No	

Indicators

6.	SKV,Shankar Nagar.	No	Yes	Yes
7.	GGSSS,B-block New Kondli.	Yes	Yes	Yes
8.	SBV,Dallupura.	No	Yes	Yes
9.	SKV, Block-20 Trilokpuri.	Yes	Yes	No
10.	SBV,Kondli.	No	Yes	Yes
11.	GBSSS, Vasundhara Enclave.	No	Yes	No
12.	SKV, JI. Colony Khicharipur.	Yes	Yes	Yes
13.	SKV, Kalyanpuri.	No	Yes	Yes
14.	SBV, No.-2 Shakarpur.	No	Yes	Yes
15.	Govt.(Co-ed)S School, West Azad Nagar.	Yes	Yes	Yes
16.	GBSSS,Block-13 Geeta colony.	Yes	Yes	Yes
17.	SBV, Pocket-2 Mayur Vihar-I.	No	Yes	No
18.	SBV, Rani garden.	No	Yes	No
19.	SBV, East Vinod Nagar..	No	Yes	Yes
20.	GBSSS,Joshi colony.	No	Yes	No
21.	Mahamana Middle School, Jagatpuri.(Aided)	Yes	Yes	No
	EDMC, SCHOOL			
22.	EDMC Girls Primary School,Block-12 Kalyanpuri.	Yes	Yes	No
23.	EDMC Girls Primary School,block-6 Trilokpuri.	Yes	Yes	Yes
24.	EDMC Girls Primary School, block-22 Trilokpuri.	Yes	Yes	No
25.	EDMC Girls Primary School, New Ashok Nagar.	Yes	Yes	No
26.	EDMC Girls Primary School, Dallupura.	Yes	Yes	No
27.	EDMC Boys Primary School, Vasundhara Enclave.	No	Yes	No
28.	EDMC Girls Primary School, Block-A-3 Mayur Vihar-III.	Yes	Yes	No
29.	EDMC Boys Primary School, Block-16 Kalyanpuri.	Yes	Yes	No
30.	EDMC Girls Primary School, Gharoli Village.	Yes	Yes	Yes

Indicators				
31.	EDMC Co-ed Primary School, Samaspur Jangir.	Yes	Yes	No
32.	EDMC Girls Primary School, Shakarpur.	Yes	Yes	No
33.	EDMC Boys Primary School, block-3 Trilokpuri.	No	Yes	No
34.	EDMC Boys Primary School, Jagatpuri.	No	Yes	No
35.	EDMC Boys Primary School, Mandawali.	No	Yes	No
36.	EDMC Girls Primary School, Gajipur Village.	Yes	Yes	No
37.	EDMC Boys Primary School, Patparganj.	Yes	Yes	No
38.	EDMC Co-ed Primary School, Guru Ramdas Nagar.	Yes	Yes	No
39.	EDMC Girls Primary School, Ganesh Nagar.	Yes	Yes	No
40.	EDMC Co-ed Primary School, Geeta colony.	Yes	Yes	No
41.	EDMC Boys Primary School, Kailash Nagar.	No	Yes	No
(iii) Is the menu being followed uniformly?				
School principals and teachers confirm the menu is followed by and large uniformly.				
(iv) Whether menu includes locally available ingredients?				
Suppliers include menu as prescribed by Education Department. According to feed back from children seasonal vegetables should included. They also enhance nutritional value.				
(v) Whether menu provides required nutritional and caloric value per child?				
Teachers opine that prescribed menu provides average nutritional and caloric value.				
<u>8. Display of Information under Right to Education Act, 2009 at the school level at prominent place:</u>				
(i) Quantity and date of food grains received				
MDM cooked in centralized kitchen. (NA)				
(ii) Balance quantity of food grains utilized during the month				
MDM cooked in centralised kitchens (NA).				
(iii) Other ingredients purchased, utilized				
MDM cooked in centralised kitchens (NA).				
(iv) Number of children given MDM				
Sampled DOE and EDMC schools had not displayed information on school information				

Indicators	
	boards. Meal cards and MDM registers were found available at schools. MDM Registers are not maintained everyday in sampled schools.
	(v)Daily menu:
	Out of 41 sampled schools, three day wheat based and 3days Rice based menu is being followed by suppliers.
	<u>(v)Display of MDM logo at prominent place preferably outside wall of the school.</u>
	Out of 41 sampled schools, 11(27%) Directorate of Education (DOE) were found displaying MDM Logo at noticeable places. Sampled aided schools were not found doing this.
	<u>9.Trends:</u> Extent of variation (As per school records vis-à-vis Actual on the day of visit).
	<p>On the day of MI visit, 75% of primary and 71% of upper primary school children were present as per enrolment. Of these 99% primary and 95% upper primary school children had availed MDM as per school MDM register. At a head count and feedback from students MI found that 90% of primary and 76% of upper primary school children were present that day who had actually availed MDM. The difference of 9% in primary and 19% in upper primary are significant. They indicate the prevailing status of meal cards maintained by concerned teachers.</p> <p>MI found that maintenance of Meal Cards of all sampled Directorate of Education and East Delhi Municipal Corporation and aided schools were attendance based rather than on actual consumption of meals. It was observed that cooked meal card of DOE schools and EDMC schools were different from each other. MI suggests Delhi Municipal Corporation (DMC North East and South) meal cards ought to be uniform, such as DOE Meal card. However, Directorate of Education meal card is more transparent than East Delhi municipal Corporation. Municipal Corporation appointed suppliers have supplier's name on Meal card.</p>
	<u>10.Social Equity:</u>
	i) What is the system of serving and seating arrangements for eating?
	MI found in 68% schools children availed mid-day meal standing in queues and 32% schools children in classrooms. This depended on functional convenience and availability of space.
	ii) Did you observe any gender or caste or community discrimination in cooking or serving or seating arrangements?
	No discrimination was identified in serving or consuming of MDM. All sampled schools' children were served meals in same manner.
	iii) The name of the school where discrimination found of any kind may be mentioned in the main body of the report along with date of visit.

Indicators	
	Such incident has not been noticed by MI; neither did children report cases as such.
	iv) If any kind of social discrimination is not found in the school, comments of the team may be given in the inspection register of the school.
	Social discrimination was not observed among children in any sampled schools during school visit. Children took meal in orderly manner and ate together in classrooms/out side.
	<u>11. Convergence With Other Schemes:</u>
	1. SarvaShikshaAbhiyan:
	Civil work and SMC/community training and medical assessment of Children with Special Need (CWSN) are at convergence with SSA Programme. However, MI noticed that there is a lack of coordination between School health programme and Children with Special Need (CWSN).
	2. School Health Programme:
	i) Is there school Health Card maintained for each child?
	MI found out of 41 sample schools, no school has health cards for children in East Delhi Municipal Corporation and DOE schools. Aided schools are not covered under Chacha Nehru School Health Check-up Programme.
	ii) What is the frequency of health check-up?
	Chacha Nehru Health Scheme in East Delhi Municipal Corporation and Directorate of Education Schools covers 16 (39%) and 18 (44%) children. Sampled South Delhi Municipal Corporation and Directorate of Education schools hold annual health checkups. Aided schools children are not extended health check-up benefits. Under Chacha Nehru Health Scheme health checks are conducted but health cards or other records are not available in schools. Health check up personnel retains all records as such. Chacha Nehru scheme more manpower and more health kits.
	iii) Whether children are given micronutrients (Iron, folic acid, vitamin – A dosage) and de-worming medicine periodically?
	Weekly Iron folic scheme (WIFS) tablets are given to children under Chacha Nehru School Health Programme. De-worming tablets were not provided to all sampled school children till 31st December 2014.
	iv) Who administers these medicines and at what frequency?
	MI noticed that school class teachers administered medicines to children every week.
	v) Whether height and weight record of the children is being indicated in the school health card.
	Children's health cards were not found in schools. However some school maintained such information on children performance report card.
	vi) Whether any referral during the period of monitoring.
	Referrals cases were not noticed during monitoring period.

Indicators	
vii) Instances of medical emergency during the period of monitoring.	
No instance of medical emergency was noticed during monitoring period.	
viii) Availability of the first aid medical kit in the schools.	
In all sampled schools First Aid kits were found with essential medicines, such as Dettol, Betadine ointment, Soframycine ointment, Cotton, Paracetamol tablets, Band Aid, and scissors etc. DOE schools have Medical kit which was provided by health department. However, it was found that not more than one teacher was trained to use these kits in an emergency.	
ix) Dental and eye check-up included in the screening.	
In sampled East Delhi Municipal Corporation and Directorate of Education Schools eye check up is included in during CWSN (SSA) screening camp. However, it is not so in aided schools.	
x) Distribution of spectacles to children suffering from refractive error.	
Children suffering from refractive error have been provided spectacles under SSA programme or by EDMC Health Department. However, there is a delay of about 8-10 months in distribution after medical assessment by SSA.	
2. Drinking Water and Sanitation Programme:	
i) Whether potable water is available for drinking purpose in convergence with Drinking Water and Sanitation Programme.	
In all sampled schools potable drinking water is supplied by Delhi Jal Board by underground pipes or tankers. Aquaguard/ RO installed in schools were found inadequate in proportion with enrolled children. Toilets' sanitation is matter of concern in high enrolment schools of DOE and EDMC. High enrolment schools have inadequate strength of sweepers.	
3. MP / MLA LAD Scheme	
MP/MLA LAD scheme were not undertaken in sampled schools.	
4. Any Other Department / Scheme.	
Not Applicable.	
<u>12. Infrastructure:</u>	
1. Kitchen-cum-Store	
a) Is a pucca kitchen shed-cum-store	
MDM is cooked in centralized kitchens. Hence schools do not have Kitchen cum store.	
i) Constructed and in use	
Not Applicable	
ii) Under which Scheme Kitchen-cum-store constructed -MDM/SSA/Others	
iii) Not Applicable	

Indicators	
iv)	Constructed but not in use (Reasons for not using)
	Not Applicable
v)	Under construction
	Not Applicable
vi)	Sanctioned, but construction not started
	Not Applicable
vii)	Not sanctioned
	Not Applicable
b).	In case the pucca kitchen-cum-store is not available, where is the food being cooked and where the food grains /other ingredients are being stored?
	Not Applicable
c)	Kitchen-cum-store in hygienic condition, properly ventilated and away from classrooms.
	Not Applicable
d)	Whether MDM is being cooked by using firewood or LPG based cooking?
	Not Applicable
e)	Whether on any day there was interruption due to non-availability of firewood or LPG?
	Not Applicable
<u>2. Kitchen Devices:</u>	
i)	Whether cooking utensils are available in the school?
	Not Applicable
ii)	Source of funding for cooking and serving utensils – Kitchen Devices fund / MME / Community contribution / others.
	Not Applicable
iii)	Whether eating plates etc are available in the school?
In sampled East Delhi Municipal Corporation (SDMC), Directorate of Education (DOE) and aided Schools children carry eating plates from home .Here too only some upper primary school children carry eating plates and usually children share them with each other. During unit tests and examinations they do not bring the plates. DOE school principal had put in a	

Indicators	
	request with MDM suppliers to provide eating plates/dona; failing which to supply biscuits.
	iv) Source of funding for eating plates - MME / Community contribution / others?
	Out of 41 sampled schools, DOE School principal (how many) reported MME yet withdraw and not for the purpose. Aided schools had not received MME funds from Department. East Delhi Municipal Corporation has not released MME funds to schools.
	<u>3. Availability of storage bins:</u> (i) Whether storage bins are available for food grains? If yes, what is the source of their procurement?
	Not Applicable
	<u>13. Toilets in the school:</u> (i) Is separate toilet for the boys and girls available?
	MI found all sampled schools have separate toilets for boys and girls
	(i) Are toilets usable?
	All toilets are in usable condition. Cleanliness and water supply in are satisfactory in 19(46%) schools. In high enrolment schools their numbers are inadequate. There is then an obvious scarcity of running water in toilets, affecting. Cleanliness and maintenance. House-keeping agency remunerates its deployed staff Rs.3000-3500/-. This is delayed by 3 to 4 months. Strength of deployed staff needs to be increased.
	<u>14. Availability of potable water:</u> (i) Is Tap water / tube well / hand pump / Well / Jet pump available?
	Delhi Jal Board (DJB) water is supplied through underground pipes to schools. Schools have water storage tanks. Aquaguards installed are inadequate in numbers. It was noticed that in sampled 7 EDMC schools, State Bank of India has installed Aquagard/RO under Corporate Social Responsibility (SCR).
	(i) Any other source
	<u>15. Availability of fire extinguishers:</u> 1- Whether availability of fire extinguisher in School? Whether it is functional and demo carried out regularly?
	MI noticed all sampled schools have adequate numbers of fire extinguishers. They were found in working condition. Demo is carried out by Fire and Disaster Management personnel as per schedules.
	<u>16. IT infrastructure available @ School level:</u> (a) Number of computers available in the school (if any).
	MI found all sampled DOE, 19(46%) East Delhi Municipal Corporation and sampled aided schools have computers with IT infrastructure.
	(b) Availability of internet connection (If any).

Indicators	
	MI found DOE, EDMC and aided sampled schools have computers with internet facility. However, East Delhi Municipal Corporation school computers were not functional in 11(27%) sampled schools during MI visit.
	(c)Using any IT / IT enabled services based solutions / services (like e-learning etc.) (if any)
	Schools use computer and internet facility as Management Information Systems (MIS).
	<u>17. Safety & Hygiene:</u>
	(i)General Impression of the environment, Safety and hygiene:
	Safety arrangements were good in 37 % and fair in 63 % in South Delhi Municipal Corporations, Directorate of Education and aided schools.. DOE and EDMC schools students were not persuaded to wash hands before and after eating. This practice was not visible in any of the 41 sampled schools. This could be ascribed to limited lunch break (20 minutes), scarcity of water and teachers' apathy.
	(ii)Are children encouraged to wash hands before and after eating
	MI noticed in all sampled schools of DOE, EDMC and aided children are not encouraged to wash hands before and after eating. Schools have time constraint and inadequate water availability.
	(iii) Do the children take meals in an orderly manner?
	In most schools children take meals in an orderly manner. Teachers supervise MDM distribution only when officials are on visit to schools. Distribution is usually left to helpers. Usually boys are found disobeying the helper. Concerned teachers attitude is usually of apathy. They take this responsibility as an imposition by the Department.
	(iv)Conservation of water?
	All schools encouraged children to conserve water.
	(v)Is the cooking process and storage of fuel safe, not posing any fire hazard?
	Since cooking is done outside the school in Centralized kitchen, safety as such is not an issue in schools.
	<u>18. Community Participation:</u>
	(i)Extent of participation by Parents / SMC / VEC / Panchayats / Urban bodies in daily supervision and monitoring.
	In MI's observation School Management Committees (SMC) have been constituted in all sampled Directorate of Education, EDMC and aided schools. According to minutes of meetings constitution of SMCs is by selection of members in most of the schools. SMC meeting was not held specifically for MDMs. Community participation was found poor in all sampled schools. SMC members/parents in all sampled schools were not aware of their provisioned training for supervision and monitoring of MDM. Nor were they aware of their roles and responsibilities or eligibility and entitlements for cooked, meal quantity per child etc as notified by the state government/local body.

Indicators	
	SMC members only occasionally visit distribution. Most parents are from weaker sections and are busy working during school hours. School authority's attitude is not much healthy toward SMC members. Members are invited only for signatures in meeting registers. Overall participation by parents/SMC/ and local urban bodies was poor in all schools.
(ii)	Is any roster of community members being maintained for supervision of the MDM?
	Roster of community members was not found maintained.
(iii)	Is there any social audit mechanism in the school?
	MI found social audit has not been undertaken in sampled EDMC, DOE, and aided schools.
(iv)	Number of meetings of SMC held during the monitoring period.
	SMC meeting was not held in sampled schools during monitoring period.
(v)	In how many of these meetings issues related to MDM were discussed?
	MI school data informs that SMC meeting had not been held specifically for MDMs.
<u>19. Inspection & Supervision:</u>	
(i)	Is there any Inspection Register available at school level?
	Inspection registers are available in all sampled schools.
(ii)	Whether school has received any funds under MME component?
	MME funds were not received in any sampled schools till November 2014. East Delhi Municipal Corporation has not released MME fund to schools. Aided schools informed they do not receive funds as such.
(iii)	Whether State / District / Block level officers / officials inspecting the MDM Scheme?
	Mid-day meal centralized kitchen was inspected by teachers of Directorate of Education. East Delhi Municipal Corporation school DDE, ADE and School inspector also visited centralized kitchens and schools. While EDMC schools uniformly maintain MDM Registers, DOE and aided schools were found lacking.
(iv)	The frequency of such inspections?
	The frequency of inspection of DOE and East Delhi Municipal Corporation suppliers' Kitchens by schools teachers and MDM in-charges was bi-monthly and quarterly. DOE and EDMC officials rarely inspect sampled second shift schools or aided schools. EDMC school inspector visited occasionally at meal times. No suggestions/remarks were mentioned in inspection registers in sampled schools.
<u>20. Impact:</u>	
(i)	Has the mid day meal improved the enrollment, attendance, retention of children in school?
	In MI's observation, information from teachers and records, mid day meal has improved enr attendance and retention of children in schools.

Indicators				
Table-5				
Particulars	Teachers		Parents	
	Yes	No	Yes	No
Improved Enrolment	39%	61%	47%	53%
Improved Attendance	65%	35%	58%	38%
Improved retention	78%	22%	64%	36%
(I) Whether mid day meal has helped in improvement of the social harmony?				
MI observed that mid day meal has helped in improving social harmony in schools, especially the act of eating together.				
(ii) Whether mid day meal has helped in improvement of the nutritional status of the children?				
In MI observation and teacher's opinions MDM has helped in improvement of nutritional status of children.				
(iii) Is there any other incidental benefit due to serving of meal in schools?				
School teachers informed children's purchasing edibles from street vendors has declined.				
<u>21. Grievance Redressal Mechanism ;</u>				
(i) Is any grievance redressal mechanism in the district for MDMS?				
There was no effective or visible Grievance Redressal Mechanism in any sampled schools of Directorate of Education, aided and East Delhi Municipal Corporation schools.				
(ii) Whether the district / block/zone / school having any Toll Free number?				
In MI's own findings and information from school principals there no Toll Free numbers at either of above.				

III-Service Provider: (Centralized Kitchen)
1. Infrastructure Facilities:
MI representative visited 2 supplier's kitchens, 1 of Directorate of Education and 1 of East Delhi Municipal Corporation appointed supplier. Suppliers were found having adequate working areas, i.e. receiving, storing of food grains, pre-preparation of meal, cooking areas, food assembling and washing areas. Cleanliness was fair in kitchens; dryness was also fair. Ventilation was good. Kitchen was situated in congested area.

2. Procurement and storage of food grains:
(i) Raw material:
Kitchen in-charge informed cereals (pulses, Rajma, black gram), potatoes, sugar, besan and cooking oil were generally purchased on weekly. Most of the product was certified by 'Agmark'. Green vegetables (spinach, coriander leaf) were purchased daily. MI found the quality of raw materials available as fair on the day of visit. One week's raw material was stocked in the store. Records of quantity of raw materials were not available. Food grains records lacked transparency.
(ii) Containers bag used for storage:
Cereals, pulses, rajma, sugar and vegetable were stored in jute and plastic bags while fats and oils in metal/ tin containers. Raw material / ingredients, containers and bags were stacked on raised platform in kitchen store room.
3. Water:-- Source ,availability, storage:
(i) Source of water:
All sample centralized kitchens have Delhi Jal Board water supply and bore wells with submersible pumps. Delhi Jal board water was available in morning and evening. RO plants for water purification were found installed.
(ii) Is water stored in any vessel?
All visited sampled kitchens had 4- 6 plastic tanks (1000 Liters) for water storage.
(iii) How long has water been stored?
Kitchen in-charge informed water is stored for a maximum 12 hours. Water storing utensils were found covered.
4. Pre-preparation:
(i) Equipments used during preparation:
Mechanical equipments i.e. chopping boards, Patila, knives, graters, grinding machine etc, and electrical gadgets i.e. dough/kneader mixer, steam boilers kettles and puri making machines are used for pre-preparation of meals in kitchens.
(ii) Equipment cleaned before use:

All equipment is cleaned before and after use. There were no stains of grease, dirt, rust or detergent on equipments/utensils. All raw materials were washed before cooking.
(iii) Is any facility for refrigeration?
Sampled kitchens did not have refrigeration facility.
5.Preparation and Packaging:
(i) Food items cooked on day of MI visit:
During MI kitchen visit puri and Alloo sabzee, and rice curhi (dal--it is different from curhi) was cooked in kitchen. The cooks used spoon and ladle to add ingredients during cooking.
(ii)Time lapsed between preparation and packaging:
Gap between meal preparation and packaging was between 10 to 15 minutes. Cooked food was allowed cooling time before packaging.
(iii) How is the food packed:
Rice and Puri were packed in steel drums. Vegetable/Pulses were put into steel containers. Packaging material was found clean.
Food weighing was not done in any kitchen before packing. It was done as approximate quantities.
(iv) What is the fuel used for cooking
LPG and steam boilers were used as fuel for cooking.
6. Management of the leftover food:
(i) Is entire food prepared sent to schools is utilized:
In MI's observation and information from kitchen in-charge all cooked meal quantity is sent to schools.
(ii)What the suppliers do with the food uneaten by children?
Leftovers from schools are brought back to the kitchen. They are collected by piggery/dairy farms regularly.
(iii) Has food/meal ever returned by the school authority and its reason?

Kitchen –in charge reported rare instances of meals being returned from schools.
(iv)Dish washing :
Sampled kitchens have separate dish washing areas. Detergents and potassium permanganate are used in washing.
7.Organisational Chart of worker:
(i)Numbers of worker working with supplier’s kitchen in different categories?
All kitchens have employed different categories of workers i.e. Kitchen in-charge, stores in-charge, purchases in-charge, head cook, cook's helpers, handlers and distributors, cleaners /sweepers and guard. All categories of workers were not present during MI visit. <i>Record of manpower working in kitchen was not available. So actual numbers of workers could not be confirmed physically. Record of helpers was not available either at schools and kitchen who serve meals in schools.</i>
(ii)Do they display the organizational chart?
Suppliers had not displayed organizational chart with worker/employee and their numbers in kitchens and schools.
8.Personal hygiene Practice:
(i) Personal hygiene of workers of Kitchen:
Cooks and helpers were found with headgears and uniforms during cooking and packaging of meals only in Stri shakti kitchens. They were well groomed and with clean finger nails.
(ii) Do they have any toilets facility?
Toilet facility was available in all kitchens in good hygienic condition.
(iii) How would you rate hygiene of cook and handlers:
Hygiene amongst cooks and handlers was found fair. There is a need, however, to address sanitation/hygiene practices among other kitchen staff. Dish washing workers need to use gloves and safety shoes.
(iv)Do you observe any unhygienic practices followed by food handlers?
Cooked cum helper need to wear head gear and apron during cooking meal at kitchen.

9.Kitchen waste disposal:
Kitchens were found with covered garbage bins. Garbage is removed twice or thrice every day. There was no littering.
10. Food Transportation:
(i)Mode of transporting of Food.
Kitchen in-charges informed meals are carried to schools in EECO and TATA ACE vans. The driver and handlers together deliver packed meals to schools.
(ii) Are the food containers kept in the vehicle covered properly:
It was observed food containers are properly covered and kept in the vehicle. Vehicle's food compartment was clean and dry.
(iii)Does any person accompany the packed food in the vehicle?
Food handler accompanies packed food in vehicle.
11. Food/meal Evaluation:
In MI's observation sensory food evaluation i.e. appearance, taste, smell, texture and over all acceptability was good.
12. Menu for the whole week:
As stipulated, generally 3 days wheat based and 3 days rice based meal is cooked for MDM.
II-School level checklist: (Mid day meal serve through Centralized Kitchen)
1.Quantity of meal received and records:
(i)Who is in-charge and where meal received:
In all sampled schools MDM in-charge is designated to receive meals. However, MI observed in all schools midday meal was received by guard or peon. School MDM in-charge has no time to receive meal. Supplier's handler places the meals in designated place in school premises.
(ii) what is the approx. quantity of receiving meal:

<p>In the 41 sampled Directorate of Education, East Delhi Municipal Corporation and aided schools daily records of received MDM quantity are only occasionally maintained. Aided schools did not follow this practice at all. It was found that East Delhi Municipal corporation school MDM in-charges calculate cooked meal quantity on the basis of attendance register instead of actual cooked meal received on that day. Consequently where enrolment is higher children remain hungry. DOE schools MDM in- charge also do not maintain records as such.</p>
<p>4.Organisation of MDM at school level:</p>
<p>(i) Is committee constituted For MDM:</p>
<p>Though all sampled schools of all Directorate of Education and East Delhi Municipal Corporation have duly constituted MDM committees, they are ineffective in improving MDM in respective schools. They are not even aware of norms and circulars issued by education Departments introducing improvements in MDM from time to time.</p>
<p>(ii) whether PTA and senior citizen involved:</p>
<p>PTA and senior citizens are members of MDM committees.</p>
<p>(iii) Any health worker involved :</p>
<p>None of schools has a health worker in MDM committee.</p>
<p>(iv) What extent they involved in MDM distribution and taste meal before serve school maintained any record and his /her comment:</p>
<p>It was found that most committee members do not taste meal before it is served amongst children. In many cases school helper tastes meal as such. No remark was observed in MDM registers in DOE and EDMC schools pertaining to meal quality, taste etc. In EDMC school only parent's signature/thumb impression were found on registers. On school visit day none of the MDM committee member/parents turned up to taste meal and put comments in register.</p>
<p>5.Food Handling :</p>
<p>(i) Meal being distributed by the suppliers personnel/handlers:</p>
<p>Yes, Helpers/handlers were have appointed by MDM suppliers in all sampled schools.</p>
<p>(ii) Cleanliness of food handler/helpers:</p>

Hygiene and cleanliness were discussed with helpers and teachers on a five point scale of helpers' health and hygiene. Table -6

Sl.No.		NA	Poor	Fair	Good
1.	Cleanliness of uniforms/cloths	Nil	(20%)	(55%)	(25%)
2.	Wearing head gears /apron/ gloves	Nil	(55%)	(25%)	(20%)
3.	Well groomed	Nil	(22%)	(60%)	(18%)
4.	Finger nail short and cleaned	Nil	Nil	(71%)	(29%)
5.	Any observable sign of illness	Nil	Nil	Nil	Nil

6. Utensil/Equipments for distribution and physical conditions:

In all sampled schools utensils i.e. *Dols*, containers, drums and ladles were of stainless steel. Their physical condition was good in most schools. All containers/and *Dols* were provided with lids. Table -7

Sl. No.	Name of equipments used	Material/metals of used in schools			Physical condition utensils used for MDM supply.		
		Aluminum	Steel	others	Good	Fair	Broken
1.	Dols	---	41	----	25	16	----
2.	Drums/containers	NA	41		22	19	----
3.	Ladle		41		18	23	---

8. Food Evaluation:

Out of 41 sample schools, MDM in-charge informed that sensory food evaluation i.e. appearance, taste, smell, texture and over all acceptability was consumable for children.

Table 8

Sl. No.	Sensory Evaluation	Rating of MDM by MDM in-charge		
		Poor	Fair	Good
1.	Appearance	Nil	30	11
2.	Taste	Nil	28	13
3.	Smell	Nil	31	10
4.	Texture	Nil	23	18
5.	Overall Acceptability	NIL	25	16

Table No 09
List of Schools with DISE code visited by MI

Sr. No	Name of school	Type of School	U-DISE Code	Date of visit school
1.	Govt.(Co-ed)SS School Preet Vihar.	UPS	7040122801	27.10.2014
2.	SKV, Patparganj.	PS&UPS	7040122003	28.10.2014
3.	GGSSS, No.2 Gandhi Nagar.	UPS	7040122904	31.10.2014
4.	SKV, Mandawali.	PS&UPS	7040121802	01.11.2014
5.	SKV,New Ashok Nagar.	PS&UPS	7040121203	03.11.2014
6.	SKV,Shankar Nagar.	PS&UPS	7040122905	07.11.2014
7.	GGSSS,B-block New Kondli.	UPS	7040121503	10.11.2014
8.	SBV,Dallupura.	PS&UPS	7040121403	10.11.2014
9.	SKV, Block-20 Trilokpuri.	PS&UPS	7040120903	11.11.2014
10.	SBV,Kondli.	PS&UPS	7040121502	11.11.2014
11.	GBSSS, Vasundhara Enclave.	UPS	7040121404	12.11.2014
12.	SKV, JI. Colony Khicharipur.	PS&UPS	7040121910	12.11.2014
13.	SKV, Kalyanpuri.	PS&UPS	7040121303	13.11.2014
14.	SBV, No.-2 Shakarpur.	PS&UPS	7040122302	15.11.2014
15.	Govt.(Co-ed)S School, West Azad Nagar.	UPS	7040123502	17.11.2014
16.	GBSSS,Block-13 Geeta colony.	UPS	7040123003	17.11.2014
17.	SBV, Pocket-2 Mayur Vihar-I.	PS&UPS	7040120902	18.11.2014
18.	SBV, Rani garden.	PS&UPS	7040123004	26.11.2014
19.	SBV, East Vinod Nagar..	PS&UPS	7040121908	28.11.2014
20.	GBSSS,Joshi colony.	UPS	7040122002	29.11.2014
21.	Mahamana Middle School, Jagatpuri.(Aided)	UPS	Not available	05.11.2014
	EDMC, SCHOOL			
22.	EDMC Girls Primary School, Block-12 Kalyanpuri.	PS	7040421306	13.11.2014
23.	EDMC Girls Primary School,block-6 Trilokpuri.	PS	Not available	14.11.2014
24.	EDMC Girls Primary School, block-22 Trilokpuri.	PS	7040420901	14.11.2014

25.	EDMC Girls Primary School, New Ashok Nagar.	PS	7040421203	18.11.2014
26.	EDMC Girls Primary School, Dallupura.	PS	7040421407	19.11.2014
27.	EDMC Boys Primary School, Vasundhara Enclave.	PS	7040421408	19.11.2014
28.	EDMC Girls Primary School, Block-A-3 Mayur Vihar-III.	PS	7040421611	20.11.2014
29.	EDMC Boys Primary School, Block-16 Kalyanpuri.	PS	7040421303	20.11.2014
30.	EDMC Girls Primary School, Gharoli Village.	PS	7040421607	21.11.2014
31.	EDMC Co-ed Primary School, Samaspur Jangir.	PS	7040422403	21.11.2014
32.	EDMC Girls Primary School, Shakarpur.	PS	7040422406	22.11.2014
33.	EDMC Boys Primary School, block-3 Trilokpuri.	PS	7040421006	22.11.2014
34.	EDMC Boys Primary School, Jagatpuri.	PS	Not available	25.11.2014
35.	EDMC Boys Primary School, Mandawali.	PS	Not available	25.11.2014
36.	EDMC Girls Primary School, Gajipur Village.	PS	7040422705	27.11.2014
37.	EDMC Boys Primary School, Patparganj.	PS	7040422006	27.11.2014
38.	EDMC Co-ed Primary School, Guru Ramdas Nagar.	PS	7040422004	28.11.2014
39.	EDMC Girls Primary School, Ganesh Nagar.	PS	7040421006	29.11.2014
40.	EDMC Co-ed Primary School, Geeta colony.	PS	7040421006	1.12.2014
41.	EDMC Boys Primary School, Kailash Nagar.	PS	7040421006	1.12.2014

Mid Day Meal Scheme Monitoring report of district- North East Delhi:

2. At school level

Indicators	
<u>1.Availability of food grains:</u>	
(i)Whether buffer stock of food grains for one month is available at the school/kitchen/ MDM suppliers?	
	Food grains are provided to MDM suppliers through Food Corporation of India (FCI). MDM suppliers appointed by Directorate of Education (DOE) and East Delhi Municipal Corporation (EDMC) brought to notice of the MI team that providing stipulated one month buffer stock of grains was not maintained by the government. Directorate of Education (DOE) appointed suppliers informed that there was irregularity in grains-supply to them. It is uncommon that food grains are delivered in advance. Supply frequency is about once every two months.
(ii) Whether food grains are delivered in school/kitchen/ in time by lifting agency?	
	No.
(iii) If lifting agency is not delivering the food grains at school/kitchen/ MDM suppliers how the food grains is transported up to school level?	
	MDM suppliers lift food grains from FCI godowns. Transportation costs are reimbursed by DOE and EDMC.
(iv) Whether the food grain is Fair Average Quality (FAQ) of grade A quality?	
	As per guidelines, though FCI is supposed to supply FAQ of A Grade, suppliers informed there is no uniformity in the quality of grains supplied. Sometimes the quality is good at other times average. However, the quantity of food grains is same as indicated on bags.
(v) Whether food grains are released to school/kitchen/MDM suppliers after adjusting the unspent balance of the previous month?	
	Suppliers informed MI that when food grains are released in advance by Department the unspent balance of previous month is adjusted in current month.
<u>2.Timely release of funds:</u>	
Whether State is releasing funds to District / block / school on regular basis in advance? If not,	
(a) Period of delay in releasing funds by State to district.	
	Directorate of Education (DOE) State nodal agency releases funds to East Delhi Municipal Corporation (EDMC) twice a financial year i.e. July and November. MME funds are released to Directorate of Education schools in october2014. East Delhi Municipal Corporation (EDMC) has not released MME funds. It was noticed that EDMC school HOS/MDM in-charge is not aware about MME fund.
(b) Period of delay in releasing funds by District to block / schools.	

Indicators	
	NA
	(C) Period of delay in releasing funds by block to schools.
	NA
	<u>3.Availability of Cooking Cost:</u>
	ii) Whether school / implementing agency has receiving cooking cost in advance regularly?
	East Delhi Municipal Corporation (EDMC) school cooking cost reaches concerned zones from HQs. DOE cooking cost and cook-cum-helpers payment are available at distinct level. Suppliers informed cooking costs are not received in advance. Costs are received after 30 to 40 days of serving meals.
	(ii) Period of delay, if any receipt of cooking cost.
	In MI's observation, and on basis of data gathered from DOE schools and suppliers' kitchens, procedural matters are often the reasons for delays.
	(iii) In case of non receipt of cooking cost how the meal is served?
	MDM suppliers informed they take internal membership loans and credit from market.
	(iv) Mode of payment of cooking cost (Cash/ cheque/e-transfer?)
	Suppliers confirm that cooking cost is reimbursed through e-transfer.
	<u>4.Availability of Cook-cum-helpers:</u>
	xii) Who engaged Cook-cum-helpers at schools (Department / SMC / VEC / PRI / Self Help Group / NGO /Contractor)?
	MDM suppliers engage cook-cum-helpers.
	xiii) If cook-cum-helper is not engaged who cooks and serves the meal?
	All schools have engaged helpers in school for serving meals.
	xiv) Is the number of cooks-cum-helpers engaged in the school as per GOI norms or as per State norms?

Indicators

Delhi Government MDM cell had laid down guidelines to engage cook cum helpers in proportion with enrolment of children in schools. 50% of cook cum helpers deployed in schools are for serving meal among children, and the other 50% for MDM kitchens. Suppliers have not engaged cook cum helpers in DOE/EDMC as required under guidelines. MI found that engaged cook-cum-helpers are not in specified ratio in DOE and EDMC schools. MI observed despite notification and uploading on Department website, MDM committee members/MDM in-charge are not aware of specified ratio between cooks cum helpers engaged in schools and enrolled children. EDMC schools, HOS and MDM in-charge also are not aware of norms laid down by department. There is apparent a laxity at district/zonal levels towards MDM suppliers.

Table No. 1

School wise status of helpers

Sl. No	Name of schools	Total Students PS/UPS	Cook cum helper as per GOI norms	No. of helpers engaged by MDM suppliers	Remuneration paid per month helpers	Name of suppliers
1.	SKV, No.2 Block C Yamuna Vihar.	1473	Yes	8	1000/-helperFrom January-14	Suprabhat Education and Social Welfare Society
2.	GGSSS,New Usmanpur.	1100	No	4	1000/-helperFrom August -14	Dalit Manav utthan Avom Shiksha Sansthan
3.	SKV,Khajoori Khas.	3163	No	14	1000/-helperFrom January-14	Suprabhat Education and Social Welfare Society
4.	Govt.(Co-ed)MS, Joharipur.	1555	No	6	1000/-helperFrom December-14	Suprabhat Education and Social Welfare Society
5.	SKV, Babarpur.	1118	No	4	1000/-helperFrom March-14	Paras Agro Society
6.	Govt.(Co-ed)SSS, New Jafrabad.	536	No	1	1000/-helperFrom April -14	Dalit Manav utthan Avom Shiksha Sansthan
7.	GGSSS, Jafrabad Ext.	411	Yes	3	1000/-helperFrom July-14	Dalit Manav utthan Avom Shiksha Sansthan
8.	Govt.(Co-ed)SSS, (RDJK) Bhajanpura.	883	No	2	1000/-helper	Suprabhat Education and Social Welfare Society
9.	GBSSS, Karawal Nagar.	2122	Yes	13	1000/-helper From August-13	Royal Manav Mitra Seva Samiti
10.	SV (Co-ed) Badarpur Khadar.	404	No	1	1000/-helper	Royal Manav Mitra Seva

Indicators

							Samiti
11.	SBV, No.1 Block –B Yamuna Vihar.	974	Yes	6	1000/-helper From January -14		Suprabhat Education and Social Welfare Society
12.	SKV,Mandoli.	1326	No	6	800/-helper		Bhartiya Manav Kalyan Parishad
13.	GGMS, Chouhan Bangar Jafrabad.	514	No	1	1000/-helper		Dalit Manav utthan Avom Shiksha Sansthan
14.	GBSS, Mustafa bad.	1703	Yes	10	1000/-helper From July-14		Suprabhat Education and Social Welfare Society
15.	GBSSS, Dayalpur.	988	Yes	6	1000/-helper From February -14		Suprabhat Education and Social Welfare Society
16.	GGSSS, No.-2, Tuhmeerpur.	1664	Yes	8	1000/-helper From April -14		Royal Manav Mitra Seva Samiti
17.	GGSSS, East Gokulpuri.	633	Yes	3	1000/-helper		Royal Manav Mitra Seva Samiti
18.	GBSSS, Sonia Vihar.	1580	Yes	8	1000/-helperFrom July-14		Royal Manav Mitra Seva Samiti
19.	GGSSS,Sabhapur	823	No	3	1000/-helperFrom July-14		Suprabhat Education and Social Welfare Society
20.	GBSSS, Vijay park.	512	Yes	3	1000/-helperFrom January-14		Royal Manav Mitra Seva Samiti
21.	Dr. Zakir Husain Memorial Sr. Sec. School, Jafrabad.(Aided)	1011	No	3	1000/-helper		Dalit Manav utthan Avom Shiksha Sansthan
	EDMC, SCHOOL						
22.	Nigam Pratibha Vidyalaya (Girls) Shastri park Ext.	1110	No	4	900/-helperFrom October-14		Stri Shakti
23.	EDMC Girls Primary school, Bhajanpura.	394	No	1	950/-helper		Bhartiya Manav Kalyan Parishad

Indicators

24.	EDMC Boys Primary school, Gokalpuri.	481	No	2	800/-helper From August-14	Bhartiya Manav Kalyan Parishad
25.	EDMC Boys Primary school, block-C6 Yamuna vihar.	505	No	2	800/-helper From October-14	Bhartiya Manav Kalyan Parishad
26.	EDMC Boys Primary school, Ghonda.	461	No	1	500/-helper From November-14	Dalit Manav utthan Avom Shiksha Sansthan
27.	EDMC Boys Primary school, block-C-1 Yamuna vihar.	625	No	2	800/-helper From October-14	Bhartiya Manav Kalyan Parishad
28.	Nigam Pratibha Vidyalaya (Boys),Babarpur.	261	Yes	2	800/-helper From July-14	Bhartiya Manav Kalyan Parishad
29.	EDMC Boys Primary school, jafrabad.	519	No	2	500/-helper From October -14	Dalit Manav utthan Avom Shiksha Sansthan
30.	EDMC Boys Primary school, Maujpur.	333	Yes	2	500/-helperFrom August-14	Dalit Manav utthan Avom Shiksha Sansthan
31.	EDMC Girls Primary school, Mustafabad old.	1354	No	4	400/-helperFrom July-14	Dalit Manav utthan Avom Shiksha Sansthan
32.	EDMC Girls Primary school, Sonia vihar.	1630	No	6	500/-helper From August -14	Dalit Manav utthan Avom Shiksha Sansthan
33.	EDMC Boys Primary school, Dayalpur.	2005	No	4	600/-helper	Dalit Manav utthan Avom Shiksha Sansthan
34.	EDMC Girls Primary school, Rajeev nagar.	2881	No	6	550/-helper	Dalit Manav utthan Avom Shiksha Sansthan
35.	EDMC Boys Primary school, Sabhapur Gujran.	759	No	2	600/-helper From August-14	Dalit Manav utthan Avom Shiksha Sansthan
36.	EDMC Girls Primary school,Brahmpuri.	647	No	2	500/-helper	Dalit Manav utthan Avom Shiksha Sansthan
37.	Nigam Pratibha Vidyalaya (Boys),Mohanpuri.	632	No	2	500/-helper	Dalit Manav utthan Avom Shiksha Sansthan

Indicators

38.	EDMC Boys Primary school,Gamri.	850	No	2	600/-helper From August-14	Dalit Manav utthan Avom Shiksha Sansthan
39.	EDMC Girls Primary school,Biharipur.	757	No	2	500/-helper	Dalit Manav utthan Avom Shiksha Sansthan
40.	EDMC Nigam Pratibha Vidyalaya (Girls) ,Karawal nagar	1414	No	3	600/-helper From August-14	Dalit Manav utthan Avom Shiksha Sansthan
41.	EDMC Nigam Pratibha Vidyalaya (Girls) Kardampuri.	471	Yes	2	800/-helper	Bhartiya Manav Kalyan Parishad

xv) Honorarium paid to cooks cum helpers.

Helpers at EDMC schools receive a remuneration of anywhere between Rs. 500 to Rs.800/- per month after deduction of TDS. Helpers at DOE schools receive Rs.1000/ per month as stipulated by GOI. Suppliers have paid less remuneration than stipulated between Aug 2013 and April 2014.

xvi) Mode of payment to cook-cum-helpers?

In MI's own observation and information from helpers remuneration are made in cash. It need be ensured that cook cum helper's payment be made through banking channels. Cash payments have led to pilferage.

xvii) Are the remuneration paid to cooks cum helpers regularly?

Most of the helpers at sampled schools received remuneration regularly.

(xviii)Social Composition of cooks cum helpers? (SC/ST/OBC/Minority)

Majority of cooks-cum-helpers were women and from economically weaker sections. Social composition data was not available either at school or Kitchen levels.

xviii) Is there any training module for cook-cum-helpers?

There is no training module for cook cum helpers.

xix) Whether training has been provided to cook-cum-helpers?

Cook cum helpers has not received any formal training.

xx) In case the meal is prepared and transported by the Centralized kitchen / NGO, whether cook-cum-helpers have been engaged to serve the meal to the children at school level.

Mid Day Meals are provided in all schools through Centralized kitchens. Helpers for serving meals have been engaged by MDM suppliers.

xxi) Whether health check-up of cook-cum-helpers has been done?

Indicators	
	Cook cum helpers engaged in schools and kitchens are not provided health check up facility by either MDM suppliers or Education Department.
	<p><u>5. Regularity in Serving Meal :</u> Whether the school is serving hot cooked meal daily? If there was interruption, what was the extent and reasons for the same?</p> <p>All 41 sampled schools of Directorate of Education (DOE), East Delhi Municipal Corporation (EDMC) and aided schools visited by MI were found serving freshly cooked meals to children from centralized kitchens. There has been no stated or recorded interruption.</p>
	<p><u>6. Quality &Quantity of Meal:</u> Feedback from children on</p> <p>viii)Quality of meal</p> <p>Nearly 63% of children reported the overall quality as dissatisfactory. Gravy of Dal, and Chhole was thin and of vegetable, average. Both quality and quantity of rice and puris was unsatisfactory; machine-made puris were found to be hard. Sometimes under cooked or over cooked puri and rice are served. It was observed that quality of rice being served to children varies from supplier to supplier</p> <p>Children and teachers reported dal /sabzi/karhi quality as average. About 39 % children like vegetable dalia (what is vegetable dalia???) the least. School authorities do not provide healthy meal awareness to children. Nearly 95% children prefer puri 85 % chhole rice and Besan Curhi. Owing to poor quality, 67% children at EDMC primary school do not like halwa . It was also observed that MDM is the least preferred meal amongst aided school children.</p>
	ix)Quantity of meal
	<p>It was observed by MI during sampled school visits that generally two puris (70 gm) per head are served from MDM suppliers to class V, and 2 to 3 puris (105gm) from classes VI to VIII. Nearly 58% of primary school children informed two puris per head is too less for them. 61% upper primary children informed that 2-3 puris per head were similarly insufficient. MI noticed that majority of MDM In-charge are unaware of per child cooked meal entitlement as prescribed by department.</p> <p>MI discussed with upper primary class children and MDM in-charge they were not aware of cooked meal quantity prescribed by department for them. It is desirable cooked meal quantity be displayed along with menu.</p>
	x)Quantity of pulses used in the meal per child.
	MI observed that one ladle Dal was given to primary class children and two ladles to upper primary children.

Indicators	
	xi)Quantity of green leafy vegetables used in the meal per child.
	Leafy green vegetable is not served to children. They are, however, used in curhi.
	xii) Whether double fortified salt is used?
	All kitchens visited by MI use double fortified salt.
	xiii) Acceptance of the meal amongst the children.
	In MI's own observations and information from children meals are consumed by nearly 88% primary school children and 71% upper primary children. Secondary class children also desire to have MDM in composite DOE schools.
	xiv)Method / Standard gadgets / equipment for measuring the quantity of food to be cooked and served.
	Generally ladles are used for serving meal among children. No standard gadgets are used for measuring Rice, Dal and others vegetable.
	{Please give reasons and suggestions to improve, if children were not happy.}
	In order to meet the larger ends of MDM, it is significant that both quantity and quality of MDM be improved, as also variation in menu. MI observed that nearly 18 % DOE upper primary and 35% aided schools children carry lunch from home and some of them avail MDM too. All children were found preferring puri, rice, and besan curhi. Above all, MDM supervision requires to be strengthened.
	6(15%) DOE and 16(39%) EDMC schools have weighing machines but they are functional in only 3(7%) DOE and 13 (32%) EDMC schools. They are used only occasionally. However, the quantity of received meals is not weighed in schools, nor any records kept. Generally in high enrolment schools meal quantity of meals received is inadequate. Some time thick puri and undercooked puri are served. Some children and teachers suggested Rajma be included in DOE and aided schools menu It was noted that MDM committee members do not give requisite feedback and suggestions.
	Turnover of cooks employed by suppliers is high. This affects the quality of meals.
	Children reported in DOE and EDMC schools that rice based meals (Rice- Curhi, Rice-Rajma, Rice Chhole and Rice Dal) are all mixed together and served. This practice is neither appropriate nor healthy. School authorities do not pay attention.
	Awareness about healthy food, entitlement to cooked meal and objective of MDM programme should be created among children i.e. quiz debate.

Indicators

Table No. 2

School wise status of Digital Weighing machine

Sl.No.	Name of schools	Digital Weighing machine Yes/No	If Yes Working condition	MDM register Yes/No	If Yes register maintain Yes/No
1.	SKV, No.2 Block C Yamuna Vihar.	Yes	Yes	Yes	Yes
2.	GGSSS,New Usmanpur.	No	---	Yes	Yes
3.	SKV,Khajoori Khas.	No	---	No	---
4.	Govt.(Co-ed)MS, Joharipur.	No	---	Yes	Yes
5.	SKV, Babarpur.	No	---	Yes	No
6.	Govt.(Co-ed)SSS, New Jafrabad.	Yes	No	Yes	No
7.	GGSSS, Jafrabad Ext.	No	---	Yes	No
8.	Govt.(Co-ed)SSS, (RDJK) Bhajanpura.	No	---	Yes	Yes
9.	GBSSS, Karawal Nagar.	Yes	Yes	Yes	Yes
10.	SV (Co-ed) Badarpur Khadar.	No	---	Yes	No
11.	SBV, No.1 Block –B Yamuna Vihar.	No	---	Yes	Yes
12.	SKV,Mandoli.	Yes	Yes	Yes	Yes
13.	GGMS, Chouhan Bangar Jafrabad.	No	---	Yes	No
14.	GBSS, Mustafa bad.	Yes	Yes	Yes	No
15.	GBSSS, Dayalpur.	No	---	Yes	Yes
16.	GGSSS, No.-2, Tukhmeerpur.	No	---	Yes	Yes
17.	GGSSS, East Gokulpuri.	Yes	---	No	---
18.	GBSSS, Sonia Vihar.	No	---	Yes	No
19.	GGSSS,Sabhapur	No	---	Yes	No
20.	GBSSS, Vijay park.	No	---	Yes	No
21.	Dr. Zakir Husain Memorial Sr. Sec. School, Jafrabad.(Aided)	No	---	Yes	No
	EDMC, SCHOOL				

Indicators

22.	Nigam Pratibha Vidyalaya (Girls) Shastri park Ext.	Yes	Yes	Yes	Yes
23.	EDMC Girls Primary school, Bhajanpura.	No	---	Yes	Yes
24.	EDMC Boys Primary school, Gokalpuri.	Yes	Yes	Yes	Yes
25.	EDMC Boys Primary school, block-C6 Yamuna vihar.	Yes	Yes	Yes	Yes
26.	EDMC Boys Primary school, Ghonda.	Yes	Yes	Yes	Yes
27.	EDMC Boys Primary school, block-C-1 Yamuna vihar.	No	---	Yes	Yes
28.	Nigam Pratibha Vidyalaya (Boys),Babarpur.	No	---	Yes	Yes
29.	EDMC Boys Primary school, jafraabad.	Yes	No	Yes	Yes
30.	EDMC Boys Primary school, Maujpur.	No	---	Yes	Yes
31.	EDMC Girls Primary school, Mustafabad old.	Yes	Yes	Yes	Yes
32.	EDMC Girls Primary school, Sonia vihar.	Yes	Yes	Yes	Yes
33.	EDMC Boys Primary school, Dayalpur.	Yes	Yes	Yes	Yes
34.	EDMC Girls Primary school, Rajeev nagar.	Yes	Yes	Yes	No
35.	EDMC Boys Primary school, Sabhapur Gujran.	Yes	No	Yes	No
36.	EDMC Girls Primary school,Brahmpuri.	Yes	Yes	Yes	No
37.	Nigam Pratibha Vidyalaya (Boys),Mohanpuri.	Yes	Yes	Yes	Yes
38.	EDMC Boys Primary school,Gamri.	Yes	Yes	Yes	Yes
39.	EDMC Girls Primary school,Biharipur.	Yes	Yes	Yes	Yes
40.	EDMC Nigam Pratibha Vidyalaya (Girls) , Karawal nagar	Yes	Yes	Yes	Yes
41.	EDMC Nigam Pratibha Vidyalaya (Girls) Kardampuri.	Yes	Yes	Yes	Yes

7.Variety of Menu:

(1) Who decides the menu?

As per MI's information menu is decided by Mid Day Meal Cell in the Directorate of Education and Directorate of East Delhi Municipal Corporation (EDMC) in consultation with MDM committee. The menu selected by Committee is followed by all schools in respective districts.

Indicators

(ii) Whether weekly menu is displayed at a prominent place noticeable to community,

Out of 41 sampled schools, 5(12%) Directorate of Education and 15(36%) East Delhi Municipal Corporation schools were found displaying MDM weekly menu at convenient and conspicuous places. However, sampled aided schools were not found following this instruction.

Table No. 3

School wise status of MDM Menu and MDM Logo

	Name of schools	Weekly menu MDM, displayed at noticeable place Yes/ No	MDM is prepared as weekly menu	MDM Logo displayed at noticeable place Yes/No
1.	SKV, No.2 Block C Yamuna Vihar.	No	Yes	Yes
2.	GGSSS, New Usmanpur.	Yes	Yes	Yes
3.	SKV, Khajoori Khas.	No	Yes	Yes
4.	Govt.(Co-ed)MS, Joharipur.	No	Yes	No
5.	SKV, Babarpur.	No	Yes	No
6.	Govt.(Co-ed)SSS, New Jafrabad.	No	Yes	No
7.	GGSSS, Jafrabad Ext.	No	Yes	No
8.	Govt.(Co-ed)SSS, (RDJK) Bhajanpura.	Yes	Yes	Yes
9.	GBSSS, Karawal Nagar.	No	Yes	No
10.	SV (Co-ed) Badarpur Khadar.	No	Yes	No
11.	SBV, No.1 Block –B Yamuna Vihar.	No	Yes	No
12.	SKV, Mandoli.	Yes	Yes	No
13.	GGMS, Chouhan Bangar Jafrabad.	No	Yes	No
14.	GBSS, Mustafa bad.	Yes	Yes	No
15.	GBSSS, Dayalpur.	No	Yes	No
16.	GGSSS, No.-2, Tukhmeerpur.	No	Yes	No
17.	GGSSS, East Gokulpuri.	Yes	Yes	Yes

Indicators

18.	GBSSS, Sonia Vihar.	No	Yes	No
19.	GGSSS,Sabhapur	No	Yes	No
20.	GBSSS, Vijay park.	No	Yes	No
21.	Dr. Zakir Husain Memorial Sr. Sec. School, Jafrabad.(Aided)	No	Yes	No
	EDMC, SCHOOL			
22.	Nigam Pratibha Vidyalaya (Girls) Shastri park Ext.	Yes	Yes	No
23.	EDMC Girls Primary school, Bhajanpura.	Yes	Yes	No
24.	EDMC Boys Primary school, Gokalpuri.	Yes	Yes	No
25.	EDMC Boys Primary school, block-C6 Yamuna vihar.	No	Yes	No
26.	EDMC Boys Primary school, Ghonda.	Yes	Yes	No
27.	EDMC Boys Primary school, block-C-1 Yamuna vihar.	Yes	Yes	No
28.	Nigam Pratibha Vidyalaya (Boys),Babarpur.	Yes	Yes	No
29.	EDMC Boys Primary school, jafrabad.	No	Yes	No
30.	EDMC Boys Primary school, Maujpur.	Yes	Yes	No
31.	EDMC Girls Primary school, Mustafabad old.	Yes	Yes	No
32.	EDMC Girls Primary school, Sonia vihar.	Yes	Yes	No
33.	EDMC Boys Primary school, Dayalpur.	No	Yes	No
34.	EDMC Girls Primary school, Rajeev nagar.	Yes	Yes	No
35.	EDMC Boys Primary school, Sabhapur Gujran.	No	Yes	No
36.	EDMC Girls Primary school,Brahmpuri.	Yes	Yes	No
37.	Nigam Pratibha Vidyalaya (Boys),Mohanpuri.	Yes	Yes	No
38.	EDMC Boys Primary school,Gamri.	Yes	Yes	No
39.	EDMC Girls Primary school,Biharipur.	Yes	Yes	No
40.	EDMC Nigam Pratibha Vidyalaya (Girls) ,Karawal nagar	No	Yes	No
41.	EDMC Nigam Pratibha Vidyalaya (Girls) Kardampuri.	Yes	Yes	No

(iii)Is the menu being followed uniformly?

School principal and teachers confirm the menu is followed by and large uniformly.

Indicators	
(iv) Whether menu includes locally available ingredients?	Suppliers follow menu as prescribed by Education Department. According to feed back from children seasonal vegetables should include in MDM. It enhances nutritional value, too.
(v) Whether menu provides required nutritional and caloric value per child?	Teachers opine that prescribed menu provides average nutritional and caloric value.
<u>8. Display of Information under Right to Education Act, 2009 at the school level at prominent place:</u>	
(i) Quantity and date of food grains received	MDM cooked in centralized kitchen. (NA)
(ii) Balance quantity of food grains utilized during the month	MDM cooked in centralised kitchens (NA).
(iii) Other ingredients purchased, utilized	MDM cooked in centralised kitchens (NA).
(iv) Number of children given MDM	Sampled DOE and EDMC schools do not display such information on school information board. Meal cards and MDM registers were available at schools. MDM Register is not maintained on daily basis in sampled schools.
(v) Daily menu:	The prescribed menu of 3 days wheat based and 3 days Rice based MDM is followed by suppliers.
<u>(v) Display of MDM logo at prominent place preferably outside wall of the school.</u>	
Out of 41 sampled schools, 5(12%) Directorate of Education (DOE) were found displaying MDM Logo at noticeable places. Sampled EDMC and aided schools were not found following this practise.	
<u>9. Trends:</u>	
Extent of variation (As per school records vis-à-vis Actual on the day of visit).	
On the day of MI visit, 71% of primary and 67% of upper primary school children were present as per attendance register. Of these 98% primary and 97% upper primary school children had availed MDM as per school MDM register. At a head count and feedback from students MI found that 88% of primary and 74% of upper primary school children had actually availed MDM that day. The difference of 10% in primary and 23% in upper primary are significant. MI found that maintenance of Meal Cards of all sampled Directorate of Education and East Delhi Municipal Corporation and aided schools were attendance based rather than on actual consumption of meals. It was observed that cooked meal card of DOE schools and EDMC schools were different from each other. MI suggests Delhi Municipal Corporation meal cards ought to be uniform and transparent such as the DOE Meal card.	

Indicators	
	Municipal Corporation appointed suppliers use suppliers names on Meal card.
	<u>10.Social Equity:</u>
v)	What is the system of serving and seating arrangements for eating?
	MI found in 76% schools children availed mid-day meal standing in queues and 24% in classrooms. This depended on functional convenience and availability of space.
vi)	Did you observe any gender or caste or community discrimination in cooking or serving or seating arrangements?
	No discrimination was identified in serving or consuming of MDM. All sampled schools' children were served meals in same manner.
vii)	The name of the school where discrimination found of any kind may be mentioned in the main body of the report along with date of visit.
	Such incident has not been noticed by MI; neither did children report cases as such.
viii)	If any kind of social discrimination is not found in the school, comments of the team may be given in the inspection register of the school.
	Social discrimination was not observed among children in any sampled schools during school visit. Children took meal in orderly manner and eat together in classroom and outside classrooms.
	<u>11.Convergence With Other Schemes:</u>
	1.SarvaShikshaAbhiyan:
	Civil work and SMC/community training and medical assessment of Children with Special Need (CWSN) are at convergence with SSA Programme. MI noticed that there is no coordination between School health programme and Children with Special Need (CWSN). It is felt that both programmes need coordination.
	2.School Health Programme:
xi)	Is there school Health Card maintained for each child?
	MI found out of 41 sample schools, none had health cards for children Aided schools are not covered under Chacha Nehru School Health Check-up Programme.
xii)	What is the frequency of health check-up?
	Chacha Nehru Health Scheme was found covering 16 (39%) DOE and 18 (44%) EDMC schools. Sampled South Delhi Municipal Corporation and Directorate of Education schools organise annual health checkups for children. Aided schools children are not extended health check-up provisions under Chacha Nehru Health Scheme. Health cards or other records were not available at school levels. Health checks up personnel retain records as such. Chacha Nehru Health Scheme, however, need be strengthened with adequate manpower and medical kits.

Indicators	
xiii) Whether children are given micronutrients (Iron, folic acid, vitamin – A dosage) and de-worming medicine periodically?	Weekly Iron folic scheme (WIFS) tablets are given to children under Chacha Nehru School Health Programme. De-worming tablets were not provided to all sampled school children till 31st December 2014.
xiv) Who administers these medicines and at what frequency?	MI noticed that school class teacher administered medicines to children every week.
xv) Whether height and weight record of the children is being indicated in the school health card.	Children's health cards were not found in schools. However some school maintained such information on children performance report card.
xvi) Whether any referral during the period of monitoring.	Referrals cases were not noticed during monitoring period.
xvii) Instances of medical emergency during the period of monitoring.	No medical emergency instance was noticed during monitoring period.
xviii) Availability of the first aid medical kit in the schools.	In all sampled schools First Aid kits were found with essential medicines, such as Dettol, Betadine ointment, Soframycine ointment, Cotton, Paracetamol tablets, Band Aid, and scissors etc. DOE schools have Medical kit provided by health department. Not more than one teacher was found trained to use the kit during emergency.
xix) Dental and eye check-up included in the screening.	In sampled East Delhi Municipal Corporation and Directorate of Education Schools eye check up is included in the screening during CWSN (SSA) screening camps.
xx) Distribution of spectacles to children suffering from refractive error.	Children with refractive error have been provided spectacles by SSA or EDMC Health Department. There, however, has been an 8-10 months delay between medical assessment and distribution of spectacles.
2. Drinking Water and Sanitation Programme:	
ii) Whether potable water is available for drinking purpose in convergence with Drinking Water and Sanitation Programme.	In all sampled schools potable drinking water is supplied by Delhi Jal Board with underground pipes and tanker. Aquaguard/ RO installed in schools were found inadequate in proportion to enrolled children. Toilets' sanitation is matter of concern in high enrolment schools of DOE and EDMC. High enrolment schools have inadequate sweeper-strength.
3. MP / MLA LAD Scheme	
MP/MLA LAD scheme were not undertaken in sampled schools.	

Indicators	
4. Any Other Department / Scheme.	
	Not Applicable.
<u>12.Infrastructure:</u>	
1. Kitchen-cum-Store	
a) Is a pucca kitchen shed-cum-store	
	MDM is cooked in centralized kitchens. Hence schools do not need Kitchen cum store.
viii) Constructed and in use	
	Not Applicable
ix) Under which Scheme Kitchen-cum-store constructed -MDM/SSA/Others	
x) Not Applicable	
xi) Constructed but not in use (Reasons for not using)	
	Not Applicable
xii) Under construction	
	Not Applicable
xiii) Sanctioned, but construction not started	
	Not Applicable
xiv) Not sanctioned	
	Not Applicable
b). In case the pucca kitchen-cum-store is not available, where is the food being cooked and where the food grains /other ingredients are being stored?	
	Not Applicable
c) Kitchen-cum-store in hygienic condition, properly ventilated and away from classrooms.	
	Not Applicable
d) Whether MDM is being cooked by using firewood or LPG based cooking?	
	Not Applicable
e) Whether on any day there was interruption due to non-availability of firewood or LPG?	
	Not Applicable

Indicators	
<u>2. Kitchen Devices:</u>	
v) Whether cooking utensils are available in the school?	
	Not Applicable
vi) Source of funding for cooking and serving utensils – Kitchen Devices fund / MME / Community contribution / others.	
	Not Applicable
vii) Whether eating plates etc are available in the school?	
	In sampled East Delhi Municipal Corporation (EDMC), Directorate of Education (DOE) and aided Schools children carry eating plates from home Here too only some upper primary school children carry eating plates and usually children share them with each other. During unit tests and examinations they do not bring the plates. DOE school principal had put in a request with MDM suppliers to provide eating plates/dona; failing which to supply biscuits.
viii) Source of funding for eating plates - MME / Community contribution / others?	
	Out of 41 sampled schools, DOE School principal (how many) reported MME yet not withdraw and not use for the purpose. Aided schools had not received MME funds from Department. East Delhi Municipal Corporation has not released MME funds to schools.
<u>3. Availability of storage bins:</u>	
(i)Whether storage bins are available for food grains? If yes, what is the source of their procurement?	
	Not Applicable
<u>13.Toilets in the school:</u>	
(i)Is separate toilet for the boys and girls are available?	
	MI found all sampled schools have separate toilets for boys and girls
(i)Are toilets usable?	
	All toilets are in usable condition. Cleanliness and water supply in are satisfactory in 15(36%) schools. In high enrolment schools their numbers are inadequate. There is then an obvious scarcity of running water in toilets, affecting. Cleanliness and maintenance. House-keeping agency remunerates its deployed staff Rs.3000-3500/. This is delayed by 3 to 4 months. Strength of deployed staff needs to be increased.
<u>14.Availability of potable water:</u>	
(i)Is Tap water / tube well / hand pump / Well / Jet pump available?	
	Delhi Jal Board (DJB) water is supplied through underground pipes to schools into water storage tanks. Aquaguards installed are inadequate in numbers. In 4 EDMC schools, State Bank of India has installed Aquagard/RO under Corporate Social Responsibility (SCR).

Indicators	
(i)Any other source	
<u>15.Availability of fire extinguishers:</u>	
1- Whether availability of fire extinguisher in School? Whether it is functional and demo carried out regularly?	
All sampled schools have adequate number of fire extinguishers. MI found in working condition. Demo is carried out by Fire and Disaster Management personnel as per schedules.	
<u>16.IT infrastructure available @ School level:</u>	
(a)Number of computers available in the school (if any).	
MI found all sampled DOE, 17(46%) East Delhi Municipal Corporation and sampled aided schools have computers with IT infrastructure.	
(b)Availability of internet connection (If any).	
DOE, EDMC and aided sampled schools have computers with internet connections. However, East Delhi Municipal Corporation school computers were found functional in 9 (20%) sampled schools during MI visit.	
(c)Using any IT / IT enabled services based solutions / services (like e-learning etc.) (if any)	
Schools use computer and internet facility as Management Information System (MIS) purpose.	
<u>17. Safety & Hygiene:</u>	
(i)General Impression of the environment, Safety and hygiene:	
In 41 visited East Delhi Municipal Corporations, Directorate of Education and aided schools safety arrangements in 26% were found good and 74% fair. DOE and EDMC schools students were not encouraged to wash hands before and after eating. No sampled school has this essential practise. This is largely on account of limited lunch break (20 minutes), scarcity of water and teachers' apathy.	
(ii)Are children encouraged to wash hands before and after eating	
MI noticed children are not encouraged to in sampled schools to wash hands before and after meals. Schools have time constraint and inadequate water availability in schools.	
(iii) Do the children take meals in an orderly manner?	
In most schools children take meals in an orderly manner. Teachers supervise MDM distribution only when officials are on visit to schools. Distribution is usually left to helpers. Usually boys are found disobeying the helper. Concerned teachers attitude is usually of apathy. They take this responsibility as an imposition by the Department.	
(iv)Conservation of water?	
All schools encouraged water conservation amongst children.	
(v)Is the cooking process and storage of fuel safe, not posing any fire hazard?	

Indicators	
	Since cooking is done outside the school in Centralized kitchen, safety as such is not an issue in schools.
	<u>18. Community Participation:</u>
	(i)Extent of participation by Parents / SMC / VEC / Panchayats / Urban bodies in daily supervision and monitoring.
	School Management Committees (SMC)has been constituted in all sampled Directorate of Education, EDMC and aided schools. According to minutes of meetings constitution of SMCs by selection of members in most of the schools. SMC meeting was not held specifically for MDMs. Community participation was found poor. SMC members/parents in schools were not aware of their provisioned training towards supervision and monitoring of MDM. Nor were they aware of their roles and responsibilities or children's entitlement, meal quantity per child etc as notified by the state government/local body. SMC members only occasionally visit at distribution time. It was observed, and SMC members opined too that School authorities attitude much helpful toward members. They are invited only for signatures in meeting registers. Overall participation by parents/SMC/ and Local urban bodies was poor in all schools. Officials do not pay attention status of SMCs.
	(ii)Is any roster of community members being maintained for supervision of the MDM?
	Roster of community members was not being maintained.
	(iii)Is there any social audit mechanism in the school?
	MI found social audit has not been undertaken in sampled EDMC, DOE and aided schools.
	(iv)Number of meetings of SMC held during the monitoring period.
	SMC meeting was not held in sampled schools during monitoring period.
	(v) In how many of these meetings issues related to MDM were discussed?
	MI school data reveals that SMC meeting had not been held specifically for MDMs.
	<u>19. Inspection & Supervision:</u>
	(i)Is there any Inspection Register available at school level?
	Inspection register are in place in all sampled schools.
	(ii)Whether school has received any funds under MME component?
	MME funds were not received in any sampled schools till November 2014. East Delhi Municipal Corporation has not released MME fund to schools. Aided schools informed they do not receive funds as such.
	(iii)Whether State / District / Block level officers / officials inspecting the MDM Scheme?
	Mid-day meal centralized kitchen was inspected by teachers of Directorate of Education. DDE, ADE and School inspector from East Delhi Municipal Corporation visited centralized kitchens and schools. While EDMC schools uniformly maintain MDM Registers, DOE and

Indicators				
aided schools were found lacking.				
(iv)The frequency of such inspections?				
The frequency of inspection of Kitchens by schools teachers and MDM in-charges was bi-monthly and quarterly. DOE and EDMC officials rarely visit second shift schools or aided schools for inspection. EDMC school inspector visited occasionally at meal time. Suggestions/remarks were not entered in inspection registers.				
<u>20.Impact:</u>				
(i)Has the mid day meal improved the enrollment, attendance, retention of children in school?				
In MI's observation, information from teachers and records, mid day meal has improved attendance and retention of children in schools.				
Table-4				
Particulars	Teachers		Parents	
	Yes	No	Yes	No
Improved Enrolment	43%	57%	45%	55%
Improved Attendance	69%	31%	53%	47%
Improved retention	76%	24%	61%	39%
(I)Whether mid day meal has helped in improvement of the social harmony?				
MI observed that mid day meal has helped in improving social harmony in schools, especially the act of eating together.				
(ii)Whether mid day meal has helped in improvement of the nutritional status of the children?				
In MI observation and teacher's opinions MDM has helped in improvement of nutritional status of children.				
(iii)Is there any other incidental benefit due to serving of meal in schools?				
School teachers informed children's purchasing edibles from street vendors has declined.				
<u>21.Grievance Redressal Mechanism :</u>				
(i)Is any grievance redressal mechanism in the district for MDMS?				
There was no visible Grievance Redressal Mechanism in any sampled school.				
(ii)Whether the district / block/zone / school having any Toll Free number?				
In MI's own findings and information from school principals there no Toll Free number at either of above.				

III-Service Provider: (Centralized Kitchen)
1.Infrastructure Facilities:
MI representative visited 2 supplier's kitchens: 1 of Directorate of Education and 1 of East Delhi Municipal Corporation. They were found having adequate working areas, i.e. Receiving, storing of food grains, pre-preparation of meal, cooking areas, food assembling and washing areas. Cleanliness was fair in kitchens; Dryness was also fair. Ventilation was good.
2. Procurement and storage of food grains:
(i)Raw material:
Kitchen in-charge informed cereals (pulses, Rajma, black gram), potatoes, sugar, besan and cooking oil were generally purchased on weekly. Most of the product was certified by 'Agmark'. Green vegetables (spinach, coriander leaf) were purchased daily. MI found the quality of raw materials available as fair on the day of visit. One week's raw material was stocked in the store. Records of quantity of raw materials were not available. Food grains records lacked transparency.
(ii) Containers bag used for storage:
Cereals, pulses, Rajma, sugar and vegetable were stored in jute and plastic bags while fats and oils in metal/ tin containers. Raw material / ingredients, containers and bags were stacked on raised platform in kitchen store room.
3.Water:-- Source ,availability, storage:
(i)Source of water:
All sample centralized kitchens have Delhi Jal Board water supply and bore wells with submersible pumps. Delhi Jal board water was available in morning and evening. RO plants for water purification were found installed.
(ii) Is water stored in any vessel?
All visited sampled kitchens had 2- 4 plastic tanks (1000 Liters) 2-5 (500)liters for water storage.
(iii) How long has water been stored?
Kitchen in-charge informed water is stored for a maximum 10 hours. Water storing utensils

<p>were found covered.</p>
<p>4. Pre-preparation:</p>
<p>(i) Equipments used during preparation:</p>
<p>Mechanical equipments i.e. chopping boards, Patila, knives, graters, grinding machine etc, and electrical gadgets i.e. dough/kneader mixer, steam boilers kettles and puri making machines are used for pre-preparation of meals in kitchens.</p>
<p>(ii) Equipment cleaned before use:</p>
<p>All equipment is cleaned before and after use. There were no stains of grease, dirt, rust or detergent on equipments/utensils. All raw materials were washed before cooking.</p>
<p>(iii) Is any facility for refrigeration?</p>
<p>Sampled kitchens did not have refrigeration facility.</p>
<p>5.Preparation and Packaging:</p>
<p>(i) Food items cooked on day of MI visit:</p>
<p>During MI kitchen visit puri and chhole, and rice curhi and vegetable Dalia (<i>dal---it is different from curhi</i>) was cooked in kitchen. The cooks used spoon and ladle to add ingredients during cooking.</p>
<p>(ii)Time lapsed between preparation and packaging:</p>
<p>Gap between meal preparation and packaging was between 10 minutes. Cooked food was allowed cooling time before packaging.</p>
<p>(iii) How is the food packed:</p>
<p>Rice and Puri were packed in steel drums. Vegetable/Pulses were put into steel doles. Packaging material was found clean.</p> <p>Food weighing was not done in any kitchen before packing. It was done as approximate quantities.</p>
<p>(iv) What is the fuel used for cooking</p>
<p>LPG and steam boilers were used as fuel for cooking.</p>

6. Management of the leftover food:
(i) Is entire food prepared sent to schools is utilized:
In MI's observation and information from kitchen in-charge all cooked meal quantity is sent to schools.
(ii)What the suppliers do with the food uneaten by children?
Leftovers from schools are brought back to the kitchen. They are collected by piggery/dairy farms regularly.
(iii) Has food/meal ever returned by the school authority and its reason?
Kitchen –in charge reported instances of meals being returned from schools are rare .
(iv)Dish washing :
Sampled kitchens have separate dish washing areas. Detergents and potassium permanganate are used in washing.
7.Organisational Chart of worker:
(i)Numbers of worker working with supplier's kitchen in different categories?
All kitchens have employed different categories of workers i.e. Kitchen in-charge, stores in-charge, purchases in-charge, head cook, cook's helpers, handlers and distributors, cleaners /sweepers and guard. All categories of workers were not present during MI visit. <i>Record of manpower working in kitchen was not available. Hence,actual number of workers could not be confirmed. Record of helpers was not available either at schools or at kitchen.</i>
(ii)Do they display the organizational chart?
Suppliers had not displayed organizational chart with worker/employee and their numbers in kitchens and schools.
8.Personal hygiene Practice:
(i) Personal hygiene of workers of Kitchen:
Cooks and helpers were not found with headgears and uniforms during cooking and packaging of meals in kitchens. They, however, were well groomed and with clean finger nails. They did not use gloves while handling food. Uniforms and head gears are worn only

during visits by officials.
(ii) Do they have any toilets facility?
Toilet facility was available in all kitchens in good hygienic condition.
(iii) How would you rate hygiene of cook and handlers:
There is a need to address sanitation/hygiene practices among other kitchen staff. Dish washing workers need to use gloves and safety shoes.
(iv) Do you observe any unhygienic practices followed by food handlers?
Cooked cum helper need to wear head gear and apron while cooking meals.
9. Kitchen waste disposal:
Kitchens were found with covered garbage bins. Garbage is removed twice or thrice every day. There was no littering.
10. Food Transportation:
(i) Mode of transporting of Food.
Kitchen in-charges informed meals are carried to schools in EECO vans, manually pulled rickshaw and TATA ACE vans. The driver and handlers together deliver packed meals to schools.
(ii) Are the food containers kept in the vehicle covered properly:
It was observed food containers are properly covered and kept in the vehicle. Vehicle's food compartment was clean and dry.
(iii) Does any person accompany the packed food in the vehicle?
Food handler accompanies packed food in vehicle.
11. Food/meal Evaluation:
In MI's observation sensory food evaluation i.e. appearance, taste, smell, texture and overall acceptability was good.
12. Menu for the whole week:

As stipulated, generally 3 days wheat based and 3 days rice based meal is cooked for MDM.
II-School level checklist: (Mid day meal serve through Centralized Kitchen)
1.Quantity of meal received and records:
(i)Who is in-charge and where meal received:
In all sampled schools MDM in-charge is designated to receive meals. However, MI observed in all schools midday meal was received by the guard or peon. School MDM in-charge has no time to receive meal. Supplier’s handler places it in designated place in school premises.
(ii) what is the approx. quantity of receiving meal:
In the total 41 sampled schools records of received MDM quantity are maintained only occasionally. Aided schools were not found maintaining records at all. It was found that East Delhi Municipal corporation school MDM in-charges calculate cooked meal quantity on the basis of attendance register instead of actual cooked meal received on a particular day. Consequently where enrolment is higher children remain hungry.
4.Organisation of MDM at school level:
(i) Is committee constituted For MDM:
Though all sampled schools of all Directorate of Education and East Delhi Municipal Corporation have duly constituted MDM committees, they are ineffective in improving MDM. They are not even aware of norms and circulars issued for improvement of MDM from time to time.
(ii) whether PTA and senior citizen involved:
PTA and senior citizens are members of MDM committees.
(iii) Any health worker involved :
No school has a health worker in MDM committee.
(iv) What extent they involved in MDM distribution and taste meal before serve school maintained any record and his /her comment:
It was found that most committee members do not taste meal before it is served amongst

children. In many cases school helper tastes the meal. No remark was observed in MDM registers in DOE and EDMC schools pertaining to meal quality, taste etc. In EDMC school only parent's signature/thumb impression were found on registers. On school visit day none of the MDM committee member/parents turned up to taste meal and input comments in register.

5. Food Handling :

(i) Meal being distributed by the suppliers personnel/handlers:

Helpers/handlers are appointed by MDM suppliers in all sampled schools.

(ii) Cleanliness of food handler/helpers:

Hygiene and cleanliness were discussed with helpers and teachers on a five point scale of helpers' health and hygiene. Table -5

Sl.No.		NA	Poor	Fair	Good
1.	Cleanliness of uniforms/cloths	Nil	(20%)	(65%)	(15%)
2.	Wearing head gears /apron/ gloves	Nil	(75%)	(15%)	(10%)
3.	Well groomed	Nil	(28%)	(57%)	(15%)
4.	Finger nail short and cleaned	Nil	Nil	(78%)	(22%)
5.	Any observable sign of illness	Nil	Nil	Nil	Nil

6. Utensil/Equipments for distribution and physical conditions:

In all sampled schools utensils i.e. *Dols*, containers, drums and ladles were of stainless steel. Their physical condition was good in most schools. All containers/and *Dols* were provided with lids.

Table -6

Sl. No.	Name of equipments used	Material/metals of used in schools			Physical condition utensils used for MDM supply.		
		Aluminum	Steel	others	Good	Fair	Broken
1.	Dols	---	41	----	28	13	----
2.	Drums/containers	NA	41		25	16	----
3.	Ladle		41		22	19	---

8.Food Evaluation:

Out of 41 sample schools, sensory food evaluation i.e. appearance, taste, smell, texture and over all acceptability was consumable for children.

Table 7

Sl. No.	Sensory Evaluation	Rating of MDM by MDM in-charge		
		Poor	Fair	Good
1.	Appearance	Nil	32	9
2.	Taste	Nil	2	13
3.	Smell	Nil	31	10
4.	Texture	Nil	23	18
5.	Overall Acceptability	NIL	25	16

Table No. 8

List of Schools with DISE code visited by MI

Sr. No	Name of school	Type of School	U-DISE Code	Date of visit school
1.	SKV, No.2 Block -C Yamuna Vihar.	PS&UPS	7030125605	04.12.2014
2.	GGSSS,New Usmanpur.	UPS	7030125101	05.12.2014
3.	SKV,Khajoori Khas.	PS&UPS	7030126902	06.12.2014
4.	Govt.(Co-ed)MS, Joharipur.	UPS	7030126204	08.12.2014
5.	SKV, Babarpur.	PS&UPS	7030126002	09.12.2014
6.	Govt.(Co-ed)SSS, New Jafrabad.	UPS	7030125903	10.12.2014
7.	GGSSS, Jafrabad Ext.	UPS	7030125901	11.12.2014
8.	Govt.(Co-ed)SSS, (RDJK) Bhajanpura.	UPS	7030125301	16.12.2014
9.	GBSSS, Karawal Nagar.	UPS	7030127101	17.12.2014
10.	SV(Co-ed) Badarpur Khadar.	PS&UPS	7030127203	18.12.2014
11.	SBV, No.1 Block –B Yamuna Vihar.	PS&UPS	7030125611	18.12.2014
12.	SKV,Mandoli.	PS&UPS	7030124309	19.12.2014
13.	GGMS, Chouhan Bangar Jafrabad.	UPS	7030125201	19.12.2014
14.	GBSS, Mustafa bad.	UPS	7030126802	19.12.2014
15.	GBSSS, Dayalpur.	UPS	7030127004	20.12.2014
16.	GGSSS, No.-2, Tukhmeerpur.	UPS	7030126701	20.12.2014
17.	GGSSS, East Gokulpuri.	UPS	7030126201	20.12.2014
18.	GBSSS, Sonia Vihar.	UPS	7030127201	22.12.2014
19.	GGSSS,Sabhapur	UPS	7030127103	22.12.2014
20.	GBSSS, Vijay park.	UPS	7030125202	23.12.2014
21.	Dr. Zakir Husain Memorial Sr. Sec. School,Jafrabad.(Aided)	UPS	7030225001	12.12.2014
	EDMC, SCHOOL			
22.	Nigam Pratibha Vidyalaya (Girls) Shastri park Ext.	PS	7030425107	03.12.2014
23.	EDMC Girls Primary school, Bhajanpura.	PS	7030425304	03.12.2014
24.	EDMC Boys Primary school, Gokalpuri.	PS	7030426206	03.12.2014
25.	EDMC Boys Primary school, block-C6 Yamuna vihar.	PS	7030425601	04.12.2014

26.	EDMC Boys Primary school, Ghonda.	PS	7030425502	05.12.2014
27.	EDMC Boys Primary school, block-C-1 Yamuna vihar.	PS	7030425605	08.12.2014
28.	Nigam Pratibha Vidyalaya (Boys),Babarpur.	PS	7030426006	09.12.2014
29.	EDMC Boys Primary school, jafrabad.	PS	7030425001	10.12.2014
30.	EDMC Boys Primary school, Maujpur.	PS	7030425201	11.12.2014
31.	EDMC Girls Primary school, Mustafabad old.	PS	7030426801	12.12.2014
32.	EDMC Girls Primary school, Sonia vihar.	PS	7030427203	15.12.2014
33.	EDMC Boys Primary school, Dayalpur.	PS	7030427001	15.12.2014
34.	EDMC Girls Primary school, Rajeev nagar.	PS	7030426803	15.12.2014
35.	EDMC Boys Primary school, Sabhapur Gujran.	PS	Not available	15.12.2014
36.	EDMC Girls Primary school,Brahmpuri.	PS	Not available	16.12.2014
37.	Nigam Pratibha Vidyalaya (Boys),Mohanpuri.	PS	7030425701	16.12.2014
38.	EDMC Boys Primary school,Gamri.	PS	7030425307	16.12.2014
39.	EDMC Girls Primary school,Biharipur.	PS	7030427005	17.12.2014
40.	EDMC Nigam Pratibha Vidyalaya (Girls) ,Karawal nagar	PS	7030427106	17.12.2014
41.	EDMC Nigam Pratibha Vidyalaya (Girls) Kardampuri.	PS	7030425802	18.12.2014

Key observations during school visit:

1. Cook cum helpers' payment should be made through banking channels. Some suppliers have not adhered to the prescribed helper-enrolled children ratio. School principal and MDM in-charge are usually unaware of norms stipulated for cook cum helpers deployed in schools. This despite the fact that the Department had already circulated school wise norms and stipulations on helper-enrolled children ratio.
2. It was observed that majority of schools MDM Meal cards are prepared on basis of attendance in sampled districts.
3. In SMC training conducted in 2014-15 only general information was provided to the trainees. It did not reflect specific needs and concerns of mid day meal distribution and record maintained at school level. Department of education, SPD, SSA, BRC and CRC may include training module for mid day meal scheme. They could also be included in monitoring MDM at schools.
4. School level problems new changes in policy/circulars follow up need include training module such training need to provide once a year under. Schools with best performance should be rated at district and Zonal level.
5. Grievance redressal mechanisms and Toll Free numbers need be introduced in all implementing agencies. SMC members and parents need be made aware of such mechanism.
6. School MDM committees are not effective in addressing issues as less quantity of meal received in schools, or overcooked or undercooked meals. MDM suppliers do not address such grievances as sub-standard quality or quantity of meals. They are also not aware of MDM norms updated periodically by Department.
7. District /Zonal and school level monitoring mechanism needs to be strengthened. A follow up mechanism from school to district levels be introduced.
8. Schools MDM logo and weekly menu with cooked meal entitlement per child need be displayed at noticeable place in schools. EDMC schools and Kitchen not displayed MDM logo.
9. Weighing machines should be used in all schools.
10. Schools do not verify weight/quantity of meals received. This results in shortage, particularly in high enrollment schools. Not every child receives MDM

to which he/she is entitled. A case in point is girls' schools with high enrollment. Consequently, girls who happen to come without breakfast suffer. School Principal and MDM in-charge did not appear to take cognizance of such problems.

11. Rice based cooked meal was being mixed with dal, curhi, and rajma prior to distribution in sampled East Delhi Municipal Corporation and Directorate of Education schools. This inappropriate and unhygienic practice needs to be prohibited.

12. Separate guidelines need to be devised for Salaries of workers at centralized kitchens. Funds should be provided as per needs of respective kitchens.

13. Uniform cooked meal cards should be in place for all implementing agencies in Directorate of Education and Delhi Municipal Corporation (East, North and South).

14. Cooked meal stock register with MDM logo should be in placed in Directorate of Education, East Delhi Municipal Corporation, Delhi cantonment Board and aided schools.

15. Individual children health cards were not maintained in Directorate of Education and East Delhi Municipal Corporation schools.

16. Aided school children are not covered under School health check-up programme.

17. Awareness and objectives of MDM scheme, as also healthy food habits, should be enhanced among children program. This can be done through quiz, debates, assembly announcement etc.

18. In DOE, East Delhi Municipal Corporation and aided schools of East Delhi and North East Delhi districts the number of available toilet units was found inadequate in all high enrollment schools. Cleanliness and sanitation was found unhygienic, causing risk and discomfort. DOE has outsourced housekeeping work to an agency; they are paying meager remuneration to deployed sweepers.

