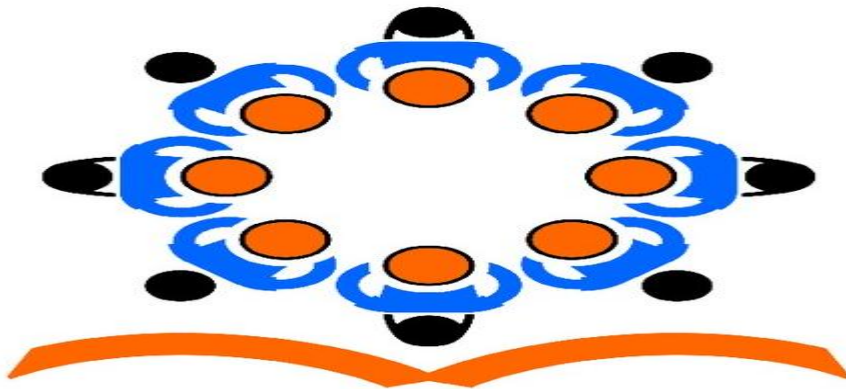


# 4<sup>th</sup> HALF YEARLY MONITORING REPORT OF MDM FOR THE CHANDIGARH (U.T.)

Period:

1<sup>st</sup> April 2012 to 31<sup>st</sup> October 2012



मध्याह्न भोजन योजना  
Mid Day Meal Scheme

## Districts Covered

1. Chandigarh

**Nodal Officer:**

Dr. Jatinder Grover

Department of Education,  
University School of Open Learning,  
Panjab University, Chandigarh.

**4<sup>th</sup> Half Yearly Monitoring Report of  
Panjab University on MDM for the U.T. CHANDIGARH  
(Period of 1<sup>st</sup> April, 2012 to 31<sup>st</sup> October 2012)**

**1. General Information**

Sl. No.	Information	Details
1.	Name of the Monitoring Institute	Panjab University, Chandigarh
2.	Period of the report	1 <sup>st</sup> April, 2012 to 31 <sup>st</sup> October 2012
3.	No. of Districts allotted	ONE U.T.
4.	Name of Districts Covered	One (Chandigarh)
5.	Month of visit to the Districts / Schools	01.08.2012 to 20.10. 2012
6.	Total number of Elementary schools (primary and upper primary to be counted separately) in the Districts Covered by MI (Information is to be given district wise i.e District 1, District 2, District 3 etc.)	Total Schools = 104 Schools with Primary & upper primary section =97  PS = 07
7.	Number of elementary schools monitored (primary and upper primary to be counted separately) Information is to be given for district wise i.e District 1, District 2, District 3 etc)	<b>Primary Section = 21</b>  <b>Upper Primary Section = 19</b>
8.	<b>Types of school visited</b>	
a)	Special training centers (Residential)	00
b)	Special training centers (Non Residential)	13
c)	Schools in Urban Areas	29
d)	School sanctioned with Civil Works	02
e)	School from NPEGEL Blocks	NIL
f)	Schools having CWSN	14
g)	School covered under CAL programme	05
h)	KGBVs	NIL
i)	Madrasahs	00
8.	Number of schools visited by Nodal Officer of the Monitoring Institute	18

9.	Whether the draft report has been shared with the SPO : YES / NO	YES
10.	After submission of the draft report to the SPO whether the MI has received any comments from the SPO: YES / NO	YES Annexure-II
11.	Before sending the reports to the GOI whether the MI has shared the report with SPO: YES / NO	YES

12. Details regarding discussion held with state officials: To be filled after presentation. Attached as Annexure-II

13. Selection Criteria for Schools: As per MHRD's needs categories are selected. Within categories schools were selected randomly.(as per TOR) ANNEXURE- I

14. **Items to be attached with the report:**

a) List of Schools with DISE code visited by MI. Attached

b) District Summary of the school reports. Attached

### **Coordinator/ Incharges and Field Investigators**

S.No	Coordinator/ Incharge		Field Investigator	Clusters Covered
1.	<b>Dr. Jatinder Grover</b> Nodal Officer, Chandigarh.	1	Ms. Savita	Clusters I-VII
2	<b>Dr. Kanwalpreet Kaur</b> (District Incharge for Monitoring of SSA& MDM )	2	Mr. Abishek	Clusters VIII-XIV
		3	Mr. Vineet	Clusters XV- XX

## Consolidated Report of Mid Day Meal for the CHANDIGARH (U.T.) for the period 1<sup>st</sup> April, 2012 to 31<sup>st</sup> October 2012

The monitoring institute has collected data from 40 schools. The sample of 40 schools includes primary section schools (20) and upper primary section schools (20) . The selection of schools to be included into the sample has been made with the help sought from Sarva Shikshana Abhiyan officials of the Chandigarh (UT).

<b>1.</b>	<b><u>Regularity in Supply of Hot Cooked Meal</u></b>	
	<b>Regularity in Serving MDM</b> i) Percentage of Schools serving hot cooked meal regularly.	Regularly served as reported by students, teachers and parents. The hot cooked meal is served by the four centralized kitchens run by four institutes and those provide cooked food to all the schools of Chandigarh on rotation basis of three days turn by turn.
	ii) If hot cooked meal is not served regularly, reasons thereof.	<b>NA</b>
	iii) Is there any prescribed norm for consideration for irregularity in serving MDM	<b>NA</b>
	iv) Quality and quantity of meal in the opinion of teachers, students or SMC members and any problems to children in serving MDM.	<b>Quality:</b> Good = 79% Satisfactory = 21%  <b>Quantity:</b> Sufficient 100%
*	<b><u>Regularity in Serving Meal</u></b> : All the 40 schools in the sample serve hot cooked meal daily. There has been no interruption stated by any student or teacher. The mid-day meal is served to all the students present on all working days. The hot cooked meal is served by the four centralized kitchens run by	

four institutes and they provide cooked food to all the schools of Chandigarh on rotation basis of three day turn by turn.

- Dr. Ambedkar Institute of Hotel Management, Sec-42, Chandigarh.
- Chandigarh Institute of Hotel Management, Sec-42, Chandigarh.
- Chandigarh Industrial & Tourism Development Corporation (CITCO), Sec-17, Chandigarh.
- Istri Shakti (A NGO) set-up base kitchen at GSSS, Sec-47, Chandigarh.



**STUDENTS HAVING MDM IN GMSSS- SECTOR-10 (CLASSROOM)**

**2. TRENDS:**

**Extent of variation:** (As per school records vis-à-vis actuals on the day of visit)

**Institutes visited: PS :22 UPS: 18, STC's= 4**

No.	Details	On the day of visit	% age of Enrolment	%age of the present
i.	Enrollment of students	18547	-----	-----
ii.	Number of children opted for MDM	17756	95.73%	-----
iii.	No. of children attending the school on the day of visit	15840	85.40%	-----
iv.	MDM taken from Centralised Kitchen as per MDM register	13173	74.18%	83.16%
v.	No. of children availing MDM as per school record	15005	80.90%	94.72%
vi.	No. of children actually availing MDM on the day of visit (head count)	14123	76.14%	89.16%
vii.	No. of children attending the school on the previous day of visit	15631	84.27%	-----
viii.	Number of children availed MDM on the previous day of visit	15087	81.34%	96.51%

\*

**Trends:** In total there are 110 Govt. institutes including 208 Special Training Centers and 5 Madarsaas that are served cooked food by the centralized kitchen system. In 2012-13 almost all the children enrolled are covered under midday meal scheme. But as per field based data, in Chandigarh, in the sampled schools, about 95.73% students were opted for MDM. As it is clear from the above table, about 4.5% students have not opted for MDM in schools in all. However, out of those who take MDM regularly the percentage of children availing MDM also revealed variation on day to day basis. It is noticed on the day of visit 76.14% students of the total present were having MDM actually who have not brought food from home. The previous day's record of MDM

	<p>utilization revealed 96% students have taken MDM. The major factor contributing to the difference in utilization of MDMS in day to day scenario by students is the menu, as students have stated that they like Karhi- Rice, Rajmah - rice.</p> <p>Moreover, in Chandigarh, in the schools of inner circuits of the city, about 20-25% students were bringing their food from home also, however they have opted for MDMS; in the outer circuits schools of the city, about 10-12% students were bringing food from home also. The students who were bringing food from home stated that they took food when it is of their liking, or sometimes they took Karhi / rajmah only. One major factor is there that students in the evening shift primary schools are served rice based menu for all the six days and chapattis are not served at all to them which leads to less liking and intake of food by students.</p> <p>Due to population variation on the basis of density and socio- economic – status in different sectors of the city, there is variation in the population of students who are having have MDM in actual. In the outer circuits of Chandigarh i.e. areas which are inhabited by poor population all the students have been opted for Mid-Day Meal and having MDM.</p> <p>But in the schools of inner sectors all the students are not having midday meal regularly however maximum of them have opted for Mid Day Meal. In all 10-12% students are not having mid- day meal regularly, 10-12% are having food when meal is of their liking in these schools. In all schools the food is sent from the kitchen for the <math>\frac{3}{4}</math> of the total enrolment as the quantity of food is enough for all. There was no evidence of surplus cooking or wastage of cooked food on the basis of daily estimation.</p>	
<b>3.</b>	<b>Social Equity</b>	
	<p><b>In the Classroom</b></p> <p>i) Seating arrangement for the children during serving of MDM</p>	<p>All students sit in groups in the classrooms and have MDM.</p>
	<p>ii) Did You observe any gender or caste or community discrimination in cooking or serving or seating arrangements?</p>	<p>No discrimination prevails on gender/ caste / community basis in cooking or serving or seating arrangements</p>

*	<p><b><u>Social Equity:</u></b> In all the 40 schools, there is no social discrimination in serving mid-day meal. Some of the possible factors of discrimination like caste, gender or community have not been influencing MDM at any stage in the process of its implementation. It has been observed that in all of the schools children are served mid-day meal in a systematic manner in the classrooms. In the schools of the outer circuits of the city, the strength of students is more, so students are taking meals in varandhas of the school. It is observed that students of NSS/ NCC belonging to higher primary classes helped in serving and distributing mid-day meal to primary class students.</p>	
4.	<p><b>VARIETY OF MENU:</b></p>	
	<p>Number of schools where menu is displayed on the wall and noticeable</p>	<p>Menu displayed in schools at the appropriate place Yes: 100% , Centralized kitchens adhere to the menu. Teachers and students aware about the menu in advance.</p>
	<p>Who decides the menu?</p>	<p>At central level with the consultation of Heads, Menu was decided.</p>
	<p>Does daily menu includes rice/wheat, pulses (dal) and vegetable?</p>	<p>In menu rice/ wheat and dal/ Green vegetables are included.</p>
	<p>Number of schools where variety of foods is served daily</p>	<p>For all six days different menu is there.</p>
	<p>Number of schools where same food is served daily</p>	<p>There are no schools where the same food is served daily. There is some variety maintained in every school. Some students in 4 Schools i.e. GHS Khudda Alisher , GHS Khudda Jassu, GPS- 12 and GHS- 22 C reported that Rice Based Menu is served 3-4 days a week, chapati based Menu should be increased, It is also noted by MI.</p>



**MENU DETAIL: WEEKLY MENU OF MDM :****I. Prantha based Menu**

- **Supplied by:** Dr. Ambedkar Institute of Hotel Management, Sec-42, Chandigarh.

Day	Menu	Per food cost
Monday	Prantha + Rajmah	<b>Rs. 8.94</b>
Tuesday	Prantha + Karhi Pakora	
Wednesday	Prantha + Dal Chana + Vegitable	
Thursday	Prantha + Rajma	
Friday	Prantha + Karhi Pakora	
Saturday	Prantha + Mix Dal	

**II. Rice based Menu**

- **Supplied by:** Industrial & Tourism Development Corporation (CITCO), Sec-17, Chandigarh (Hotel Shivalik view, Chandigarh Chandigarh)

Day	Menu	Per food cost
Monday	Rice + Dal Chana with Palak	<b>Rs. 4.50+ VAT</b>
Tuesday	Rice + Karhi with veg. pakoras	
Wednesday	Rice + Dal Chana with Palak	
Thursday	Rice + Rajma	
Friday	Rice + Karhi with veg. pakoras	
Saturday	Rice + Rajma	

**III. Rice based Menu + Biscuits Twice a week**

- **Supplied by:** Chandigarh Institute of Hotel Management, Sec-42, Chandigarh.

Day	Menu	Per food cost
Monday	Veg. Pulao + Dal Chana	<b>(Primary)</b> Rs. 7.20+
Tuesday	Veg. Pulao + Karhi pakora	
Wednesday	Veg. Pulao + Rajma + Glucose Biscuits	VAT(without biscuit) Rs. 8.20+ VAT(with biscuit)
Thursday	Veg. Pulao + Kala Chana	<b>(Upper Primary)</b> Rs. 9.17+
Friday	Veg. Pulao + Karhi pakora	
Saturday	Veg. Pulao + Rajma + Glucose Biscuits	VAT(without biscuit) Rs. 10.17+ VAT(with biscuit)

**IV. Rice based Menu**

- **Supplied by:** Istri Shakti , (A NGO) set-up base kitchen at GSSS, Sec-47 Chandigarh.

Day	Menu	Per food cost
Monday	Rice and Dal Channa with Palak	<b>Rs. 4.50 per meal for Primary and Upper primary children</b>
Tuesday	Rice and Karhi with Veg. Pakora	
Wednesday	Rice and Dal Channa with Palak	
Thursday	Rice and Rajmah	
Friday	Rice and Karhi with Veg. Pakora	
Saturday	Rice and Rajmah	

\*

**Menu:** According to the data collected, in 100% of the schools menu was displayed at the appropriate place.

**Variety of Menu:** The data confirmed that all the schools have some kind of variety in mid-day meals. But in 4 schools primary and upper primary section school students (GHS Khudda Alisher , GHS Khudda Jassu, GPS- 12 and GHS- 22 C) have indicated absence of variety. This kind of response of students is due to the rice based menu provided by the centralized kitchens to these schools on 3-4 days per week.

**Transportation of food:** The cooked meals are transported from the centralized kitchen to schools by trucks. The route is changed daily so that one particular school is not the privileged first school to get the food early.



**TRANSPORTATION OF FOOD IN SMALL TRUCKS TO SCHOOLS (GPS-SECTOR-12) FROM CENTRALISED KITCHENS**

**5. QUALITY & QUANTITY OF MEAL:**

**Feedback from children on Quality of meal:**

Quality of meal is quite Good (as reported by the students and checked by MI team)

**Quantity of meal:**

Quantity per student is more than the requirement by the students. Children and parents are happy.

**Quality and Quantity of Meal:** The responses from the students, head teachers and the SMC members have indicated details relating to the quality and quantity of food. All the students availing MDM have confirmed that they are getting sufficient quantity of mid-day meal in all the schools. However, the responses differ slightly with regard to the quality of the meal. It has been stated by most of the students (86%) that the quality of the meal is good. There

	are a few students (14%) indicating that the quality of the mid-day meal served to them is satisfactory. In overall scenario, quality is good and quantity is enough; students, teachers and parents are satisfied with that.	
<b>6.</b>	<b>SUPPLEMENTARY:</b>	
	<b>Whether children are given micronutrients (Iron, folic acid, vitamin – A dosage) and de worming medicine periodically?</b>	In 40 schools (100%) children were given micronutrients (Iron, folic acid, vitamin – A dosage) and de-worming medicine in the school by Health Department.
	<b>Who administers these medicines and at what frequency?</b>	These medicines were administered by health department. The frequency of these medicines was yearly in all the schools.
	<b>Is there school Health Card maintained for each child?</b>	School Health Card for Child was maintained in all the sampled 40 schools
	<b>What is the frequency of health check-up?</b>	In all the 40 schools (100%) where School Health Card for child was maintained the frequency of health check-up was yearly.
*	<b>Supplementary:</b> The data collected from schools has indicated that health check-up to children is conducted in all 40 schools. It has also been found that most of the schools have conducted health check-up camps once in an academic year. However, the supply of vitamin tablets, de-worming medicine and iron folic acid tablets has been confirmed in all the schools. The task of providing all this is handled by teachers, specially the class teachers. The vitamin tablets are supplied on a monthly basis, whereas the de-worming medicine is given to children once in six months.	

7.	<b>STATUS OF COOKS:</b>	
	<b>Who cooks and serves the meal? (Cook/helper appointed by the Department or Self Help Group, or NGO or Contractor)</b>	<ul style="list-style-type: none"> <li>• Four centralized kitchens have been engaged to cook the food on contract basis. The four institutes cook the food and provide it at the school. The cooked meals are transported from the centralized kitchen to schools by trucks.</li> <li>• Schools are engaged only in distribution of food among the students.</li> <li>• Cook cum helpers (Ayas) has been engaged in schools for serving the meals and washing the utensils, in the ratio of one Aya for every 100 students.</li> </ul>
	<b>Is the number of cooks and helpers adequate to meet the requirement of the school?</b>	No. of AYAS is sufficient i.e. one Aya for every 100 students.
	<b>What is remuneration paid to cooks/helpers?</b>	Rs. 2622/- pm
	<b>Are the remuneration paid to cooks/helpers regularly?</b>	Regularly paid.
	<b>Social Composition of cooks /helpers? (SC/ST/OBC/Minority)</b>	All the AYAS are females belonging to SC/ST/OBC/ Minority communities.
	<b><u>Status of Cooks:</u></b> As schools are engaged only in distribution of food among the students. Cook cum helpers (Ayas) has been engaged in schools for serving the meals and washing the utensils, in the ratio of one Aya for every 100 students. The salary of aayas paid by all the schools is Rs.2622/-. All the AYAS are females majority of them belonging to SC/ST/OBC/ Minority communities.	



**AN AAYA SERVING MDM IN GHS SECTOR-12**

**8. INFRASTRUCTURE:**

**Infrastructure:**

Is a pucca kitchen shed-cum-store:

- (a) Constructed and in use
- (b) Constructed but not in use under
- (c) Under construction
- (d) Sanctioned, but constructed not started
- (e) Not sanctioned

Any other (specify)

All the four Centralized Kitchens have proper infrastructure for storing and cooking.

Four Centralised Kitchens are

- Dr. Ambedkar Institute of Hotel Management, Chandigarh.
- Chandigarh Institute of Hotel Management, Chandigarh.
- Chandigarh Industrial & Tourism Development Corporation, Chandigarh (CITCO).
- Istri Shakti (An NGO) set-up base kitchen at GSSS-47, Chandigarh.
- In GSSS, Sector-10, a kitchen shed cum store has been constructed and the MDM is prepared there to serve the students in the lunch hour. The kitchen of the school is well equipped, clean and properly maintained. Water arrangement and storage

		<p>arrangement is good in the kitchen. Proper care has been taken of safety measurers. Students of sector 10 school were happy as they are getting varietal food there.</p>
--	--	---

**Infrastructure:** The four supplying institutes have their own kitchen cum storage areas. Kitchen sheds have been constructed in 7 different Government schools i.e. GMSSS-10, GSSS-15, GMHS-38-D, GMHS-42, GMSSS-44, GMSSS-47, GMSSS-26 with facilities of storage for dry and wet ration etc. and the other three kitchen shed work i.e. GMSSS-23, GMHS-29, GMSSS-40 has been stopped by the administration as to start the seven constructed one and to check the response from these. The one kitchen shed located in GMSSS-10, on trial basis has been started and its running very well.



**KITCHEN SHED (INSIDE VIEW) OF GMSSS, SECTOR-10**



**STORAGE ROOM OF KITCHEN SHED OF GMSSS, SECTOR-10**

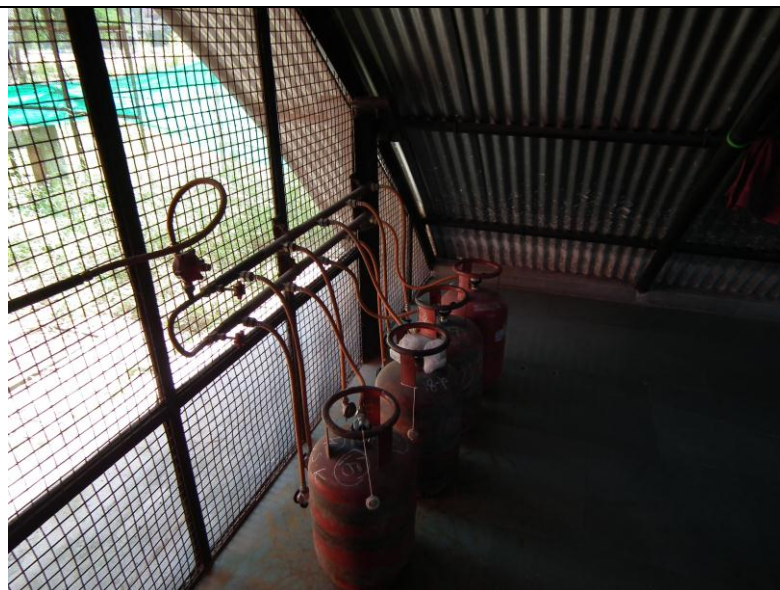
9.	<b>AVAILABILITY OF WATER:</b>	
	Whether potable water is available for cooking and drinking purpose?	<ul style="list-style-type: none"> <li>• Potable water available in almost all schools for drinking purpose.</li> <li>• Water coolers with water filters are installed in all the schools.</li> <li>• More water tanks required in the schools of the outer circuits of the city</li> <li>• In all the four centralized kitchens, and kitchen of GSSS- Sector-10, water for cooking is sufficiently available.</li> </ul>
*	<p><b><u>Drinking water:</u></b> The availability of water has been confirmed in all the 40 schools. The quality and quantity of water has been found to be good for purpose of drinking in all schools; water coolers with water filters installed in all schools. In schools of outer circuits, more water tanks need to be installed and more cleaning of the already installed tanks is needed. In GPS-Sector-12, the drinking water area is not clean at all.</p>	





**DRINKING WATER FACILITY IN GSSS KHUDDA LAHORA & GHS SEC-12.**

<b>10.</b>	<b>UTENSILS (COOKING/ SERVING)</b>	
	Whether utensils used for cooking food are adequate?	Adequate for cooking in all the four centralized kitchens and kitchen of GSSS Sector-10.
	Whether utensils used for serving food are adequate?	For serving utensils are available. But for having food students bring their own tiffin in all schools.
*	<b>Utensils:</b> The responses from the schools indicate that in all the schools students bring their own tiffin to have MDM.	
<b>11.</b>	<b>TYPE OF FUEL USED</b>	
	What is the kind of fuel used? (Gas based/firewood etc.)	LPG
*	<b>Fuel used:</b> It has been found that all the centralized kitchens and kitchen of GSSS Sector-10 Liquid Petroleum Gas (LPG) is used as fuel for cooking.	



**LPG USED AT GMSSS, SECTOR-10 (SCHOOL KITCHEN)**

<b>12.</b>	<b>SAFETY &amp; HYGIENE:</b>	
	General Impression of the environment, Safety and hygiene:	<p><b>Obs:</b></p> <ul style="list-style-type: none"> <li>• Clean and safe environment of cooking in all the four centralised kitchens.</li> <li>• In schools, serving areas are the classrooms and no common shed is there. Classrooms are clean in 75% (30) schools but cleaning of floors of classrooms is required after the serving of the food in 25% (10) schools.</li> </ul>
	Are children encouraged to wash hands before and after eating?	<b>Obs:</b> Yes, Students encouraged to wash hands before and after eating in 92.5% (37) schools.
	Do the children par take meals in an orderly manner?	<b>Obs:</b> Students take meal in orderly manner in their classrooms in all schools.
	Conservation of water?	<b>Obs:</b> Students encouraged to conserve water and in 65% (26) schools instructions are written at the appropriate places in this regard.
	Is the cooking process and storage of fuel safe, not posing	<b>Obs:</b> Cooking process and storage of fuel is totally safe in all the four centralized kitchens

	any fire hazard?	and kitchen of GSSS Sector-10.
	<p><b><u>Safety and Hygiene:</u></b> All the centralised kitchens and kitchen of GSSS Sector-10 have been making the best possible effort to ensure hygiene in the place where mid-day meal is prepared. In schools of Khuda Ali sher, Sector- 12 (primary and high school), Makhan Majra and Daddu Majra more cleaning is required in the classrooms after the meals. In 37 of the visited schools, the teachers have been found to be reminding and prompting students to wash their hands before taking food. All the schools have been making deliberate efforts to serve food in an organised way. This has been done to ensure proper serving of food to all, to monitor the use of water and to ensure cleanliness and hygiene. The students are served food on their seat.</p>	
<b>13.</b>	<b>COMMUNITY PARTICIPATION:</b>	
	<p><b>Extent of participation by: Parents/SDMCs/Panchayats/ Urban bodies in daily supervision, monitoring, participation</b></p>	<p>The extent of participation by Parents/SMCs/ Panchayats/ in daily supervision, monitoring, was not satisfactory.</p> <ul style="list-style-type: none"> <li>• In 09 (22.5 %) schools parents/ MTA members participated in supervision and monitoring of MDM once a week.</li> <li>• In 31 (77.5%) schools SMCs/ parents monitor and supervise MDM fortnightly.</li> <li>• But no record is maintained by any of the school regarding supervision by parents/SMC.</li> </ul>
	<p><b>Is any roaster being maintained of the community members for supervision of the MDM?</b></p>	<p>No such formal roaster is being maintained for SMC/ MTA/ Parents for daily monitoring of MDMS.</p>
	<p><b>Community members/ parents awareness about quantity of</b></p>	<p>In 28(70%) schools community members/parents were aware about menu</p>

	<p><b>MDM per child</b></p> <p><b>a. At Primary level</b></p> <p><b>b. At Upper primary level</b></p>	<p>of the week of MDM and they were aware that their children will get sufficient food.</p> <p><b>a.</b> About quantity of food only in 03 (7.5%) primary section schools parents are aware about the quantity of MDM prescribed per child being given at primary level.</p> <p><b>b.</b> In 04 (10%) upper primary schools community members/parents were aware about quantity of MDM per child being given at upper primary level.</p>
	<p><b>Number of members received training regarding MDMS and its monitoring</b></p>	<p>About 77% members of the SMC have got the training (in three days training of SSA &amp; MDM) with regard to various aspects of MDM schemes.</p>
	<p><b>General satisfaction of community members/ parents about the overall implementation of MDM programme :</b></p>	<ul style="list-style-type: none"> <li>• In 08 (20%) schools community members/parents rated the overall implementation of the MDM programme as good.</li> <li>• In 32 (80%) schools community members/parents rated the overall implementation of the MDM programme as satisfactory.</li> </ul>
	<p><b>Frequency of monitoring and cooking and serving MDMS by SMC members</b></p>	<p>There is no specific schedule, but it is being done occasionally by the some of the active members of SMC. In 14 schools, heads reported that they invite the parents occasionally to check the food.</p>

	<b>Contribution made by the community for MDMS</b>	No Major contribution reported in any school.																		
	<b>Source of awareness about MDM scheme</b>	<p>In 36 (90%) schools source of awareness amongst parents/ community about MDM scheme was newspaper/ Radio/ SMC members /and school authorities.</p> <p>In 04 (10%) schools source of awareness amongst parents/ community about MDM scheme was students and school authorities.</p>																		
<p><b><u>Community Participation:</u></b> The participation by parents, SMC members and the community has not been quantified. However, their participation has been assessed through discussion, observation at the time of field visits and interviews. The participation level of SMC members and parents to supervise mid-day meal varies from school to school. The data collected from sample schools indicates that there is no roaster of parents formally prepared for supervision.</p> <p><b>a) Parents:</b> The data collected from 141 parents (3-4 parents in each school interviewed by the MI team members) has confirmed that 77% of the parents have a good understanding of the MDM programme and are aware about the menu. About 80% parents are satisfied with the quality of food</p> <p style="text-align: center;"><b>Table-1 : Participation of Parents in MDM (Responses)</b></p> <table border="1"> <thead> <tr> <th>S.No</th> <th>Particulars</th> <th>Poor</th> <th>Satisfactory</th> <th>Good</th> <th>Excellent</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Awareness of MDMS</td> <td>21</td> <td>68</td> <td>47</td> <td>5</td> <td>141</td> </tr> </tbody> </table>							S.No	Particulars	Poor	Satisfactory	Good	Excellent	Total	1	Awareness of MDMS	21	68	47	5	141
S.No	Particulars	Poor	Satisfactory	Good	Excellent	Total														
1	Awareness of MDMS	21	68	47	5	141														

2	Mid-day meal arrangements	18	50	71	12	141
3	Participation in Supervision	49	58	22	12	141
4	Quantity of MDM	00	32	72	37	141
5	Quality of MDM	30	86	19	06	141

**b) SMC Members:** The data collected from 67 SMC members (1-2 members in each school interviewed by the MI team members) has confirmed that 93% of the SMC Members have a good understanding of the MDM programme and are aware about the menu and other provisions of MDMS. About 82% SMC members are satisfied with the quality of food . The overall level of awareness among SMC members has been good regarding MDMS.

**Table-2 : Participation of SMC Members in MDM (Response)**

S.N	Particulars	Poor	Satisfactory	Good	Excellent	Total
1	Awareness of MDMS	06	21	35	05	67
2	Mid-day meal arrangements	05	27	28	07	67
3	Participation in Supervision	08	36	14	09	67
4	Quantity of MDM	00	10	41	16	67
5	Quality of MDM	12	35	14	06	67

**c) Source of Awareness about the MDM Scheme among parents:** The major source has been the teachers / school authorities/ SMC members for the MDMS awareness among the parents. News papers/ radio/ TV also being the other important sources. There are others like inhabitants of the locality, friends and relatives contributing towards awareness about mid-day meal scheme.

<b>14.</b>	<b>INSPECTION &amp; SUPERVISION:</b>	
	Has the mid day meal programme been inspected by any state/district/block level officers/officials?	<ul style="list-style-type: none"> <li>• Inspected regularly.</li> <li>• Cooking at the above said four institutes is supervised by the Principals/Heads of the schools from 5:00 to 8:00 a.m.(vice principals) &amp; 8: 00 a.m. to 10.00 a.m. (Principals) in rotation. Further retired personnel have been engaged as Inspectors/Supervisors to monitor the cooking and distribution of cooked meal in the schools from the centralized kitchens. .</li> <li>• At the School level, only school head and MDMS incharge take care of the supervision, no such record of supervision by the any state/district/block level officers/officials was maintained.</li> <li>• As per the information received from the teachers of the sample schools 52.5% (21) of the sample schools were never monitored by State Level Officers. At the same time 47.5%(19) reported that they were rarely inspected by the State Level Officers.</li> </ul>
	<p><b><u>Inspection and Supervision</u></b> : The MDM scheme has been supervised at the Central and School level. There are many high officials involved and assigned with this responsibility which is taken care occasionally, only DEO/ Deputy DEO take care of the MDM. On a daily basis, it is the head and MDMS incharge who supervise and inspect at the school level. Participation of the SMC and parents in the MDMS inspection and supervision is not very significant.</p>	
<b>15.</b>	<b>IMPACT OF MDMS:</b>	
	<b>Impact:</b> Has the mid day meal improved the enrollment, attendance of children in school, general well being (nutritional	<b>Attendance:</b> <ul style="list-style-type: none"> <li>• In 05 (12.5%) schools, teachers / headmasters reported MDM improved overall attendance to some extent of</li> </ul>

	<p>status) of children? Is there any other incidental benefit due to serving cooked meal in schools?</p>	<p>children in schools.</p> <ul style="list-style-type: none"> <li>• In 8 (20%) schools , teachers/heads reported that MDMS has improved attendance after recess as to the previous trends as students not go to home in recess and they remain whole day in the school and</li> <li>• In 27 (67.5%) schools , MDMS has no effect on attendance.</li> </ul> <p><b>Nutritional Status:</b></p> <ul style="list-style-type: none"> <li>• In 10 (25%) schools , teachers reported that MDM improved, general well being (nutritional status) of the children as poor students are getting proper food and medicines.</li> </ul>
	<p><b><u>Impact:</u></b> The mid-day meal scheme has been found to have made impact improving the overall attendance of children to schools and also after recess MDMS has improved attendance after recess as to the previous trends as students not go to home in recess and they remain whole day in the school. The most prominent outcome indicated is that it has been able to eliminate hunger of the children coming from poor households and enable them to participate actively in classroom learning activity in some schools which are located in poor colonies of Chandigarh.</p>	



## EXECUTIVE SUMMARY OF DISTRICTS

### (MID DAY MEAL)

#### **DISTRICT : CHANDIGARH**

1. As per information given by teachers and students, and verification of records relating to MDM, all of the sample schools from the district (UT) served hot cooked meal on daily basis.
2. The MI team visited the school during mid July-October and all of the schools were providing hot cooked food from the four centralized kitchens.
3. Roster for parents and community members for day-to-day supervision of the MDM was not prepared by any of the school visited by the MI.
4. No discrimination was observed by the MI, nor was it reported by the teachers and students, on the basis of gender or caste in cooking and serving of MDM.
5. The daily menu in majority of the sample schools was mainly varietal. Parathas, Rice, Rice Pulao and Dal/ Black channa and Rajmah were served.
6. Weekly menu for MDM was displayed in the entire sample schools visited.
7. Responses of the teachers and students revealed that in all the sample schools variety of foods as far as possible were served.
8. An interaction with the children on the day of visit revealed that in all schools. Students are satisfied with quantity of MDM and in 82.5% of the schools, children were happy and satisfied with the quality of MDM served to them in schools.
9. In primary and upper primary sections of GHS Khudda Alisher , GHS Khudda Jassu, GPS- 12 and GSSS- 22 C, it is reported by some students that they are getting Rice Based Menu in MDM 3-4 times a week; students demanded that chapatti or paratha based menu should be given more times a week. But in primary schools of evening shift, only rice based menu is provided to the students in MDM.
10. All the sample schools have aayas specifically appointed for MDM scheme as per the norms.
11. In every sample schools aayas are paid remuneration of Rs.2622/- per month which was quite regular.

12. In terms of gender composition, all of the aayas in the sample schools were female. In terms of social composition, all the aayas in the sample schools belong to SC/ BC category.

13. All the schools had potable water for drinking purpose.

14. All the centralized kitchens and kitchen of GSSS Sector-10 were using LPG for cooking of the MDM.

15. The process of cooking and storage of fuel is safe in all of the centralized kitchens and kitchen of GSSS Sector-10.

16. Discipline and order is maintained by 100% of the sample schools with children while taking MDM.

17. As reported by heads and teachers, in 09 (22.5 %) schools parents/ MTA/ SMC members participated in supervision and monitoring of MDM once a week. In 31 (77.5%) schools MTA/SMC members/ parents monitor and supervise MDM fortnightly. But no record is maintained by any of the school regarding supervision by parents/SMC.

18. All of the sample schools maintained health cards/registers for their students. Health Check – up for students was done in all of the schools.

19. Micronutrients such as Iron and folic acid were given to children by all of the sample schools.

21. As per the information received from the teachers of the sample schools 52.5% (21) of the sample schools were never monitored by State Level Officers. At the same time 47.5%(19) reported that they were rarely inspected by the State Level Officers.

22. As per the inputs received from 12.5% (5) of the headmasters and teachers of the sample schools, the introduction of MDM has improved somewhat the attendance of students in the school; in 20% (8) of the schools, headmasters and teachers of the sample schools, the introduction of MDM has improved largely the attendance of students after recess; while as many as in 25% (10) schools, teachers and heads reported an improvement in the nutritional status of the children due to timely intake of food and medicines to the poor students.

## ANNEXURE -II

### MAJOR OBSERVATIONS OF MONITORING INSTITUTION ON THEIR FIELD VISIT TO CHANDIGARH

- Obs. 1.** Overall 10-15% students were bringing their own Tiffin and about 4.5% students have not opted for MDM.
- Obs. 2.** Students of 17.5% schools reported that they were provided Rice based Menu 3-4 times a week. MDM is supplied to all the institutes by 4 centralised kitchens in rotation. Wheat based menu is prepared only by one kitchen. Moreover, as the first food of residents of Chandigarh is wheat, so on more days Chapatis/ parathas should be provided in each school. So, provisions have to be made by the administration that 50% centralized kitchens have to provide wheat based menu.
- Obs. 3.** In the evening shift schools i.e. primary section students are served the rice based menu all the days and not on a single day wheat based menu is served to the evening shift school students. Some provisions should be made to provide wheat based menu in the evening shift.
- Obs.4.** In menu, however variety is there, but green and seasonal vegetables are only on one day a week. These to be included in the menu more than one time like cucurbits, carrots, peas etc. to make the diet more nutritious.
- Obs. 5.** Roster for parents and community members for day-to-day supervision of the MDM was not prepared by any of the school visited by the MI.
- Obs. 6.** An interaction with the children on the day of visit revealed that in all schools, students are satisfied with quantity of MDM and in 82.5% of the schools, children were happy and satisfied with the quality of MDM served to them in schools. In primary and upper primary sections of GHS Khudda Alisher , GHS Khudda Jassu, GPS- 12 and GSSS- 22 C, it is reported by some students that they are getting Rice Based Menu in MDM 3-4 times a week; students demanded that chapatti or paratha based menu should be given more times a week.
- Obs. 7.** Kitchen sheds have been constructed in 7 schools, one kitchen of GMSSS- 10 has been made functional w.e.f. 3.4.2012 on trial basis to serve MDM to

the students. Students of GMSSS-10 are happy with the MDM arrangements. So, all Kitchen sheds to be completed very soon and be operationalised for food cooking and serving, so that more nutritious and varietal food can be provided to the students as students are getting in GSSS, Sector-10.

- Obs.8.** Discipline and order is maintained by 100% of the sample schools with children while taking MDM. But cleanliness of classrooms required after the meals in the schools especially in the schools of outer circuits and villages. In schools of Khuda Ali sher, Sector- 12 (primary and high school), Makhan Majra and Daddu Majra more cleaning is required in the classrooms after the meals.
- Obs. 9.** As reported by heads and teachers, in 09 (22.5 %) schools parents/ MTA/ SMC members participated in supervision and monitoring of MDM once a week. In 31 (77.5%) schools MTA/SMC members/ parents monitor and supervise MDM fortnightly. But no record is maintained by any of the school regarding supervision by parents/SMC.
- Obs.10.** As per the information received from the teachers of the sample schools in Chandigarh, 52.5%(21) of the sample schools were never monitored by State Level Officers. At the same time 47.5% (19) reported that they were rarely inspected by the State Level Officers.
- Obs. 11.** As per the inputs received from 12.5% (5) of the headmasters and teachers of the sample schools, the introduction of MDM has improved somewhat the attendance of students in the school; in 20% (8) of the schools, headmasters and teachers of the sample schools, the introduction of MDM has improved largely the attendance of students after recess; while as many as in 25% (10) schools, teachers and heads reported an improvement in the nutritional status of the children due to timely intake of food and medicines to the poor students.

**ANNEXURE- I**  
**LIST OF CHANDIGARH U.T. SAMPLED SCHOOLS**  
**April, 2012 - October, 2012**

<b>Sr. No.</b>	<b>NAME OF THE SCHOOL</b>	<b>Address of the School</b>	<b>DISE NO</b>
1.	Govt. Primary School-12	WARD-02	0200302
2.	Govt. Primary School –Makhan Majra	WARD-18	0800601
3.	Govt. Model High School -29A (Primary section)	WARD-15	1500301
4.	Govt. Model School -46 (Primary section)	WARD-16	0600303
5.	Govt. Model Sen. Sec. School -47 (Primary section)	WARD-17	0700201
6.	Govt. Model Sen. Sec. School -33 (Primary section)	WARD-11	0100201
7.	Govt. Model Sen. Sec. School -37B (Primary section)	WARD-06	0600201
8.	Govt. Model School- 52 (Primary section)	SECTOR-52	0801001
9.	Govt. Model High School -36D (Primary section)	WARD-11	0600101
10.	Govt. High School -38B (Primary section)	WARD-06	0600302
11.	Govt. Model High School -43 (Primary section)	WARD-08	0800301
12.	Govt. Model Sen. Sec. School -35D (Primary section)	WARD-09	0900201
13.	Govt. Model Sen. Sec. School - 56 (Primary section)	SECTOR-56	0700701
14.	Govt. High School -Khudda Alisher (Primary section)	WARD-14	0100101
15.	Govt. High School -Karsan (Primary section)	WARD-18	0800201
16.	Govt. Middle Model School- Khudda Jassu (Primary section)	WARD-01	0200101
17.	Govt. Sen. Sec. School, Khudda Lahora (Primary section)	WARD-01	0200202
18.	Govt. Model Sen. Sec. School, Sector-10 (Primary section)	WARD-01	0101201
19.	Govt. High School, Sector-22 C (Primary section)	WARD-04	0300202
20.	Govt. Model High School, Sector-12 (Primary section)	WARD-02	0200301
21.	Govt. High School, Dadu Majra (Primary section)	WARD-05	0500301
22.	Govt. Model High School -29A (Upper Primary section)	WARD-15	1500301
23.	Govt. Model School -46 (Upper Primary section)	WARD-16	0600303
24.	Govt. Model Sen. Sec. School -47 (Upper Primary section)	WARD-17	0700201
25.	Govt. Model Sen. Sec. School -33 (Upper Primary section)	WARD-11	0100201
26.	Govt. Model Sen. Sec. School -37B (Upper Primary section)	WARD-06	0600201
27.	Govt. Model School -52 (Upper Primary section)	SECTOR-52	0801001
28.	Govt. Model High School -36D (Upper Primary section)	WARD-11	0600101
29.	Govt. High School GHS-38B (Upper Primary section)	WARD-06	0600302
30.	Govt. Model High School -43 (Upper Primary section)	WARD-08	0800301

31	Govt. Model Sen. Sec. School -35D (Upper Primary section)	WARD-09	0900201
32	Govt. Model Sen. Sec.School -56 (Upper Primary section)	SECTOR-56	0700701
33	Govt. High School GHS-Khudda Alisher (Upper Primary section)	WARD-14	0100101
34	Govt. High School GHS-Karsan (Upper Primary section)	WARD-18	0800201
35	GMMS-Khudda Jassu (Upper Primary section)	WARD-01	0200101
36	Govt. Model Sen. Sec. School, Khudda Lahora (Upper Primary section)	WARD-01	0200202
37	Govt. Model Sen. Sec. School, Sector-10 (Upper Primary section)	WARD-02	0101201
38	Govt. High School, Sector-22 C (Upper Primary section)	WARD-04	0300202
39	Govt. High School, Sector-12 (Upper Primary section)	WARD-01	0200301
40	Govt. High School, Dadu Majra (Upper Primary section)	WARD-05	0500301