

Second Half Yearly Monitoring Report of Sardar Patel Institute of Economic & Social Research on Mid Day Meal (MDM) for the State of Gujarat (1ST April, 2011 to 30th September, 2011)

DISTRICTS COVERED



1. BHAVNAGAR
2. AHMDABAD
3. PATAN



By

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Dated: 16th January, 2012

To,

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Sub: Submission of 2nd Half Yearly Monitoring Report (Draft Report) of MDM (1st April 2011 to 30th September, 2011)

Dear Sir,

Kindly find enclosed copy of the 2nd Half Yearly Monitoring Report (Draft Report)of Sardar Patel Institute of Economic and Social Research (SPIESR), Ahmedabad on MDM for the period 1st April 2011 to 30th September, 2011.

This report is based on the information collected from 3 districts of Gujarat i.e. Patan, Bhavnagar and Ahmedabad. The Monitoring Institute has followed the prescribed format and ToR issued by Ministry of Human Resource Development (MHRD) for the said period.

The receipt of the report may kindly be acknowledged.

With regards,

(Dr. Tattwamasi Paltasingh)
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Preface and Acknowledgement

To provide additional nutrition component to the school children, every child is provided Mid Day Meal in the school. Provision of MDM also helps in better enrolment & retention. The key components of the programme include: protecting children from classroom hunger, increasing school enrolment and attendance, improved socialisation & interaction among children irrespective of their caste, class religion & gender background. This monitoring report of Mid Day Meal (MDM) is based on the information collected from three districts of Gujarat – Patan, Bhavnagar and Ahmedabad. This is the 2nd half yearly monitoring report for the period April 2011 to September, 2011. I am thankful to a number of people who have contributed in successful completion of the Report. The Block Resource Center Coordinators (BRCCs), Cluster Resource Center Coordinators (CRCCs), School Teachers and Principals, all the staff of MDM at different schools visited by the Monitoring Institute have contributed in obtaining the relevant information. Each of them has spent adequate time to provide relevant information to the monitoring team.

First of all I am thankful to Shri Gaya Prasad, Director (MDM), Ministry of Human Resource Development, Department of School Education & Literacy; to give us this opportunity to carry out the monitoring work in different districts of Gujarat. I am also thankful to Shri R.K. Mishra, Chief consultant, MDM for his support throughout. At state level I am thankful to Mr. Manoj Aggarwal, the Commissioner of MDM for extending his kind support.

At our Institute I am thankful to the Chairman Prof. Y.K Alagh for his encouragement. Director & other staff members have extended their support. I express my sincere thanks to Ms. Renu Tyagi for overall assistance, Ms. Ila Shah, Mr. Ashwin Rawal and Mr. Vijay for carrying out the tiring field work along with the other field investigators and Mr. K.P Satheesan for patiently formatting the report. Other staff members at our Institute in the relevant departments have extended their timely help and support.

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Nodal Officer for Monitoring SSA & MDM; Gujarat

General/ First Page Information

2ND HALF YEARLY MONITORING REPORT OF SARDAR PATEL INSTITUTE OF ECONOMIC & SOCIAL RESEARCH ON MDM FOR THE STATE/UT OF GUJARAT FOR THE PERIOD OF 1ST APRIL, 2011 TO 30TH SEPTEMBER, 2011

General Information

Sl. No.	Subject	Details
1.	Name of the Monitoring Institution	Sardar Patel Institute of Economic and Social Research, Ahmedabad
2.	Period of the Report	1 st April 2011 to 30th September, 2011
3.	Fund Released for the period	Yes, (For April 2011 to September, 2011)
4.	No. of Districts allocated	03 Districts
5.	District names	Bhavnagar, Ahmedabad & Patan
6.	Date of visit to the Districts / Schools (Information is to be given district wise i.e. District 1, District 2, District 3 etc)	District 1 Bhavnagar–20/09/11-23/09/11 District II Ahmedabad -27/09/11-30/09/11 District: III Patan 10/10/11-13/10/11
7.	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.)	District 1 Bhavnagar – 40 (03PS+37UPS) District II Ahmedabad -40 (03PS+37UPS). District III Patan–40 (06PS+34UPS) Total : 120
8.	What percentage of schools covered in all the Districts allotted:	40 schools from each district were covered
9.	Type of schools visited	Prescribed categories as mentioned in ToR
10.	Number of schools visited by Nodal Officer of the Monitoring Institute	45 (15 schools in each district)
11.	Whether the draft report has been shared with the Director of the nodal department implementing MDMS : YES / NO	District 1 Bhavnagar – Yes District II Ahmedabad -Yes District III Patan – Yes
12.	After submission of the draft report to the Director of the nodal department implementing MDMS whether the MI has received any Observations from the Directorate : YES / NO	District 1 Bhavnagar – Awaited District II Ahmedabad – Awaited District III Patan – Awaited

Introduction & Background Information

The Mid-day Meal Scheme is otherwise known as school meal programme in India. The scheme initially started in the 1960s. There is provision of free lunch to school-children on all working days. The key objectives of the programme include: protecting children from classroom hunger, increasing school enrolment and attendance, improved socialisation & interaction among children irrespective of their caste, class, religion & gender background. The added advantage of the scheme is that it can address malnutrition, and social empowerment through provision of employment primarily to women from under privileged background. The children are encouraged to attend school more regularly and that can further help them concentrate on classroom activities. The coverage of mid-day meal programmes has been consistently expanding across different states.

MDM in Gujarat

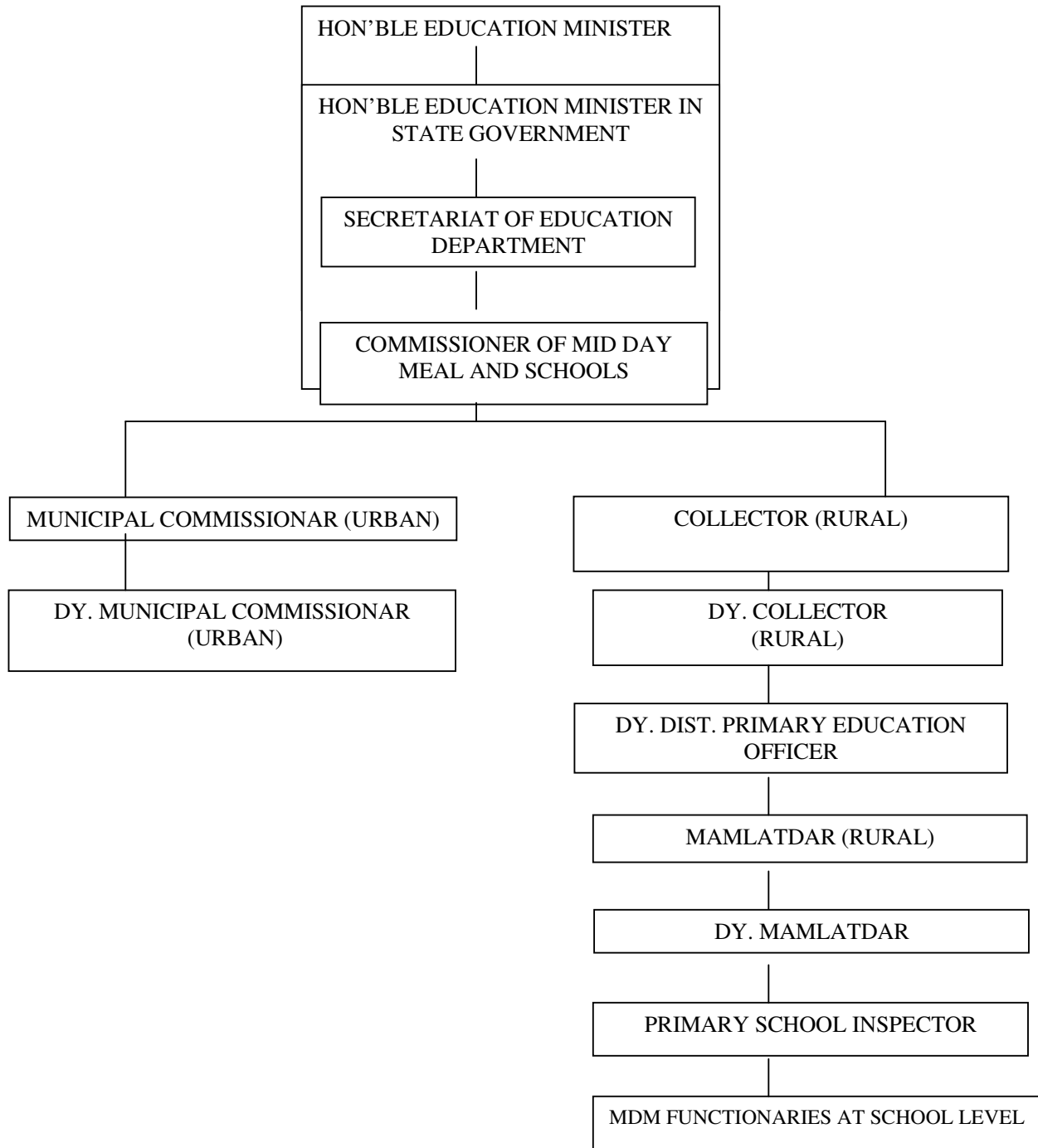
Gujarat is one of the states that had initiated the Mid Day Meal Scheme in 1984. Prior to that only Tamil Nadu had taken this step. To provide nutrition support to the children at primary level, government of Gujarat has introduced mid day meal as a state sponsored programme. The menu for each day has been fixed consulting some nutrition specialists. The menu has been decided considering the budget allotted to MDM programme. The menu is uniform for every school in the state. Introduction of MDM programme has helped many poor students to get a hot cooked meal in the school. This is also another initiative for better enrolment and retention. Though there is provision of kitchen shed in every school, some of the schools are yet to get this facility.

Monitoring and evaluation contributes to identify the strength and limitation of any implemented programme. Improvement in elementary education and areas of intervention can be appropriately identified through proper monitoring. Therefore, there is initiative from the Govt. of India to do the periodical evaluation in different regions. The Ministry of Human Resource Development (MHRD) has allocated the responsibility to different recognized institutions of the country in order to assess the progress of primary education with the intervention of Mid Day Meal (MDM) scheme.

Implementation of any development programme is only possible with productive partnership between the central, the state and the local government. One of the important components of MDM is to encourage the enrolment & retention of the children irrespective of caste, class & gender. The scheme is introduced in such a manner that it can provide adequate support for community ownership to the school system by giving nutritional support. This step is no doubt a positive intervention for better school

management. There is an attempt to involve the Panchayati Raj institutions, School Management Committee, Village as well as Urban slum level Education Committee, Parents' Teachers' Association (PTA), Mothers' Teachers' Association (MTA), grass root level organization in MDM related activities in the school. The demand and requirement in food habit varies from region to region. Each state is encouraged to understand and implement its own ideas that can be preferred by the children & appreciated by the parents as well as the community.

Organization Structure for MDM at state Level (Gujarat)



Map of Gujarat



District Map of Bhavnagar



Selection Procedure:

As per the guideline and TOR prepared by MHRD, the Monitoring Institute (MI) is expected to cover at least 40 schools from each allotted district during the specific period. Sardar Patel Institute of Economic and Social Research (SPIESR) is one of the monitoring Institutes assigned to evaluate & monitor the implementation of MDM in 11 districts of Gujarat in four phases. In each phase, the monitoring institute is required to cover at least 25% of the districts allotted to them. The list of 11 districts is given below.

1. **Ahmedabad**; 2. Kheda; 3. Anand; 4. **Patan**; 5. Mehsana; 6. Gandhinagar; 7. Amreli;
8. **Bhavnagar**; 9. Jamnagar; 10. Sabarkantha; 11. Banaskantha

The districts covered in this report include Bhavnagar; Ahmedabad & Patan.

As per the TOR the break up of districts to be covered in four phases is (3+3+3+2), out of total 11 districts. During the specified period i.e. April 2011 to September 2011, the MI has selected three districts, i.e. Bhavnagar; Ahmedabad & Patan for monitoring and evaluation. The schools covered during this phase are mentioned below (Table 1). The block wise and CRCs wise distribution of the schools covered are in Annexure A.

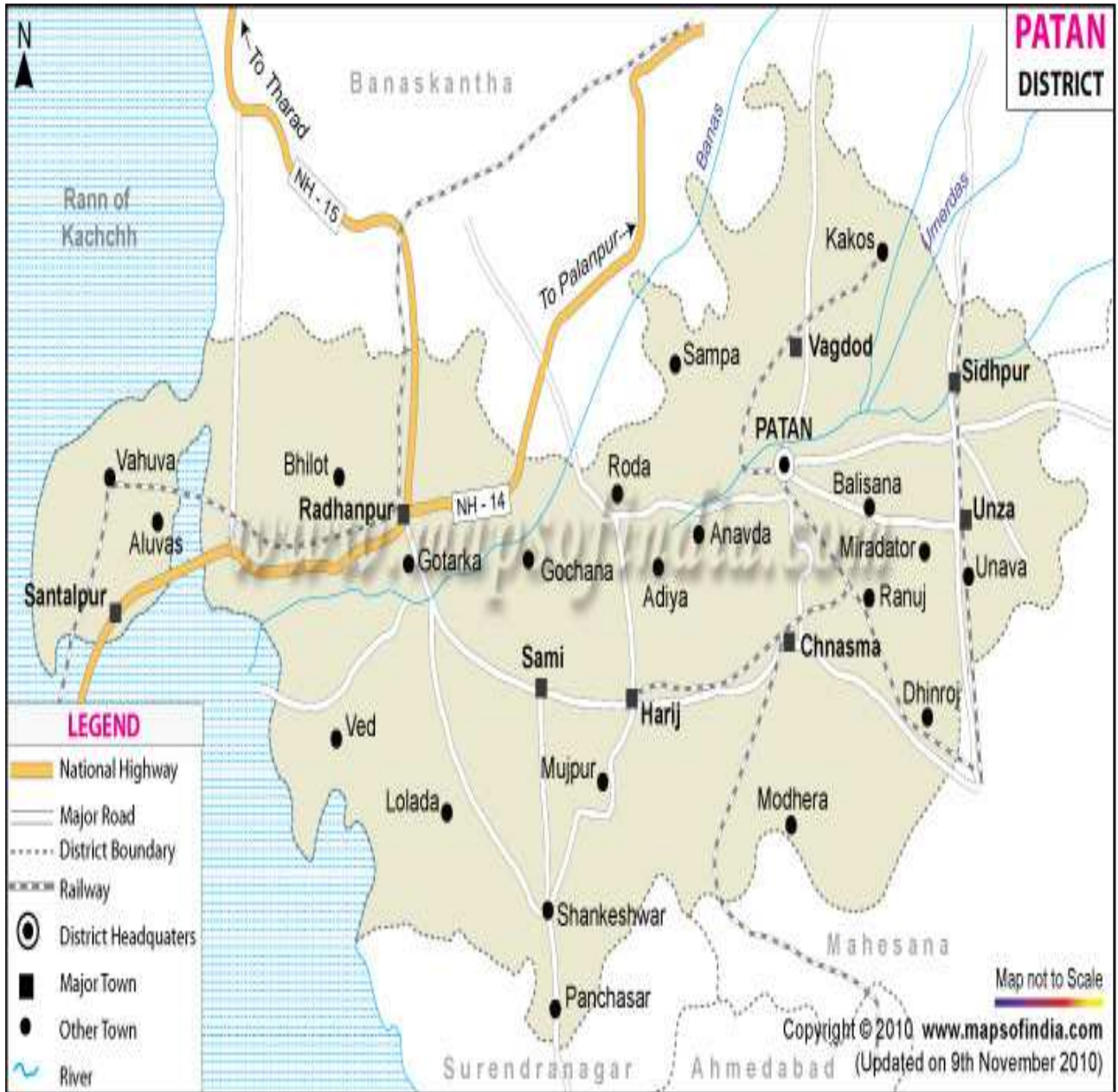
Table 1 Schools covered in all districts

Districts covered	Name of Blocks with CRCs		No. of schools covered
	Blocks	CRCs	
1. Bhavnagar	Bhavnagar	Ward No 4, Sidsar, Bhavnagar-5	40
	Ghogha	Ghogha, Mandavdhar, Avnia, Valukad,	
	Ghadhada	Dhasa, Gundala,	
	Vallabhipur	Vallabhipur-1, Pachhegam,	
	Dhola	Dhola,	
	Umarala	Tinbi, Dadva Umralla-1	
2. Ahmedabad	Sanand	Changodar, Kumar school, Rethal, Vinchiya, Goraj	40
	Ranpur	Jalila 1, Jallila 2, Hadamtala, Ranpur 2	
	AMC	Vasna, Paldi,	
	Bavla	Bhayla, Nagar Primary., Bagodara, Bavla, Center Branch.	
3. Patan	Patan	Vanraj, Sankhira, Nayka, Bhatsan, Koita	40
	Sami	Sami-1, Sami-2, Mota Zoravarpura,	
	Chansma	Jilia, Dhinoj, Lanva	
	Harij	Harij-1, Harij-2, Roda, Adia, Katra,	
	Sidhhpur	Nagarpalika, Bilia	
Total			120

District Map of Ahmedabad



District Map of Patan



EXECUTIVE SUMMARY OF ALL THE DISTRICT REPORTS OF MDM

EXECUTIVE SUMMARY-DISTRICT: BHAVNAGAR

1. Regularity in serving meal:

In all the schools in Bhavnagar district visited by MI, hot cooked food was served.

2. Trends:

The MI has visited 40 schools in this district and found that more than 82% children had attended the school on the visit day. Seventy two percent children availed the MDM. Thirty three school have their school based MDM whereas 7 schools are provided MDM by semi centralized/ centralized MDM programme.

3. Regularity in delivering food grains to school level:

All 33 schools with school based MDM are getting regular food grain supply to school level.

4. Regularity in delivering cooking cost to school level:

Thirty schools were getting the cooking cost regularly. Delay of about 2-3 months for three schools in receiving the cooking cost was found by the MI.

5. Social equity:

In most of the school visited in this district, the MI did not find any gender, caste, community discrimination in cooking, serving and sitting arrangement. Boys and girls used to sit in separate rows while the MDM is served in majority of the visited schools.

6. Variety of menu:

In all the schools, there is variety in the food served to the children. Rice /wheat are given to children daily. However, dal & vegetable is not served to children on daily basis.

8. Quality & quantity of meal:

Out of 40 visited schools, 12 schools are receiving average quality of food grain under MDM and rest were found to receive good quality food grain. The quality of cooked food was found to be good in 35 schools. The quantity of food served under MDM is found to be satisfactory as conveyed by the children and teachers in all the visited schools.

9. Supplementary:

School did not organize health camps for the children on regular basis. Micronutrients (Iron, folic acid, vitamin-A dosage) de-worming medicine was not provided in any of the visited school. In most of the schools, 'Bal Bhog', a nutritional supplement, is given to the children periodically.

10. Status of cooks/helpers:

The MI observed that the cooks and helpers cook together. However, in some schools the school children from the senior classes help the MDM staff in serving the MDM. The remuneration to cooks/helpers is paid regularly in most of the visited schools except four visited schools.

11 & 12. Infrastructure:

The MI found that 31 schools have pucca kitchen-cum-store constructed and in use and it was constructed under MDM scheme in most of the visited school. Five schools have centralized MDM and 2 schools have semi centralized MDM. Two schools did not have storage facility as well as kitchen facility. Four schools had the kitchen constructed but not in use. In one primary school the construction of pucca kitchen cum store is under progress and this school is cooking the food in open space and the food grains/other ingredients are stored in school classroom.

13. Potable water:

The MI found that in all the schools the potable water facility for cooking and drinking purposes was available.

14. Cooking utensils availability:

It is found by the MI that all the schools are having adequate utensils for cooking except the schools covered by centralized MDM programme.

15. Kind of fuel:

Among 33 schools with independent school based MDM, three schools are using gas as fuel for preparing MDM.

16. Safety & Hygiene:

General Impression of the environment for MDM programme is found to be satisfactory by the MI. The MI found that 26 visited schools used to maintain good safety and hygiene in MDM preparation and rest 14 schools has an average maintenance. In most of the schools children are encouraged to wash hands before and after eating. In majority of the schools (30 schools), the children used to take food in an orderly manner. The cooking process and storage of fuel is found to be safe from fire hazard in 38 visited schools.

17. Community participation:

MI found that in 23 schools parents or SMC members supervise, monitor & participate in MDM activities once in a week and not on daily basis. The participation level of SMC members was found to be average in 2 schools and poor in 15 school. Participation level of parents was found to be average in 9 schools and poor in another 9 schools. Among all the visited schools, half of the schools (20 schools) were found where a community has maintained a roster for MDM supervision.

18. Inspection & supervision:

The inspection of mid day meal programme by any state/district/block level officers/officials in this district is found to be prevalent -though not on regular basis. In most of the school the inspection is done by the Block level officials like Taluka Development officer in 3 school, by Mamlatdar in 20 schools, by SMC member in 2 schools and by Sarpanch in 1 school. The frequency of such inspection was found to be irregular.

19. Impact:

The MDM has improved the enrollment and attendance of children in most of the instances as conveyed by the school staff and the parents. The MI found that in all the visited schools the parents, teachers and students opined that the MDM has improved the general health of children.

ANY OTHER ISSUE RELATED TO MDM

1. Kitchen and Food storage facility:

Out of 40 schools visited by the MI in the district, 33 schools have food storage facility and kitchen facility as rest of the school had either semi centralized or centralized MDM.

2. Maintenance of storage, kitchen, cooking utensils:

- The MI observed the food storage and associated maintenance to be satisfactory in the district. Twenty two schools are found to have good and 11 schools with average food storage maintenance.
- Twenty two schools have good and 11 schools had average status of kitchen maintenance.
- The maintenance of cooking utensils is found to be good with 24 schools and average with 9 schools.

3. Opinion of community members & parents on MDM programme:

Community members have opined that quantity of MDM at both Primary School (PS) and Upper Primary Schools (UPS) level is satisfactory. Overall impression of community on MDM is found to be good for 38 schools and satisfactory for rest of the 2 schools.

4. Awareness regarding MDM:

It was noticed that in 23 visited schools awareness regarding MDM has been generated through schools and in 17 schools through newspaper.

5. Other observation regarding MDM:

- In Bhavnagar district, in all the visited schools weekly MDM is displayed on the school board and the MDM used to be prepared as per the schedule.
- All the schools had dishes available to serve MDM to the children

6. Problems identified in the district:

- In three of the visited schools the MDM register was not found to be updated. Thirty seven schools used to update their MDM register in terms of students' intake of MDM, however in none of the visited school the updating of MDM register with reference to the utilization of stocks was found.
- In Jawaharlal Nehru Kumar Primary School the kitchen wall is broken & there is rain water accumulation in school kitchen.
- In Valukad Kendravarti Kumar School there are insufficient cooking utensils in kitchen.
- In Shri Gundal Kendravarti Kanya School there is no kitchen facility and storeroom facility in school since last 10 years.
- In Dhola Junction Kendravarti School the MDM serving utensils are not available.

EXECUTIVE SUMMARY- DISTRICT: AHMEDABAD

1. Regularity in serving meal:

In all the visited schools in Ahmedabad district, hot cooked food was served without any interruption except in Vinchhiya Primary School.

2. Trends:

The MI has visited 40 schools in this district and found that more than 81% children had attended the school on the visit day. More than 79% of the children availed the MDM. There are total 8 schools with centralized MDM provided by Akshaypatra foundation and rest of the 32 schools have Independent MDM programme.

3. Regularity in delivering food grains to school level:

All the visited schools were getting regular food grain supply to school level.

4. Regularity in delivering cooking cost to school level:

Among all visited 40 schools, 32 schools with independent MDM were getting the cooking cost regularly. No delay in getting advance cooking cost was found in the visited schools.

5. Social equity:

The MI did not find any gender, caste, community discrimination in cooking, serving and sitting arrangement in most of the schools visited in this district whereas the boys and girls used to sit in separate rows while the MDM is served and in majority of the visited schools this trend is followed.

6. Variety of menu:

In all the schools there is variety in the food served to the children. Rice /wheat are given to children daily. However, dal & vegetable is not served to children on daily basis.

8. Quality & quantity of meal:

Out of 40 visited schools, children from 35 schools are reported to get good quality cooked meal and only 5 school children are receiving average quality of cooked food under MDM. The quantity of food served under MDM is found to be satisfactory as told by the children and teachers.

9. Supplementary:

None of the schools organized any health camps for the children on regular basis. In all the schools the 'Bal Bhog', a nutritional supplement, introduced by the Government of Gujarat, is given to the children periodically.

10. Status of cooks/helpers:

The remuneration to cooks/helpers is paid regularly in majority of the visited schools. Majority of cooks/helpers belong to OBC category. In all the schools with independent MDM there was one cook and one helpers except K.G Sutharia Pay Centre School and Shri Rukshmani Ben Kanya School with 2 cooks and 2 helpers each for MDM.

11 & 12. Infrastructure:

The MI has found that 27 schools have pucca kitchen-cum-store constructed and in use and it was constructed under civil grant in most of the school visited in the Ahmedabad district. One school has pucca kitchen- cum-store constructed but it is not used for either cooking or storing the food grains due to its damaged status. In Shri Sankanibai School the construction of pucca kitchen cum store is not sanctioned. In another school pucca kitchen cum store is under construction.

13 Potable water:

The MI found that all visited schools have the potable water facility for cooking and drinking purposes except Rohika Primary School.

14. Cooking utensils availability:

It is found by the MI that all the schools are having adequate utensils for cooking.

15. Kind of fuel:

The MI has found that in all the visited schools use fire wood as fuel for cooking MDM except one school which is using gas based fuel (LPG) for cooking MDM.

16. Safety & Hygiene:

The MI found that 24 schools were found to maintain good safety and hygiene during MDM preparation and 8 schools with an average maintenance of safety and hygiene in MDM preparation.

The cooking process and storage of fuel is found to be safe from fire hazard in all the schools visited.

17. Community participation:

It was found that in 36 schools parents of the children participate in MDM activities. Besides in 32 schools SMCs also monitor & participate in MDM activities on an average once in a month and nowhere on daily basis. In 17 schools, the roster for MDM supervision was followed.

18. Inspection & supervision:

The inspection of MDM programme by any state/district/block level officers/officials in this district is found to be there in only some schools but not on regular basis. In 2 Schools inspection was done on monthly basis at state level. In 15 schools the inspection was done by the Mamlatdar and in one school it was done by BRC. However in rest of the schools no inspection was seen since last six months.

19. Impact:

Based on the observation and discussion with head teacher, teachers, students and SMC members in the visited schools, it was found that the mid day meal has improved the enrollment and attendance of children in most of the instances.

ANY OTHER ISSUE RELATED TO MDM

1 Kitchen and Food storage facility:

Out of 40 schools visited by the MI in the district, 29 schools have food storage facility and kitchen facility. Three schools do not have storage and kitchen facility and they are storing the food grains in Principal's office.

1. Maintenance of storage, kitchen, cooking utensils:

- The MI observed the storage maintenance to be satisfactory in the district Storage maintenance of food grain for MDM is found to be good in 15 schools and average in 13 schools.
- Kitchen maintenance is found to be good in 14 schools and average in 24 schools.
- The cooking utensils maintenance is found to be good in 18 school and average in 10 schools.

3. Opinion of community members & parents on MDM programme:

Community members reported the quantity of MDM at both Primary School (PS) and Upper Primary Schools (UPS) level to be satisfactory. Extent of participation in MDM supervision and monitoring by Parents was found to be good in 21 schools and average in 13 schools.

4. Awareness regarding MDM:

Children in 20 schools came to know about MDM through schools and in 9 schools by newspaper.

5. Problems identified in the district:

- The MDM serving dishes were not found to be provided in 10 schools.
- In one school the kitchen gets flooded in monsoon season and cannot be used for cooking purpose during monsoon.
- Thirty two schools used to update their MDM register in terms of students' intake of MDM, but none of the school's MDM register was found to be updated with reference to the utilization of stocks. The MDM register was not found to be updated in 3 schools.

6. Strengths

- The RO water facility is available in one school.
- The food of Akshaypatra is found to be very good by the students in all those schools covered under centralized MDM programme.

EXECUTIVE SUMMARY- DISTRICT: PATAN

1. Regularity in serving meal:

In all the schools visited by MI in Patan district hot cooked food was served without any interruption.

2. Trends:

Forty schools were visited in Patan district. Two schools are supplied with centralized MDM and rest of the 38 schools have independent MDM programme running in their respective school. The MI found that more than 88 % children attended the school on the visit day. As per MDM register, 70.66% children availed the MDM and 65.63% children actually availed the MDM on the visit day of the MI.

3. Regularity in delivering food grains to school level:

There are only one school with irregularity in delivering food grain to school level. In 38 schools with school based MDM the food grain is delivered at school level.

4. Regularity in delivering cooking cost to school level:

Most of the schools with school based MDM are getting the cooking cost regularly except the 6 schools. A delay of 7 days to 2 months was found in these 6 schools. Cooking cost is paid through cheque in all the school visited by MI.

5. Social equity:

No gender, caste, community discrimination in cooking, serving and sitting arrangement is found in any of the visited schools in this district. However, the boys and girls are found to sit in separate rows while the MDM is served and in majority of the visited schools this trend is followed. Some of

the upper grade students, irrespective of their caste and community used to help in serving the MDM to the children.

6. Variety of menu:

In most of the schools variety in menu was seen. All the schools using rice /wheat, in their MDM on daily basis, however, dal and vegetables are not served to children on daily basis.

8. Quality & quantity of meal:

Out of 40 visited schools, 36 schools reported to get good quality cooked food. Only 4 schools are found to provide average quality of cooked food under MDM. The quantity of food served under MDM is found to be satisfactory as per children and teachers.

9. Supplementary:

Schools did not organize health camps for the children on regular basis. Micronutrients (iron, folic acid, vitamin-A dosage) de-worming medicine was not provided in any of the visited school. Bal Bhog', in form of toffee, a nutritional supplement, is given to the children periodically in all the schools.

10. Status of cooks/helpers:

The MI observed that the cooks and helpers and cook serve the food together. However, in some schools the school children of senior classes help in serving the meal to the MDM staff. All cook cum helpers are paid their remuneration in cash. Majority of the cooks/helpers belongs to OBC category.

11 & 12. Infrastructure:

The MI found that 23 schools have pucca kitchen-cum-store constructed and in use. The kitchen shed are constructed under civil grant in all the schools visited. Five schools are found with pucca kitchen cum store shed 'constructed and not in use' category. One school is found with 'sanctioned but construction not started' category of the pucca kitchen cum store. Construction of pucca kitchen cum store is not sanctioned in four schools.

13. Potable water

The MI found that all the schools have potable water facility except 4 schools.

14. Cooking utensils availability:

It is found by the MI that 37 schools are having adequate utensils for cooking.

15. Kind of fuel:

The MI has found that in all the schools with school based MDM use fire wood as fuel for cooking MDM.

16. Safety & Hygiene:

General Impression of the environment for MDM programme is found to be satisfactory by the MI in many visited schools. The MI found 28 schools used to maintain a good- safety and hygiene and rest of the schools with an average maintenance of safety and hygiene for MDM preparation. The cooking process and storage of fuel is found to be safe from fire hazard in all the schools with individual MDM.

17. Community participation:

It was found by MI that in 34 schools children's parents and in 28 schools the SMCs supervise, monitor & participate in MDM activities on an average once in a month. Only in 8 schools, a roster being maintained by the community for MDM supervision.

18. Inspection & supervision:

The inspection of MDM programme by any state/district/block level officers/officials in this district is found to be prevalent though not on regular basis. Inspection/supervision is done by State level officials in 5 schools by District level officials in 7 schools and by Block level officials in 13 schools.

19. Impact:

It is found that the MDM has improved the enrollment, attendance and general health of children in all the schools.

ANY OTHER ISSUE RELATED TO MDM

1 Kitchen and Food storage facility:

Seven schools have no kitchen facility. In 6 schools the condition of kitchen is good and average in 10 schools. Seven schools have no storage facility.

2. Maintenance of storage, kitchen, cooking utensils:

- The MI observed the storage maintenance to be satisfactory in the district. Twenty six schools are found to have good storage maintenance and 12 schools have average status of food storage maintenance.
- The MI found that 23 schools have good and 15 schools have average kitchen maintenance.
- The cooking utensils maintenance is found to be good with 25 schools and average in 13 schools.

3. Opinion of community members on MDM programme:

Community members found the quantity of the MDM for children at both primary and upper primary level as sufficient. General impression regarding MDM is found to be good in all the visited schools.

4. Awareness regarding MDM:

It was noticed by the MI that 4 schools came to know about MDM through newspaper and rest through School.

5 Problems identified in the district:

- For MDM activities at school level, majority of the teachers and principals with few exceptions are not aware of the details like how much quantity is used, stock verification etc.
- Though the prescribed menu provided by Government of Gujarat consists of dal, wheat, vegetables and rice, it was found by MI that very few schools are providing vegetables and Dals on regular basis.
- In 3 schools MDM register is not updated.

6. Strength:

- Majority of the parents, children and members of the local bodies have expressed their satisfaction with the quality and quantity served to the children.

Chapter 1
SECOND HALF YEARLY MONITORING REPORT OF MID-DAY-MEAL
SCHEME

(District I: BHAVNAGAR)

(District wise information as per the ToR 2010-12 issued by the Ministry / TSG)

1.1	Name of the District	BHAVNAGAR
1.2	Date of visit to the District/EGS/schools	20/09/11-23/09/11
1.3	Tasks	The Monitoring Institute has obtained information on the following areas and included them in their report.

A. AT SCHOOL LEVEL

1	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?	Students, Teachers & Parents and MDM register																													
	In all the schools visited by MI in Bhavnagar district hot cooked food was served without any interruption.																														
2	TRENDS: Extent of variation (As per school records vis-à-vis Actual on the day of visit)	School level registers, MDM Registers Head Teachers, Schools level MDM functionaries / Observation of the monitoring team.																													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">No.</th> <th style="width: 45%;">Details</th> <th style="width: 15%;">N</th> <th style="width: 35%;">%</th> </tr> </thead> <tbody> <tr> <td>i</td> <td>Enrollment</td> <td>12680</td> <td>-</td> </tr> <tr> <td>ii</td> <td>No. of children opted for MDM</td> <td>9749</td> <td>76.88</td> </tr> <tr> <td>iii</td> <td>No. of children attending the school on the day of visit</td> <td>10427</td> <td>82.23</td> </tr> <tr> <td>iv</td> <td>No. of children availing MDM as per MDM Register</td> <td>9183</td> <td>72.42</td> </tr> <tr> <td>v</td> <td>No. of children actually availing MDM on the day of visit</td> <td>8961</td> <td>70.67</td> </tr> <tr> <td>vi</td> <td>No. of children availed MDM on previous day</td> <td>7849</td> <td>61.90</td> </tr> </tbody> </table>	No.	Details	N	%	i	Enrollment	12680	-	ii	No. of children opted for MDM	9749	76.88	iii	No. of children attending the school on the day of visit	10427	82.23	iv	No. of children availing MDM as per MDM Register	9183	72.42	v	No. of children actually availing MDM on the day of visit	8961	70.67	vi	No. of children availed MDM on previous day	7849	61.90	In case of centralized kitchen, the no. of schools served by it. Time taken in supply of hot cooked MDM from centralized kitchen	
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<i>Average per school has been calculated out of the total children in each case.</i>																															

	<p>Forty schools were visited in Bhavnagar district. More than 82% children had attended the school on the visit day. Seventy two percent children availed the MDM. The MI observed that the children who do not take MDM in the school either bring food from home or go to their respective homes for taking food during lunch break. Five schools namely Mathriya Bhanjiabji Kanya School No. 19, Jalarambapa Primary School, Jawaharlal Nehru Kumar School, Subhash Chandra Bose Primary School and Mathuriya Bhanjiabji School No. 18 had centralized kitchen. Ravindranath Tagor School and Dimondchowk Kanya School used to cook in semi centralized kitchen. Rest of the schools had their Independent MDM preparation in the school.</p>	
3	<p>REGULARITY IN DELIVERING FOOD GRAINS TO SCHOOL LEVEL:</p> <p>(i) Is school/implementing agency receiving food grain regularly? If there is delay in delivering food grains, what is the extent of delay and reasons for the same?</p> <p>(ii) Is buffer stock of one-month's requirement is maintained?</p> <p>(iii) Is the food grains delivered at the school?</p> <p>(iv) Is the quality of food grain good?</p>	<p>School level registers, MDM Registers, Head Teacher, School level MDM functionaries, SHG/ implementing agency</p>
	<p>(i) All the 33 schools are getting regular food grain supply. However, 7 schools are provided MDM by either semi centralized or centralized MDM programme.</p> <p>(ii) The buffer stock of one month requirement was maintained in most of the visited schools except Sidsar Primary School.</p> <p>(iii) The food grain is delivered at the ration shop in all 33 schools with independent MDM.</p> <p>(iv) Most of the schools (30) with independent MDM are found to receive good quality food grain.</p>	
4	<p>REGULARITY IN DELIVERING COOKING COST TO SCHOOL LEVEL:</p> <p>(i) Is school/implementing agency receiving cooking cost in advance regularly? If there is delay in delivering cooking cost what is the extent of delay and reasons for it?</p> <p>(ii) In case of delay, how schools/implementing agency manage to ensure that there is no disruption in the feeding programme?</p> <p>(iii) Is cooking cost paid by Cash or through banking channel?</p>	<p>School level registers, MDM Registers, Head Teacher, School level MDM functionaries, SHG/ implementing agency</p>
	<p>(i) Among all visited 40 schools, 30 schools were getting the cooking cost regularly and 3 schools observed a delay in receiving the cooking cost. Delay of about 2-3 months for three schools namely ShriDhola Junction KV School, Nityanand Primary School-Branch and Malpara Primary School in receiving the cooking cost was found by the MI. Receiving the Cheque from the district to block level took this much time to reach at the school level and therefore the delay in receiving cooking cost.</p> <p>(ii) The MDM organizer/staff manage to ensure no disruption in the feeding programme using own resources or through sources from school.</p> <p>(iii) Cooking cost is paid through Cheque in all the visited school.</p>	

	<p>SOCIAL EQUITY:</p> <p>(i) Did you observe any gender or caste or community discrimination in cooking or serving or seating arrangements?</p> <p>(ii) What is the system of serving and sitting arrangement for eating?</p>	<p>Observations /Probe/ interaction with the children</p>
5	<p>(i) In most of the school visited in this district, the MI found that there is no gender, caste, community discrimination in cooking, serving and sitting arrangement. However the boys and girls used to sit in separate rows while the MDM is served because of their comfort level. In majority of the visited schools this trend is followed.</p> <p>(ii) Some of the senior class students used to serve the MDM with the MDM helpers. It was noticed by the MI that in all the schools, all students start eating the MDM together only once the MDM is served to all the children.</p>	
6	<p>VARIETY OF MENU:</p> <p>(i) Has the school displayed its weekly menu at a place noticeable to community, and is it able to adhere to the menu displayed?</p> <p>(ii) Who decided the menu?</p> <p>(i) In most of the schools (31) visited by MI, the weekly menu was displayed. Most of the schools are preparing the MDM as per MDM menu displayed on the school board. The weekly menu is followed uniformly across all the covered blocks in the district. However slight variation is noticed because of local need, convenience and preference of the children.</p> <p>ii Menu is decided by department of MDM, Government of Gujarat. This menu is uniform to all the schools in the district.</p>	<p>Observations and discussion with children teachers, parents, SMC members, Gram Panchayat members and cooks. Obtain a copy of the menu</p>
7	<p>(i) Is there variety in the food served or is the same food served daily?</p> <p>(ii) Does the daily menu include rice /wheat preparation, dal and vegetables?</p> <p>(i) In all the schools visited by MI, there is variety in the food served to the children.</p> <p>(ii) Rice /wheat are given to children daily. However, dal & vegetable is not served to children on daily basis. The reason reported to the MI by the MDM organizer is high cost of the vegetables and Dals.</p>	<p>Observations and discussion with children teachers, parents, SMC members, Gram Panchayat members and cooks.</p>
8	<p>QUALITY & QUANTITY OF MEAL:</p> <p>Feedback from children on</p> <p>a. Quality of meal:</p> <p>b. Quantity of meal:</p> <p>c. {If children were not happy Please give reasons and suggestions to improve.}</p>	<p>Observations of Investigation during MDM service</p>

	<p>a. Out of 40 visited schools, children from 35 schools are reported to get good quality cooked meal whereas rest of the 5 schools children are receiving average quality of cooked food under MDM.</p> <p>b. The quantity of food served under MDM is found to be satisfactory as conveyed by both i.e. children and teachers in most of the visited schools.</p> <p>c. Children are found to be satisfied with the quantity and quality of cooked food in most of the visited schools.</p>	
	<p>SUPPLEMENTARY:</p> <p>(i) Is there school health card maintained for each child?</p> <p>(ii) What is the frequency of health check up?</p> <p>(iii) Whether children are given micronutrients (Iron, folic acid, vitamin – A dosage) and de-worming medicine periodically?</p> <p>(iv) Who administers these medicines and at what frequency?</p>	<p>Teachers, Students, School Record, School health card</p>
9	<p>(i) The MI found that among all visited schools, None of the school is maintaining health cards for its children.</p> <p>(ii) None of the school in the district is found to organize health camps for the children on regular basis. However, the school children were found to be checked medically by nearby government hospital with details like height, weight and few health problems but they never gave the children health record to the school. The children used to be given medicines as per their requirement during the health checkup.</p> <p>(iii) None of the visited schools children are given micronutrients (iron, folic acid, vitamin-A dosage) de-worming medicine periodically. However in most of the visited schools(36), ‘Bal Bhog’ in the form of a toffee(chocolate) is given to the children at regular interval. This contains some nutritional supplement & introduced by Govt. of Gujarat.</p> <p>(iv) Not applicable</p>	
10	<p>STATUS OF COOKS:</p> <p>(i) Who cooks and serves the meal? (Cook cum helper appointed by the Department / SMC / PRI / Self Help Group/ NGO / Contractor)</p> <p>(ii) Is the number of cooks and helpers engaged in the school as per GOI norms?</p> <p>(iii) What is remuneration paid to cooks cum helpers and mode of payment?</p> <p>(iv) Are the remuneration paid to cooks/helpers regularly?</p> <p>(v) Social Composition of cooks cum helpers? (SC/ST/OBC/Minority)</p>	<p>Observations and discussion with children teachers, parents, SMC members, Gram Panchayat members and cooks-cum-helpers.</p>

	<p>(i) The MI observed that the cooks and helpers cook together However, in some schools (85 %) the school children used to help the MDM staff in serving the meal.</p> <p>(ii) The Cook/helpers are appointed by “Mamlatdar”. The appointed cook & helpers are engaged in the school as per GOI norms.</p> <p>(iii) All the cook cum helpers are paid their remuneration as per Government norms. The cook and helper both are getting cash payment.</p> <p>(iv) The remuneration to cooks/helpers is paid regularly in majority of the visited schools except the 4 school. (Valukad Kendravarti Kumar School, Kumar primary School, Malpara Primary School and Shri Dhola Junction KV School).</p> <p>(v) Cooks belongs to the OBC in 24 schools, SC in 2 schools, Muslim category in 3 schools and General category in 2 schools. Helpers belongs to the OBC in 26 schools, SC in 6 schools, Muslim category in 4 schools and General category in 1 school.</p>	
	<p>INFRASTRUCTURE:</p> <p>Is a pucca kitchen shed-cum-store:</p> <p>i) Constructed and in use</p> <p>ii) Scheme under which kitchen sheds constructed –MDM/ SSA/Other</p> <p>iii) Constructed but not in use (reasons for not using)</p> <p>iv) Under construction</p> <p>v) Sanctioned, but construction not started</p> <p>vi) Not sanctioned</p> <p>vii) Any other (specify)</p>	<p>School records, discussion with head teacher, teacher, SMC, Gram Panchayat members.</p>
11	<p>(i) The MI found that 31 schools have pucca kitchen-cum-store constructed and in use.</p> <p>(ii) The kitchen shed was constructed under MDM scheme in most of the schools visited by the MI.</p> <p>(iii) The four schools namely Juna Alampar Primary School, Rojmal Primary School, Bhikada Primary School and Ravindranath Tagore Primary School have pucca kitchen-cum-store constructed but it is not used for either cooking or storing the food grains and they are using open space as an alternative for cooking MDM. Reasons for not using the constructed pucca kitchen-cum-store for cooking or storage of food grains are a) smaller size or insufficient space and b) wrong design.</p> <p>(iv) One school is found with ‘under construction’ category of pucca kitchen cum store. In Gundhala Kumar Primary School the construction of pucca kitchen cum store is under progress and this school is cooking the food in open space and the food grains/other ingredients are stored in school classroom.</p> <p>(v) No school is found with ‘sanctioned but construction not started’ category of the pucca kitchen cum store</p> <p>vi) No school was found with the category, ‘Not sanctioned’.</p> <p>(vi) Holaya Primary School and Kumar Primary School did not have storage facility as well as kitchen facility in the schools.</p>	
12	<p>In case the pucca kitchen shed is not available, where is the food being cooked and where the food grains /other ingredients being stored?</p>	<p>Discussion with head teacher, teacher, SMC, Gram Panchayat members, Observation</p>

	It was found by MI that the pucca kitchen shed is not available in 2 schools. Besides 4 schools are not using the constructed kitchen shed due to various reasons mentioned above. All these 6 schools are cooking the food in open space. Food grains/other ingredients are stored in school classroom or Principal office.	
13	Whether potable water is available for cooking and drinking purpose?	-do-
	The MI found that all the schools have the potable water facility for cooking and drinking purposes.	
14	Whether utensils are available for cooking food? If available is it adequate?	Teachers/Organizer of MDM Programme
	It is found by the MI that all the schools are having adequate utensils for cooking except 7 schools namely Subhash Chandra Bose Primary School, Mathriya Bhanjiabjkanya school 18, Mathriya Bhanjiabjkanya School 19 , Jalarambapa Primary School, Ravindranath Tagore School, Dimondchowk Kanya School and Jawaharlal Nehru Kumar school, as these school were provided MDM by the centralized kitchen.	
15	What is the kind of fuel used? (Gas based/ firewood etc.)	Observation
	Among 33 schools with independent school based three schools namely Gundhala Kendravarti School, Shridhola Junction KV School, Sri Umrala Kendravarti Shala No. 1 are using gas as fuel for preparing MDM.	
16	SAFETY & HYGIENE: i. General Impression of the environment, Safety and hygiene: ii. Are children encouraged to wash hands before and after eating? iii. Do the children partake meals in an orderly manner? iv. Conservation of water? v. Is the cooking process and storage of fuel safe, not posing any fire hazard?	Observation
	i. General Impression of the environment for MDM programme is found to be satisfactory by the MI in many visited schools. The MI found that 26 visited schools used to maintain satisfactory safety and hygiene in MDM preparation and in 7 schools has an unsatisfactory maintenance. ii. In most of the schools (39 schools) children are encouraged to wash hands before and after eating. iii. In most of the schools (30 schools), the children used to take food in an orderly manner. iv. Water conservation is found to be practiced by children while washing hands and utensils in 33 visited schools by the MI. v. The cooking process and storage of fuel is found to be safe from fire hazard in 38 visited schools.	

	<p>COMMUNITY PARTICIPATION:</p> <p>i) Extent of participation by Parents/ SMCs / Panchayats / Urban bodies in daily supervision, monitoring, participation</p> <p>ii) Is any roster being maintained of the community members for supervision of the MDM ?</p>	<p>Discussion with head teacher, teacher, Parents, SMC, Gram Panchayat members</p>
	<p>i) MI found that in 23schools parents or SMC members supervise, monitor & participate in MDM activities actively and once in a week not on daily basis. The participation level of SMC members was found to be average in 2 schools and poor in 15 school and the participation level of parents was found to be average in 9 schools and poor in another 9 schools.</p> <p>ii) Among all the visited schools, half of the schools (20 schools) were found where community has maintained a roster for MDM supervision.</p>	
18	<p>INSPECTION & SUPERVISION</p> <p>i) Has the mid day meal programme been inspected by any state/district/block level officers/officials?</p> <p>ii) The frequency of such inspection?</p>	<p>School records, discussion with head teacher, teachers, SMC, Gram Panchayat members</p>
	<p>i) The inspection of mid-day meal programme by any state/district/block level officers/officials in this district is found to be prevalent -though not on regular basis. In Ravindra Nath Tagor School inspection of MDM was done by state level official. However in most of the school the inspection being done by the , Block level officials like Taluka Development officer in 3 school, by Mamlatdar in 20 schools, by SMC member in 2 schools and by sarpanch in 1 school.</p> <p>ii) The frequency of such inspection was found to be irregular, the visit was found to be carried out on & average once in a month.</p>	
19	<p>IMPACT</p> <p>Has the mid day meal improved the enrollment, attendance of children in school, general well being (nutritional status) of children?</p> <p>Is there any other incidental benefit due to serving cooked meal in schools?</p>	<p>School records, discussion with head teacher, teachers, students, SMC, Gram Panchayat members.</p>
	<p>MI verified school records, discussed with head teacher, teachers, students, SMC, Gram Panchayat members with reference to the impact of MDM. Based on the observation and discussion in the visited schools, it was found that the mid day meal has improved the enrollment and attendance of children in most of the instances. It may not be the only reason for higher enrolment, but certainly one of the important reasons. The MI found that in all the visited schools the parents, teachers and students opined that the MDM has improved the general health of children.</p>	

B. ANY OTHER ISSUES RELEVANT TO MDM IMPLEMENTATION

1. Kitchen and Food storage facility:

Out of 40 schools visited by the MI in the district, 33 schools have food storage facility and kitchen facility as rest of the school had either semi centralized or centralized MDM.

2. Maintenance of storage, kitchen, cooking utensils:

Storage Maintenance: The MI observed the food storage and associated maintenance to be satisfactory in the district. Twenty two schools are found to have good and 11 schools with average food storage maintenance.

Kitchen Maintenance: Twenty two schools are found to have good and 11 schools with average status of kitchen maintenance.

Maintenance of Cooking utensils: The maintenance of cooking utensils is found to be good with 24 schools and average with 9 schools.

3. Opinion of community members & parents on MDM programme:

Community members have opined that quantity of MDM at both Primary School (PS) and Upper Primary Schools (UPS) level is satisfactory in all the PS and UPS visited in the district. Overall impression of community on MDM is found to be good for 38 schools and satisfactory for rest of the 2 schools.

4. Awareness regarding MDM:

It was noticed that in majority of the school (n=23)schools awareness regarding MDM has been generated through school staff including HM, teachers, BRC , Mamlatdar etc. and in the rest through newspaper.

5. Problems identified in the district: Specific

- Thirty three schools used to update their MDM register in terms of students' intake of MDM, however in none of the visited school the updating of MDM register with reference to the utilization of stocks was found. In three of the visited schools the MDM register was not found to be updated namely Kuda Primary School, Rojmal Primary School and Ravindranathtagor school.
- For MDM activities at school level, majority of the teachers and principals with few exceptions are not aware of the details like how much quantity is used, stock verification etc. It is taken as a de-linked programme from other school activities, hence presumed to be the sole responsibility of MDM department.
- Only 50% of students in Ghoghakanya school and Gogha Kumar school avail MDM because most of the students are from fisherman's community and prefer fish to eat.

- In Holaya Primary School, MDM organizer prepare MDM at home due to poor status of kitchen.
- In Jawaharlal Nehru Kumar Primary School No. 16 the kitchen wall is broken & there is accumulation of rain water in this school kitchen.
- In Valukad Kendravarti Kumar School cooking utensils are insufficient.
- In Valukad Prathamik Kanya Shala the quality of MDM food especially Dal is not sufficient and sometimes insects or dead flies are found in the food. Therefore, some students bring their lunch from home only. In this school the food grain stock is not sufficient especially by the end of the month
- In Shri Gundal Kendravarti Kanya School there is no kitchen and storage facility since last 10 years.
- In Dhola Junction Kendravarti School the MDM serving utensils are not available.

6. Strengths

- All the schools except one had dishes available to serve MDM to the children.
- In Bhavnagar district, in most of the visited schools weekly MDM is displayed on the school board and the MDM used to be prepared as per the schedule.

Annexure 1.1: Visited School list of Bhavnagar District

S.No	School Name	BRC	CRC
1	Mathriya Bhanji Abji Kanya School 19	Bhavnagar	Ward No 4
2	Jalarambapa Primary School No/40	Bhavnagr	Ward No 4
3	Jawaharlal Nehru Kumar School No.16	Bhavnagar	Ward No 4
4	Subhash Chandra Bose Primary School 24	Bhavnagar	Bhavnagar-5
5	Mathuriya Bhanjiabji Kanya School 18	Bhavnagr	Sidsar
6	Ravindranath Tagore School 20	Bhavnagar	Bhavnagar-5
7	Dimondchowk Kanya School No. 22	Bhavnagar	Bhavnagar-5
8	Sidsar Kendravarti School	Bhavnagar	Sidsar
9	Kerela Primary School	Gadhada	Mandavdhar
10	Kuda Primary School	Ghogha	Avania
11	Nityannd Primary School-Branch	Ghogha	Ghogha
12	Ghogha Kanya School	Ghogha	Ghogha
13	Gogha Kumar School	Ghogha	Ghogha
14	Kankot Primary School	Ghogha	Valukad
15	Valukad Kendravarti Kumar School	Ghogha	Valukad
16	Bhikada Primary School	Ghogha	Valukad
17	Junapadar Primary School	Ghogha	Valukad
18	Valukad Primary Kanya School	Ghogha	Valukad
19	Sankarpara Primary School	Ghadhada	Dhasa
20	Gundhala Kumar Primary School	Ghadhada	Gundhala
21	Patna Primary School	Ghadhada	Dhasa
22	Rojmal Primary School	Ghadhada	Mandavhar
23	Kendravarti Kumar School No.1	Ghadhada	Ghadhada
24	Holaya Primary School	Ghadhada	Ghadhada
25	Kendravarti Kanya School 2	Ghadhada	Ghadhada
26	Malpara Primary School	Ghadhada	Gundala
27	Gundhala Kendravarti School	Ghadhada	Gundala
28	Shri Branch School No.4	Ghadhada	Ghadhada
29	Bhandaria Primary School	Ghadhada	Dhasa
30	Manas Kumar Primary School	Vallibhipur	Vallibhipur -1
31	Haliyad Primary School	Vallibhipur	Pachhegam
32	Loliyana Upper Primary School	Vallibhipur	Pachhegam
33	Shridhola Junction KV School	Umrالا	Dhola
34	Umrالا Kendravarti School No.2	Dhola	Umrالا
35	Dhola Junction Branch Primary School	Dhola	Dhola
36	Sri Umrالا Kendravarti Shala No. 1	Dhola	Umrالا 1
37	Langada Prathmik School	Umrالا	Tinbi
38	Junaalampar Primary School	Umrالا	Dadva
39	KGBV Grade A	Bhavnagar	Sidsar
40	KGBV Grade C	Ghogha	Ghogha

Annexure 1.2: Selected Photographs of Bhavnagar District



Ghadhada Dhasa



Children are having MDM on rough surface



Children are eating home cooked food during lunch break

Ghogha Kanya School



Ghogha Kanya School

Children are eating the home cooked food during lunch break



Home cooked food is preferred over MDM



Senior grade children help in serving the food.



Loliyana Primary School



Children are eating on the rough surface





Chapter 2
SECOND HALF YEARLY MONITORING REPORT OF MID-DAY-MEAL
SCHEME

(District II: AHMEDABAD)

(District wise information as per the ToR 2010-12 issued by the Ministry / TSG)

2.1	Name of the District	AHMEDABAD
2.2	Date of visit to the District/EGS/schools	27/09/11-30/09/11
2.3	Tasks	The Monitoring Institute has obtained information on the following areas and included them in their report.

A. AT SCHOOL LEVEL

1	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?		Students, Teachers & Parents and MDM register			
	In all the school in Ahmedabad district hot cooked food was served without any interruption except Vinchhiya Primary School.					
2	TRENDS: Extent of variation (As per school records vis-à-vis Actual on the day of visit)			School level registers, MDM Registers Head Teachers, Schools level MDM functionaries / Observation of the monitoring team. In case of centralized kitchen, the no. of schools served by it. Time taken in supply of hot cooked MDM from centralized kitchen		
	No.	Details	N			%
	i	Enrollment	12713			-
	ii	No. of children opted for MDM	9044			71.14
	iii	No. of children attending the school on the day of visit	10318			81.16
	iv	No. of children availing MDM as per MDM Register	10122			79.60
	v	No. of children actually availing MDM on the day of visit	9912			77.97
vi	No. of children availed MDM on previous day	9003	70.81			
<i>Average per school has been calculated out of the total children in each case.</i>						

	<p>The MI has visited 40 schools in this district and found that more than 81% children had attended the school on the visit day. More than 79% of the children availed the MDM as per the MDM register whereas actually 77.97 % children availed the MDM on the visit day. The MI observed that the children who do not take MDM in the school either bring food from home or go to their respective homes for taking food during lunch break. Eight schools have centralized MDM namely Ellisbridge School No 2, Ellisbridge Gujarati School No 2, Ellisbridge School No 6, Ellisbridge School No. 16, Ellisbridge School No. 24, Primary School No.14, Vasna Gujarati School No. 2, Vasna School No. 6 and rest of the 32 schools have Independent MDM.</p>	
3	<p>REGULARITY IN DELIVERING FOOD GRAINS TO SCHOOL LEVEL:</p> <p>(i) Is school/implementing agency receiving food grain regularly? If there is delay in delivering food grains, what is the extent of delay and reasons for the same?</p> <p>(ii) Is buffer stock of one-month's requirement is maintained?</p> <p>(iii) Is the food grains delivered at the school?</p> <p>(iv) Is the quality of food grain good?</p>	<p>School level registers, MDM Registers, Head Teacher, School level MDM functionaries, SHG/implementing agency</p>
	<p>(i) All the visited schools with independent MDM (32 schools) were getting regular food grain supply to school level without any delay.</p> <p>(ii) Buffer stock of one month is maintained by 20 schools visited in the district.</p> <p>(iii) In all school food grain is delivered at school level except in schools with centralized MDM.</p> <p>(iv) Four schools were getting average and 28 schools were getting good quality food grain supply.</p>	
4	<p>REGULARITY IN DELIVERING COOKING COST TO SCHOOL LEVEL:</p> <p>(i) Is school/implementing agency receiving cooking cost in advance regularly? If there is delay in delivering cooking cost what is the extent of delay and reasons for it?</p> <p>(ii) In case of delay, how schools/implementing agency manage to ensure that there is no disruption in the feeding programme? \</p> <p>(iii) Is cooking cost paid by Cash or through banking channel?</p>	<p>School level registers, MDM Registers, Head Teacher, School level MDM functionaries, SHG/implementing agency</p>
	<p>(i) Among all visited 40 schools, 32 schools with independent MDM were getting the cooking cost regularly. No delay in getting advance cooking cost was found in the visited schools.</p> <p>(ii) The MDM organizer/staff manage to continue with MDM programme using school staff resources or through sources from school in few instances.</p> <p>(iii) All the visited schools are receiving cooking cost by Cheque.</p>	

5	SOCIAL EQUITY: (i) Did you observe any gender or caste or community discrimination in cooking or serving or seating arrangements? (ii) What is the system of serving and sitting arrangement for eating?	Observations /Probe/ interaction with the children
	<p>(i) The MI found no gender, caste, community discrimination in cooking, serving and sitting arrangement in any of the visited school. However the boys and girls used to sit in separate rows during MDM serving.</p> <p>(ii) Senior class students with the MDM helpers used to serve the MDM to the children. It was noticed by the MI that all students start eating the MDM together at a time when all the children are served the food.</p>	
6	VARIETY OF MENU: (i) Has the school displayed its weekly menu at a place noticeable to community, and is it able to adhere to the menu displayed? (ii) Who decided the menu?	Observations and discussion with children teachers, parents, SMC members, Gram Panchayat members and cooks. Obtain a copy of the menu
	<p>(i) In most of the schools (33 schools), the weekly menu was displayed. All the schools with independent MDM (32 schools) are preparing the MDM as per MDM menu displayed on the school board. In all the schools there is variety in the food served to the children. However; the use of quantity of vegetables and Dals in the MDM is minimal in all the visited schools.</p> <p>(ii) Menu is decided by department of MDM Government of Gujarat. This menu is uniform to all the schools in the district.</p>	
7	(i) Is there variety in the food served or is the same food served daily? (ii) Does the daily menu include rice / wheat preparation, dal and vegetables?	Observations and discussion with children teachers, parents, SMC members, Gram Panchayat members and cooks.
	<p>(i) In all the schools visited by MI there is variety in the food served to the children.</p> <p>(ii) Rice /wheat is given to children daily. The weekly menu is followed uniformly across all the blocks in the district. However slight variation is noticed because of local need & convenience as well as preference of the children.</p>	
8	QUALITY & QUANTITY OF MEAL: Feedback from children on a. Quality of meal: b. Quantity of meal: c.{If children were not happy Please give reasons & suggestions to improve.}	Observations of Investigation during MDM service

	<p>a. Out of 40 visited schools, 35 schools reported to get good quality cooked food. Only 5 schools are found to provide average quality of cooked food under MDM.</p> <p>b. The quantity of food served under MDM is found to be quite satisfactory as conveyed by the children and teachers.</p> <p>c. Children prefers to have sweet food more than the salty one.</p>	
9	<p>SUPPLEMENTARY:</p> <p>(i) Is there school health card maintained for each child?</p> <p>(ii) What is the frequency of health check up?</p> <p>(iii) Whether children are given micronutrients (Iron, folic acid, vitamin – A dosage) and de-worming medicine periodically?</p> <p>(iv) Who administers these medicines and at what frequency?</p>	<p>Teachers, Students, School Record, School health card</p>
	<p>(i) The MI found that among all schools visited, 15 schools are maintaining health cards for each child but the MI did not find any record for the same for these schools.</p> <p>(ii) None of the schools organized any health camps for the children on regular basis.</p> <p>(iii) None of the school is giving micronutrients (iron, folic acid, vitamin-A dosage) de-worming medicine to the children. However in all the visited schools ‘Bal Bhog’ in the form of a toffee(chocolate), introduced by Govt. of Gujarat, is given to the children at regular interval which contains some nutritional supplements.</p> <p>(iv) Not applicable</p>	
10	<p>STATUS OF COOKS:</p> <p>(i) Who cooks and serves the meal? (Cook cum helper appointed by the Department/SMC / PRI / Self Help Group/ NGO/Contractor)</p> <p>(ii) Is the number of cooks and helpers engaged in the school as per GOI norms?</p> <p>(iii) What is remuneration paid to cooks cum helpers and mode of payment?</p> <p>(iv) Are the remuneration paid to cooks/ helpers regularly?</p> <p>(v) Social Composition of cooks cum helpers? (SC/ST/OBC/Minority)</p>	<p>Observations and discussion with children teachers, parents, SMC members, Gram Panchayat members & cooks-cum-helpers.</p>
	<p>(i) The MI observed that cooking and serving is done by cooks and helpers both. In some schools the school children of senior classes help the MDM staff in serving the meal.</p> <p>(ii) The cook & helpers are appointed as per GOI norms and are adequate to meet the requirement of the school in all the visited school in the district. In all the schools with independent MDM there was one cook and one helpers except K.G Sutharia, Pay Centre School and Shri Rukshmani Ben Kanya school with 2 cooks and 2 helpers each for MDM.</p> <p>(iii) All the MDM staff in the schools are paid their remuneration as per Government norms in cash with Rs.1000 to each, MDM organizer, Cook and Helper.</p> <p>(iv) The cooks/helpers from most of the schools are getting their remuneration regularly.</p> <p>(v) Cooks in 20 schools are from OBC, in 5 school from SC, in 2 school from minority and in 5 schools from general category. Helpers in 23 schools are from OBC, in 8 school from SC, in 1 school from ST category. Majority of cooks/helpers belong to OBC category.</p>	

	INFRASTRUCTURE: Is a pucca kitchen shed-cum-store: i) Constructed and in use ii) Scheme under which kitchen sheds constructed – MDM/SSA/Others iii) Constructed but not in use (reasons for not using) iv) Under construction v) Sanctioned, but constructed not started vi) Not sanctioned vii) Any other (specify)	School records, discussion with head teacher, teacher, SMC, Gram Panchayat members.
11	(i) The MI found that the 27 schools have pucca kitchen-cum-store constructed and in use. (ii) The kitchen shed was constructed under civil grant in most of the school visited by the MI. (iii) Chamki Primary School has pucca kitchen- cum-store constructed but it is not used for either cooking or storing the food grains due to its damaged status. iv) Pay centre Bhayla is found with ‘under construction’ status of pucca kitchen cum store. v) No school was found with ‘sanctioned but construction not started’ status of the pucca kitchen cum store. vi) In Shri Sankanibai School the construction of pucca kitchen cum store is not sanctioned. vii) MI found that the pucca kitchen shed is broken in Shri Rukshmani Ben Kanya School and this school is using open space for cooking.	
	In case the pucca kitchen shed is not available, where is the food being cooked and where the food grains /other ingredients being stored?	Discussion with head teacher, teacher, SMC, Gram Panchayat members, Observation
12	There are 4 schools where pucca kitchen shed are not available on account of unsanctioned status, ongoing construction or damaged status of the same. These schools are using open space as an alternative for cooking MDM and classrooms for storing the food grains.	
	Whether potable water is available for cooking and drinking purpose?	-do-
13	The MI found that all visited schools have the potable water facility for cooking and drinking purpose except Rohika Primary School.	
	Whether utensils are available for cooking food? If, available is it adequate?	Teachers/Organizer of MDM Programme
14	It is found by the MI that all the schools with independent MDM had adequate utensils for cooking.	
	What is the kind of fuel used? (Gas based/firewood etc.)	Observation
15	The MI has found that in all the visited school use fire wood except Moriya Primary School which is using gas based fuel for cooking MDM.	

	SAFETY & HYGIENE: i. General Impression of the environment, Safety and hygiene: ii. Are children encouraged to wash hands before and after eating iii. Do the children partake meals in an orderly manner? iv. Conservation of water? v. Is the cooking process and storage of fuel safe, not posing any fire hazard?	Observation
16	<p>(i) General Impression of the environment for MDM programme is found to be satisfactory by the MI in many visited schools. The MI found 20 schools to maintain safety and hygiene in MDM preparation and 8 schools with an average maintenance of safety and hygiene in MDM preparation.</p> <p>(ii) Healthy habits washing hands before and after eating were found to be there among children of all the schools visited in the district.</p> <p>(iii) In most of the schools (37), the children used to take food in an orderly manner.</p> <p>(iv) Water conservation is found to be practiced by children while washing hands and utensils in 34 schools by the MI.</p> <p>(v) The cooking process and storage of fuel is found to be safe from fire hazard in all the schools with independent MDM.</p>	
17	COMMUNITY PARTICIPATION: i) Extent of participation by Parents/ SMCs / Panchayats / Urban bodies in daily supervision, monitoring, participation ii) Is any roster being maintained of the community members for supervision of the MDM?	Discussion with head teacher, teacher, Parents, SMC, Gram Panchayat members
18	INSPECTION & SUPERVISION i) Has the mid day meal programme been inspected by any state/district/block level officers/ officials? ii) The frequency of such inspection?	School records, discussion with head teacher, teachers, SMC, Gram Panchayat members
<p>i) The inspection of mid-day meal programme by any state/district/block level officers/officials in this district is found to be there in only some schools but not on regular basis. In the Pay Centre Nagar Primary School, Moriya Primary School, Primary School No.14, inspection was done on monthly basis at state level. However in rest of the schools no inspection was found to exist since last six months. In 15 schools the inspection was done by the Mamlatdar and in one school it was done by BRC.</p> <p>ii) The frequency of such inspection was found to be irregular and the visit was found to be carried out on & average once in a month.</p>		

	<p>IMPACT</p> <p>Has the mid day meal improved the enrollment, attendance of children in school, general well being (nutritional status) of children?</p> <p>Is there any other incidental benefit due to serving cooked meal in schools?</p>	<p>School records, discussion with head teacher, teachers, students, SMC, Gram Panchayat members.</p>
19	<p>Based on the observation and discussion with parents/SMC/panchayat members, it was found that the mid day meal has improved the enrollment and attendance of children in most of the visited schools in the district. It can be noted here that MDM is one of the powerful medium for higher enrollment and higher retention. The MI found that in 33 schools the parents, teachers and students opined that the MDM has improved the general health of children.</p>	

B. ANY OTHER ISSUES RELEVANT TO MDM IMPLEMENTATION

1 Kitchen and Food storage facility

Out of 40 schools visited by the MI in the district, 29 schools have food storage facility and kitchen facility. Pilupura Primary School, Shri Sankanibai School, Chamki Primary School have no storage and kitchen facility and these schools are storing the food grains in principal office.

2. Maintenance of storage, kitchen, cooking utensils

Food storage maintenance: The MI observed the storage maintenance to be satisfactory in the district. Storage maintenance of food grain for MDM is found to be good in 15 schools and average in 13 schools.

Kitchen maintenance: Kitchen maintenance is found to be good in 14 schools and average in 24 schools.

Cooking utensils maintenance: The cooking utensils maintenance is found to be good in 18 school and average in 10 schools.

3 Opinion of community members on MDM programme

- Quantity of food served: Community members have opined that quantity of MDM at both Primary School (PS) and Upper Primary Schools (UPS) level is excellent in 8 (20%) schools. The MDM programme is found to be good in 4 Primary School and 6 Upper Primary Schools. In rest of the schools it was found to be satisfactory by the community members.
- Monitoring of MDM: Extent of participation in MDM supervision and monitoring by Parents was found to be good in 21 schools and average in 13 schools. However the monitoring by SMC members is found to be good in 19 schools and average in 13 schools. Besides teachers were found to be involved with the monitoring of the MDM in 10 schools.

4. Awareness regarding MDM:

Children in 20 schools came to know about MDM through schools and in 9 schools by newspaper.

5 Problems identified in the district:

- Thirty two schools used to update their MDM register in terms of students' intake of MDM, but no school MDM register was found to be updated with reference to the utilization of stocks. The MDM register was not found to be updated in Khas Kanya Primary School, Gibpura Primary School and paycentre Primary School
- For MDM activities at school level, majority of the teachers and principals with few exceptions are not aware of the details like how much quantity is used, stock verification etc. It is taken as a de-linked programme from other school activities, hence presumed to be the sole responsibility of MDM department.
- Though the prescribed menu provided by Government of Gujarat consists of dal, wheat, vegetables and rice, it was found by MI that very few schools are providing vegetables and Dals on regular basis because of increasing cost of the vegetables and Dals as conveyed by the MDM organizer. It was noticed that vegetables on an average once in a week and Dals on an average twice in a week are provided to the children.
- Thirty schools had dishes available to serve MDM to the children. The MDM dishes were not found to be provided in 10 schools namely Navapara Bhayla Primary School, Hadamtala Mishra School, Moriya Primary.School, Kundal Primary School, Bhamsara Primary.School, Aadarsh Primary.School, Rohika Primary.School, Nanivavdi Primary.School, Ghotavata Primary.School, Ellisbridge School No.6.
- There is no supervision of MDM in Pay Centre School.
- In Ghotavata Primary School stealing of some items from the kitchen like food grain is observed. In this school the quantity of the wood as a fuel is less than required due to non-payment of the transport bills of the wood by the authorities.
- Aadarsh Telav Primary School face many problems in monsoon due to accumulation of water in the kitchen and hence problem in food grain storage and MDM preparation.

6. Strengths

- The RO water facility is available in Pay Centre School.
- The food of Akshaypatra is found to be very good and students of all those 8 school which are served MDM by Akshaypatra are happy.

Annexure 2.1: Visited School list of Ahmedabad District

S. No.	School Name	BRC	CRC
1	Navapara Bhayla Primary School	Bavla	Bhayla
2	Kalyangadh Mishra school	Bavla	Bhayla
3	AadarshTelavpri.school	Sanand	Sanand
4	Pay Centre Nagar Primary School	Bavla	Bavla
5	Moriya Primary School	Sanand	Changodar
6	EllisbridgeShala No 14	AMC	Paldi
7	Bhamsara Primary School	Bavla	Bagodara
8	Kundal Primary School	Sanand	Rethal
9	Elisbridge School No 24	Paldi	Paldi
10	Pilupura Primary School	Sanand	Changodar
11	Bavla Mukhya Kanya School	Bavla	Bavla
12	Aadarsh School	Sanand	Changodar
13	Tajpurpri. School	Sanand	Changodar
14	Elisbridge School No. 2	Paldi	Paldi
15	Pay Centre Bhayla	Bavla	Bhayla
16	Gibpura Primary School	Sanand	Sanand
17	Vasna School No. 6	AMC	Vasna
18	Rohika Primary School	Bavla	Bagodara
19	Vinchhiya Primary School	Sanand	Vinchhiya
20	Vasna Gujarati school No 2	AMC	Vasna
21	Mukhya Kumar Shala	Bavla	Mukhya Kumar
22	Pay Centre Branch School	Bavla	Centre branch
23	Aadarsh Ranmalgadh Primary School	Sanand	Goraj
24	Elisbridge Gujarati School No. 2	AMC	Paldi
25	Pay Centre School	Bavla	Bagodara
26	Changodar Pay Centre School	Sanand	Changodar
27	Ellisbridge School No 6	AMC	Paldi
28	Ellisbridge School No. 16	AMC	Paldi
29	Hadamtala Mishra Primary School	Ranpur	Hadmatala
30	Khas Kanya Shala	Ranpur	Jalila 2
31	KG Sutaria Pay Centre School	Ranpur	Jalila I
32	Khokharnesh Primary School	Ranpur	Jalila 1
33	Ghotavata Primary School	Ranpur	Jalila II
34	Shri Sankalibai School	Ranpur	Ranpur II
35	RukmaniBen Amritlal Seth Kanya Shala	Ranpur	Ranpur II
36	Nanivavdi Prathmik Shala	Ranpur	Hadamtana
37	Charnki Primary School	Ranpur	Jalila 1
38	ChaCharabad Vasna KGBV	Sanand	Changodar
39	Bagodra KGBV	Bavla	Bagodra
40	Jalila KGBV	Ranpur	Jalila 2

Annexure 2.2: Selected photographs of Ahmedabad district



Bhayla School





Tajpoor school



Gibpura



Chapter 3

SECOND HALF YEARLY MONITORING REPORT OF MID-DAY-MEAL SCHEME

(District III: PATAN)

(District wise information as per the ToR 2010-12 issued by the Ministry / TSG)

3.1	Name of the District	Patan
3.2	Date of visit to the District/EGS/schools	10/10/11-13/10/11
3.3	Tasks	The Monitoring Institute obtained information on the following areas and included them in their report.

A. AT SCHOOL LEVEL

1	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?	Students, Teachers & Parents and MDM register																												
	In all the visited schools of Patan district hot cooked food was served except Lanva Primary Kumar School. The food was served in all the schools without any interruption.																													
2	TRENDS: Extent of variation (As per school records vis-à-vis Actual on the day of visit) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">No.</th> <th style="width: 65%;">Details</th> <th style="width: 10%;">N</th> <th style="width: 10%;">%</th> </tr> </thead> <tbody> <tr> <td>i</td> <td>Enrollment</td> <td>11808</td> <td>-</td> </tr> <tr> <td>ii</td> <td>No. of children opted for MDM</td> <td>8671</td> <td>73.43</td> </tr> <tr> <td>iii</td> <td>No. of children attending the school on the day of visit</td> <td>10430</td> <td>88.32</td> </tr> <tr> <td>iv</td> <td>No. of children availing MDM as per MDM Register</td> <td>8344</td> <td>70.66</td> </tr> <tr> <td>v</td> <td>No. of children actually availing MDM on the day of visit</td> <td>7749</td> <td>65.63</td> </tr> <tr> <td>vi</td> <td>No. of children availed MDM on previous day</td> <td>7405</td> <td>62.71</td> </tr> </tbody> </table> <p><i>Average per school has been calculated out of the total children in each case.</i></p>	No.	Details	N	%	i	Enrollment	11808	-	ii	No. of children opted for MDM	8671	73.43	iii	No. of children attending the school on the day of visit	10430	88.32	iv	No. of children availing MDM as per MDM Register	8344	70.66	v	No. of children actually availing MDM on the day of visit	7749	65.63	vi	No. of children availed MDM on previous day	7405	62.71	School level registers, MDM Registers Head Teachers, Schools level MDM functionaries / Observation of the monitoring team. In case of centralized kitchen, the no. of schools served by it. Time taken in supply of hot cooked MDM from centralized kitchen
No.	Details	N	%																											
i	Enrollment	11808	-																											
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	<p>The MI has visited 40 schools in this district and found that more than 88 % children attended the school on the visit day. As per MDM register, 70.66% children availed the MDM and 65.63% children actually availed the MDM on the visit day of the MI. On the day previous to the visit day, 62.71% children had availed the MDM. The MI observed that the children who do not take MDM from the school either bring food from home or go home for taking food during lunch break. Out of 40 schools 38 schools are running their independent MDM whereas two schools are found with centralized MDM namely Lanva Primary Kanya School and Lanva Primary Kumar School.</p>	
3	<p>REGULARITY IN DELIVERING FOOD GRAINS TO SCHOOL LEVEL:</p> <p>(i) Is school/implementing agency receiving food grain regularly? If there is delay in delivering food grains, what is the extent of delay and reasons for the same?</p> <p>(ii) Is buffer stock of one-month's requirement is maintained?</p> <p>(iii) Is the food grains delivered at the school?</p> <p>(iv) Is the quality of food grain good?</p>	<p>School level registers, MDM Registers, Head Teacher, School level MDM functionaries, SHG/implementing agency</p>
	<p>(i) There is only one school with irregularity in delivering food grain to school level namely Menau.Modi Primary School.</p> <p>(ii) Buffer stock of one month is not maintained in any of the school visited in the District.</p> <p>(iii) In all 38 school with school based MDM, the food grain is delivered at school level.</p> <p>(iv) Six schools are found to get good quality food grains and 32 schools are found to receive average quality of food grains under MDM.</p>	
4	<p>REGULARITY IN DELIVERING COOKING COST TO SCHOOL LEVEL:</p> <p>(i) Is school/implementing agency receiving cooking cost in advance regularly? If there is delay in delivering cooking cost what is the extent of delay and reasons for it?</p> <p>(ii) In case of delay, how schools/implementing agency manage to ensure that there is no disruption in the feeding programme?</p> <p>(iv) Is cooking cost paid by Cash or through banking channel?</p>	<p>School level registers, MDM Registers, Head Teacher, School level MDM functionaries, SHG/implementing agency</p>
	<p>i) Thirty two schools are getting the cooking cost in advance regularly. However, 6 schools are receiving it with delay of 7 days- 2 months. The extent of delay in delivering cooking cost is 1-2 months in Rajpur Primary Kanya School No.4. Haripura Ramnagar Primary School, Khareda Primary School, Railwaypura Primary School due to irregularity or non-availability of grant. A delay of 7-15 days was found in Sami primary Boys Pay Centre school and Koita Pay Centre in delivering the cooking cost.</p> <p>ii) The MDM organizer/staff manage to continue with MDM programme using resources from school staff or through community.</p> <p>iii) All the schools are receiving cooking cost by cheque.</p>	

5	SOCIAL EQUITY: (i) Did you observe any gender or caste or community discrimination in cooking or serving or seating arrangements? (ii) What is the system of serving and sitting arrangement for eating?	Observations /Probe/ interaction with the children
	(i) In all the school visited in this district, the MI found no gender, caste, community discrimination in cooking, serving and sitting arrangement. However the boys and girls used to sit in separate rows during MDM serving. (ii) It was noticed by the MI that no students start eating the MDM until all the children are served the food. Once every child is provided with MDM, then only all children start eating together.	
6	VARIETY OF MENU: (i) Has the school displayed its weekly menu at a place noticeable to community, and is it able to adhere to the menu displayed? (ii) Who decided the menu?	Observations and discussion with children teachers, parents, SMC members, Gram Panchayat members and cooks. Obtain a copy of the menu
	(i) In most of the schools (34 schools), the weekly menu was displayed on the notice board. The weekly menu is followed uniformly by all the schools except Ranasanshrest Primary school. However slight variation is noticed because of local need & convenience as well as preference of the children. (ii) Menu is decided by department of MDM Government of Gujarat which is uniform to all the schools in the district.	
7	(i) Is there variety in the food served or is the same food served daily? (ii) Does the daily menu include rice / wheat preparation, dal and vegetables?	Observations and discussion with children teachers, parents, SMC members, Gram Panchayat members and cooks.
	(i) In all the schools visited by MI there is variety in the food served to the children. (ii) In most of the schools(30 schools), Dal and vegetables are not served to children on daily basis.	
8	QUALITY & QUANTITY OF MEAL: Feedback from children on a. Quality of meal: b. Quantity of meal: c. {If children were not happy Please give reasons and suggestions to improve.}	Observations of Investigation during MDM service
	a. Out of 40 visited schools, 36 schools reported to get good quality cooked food and 4 schools were found to be provided with an average quality of cooked food under MDM b. The quantity of food served under MDM is found to be satisfactory as conveyed by the children and teachers in all the schools except Primary School No 6 Kumar Shala. c. Not applicable	

	<p>SUPPLEMENTARY:</p> <p>(i) Is there school health card maintained for each child?</p> <p>(ii) What is the frequency of health check up?</p> <p>(iii) Whether children are given micronutrients (Iron, folic acid, vitamin – A dosage) and de-worming medicine periodically?</p> <p>(iv) Who administers these medicines and at what frequency?</p>	<p>Teachers, Students, School Record, School health card</p>
<p>9</p>	<p>(i) The MI found that 4 schools reported to maintain health cards however, the schools were not found to have any record for the same.</p> <p>(ii) No school in the district is found to organize regular health check up camps for the children.</p> <p>(iii) None of the schools children are given micronutrients (iron, folic acid, vitamin-A dosage) de-worming medicine. However in all the visited schools ‘Bal Bhog’ in the form of a toffee(chocolate) with some nutritional supplement, is given to the children at regular interval.</p> <p>(iv) Not applicable</p>	
<p>10</p>	<p>STATUS OF COOKS:</p> <p>(i) Who cooks and serves the meal? (Cook cum helper appointed by the Department / SMC / PRI / Self Help Group/ NGO / Contractor)</p> <p>(ii) Is the number of cooks and helpers engaged in the school as per GOI norms?</p> <p>(iii) What is remuneration paid to cooks cum helpers and mode of payment?</p> <p>(iv) Are the remuneration paid to cooks/helpers regularly?</p> <p>(v) Social Composition of cooks cum helpers? (SC/ST/OBC/Minority)</p>	<p>Observations and discussion with children teachers, parents, SMC members, Gram Panchayat members and cooks-cum-helpers.</p>
<p>(i) The MI observed that the cooks and helpers cooks and serve the food together. In many schools the school children help the MDM staff in serving the meal.</p> <p>(ii) Cook & helpers are engaged in all the schools as per GOI norms.</p> <p>(iii) All the cook cum helpers are paid their remuneration in cash regularly, however, in few schools their payment get delayed by a week time duration.</p> <p>(iv) Cooks in 29 schools are from OBC, in 1 school from SC, and in 8 schools from general category. Helpers in 24 schools are from OBC, in 5 school from SC, in 3 school from Muslim category and in rest of the schools from general category. Majority of the cook and helpers belongs to OBC category.</p>		

	INFRASTRUCTURE: Is a pucca kitchen shed-cum-store: i) Constructed and in use ii) Scheme under which kitchen sheds constructed – MDM/SSA/Others iii) constructed but not in use (reasons for not using) iv) Under construction v) Sanctioned, but constructed not started vi) Not sanctioned vii) Any other (specify)	School records, discussion with head teacher, teacher, SMC, Gram Panchayat members.
11	i) The MI found that 23 schools have pucca kitchen-cum-store constructed and in use. ii) The kitchen shed are constructed under civil grant in all the schools visited. iii) Five schools are found with pucca kitchen cum store shed ‘constructed and not in use’ category in the district namely Vanraj Nagar Kendra School, Katra Primary School, Kharadharva Primary School, Lalpur Upper Primary School and Khareda Primary School. . iv) None of the school is found with ‘under construction’ category of pucca kitchen cum store. v) Bilia Primary Kanya School is found with ‘sanctioned but construction not started’ category of the pucca kitchen cum store vi) Construction of pucca kitchen cum store is not sanctioned in four schools (Koita Pay Centre, Chamunda Nagar Primary.School, Rajpur Primary Kanya School No.4 and Gumdamaszid Prathmic.Kanya Shala).	
12	In case the pucca kitchen shed is not available, where is the food being cooked and where the food grains /other ingredients being stored?	Discussion with head teacher, teacher, SMC, Gram Panchayat members, Observation
	Five schools are using school campus as alternative place for cooking MDM. One school is using school office and another is using classroom as an alternative place for storing food grains.	
13	Whether potable water is available for cooking and drinking purpose?	-do-
	The MI found that all the schools except 4 schools (Koita Pay Centre, Lalpur Upper Primary School, Sami UPS Kanya Shala –No.2 and Ranasanshrest Primary School) have the potable water facility for cooking and drinking purposes.	
14	Whether utensils are available for cooking food? If, available is it adequate?	Teachers/ Organizer of MDM Programme
	It is found by the MI that in 37 schools cooking utensils are available and adequate for cooking.	
15	What is the kind of fuel used? (Gas based/ firewood etc.)	Observation
	The MI has found that in all (100%) the visited school use fire wood as fuel for cooking MDM.	

	<p>SAFETY & HYGIENE:</p> <p>i. General Impression of the environment, Safety and hygiene:</p> <p>ii. Are children encouraged to wash hands before and after eating</p> <p>iii. Do the children partake meals in an orderly manner?</p> <p>iv. Conservation of water?</p> <p>v. Is the cooking process and storage of fuel safe, not posing any fire hazard?</p>	<p>Observation</p>
<p>16</p>	<p>(i) General Impression of the environment for MDM programme is found to be satisfactory by the MI in many visited schools. The MI found 28 schools used to maintain a good- safety and hygiene and rest of the schools with an average maintenance of safety and hygiene for MDM preparation.</p> <p>(ii) Washing hands before and after eating were found to be there among children from all the visited schools in the district.</p> <p>(iii) In all the schools, the children used to take food in orderly manner.</p> <p>(iv) Water conservation is found to be practiced by children while washing hands and utensils in all visited schools by the MI.</p> <p>(v) The cooking process and storage of fuel is found to be safe from fire hazard in all the schools with individual MDM.</p>	
<p>17</p>	<p>COMMUNITY PARTICIPATION:</p> <p>i) Extent of participation by Parents/ SMCs / Panchayats / Urban bodies in daily supervision, monitoring, participation</p> <p>ii) Is any roster being maintained of the community members for supervision of the MDM?</p>	<p>Discussion with head teacher, teacher, Parents, SMC, Gram Panchayat members</p>
	<p>i) It was found by MI that in 34 schools children's parents and in 28 schools SMCs supervise, monitor & participate in MDM activities on an average once in a month. The extent of participation of the parents was found to be good in 16 schools and average in rest of the schools. Participation of the SMC members was found to be good in 21 schools and average in rest of the schools. Members didn't participate on daily basis In any of the visited school.</p> <p>ii) Among all the visited schools in only 8 schools, a roster being maintained by the community, for MDM supervision.</p>	

18	INSPECTION & SUPERVISION i) Has the mid day meal programme been inspected by any state/district/block level officers/officials? ii) The frequency of such inspection?	School records, discussion with head teacher, teachers, SMC, Gram Panchayat members
	<p>i) The inspection of MDM programme by any state/district/block level officers/officials in this district is found to be prevalent. Inspection/supervision is done by State level officials in 1 school biannually, 2 schools quarterly, 2 schools yearly by Deputy Collector and Staff Officer, etc. Inspection is done by District level officials in 3 schools monthly, in 1 school biannually and in 3 schools on yearly basis by Principal, Mamlatdar & Collector. Inspection/supervision is done by Block level officials in 10 schools monthly, in 2 schools quarterly, in 1 school yearly by Mamlatdar, Nayab Mamlatdar & Collector.</p> <p>ii) The inspection of MDM programme by any state/district/block level officers/officials in this district is found to be there though not regularly.</p>	
19	IMPACT Has the mid day meal improved the enrollment, attendance of children in school, general well being (nutritional status) of children? Is there any other incidental benefit due to serving cooked meal in schools?	School records, discussion with head teacher, teachers, students, SMC, Gram Panchayat members.
	<p>It is reported that the MDM has improved the enrollment, attendance and general health of children in all the schools. The MI found that in 7 of the visited schools the parents, teachers and students opined that the MDM has improved the general health of all the children.</p>	

B. ANY OTHER ISSUES RELEVANT TO MDM IMPLEMENTATION

1. Kitchen and Food storage facility

- In 6 schools the condition of kitchen is good and average in 10 schools. Seven schools have no kitchen facility namely Gumdamasjid Prathmik Kanyashala, Koita Pay Centre, Chamunda Nagar Primary School, Railwaypura Primary School, Rajpurpri Kanya School No.4, Nagar Primary Kanya School No 3 and Bilia Primary Kanya School.
- Seven schools have no storage facility namely Koita Pay Centre, Kharedapri.School, Chamundanagar Primary.School, Ranasanshrest Primary School, Railwaypura Primary School, Kharadharva Primary School, Lalpur Upper Primary School.

2.. Maintenance of storage, kitchen, cooking utensils

Food storage maintenance: The MI observed the storage maintenance to be satisfactory in the district. Twenty six schools are found to have good storage maintenance and 12 schools have average status of food storage maintenance.

Kitchen maintenance: : The MI found that 23 schools have good and 15 schools have average kitchen maintenance.

Cooking utensils maintenance: The cooking utensils maintenance is found to be good with 25 schools and average in 13 schools.

. 3. Opinion of community leaders on MDM programme

Community members found the quantity of the MDM for children at both primary and upper primary level as sufficient. General impression regarding MDM is found to be good in all the visited schools.

4. Awareness regarding MDM

Four schools got to know about MDM through newspaper and rest through School.

5. Problems identified in the district:

- Though the prescribed menu provided by Government of Gujarat consists of dal, wheat, vegetables and rice, it was found by MI that only few schools are providing vegetables and Dals on regular basis. Increasing cost of the vegetables and Dals has made it difficult for the MDM organizer to provide them to the children on daily basis. It was noticed that vegetables are provided on an average once in a week with the dishes like vegetable pulav or similar items and Dals thrice in a week.
- In 3 schools MDM register is not updated. Koita pay centre, Sami primary Boys Paycentre School, and Sami Upper Primary School KanyaShala –No.2.
- In Somnath Nagar Primary School there is a requirement of store room and kitchen condition is also very bad.

Annexure 3.1: Visited School list of Patan District

S. No.	School Name	BRC	CRC
1	Vanrajagar Kendra School	Patan	Vanraj
2	Gumdamaszid Prathmic.Kanya Shala	Patan	Vanraj
3	Mena U. Modi Primary.School	Patan	Vanraj
4	Haripura Ramnagar Primary School	Patan	Shukira
5	Bhagavanpura Primary School	Patan	Bhatsan
6	Koita Pay Centre	Patan	Koita
7	Khareda Primary School	Patan	Bhatsar
8	Samsherpura Primary School	Patan	Nayka
9	Chamundanagar Primary .School	Patan	Bhatsan
10	Gujarvada Primary . School	Sami	Motazoravarpura
11	Jalalabag Primary School	Sami	Motazoravarpura
12	Ranasanshrest Primary School	Chansma	Zilia
13	Jaswantpura Primary School	Harij	Roda
14	Dhinojpri.Kumar School	Chansma	Dhinoj
15	Railwaypura Primary School	Chansma	Dhinoj
16	Kureja Primary School	Harij	Adia
17	Anupam Primary School	Harij	Harij-1
18	Aadarsh Primary School	Harij	Harij-1
19	Lanva Primary Kanya School	Chansma	Lanva
20	Lanva Primary Kumar School	Chansma	Lanva
21	Somnathnagar Primary School	Harij	Harij 2
22	Dhinoj Primary Kanya School	Chansma	Dhinoj
23	Katra Primary School	Harij	Katra
24	Kharadharva Primary School	Chansma	Lanva
25	Sami Primary Boys Paycentre School	Sami	Sami
26	Sami Kanya Prathmic Shala	Sami	Sami
27	Sami UPS Kanya Shala –No.2	Sami	Sami-2
28	Rajpur Primary Kanya School No.4	Sidhhpur	Nagarpalika
29	Rajpur Primary Kumar School No.7	Sidhhpur	Nagarpalika
30	Primary Kumar School No 1	Sidhhpur	Nagarpalika
31	Nagar Primary Kanya School No.2	Sidhhpur	Nagarpalika
32	Nagar Primary Kanya School No 3	Sidhhpur	Nagarpalika
33	Primary School No 6 Kumar Shala	Sidhhpur	Nagarpalika
34	Bilia Primary Kanya School	Sidhhpur	Bilia
35	Nagar Primary School No.1	Sidhhpur	Nagarpalika
36	Bilia Primary Kumar School	Sidhhpur	Bilya
37	Lalpur Upper Primary School	Sidhhpur	Bilya
38	Harij KGBV	Harij	Roda
39	Bhatsan KGBV	Patan	Bhatsan
40	Sami KGBV	Sami	Sami-1

Annexure3.2: Selected photographs of Patan District



Gujravada school



Jalalabag



Menau School



Nagar Prathmik Kanya School



રાણશન પ્રાથમિક કન્યા શાળા નં-૧		કેન્દ્ર નં-૦૩	
મહાનગર લેબોરન યોજનાની અડવાડક મેનુની વિગતો.....			
ક્રમ	અડવાડકોનો નામ/વર્ગ	વાલગી/મેનુ	ધોરણ
			ઘઉં/શાકો
૧	સોજવાર	મુઠીયા શાક/ રોટલી શાક	૧ થી ૫ ૬ થી ૮
૨	મંગળવાર	દાળ-ભાત-શાક	૧ થી ૫ ૬ થી ૮
૩	બુધવાર	રોટલી શાક/ ભાપણી શાક	૧ થી ૫ ૬ થી ૮
૪	ગુરુવાર	ખીચડી શાક	૧ થી ૫ ૬ થી ૮
૫	શુક્રવાર	દાળ-રોટલી/ચેરલા/ ભાત-દાળ	૧ થી ૫ ૬ થી ૮
૬	શનિવાર	રોટલી શાક	૧ થી ૫ ૬ થી ૮



Cooking utensil is not properly maintained

Ranashan Primary School



Bhamasara School







Pilupura School





Children eating home cooked food



Children enjoying their lunch brought from home

Jalila School

काठमाडौं प्र. सेक्टर ३३/३

जलिवा मध्यम विद्यालय

पाठ	वर्ग	आधा	उठोला	लेल	चातगी
सोम		३०	३०	३०	३०
मंगल		३०	३०	३०	३०
बुध		३०	३०	३०	३०
गुरु		३०	३०	३०	३०
शुक्र		३०	३०	३०	३०
शनि		३०	३०	३०	३०
इल		३०	३०	३०	३०

निर्देशिका





Tithi Bhojan



'Tithi Bhojan' served in packets







Recommendations

- In majority of visited schools there is no provision for weighing the food grain therefore the quantity of food served to the children can be questioned. Provision of weighing machine should be considered. The Commissioner & the Officers of MDM have mentioned that the process of such provision has been initiated and it will be provided soon.
- Strict monitoring of MDM stocks at both block and district level is suggested. Updating of MDM register with reference to the utilization of stocks was not found in most of the visited schools. Irregularity of the inspection in majority of the visited school is because of the inadequate staff members. There is severe dearth of officials like deputy collectors & ‘malatdars’ of MDM at district level. To make the MDM scheme more effective, it is important to recruit more officials or fill up the existing vacancies to inspect the scheme.
- Majority of the teachers and principals with few exceptions are not aware of the details like how much quantity is used, stock verification etc. Topics related to MDM can be included as a part of the training curriculum for the teachers.
- Very few schools are providing vegetables and Dal on regular basis. Vegetables being an important source of vitamins and minerals and Dal being good source of protein required for growth and development of children should be provided regularly to them as part of MDM.
- MDM organisers’ salary should be reconsidered as they are putting more time and efforts in managing the MDM unlike cook and helpers. Organisers in all the visited districts are more educated compared to other MDM staffs.
- Provision of MDM dishes should be considered for all school children that can help for more children to avail MDM consumption.
- Kitchen facility was not used in some of the schools due to inadequate space. Use of fire wood as fuels create pollution and suffocate the cooking environment. In such situation the MDM

staffs prefer to use open space for cooking. This point was shared with State Officials by the MI & it was informed that the state government has started working on the provision of cooking gas to all the schools in near future.

- It is instructed by the MDM Officials from the state to the schools that at least one teacher should share the MDM with the children everyday & that can be rotated among the teachers in the same school. This trend can help in improving the quality of the food.
- The MI felt that monitoring mechanism of MDM programme needs to be emphasized at school, block as well as district level.

LIST OF ABBREVIATIONS

BRC	Block Resource Centres
BRCC	Block Resource Centre Coordinator
BRP	Block Resource Person
CD	Community Development
CRC	Cluster Resource Centres
CRCC	Cluster Resource Centre Coordinator
DD	Demand Draft
DEE & L	Department of elementary education and literacy
DI	District Inspector
DISE	District Information System for Education
DPC	District Project Coordinator
DPO	District Programme Office
EE	Elementary Education
GoI	Government of India
GP	Gram Panchayat
HM	Headmaster
ICDS	Integrated Child Development Scheme
MDM	Mid Day Meal
MHRD	Ministry of Human Resource Development
MI	Monitoring Institute
NGO	Non-Governmental Organisation
NPS	New Primary School
NUPS	New Upper Primary School
OBC	Other Backward Communities
PHED	Public Health and Education Department

PRI	Panchayati Raj Institution
PS	Primary School
PTA	Parent Teachers' Association
RD	Rural Development
RP	Resource Person
SC	Schedule Caste
SHG	Self Help Groups
SMC	School Management Committee
SPIESR	Sardar Patel Institute of Economic & Social Research
SPD	State Project Director
SPO	State Project Office
SRG	State Resource Group
SSA	Sarva Shiksha Abhiyan
ST	Scheduled Tribe
ToR	Terms of Reference
UEE	Universalization of Elementary Education
UPS	Upper Primary School
SMC	Village Education Committee

Annexure A: BRC, CRC wise total schools covered in 3 districts

District	Block	CRC	School Covered	
Bhavnagar	Bhavnagar	Ward no 4	3	
		Sidsar	2	
		Bhavnagar-5	3	
	Block Total			8
	Ghogha	Ghogha	4	
		Avnia	1	
		Valukad	5	
	Block Total			10
	Ghadhada	Ghadhada	Dhasa	3
			Gundala	3
			Mandavdhar	2
			Ghadhada	4
	Block Total			12
	Vallabhipur	Vallabhipur-1	Vallabhipur-1	1
			Pachhegam	2
Block Total			3	
Dhola	Dhola	3		
Block Total			3	
Umarala	Umarala	Tinbi	1	
		Dadva	1	
		Umrالا-1	2	
Block Total			4	
District Total			40	
Ahmedabad	Sanand	Changodar	6	
		Kumar school	3	
		Rethal	1	
		Vinchiya	1	
		Goraj	1	
		Block Total		
	Ranpur	Ranpur	Jalila 1	3
			Jalila 2	3
			Hadamtala	2
			Ranpur-2	2
	Block Total			10
	AMC	AMC	Vasna	3
			Paldi	5
	Block Total			8
	Bavla	Bavla	Bhayla	3
Nagar Pri			1	
Bagodara			4	
Bavla			1	
Center Branch			1	
Block Total			10	
District Total			40	
Patan	Patan	Vanraj	3	
		Sankhira	1	

		Nayka	1
		Bhatsan	4
		Koita	1
	Block Total		10
	Sami	Sami-1	3
		Sami-2	1
		Mota Zoravarpura	2
	Block Total		6
	Chansma	Jilia	1
		Dhinoj	3
		Lanva	3
	Block Total		7
	Harij	Harij-1	2
		Harij-2	1
		Roda	2
		Adia	1
		Katra	1
	Block Total		7
	Sidhhpur	Nagarpalika,	7
		Bilia	3
	Block Total		10
District Total			40
Grand Total			120

Annexure B: School details for MDM in visited districts

District	Block	Blockwise schools visited	Type of MDM School based /Centralized
Bhavnagar	Bhavnagar	1+7	1 School based MDM +7 Centralized MDM
	Ghogha	10	School based MDM
	Ghadhada	12	School based MDM
	Vallabhipur	3	School based MDM
	Dhola	3	School based MDM
	Umarala	4	School based MDM
Total		40	
Ahmedabad	Sanand	12	School based MDM
	Ranpur	10	School based MDM
	AMC	8	Centralized MDM
	Bavla	10	School based MDM
Total		40	
Patan	Patan	10	School based MDM
	Sami	6	School based MDM
	Chansma	5+2	5 School based MDM +2 Centralized MDM
	Harij	7	School based MDM
	Sidhhpur	10	School based MDM
Total		40	
Grand Total		120	Centralised MDM = 7+8+2=17 School based MDM = 103