



Fourth Half Yearly Monitoring Report of Sardar Patel Institute of Economic & Social Research on Mid-Day-Meal (MDM) for the State of Gujarat

(1st April, 2012 to 30th September, 2012)

DISTRICTS COVERED

1. Amreli
2. Jamnagar

By

Dr. Tattwamasi Paltasingh



Sardar Patel Institute of Economic & Social Research



સર	વખત
સાંજ	૧૫:૩૦ થી ૧૬:૩૦
રાત્રી	૧૬:૩૦ થી ૧૮:૩૦
પ્રત્યક્ષ	૧૮:૩૦ થી ૧૯:૩૦
શ્રી	૧૯:૩૦ થી ૨૦:૩૦



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Dated: 3rd December, 2012

To,

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Sub: Submission of 4th Half Yearly Monitoring Report of MDM (1st April, 2012 to 30th September, 2012)

Dear Madam,

Kindly find enclosed copy of the 4th Half Yearly Monitoring Report of Sardar Patel Institute of Economic and Social Research (SPIESR), Ahmedabad on MDM for the period 1st April, 2012 to 30th September, 2012)

This report is based on the information collected from 2 districts of Gujarat i.e. Amreli and Jamanagar. 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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Nodal Officer (Monitoring SSA & MDM; Gujarat)
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Preface and Acknowledgement

Every child is provided Mid Day Meal in the school to provide additional nutrition component to the school children. Provision of MDM 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 etc. This monitoring report of Mid Day Meal (MDM) is based on the information collected from two districts of Gujarat – Amreli and Jamanagar. This is the 4th half yearly monitoring report for the period 1st April, 2012 to 31st October, 2012. A number of people have contributed in successful completion of the report. The Block Resource Center Coordinators (BRCCs) of different blocks like Amreli, Liliya, Lathi, Jafarabad and Rajula blocks of Amreli district, Block Resource Center Coordinators (BRCCs) of Jamnagar, Jamkhambhaliya, Jamkalyanpur, Lalpur and Dhrol block of Jamnagar District, Cluster Resource Center Coordinators (CRCCs) of the selected clusters, School Teachers and Principals, all the staff of MDM at different schools visited by the Monitoring Institute have extended their support in data collection. Each of them has spent adequate time to provide relevant information to the monitoring team. It would not have been possible to obtain the field-based information without their co-operation.

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 Dr. Anindita Shukla, Chief consultant, MDM for her support throughout. At state level I am thankful to Mr. Manoj Aggarwal, the Commissioner of MDM & other functionaries in the department for extending their kind support.

At SPIESR Our Chairman Prof. Y.K Alagh has been encouraging & supportive throughout. Director & the support staff have extended their sincere & timely cooperation. I express my sincere thanks to Dr. Renu Tyagi for her involvement throughout, Mrs. Sadgi D. Machhar & other field investigators for the tiring field work & data entry. Mr. K.P Satheesan has patiently formatted the report. I am thankful to the other staff members at our Institute who have contributed in completion of the Report.

(Dr. Tattwamasi Paltasingh)
Associate Professor, SPIESR, Ahmedabad,
Nodal Officer for Monitoring SSA & MDM; Gujarat

General/ First Page Information

**4th HALF YEARLY MONITORING REPORT OF SARDAR PATEL INSTITUTE OF
ECONOMIC & SOCIAL RESEARCH ON MDM FOR THE STATE OF GUJARAT FOR
THE PERIOD OF 1ST April, 2012 TO 30th September, 2012**

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, 2012 to 30 th September, 2012
3.	Fund Released for the period	-
4.	No. of Districts allocated	02 Districts
5.	District names	Amreli and Jamnagar
6.	Date of visit to the Districts / Schools (Information is to be given district wise i.e. District 1, District 2, etc)	Dist.1 Amreli-17/10/12-19/10/12 Dist.II Jamnagar -17/10/12-19/10/12
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, etc.)	District 1 Amreli – 40 (01PS+39UPS) District II Jamnagar - 41 (00PS+41UPS) Total : 81
8.	What percentage of schools covered in all the Districts allotted:	At least 40 schools covered from each district
9.	Type of schools visited	Prescribed categories as mentioned in ToR
10.	Number of schools visited by Nodal Officer of the Monitoring Institute	30 (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 Amreli- Yes District II Jamnagar -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 Amreli- District II Jamnagar -

Introduction & Background Information

The Mid-day Meal Scheme i.e. the school meal programme, initially started during 1960s in India. 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. Due to provision of hot cooked food, children are encouraged to attend school more regularly that can further help them concentrate on classroom activities. The coverage of mid-day meal programmes has been consistently expanding across different states.

Map of Gujarat



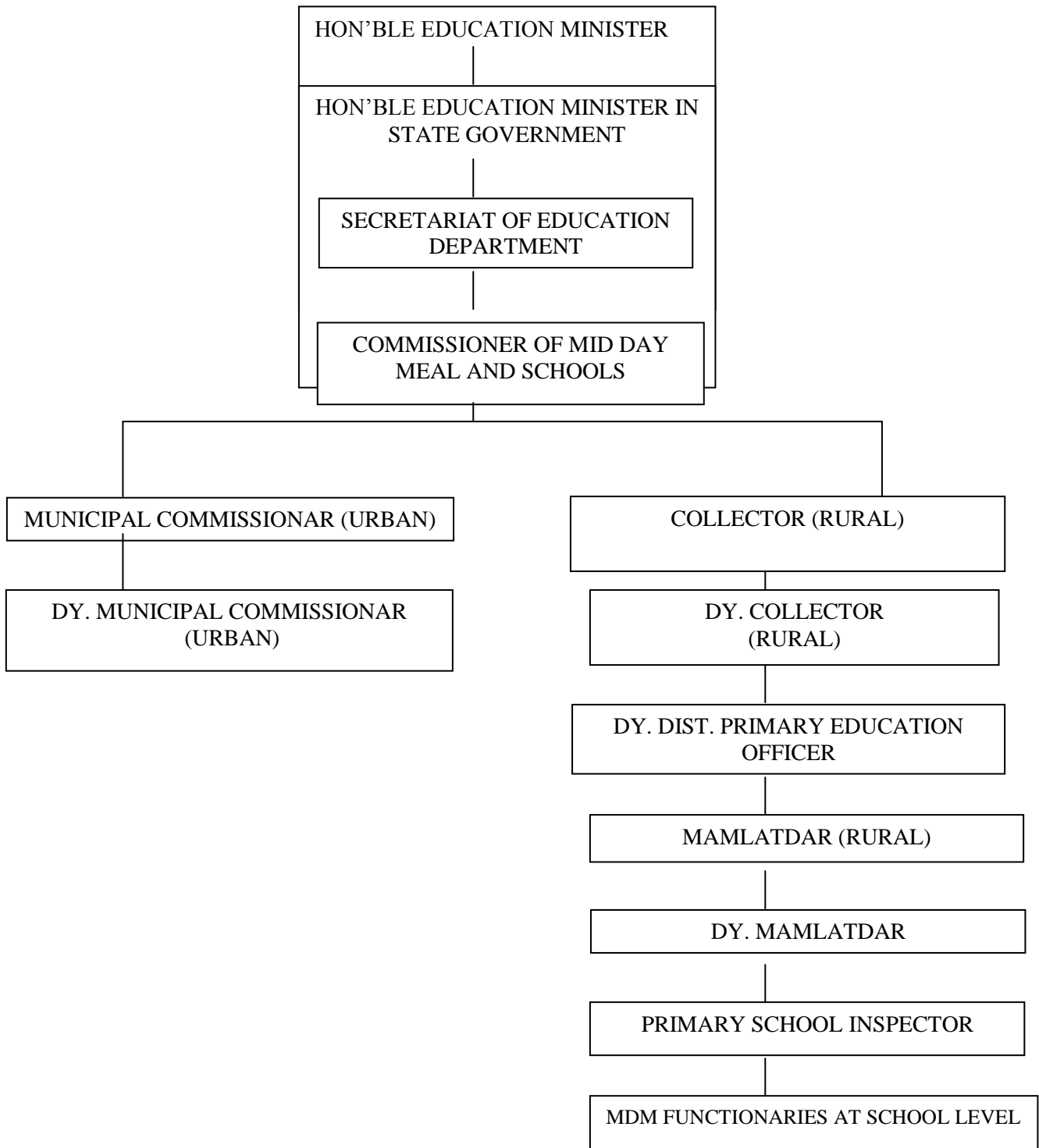
MDM in Gujarat

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 (SMC), 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. Implementation of any development programme is only possible with productive partnership between the central, the state and the local government.

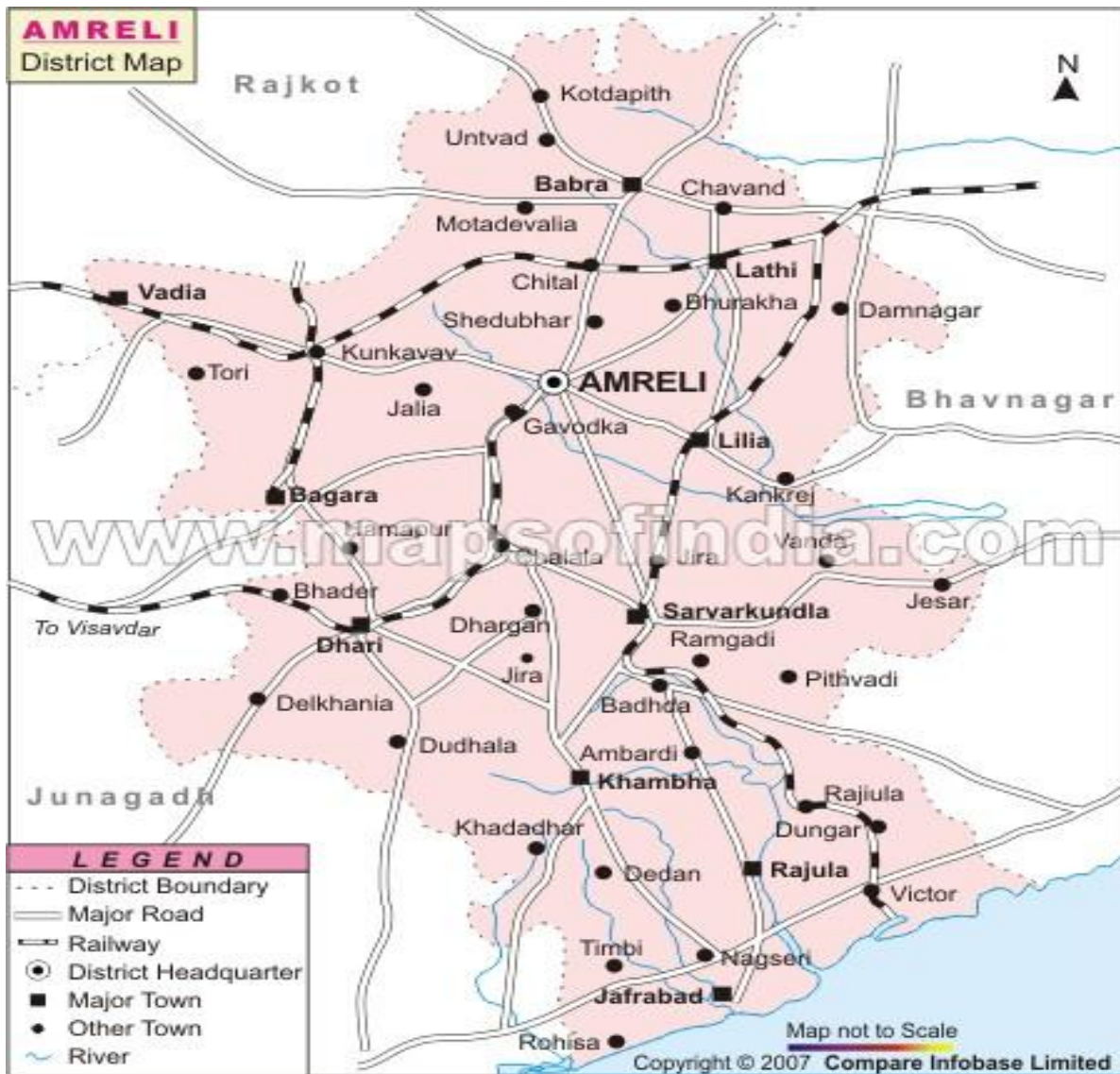
Gujarat is one of the states that had initiated the Mid Day Meal Scheme in 1984. Prior to that only Tamil Nadu had taken this step. To provide nutrition support to the children at primary level, government of Gujarat has introduced mid day meal as a state sponsored programme. The menu for each day has been fixed consulting some nutrition specialists and as per the local food habit of Gujarati people. The menu is followed across all the districts uniformly. In addition, the menu has been decided considering the budget allotted to MDM programme. Introduction of MDM programme has helped many poor students to get hot cooked meal in the school. Introduction of school lunch programme through MDM is also an initiative for better enrolment and retention. Though there is provision of kitchen shed & storage soace in every school, some of the schools are yet to get this facility.

This is the 4th half yearly monitoring report conducted for two districts in Gujarat during the period 1st April, 2012 to 30th September, 2012. Report has been prepared covering different components like regularity in serving meal, trend, regularity in delivering food grains to school level, regularity in delivering cooking cost, social equity, variety of menu, quality & quantity of meal, provision of supplementary nutrition, status of cooks/helpers, infrastructure, potable water, cooking utensils availability, kind of fuel, safety & hygiene, community participation, inspection & supervision & impact. Monitoring and evaluation contributes in identifying 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 to assess the progress of primary education with the intervention of Mid-Day Meal (MDM) scheme.

Organization Structure for MDM at State Level (Gujarat)



District Map of Amreli

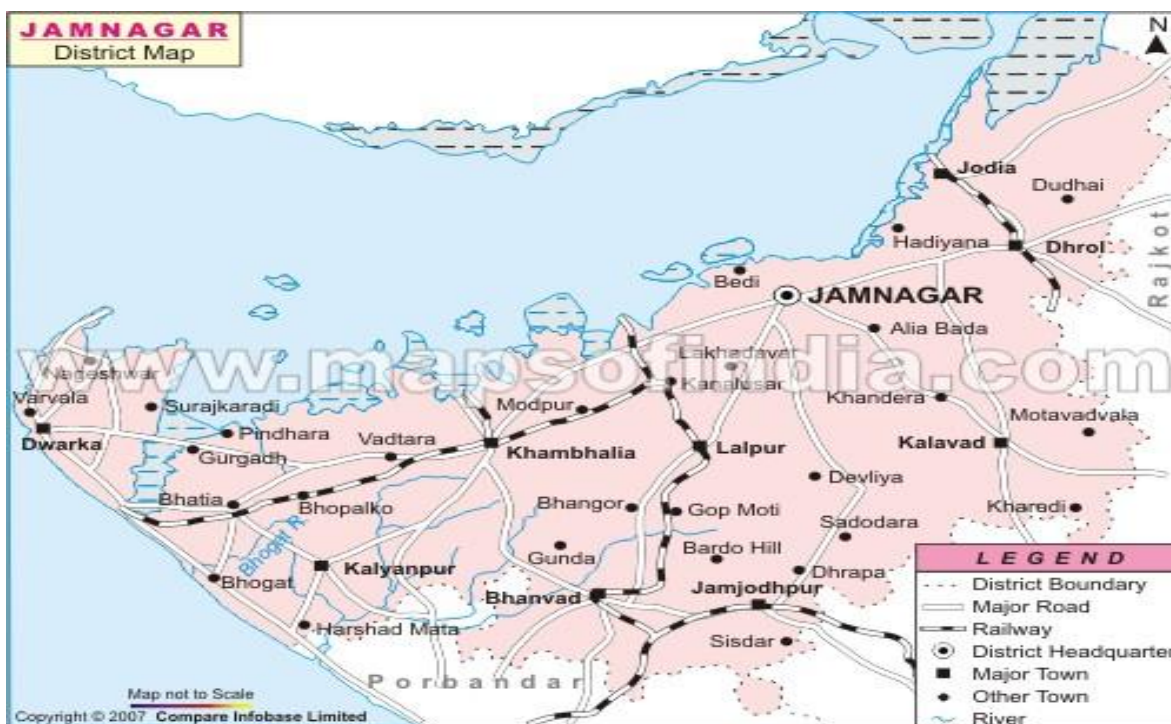


Amreli District: Profile

Amreli district is situated in Saurashtra region in the geographical location consisting of 20.45 to 22.45 northern latitude, and 71.31 to 71.45 of eastern longitude. The total area of the district is 6760 sq. k.m. having 11 blocks namely, Amreli, Babra, Bagsara, Dhari, Jafrabad, Khambha, Kunkavav, Lathi, Liliya, Rajula, S. Kundala. In addition to these blocks there are total 7 municipalities in this district. It covers 3.45 % of land area of the state. The district is bound in north by Rajkot, in the east by Bhavanagar, in south by Arabian ocean and in west by Junagadh district. The percentage of literacy in this district is not satisfactory. The total percentage of literacy is 67.72 % (Census,2001). There is wide gap between male and female literacy rate. The male literacy rate is 77.68% and for female the rate is

57.77 %. In Amreli district, Amreli Block has the highest rank with literacy rate of 79.97% and Jafrabad block indicates the lowest literacy rate i.e. 46.43 % .

District Map of Jamnagar



Jamnagar District: Profile

Jamnagar District includes ten blocks, namely Jamnagar, Lalpur, Jodiya, Dhrol, Bhanvad, Jamjodhpur, Jamkhambhaliya, Dwarka, Jamkalyanpur, Kalavad including 17 towns and 703 villages. Jamnagar district is surrounded by sea on three sides. Majority of population in coastal area belong to Vaghera community mainly engaged in fishing. The total population of the district as per Census 2001 is 19, 04278. It includes 981320 male and 922958 female. The sex ratio is 941. The literacy rate of the district is 66.50% (Census, 2001). The literacy rate of women, backward classes, scheduled caste and OBC are still below the district average. Jamnagar district was formed in 1948. The District occupies 7.21% of the land area of the state. The Total land area of Jamnagar district is 1015215 Hector. The land under agriculture is 59.63% and the forest area is 4.18 %. It is situated to the west of Rajkot district, to the east of Arabian Sea, to the south of the Gulf of Kutch and to the North of Junagadh district, having a long coastline of 355 km. The entire district is situated in the Northern Hemisphere. Jamnagar district has broad gauge Railway Line connecting Okha and Porbander with the rest of the country. The units of the ship breaking industry have been well established at the port Sachana since 1983. Other different

industries of the district are Dye Ammonia Phosphate, Wind Mill, Cargo birth, Reliance and ESSAR's refineries.

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

The districts covered in this report include Amreli and Jamnagar. As per the ToR the breakup 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, 2012 to September, 2012, the MI has selected two districts, i.e. Amreli and Jamnagar 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 mentioned in Annexure A.

Table 1: Schools covered in two districts

Districts covered	Name of Blocks covered with CRCs		No. of schools covered
	Block's Name	Name of the CRCs	
1. Amreli	Amreli	Chakargadh, MSB-1, MSB-2, Keriya Chad, Pratappara, Nanabhandariya	40
	Liliya	Krankach, Liliya , Liliya Kanya , Liliya Kumar , Saladi, Hathigadh, Vagholiya	
	Lathi	Chavand, Lathi, Piplva, Matirala, Damnagar-1, Damnagar-2, Rameshwar	
	Jafarabad	Sagar	
	Rajula	Rajula 1, Rajula-2,	
2. Jamnagar	Jamnagar	Randalnagar, School No.15, School No 27, School No.32	41
	Jamkhambhaliya	Vadatra,	
	Jamkalyanpur	Kalyanpur, Bhatia, Kenedi	
	Lalpur	Nani Rafudad, Kanya Shala Lalpur, Govana, Lalpur	
	Dhrol	Mota Itala, Dhrol-1, Dhrol-2, Soyala,	

EXECUTIVE SUMMARY-DISTRICT : AMRELI

1. Regularity in serving meal:

In all the schools visited by MI, hot cooked food was served without any interruption. In many school MDM is not served food on first Saturday of every month due to teachers training.

2. Trends:

More than 73% children attended the school on the visit day. More than 76% children availed the MDM on the visit day.

3. Regularity in delivering food grains to school level:

All the visited schools are receiving regular food grain supply.

4. Regularity in delivering cooking cost to school level:

Thirty five schools are getting the cooking cost regularly and 3 schools observed a delay of 2-4 months in receiving the cooking cost.

5. Social equity:

In all the visited schools in this district, the MI did not find any gender, caste, community discrimination in cooking, serving and sitting arrangement.

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. Tomato soup is found to be served once in a week as a replacement of dal.

8. Quality & quantity of meal:

Most of the schools (29) are found to receive good quality food grain and in 6 schools quality of food grain was found to be average. The quantity of food served under MDM is found to be adequate as observed by the MI in all the visited schools. However the quantity of dal & vegetable was found to be insufficient.

9. Supplementary:

The MI found that the majority of (33) schools are not maintaining health-card for the children. Medical examinations of the children are conducted by medical officer from nearby PHC once in a year in 35 visited schools. In 10 schools, 'Bal Bhog' in the form of a toffee (candy) is given to the children on monthly basis. Asha workers are providing supplementary nutrition & other medicines in some schools, but not on regular basis.

10. Status of cooks/helpers:

All the MDM staff (organizer, cook & helper) are getting Rs 1000 per month as remuneration in most of the visited schools. However, in ten schools (Jatroda Primary School, Pipalva Pay Center School, Antaliya Primary School, Karkoliya Primary School, Pipalva Primary School, Vagholiya Primary School, Nana Liliya Primary School, Krishnagadh Primary School, Amarapar Primary School and Karankach Kanya Shala) helpers are receiving Rs. 400 as remuneration.

11 & 12. Infrastructure:

The MI found that 29 schools have pucca kitchen-cum-store constructed and in use. Four schools (Nagar Palika Primary Kanya Shala, Jaysingpara Primary School, Vitthalpar Primary School and Pujapadar Primary School) do not have constructed kitchen and food is cooked in class room. In Karankach Kumar Shala kitchen is found in the school but food is cooked at organizer's home. In Krishnagadh Primary school also the food is cooked at organizers home due to damaged condition of the kitchen.

13. Potable water:

The MI found that all the schools have the potable water facility for cooking and drinking except Karankach Kumar Shala.

14. Cooking utensils availability:

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

15. Kind of fuel:

Twenty one schools are using gas as fuel for preparing MDM. Rest of the school are using firewood as cooking fuel.

16. Safety & Hygiene:

General Impression of the environment for MDM programme is found to be satisfactory by the MI. In most of the schools (35 schools), children are encouraged to wash hands before and after eating. In all the schools the children take food in an orderly manner. The cooking process and storage of fuel is found to be safe from fire hazard in 37 visited schools.

17. Community participation:

In none of the visited schools Parents/ SMCs / Panchayats / Urban bodies are found to be participating in monitoring of MDM on daily basis. However SMC members are found to participate in monitoring of MDM.

18. Inspection & supervision:

The frequency of inspection is found to be irregular in many schools. However, MDM inspection is found to be carried out in 9 schools on quarterly basis, in 2 schools on biannual basis and in 2 schools on annual basis.

19. Impact:

The MDM has been reported to improve the enrollment, attendance and general well-being of children in most of the instances. The MI found that in 33 schools the parents, teachers and students opined that the MDM has improved the general well-being of children.

ANY OTHER ISSUE RELATED TO MDM

Problems:

- There are few schools where noticeable difference was found in number of children actually taking the MDM and number recorded in the MDM registers. For instance in Karankach Kanya Shala, Karankach Kumar Shala and Hirana Primary School such difference were noticed. In Karankach Kumar Shala, MDM food is cooked at organizer's home and out of 159 children present in the school on visit day only 28 children were availing MDM while MDM register had shown 80 children availed MDM. Mostly children were eating food brought from home in this school (Photograph attached at the end).
- Differences in salary of MDM staff in 10 schools (Jatroda Primary School, Pipalva Pay Center School, Antaliya Primary School, Karkoliya Primary School, Pipalva Primary School, Vagholiya Primary School, Nana Liliya Primary School, Krishnagadh Primary School, Amarapar Primary School and Karankach Kanya Shala) is found.
- In most of the visited schools, vegetables and Dals are not provided in the MDM on daily basis. In some cases potatoes are added in vegetable pulav. Dal is used in very small quantity and not as per norms by the MDM department.
- Health checkups are not organized by any of the visited school, but the local PHC does the check up on yearly basis. Children are provided vitamin and iron tablets by the PHC & by the Asha workers, but not on regular basis as told by the HM and other teachers.
- In many schools MDM register is not found to be updated in terms of daily students intake of MDM.
- 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. In addition weighing machine is recommended at school level & the food should be weighed in the presence of a responsible teacher. Otherwise the MI could not find any other mechanism at school level that can help providing adequate quantity of food to the children.
- In Karankach Kanya Shala, it was found that, children were serving food and managing MDM on their own. All the MDM staffs were found to be absent while the food was served on visit day.

- Every first Saturday of the month MDM is not served in many schools as teachers are unavailable due to their training.
- In Liliya Girls School complete MDM menu was not displayed.

Strengths:

- In all the schools, every Friday children are served tomato soup with Muthiya (Muthiya is a Gujarati dish prepared with gram flour, wheat flour and bajara flour. It is mixed with cumin seed powder, turmeric powder, with salt and sugar. This mixture is kneaded lightly, rolled and then steamed, fried and served).
- In many visited schools, weekly MDM menu is displayed on the school board and the MDM used to be prepared as per the MDM schedule.
- In Jatroda Primary School, children of standard I-III are provided snacks at 4 pm from local initiative in addition to the MDM provision.
- All school reported that due to nutritional food served under MDM attendance of children improved with better health. It is observed that during MDM all children of different caste and religion sit together without any discrimination that helps the unity among the children.
- Asha worker provides supplementary nutrition and it was noticed in many schools.. In addition Bal bhog is also provided to the children in many schools.
- Padarsing Primary School has kept fire extinguisher for safety measure in the Kitchen.

EXECUTIVE SUMMARY- DISTRICT: JAMNAGAR

1. Regularity in serving meal:

In all the visited schools, hot cooked food is served without any interruption except 3 schools i.e. Kharva Primary School, Rajparwadi Primary School and Railway Station Primary School due to MDM staff unavailability.

2. Trends:

More than 76% children attended the school and more than 86% of the children present on the visit day availed the MDM.

3. Regularity in delivering food grains to school level:

Most of the visited schools (38 schools) are receiving regular food grain supply.

4. Regularity in delivering cooking cost to school level:

Most of the schools are receiving the cooking cost regularly. A delay of 2-5 months in receiving the cooking cost is found in 12 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.

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:

Twenty six schools reported to serve good quality cooked food. In rest of the schools average quality of cooked meal is found. Quantity of food served under MDM is found to be adequate in all the schools.

9. Supplementary:

The MI observed that most of the visited schools (36) are not maintaining health cards for the children. Health checkup of the children are found to be done by doctor from nearby PHC in 36 schools. In some schools children are given medicine as per the requirement during the health camp.

10. Status of cooks/helpers:

All the MDM staff in the schools are paid remuneration of Rs.1000 each i.e.MDM organizer, Cook and Helper. Few exceptions were noticed by MI regarding remuneration of Helper and the cooks. The cooks/helpers are getting remuneration regularly in many schools (29 schools). However, their salary is delayed in 7 schools (Junagagara Primary School, Khyadi Primary School, Barbarzar Primary School, Krishna Nagar Primary School, Shree Harsiddhi Nagar Primary School, Bhatia Kanya Shala and Bhatia Boys School).

11 & 12. Infrastructure:

The MI found that the 19 schools have pucca kitchen cum store constructed and in use whereas 11 schools do not have store room facility with the kitchen. In 9 schools (Bhatia Kanya Shala, Vadatra Vadi Shala No. 6, Taluka Kumar Shala, Shree Vadatra Charuvadi School No. 3, Lalpur Primary School, Variya Primary School, Shree Vadtra Vadi Shala No.5, Haripar Primary School and Jungagara Primary School) pucca kitchen- cum-store constructed but it is not used for either cooking or storing the food grains. In these schools the food is cooked at either organizers home or in an open place.

13 Potable water:

The MI found that 30 visited schools have the potable water facility for cooking and drinking purpose.

14. Cooking utensils availability:

It is found by the MI that 29 schools had adequate utensils for cooking.

15. Kind of fuel:

The MI has found that in 14 visited schools gas is used as cooking fuel and in rest of the schools fire wood is used as cooking fuel.

16. Safety & Hygiene:

General Impression of the environment for MDM programme is found to be satisfactory by the MI in most of the visited schools. Washing hands before and after eating are found to be practiced among children in most of the visited schools. The cooking process and storage of fuel is found to be safe from fire hazard in all the schools except 2 schools.

17. Community participation:

It was found that in most of the schools SMC member participate in MDM activities but not on regular basis. In none of the schools, community members have maintained a roster in school for the MDM supervision.

18. Inspection & supervision:

In 22 schools the inspection is done by Mamlatdar/Deputy Collector/MDM Clerk or MDM inspector on irregular basis, MDM inspection is not conducted in some schools since last one year.

19. Impact:

It is found that the MDM has been found to improve the general well-being, enrollment and attendance of children in most of the visited schools.

ANY OTHER ISSUE RELATED TO MDM**Problems:**

- In 4 schools (Taluka Kumar Shala, Haripar Primary School, Shree Vedatra Vadi Shala No.5 and Junagapara Primary School.) the MDM is found to be cooked at organizer's home and then supplied to the school. The kitchen shed is not available in these schools.
- In Taluka Kumar Shala the MDM menu is not followed and every day khichdi is provided to the children and food stock is kept at organizer's home.
- The MI could find out that MDM staff had not received their remuneration since last three to four months in 7 schools (Junagagara Primary School, Khyadi Primary School, Barbarzar Primary School, Krishna Nagar Primary School, Shree Harsiddhi Nagar Primary School, Bhatia Kanya Shala and Bhatia Boys School).

- In Rajparwadi Primary School and Kharva Primary School, the MDM is not prepared since last 10 days due to absence of MDM organizer. In Railway Station Primary School, the MDM is not served since one year due to some dispute between MDM staff.
- In many schools the gas connection is found to be available. However, due to delayed supply of gas cylinder the food is found to be cooked using firewood in such schools. Some of the MDM staffs have reported that there is shortage & irregularity of gas supply in the schools.
- It is noticed by MI that the helpers are getting less remuneration in 7 schools (Mafatlal Primary School, Shree Vadtra Vadi Shala No.5, Shree Vadatra Charuvadi School No. 3, Taluka Kumar Shala, Vadtra Vadi Shala No.6, Rajparwadi Primary School and Rupavati Primary School).
- In Nani Rafudad Primary School, the MI found poor hygiene during cooking and serving food.

Strengths:

- In most of the visited schools, the dishes are found to be available to serve the MDM to the children.
- In most of the visited schools, weekly MDM is displayed on the school board and the MDM used to be prepared as per the MDM schedule.
- The trend of Tithi Bhojan is found in this district. In Rajparvadi Primary School, on the visit day, SMC had served Teethi Bhojan to the children.
- In ten schools (Vadtra Taluka Shala, Bhatia Kanya Shala, Bhatia Boys Shala, Taluka Kumar Shala, Haripar Vadi Shala, Dhrol Vadi Shala No.2, Krishnanagar Primary School, Khavadi Primary School, Barbarzara Primary School and Rajparvadi Primary School) the MDM dishes are donated by community. While in six schools (Nagar Primary School No.29, Nagar Primary School.No. 51, Lalpur Kanya Shala, Navapura Primary School, Shri Dhrol Vadi No.4, Nagar Primary School No.27) SMC members donated dishes to school for MDM.
- In Rondalnagar Kumar Shala teachers have donated dishes for MDM.
- In Kennadi Boys' School and Kanya Shala Dhrol quarterly visit by the officers from the Mamlatdar office is reported.

Chapter 1

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

(District I: AMRELI)

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

1.1	Name of the District	AMRELI
1.2	Date of visit to the District/EGS/schools	17/10/12 TO 19/10/12
1.3	Tasks	The Monitoring Institute has obtained information on the following areas and included them in the 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, hot cooked food is served without any interruption except 2 schools i.e. Kharva Primary School and Railway Station Primary School since last one year. The reason specified for MDM unavailability is due to some problem of MDM staff and hence state government MDM office has discontinued the MDM in these schools. In many school MDM is not served on first Saturday of every month due to teachers training.																													
2	TRENDS: Extent of variation (As per school records vis-à-vis Actual on the day of visit) <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="width: 10%;">No.</th> <th style="width: 60%;">Details</th> <th style="width: 15%;">N</th> <th style="width: 15%;">%</th> </tr> </thead> <tbody> <tr> <td>i</td> <td>Enrollment</td> <td>10141</td> <td></td> </tr> <tr> <td>ii</td> <td>No. of children opted for MDM</td> <td>6883</td> <td>92.71</td> </tr> <tr> <td>iii</td> <td>No. of children attending the school on the day of visit</td> <td>7424</td> <td>73.21</td> </tr> <tr> <td>iv</td> <td>No. of children availing MDM as per MDM Register</td> <td>5649</td> <td>76.09</td> </tr> <tr> <td>v</td> <td>No. of children actually availing MDM on the day of visit</td> <td>5492</td> <td>73.98</td> </tr> <tr> <td>vi</td> <td>No. of children availed MDM on previous day</td> <td>5391</td> <td>67.16</td> </tr> </tbody> </table> <p><i>Average per school has been calculated out of the total enrolled children in each case.</i></p>	No.	Details	N	%	i	Enrollment	10141		ii	No. of children opted for MDM	6883	92.71	iii	No. of children attending the school on the day of visit	7424	73.21	iv	No. of children availing MDM as per MDM Register	5649	76.09	v	No. of children actually availing MDM on the day of visit	5492	73.98	vi	No. of children availed MDM on previous day	5391	67.16	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	%																											
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	<p>Forty schools are visited in Amreli district. More than 73% children attended the school on the visit day. More than 92% children opted for the MDM on the visit day. However, as per MDM register, more than 76% children are found to have MDM on the visit day. The MI observed that the children not having MDM in the school either bring food from home or go to their homes for food during lunch. All 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 visited schools are getting regular food grain supply.</p> <p>(ii) The buffer stock of one month requirement is maintained in some of the visited schools (06 schools).</p> <p>(iii) In most of the schools (38) the food grain is collected from the nearby ration shop. In 2 schools (Krankach Kanya Shala and Krankach Kumar Shala), the MDM organizer collects the grain from the block office.</p> <p>iv) Most of the schools (29) are found to receive good quality food grain and in 6 schools quality of food grain was found to be average.</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 schools, 35 schools were getting the cooking cost regularly and 3 schools (Antaliya Primary School, Jatroda Primary School and Shri Baharpura Girls School) observed a delay in receiving the cooking cost.</p> <p>(ii) The MDM organizer/staff manage to ensure no disruption in the implementation of MDM using their own resources or with the support of school staff.</p> <p>(iv) Cooking cost is paid through banking channel in all the visited schools.</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 seating arrangement for eating?</p>	<p>Observations /Probe/ interaction with the children</p>
5	<p>(i) In all the visited schools in this district, the MI found no gender, caste, community discrimination in cooking, serving and sitting arrangement. However in many schools the boys and girls used to sit in separate rows while the MDM is served because of their comfort level. In most of the visited schools this trend is followed.</p> <p>(ii) In most of the schools, the students sit in rows in the school verandah during lunch break. Some of the senior class students assist the helper to serve the MDM to children. In all the schools, students are found to eat the MDM together.</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>Observations and discussion with children teachers, parents, SMC members, Gram Panchayat members and cooks. Obtain a copy of the menu</p>
	<p>(i) In all the schools visited by MI, the weekly menu is displayed. Only in Krishnagadh Primary school menu was kept in the file and in the Jaysingpara Primary School the MDM menu was displayed in the principal office. Most of the schools are preparing the MDM as per MDM menu displayed. However slight variation is noticed because of local need 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>(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>Observations and discussion with children teachers, parents, SMC members, Gram Panchayat members and cooks.</p>
7	<p>(i) In all the schools visited by MI, there is variety in the food served to the children. In some schools tomato soup is found to be served to the children once in a week.</p> <p>(ii) Rice /wheat and Dal are given to children daily in all the schools. However, few schools (3) were not serving vegetable regularly while 35 schools served vegetable to children on daily basis.</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. As observed by the MI, all schools are found to serve good quality food.</p> <p>b. The quantity of food served under MDM is found to be adequate as observed by the monitoring team in all the visited schools. Children of all the visited school were satisfied with the quality and quantity of food. However, it is observed by the MI that the quantity of dal & vegetable used in MDM preparation is insufficient.</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>vi) 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>vi) The MI found that most of the schools (33 schools) do not maintain health card for all the children of the school.</p> <p>(ii) Most of the schools (35) in the district are found to have health camps for the children organized by the local PHC. Only three schools, Vagholiya Primary School, Mota Asardiya Primary school, and Shree Baharpura Girls School did not have such health camp for school children. The medical examination of the children is done by medical officer from nearby PHC. Height, weight, blood group and dental examination are conducted in most of the schools during this health camp. Need based medicines are also administered to the children during the check-up. The health checkup is found to be conducted once in a year or six month basis in most of the visited schools.</p> <p>(iii) Children are given micronutrients (iron, folic acid, vitamin-A dosage) de-worming medicine in few schools. Asha workers are providing supplementary nutrition & other medicines in some schools, but not on regular basis. In 10 schools, 'Bal Bhog' in the form of a toffee (candy) is given to the children on monthly basis. This is a nutritional supplement introduced by the Government of Gujarat.</p>	
10	<p>STATUS OF COOKS:</p> <p>vi) 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>vi) The MI observed that the cook cum helper cooks and serves the meal. In majority of the visited schools children from the senior standards help the MDM staff in serving the meal.</p> <p>(ii) The Cook/helpers are appointed by “Mamlatdar”. The number of appointed cook & helpers in the school is as per GoI norms.</p> <p>vi) Mostly all the MDM staff (organizer, cook & helper) is getting Rs 1000 per month as remuneration. However, in ten schools (Jatroda Primary School, Pipalva Pay Center School, Antaliya Primary School, Karkoliya Primary School, Pipalva Primary School, Vagholiya Primary School, Nana Liliya Primary School, Krishnagadh Primary School, Amarapar Primary School and Karankach Kanya Shala) helpers are receiving Rs. 400 as remuneration.</p> <p>(v) The remuneration to cooks/helpers is paid regularly in majority of the visited schools. However, in 8 schools (Shree Baharpura Girls School, Sanghvi Primary School, Mota Asardiya Primary School, Saladi Primary School, Krankach Kumar Shala, Krankach Kanya Shala) salary is not found to be paid regularly. Mismanagement and absence of accountant are reported to be the main reasons for irregular payment.</p> <p>(vi) There is variation in social composition of cook cum helpers. In majority of schools (23) the cooks and helpers belong to OBC category.</p>		
11	<table border="1"> <tr> <td> <p>INFRASTRUCTURE: Is a pucca kitchen shed-cum-store:</p> <p>vi) 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>vi) Sanctioned, but construction not started</p> <p>vi) Not sanctioned</p> <p>vii) Any other (specify)</p> </td> <td> <p>School records, discussion with head teacher, teacher, SMC, Gram Panchayat members.</p> </td> </tr> </table>	<p>INFRASTRUCTURE: Is a pucca kitchen shed-cum-store:</p> <p>vi) 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>vi) 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>
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	<p>(i) The MI found that 29 schools have pucca kitchen-cum-store constructed and in use. Three schools (Luvariya Primary School, Nagarpalika Primary Kanya Shala, Jayshingpara Primary School) do not have constructed kitchen.</p> <p>(ii) The kitchen shed are constructed under civil grant from SSA in all the schools.</p> <p>(iii) Two schools have kitchen constructed but it is not used for cooking.</p> <p>(iv) Two schools are found under construction' category of pucca kitchen cum store.</p> <p>vi) Pujapadar Upper Primary School is found with 'sanctioned but construction not started' category for the pucca kitchen cum store.</p> <p>vi) Luvariya Primary School is found under the category, 'Not sanctioned' pucca kitchen cum store.</p> <p>(vii) In Krishnagadh Primary School the MDM is cooked at organizers home.</p>	
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
	It is found by MI that the pucca kitchen shed is not available in 3 schools (Luvariya Primary School, Nagarpalika Primary Kanya Shala and Jayshingpara Primary School).	
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 purpose except one school i.e. Karankach Kumar Shala.	
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 have adequate utensils for cooking purpose.	
15	What is the kind of fuel used? (Gas based/ firewood etc.)	Observation
	Twenty one schools are using gas as fuel for preparing MDM. Rest of the school are using firewood as cooking fuel. However in many instances the gas approval has been done but it has not been supplied to the schools due to shortage of gas cylinders.	
16	SAFETY & HYGIENE:	Observation
	<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>i. General Impression of the environment for MDM programme is found to be satisfactory in most of the visited schools.</p> <p>ii. In most of the schools (35 schools), children are encouraged to wash hands before and after eating.</p> <p>iii. In all the schools the children take food in an orderly manner. However, in Paldi Primary School the children sit and eat in groups.</p> <p>iv. Water conservation is found to be practiced by children while washing hands and utensils in few visited schools.</p> <p>v. The cooking process and storage of fuel is found to be safe from fire hazard in 37 visited schools.</p>	
17	<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>i) In none of the visited schools Parents/ SMCs / Panchayats / Urban bodies are found to be participating in supervision, monitoring of MDM on daily basis. However SMC members are found to participate in monitoring in many schools. In 11 schools no participation of SMC members is found. In many schools parents used to monitor the MDM on monthly basis.</p> <p>ii) In none of the school, community members have maintained a roster for the MDM supervision.</p>	<p>Discussion with head teacher, teacher, Parents, SMC, Gram Panchayat members</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>i) 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. In 27 schools inspection has been conducted however, in 11 schools no inspection has been done so far.</p> <p>ii) The frequency of such inspection is found to be irregular. However, MDM inspection is found to be carried out in 9 schools on quarterly basis, 2 schools on biannual basis and in 2 schools on annual basis.</p>	<p>School records, discussion with head teacher, teachers, SMC, Gram Panchayat members</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>Based on the observation and discussion in the visited schools, it is found that the MDM has improved the enrollment as well as attendance of children in most of the instances. In 2 schools (Luvariya Primary School and Shri Baharpara Primary School) children are regularly attending the school due to MDM. It may not be the only reason for higher enrolment, but certainly one of the important reasons. The MI found that in most of the visited schools the parents, teachers and students opined that the MDM has improved the general well-being of children.</p>	

B. ANY OTHER ISSUES RELEVANT TO MDM IMPLEMENTATION

Problems:

- In few schools noticeable difference was found in number of children actually taking the MDM and number recorded in the MDM registers. For instance in Karankach Kanya Shala, Karankach Kumar Shala and Hirana Primary School. In Karankach Kumar Shala, MDM food is cooked at organizer’s home and out of 159 children present in the school on visit day only 28 children were availing MDM while MDM register had shown 80 children availed MDM. Mostly children were eating food brought from home in this school (Photograph attached at the end).
- Differences in salary of MDM staff in 10 schools (Jatroda Primary School, Pipalva Pay Center School, Antaliya Primary School, Karkoliya Primary School, Pipalva Primary School, Vagholiya Primary School, Nana Liliya Primary School, Krishnagadh Primary School, Amarapar Primary School and Karankach Kanya Shala) is found.
- In most of the visited schools, vegetables and Dals are not provided in the MDM on daily basis. In some cases potatoes are added in vegetable pulav. Dal is used in very small quantity and not as per norms by the MDM department.
- Health checkups are not organized by any of the visited school, but the local PHC does the check up on yearly basis. Children are provided vitamin and iron tablets by the PHC & by the Asha workers, but not on regular basis as told by the HM and other teachers.
- In many schools MDM register is not found to be updated in terms of daily students intake of MDM.

- 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. In addition weighing machine is recommended at school level & the food should be weighed in the presence of a responsible teacher. Otherwise the MI could not find any other mechanism at school level that can help providing adequate quantity of food to the children.
- In Karankach Kanya Shala, it was found that, children were serving food and managing MDM on their own. All the MDM staffs were found to be absent while the food was served on visit day.
- Every first Saturday of the month MDM is not served in many schools as teachers are unavailable due to their training.
- In Liliya Girls School complete MDM menu was not displayed.

Strengths:

- In all the schools, every Friday children are served tomato soup with Muthiya (Muthiya is a Gujarati dish prepared with gram flour, wheat flour and bajara flour. It is mixed with cumin seed powder, turmeric powder, with salt and sugar. This mixture is kneaded lightly, rolled and then steamed, fried and served).
- In many visited schools, weekly MDM menu is displayed on the school board and the MDM used to be prepared as per the MDM schedule.
- In Jatroda Primary School, children of standard I-III are provided snacks at 4 pm from local initiative in addition to the MDM provision.
- All school reported that due to nutritional food served under MDM attendance of children improved. It is observed that during MDM all children of different caste and religion sit together without any discrimination that helps the unity among the children.
- Asha worker provides supplementary nutrition and it was noticed in many schools. In addition bal bhog is also provided to the children in many schools.
- Padarsing Primary School has kept fire extinguisher for safety measure in the Kitchen.

Annexure 1.1: Visited School list of Amreli District

S.No.	School Name	DISE Code	BRC	CRC
1	Krankach Kumar Shala	24130902101	Liliya	Krankach
2	Krankach Kanya Shala	24130902102	Liliya	Krankach
3	Liliya Boys School	24130902301	Liliya	Liliya
4	Liliya Girls School	24130902401	Liliya	Liliya
5	Gotavadar Primary School	24130901101	Liliya	Saladi
6	Saladi Primary School	24130903201	Liliya	Saladi
7	Pujapadar Primary School	24130903001	Liliya	Liliya Kumar
8	Nana Liliya Primary School	24130902401	Liliya	Liliya Kanya
9	Jatroda Primary School	24130901601	Liliya	Liliya
10	Mota Asardiya Primary School	24130100201	Liliya	Liliya Kanya
11	Piplva Primary School	24130902801	Liliya	Liliya Kanya
12	Antaliya Primary School	24130900201	Liliya	Hathigadh
13	Vagholiya Primary School	24130903701	Liliya	Vagholiya
14	Lalavadar Primary School	24130103501	Amreli	Chakargadh
15	Fatepur Primary School	24130101801	Amreli	Chakargadh
16	Rokadiya Hanuman Primary Shala	24130100212	Amreli	Chakargadh
17	Amarpur Primary School	24030100101	Amreli	Nanabhandariya
18	Nagarpalika Primary Kanya Shala	24130100202	Amreli	MSB-1
19	Jayshing Para Primary School	24130100215	Amreli	MSB-1
20	Manekpara Primary School	24130100216	Amreli	MSB-2
21	BaharPara Kanya Shala	24130100257	Amreli	MSB-2
22	Bakshipur Primary School	24130103501	Amreli	Pratappara
23	Pratappara Primary School	24130100242	Amreli	Pratappara
24	Vithalpur Primary School	24130107101	Amreli	Keriyachad
25	Karkoliya Primary School	24130802601	Lathi	Chavand
26	Hirana Upper Primary School	24130802201	Lathi	Chavand
27	Pipalva Pay Center School	24130803901	Lathi	Piplva
28	Luvariya Primary School	24130803004	Lathi	Lathi
29	Rameshvar Primary School	24130803003	Lathi	Lathi
30	Lathi Kanya Shala	24130803002	Lathi	Lathi
31	Luvariya Plot Primary School	24130803102	Lathi	Lathi
32	Krishnagadh Upper Primary School	24130802901	Lathi	Matirala
33	Damnagar Kanya Shala	24130801303	Lathi	Damnagar
34	Damnagar -2 Upper Primary School	24130801304	Lathi	Damnagar-2
35	Padarsing Upper Primary School	24130803801	Lathi	Damnagar
36	Rampar Upper Primary School	24130804401	Lathi	Rameshwar
37	Sanghvi Upper Primary School	24131005607	Rajula	Rajula
38	Vadnasagar Upper Primary School	24131000201	Rajula	Rajula
39	KGBV, Zafrabad	24130501614	Zafrabad	Sagarsala
40	KGBV, Rajula	NA	Rajula	Rajula-1

Annexure 1.2 Selected photographs of Amreli District

સલડી પં. શાળા. સંચાલક: ભદ્ર. ઉચા બહેન એન.

વાનગી મેનુ તા.લીલીયા જી. અમરેલી

રસોયા મહેતા દયાબહેન જી. મ.લ.ચો. ઉંમર ૩૬

હેલ્પર શીલુ રકુબાબહેન બી.

ક્રમ	વાર	આઈટમ	ધોરણ	પ્રતિ	સામગ્રી	કોળ	તેલ	શાક	ફળ
૧	સોમ	લાપચી - દાળ-સાકુ ગીરો-દાળ-શાક	૧ થી ૫	૨૦૦	૨૫૦	૨૦	૨૦	૫૦	૨૦૦
૨	મંગળ	દાળ-ભાત-શાક અથવા ભાત-ધીરો-સાકુ દાળ-જીરો	૧ થી ૫	૨૦૦	૨૫૦	૨૦	૨૦	૫૦	૨૦૦
૩	બુધ	દાળ-કોડુનો-સાકાડ અથવા ચાપલા - શાક	૧ થી ૫	૨૦૦	૨૫૦	૨૦	૨૦	૫૦	૨૦૦
૪	ગુરુ	ખીચડી-શાક વગેરે, ખીચડી અથવા પુરી	૧ થી ૫	૨૦૦	૨૫૦	૨૦	૨૦	૫૦	૨૦૦
૫	શુક્ર	મુંઠીયા-કોડુનો-સાકુ અથવા ચાપલા	૧ થી ૫	૨૦૦	૨૫૦	૨૦	૨૦	૫૦	૨૦૦
૬	શનિ	પુલાવ-ભાત-કઠો અથવા ભોટ-મી.લીલીયા કોથપોર નો ઉપયોગ	૧ થી ૫	૨૦૦	૨૫૦	૨૦	૨૦	૫૦	૨૦૦

Complete MDM menu in Saldi Primary School

કુલકુયા-૩ માહુકપરા તા. શાળા-અમરેલી

મહેતાકુબા ભોજન વેજનમ સંચાલક મેનુ બી. ભોજન

ક્રમ	વાર	મેનુ	ધોરણ	પ્રતિ	સામગ્રી	કોળ	તેલ	શાક	ફળ
૧	સોમ	લાપચી / શાક / દાળ	૧ થી ૫	૨૦૦	૨૫૦	૨૦	૨૦	૫૦	૨૦૦
૨	મંગળ	ભાત / શાક / દાળ	૧ થી ૫	૨૦૦	૨૫૦	૨૦	૨૦	૫૦	૨૦૦
૩	બુધ	દાળ કોડુનો / સાકાડ	૧ થી ૫	૨૦૦	૨૫૦	૨૦	૨૦	૫૦	૨૦૦
૪	ગુરુ	ખીચડી / શાક	૧ થી ૫	૨૦૦	૨૫૦	૨૦	૨૦	૫૦	૨૦૦
૫	શુક્ર	મુંઠીયા કોડુનો / ચાપલા	૧ થી ૫	૨૦૦	૨૫૦	૨૦	૨૦	૫૦	૨૦૦
૬	શનિ	વેજ. પુલાવ ભાત / કઠો.	૧ થી ૫	૨૦૦	૨૫૦	૨૦	૨૦	૫૦	૨૦૦

Complete MDM menu in Manekpara Primary School



MDM menu and staff details displayed in Damnagar Primary School



Food grain storage in Gotadhar Primary School



Food grain storage in Saldi Primary School



Use of a classroom for food grain storage at Jesing Para Primary School



Food grain displayed at Nagar Prathmik Kanya Shala No.1



Preparation of MDM in Damnagar Girls' Primary School



LPG used as cooking fuel in Jesing Para Primary School



LPG used as cooking fuel in BaharPara Primary School



Firewood kept for MDM in Krishan Garh Primary School



Firewood for MDM in Rampar Primary School



Kitchen with storage at Lalwadar Primary School



MDM ready to be served at Baharpara Primary School



Muthia & tamato soup at Kanya Primary School



Children washing MDM dish at Mota Agariya Primary School with minimum water.



Tithi Bhojan at Mota Agariya Primary School



MDM at Manek Para Primary School



Children sitting on concrete and having MDM in Pratappura Primary School



Senior students helping MDM staff in serving at Vithalpur Primary School



Senior students helping MDM staff in serving the MDM at Pipalva Primary School



Children having MDM in an orderly manner at Jesing Para Primary School



Children having MDM in an orderly manner at Nagar Prathmik Kanya Shala No.1



Children having MDM under tree on the floor in Amarpur Primary School



Food is consumed by staff & children brought from Home in Krankach Kumar Shala



Children having food brought from Home in Krankach Kumar Shala

Chapter 2

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

(District II: JAMNAGAR)

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

2.1	Name of the District	JAMNAGAR
2.2	Date of visit to the District/ EGS/ schools	17/10/12-19/10/12
2.3	Tasks	The Monitoring Institute has obtained information on the following areas and included them in the report.

A. AT SCHOOL LEVEL

1	<p>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?</p>	<p>Students, Teachers & Parents and MDM register</p>																												
	<p>In all the school in Jamnagar district, hot cooked food is served without any interruption. In Rajpurwadi Primary School and Kharva Primary School, the MDM activity was disturbed for 10 days due to absence of organizer. In Railway Station Primary School the MDM is discontinued since last one year by the MDM office due to some dispute between MDM staff.</p>																													
2	<p>TRENDS: Extent of variation (As per school records vis-à-vis Actual on the day of visit)</p> <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: 10%;">N</th> <th style="width: 10%;">%</th> </tr> </thead> <tbody> <tr> <td>i</td> <td>Enrollment</td> <td style="text-align: center;">9405</td> <td></td> </tr> <tr> <td>ii</td> <td>No. of children opted for MDM</td> <td style="text-align: center;">5841</td> <td style="text-align: center;">62.10</td> </tr> <tr> <td>iii</td> <td>No. of children attending the school on the day of visit</td> <td style="text-align: center;">7143</td> <td style="text-align: center;">75.95</td> </tr> <tr> <td>iv</td> <td>No. of children availing MDM as per MDM Register</td> <td style="text-align: center;">6195</td> <td style="text-align: center;">86.73</td> </tr> <tr> <td>v</td> <td>No. of children actually availing MDM on the day of visit</td> <td style="text-align: center;">5477</td> <td style="text-align: center;">76.67</td> </tr> <tr> <td>vi</td> <td>No. of children availed MDM on previous day</td> <td style="text-align: center;">3644</td> <td style="text-align: center;">71.32</td> </tr> </tbody> </table> <p><i>Average per school has been calculated out of the total enrolled children in each case.</i></p>	No.	Details	N	%	i	Enrollment	9405		ii	No. of children opted for MDM	5841	62.10	iii	No. of children attending the school on the day of visit	7143	75.95	iv	No. of children availing MDM as per MDM Register	6195	86.73	v	No. of children actually availing MDM on the day of visit	5477	76.67	vi	No. of children availed MDM on previous day	3644	71.32	<p>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</p>
No.	Details	N	%																											
i	Enrollment	9405																												
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vi	No. of children availed MDM on previous day	3644	71.32																											

	<p>About seventy six percent children attended the school on the visit day. More than 86% of the children availed the MDM as per the MDM register whereas actually about 77 % children availed the MDM on the visit day. The MI observed that the children not having MDM in the school either bring food from home or go to their respective homes for taking food during lunch break. All the visited schools have school based MDM programme.</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) Most of the visited schools (38 schools) are getting regular food grain supply without any delay.</p> <p>(ii) Buffer stock of one month is maintained in most of the schools except 1 school (Bhatia Boys School).</p> <p>(iii) Twenty seven schools get food grain delivery at the school. While, in 14 schools the MDM organizer collects the grain from the ration shop in all visited schools.</p> <p>(iv) Quality of food grain was found to be good in twenty six schools and average in rest of others schools.</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) Twenty six schools are getting the cooking cost regularly. Delay of 2-5 months in receiving advance cooking cost is found in 12 of the visited schools. The reason for delay specified to MI were, delay from Mamlatdar office, delay from MDM office, and transfer of officer etc.</p> <p>(ii) The MDM organizer manage to continue MDM programme using school staff contribution and community mobilization or through sources from school in few instances.</p> <p>(iii) All schools are receiving cooking cost through banking channel.</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 seating arrangement for eating?</p>	<p>Observations /Probe/ interaction with the children</p>
5	<p>(i) No gender, caste, community discrimination is found 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 different visited schools. As communicated by the teachers this trend in many schools are followed because of the preference of the children due to their comfort level.</p> <p>(ii) Senior class students assist the MDM helpers to serve the MDM to the children. It is noticed by the MI that all students eat the MDM together when all of them are served the food.</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>Observations and discussion with children teachers, parents, SMC members, Gram Panchayat members and cooks. Obtain a copy of the menu</p>
	<p>(i) In most of the schools the weekly menu is displayed on notice board or near kitchen while 10 schools could not display menu on notice board due to non-availability of boards. The menu is displayed either near school notice board or near kitchen. All the schools are preparing the MDM as per MDM menu displayed on the school board. But few schools are not preparing food as per menu due to students request or non-availability of required grain. The MDM organizers in these schools have not updated the display board on daily basis with the change in their menu.</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	<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>Observations and discussion with children teachers, parents, SMC members, Gram Panchayat members and cooks.</p>
	<p>(i) In all the schools visited by MI, there is variety in the food served to the children.</p> <p>(ii) More than 32 schools served Rice /wheat and Dal daily to children. While, 29 schools served vegetable daily but 10 schools could not include vegetable daily in their menu because of high cost of vegetable like Kanya Shala, Dhrol.</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 & suggestions to improve.}</p>	<p>Observations of Investigation during MDM service</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) As per the information received from the school 22 schools maintained health cards of children while rest of the schools could not maintain any health data of the school children.</p> <p>(ii) In 36 schools health camps were organized by the local PHC on yearly basis. In three schools (Mafatlal Primary School, Kharwa Primary School and Junagagara Primary School) no health checkup were organized for the children. Mostly, health checkup is found to be done by doctor from nearby PHC. Some physical and dental examinations are done during the checkup. In all the schools medical checkups organized in the school premises.</p> <p>(iii) In few visited schools children are given micronutrients (iron, folic acid, vitamin-A dosage or normal medicine) medicine as per the requirement. In 11 schools, ‘Bal Bhog’ in the form of a toffee (candy) is given to the children occasionally.</p> <p>(iv) Need based medicines are administered to the children during the checkup, and provided to children as per requirements in few schools.</p>		

	STATUS OF COOKS: (i) Who cooks and serves the meal? (Cook cum helper appointed by the Department/SMC / PRI / Self Help Group/ NGO/Contractor) (ii) Is the number of cooks and helpers engaged in the school as per GoI norms? (iii) What is remuneration paid to cooks cum helpers and mode of payment? (iv) Are the remuneration paid to cooks/ helpers regularly? (v) Social Composition of cooks cum helpers? (SC/ST/OBC/Minority)	Observations and discussion with children teachers, parents, SMC members, Gram Panchayat members & cooks-cum-helpers.
10	(i) The MI observed that the cook cum helper cooks and serves the meal. In majority of the visited schools children from the senior standards help the MDM staff in serving the meal. (ii) The Cook/helpers are appointed by “Mamlatdar”. The number of appointed cook & helpers in the school is as per GOI norms. (iii) All the MDM staff in the schools are paid remuneration of Rs.1000 each i.e. MDM organizer, Cook and Helper. Few exceptions were noticed by MI Where cook or helper are getting Rs 400 per month as remuneration in 6 schools (Mafatlal Primary School, Shree Vadtra Vadi Shala No.5, Shree Vadatra Charuvadi School No. 3, Taluka Kumar Shala, Vadtra Vadi Shala No.6 and Rajparwadi Primary School). (iv) The cooks/helpers are getting remuneration regularly in most of the schools (29 schools). However, their salary is delayed in 8 schools viz. Krishna Nagar Primary School, Shree Harisidhhi Nagar Primary School, Bhatia Kanya Shala, Bhatia Boys School, Khvadi Primary School, Barbarzara Primary School, and Junagagara Primary School experienced delay in receiving salary. (v) Social composition of cook cum helper is found to be different. In 17 schools the cooks belong to OBC category, in 10 schools General category, in 4 schools ST/SC category, and in 1 school minority category. In 14 schools the helper belongs to OBC category, in 3 schools ST/SC category, in 11 schools of General category and in 1 school minority category.	

	<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/Others</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>
<p>11</p>	<p>(i) The MI found that the 19 schools have pucca kitchen-cum-store constructed and in use whereas 11 schools do not have store room facility with the kitchen.</p> <p>(ii) The kitchen shed are constructed under civil grant from SSA in all the schools.</p> <p>(iii) In 9 schools pucca kitchen- cum-store constructed but it is not used for either cooking or storing the food grains.</p> <p>iv) Only one Kennadi Boys School found with ‘under construction’ status of pucca kitchen cum store, the school is using alternate shed for cooking MDM.</p> <p>v) No school is found with ‘sanctioned but construction not started’ status of the pucca kitchen cum store.</p> <p>vi) In 4 schools, (Nagar Primary School.No.51, Navapura Primary School, Mafatlal Primary School, Junagagara Primary School) construction of pucca kitchen cum store is not sanctioned.</p>	
<p>12</p>	<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>
<p>In 9 schools (Bhatia Kanya Shala, Vadatra Vadi Shala No. 6, Taluka Kumar Shala, Shree Vadatra Charuvadi School No. 3, Lalpur Primary School, Variya Primary School, Shree Vadtra Vadi Shala No.5, Haripar Primary School and Junagagara Primary School) the food is either cooked at organizers/cooks home or in open space. The reasons for the same are non-availability of kitchen and mismanagement etc. They store food grain in class room or corridor of the school.</p>		

13	Whether potable water is available for cooking and drinking purpose?	-do- <p>The MI found that 30 visited schools have the potable water facility for cooking and drinking purpose while 8 schools(Vadatra Vadi Shala No. 6, Shree Harsiddhi Nagar Primary School, Krishna Nagar Primary School, Shree Vadatra Charuvadi School No. 3, Kanyashala Kalyanpur, Shree Vadtra Vadi Shala No.5, Shri Dhrol Vadi No.4, and Mafatlal Primary School) potable water facility is not available. The children bring water from home or school manage from community tube well.</p>
14	Whether utensils are available for cooking food? If, available is it adequate?	Teachers/Organizer of MDM Programme <p>It is found by the MI that 29 schools had adequate utensils for cooking, while rest of the schools (Vadatra Vadi Shala No. 6, Shree Vadatra Charuvadi School No. 3, Rajpurvadi, Shree Vadtra Vadi Shala No.5, Junagagara Primary School, Nani Pipar Primary School) do not have adequate utensils for cooking.</p>
15	What is the kind of fuel used? (Gas based/firewood etc.)	Observation <p>The MI has found that in 14 visited schools gas is used as fuel for cooking purpose and in rest of other schools, fire wood is used for cooking.</p>
16	SAFETY & HYGIENE: <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> (i) General Impression of the environment for MDM programme, safety and hygiene is found to be satisfactory by the MI in most of the visited schools. (ii) All the school maintained safety and hygiene except Nani Rafudad Primary School and Bhatia Kanya Shala where MI found poor hygiene and unsafe fuel usage. (iii) Washing hands before taking food is found in 36 schools whereas the same practice is followed after eating in all the visited schools. (iv) In all the schools, the children used to take food in an orderly manner. (v) Water conservation is found to be practiced by children while washing hands and utensils in 32 schools. (vi) The cooking process and storage of fuel is found to be safe from fire hazard in all the 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>
17	<p>i) In 18 schools, SMC members are found to participate in monitoring MDM. In 6 schools on weekly basis, in 9 schools on monthly basis and in 20 schools no participation of SMC members is found. Teachers of the school monitor MDM on daily basis while parents are monitoring MDM occasionally in few schools.</p> <p>ii) In none of the visited school, community members have maintained a roster in school for the MDM supervision.</p>	
	<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>
18	<p>i) 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. In 22 schools the inspection is done by Mamlatdar/Deputy Collector/MDM Clerk or MDM inspector on irregular basis. In Mafatlal Primary School, Shree Vadtra Vadi Shala No.5, Rondalnagar Kumar Shala, Barbarzar Primary School, Krishna Nagar Primary School, Shree Harsiddhi Nagar Primary School, Haripar Vadi Shala, no inspection has been done so far.</p> <p>ii) The frequency of such inspection is found to be irregular. However, MDM inspection is found to be carried out in 4 schools on quarterly basis, in 4 schools on biannual basis and in 3 schools on annual basis.</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>Based on the observation and discussion with parents/SMC/panchayat members, it is 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 found to be a powerful medium for higher enrollment and higher retention. The MI reported that, in 38 schools, teachers and students opined that the MDM has improved the general well-being with better health and attitudes of children.</p>

B. ANY OTHER ISSUES RELEVANT TO MDM IMPLEMENTATION

Problems:

- In 4 schools (Taluka Kumar Shala, Haripar Primary School, Shree Vedatra Vadi Shala No.5 and Junagapara Primary School.) the MDM is found to be cooked at organizer's home and then supplied to the school. The kitchen shed is not available in these schools.
- In Taluka Kumar Shala the MDM menu is not followed and every day khichdi is provided to the children and food stock is kept at organizer's home.
- The MI could find out that MDM staff had not received their remuneration since last three to four months in 7 schools (Junagagara Primary School, Khyadi Primary School, Barbarzar Primary School, Krishna Nagar Primary School, Shree Harsiddhi Nagar Primary School, Bhatia Kanya Shala and Bhatia Boys School).
- In Rajparvadi Primary School and Kharva Primary School, the MDM is not prepared since last 10 days due to absence of MDM organizer. In Railway Station Primary School, the MDM is not served since one year due to some dispute between MDM staff.
- In many schools the gas connection is found to be available. However, due to delayed supply of gas cylinder the food is found to be cooked using firewood in such schools. Some of the MDM staffs have reported that there is shortage & irregularity of gas supply in the schools.
- It is noticed by MI that the helpers are getting less remuneration in 7 schools (Mafatlal Primary School, Shree Vadtra Vadi Shala No.5, Shree Vadatra Charuvadi School No. 3, Taluka Kumar Shala, Vadtra Vadi Shala No.6, Rajparwadi Primary School and Rupavati Primary School).
- In Nani Rafudad Primary School, the MI found poor hygiene during cooking and serving food.

Strengths:

- In most of the visited schools, the dishes are found to be available to serve the MDM to the children.
- In most of the visited schools, weekly MDM is displayed on the school board and the MDM used to be prepared as per the MDM schedule.

- The trend of Tithi Bhojan is found in this district. In Rajparvadi Primary School, on the visit day, SMC had served Teethi Bhojan to the children.
- In ten schools (Vadtra Taluka Shala, Bhatia Kanya Shala, Bhatia Boys Shala, Taluka Kumar Shala, Haripar Vadi Shala, Dhrol Vadi Shala No.2, Krishnanagar Primary School, Khavadi Primary School, Barbarzara Primary School and Rajparvadi Primary School) the MDM dishes are donated by community. While in six schools (Nagar Primary School No.29, Nagar Primary School.No. 51, Lalpur Kanya Shala, Navapura Primary School, Shri Dhrol Vadi No.4, Nagar Primary School No.27) SMC members donated dishes to school for MDM. In Rondalnagar Kumar Shala teachers have donated dishes for MDM.
- In Kennadi Boys' School and Kanya Shala Dhrol quarterly visit by the officers from the Mamlatdar office is reported.

Annexure 2.1: Visited School list of Jamnagar District

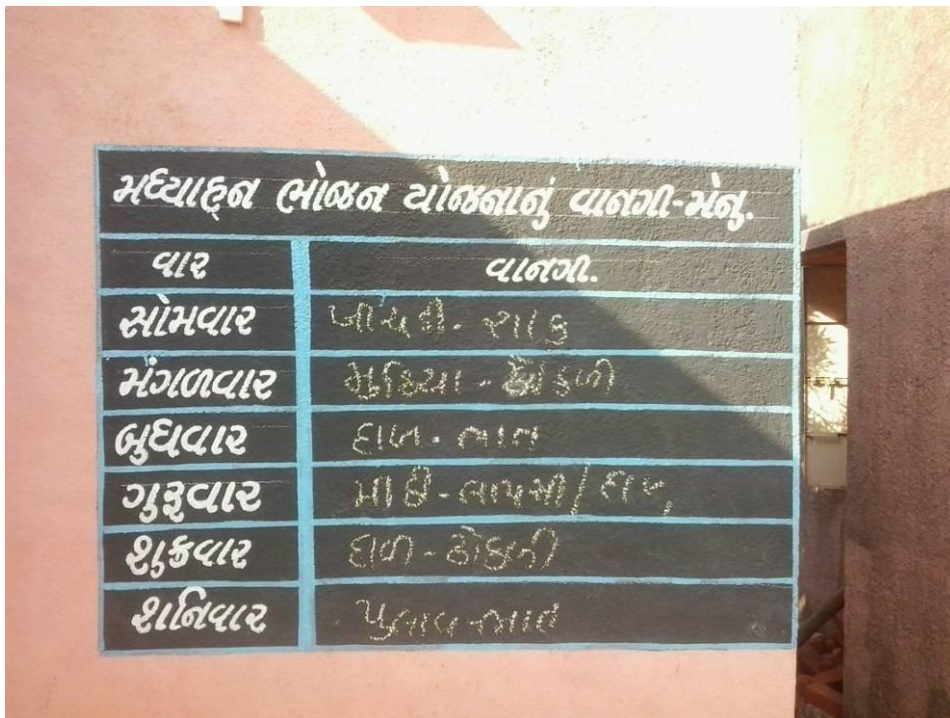
S.No	School Name	DISE Code	BRC	CRC
1	Shree Vadatra Taluka Shala	24100608701	Jamkhambhaliya	Vadatra
2	Vadatra Vadi Shala No. 6	24100608709	Jamkhambhaliya	Vadatra
3	Shree Vadatra Charuvadi School No. 3	24100608704	Jamkhambhaliya	Vadatra
4	Shree Vadatra Vadi Shala No.5	24100608708	Jamkhambhaliya	Vadtra
5	Bhatia Kanya Shala	24100500501	Jamkalyanpur	Bhatia
6	Bhatia Boys School	24100500502	Jamkalyanpur	Bhatia
7	Shree Harsiddhi Nagar Primary School	24100500505	Jamkalyanpur	Bhatia
8	Taluka Kumar Shala	24100503002	Jamkalyanpur	Kalyanpur
9	Haripar Vadi Shala	24100502902	Jamkalyanpur	Kalyanpur
10	Krishna Nagar Primary School	24100500504	Jamkalyanpur	Kalyanpur
11	Kalyanpur Kanya Shala	24100503002	Jamkalyanpur	Kalyanpur
12	Haripar Primary School	24100502901	Jamkalyanpur	Kalyanpur
13	Shree Kenedi Kanya Shala	24100503604	Jamkalyanpur	Kenedi
14	Kenedi Boys School	24100503601	Jamkalyanpur	Kenedi
15	Nagar Primary School No.59	24100703440	Jamnagar	School No.15
16	Nagar Primary School No. 29	24100703431	Jamnagar	School No.15
17	Nagar Primary School. No. 51	24100703434	Jamnagar	School No.32
18	Nagar Primary School No.27	24100703423	Jamnagar	School No.27
19	Junagagara Primary School	24100703701	Jamnagar	Randalnagar
20	Randalnagar Kumar Shala	24100707504	Jamnagar	Randalnagar
21	Dhrol Vadi Shala No.2	24100200605	Dhrol	Dhrol-1
22	Railway Station Primary School	24100200612	Dhrol	Dhrol.1
23	Chamunda Plot Primary School	24100200607	Dhrol	Dhrol-1

24	Kanya Shala Dhrol	24100200604	Dhrol	Dhrol-1
25	Mafatplot Primary School	24100200610	Dhrol	Dhrol-1
26	Shri Dhrol Vadi No.4	24100200604	Dhrol	Dhrol-2
27	Variya Primary School	24100204301	Dhrol	Soyal
28	Rajparvadi Primary School	24100203602	Dhrol	Mota Itala
29	Kharva Primary School	24100201901	Dhrol	Mota Itala
30	Khyadi Primary School	24101003001	Lalpur	Govana
31	Barbarzar Primary School	24101000501	Lalpur	Govana
32	Khirasara Primary School	24101003201	Lalpur	Lalpur
33	Lalpur Primary School	24101003301	Lalpur	Lalpur
34	Lalpur Kanya Shala	24101003302	Lalpur	Lalpur
35	Navapura Primary School	24101003304	Lalpur	Lalpur
36	Lalpur Taluka Shala	24101003301	Lalpur	Lalpur
37	Rupavati Primary School	24101003311	Lalpur	Lalpur
38	Nani Rafudad Primary School	24101005301	Lalpur	Nani Rafudad
39	Nani Pipar Primary School	24101005203	Lalpur	Kanya Shala Lalpur
40	KGBV Vadatra	24100608717	Jamkhambhaliya	Vadatra
41	KGBV Bhatia	24100500520	Jamkalyanpur	Bhatia

Annexure 2.2. Selected photographs of Jamnagar District



Incomplete MDM menu at Lalpur Primary School



Incomplete MDM menu at Barbarzar Primary School



Food is cooked using firewood in Khyadi Primary School



Less quantity food was found in Shri Dhrol Vadi Shala-2



Muthia prepared at Taluka Kumar Shala



Organised kitchen with storage in Nani Rafudad Primary School



Hot Cooked MDM in Kenadi Kanya Shala



Burnt MDM cooked at Randalnagar Kumar Shala



Vegetable pulav served at Vankriya Primary School



MDM served in an orderly manner in Dhrol School No.4



Children having MDM sitting on rough surface at Primary School No.51



Children having MDM sitting on a higher space in Nagar Primary School No.59



Children having MDM with plate and spoon in Krushna Nagar Primary School



Children enjoying MDM with plate and spoon in Nani Rafudad Primary School



Children having home-made lunch in Kanya Shala Dhrol



Children having Tithi Bhojan at Primary School No.27

Observation & Recommendations

- One organizer is found to be managing MDM preparation in 2 or more schools in Jamnagar district. In many schools of the 2 districts, the MDM is found to be cooked at the organizer home despite of having the kitchen facility in the school. This showed mismanagement of the MDM in the all such schools affecting either the quality or quantity of the MDM.
- Health checkups are not organized by any of the visited schools, but the local PHC does the check up on yearly basis. However, no proper health record is found in most of the visited schools.
- The introduction of cooking gas is a positive step by the State Government that makes the cooking atmosphere more clean & avoid fire hazards. However, it is yet to be installed in many schools of Amreli and Jamnagar both. In addition the schools where Gas connection is installed the supply of gas cylinders are quite delayed so the school has to use the firewood again despite of having a gas connection.
- More variation is requested in the MDM menu in Jamnagar district as per the need and choice of the students.
- Weighing machine is yet to be introduced in the visited districts. In any of the visited schools there is no provision for weighing the food grain; therefore the quantity of food served to the children can be questioned. There is no mechanism to cross verify the quantity of food grain used. Provision of weighing machine should be considered as one of the top priorities.
- Strict monitoring of MDM 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. The MI felt that monitoring mechanism of MDM programme needs to be emphasized at school, block as well as district level.
- Most of the school staffs 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. At least one teacher should share the MDM with the children everyday & that can be rotated among the teachers in the school. This system needs to be implemented urgently that can help in improving the quality of the food.
- Some schools are providing vegetables and Dal on regular basis. A very small quantity of vegetable and Dal are provided in MDM and that too on an average once in week. There is irregular & less supply of dal at the school level and the MDM organizer takes the advantage of irregular supply of Dal & provide less quantity of dal for MDM cooking. This trend was noticed in many schools. Vegetables, an important source of vitamins and minerals and Dal being good source of protein are

required for growth and development of children and both should be provided as per MDM menu prescribed by the state Government.

- The salary of all MDM Staff is deposited in the Bank account of MDM organizer. In few instances the helpers & cooks are paid quite late by the organizer as they are not aware when the money is deposited. In addition in some schools of both the districts, the cook/helper is found to receive less salary. There should be some system of transparency regarding this financial matter. Other alternative could be to open separate bank account for each MDM staff including helper & cook.
- Organisers in both the districts are more educated compared to other MDM staffs. It is suggested by the MI that the helper & cook should have minimum level of education as that can help in maintaining the transparency.
- Kitchen facility was not used in some of the schools due to inadequate space. Old design of the Kitchen cum storage is found to be very congested and not suitable for both storage of grain and cooking MDM. Separate provision for food grain storage space and MDM cooking space is more suitable.
- In many schools it was found that there is a difference between the children who have opted for MDM as per the registrar and the children who are actually having MDM as per the head count. Therefore an involvement of either school staff or community involvement on regular basis is needed.

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
DPC	District Project Coordinator
DPO	District Programme Office
EE	Elementary Education
GoI	Government of India
GP	Gram Panchayat
HM	Headmaster
MDM	Mid Day Meal
MHRD	Ministry of Human Resource Development
MI	Monitoring Institute
NUPS	New Upper Primary School
OBC	Other Backward Communities
PRI	Panchayati Raj Institution
PS	Primary School
PTA	Parent Teachers' Association
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
SSA	Sarva Shiksha Abhiyan
ST	Scheduled Tribe
ToR	Terms of Reference
UEE	Universalization of Elementary Education
UPS	Upper Primary School

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

District-1	Block	CRC	No. of schools covered
Amreli			
	Rajula		
		Rajula	02
		Rajula 1	01
	Total		03
	Amreli		
		Nanabhandariya	01
		Chakargadh,	03
		MSB-1	02
		MSB-2	02
		Keriyachad	01
		Pratappara	02
	Total		11
	Liliya		
		Liliya	02
		Krankach,	02
		Liliya Kanya Shala	04
		Liliya Kumar Shala,	01
		Saladi,	02
		Hathigadh,	01
		Vagholiya	01
	Total		13
	Lathi		
		Chavand	02
		Lathi	04
		Pipalva	01
		Matirala,	01
		Damnagar -1	02
		Damnagar- 2,	01
		Rameshwar	01
	Total		12
	Jafarabad		
		Sagarsala	01
	Total		01
	District Total		40

District-2			
Jamanagar			
	Dhrol		
		Mota Itala,	02
		Dhrol 1,	05
		Dhrol 2	01
		Soyal,	01
Total			09
	Jamnagar		
		Randalnagar,	02
		School No.15,	02
		School No 27	01
		School No.32	01
Total			06
	Jamkhambhaliya		
		Vadatra	05
Total			05
	Jamkalyanpur		
		Kalyanpur	05
		Bhatia	04
		Kenedi	02
Total			11
	Lalpur		
		Lalpur	06
		Nani Rafudad,	01
		Kanya Shala, Lalpur	01
		Govana	02
Total			10
District Total			41
Grand Total			40+41=81