



**4th HALF YEARLY MONITORING REPORT OF**  
**Indian Institute of Technology Madras**

on

**MID DAY MEAL SCHEME FOR THE STATE OF TAMIL NADU**

**Period: 1<sup>st</sup> June 2012 to 30<sup>th</sup> September 2012**

**Districts Covered**

- 1. MADURAI----- 2 - 13**
- 2. VIRUDHUNAGAR----- 14-26**
- 3. SIVAGANGA-----27-40**
- 4. PUDUKOTTAI-----41-56**

## Mid-Day Meal Scheme: Madurai District

(i)	Name of the Monitoring Institution	IIT Madras
(ii)	Period of the report	2012
(iii)	Name of the District	Madurai
(iv)	Date of visit to the Districts/EGS/Schools	18 <sup>TH</sup> June to 4 <sup>th</sup> July 2012

1	<p><b><u>REGULARITY IN SERVING MEAL:</u></b> Whether the school is serving hot cooked meal daily? If there was interruption, what was the extent and reasons for the same?</p> <p>The school is serving hot cooked meals daily in all schools.</p>	Students, Teachers & Parents																				
2	<p><b><u>TRENDS:</u></b> 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: 35%;">Details</th> <th style="width: 20%;">Day previous to date of visit</th> <th style="width: 20%;">On the day of visit</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">i.</td> <td>Enrolment</td> <td style="text-align: center;">7806</td> <td style="text-align: center;">5969</td> </tr> <tr> <td style="text-align: center;">ii.</td> <td>No. of children attending the school on the day of visit</td> <td style="text-align: center;">5364</td> <td style="text-align: center;">4574</td> </tr> <tr> <td style="text-align: center;">iii.</td> <td>No. of children availing MDM as per MDM Register</td> <td style="text-align: center;">4574</td> <td style="text-align: center;">4574</td> </tr> <tr> <td style="text-align: center;">iv.</td> <td>No. of children actually availing MDM on the day of visit</td> <td style="text-align: center;">4574</td> <td style="text-align: center;">4574</td> </tr> </tbody> </table> <p>*approximate value...not verified</p>	No.	Details	Day previous to date of visit	On the day of visit	i.	Enrolment	7806	5969	ii.	No. of children attending the school on the day of visit	5364	4574	iii.	No. of children availing MDM as per MDM Register	4574	4574	iv.	No. of children actually availing MDM on the day of visit	4574	4574	School level registers, MDM Registers Head Teachers, Schools level MDM functionaries / Observation of the monitoring team.
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3	<p><b><u>REGULARITY IN DELIVERING FOOD GRAINS TO SCHOOL LEVEL:</u></b> (i) Is school receiving food grain regularly? If there is delay in delivering food grains, what is the extent of delay and reasons for the same?</p>	School level registers, MDM Registers, Head Teacher, School level MDM functionaries.																				

<p>All the schools are receiving food grains regularly. The quantity of food grain supplied was not as per the marked indicated weight in few schools. In Corp. PS Anuppanady there was a difference of 10 kg in the weight of rice. In PUPS Peraiyur, 13 kg less than marked weight for Dal and 14 kg less for rice. In Municipality PS Mamsapuram difference of 15 kg of rice than marked weight. Similarly, PUPS Kottai Thirupparankundram there was 3 kg difference in dal and in Government KPS Poochipatti there was difference of 5-8 kg rice.</p>	
<p><b>(ii) Is buffer stock of one-month's requirement is maintained?</b></p>	<p><b>School level registers, MDM Registers, Head Teacher, School level MDM functionaries</b></p>
<p>The buffer stock of 45 days requirement is maintained in 17 schools. The remaining 23 schools maintain a buffer stock of 30 days.</p>	
<p><b>(iii) Is the food grains delivered at the school?</b></p>	<p><b>School level registers, MDM Registers, Head Teacher, School level MDM functionaries</b></p>
<p>In PUMS LKB Nagar, the organizer's house is used for storage of food grains. It is 1.5 km from the school. However, the school is willing to provide one separate room for storage but the organizer brings food grains only once in a week. The Kitchen cum store room is under construction. For all the remaining schools, the food grains are delivered at the school premises.</p>	
<p><b><u>REGULARITY IN DELIVERING COOKING COST TO SCHOOL LEVEL:</u></b></p>	
<p><b>(i) Is school receiving cooking cost in advance regularly? If there is delay in delivering cooking custom what is the extent of delay and reasons for it?</b></p>	<p>School level registers, MDM Registers, Head Teacher, School level MDM functionaries.</p>
<p>The schools receive cooking cost not in advance but on time in most schools. No interruption in the flow of funds is observed.</p>	
<p><b>(ii) In case of delay, how schools manage to ensure that there is no disruption in the feeding programme?</b></p>	<p>School level registers, MDM Registers, Head Teacher, School level MDM functionaries.</p>
<p>In case of delay, the schools claim that the money of organizer is used so as to ensure that there is no disruption in the implementation of the scheme.</p>	
<p><b>(iii) Is cooking cost paid by Cash or through banking channel?</b></p>	<p>School level registers, MDM Registers, Head Teacher, School level MDM functionaries.</p>
<p>The cooking cost is paid by banking channel (ATM) in the case of 37 schools. It is paid cash in hand only for 3 schools.</p>	

	<p><b><u>SOCIAL EQUITY:</u></b>  <b>Did you observe any gender or caste or community discrimination in cooking or serving or seating arrangements?</b></p>	<p>Observations</p>
5	<p>No gender or caste or community discrimination in cooking or serving or seating arrangements was observed by the MI. In the case of 19 schools the children were seated in the Varandah for MDM. In 12 schools they were seated in the class room and in 2 schools (PUPS Peraiyur and PUPS Vidathikulam) children were scattered and formed small groups inside the campus to have food. In PUMS Kottaimedu, the children use a marriage hall nearby the school to have food. Similarly in PUPS Eraniyum the students are seated on a drama stage to have their Meals.</p>	
6	<p><b><u>VARIETY OF MENU:</u></b>  <b>(i) Has the school displayed its weekly menu, and is it able to adhere to the menu displayed?</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>
	<p>The menu was displayed only in the 3 schools (PUPS Ammapatti, PUPS Vidathikulam and PUMS Chinthamani) either on the notice board or on the black board. The remaining 37 schools did not have a weekly display of the menu. The menu is displayed inside the stock room or in the kitchen. Most of the schools follow the menu decided by the Government of Tamil Nadu and in some cases the schools follow the menu given by the BDO/PWD/Collector.</p>	
	<p><b>(ii) Is there variety in the food served or is the same food served daily?</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>
7	<p>The same type of food is served daily. The only difference is in the mix up of vegetables added to the Sambar. The food has rice, dal, eggs and vegetables.</p>	
	<p><b>(iii) Dose the daily menu include rice / wheat preparation, dal and vegetables?</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>

The daily menu includes rice, Dal, eggs and vegetables. There is no wheat preparation.



<p><b><u>QUALITY &amp; QUANTITY OF MEAL:</u></b>  <b>Feedback from children on</b>  <b>a) Quality of meal:</b></p>	<p>Observations of  Investigation during  MDM service</p>
<p>The quality of meal is good in almost all schools.</p>	
<p><b>b) Quantity of meal:</b></p>	<p>Observations of  Investigation during  MDM service</p>
<p>All children felt that the quantity of meal is adequate.</p>	
<p><b>c) {If children were not happy Please give reasons and suggestions to improve}</b></p>	<p>Observations of  Investigation during  MDM service</p>
<p>All the children felt that they are given adequate food and the quality is satisfactory.</p>	
<p><b><u>SUPPLEMENTARY:</u></b>  <b>(i) Whether children are given micronutrients (Iron, folic acid, vitamin – A dosage) and de-worming medicine periodically?</b></p>	<p>Teachers, Students,  School Record</p>
<p>Yes.</p>	
<p><b>(ii) Who administers these medicines and at what frequency?</b></p>	<p>Teachers, Students,  School Record</p>

<p>The Health Check Up happens once in a year in 35 schools. In Government Boys Hr. Sec. School T.VADIPATTI, Prem Vidyalalai Solai Alagapuram and Corp.MS West Gate No.2 the health check up happens once in 6 months. In PUMS Kuravankulam the check up is done once in 3 months and in Government KPS Poochipatti it happens once in two months.</p> <p>The HM coordinates with the PHC to administer medicines in most of the schools.</p>	
<p><b>(iii) Is there school Health Card maintained for each child?</b></p>	<p>Teachers, Students, School Record</p>
<p>The health card is maintained only in 19 schools and the remaining 21 schools do not maintain the health card properly.</p>	
<p><b><u>STATUS OF COOKS:</u></b></p>	
<p><b>(i) Who cooks and serves the meal? (Cook/helper appointed by the Department or Self Help Group, or NGO or Contractor)</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>
<p>The cook/helper appointed by the Department cooks and serves the meal. In most schools, the cooks and helpers engaged in the schools was not as per GOI norms.</p>	
<p><b>(ii) Is the number of cooks and helpers adequate to meet the requirement of the school?</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>
<p>9 The number of cooks and helpers are inadequate to meet the requirements in some of the schools due to vacancies.</p>	
<p><b>( iii )What is remuneration paid to cooks/helpers?</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>
<p>Organizers were paid in the scale of Rs 5000-5800 pm. The Head cook had a pay scale in the range of Rs 2000-2900 pm while the Helpers had a pay scale in the range of Rs1700-1900 pm.</p>	
<p><b>(iv) Are the remuneration paid to cooks/helpers regularly?</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>


The remuneration is paid to cooks/helpers regularly in almost all the cases.	
<b>(v) Social Composition of cooks /helpers? (SC/ST/OBE/Minority)</b>	Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.

The Organisers, Cooks are Helpers in most of the schools belong to BC or MBC community. The table below shows the vacancies and the social composition in the appointment of cooks and helpers. There are no cooks who belong to SC community in Madurai district except 2 schools which are Adidravida welfare schools.

School Name	Orgsr	Cook	Helper
P.U.P.S. ALANGANALLUR	MBC	BC	BC
P.U.M.S KURAVANKULAM	vacant	BC	BC
P.U.M.S. KOTTAIMEDU	BC	BC	Vacant
GOVT.KALLAR.P.S. K.VEEANPATTI	vacant	MBC	Vacant
P.U.M.S. CHINNA ULAGANI	BC	BC	BC
P.U.M.S. MAIYTTAN PATTI	SC	BC	Vacant
GOVT. H.S VEERAPERMUALPURAM	BC	BC	BC
P.U.M.S M.VELLALAPATTI	BC	MBC	Vacant
GOVT.G.H.S KOTTAMPATTI	BC	BC	BC
P.U.M.S. L.K.B.NAGAR	BC	BC	BC
R.C.M.S.KATHAKINARU	BC	BC	BC
P.U.P.S. OTHAKADAI	MBC	BC	BC
SRI MEENAKSHI VID.P.S	BC	MBC	Vacant
COR.M.S WEST GATE NO 2	BC	BC	Vacant
PREM VIDYA SALAI SOLAI ALAGU P	OC	BC	BC
DROWPATHIAMMAN NO 2 P.S	MBC	BC	Vacant
COR.P.S ANNUPPANADY	BC	BC	Vacant
P.U.P.S. ERANIYUM	BC	BC	Vacant
P.U.P.S. PARAVAI	BC	BC	BC
P.U.P.S. VEERAPANDI	BC	BC	BC
P.U.M.S ARITAPATTI	BC	BC	BC
P.U.M.S. ATHIPATTI	BC	BC	BC
ADHI.D.P.S.SANGARALINGAPURAM	BC	SC	Vacant
GOVT.K.P.S. T.SANARPATTI	BC	BC	BC
GOVT.B.HR.S.S T.VADIPATTI	BC	BC	MBC
P.U.P.S.MULLIPALLAM	BC	BC	SC
ADI.W.P.S.ANAIKULAM	MBC	SC	Vacant
P.U.P.S. P.AMMAPATTI	BC	MBC	MBC
P.U.P.S VIDATHAKULAM	BC	BC	Vacant
MUN.P.S.MAMSA PURAM	MBC	Muslim	Muslim
MUNCI. G.P.S. THIRUMANGALAM	MBC	MBC	Vacant
P.U.M.S CHINTHAMANI	MBC	BC	BC
P.U.P.S KOTTAI THIRUPRANKUND	BC	BC	BC
GOVT. K.P.S. POOCHIPATTI	MBC	MBC	MBC



<p><b><u>INFRASTRUCTURE:</u></b></p> <p><b>Is a pucca kitchen shed-cum-store:</b></p> <p>(a) <b>Constructed and in use</b>  (b) <b>Constructed but not in use</b>  (c) <b>Under construction</b>  (d) <b>Sanctioned, but constructed not started</b>  (e) <b>Not sanctioned</b></p> <p><b>Any other (specify)</b></p>	<p>School records, discussion with head teacher, teacher, VEC, Gram Panchayat members.</p>
<p>1</p> <p>The pucca kitchen shed cum store is constructed and in use in most schools. Yet, there were some unsettling issues in the quality of the kitchen shed cum store in certain schools which are outlined below:</p> <ul style="list-style-type: none"> <li>• In PUPS Alanganallur, Government Kallar PS K. Veeranpatti and PUMS Kuravankulam there is a request for Kitchen cum store room.</li> <li>• In PUMS Kottaimedu, the Kitchen shed is under construction. Meanwhile, a nearby marriage hall is now being used for cooking and eating arrangements are also made in the same place.</li> <li>• In PUPS Vidathakulam, it has got sanctioned to construct a new kitchen building but suddenly got cancelled due to hike in the prices of construction material.</li> <li>• In PUMS Chinthamani, there is no proper sheltered place and cooking is done on the open space which is unhygienic.</li> </ul>	
<p><b>In case the pucca kitchen shed is not available, where is the food being cooked and where the food grains /other ingredients are being stored?</b></p>	<p><b>Discussion with head teacher, teacher, VEC, Gram Panchayat members, Observation</b></p>
<p>1</p> <p>In 14 schools the food grains are stored in the store room. In the remaining schools the food grains are stored at the class rooms. In 4 schools it is stored in the class rooms. In PUPS Veerapandi, a damaged class room is being used to store the food grains. In PUMS LKB Nagar, the organizer's house is used for storage of food grains. It is 1.5 km from the school. However, the school is willing to provide one separate room for storage but the organizer brings food grains only once in a week.</p>	
<p>1 <b>Whether potable water is available for cooking and drinking purpose?</b></p>	<p><b>-do-</b></p>

	<p>In 20 schools, they avail water for cooking and drinking purposes from the Panchyat or municipality. In 6 schools Borewell water is used for cooking food. PUPS Eraniyum and PUPS Kottai Thirupparankunram have handpump inside the school campus. In Government Kallar PS K. Veeranpatti, there is no panchayath pipeline connection inside the school campus. The water is carried all the way from ½ km distance on a roadside pipeline.</p>	
1	<p><b>Whether utensils used for cooking food are adequate?</b></p>	<p>Teachers/Organizer of MDM Programme</p>
	<p>28 schools have reported that the utensils used for cooking are inadequate.</p>	
1	<p><b>What is the kind of fuel used? (Gas based/firewood etc.)</b></p>	<p><b>Observation</b></p>
	<p>Firewood is used as fuel in 39 schools. The gas based cooking is used only in PUMS Chinthamani but they use firewood as well.</p> 	
1	<p><b><u>SAFETY &amp; HYGIENE:</u></b> i. <b>General Impression of the environment, Safety and hygiene:</b></p>	<p><b>Observation</b></p>

Because of firewood there is a lot of smoke and soot on walls and ceiling. Working conditions are definitely NOT healthy for the kitchen staff. Ensuring proper ventilation in kitchens and shifting to gas based cooking will surely improve the situation.

**ii. Are children encouraged to wash hands before and after eating** **observation**

No prompts from the teachers/organisers were noticed during the field visits. The children wash their hands only after the meal in 10 of the schools. The students wash their hands before and after meal in 30 of the schools but they do not use soap for washing hands. In 4 schools (PUMS Aritapatti, PUPS Mullipallam, ADWPS Anaikulam and Municipality PS Mamsapuram) the students use soap to wash their hands but there is only single soap that is being used by all the students. The SSA has provided fund to buy soaps (Rs. 100/- pm for each school) and also had given training in most of the schools on how to wash the hands. But, most of the schools implement the activities taught in the training.

**iii. Do the children par-take meals in an orderly manner?** **observation**

Yes



**v. Conservation of water?** **Observation**

	No wasteful practices were observed during the MI team's visits. In 27 schools, the children consume water after meals but in 13 of the schools the children are not having a practice of drinking water after the meal was observed.	
	<b>vi. Is the cooking process and storage of fuel safe, not posing any fire hazard?</b>	<b>observation</b>
	No hazardous conditions observed.	
<b>1</b>	<b>COMMUNITY PARTICIPATION:</b> <b>Extent of participation by Parents/VECs/Panchayats/Urban bodies in daily supervision, monitoring, participation</b>	<b>Discussion with head teacher, teacher, VEC, Gram Panchayat members</b>
	Parents or community participation was reportedly unsatisfactory. No school had roster being maintained by the community members for supervision of the MDM.	
<b>1</b>	<b>INSPECTION &amp; SUPERVISION</b> <b>Has the mid day meal programme been inspected by any state/district/block level officers/officials?</b>	<b>School records, discussion with head teacher, teachers, VEC, Gram Panchayat members</b>
	The mid day meal has been inspected by the Block level officers in most of the schools. There has been no instance of visit by State Level Officers in any schools in Madurai district.	
<b>1</b>	<b>IMPACT</b> <b>Has the mid day meal improved the enrolment, 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?</b>	<b>School records, discussion with head teacher, teachers, students, VEC, Gram Panchayat members.</b>
	The MDM is extremely beneficial to the children, especially the rural and urban poor. The scheme should be strengthened through allocation of more meals per school and should include ONE FRUIT and ONE GLASS MILK for every child every day.	

**Specific observations regarding individual schools/specific problems in Madurai district:**

- In PUMS Chinna Ulagani, the MDM is of average quality. There are two anganwadi centers running nearby but the condition of the building is very poor. There is no proper water facility as well.
- The Adi-dravida Welfare and Primary School, Sangaralingapuram is both ADW and primary school. The school is receiving only the school grant and not the maintenance grant. There is no proper building to executive MDM efficiently. There is no place to cook and serve food. There is no water facility as well.
- In Government Boys Higher Secondary School, T.Vadipatti, there is no proper Kitchen cum store room. So the food is cooked on the roadside platforms which is unhygienic.
- In PUPS Peraiyur and Municipality GPS Thirumangalam the MDM is really executed well. The quality of food is good.
- In PUMS Chinthamani, the cooking is done in the open space since there is no proper Kitchen in the school.
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**NOTE: As one of the outcomes of the visit of the 3<sup>rd</sup> Review Mission to Tamil Nadu on Mid day meal scheme during Jan-April 2012, the members of the Review Mission have suggested that all schools should appoint an ayah/cleaner for cleaning the schools premises and the toilets so as to maintain the health and hygiene of the schools.**

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## Mid-Day Meal Scheme: Virudhunagar District

(i)	Name of the Monitoring Institution	IIT Madras
(ii)	Period of the report	2012
(iii)	Name of the District	Virudhunagar
(iv)	Date of visit to the Districts/EGS/Schools	09 <sup>th</sup> July to 25 <sup>th</sup> July 2012

1	<b><u>REGULARITY IN SERVING MEAL:</u></b>			Students, Teachers & Parents	
	Whether the school is serving hot cooked meal daily? If there was interruption, what was the extent and reasons for the same? The school is serving hot cooked meals daily in all schools.				
2	<b><u>TRENDS:</u></b>			School level registers, MDM Registers Head Teachers, Schools level MDM functionaries / Observation of the monitoring team.	
	Extent of variation (As per school records vis-à-vis Actual on the day of visit)*				
	No.	Details	Day previous to date of visit		On the day of visit
	ii.	Enrolment	3663		3086
	iii.	No. of children attending the school on the day of visit	3086		2754
	ix.	No. of children availing MDM as per MDM Register	3086		2754
x.	No. of children actually availing MDM on the day of visit	2754	2754		
*approximate value...not verified					
2	<b><u>REGULARITY IN DELIVERING FOOD GRAINS TO SCHOOL LEVEL:</u></b>			School level registers, MDM Registers, Head Teacher, School level MDM functionaries.	
	(iv) Is school receiving food grain regularly? If there is delay in delivering food grains, what is the extent of delay and reasons for the same?				

	All the schools are receiving food grains regularly. The quantity of food grain supplied was not as per the marked indicated weight only in PUPS Kalingapatti, there was a difference of 2 kg dal.	
	<b>(v) Is buffer stock of one-month's requirement is maintained?</b>	<b>School level registers, MDM Registers, Head Teacher, School level MDM functionaries</b>
	The buffer stock of 45 days requirement is maintained in 17 schools. The remaining schools maintain a buffer stock of 30 days.	
	<b>(vi) Is the food grains delivered at the school?</b>	<b>School level registers, MDM Registers, Head Teacher, School level MDM functionaries</b>
	The food grains are delivered at the school premises in case of all the schools.	
2	<b><u>REGULARITY IN DELIVERING COOKING COST TO SCHOOL LEVEL:</u></b> <b>(iv) Is school receiving cooking cost in advance regularly? If there is delay in delivering cooking custom what is the extent of delay and reasons for it?</b>	School level registers, MDM Registers, Head Teacher, School level MDM functionaries.
	The schools receive cooking cost not in advance but on time in most schools. No interruption in the flow of funds is observed.	
	<b>(v) In case of delay, how schools manage to ensure that there is no disruption in the feeding programme?</b>	School level registers, MDM Registers, Head Teacher, School level MDM functionaries.
	In case of delay, the schools claim that the money of organizer is used so as to ensure that there is no disruption in the implementation of the scheme.	
	<b>(vi) Is cooking cost paid by Cash or through banking channel?</b>	School level registers, MDM Registers, Head Teacher, School level MDM functionaries.
	The cooking cost is paid by banking channel (ATM) in the case of 39 schools. In PUMS Nedunkulam, cash is paid in hand.	
2	<b><u>SOCIAL EQUITY:</u></b> <b>Did you observe any gender or caste or community discrimination in cooking or serving or seating arrangements?</b>	Observations

	<p>In the case of 24 schools the children were seated in the Varandah for MDM. In PUMS Nedunkulam children were seated in the class room and in 7 schools children were scattered and formed small groups inside the campus to have food. In ADWMS Kottaiyur, the children sit in a old building to have food.</p> <p>In MPL Kammappatti Middle School, Srivilliputhur, there was a big agitation took place recently against the appointment of cook who belong to SC community (The news also got published in The Hindu newspaper dated 6<sup>th</sup> July 2012). The parents do not want a SC community woman to cook or serve food for their children. The Block Development Officer has proposed to transfer the cook stating that the Kambalathu naicker community people having a peculiar practice of not eating food cooked by people belonging to any other community. The problem has not been resolved yet and the children are not having MDM in the school.</p>	
2	<p><b><u>VARIETY OF MENU:</u></b></p> <p><b>(iv) Has the school displayed its weekly menu, and is it able to adhere to the menu displayed?</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>
	<p>The menu was displayed only in M. Reddiyapatti RBC Virudhunagar district. The remaining schools have not displayed the menu anywhere. Most of the schools follow the menu decided by the Government of Tamil Nadu and in some cases the schools follow the menu given by the BDO/PWD/Collector.</p>	
2	<p><b>(v) Is there variety in the food served or is the same food served daily?</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>
	<p>The same type of food is served daily. The only difference is in the mix up of vegetables added to the Sambar. The food has rice, dal, eggs and vegetables.</p>	
	<p><b>(vi) Dose the daily menu include rice / wheat preparation, dal and vegetables?</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>



The daily menu includes rice, Dal, eggs and vegetables. There is no wheat preparation.



<p><b>QUALITY &amp; QUANTITY OF MEAL:</b>  <b>Feedback from children on</b>  <b>c) Quality of meal:</b></p>	<p>Observations of          Investigation during          MDM service</p>
<p>The quality of meal is good in almost all schools.</p>	
<p><b>d) Quantity of meal:</b></p>	<p>Observations of          Investigation during          MDM service</p>
<p>All children felt that the quantity of meal is adequate.</p>	
<p><b>c) {If children were not happy Please give reasons and suggestions to improve}</b></p>	<p><b>Observations of          Investigation during          MDM service</b></p>
<p>All the children felt that they are given adequate food and the quality is satisfactory.</p>	
<p><b>SUPPLEMENTARY:</b>  <b>(v) Whether children are given micronutrients (Iron, folic acid, vitamin – A dosage) and de-worming medicine periodically?</b></p>	<p>Teachers, Students,          School Record</p>
<p>Yes.</p>	

<b>(vi) Who administers these medicines and at what frequency?</b>	<b>Teachers, Students, School Record</b>
<p>The Health Check Up happens once in a year in 37 schools. In PUPS Chettikurichi, PUPS Udayanathapuram, PUPS Pandalkudi South the health check up happens once in 6 months.</p> <p>The HM coordinates with the PHC to administer medicines in most of the schools.</p>	
<b>(vii) Is there school Health Card maintained for each child?</b>	<b>Teachers, Students, School Record</b>
<p>The health card is maintained only in 15 schools and the remaining 25 schools do not maintain the health card properly.</p>	
<b>STATUS OF COOKS:</b>	
<b>(ii) Who cooks and serves the meal? (Cook/helper appointed by the Department or Self Help Group, or NGO or Contractor)</b>	Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.
<p>The cook/helper appointed by the Department cooks and serves the meal. In most schools, the cooks and helpers engaged in the schools was not as per GOI norms.</p>	
<b>(ii) Is the number of cooks and helpers adequate to meet the requirement of the school?</b>	Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.
<p>The number of cooks and helpers are inadequate to meet the requirements in some of the schools due to vacancies.</p>	
<b>(iii) What is remuneration paid to cooks/helpers?</b>	Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.
<p>Organizers were paid in the scale of Rs 5000-5800 pm. The Head cook had a pay scale in the range of Rs 2000-2900 pm while the Helpers had a pay scale in the range of Rs1700-1900 pm.</p>	

<p><b>(viii) Are the remuneration paid to cooks/helpers regularly?</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>
<p>The remuneration is paid to cooks/helpers regularly in almost all the cases.</p>	
<p><b>(v) Social Composition of cooks /helpers? (SC/ST/OBE/Minority)</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>

The Organisers, Cooks are Helpers in most of the schools belong to BC or MBC community. The table below shows the vacancies and the social composition in the appointment of cooks and helpers.

s.n	School Name	Organiser	Cook	Helper
1	PUPS, CHETTIKURICHI	SC	BC	SC
2	PUPS,UDAYANATHAPURAM	MBC	BC	BC
3	P.U.P.S., PANDALKUDI SOUTH	BC	BC	Vacant
4	MPL.PS.WEAVERS COLONY., APK	SC	BC	BC
5	SUKKILANATHAM	BC	BC	BC
6	PUPS,KALKURCHI	SC	BC	BC
7	MALLANGINAR	BC	BC	BC
8	GOVT. PRI. SCHOOL -KARIAPATTI	SC	BC	BC
9	KARIYAPATTI	BC	BC	BC
10	P.U.P.S SATHIYANNAGAR	BC	BC	BC
11	P.U.P.S V.KUMARAPURAM	SC	BC	BC
12	P.U.P.S.LINGAPURAM COLONY	SC	BC	BC
13	MPL.KAMMPATTI.MID.SCH,SRIVILLI	BC	Under dispute reg the appnt of SC cook	Under dispute reg the appnt of SC Helper
14	PUPS, MUTHURAMALINGAPURAM	BC	BC	BC
15	PUPS,M.MEENATCHIPURAM	SC	BC	BC
16	M.REDDIYAPATTI	BC	BC	BC
17	PUPS,SIVAGNANAPURAM	BC	BC	BC
18	PUPS,INAMREDIYAPATTI	MBC	BC	BC
19	PUPS,MUTHULAPURAM	BC	BC	Vacant
20	P.U.P.S.THATHAMPATTI	BC	BC	BC
21	KUNTHALAPATTI	BC	BC	BC
22	P.U.M.S.NEDUNKULAM	MBC	BC	BC
23	PUMS,CHOTTAMURI	BC	MBC	MBC
24	A.D.W.PRI SCH.SUNDARAJAPURAM	BC	MBC	MBC
25	PUPS,PADANTHAL	SC	MBC	MBC
26	PUPS,METTUPATTI	MBC	MBC	MBC
27	MUNICIPAL MUSLIM PRIMARY SCHOOL	MBC	MBC	BC
28	MU.PRIMARY SCHOOL AMMANKOVILPATTI	Muslim	MBC	SC
29	P.U.P.S.SOODIPUTHUR	MBC	MBC	SC
30	MU.PRI.SCH., THAIKAPATTI	MBC	MBC	SC
31	PUMS, ILLUPAIKULAM	MBC	MBC	MBC
32	PUPS,NOTCHIKULAM	BC	MBC	BC
33	PUPS, CHOKANATHAPURAM	OC	OC	BC
34	PUMS,MILL COLONY	BC	SC	MBC
35	P.U.P.S.C.KALINGAPATTI	MBC	SC	SC
36	P.U.P.S SATHIYANNAGAR	SC	SC	SC
37	PUMS, M. DURAISAMYPURAM	BC	SC	BC
38	PUPS,RAMAKUDUMPANPATTI	MBC	SC	SC
39	ADWMS,KOTTAIYUR	SC	SC	SC
40	PUPS,MUTHAL NAGAR	BC	Vacant	MBC

<p><b><u>INFRASTRUCTURE:</u></b></p> <p><b>Is a pucca kitchen shed-cum-store:</b></p> <p>(f) <b>Constructed and in use</b>  (g) <b>Constructed but not in use</b>  (h) <b>Under construction</b>  (i) <b>Sanctioned, but constructed not started</b>  (j) <b>Not sanctioned</b></p> <p><b>Any other (specify)</b></p>	<p>School records, discussion with head teacher, teacher, VEC, Gram Panchayat members.</p>
<p>2</p> <p>The pucca kitchen shed cum store is constructed and in use in most schools. Yet, there were some unsettling issues in the quality of the kitchen shed cum store in certain schools which are outlined below:</p> <ul style="list-style-type: none"> <li>• In PUPS Ramakundanpatti, the Kitchen cum store room has been constructed in the academic year 2007-08 but it is not being used.</li> <li>• In PUMS M.Duraisampuram, the Kitchen shed is under construction. The cooking takes place in an open area which is not hygienic.</li> <li>• In PUPS C.Kalingapatti, the construction to build a Kitchen cum store room was started in the year 2010 but the work is still at the basement level.</li> </ul>	
<p>2</p> <p><b>In case the pucca kitchen shed is not available, where is the food being cooked and where the food grains /other ingredients are being stored?</b></p>	<p><b>Discussion with head teacher, teacher, VEC, Gram Panchayat members, Observation</b></p>

In 24 schools the food grains are stored in the store room. In 16 schools it is stored in the class rooms.



<p><b>Whether potable water is available for cooking and drinking purpose?</b></p>	<p>-do-</p>
<p>3 In 24 schools, they avail water for cooking and drinking purposes from the Panchyat or municipality. In 3 schools, PUPS Mettupatti, PUMS M. Duraisampuram and PUPS Inam Reddiyapatti, borewell water is used for cooking food. PUMS Mill Colony and PUPS Muthulapuram have handpump inside the school campus. In PUMS Notchikulam, there is no panchayath pipeline connection inside the school campus. The water is carried all the way from 1 km distance on a roadside pipeline. In case of PUPS Soodiputhur and MU Primary school Thaikapatti, the water is fetched from the nearby street pipelines.</p>	
<p>3 <b>Whether utensils used for cooking food are adequate?</b></p>	<p>Teachers/Organizer of MDM Programme</p>
<p>27 schools have reported that the utensils used for cooking are inadequate.</p>	
<p>3 <b>What is the kind of fuel used? (Gas based/firewood etc.)</b></p>	<p><b>Observation</b></p>

All the 40 schools use firewood based cooking.



**SAFETY & HYGIENE:**

iv. **General Impression of the environment, Safety and hygiene:**

**Observation**

Because of firewood there is a lot of smoke and soot on walls and ceiling. Working conditions are definitely NOT healthy for the kitchen staff. Ensuring proper ventilation in kitchens and shifting to gas based cooking will surely improve the situation.

v. **Are children encouraged to wash hands before and after eating**

**Observation**

No prompts from the teachers/organisers were noticed during the field visits. The children wash their hands only after the meal in 10 of the schools. The students wash their hands before and after meal in 30 of the schools but they do not use soap for washing hands. In 3 schools (PUPS Udayanathapuram, PUPS Sathyanagar and PUPS Notchikulam) the students use soap to wash their hands but there is only single soap that is being used by all the students. The SSA has provided fund to buy soaps (Rs. 100/- pm for each school) and also had given training in most of the schools on how to wash the hands. But, most of the schools implement the activities taught in the training.

<b>vi. Do the children par-take meals in an orderly manner?</b>	<b>Observation</b>
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Yes



<b>xi. Conservation of water?</b>	<b>Observation</b>
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No wasteful practices were observed during the MI team's visits. In 27 schools, the children consume water after meals but in 13 of the schools the children are not having a practice of drinking water after the meal was observed.

<b>ii. Is the cooking process and storage of fuel safe, not posing any fire hazard?</b>	<b>Observation</b>
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	No hazardous conditions observed.	
3	<b>COMMUNITY PARTICIPATION:</b> Extent of participation by Parents/VECs/Panchayats/Urban bodies in daily supervision, monitoring, participation	Discussion with head teacher, teacher, VEC, Gram Panchayat members
	Parents or community participation was reportedly unsatisfactory. No school had roster being maintained by the community members for supervision of the MDM.	
3	<b>INSPECTION &amp; SUPERVISION</b> Has the mid day meal programme been inspected by any state/district/block level officers/officials?	School records, discussion with head teacher, teachers, VEC, Gram Panchayat members
	The mid day meal has been inspected by the Block level officers in most of the schools. There has been no instance of visit by State Level Officers in any schools in Virudhunagar district.	
3	<b>IMPACT</b> Has the mid day meal improved the enrolment, 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, VEC, Gram Panchayat members.
	The MDM is extremely beneficial to the children, especially the rural and urban poor. The scheme should be strengthened through allocation of more meals per school and should include ONE FRUIT and ONE GLASS MILK for every child every day.	

**Specific observations regarding individual schools/specific problems in Virudhunagar district:**

- In Municipal Muslim Primary school, eggs are divided into two halves and distributed to two children.
- In PUPS Pandalkudi, the kitchen cum store room is constructed well and it is maintained properly.
- In PUPS Ramakundanpatti, the Kitchen cum store room has been constructed in the academic year 2007-08 but it is not being used.

- In PUMS M.Duraisampuram, the Kitchen shed is under construction. The cooking takes place in an open area which is not hygienic.
- In PUPS C.Kalingapatti, the construction to build a Kitchen cum store room was started in the year 2010 but the work is still at the basement level.
- In MPL Kammappatti Middle School, Srivilliputhur, there was a big agitation took place recently against the appointment of cook who belong to SC community (The news also got published in The Hindu newspaper dated 6<sup>th</sup> July 2012). The parents do not want a SC community woman to cook or serve food for their children. The Block Development Officer has proposed to transfer the cook stating that the Kambalathu naicker community people having a peculiar practice of not eating food cooked by people belonging to any other community. The problem has not been resolved yet and the children are not having MDM in the school.

**NOTE: As one of the outcomes of the visit of the 3<sup>rd</sup> Review Mission to Tamil Nadu on Mid day meal scheme during Jan-April 2012, the members of the Review Mission have suggested that all schools should appoint an ayah/cleaner for cleaning the schools premises and the toilets so as to maintain the health and hygiene of the schools.**



## Mid-Day Meal Scheme: Sivaganga District

(i)	Name of the Monitoring Institution	IIT Madras
(ii)	Period of the report	2012
(iii)	Name of the District	Sivaganga
(iv)	Date of visit to the Districts/EGS/Schools	21 <sup>st</sup> August to 6 <sup>th</sup> September

3	<p><b><u>REGULARITY IN SERVING MEAL:</u></b></p> <p>Whether the school is serving hot cooked meal daily? If there was interruption, what was the extent and reasons for the same?</p> <p>The school is serving hot cooked meals daily in all schools.</p>	Students, Teachers & Parents																				
3	<p><b><u>TRENDS:</u></b></p> <p>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: 35%;">Details</th> <th style="width: 20%;">Day previous to date of visit</th> <th style="width: 20%;">On the day of visit</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">iii.</td> <td>Enrolment</td> <td style="text-align: center;">3610</td> <td style="text-align: center;">3610</td> </tr> <tr> <td style="text-align: center;">iv.</td> <td>No. of children attending the school on the day of visit</td> <td style="text-align: center;">3131</td> <td style="text-align: center;">3114</td> </tr> <tr> <td style="text-align: center;">v.</td> <td>No. of children availing MDM as per MDM Register</td> <td style="text-align: center;">3019</td> <td style="text-align: center;">3019</td> </tr> <tr> <td style="text-align: center;">vi.</td> <td>No. of children actually availing MDM on the day of visit</td> <td style="text-align: center;">3101</td> <td style="text-align: center;">3101</td> </tr> </tbody> </table> <p>*approximate value...not verified</p>	No.	Details	Day previous to date of visit	On the day of visit	iii.	Enrolment	3610	3610	iv.	No. of children attending the school on the day of visit	3131	3114	v.	No. of children availing MDM as per MDM Register	3019	3019	vi.	No. of children actually availing MDM on the day of visit	3101	3101	School level registers, MDM Registers Head Teachers, Schools level MDM functionaries / Observation of the monitoring team.
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3	<p><b><u>REGULARITY IN DELIVERING FOOD GRAINS TO SCHOOL LEVEL:</u></b></p> <p>(vii) Is school 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>All the schools are receiving food grains regularly.</p>	School level registers, MDM Registers, Head Teacher, School level MDM functionaries.																				

<b>(viii) Is buffer stock of one-month's requirement is maintained?</b>	School level registers, MDM Registers, Head Teacher, School level MDM functionaries
The buffer stock of 45 days requirement is maintained in 14 schools and 30 days requirement in 25 schools and only in G (ADW) HSS Mallal stock is maintained for 35 days.	
<b>(ix) Is the food grains delivered at the school?</b>	School level registers, MDM Registers, Head Teacher, School level MDM functionaries
The food grains are delivered at the school premises in case of all the schools.	
<b><u>REGULARITY IN DELIVERING COOKING COST TO SCHOOL LEVEL:</u></b> <b>(vii) Is school receiving cooking cost in advance regularly? If there is delay in delivering cooking custom what is the extent of delay and reasons for it?</b>	School level registers, MDM Registers, Head Teacher, School level MDM functionaries.
The cooking cost and Salary to MDM staff had delayed for the last two months in most of the schools of Sivaganga district. There is a little change in the flow of funds since it was paid directly to the organizer earlier. Now, the funds are sent to the treasury and then it gets transferred to MDM organizer. This change had caused the delay in receiving the cooking cost and salary.  In PUPS Muthupatti, the organizer had spent his personal money for the purchase of utensils.	
<b>(viii) In case of delay, how schools manage to ensure that there is no disruption in the feeding programme?</b>	School level registers, MDM Registers, Head Teacher, School level MDM functionaries.
In case of delay, the schools claim that the money of organizer is used so as to ensure that there is no disruption in the implementation of the scheme.	
<b>(ix) Is cooking cost paid by Cash or through banking channel?</b>	School level registers, MDM Registers, Head Teacher, School level MDM functionaries.
The cooking cost is paid by banking channel (ATM) in all the schools.	
<b><u>SOCIAL EQUITY:</u></b> <b>Did you observe any gender or caste or community discrimination in cooking or serving or seating arrangements?</b>	Observations

In the case of 24 schools the children were seated in the Varandah for MDM. In PUPS No.3 Singampunari, PUPS No.6 Singampunari, PUPS Kirungakkottai and PUPS Thirupathur, children were seated in the class room and in 7 schools children were scattered and formed small groups inside the campus to have food.



**VARIETY OF MENU:**

**(vii) Has the school displayed its weekly menu, and is it able to adhere to the menu displayed?**

Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.

The menu was displayed only in 4 of the OoSC centers, Maruthi Anbu Nagar, Olikadir Gangaiamman, Vasantham Nehru bazaar, Seeds Pasiyapuram. The remaining schools have not displayed the menu anywhere. Most of the schools follow the menu decided by the Government of Tamil Nadu and in some cases the schools follow the menu given by the BDO/PWD/Collector.

**(viii) Is there variety in the food served or is the same food served daily?**

Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.

The same type of food is served daily. The only difference is in the mix up of vegetables added to the Sambar. The food has rice, dal, eggs and vegetables.



<p>(ix) Dose the daily menu include rice / wheat preparation, dal and vegetables?</p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>
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The daily menu includes rice, Dal, eggs and vegetables. There is no wheat preparation.

<p><b>QUALITY &amp; QUANTITY OF MEAL:</b> Feedback from children on e) Quality of meal:</p>	<p>Observations of Investigation during MDM service</p>
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The quality of meal is good in almost all schools except PUMS Keelapasalai while the quality is average.

<p>4 f) Quantity of meal:</p>	<p>Observations of Investigation during MDM service</p>
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All children felt that the quantity of meal is adequate.

<p>c) {If children were not happy Please give reasons and suggestions to improve}</p>	<p>Observations of Investigation during MDM service</p>
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All the children felt that they are given adequate food and the quality is satisfactory.	
<b><u>SUPPLEMENTARY:</u></b>	Teachers, Students, School Record
<b>(ix) Whether children are given micronutrients (Iron, folic acid, vitamin – A dosage) and de-worming medicine periodically?</b>	
Yes.	
<b>(x) Who administers these medicines and at what frequency?</b>	Teachers, Students, School Record
The Health Check Up happens once in a year in 18 schools and in 22 schools the health check up happens once in 6 months.  The HM coordinates with the PHC to administer medicines in most of the schools.	
<b>(xi) Is there school Health Card maintained for each child?</b>	Teachers, Students, School Record
The health card is maintained only in 15 schools and the remaining 25 schools do not maintain the health card properly.	
<b><u>STATUS OF COOKS:</u></b>	Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.
<b>(iii) Who cooks and serves the meal? (Cook/helper appointed by the Department or Self Help Group, or NGO or Contractor)</b>	
The cook/helper appointed by the Department cooks and serves the meal. In most schools, the cooks and helpers engaged in the schools was not as per GOI norms.	
<b>(ii) Is the number of cooks and helpers adequate to meet the requirement of the school?</b>	Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.
The number of cooks and helpers are inadequate to meet the requirements in some of the schools due to vacancies.	
<b>( iii )What is remuneration paid to cooks/helpers?</b>	Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.

Organizers were paid in the scale of Rs 5000-5800 pm. The Head cook had a pay scale in the range of Rs 2000-2900 pm while the Helpers had a pay scale in the range of Rs1700-1900 pm.	
<b>(xii) Are the remuneration paid to cooks/helpers regularly?</b>	Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.
The remuneration is paid to cooks/helpers regularly in almost all the cases.	
<b>(v) Social Composition of cooks /helpers? (SC/ST/OBE/Minority)</b>	Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.
The Organisers, Cooks are Helpers in most of the schools belong to BC or MBC community. The table below shows the vacancies and the social composition in the appointment of cooks and helpers.	



Sl.No	Name of the School	Orgsr	Cook	Helper
1	PUPS MANAMABUVAYAL	BC	BC	BC
2	PUPS MARUTHAVAYAL	BC	BC	vacant
3	PUPS KANNANKOTTAI	BC	BC	BC
4	PUMS, KATCHATHANALLUR	BC	BC	BC
5	PUMS, THAYAMANGALAM	BC	BC	BC
6	PUPS, KEELAYUR COLON	BC	BC	SC
7	PUPS, MUTHUPATTI	SC	BC	BC
8	PUPS,MULIYARENDAL	BC	BC	BC
9	PUPS, MARAVAMANGALAM	BC	SC	MBC
10	PUMS, SENGULAM	BC	BC	BC
11	G.(ADW).PS, MALLAL	MBC	BC	BC
12	G.(ADW) .HSS, MALLAL	BC	SC	vacant
13	PUMS,T.NATIVIKOOTAI	BC	BC	BC
14	ADW. PRI .SCHOOL,ADIKKARAM	SC	SC	BC
15	PUMS,DEVANDADAVU	BC	BC	BC
16	GHSS,KANNANGUDI	BC	BC	BC
17	ADW.PS, UNJANAI	BC	BC	BC
18	ADW.GHS, UNJANAI	SC	SC	SC
19	PUMS, KEELAPPASALAI	MBC	BC	BC
20	MARUTHI, Anbu Nagar, Manamadurai	MBC	BC	BC
21	Olikadir	MBC	BC	BC
22	PUPS, KARISALPATTI	BC	BC	BC
23	PUPS, KARISALPATTI	BC	BC	BC
24	PUMS, MELAVANNARIIRUPPU	BC	BC	BC
25	PUMS, CHITIVAYAL	BC	BC	BC
26	PUPS, K.VELANGUDI	MBC	MBC	BC
27	PUMS, MITHRANGUDI	OC	MBC	MBC
28	PUPS, NO 3, SINGAMPUNARI	MBC	MBC	MBC
29	PUPS, NO 6, SINGAMPUNARI	MBC	MBC	vacant
30	PUPS, KIRUNGAKKOTTAI	MBC	MBC	MBC
31	PUMS, KANJIRANGAL	BC	BC	BC
32	PUPS, THIRUMANJOLAI	BC	BC	BC
33	Vasantham, Nehru Bazar, Sivagangai	BC	BC	BC
34	PUMS, THUVAR	MBC	BC	MBC
35	PUPS, THIRUPPATHUR	Bc	vacant	vacant
36	PUMS, MADAPURAM	MBC	BC	deputation
37	PUPS, KEELADI	MBC	BC	MBC
38	PUPS, VAIGAIVADAKARAI	BC	BC	MBC
39	PUMS, KANAKANKUDI	BC	BC	MBC
40	SEEDS, Pasiyapuram, Thiruppuvanam	BC	BC	MBC


4	<p><b><u>INFRASTRUCTURE:</u></b></p> <p><b>Is a pucca kitchen shed-cum-store:</b></p> <p>(k) <b>Constructed and in use</b></p> <p>(l) <b>Constructed but not in use</b></p> <p>(m) <b>Under construction</b></p> <p>(n) <b>Sanctioned, but constructed not started</b></p> <p>(o) <b>Not sanctioned</b></p> <p><b>Any other (specify)</b></p>	<p>School records, discussion with head teacher, teacher, VEC, Gram Panchayat members.</p>
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The pucca kitchen shed cum store is constructed and in use in most schools. Yet, there were some unsettling issues in the quality of the kitchen shed cum store in few of the schools which are outlined below:


- In PUPS Kirungakottai, the kitchen shed is damaged and no steps taken to renovate the shed but it is used for storage of food grains. Cooking of food takes place in a small area near to the class room. The teachers and students are finding it difficult because of the smoke that surrounds the entire class room. The cooking place needs to be shifted quite away from class room.
- In PUPS Vagaivadakarai, cooking is done at the open space due to damaged kitchen shed. It doesn't seem to be hygienic to cook food in the open space.
- In PUMS Thuvar, the kitchen shed is damaged and cannot be used even as store room.
- In PUPS Maruthavayal, the kitchen shed need repair work, it is damaged and no proper lighting available in the shed. There is a need to construct a kitchen cum store room.
- In PUPS Thirupathur, there is a need for store room and currently food grains are stored inside the class rooms.



<p>4 In case the pucca kitchen shed is not available, where is the food being cooked and where the food grains /other ingredients are being stored?</p>	<p>Discussion with head teacher, teacher, VEC, Gram Panchayat members, Observation</p>
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	In 24 schools the food grains are stored in the store room. In 16 schools it is stored in the class rooms.	
	<b>Whether potable water is available for cooking and drinking purpose?</b>	<b>-do-</b>
4	In 28 schools, they avail water for cooking and drinking purposes from the Panchyat or municipality. In 5 schools, ADW GHS Unjanai, PUPS Karisalpatti, PUMS Mithrangudi, PUPS Vaigaivadakarai and PUMS Kanakankudi bore well water is used for cooking food. The remaining schools fetch water from outside the school campus.	
4	<b>Whether utensils used for cooking food are adequate?</b>	Teachers/Organizer of MDM Programme
	27 schools have reported that the utensils used for cooking are inadequate.	
	<b>What is the kind of fuel used? (Gas based/firewood etc.)</b>	<b>Observation</b>
	All the 40 schools use firewood based cooking except G (ADW) HSS Mallal while both Gas based and firewood based cooking are being used.	
5		

<p><b><u>SAFETY &amp; HYGIENE:</u></b>  <b>vii. General Impression of the environment, Safety and hygiene:</b></p>	<p><b>Observation</b></p>
<p>Because of firewood there is a lot of smoke and soot on walls and ceiling. Working conditions are definitely NOT healthy for the kitchen staff. Ensuring proper ventilation in kitchens and shifting to gas based cooking will surely improve the situation.</p>	
<p><b>viii. Are children encouraged to wash hands before and after eating</b></p>	<p><b>Observation</b></p>
<p>No prompts from the teachers/organisers were noticed during the field visits. The children wash their hands only after the meal in 10 of the schools. The students wash their hands before and after meal in 30 of the schools but they do not use soap for washing hands. In 4 schools (PUMS Kanjirangal, PUMS Thuvar, PUPS Vaigaivadakarai and PUMS Kannankudi) the students use soap to wash their hands but there is only single soap that is being used by all the students. The SSA has provided fund to buy soaps (Rs. 100/- pm for each school) and also had given training in most of the schools on how to wash the hands. But, most of the schools implement the activities taught in the training.</p>	
<p>5</p>	

ix. Do the children par-take meals in an orderly manner?	Observation
Yes	
	
ii. Conservation of water?	Observation
<p>No wasteful practices were observed during the MI team’s visits. In 26 schools, the children consume water after meals but in 14 of the schools the children are not having a practice of drinking water after the meal was observed.</p>	
iii. Is the cooking process and storage of fuel safe, not posing any fire hazard?	Observation
<p>No hazardous conditions observed.</p>	
<b>COMMUNITY PARTICIPATION:</b> 5 Extent of participation by Parents/VECs/Panchayats/Urban bodies in daily supervision, monitoring, participation	Discussion with head teacher, teacher, VEC, Gram Panchayat members

	Parents or community participation was reportedly unsatisfactory. No school had roster being maintained by the community members for supervision of the MDM.	
5	<b>INSPECTION &amp; SUPERVISION</b> <b>Has the mid day meal programme been inspected by any state/district/block level officers/officials?</b>	<b>School records, discussion with head teacher, teachers, VEC, Gram Panchayat members</b>
	The mid day meal has been inspected by the Block level officers in most of the schools. There has been no instance of visit by State Level Officers in any schools in Sivaganga district.	
5	<b>IMPACT</b> <b>Has the mid day meal improved the enrolment, 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?</b>	<b>School records, discussion with head teacher, teachers, students, VEC, Gram Panchayat members.</b>
	The MDM is extremely beneficial to the children, especially the rural and urban poor. The scheme should be strengthened through allocation of more meals per school and should include ONE FRUIT and ONE GLASS MILK for every child every day.	

**Specific observations regarding individual schools/specific problems in Sivaganga district:**

- In PUMS Thayamangalam, the budget for MDM is allotted for 110 students but only 88 were present on the day of visit. The MDM organizer has still taken rice, dal and eggs for 110 children and entered the same in the register.
- In PUPS Keelayur colony, MDM organizer marks false attendance and takes allotment for 68 students while only 61 were present on the day of visit.
- In PUMS Devandadavu, the students do not like boiled eggs; they are willing to eat eggs cooked in different forms and not the same boiled egg every day.
- In ADW GHS Unjanai, both primary and higher secondary schools in the same campus having common MDM programme. The cooks and helpers are not sufficient to manage both the schools.
- In PUMS Keelapalai, the quality of mid day meal is average; the students are throwing away the eggs when unnoticed. The teachers feel that egg can be replaced with fruits and pulses.

**NOTE: As one of the outcomes of the visit of the 3<sup>rd</sup> Review Mission to Tamil Nadu on Mid day meal scheme during Jan-April 2012, the members of the Review Mission have suggested that all schools should appoint an ayah/cleaner for cleaning the schools premises and the toilets so as to maintain the health and hygiene of the schools.**





## Mid-Day Meal Scheme: Pudukottai District

(i)	Name of the Monitoring Institution	IIT Madras
(ii)	Period of the report	2012
(iii)	Name of the District	Pudukottai
(iv)	Date of visit to the Districts/EGS/Schools	21 <sup>st</sup> August to 6 <sup>th</sup> September

5	<b><u>REGULARITY IN SERVING MEAL:</u></b> 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	
	The school is serving hot cooked meals daily in all schools.				
5	<b><u>TRENDS:</u></b> 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.	
	No.	Details	Day previous to date of visit		On the day of visit
	ix.	Enrolment	4122		4122
	x.	No. of children attending the school on the day of visit	3826		3826
	xi.	No. of children availing MDM as per MDM Register	3649		3675
	ii.	No. of children actually availing MDM on the day of visit	3649	3675	
*approximate value...not verified					
5	<b><u>REGULARITY IN DELIVERING FOOD GRAINS TO SCHOOL LEVEL:</u></b> (x) Is school receiving food grain regularly? If there is delay in delivering food grains, what is the extent of delay and reasons for the same?			School level registers, MDM Registers, Head Teacher, School level MDM functionaries.	

All the schools are receiving food grains regularly.	
<b>(xi) Is buffer stock of one-month's requirement is maintained?</b>	<b>School level registers, MDM Registers, Head Teacher, School level MDM functionaries</b>
The buffer stock of 45 days requirement is maintained in 8 schools and 30 days requirement in 31 schools and only in PUMS Kadukkakadu there is no stock. The stock was emptied on 6-8-12 and they haven't yet received food grains. The organizer is buying food grains outside for debt.	
<b>(xii) Is the food grains delivered at the school?</b>	<b>School level registers, MDM Registers, Head Teacher, School level MDM functionaries</b>
The food grains are delivered at the school premises in case of all the schools.	
<b><u>REGULARITY IN DELIVERING COOKING COST TO SCHOOL LEVEL:</u></b> <b>(x) Is school receiving cooking cost in advance regularly? If there is delay in delivering cooking custom what is the extent of delay and reasons for it?</b>	School level registers, MDM Registers, Head Teacher, School level MDM functionaries.
The cooking cost and Salary to MDM staff had delayed for the last two months in most of the schools of Pudukottai district. There is a little change in the flow of funds since it was paid directly to the organizer earlier. Now, the funds are sent to the treasury and then it gets transferred to MDM organizer. This change had caused the delay in receiving the cooking cost and salary.	
<b>5 (xi) In case of delay, how schools manage to ensure that there is no disruption in the feeding programme?</b>	School level registers, MDM Registers, Head Teacher, School level MDM functionaries.
In case of delay, the schools claim that the money of organizer is used so as to ensure that there is no disruption in the implementation of the scheme.	
<b>(xii) Is cooking cost paid by Cash or through banking channel?</b>	School level registers, MDM Registers, Head Teacher, School level MDM functionaries.
The cooking cost is paid by banking channel (ATM) in all the schools.	
<b>5 <u>SOCIAL EQUITY:</u> Did you observe any gender or caste or community discrimination in cooking or serving or seating arrangements?</b>	Observations

	<p>In the case of 18 schools the children were seated in the Varandah for MDM and in 12 schools they were seated inside the class rooms. In GHS Karuppukudipatti children were scattered and formed small groups inside the campus to have food. In PUPS Soorakadu, the children had their food in an old building inside the campus.</p>	
6	<p><b><u>VARIETY OF MENU:</u></b>  <b>(x) Has the school displayed its weekly menu, and is it able to adhere to the menu displayed?</b></p> <p>The menu was displayed only in 4 of the Residential Special Training Centers, KASA Arimalam, RDO Arimalam, Word Thiruvarangulam and PMSSS Pudukottai. However, in RDO Arimalam, the food displayed in the menu was not given to the children. It was mentioned as Bread Omlette for breakfast on Sunday but the children were given rice porridge.</p> <p>The remaining schools have not displayed the menu anywhere. Most of the schools follow the menu decided by the Government of Tamil Nadu and in some cases the schools follow the menu given by the BDO/PWD/Collector.</p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>
6	<p><b>(xi) Is there variety in the food served or is the same food served daily?</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>

The same type of food is served daily. The only difference is in the mix up of vegetables added to the Sambar. The food has rice, dal, eggs and vegetables.



(xii) Dose the daily menu include rice / wheat preparation, dal and vegetables?

Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.

The daily menu includes rice, Dal, eggs and vegetables. There is no wheat preparation.

**QUALITY & QUANTITY OF MEAL:**

6

Feedback from children on

g) Quality of meal:

Observations of Investigation during MDM service

The quality of meal is good in almost all schools except PUPS Manavalankarai while the quality is average.



<p><b>h) Quantity of meal:</b></p>	<p>Observations of Investigation during MDM service</p>
<p>All children felt that the quantity of meal is adequate.</p>	
<p><b>c) {If children were not happy Please give reasons and suggestions to improve}</b></p>	<p>Observations of Investigation during MDM service</p>
<p>All the children felt that they are given adequate food and the quality is satisfactory.</p>	
<p><b>SUPPLEMENTARY:</b></p>	
<p><b>(xiii) Whether children are given micronutrients (Iron, folic acid, vitamin – A dosage) and de-worming medicine periodically?</b></p>	<p>Teachers, Students, School Record</p>
<p>Yes.</p>	
<p><b>(xiv) Who administers these medicines and at what frequency?</b></p>	<p>Teachers, Students, School Record</p>

<p>The Health Check Up happens once in a year in 18 schools and in 22 schools the health check up happens once in 6 months.</p> <p>The HM coordinates with the PHC to administer medicines in most of the schools.</p>	
<p><b>(xv) Is there school Health Card maintained for each child?</b></p>	<p>Teachers, Students, School Record</p>
<p>The health card is maintained only in 15 schools and the remaining 25 schools do not maintain the health card properly.</p>	
<p><b><u>STATUS OF COOKS:</u></b></p> <p><b>(iv) Who cooks and serves the meal? (Cook/helper appointed by the Department or Self Help Group, or NGO or Contractor)</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>
<p>The cook/helper appointed by the Department cooks and serves the meal. In most schools, the cooks and helpers engaged in the schools was not as per GOI norms.</p>	
<p><b>(ii) Is the number of cooks and helpers adequate to meet the requirement of the school?</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>
<p>6 The number of cooks and helpers are inadequate to meet the requirements in some of the schools due to vacancies.</p>	
<p><b>( iii )What is remuneration paid to cooks/helpers?</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>
<p>Organizers were paid in the scale of Rs 5000-5800 pm. The Head cook had a pay scale in the range of Rs 2000-2900 pm while the Helpers had a pay scale in the range of Rs1700-1900 pm.</p>	
<p><b>(xvi) Are the remuneration paid to cooks/helpers regularly?</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>

<p>The cooking cost and Salary to MDM staff had delayed for the last two months in most of the schools of Pudukottai district. There is a little change in the flow of funds since it was paid directly to the organizer earlier. Now, the funds are sent to the treasury and then it gets transferred to MDM organizer. This change had caused the delay in receiving the cooking cost and salary.</p>	
<p><b>(v) Social Composition of cooks /helpers? (SC/ST/OBE/Minority)</b></p>	<p>Observations and discussion with children teachers, parents, VEC members, Gram Panchayat members and cooks.</p>
<p>The Organisers, Cooks are Helpers in most of the schools belong to BC or MBC community. The table below shows the vacancies and the social composition in the appointment of cooks and helpers.</p>	

<b>Name of the School</b>	<b>Organizer</b>	<b>Cook</b>	<b>Helper</b>
ADWPS Kurukalayapatti	BC	SC	SC
PUMS Pulvayal	SC	BC	BC
PUPS Chidhambraaviduthi	BC	BC	SC
PUMS Pudukkottai	BC	MBC	MBC
PUPS Narikuravar colony	BC (Chettiyar)	Vacant	MBC
PUMS Mangudi	BC	MBC	SC
PUPS kannangaragudi	OC	BC	BC
PUPS Manapatti	OC	BC	BC
KASA	OC	BC	BC
RDO	OC	BC	BC
PUPS Kallanenthal	vacant	BC	BC
PUPS Amaradakki	BC	BC	Vacant
PUES Thatangkuruchi	BC	BC	SC
PUES Pisanathur	MBC	BC	BC
PUMS Moganur	SC	BC	MBC
PUPS Soorakkadu	BC	BC	BC
PUPS Mettuppatti	BC	BC	Vacant
PUMS Kadukkakadu	SC	BC	SC
PUMS Kolappampatti	BC	BC	Vacant
PUPS - Kulathur	BC	BC	BC
PUPS - Vathanakurichi	BC	BC	BC
PUPS - Konguthirayanpatty	OC	Vacant	BC
PUPS Kolenthiram	BC	MBC	BC
PUPS Jegathapattinam	BC	MBC	BC
PUMS Sellanenthal	OBC	OBC	OBC
PUPS Keelapatti	vacant	Vacant	BC
PUPS Ponnamaravathy	BC	Vacant	BC
GHS Karuppukudipatti	BC	MBC	SC
PMSSS Pudukottai	BC	deputation	deputation
PUPS - Chokkanathapatti	BC	deputation	deputation
MMS Malaiedu	BC	SC	Vacant
PUMS. Kottaiyur	BC	BC	BC
PUPS. Nagarathupatti	MBC	Vacant	MBC
PUPS. Manavalankarai	BC	SC	Vacant
PUPS Neduvasal (N)	MBC	Vacant	Vacant
PUMS Vadakkupatti (Vadakadu)	BC	BC	BC
WORD	BC	BC	BC
PUPS Kodalikudi	MBC	BC	MBC
PUMS Velur	SC	BC	BC
PUMS Rajagiri	MBC	BC	BC



<p><b><u>INFRASTRUCTURE:</u></b></p> <p><b>Is a pucca kitchen shed-cum-store:</b></p> <p>6      (p) <b>Constructed and in use</b></p> <p>         (q) <b>Constructed but not in use</b></p> <p>         (r) <b>Under construction</b></p> <p>         (s) <b>Sanctioned, but constructed not started</b></p> <p>         (t) <b>Not sanctioned</b></p> <p><b>Any other (specify)</b></p>	<p>School records, discussion with head teacher, teacher, VEC, Gram Panchayat members.</p>
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The pucca kitchen shed cum store is constructed and in use in most schools. Yet, there were some unsettling issues in the quality of the kitchen shed cum store in few of the schools which are outlined below:

- In ADWPS Kurukalayapatti, the kitchen shed is damaged and there is no proper place to cook and store the food grains.
- In PUMS Moganur, cooking is done in an old damaged building which is not safe and hygienic.
- In PUPS Soorakadu, an old class room is used as store room and a small place near the school playground is used for cooking. There is a need for kitchen shed cum store room
- Similarly, in PUPS Neduvasal the food is cooked in an old school building and there is no proper place to store the food grains as well.



<p>6 In case the pucca kitchen shed is not available, where is the food being cooked and where the food grains /other ingredients are being stored?</p>	<p>Discussion with head teacher, teacher, VEC, Gram Panchayat members, Observation</p>
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In 24 schools the food grains are stored in the store room. In the remaining schools it is stored in the class rooms.



**Whether potable water is available for cooking and drinking purpose?**

**-do-**

6

In most of the schools, the Panchayat/municipal water is stored in a syntax container and used for drinking and cooking purposes. In PUPS Manapatti and PUMS Mangudi packaged drinking water is bought for drinking purpose. In PUPS Chidambaraviduthi and PUES Pisanathur there is RO plant for water purification. In PUPS Kodalikudi and PUMS Mangudi borewell pump inside the campus is used.

**Whether utensils used for cooking food are adequate?**

Teachers/Organizer of MDM Programme

6


34 schools have reported that the utensils used for cooking are inadequate.

**What is the kind of fuel used? (Gas based/firewood etc.)**

**Observation**

6

All the 40 schools use firewood based cooking.

<p><b><u>SAFETY &amp; HYGIENE:</u></b></p> <p>x. <b>General Impression of the environment, Safety and hygiene:</b></p>	<p><b>Observation</b></p>
<p>Because of firewood there is a lot of smoke and soot on walls and ceiling. Working conditions are definitely NOT healthy for the kitchen staff. Ensuring proper ventilation in kitchens and shifting to gas based cooking will surely improve the situation.</p> 	
<p>xi. <b>Are children encouraged to wash hands before and after eating</b></p>	<p><b>Observation</b></p>

No prompts from the teachers/organisers were noticed during the field visits. The children wash their hands only after the meal in 10 of the schools. The students wash their hands before and after meal in 30 of the schools but they do not use soap for washing hands.

In 6 schools (PUPS Narikuravar colony, PUPS Kannangaragudi, PUES Pisanathur, PUPS Soorakadu, PUMS Kadakkukadu and PUPS Keelapatti) the students use soap to wash their hands but there is only single soap that is being used by all the students. The SSA has provided fund to buy soaps (Rs. 100/- pm for each school) and also had given training in most of the schools on how to wash the hands. But, most of the schools implement the activities taught in the training.



xii. Do the children par-take meals in an orderly manner?

Observation

Yes



<p>ii. Conservation of water?</p>	<p>Observation</p>
<p>No wasteful practices were observed during the MI team’s visits. In 26 schools, the children consume water after meals but in 14 of the schools the children are not having a practice of drinking water after the meal was observed.</p>	
<p>iv. Is the cooking process and storage of fuel safe, not posing any fire hazard?</p>	<p>Observation</p>
<p>No hazardous conditions observed.</p>	
<p>7 <b>COMMUNITY PARTICIPATION:</b> Extent of participation by Parents/VECs/Panchayats/Urban bodies in daily supervision, monitoring, participation</p>	<p>Discussion with head teacher, teacher, VEC, Gram Panchayat members</p>

	Parents or community participation was reportedly unsatisfactory. No school had roster being maintained by the community members for supervision of the MDM.	
7	<b>INSPECTION &amp; SUPERVISION</b> <b>Has the mid day meal programme been inspected by any state/district/block level officers/officials?</b>	<b>School records, discussion with head teacher, teachers, VEC, Gram Panchayat members</b>
	The mid day meal has been inspected by the Block level officers in most of the schools. There has been no instance of visit by State Level Officers in any schools in Pudukottai district.	
7	<b>IMPACT</b> <b>Has the mid day meal improved the enrolment, 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?</b>	<b>School records, discussion with head teacher, teachers, students, VEC, Gram Panchayat members.</b>
	The MDM is extremely beneficial to the children, especially the rural and urban poor. The scheme should be strengthened through allocation of more meals per school and should include ONE FRUIT and ONE GLASS MILK for every child every day.	

**Specific observations regarding individual schools/specific problems in Pudukottai district:**

- There is no separate MDM center in PUPS Kannangaragudi, lunch is provided to 20 students and every day the mixed sambar rice is served to the children.
- In PUPS Pudukottai, the organizer post is vacant and there is a person deputed to this school. The vegetables are bought once in 3 days and there is no proper coordination among the cook, helper and the deputed staff.



- In PUPS Amaradakki, there are 63 students enrolled and only 58 students have opted for MDM. But, the organizer update MDM cost for 60 students in the register every day.
- In ADWPS Kurukalayapatti, the kitchen shed is damaged and there is no proper place to cook and store the food grains.
- In PUMS Moganur, cooking is done in an old damaged building which is not safe and hygienic.
- In PUPS Soorakadu, an old class room is used as store room and a small place near the school playground is used for cooking. There is a need for kitchen shed cum store room
- Similarly, in PUPS Neduvasal the food is cooked in an old school building and there is no proper place to store the food grains as well.

**NOTE: As one of the outcomes of the visit of the 3<sup>rd</sup> Review Mission to Tamil Nadu on Mid day meal scheme during Jan-April 2012, the members of the Review Mission have suggested that all schools should appoint an ayah/cleaner for cleaning the schools premises and the toilets so as to maintain the health and hygiene of the schools.**

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