

# Mid Day Meal Scheme Monitoring Report Rajasthan 

(October 2010 to 31 March 2011)

District Covered<br>Ajmer<br>Baran<br>Bikaner<br>Chittorgarh



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## Executive Summary

1. The present study on Mid Day Meal Scheme in Rajasthan forms part of the SSA Monitoring carried out by the Institute of Development Studies, Jaipur (MI). Four Districts Ajmer, Baran, Bikaner and Chittorgarh were selected for the first quarter. 40 schools were selected randomly in each district. An effort was made to cover every block in the sample. Thus 160 elementary level schools were selected for the study. Out of these schools- 19 were urban PS, 29 were urban UPS, 54 were rural P.S and 58 were rural UPS.
2. In majority schools the MDM was being served regularly. Out of the total schools surveyed, 63.1 percent schools the MDM was being cooked in the school premises under the supervision of the SMC; in 12.5 percent schools the MDM is prepared and served by Mahila Annapurana Seva Samiti and SHGs. In 24.4 percent schools the MDM was being supplied through centralized kitchen system i.e. by Nandi Foundation.
3. Out of total surveyed schools 76.3 percent schools reported that the MDM was being served regularly in the past 12 months. Out of total 160 schools surveyed, 38 (23.7 percent) school reported that there was interruption in supply of MDM. The number of schools where MDM supply was interrupted is higher in Baran district. The reasons for disruption include- lack of supply from centralized kitchen, irregular supply of food grain, interruption due to non availability of cooks in the school and delay in receiving cooking cost.
4. Out of the total children enrolled as per the school register enrolled, 63.3 percent children ( 64.8 percent boys and 62.0 percent girls) were availing MDM on the day of visit of the MI. The percentage was higher in Chittorgarh and lowest in Baran district. Gender wise data reveals that gender-gap was higher in Ajmer district.
5. But on the basis of head count the MI found that out of the total enrolment, 53.8 percent children ( 54.1 percent boys and 53.5 percent girls) were physically present and were availing of MDM.
6. 66.1 percent schools were receiving food grains on a regular basis. In 33.9 per cent schools the supply was irregular. The reason for delay in delivery of food grain was due to delay at FCI level and delay due to lack of transport facilities. In case of such delays food grain was borrowed from neighboring schools. The delay in supplying the food grains is generally 1-4 weeks. 66 per cent schools reported that they had a buffer stock to deal with any situation of irregular supply.
7. The quality of food grain supplied was reported well by 18.2 percent teachers while 60.3 percent teachers reported that it was average. 21.5 percent teachers articulated that the quality of food grain was poor. District wise situation reveals that quality of grains was found to be poorer in Baran followed by Chittorgarh.
8. 32.2 percent schools reported that they have been receiving cooking cost in advance while the remaining had not received cooking cost in advance. Delay in receiving cooking cost ranged from 1 month to 5 months.
9. In 43.8 percent schools no overt discriminatory pattern was observed with regard to serving of MDM. All caste group children, both boys and girls were seen to be serving food in these schools. The district wise situation reveals that schools where there was no discrimination was higher in Chittorgarh followed by Ajmer district.
10. In 80 percent schools MDM was being prepared according to the menu prescribed by the Department. In 66.2 percent of the schools visited by the MI, the weekly menu was seen displayed in the school premises.
11. In 82.5 percent schools, children reported that they were satisfied with the quantity of MDM. Satisfaction level was found to be higher in Chittorgarh and Ajmer district. 62.5 percent children expressed satisfaction with the quality of meal supplied. However in Chittorgarh Bikaner and Baran districts the children were not satisfied with the quality of meals provided.
12. Majority of the schools reported that the health check is carried out once a year. In 12.5 per cent schools, no health check up has been carried out. Maximum number of schools are in Chittorgarh. Only 42.5 percent schools had maintained a health register.
13. In 75.6 percent schools where cooking is being carried out in the school premises, the cooks have been appointed by the SMC. In 84.3 percent schools cooks and helper were available as per requirement. The average remuneration paid to the cooks and helpers ranges from Rs.1000-Rs. 1200. Atotalof 208cooks ( 187 women an d 21 men. Caste wise situation reveals that highest number of women and men belong to OBC group.
14. In the schools where the MDM was being prepared in the school premises, 81 percent schools had a pucca kitchen shed. In 75.7 percent schools storage facilities for food grains was available. In the remaining schools storage facility had been sanctioned and in some it was under construction. In 85.6 percent schools sufficient water was available for the purpose of cooking, drinking and washing.
15. In 70.2 percent schools firewood was being used for cooking MDM.
16. The participation of parents, VEC members and PRIs in monitoring and Supervision of MDM was reported only in 27 percent schools. No roaster system was being maintained in the schools
17. Regular inspection of MDM was reported in only 35.6 percent schools. No inspection of MDM has been carried out by the SPMU.
18. In 36.2 percent schools teachers reported that, the MDM had helped in improving the enrolment. 61.2 percent school teachers expressed that MDM had also helped in improving the attendance of children in schools. It had also helped in improving the general nutritional levels of children. Some incidental benefits are also visible on the younger children who accompany their siblings to school.

## Consolidated Report

## Mid Day Meal Scheme in Rajasthan

## Introduction

Rajasthan was one of the first states to implement the SC directives to provide cooked mid day meals in all government schools. Cooked meals began to be served to all children studying in Std. 1-V in all 32 districts of Rajasthan in the beginning of 2002 academic year.

As part of the SSA monitoring the MDM scheme was also to be covered by the MI.

## General Information of Surveyed Schools

For the present study an effort was made to cover every block in the sample. 40 schools were selected randomly in each district thus 160 elementary level schools were selected for the study. Out of these schools- 19 were urban PS, 29 were urban UPS, 54 were rural P.S and 58 were rural UPS. Table 1

Table 1: District wise number of school covered by Type and locality of Schools

| Name of District | Urban Schools |  | Rural Schools |  | Total Schools |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Primary | Upper <br> Primary | Primary | Upper Primary |  |
| Ajmer | $\begin{gathered} 5 \\ (12.5) \\ \hline \end{gathered}$ | $\begin{gathered} 9 \\ (22.5) \\ \hline \end{gathered}$ | $\begin{gathered} 11 \\ (27.5) \\ \hline \end{gathered}$ | $\begin{gathered} 15 \\ (37.5) \\ \hline \end{gathered}$ | $\begin{gathered} 40 \\ (100.0) \\ \hline \end{gathered}$ |
| Baran | $\begin{gathered} 6 \\ (15.0) \\ \hline \end{gathered}$ | $\begin{gathered} 4 \\ (10.0) \\ \hline \end{gathered}$ | $\begin{gathered} 17 \\ (42.5) \\ \hline \end{gathered}$ | $\begin{gathered} 13 \\ (32.5) \\ \hline \end{gathered}$ | $\begin{gathered} 40 \\ (100.0) \\ \hline \end{gathered}$ |
| Bikaner | $\begin{gathered} 4 \\ (10.0) \end{gathered}$ | $\begin{gathered} 8 \\ (20.0) \end{gathered}$ | $\begin{gathered} 14 \\ (35.0) \end{gathered}$ | $\begin{gathered} 14 \\ (35.0) \end{gathered}$ | $\begin{gathered} \hline 40 \\ (100.0) \end{gathered}$ |
| Chittorgarh | $\begin{gathered} 4 \\ (10.0) \end{gathered}$ | $\begin{gathered} 8 \\ (20.0) \end{gathered}$ | $\begin{gathered} 12 \\ (30.0) \end{gathered}$ | $\begin{gathered} 16 \\ (40.0) \end{gathered}$ | $\begin{gathered} 40 \\ (100.0) \end{gathered}$ |
| Total | $\begin{gathered} 19 \\ (11.9) \\ \hline \end{gathered}$ | $\begin{gathered} 29 \\ (18.1) \\ \hline \end{gathered}$ | $\begin{gathered} 54 \\ (33.8) \\ \hline \end{gathered}$ | $\begin{gathered} 58 \\ (36.2) \\ \hline \end{gathered}$ | $\begin{gathered} 160 \\ (100.0) \\ \hline \end{gathered}$ |

## (1) Regularity in serving meal at school level

Out of the total 160 schools surveyed cooked MDM was being served in 157 schools on the day of the visit of the MI. In three schools ( two in Bikaner and one school in Chittorgarh district) MDM was not being served. Out of the total schools surveyed, 63.1 percent schools the MDM was being cooked in the school premises under the supervision of the SMC; in 12.5 percent schools the MDM is prepared and served by Mahila Annapurana Seva Samiti and SHGs. In 24.4 percent schools the MDM was being supplied through centralized kitchen system i.e. by Nandi Foundation. The district wise situation reveals that in Bikaner MDM is largely being managed by the SMC whereas in Chittorgarh the MDM is supplied mainly by the Centralized kitchen of Nandi Foundation. Table 2 and 3

Table 2: District wise number of Schools serving hot meal daily

| Name of District | Yes | No | Total |
| :--- | :---: | :---: | :---: |
| Ajmer | 40 | 0 | 40 |
| Baran | 40 | 0 | 40 |
| Bikaner | 38 | 2 | 40 |
| Chittorgarh | 39 | 1 | 40 |
| Total | 157 | 3 | 160 |
|  | $(98.1)$ | $(1.9)$ | $(100.0)$ |

Table 3: District wise number of school covered by Type of MDM serving Institution

| Name of <br> District | School <br> SMC | Annapurna <br> /SHG | Centralized <br> Kitchen/ | Othe <br> rs | Total Schools |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Ajmer | 31 | 2 | 7 |  | 40 |
| Baran | 24 | 16 |  |  | 40 |
| Bikaner | 35 |  | 5 |  | 40 |
| Chittorgarh | 11 | 2 | 27 |  | 40 |
| Total | 101 <br> $(63.1)$ | 20 <br> $(12.5)$ | 39 <br> $(24.4)$ | 160 <br> $(100.0)$ |  |

## Interruption in MDM (Last twelve months)

Out of total surveyed schools 76.3 percent schools reported that the MDM was being served regularly in the past 12 months. But 23.7 percent schools reported that there was an interruption in serving of MDM. The average number of the days MDM was disrupted ranged from 7-25 days. Table 4.

Table 4: District wise number of Schools reported Interruption in supplying MDM during last one year

| Name of District | Yes | No | Total |
| :--- | :---: | :---: | :---: |
| Ajmer | 7 | 33 | 40 |
| Baran | 14 | 26 | 40 |
| Bikaner | 9 | 31 | 40 |
| Chittorgarh | 8 | 32 | 40 |
| Total | 38 | 122 | 160 |
|  | $(23.8)$ | $(76.2)$ | $(100.0)$ |

## Reason for interruption in supplying MDM

Out of total 160 schools surveyed, 38 (23.7 percent) school reported that there was interruption in supply of MDM. District wise situation reveals that number of schools where MDM supply was interrupted is higher in Baran district. The reasons for disruption include- 4 schools reported interruption due to lack of supply from centralized kitchen, 24 schools reported irregular supply of food grain, and 5 schools reported interruption due to non availability of cooks in the schools, 4 schools reported delay in receiving cooking cost Table 6.

Table 6: District wise number of schools reported reason for interruption in supplying MDM

| Name of <br> District | Reason for not supplying MDM |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | NGO not <br> supplied | Lack of <br> supply of <br> food grains | Non <br> availability of <br> cook | Not supplying <br> the cooking <br> cost | total |
| Ajmer |  | 4 | 1 | 2 | 7 |
| Baran |  | 9 | 3 | 2 | 14 |
| Bikaner | 2 | 7 |  |  | 9 |
| Chittorgarh | 2 | 4 | 1 | 1 | 8 |
| Total | 4 | 24 | 5 | 4 | 38 |
|  | $(10.5)$ | $(63.2)$ | $(13.2)$ | $(13.1)$ | $(100.0)$ |

## (2) Trends (Enrollment, attendance and number of children actual availing MDM)

The total enrollment in the surveyed schools was 21338 (9827 boys and 11511 girls). Sex ratio in total enrollment was 46.1 boys and 53.9 girls. District wise enrollment in the 40 surveyed schools is higher in Bikaner and lowest in Chittorgarh while sex ratio in enrollment
is similar in all districts. As per the attendance register 63.6 percent children ( 64.3 percent boys and 63.0 percent girls) were present in the schools on the day of the visit of the MI. District wise data reveals that percentage of children's attendance is higher in Ajmer( 71.7 percent ) followed by Chittorgarh ( 68.0 percent) and $\operatorname{Bikaner}(59.9$ percent) and lowest is in Baran (55.5percent).Gender wise situation of attendance is also same in the districts.

According to the MDM register, out of the total children enrolled, 63.3 percent children (64.8 percent boys and 62.0 percent girls) were availing MDM on the day of visit of the MI. It is evident that the percentage is higher in Chittorgarh and lowest in Baran district. Gender wise data reveals that gender-gap is higher in Ajmer district.

On the basis of head count the MI found that out of the total enrolment, 53.8 percent children ( 54.1 percent boys and 53.5 percent girls) were physically present and were availing of MDM. Districtwise percentage of physically present children was found highest in Ajmer ( 65.4 percent) and lowest in Baran( 45.3 percent). There is no gender gap in physical presence in the districts. Table 7

Table 7: District wise Trends in Enrollment, attendance and number of children availing MDM in surveyed schools

| Name of | Enrollment |  |  | Attendance as per Register |  |  | Availing MDM as per register |  |  | Actual MDM availing |  |  | Physically present |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Boys | Girls | Total | Boys | Girls | Total | Boys | Girls | Tota <br> 1 | Boys | Girls | Total | Boys | Girls | Total |
| Ajmer | 2341 | 2971 | 5312 | 1722 | 2085 | 3807 | 1720 | 1941 | 3661 | 1651 | 1925 | 3576 | 1545 | 1927 | 3472 |
| Baran | 2154 | 2531 | 4685 | 1229 | 1373 | 2602 | 1176 | 1331 | 2507 | 1054 | 1277 | 2331 | 1009 | 1114 | 2123 |
| Bikaner | 3219 | 3612 | 6831 | 1924 | 2167 | 4091 | 1920 | 2143 | 4063 | 1625 | 1763 | 3388 | 1633 | 1840 | 3473 |
| Chittorg arh | 2113 | 2397 | 4510 | 1441 | 1627 | 3068 | 1551 | 1728 | 3279 | 1006 | 1211 | 2217 | 1134 | 1279 | 2413 |
| Total | 9827 | $1151$ | 21338 | $\begin{aligned} & \hline 6316 \\ & (64.3) \end{aligned}$ | $\begin{aligned} & 7252 \\ & (63.0) \\ & \hline \end{aligned}$ | $\begin{aligned} & 13568 \\ & (63.6) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 6367 \\ & (64.8) \end{aligned}$ | $\begin{aligned} & \hline 7143 \\ & (62.0) \end{aligned}$ | $\begin{aligned} & 13510 \\ & (63.3) \end{aligned}$ | 5336 | 6176 | 11512 | $\begin{aligned} & 5321 \\ & (54.1) \\ & \hline \end{aligned}$ | $\begin{aligned} & 6160 \\ & (53.5) \\ & \hline \end{aligned}$ | $\begin{aligned} & 11481 \\ & (53.8) \end{aligned}$ |

## (3) Regularity in delivering food grains to school level

It was found that 66.1 percent schools were receiving food grains on a regular basis. In 33.9 per cent schools the supply was irregular. In 32.2 percent schools food grain was delivered within a month; 48.8 percent schools reported that the food grain is delivered between one to three months, while 19.0 percent schools reported that it took three months for the food grain to be supplied.

While there was no delay in 66 percent schools, 24 percent schools reported that the primary reason for delay in delivery of food grain was due to delay at FCI level. In 10 percent schools the delay was due to lack of transport facilities. In case of such delays food grain was borrowed from neighboring schools. It was reported that the delay in supplying the food grains is generally 1-4 weeks. However 10 schools reported that grain was supplied after four weeks. Of these 6 schools were in Bikaner district. Table 8,9,10.

Table 8: District wise number of schools reporting regularity
in delivering food grains

| Name of District | Yes | No | Total |
| :--- | :---: | :---: | :---: |
| Ajmer | 20 | 13 | 33 |
| Baran | 33 | 7 | 40 |
| Bikaner | 16 | 19 | 35 |
| Chittorgarh | 11 | 2 | 13 |
| Total | 80 | 41 | 121 |
|  | $(66.1)$ | $(33.9)$ | $(100.0)$ |

Table 9: Frequency of delivering food grains at school level

| Name of <br> District | Up to 1 <br> month | $\mathbf{1 - 3}$ months | More than 3 <br> months | Total |
| :--- | :---: | :---: | :---: | :---: |
| Ajmer | 21 | 3 | 9 | 33 |
| Baran | 9 | 28 | 3 | 40 |
| Bikaner | 4 | 21 | 10 | 35 |
| Chittorgarh | 6 | 6 | 1 | 13 |
| Total | 40 | 58 | 23 | 121 |

Table 10: Reason for delay in supplying food grain

| Name of District | No delay | Delay by FCI | Lack of <br> transport | Total |
| :--- | :---: | :---: | :---: | :---: |
| Ajmer | 20 | 10 | 3 | 33 |
| Baran | 33 | 5 | 2 | 40 |
| Bikaner | 16 | 12 | 7 | 35 |
| Chittorgarh | 11 | 2 |  | 13 |
| Total | 20 <br> $(66.0)$ | 29 <br> $(24.0)$ | 12 <br> $(10.0)$ | 121 $\mathbf{l}$ |

66 per cent schools reported that they had a buffer stock to deal with any situation of irregular supply while the remaining stated that they do not keep a buffer stock. District wise position shows that number of schools not having buffer stock is higher in Bikaner followed by Ajmer district. Table 11.

Table 11: Schools maintaining buffer stock for one month

| Name of District | Yes | No | Total |
| :--- | :---: | :---: | :---: |
| Ajmer | 20 | 13 | 33 |
| Baran | 33 | 7 | 40 |
| Bikaner | 16 | 19 | 35 |
| Chittorgarh | 11 | 2 | 13 |
| Total | 80 | 41 | 121 |
|  | $(66.0)$ | $(34.0)$ | $(100.0)$ |

Out of total school receiving food grain at school level, 63.6 percent had received the specified quantity of food grain. However, 36.4 per cent schools reported that they received lesser quantity than specified. The variation ranges between $2-5 \mathrm{~kg}$ per bag. The food grain was supplied at the school level in 89.3 percent of schools while the remaining schools were receiving food grain from FCI godown or nearby schools.

With respect to the quality of food grain supplied, 18.2 percent teachers reported that the quality of food grain was good, whereas 60.3 percent teachers reported that it was average. 21.5 percent teachers articulated that the quality of food grain was poor. District wise situation reveals that quality of grains was found to be poorer in Baran followed by Chittorgarh and Bikaner district Table 12.

Table 12: District wise schools reporting quality of food grains

| Name of District | Quality of food grains |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Good | Average | POOR | total |
| Ajmer | 7 | 23 | 3 | 33 |
| Baran | 7 | 20 | 13 | 40 |
| Bikaner | 5 | 23 | 7 | 35 |
| Chittorgarh | 3 | 7 | 3 | 13 |
| Total | 22 | 73 | 26 | 121 |
|  | $(18.2)$ | $(60.3)$ | $(21.5)$ | $(100.0)$ |

(4) Regularity in delivering cooking cost to schools
32.2 percent schools reported that they have been receiving cooking cost in advance while the remaining had not received cooking cost in advance. Delay in receiving cooking cost ranged from 1 month to 5 months. In such situations the teachers often borrow cooking materials /spices from the neighboring shopkeepers. The main reason for delay in delivering cooking cost includes delays in transferring money from the district and block level into SMC account. If we look at the district wise delay in cooking cost, we find highest number of schools in Bikaner had not received cooking cost on time, followed by Ajmer and Baran districts. Table 13

The cooks are usually paid in cash and their honorarium has been increased to Rs. 1000. Majority of the cooks reported that the amount paid for cooking was not adequate, given the remuneration paid in the MNREGA and other development programs is higher.

Table 13: Schools receiving cooking cost in advance

| Name of District | Yes | No | Total |
| :--- | :---: | :---: | :---: |
| Ajmer | 12 | 21 | 33 |
| Baran | 13 | 27 | 40 |
| Bikaner | 11 | 24 | 35 |
| Chittorgarh | 3 | 10 | 13 |
| Total | 39 | 82 | 121 |
|  | $(32.2)$ | $(67.8)$ | $(100.0)$ |

Table 14: Delay in receiving cooking cost

| Name of <br> District | No delay | $\mathbf{1 - 4}$ weeks <br> delay | More than4 <br> week | total |
| :--- | :---: | :---: | :---: | :---: |
| Ajmer | 12 | 5 | 16 | 33 |
| Baran | 13 | 12 | 15 | 40 |
| Bikaner | 11 | 4 | 20 | 35 |
| Chittorgarh | 3 | 5 | 5 | 13 |
| Total | 39 <br> $(32.2)$ | 26 <br> $(21.5)$ | $\left.\begin{array}{c}56 \\ \end{array} 46.3\right)$ | 121 <br> $(100.0)$ |

## (5) Social equity in MDM

In most schools it was observed that children could sit anywhere (with or without a dari patti) for the MDM.76.9 percent schools had this arrangement. In 23.1 percent schools children were found to be sitting in-groups according to their caste identity. Table 15.

In 43.8 percent schools no discriminatory pattern was observed with regard to serving of MDM. All caste group children, both boys and girls were seen to be serving food in these schools. The district wise situation reveals that schools where there was no discrimination was higher in Chittorgarh followed by Ajmer district. However in 9.4 percent schools only children from general caste groups were serving the MDM. Number of schools where general caste children were serving MDM was higher in Ajmer and lowest in Baran and Chittorgarh district.

In 12.5 percent school the gender divide was clearly visible and girls were made to serve the food. In 34.4 percent school the cook/helper was serving the MDM. MDM serving by girls and by cook cum helper found higher in Baran lowest in Chittorgarh district

No overt discrimination based on religion, caste and gender was observed in majority of the schools covered in the sample. In a few schools ( 9.4 percent) discrimination on the basis of caste and gender was perceived. This was mostly related to pollution.

Table 15: District wise seating and serving arrangement in schools

| Name of <br> District | Seating arrangements |  |  | Serving arrangements |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Seating <br> anywhere | Sitting in <br> caste/sex <br> groups | Total | Serving by <br> all caste/sex | Only <br> general <br> caste | Only girls | By cook/ <br> helper | Total |
| Ajmer | 33 | 7 | 40 | 17 | 5 | 4 | 14 | 40 |
| Baran | 31 | 9 | 40 | 13 | 3 | 7 | 17 | 40 |
| Bikaner | 30 | 10 | 40 | 15 | 4 | 6 | 15 | 40 |
| Chittorgarh | 29 | 11 | 40 | 25 | 3 | 3 | 9 | 40 |
| Total | 123 | 37 | 160 | 70 | 15 | 20 | 55 | 160 |
|  | $(76.9)$ | $(23.1)$ | $(100.0)$ | $(43.7)$ | $(9.4)$ | $(12.5)$ | $(34.4)$ | $(100.0)$ |

## (6) Variety of Menu

The State department has specified the weekly menu for MDM. In 80 percent schools MDM was being prepared according to the pre decided menu. In the remaining schools food was not
supplied as per Menu. Number of schools not supplying MDM as per prescribed Menu was higher in Chittorgarh followed by Ajmer district. Table 16.

In 66.2 percent of the schools visited by the MI, the weekly menu was seen displayed in the school premises. District wise situation is more negative in Chittorgarh district.

Table 16: District wise number of schools supply as per Menu and
menu displayed on board

| Name of <br> District | Supply as per menu |  |  | Menu displayed on board |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Ajmer | 31 | 9 | 40 | 26 | 14 | 40 |
| Baran | 34 | 6 | 40 | 33 | 7 | 40 |
| Bikaner | 34 | 6 | 40 | 29 | 11 | 40 |
| Chittorgarh | 29 | 11 | 40 | 18 | 22 | 40 |
| Total | 128 | 32 | 160 | 106 | 54 | 160 |
|  | $(80.0)$ | $(20.0)$ | $(100.0)$ | $(66.2)$ | $(33.8)$ | $(100.0)$ |

## Reasons for not following Menu

There were 32 schools not following the prescribed Menu. 13 ( 40.6 percent) schools had reported that fruits and green vegetables are not included in the menu. The reasons cited for not including these items in the menu are: non-availability of fruits and green vegetables in remote villages and high prices of fruits. In 8 schools it was observed that the MDM in charge is indifferent and does not purchase the fruits. Table 17.

Table 17: reasons for not following Menu Chart

| Name of <br> District | Non <br> availability <br> of fruits <br> \&vegetables | Rates are so <br> high | Role of <br> HM/MDM <br> in charge | Total |
| :--- | :---: | :---: | :---: | :---: |
| Ajmer | 2 | 3 | 4 | 9 |
| Baran | 4 | 2 |  | 6 |
| Bikaner | 2 | 3 | 1 | 6 |
| Chittorgarh | 5 | 3 | 3 | 11 |
| Total | 13 | 11 | 8 | 32 |
|  | $(46.6)$ | $(34.4)$ | $(25.0)$ | $(100.0)$ |

## (7) Quantity and Quality of MDM

In 89.4 percent schools children reported that the MDM scheme was beneficial. Higher benefits of MDM have been reported in Baran district.

In 82.5 percent schools, children reported that they were satisfied with the quantity of MDM. Satisfaction level was found to be higher in Chittorgarh and Ajmer district. 62.5 percent children expressed satisfaction with the quality of meal supplied. However in Chittorgarh Bikaner and Baran districts the children were not satisfied with the quality of meals provided. Out of the 60 schools where children expressed dissatisfaction with the MDM, 5 percent schools reported they were dissatisfied because fruits and green vegetables were not included. 35 percent schools reported that grain was not cleaned properly, 28.3 percent schools reported that cleanliness is not maintained and meals are not cooked properly by the appointed cooks and so on. In case of the centralized kitchens the food often goes bad due to larger radius of coverage especially in the summers and there is no quality check by the NGO. 6.7 percent schools raised the issue of low quality and irregularity of cooking. This largely prevailed in Chittorgarh district. Table 18 and 19.

Some suggestions for improvement include- monitoring of MDM supplied by the centralized kitchens, training on health and hygiene to MDM incharge and cooks and regular supervision by SMC members.

Table 18: Quality and Quantity of MDM

| Name of <br> District | MDM scheme is beneficial |  |  | Satisfied with Quantity of <br> MDM |  |  | Satisfied with Quality <br> Of MDM |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | YES | No | Total | YES | No | Total | YES | No | Total |
| Ajmer | 36 | 4 | 40 | 34 | 6 | 40 | 29 | 11 | 40 |
| Baran | 38 | 2 | 40 | 32 | 8 | 40 | 26 | 14 | 40 |
| Bikaner | 34 | 6 | 40 | 32 | 8 | 40 | 25 | 15 | 40 |
| Chittorgarh | 35 | 5 | 40 | 34 | 6 | 40 | 20 | 20 | 40 |
| Total | 143 <br> $(89.4)$ | 17 <br> $(10 . .6)$ | 160 <br> $(100.0)$ | 132 <br> $(82.5)$ | 28 <br> $(17.5)$ | 160 <br> $(100.0)$ | 100 <br> $(62.5)$ | 60 <br> $(37.5)$ | 160 <br> $(100.0)$ |

Table 19: Satisfaction with quantity and quality, why (Reasons)

| Name of <br> District | Fruits and <br> green <br> vegetable are <br> not given | Not <br> cleaning the <br> grains <br> properly | Meal not <br> cook <br> properly | Quality not <br> maintain by <br> NGO |  <br> irregular in <br> CC | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Ajmer | 1 | 5 | 4 | 1 |  |  |
| Baran | 4 | 6 | 3 |  | 1 | 11 |
| Bikaner | 3 | 4 | 6 | 1 | 1 | 15 |
| Chittorgarh | 1 | 6 | 4 | 7 | 2 | 20 |
| Total | 9 | 21 | 17 | 9 | 4 | 60 |
|  | $(15.0)$ | $(35.0)$ | $(28.3)$ | $(15.0)$ | $(6.7)$ | $(100.0)$ |

## (8) Supplementary Nutrition

According to teachers in 87.5 per cent schools, the school health program is implemented by NRHM. Under this program a health check up is carried out of all the enrolled children by the health department. A health card is maintained and children are provided Iron, folic acid, vitamin -A dosage and de-worming medicines as per requirement. Majority of the schools reported that the health check is carried out once a year. In 12.5 per cent schools, no health check up has been carried out. Maximum number of schools are in Chittorgarh where 17.5 percent schools have not conducted a health checkup during this session. In the surveyed schools it was found that only 42.5 percent schools had maintained a health register. Table 20.

Table 20: Health checkup of children and maintenance of record

| Name of <br> District | Health checkup of children |  |  | Maintaining Health Records |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Yes | No | Total | Yes | No | Total |
| Ajmer | 36 | 4 | 40 | 15 | 25 | 40 |
| Baran | 35 | 5 | 40 | 19 | 21 | 40 |
| Bikaner | 36 | 4 | 40 | 16 | 24 | 40 |
| Chittorgarh | 33 | 7 | 40 | 18 | 22 | 40 |
| Total | 140 | 20 | 160 | 68 | 92 | 160 |
|  | $(87.5)$ | $(12.5)$ | $(100.0)$ | $(42.5)$ | $(57.5)$ | $(100.0)$ |

In 73.1 percent schools it was reported that they had received the necessary nutrition supplements from NRHM. In 26.9 percent schools no supplements have been provided to the
children. Bikaner district has maximum number of schools where necessary nutrition supplements were not provided. Table 21

Table 21: Are children given Iron, Folic acid
and vitamins and frequency of supply medicines

| Name of <br> District | Are Children given Iron, folic |  |  |
| :--- | :---: | :---: | :---: |
| vitamins |  |  |  |$|$| Yes | No | Total |  |
| :---: | :---: | :---: | :---: |
| Ajmer | 31 | 9 | 40 |
| Baran | 32 | 8 | 40 |
| Bikaner | 26 | 14 | 40 |
| Chittorgarh | 28 | 12 | 40 |
| Total | 117 <br> $(73.1)$ | 43 <br> $(26.9)$ | 160 <br> $(100.0)$ |

Some suggestions include regular monitoring of health check up, maintenance of records of health check, follow up to be ensured.

## (9) Status of cooks

In 75.6 percent schools where cooking is being carried out in the school premises, the cooks have been appointed by the SMC. In 84.3 percent schools cooks and helper were available as per requirement. The average remuneration paid to the cooks and helpers ranges from Rs.1000- Rs. 1200. As per MDM norms the cooks are paid a remuneration of Rs. 1000. However in some cases where the required number of cooks have not been appointed the cooks/helper is paid a higher amount.

In only 58.7 percent schools the cooks had been paid their remuneration regularly. In the remaining schools there was a delay in payment of remuneration. The delay ranged from 3-6 months. The number of schools where payment to cook found more irregular was in Baran district. Table 22.
87.6 percent schools reported that the cooks were paid in cash and in 12.4 percent schools the payment was being made through a cheque.

Table 22: Regularity of payment to cook and type of Payment

| Name of <br> District | Is the remuneration paid regularly |  |  | Type of Payment |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Yes | No | Total | Cash | Cheque/Bank | Total |
| Ajmer | 20 | 13 | 33 | 26 | 7 | 33 |
| Baran | 22 | 18 | 40 | 36 | 4 | 40 |
| Bikaner | 22 | 13 | 35 | 35 |  | 35 |
| Chittorgarh | 7 | 6 | 13 | 9 | 4 | 13 |
| Total | 71 | 50 | 121 | 106 | 15 | 121 |
|  | $(58.7)$ | $(41.3)$ | $(100.0)$ | $(87.6)$ | $(12.4)$ | $(100.0)$ |

## Caste and gender of cooks

In the 121 school surveyed where MDM is supplied by SMC, 208 cooks ( 187 women and 21 men) had been appointed. Out of these 90 percent are women. The caste composition is as follows: 12.0 percent women and 1.4 percent men belong to SC groups. 8.2 percent women and 1.9 percent men belong to ST group, 58.2 percent women and 5.8 percent men belong to OBC groups. 11.5 percent women and 0.5 percent men belong to general caste groups and 0.5 percent men belong to minority groups. There was no women cook from minority group. Caste wise situation reveals that highest number of women and men belong to OBC group. If we look at the district wise status of cooks, there is no cook SC group in Chittorgarh and ST group in Bikaner district. Table 23.

Table 23: Caste wise and Gender wise distribution of appointed cooks cum helper

| Name of <br> District | Caste 0f Women cooks and Helper |  |  |  |  |  |  |  |  |  |  |  | Caste of Men cooks and Helper |  |  |  |  | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | SC | ST | OBC | General | Minor | SC | ST | OBC | General | Minor |  |  |  |  |  |  |  |  |
| Ajmer | 10 | 6 | 30 | 7 | - | 2 |  | 3 |  |  | 58 |  |  |  |  |  |  |  |
| Baran | 3 | 8 | 46 | 6 | - |  | 2 | 5 |  |  | 70 |  |  |  |  |  |  |  |
| Bikaner | 12 |  | 38 | 6 | - | 1 |  | 4 | 1 | 1 | 63 |  |  |  |  |  |  |  |
| Chittorga <br> rh |  | 3 | 7 | 5 | - |  | 2 |  |  |  | 17 |  |  |  |  |  |  |  |
| Total | 25 <br> $(12.0)$ | 17 <br> $(8.2)$ | 121 <br> $(58.2)$ | 24 <br> $(11.5)$ |  | 3 <br> $(1.4)$ | 4 <br> $(1.9)$ | 12 <br> $(5.8)$ | 1 | $(0.5)$ | 1 |  |  |  |  |  |  |  |
| $(0.5)$ | $(100.0)$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## (10) Infrastructure facility for MDM scheme

## Kitchen Sheds

In the schools where the MDM was being prepared in the school premises, 81 percent schools had a pucca kitchen shed. There were some schools where kitchen sheds were available but the MDM was being supplied through the centralized kitchen. Out of 23 schools where there were no kitchen sheds, in 11 schools the meal was being cooked at the residence of the cook and in the remaining 12 schools it was being cooked in open place, under a tin shed in the school premises. Non availability of kitchen sheds was higher in Baran district. Out of total surveyed schools there was no kitchen shed in 30 percent schools. Table 24

The kitchen sheds had been constructed under various development program including SSA
Table 24: Availability of pucca Kitchen shed in surveyed schools

| Name of <br> District | Is there pucca kitchen shed |  |  | If puccashed not available where <br> meal cooked |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Yes | No | Total | Open <br> place and <br> Tin shed | Cook's <br> house | Total |
| Ajmer | 30 | 3 | 33 | 1 | 2 | 3 |
| Baran | 28 | 12 | 40 | 7 | 5 | 12 |
| Bikaner | 28 | 7 | 35 | 4 | 3 | 7 |
| Chittorgarh | 12 | 1 | 13 |  | 1 | 1 |
| Total | 98 | 23 | 121 | 12 | 11 | 23 <br> $(81.0)$ |
| $(19.0)$ | $(100.0)$ | $(52.2)$ | $(47.8)$ | $(100.0)$ |  |  |

## Storage Facility

In 75.7 percent schools storage facilities for food grains was available. In the remaining schools storage facility had been sanctioned and in some it was under construction. Out of these 46 schools in 26 schools food grain was being stored in the classrooms in gunny bags and drums. In 20 schools food grain was being stored at teacher's and cook's residence. Availability of pucca store facility was poor in Baran district where 55 percent schools have no proper storage facility. Table 25 .

Table 25: Availability of pucca store facility in surveyed schools

| $\begin{array}{l}\text { Name of } \\ \text { District }\end{array}$ | $\begin{array}{c}\text { Is there pucca Store Facility to } \\ \text { store grains }\end{array}$ |  |  | If pucca store facility not available where grain |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| stored |  |  |  |  |  |  |  |$]$| No |
| :---: |

## Availability of Water

In 85.6 percent schools sufficient water was available for the purpose of cooking, drinking and washing. Schools, which do not have sufficient water, were found in Baran district. Table 26.

## Availability of Utensils

In majority schools ( 85 percent) schools utensils for cooking and serving were available. Non availability of utensils was reported higher in Chittorgarh and Bikaner districts.

## Availability of Cooking Gas/fuel wood

In 21.5 percent schools cooking gas was being used for preparing MDM. In 70.2 percent schools firewood was being used for cooking MDM and in remaining 8.3 percent schools both were being used. The use of LPG was maximum in Baran followed by Bikaner district.

Table 27

Table 26: Availability of sufficient water for MDM and fuel used in surveyed schools

| Name of <br> District | Availability of sufficient water for <br> MDM |  |  | Kind of fuel used in surveyed school |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Yes | No | Total | LPG Gas | Firewood | Both | Total |
| Ajmer | 35 | 5 | 40 | 5 | 23 | 5 | 33 |
| Baran | 30 | 10 | 40 | 9 | 31 |  | 40 |
| Bikaner | 35 | 5 | 40 | 8 | 24 | 3 | 35 |
| Chittorgarh | 37 | 3 | 40 | 4 | 7 | 2 | 13 |
| Total | 137 | 23 | 160 | 26 | 85 | 10 | 121 |
|  | $(85.6)$ | $(14.4)$ | $(100.0)$ | $(21.5)$ | $(70.2)$ | $(8.3)$ | $(100.0)$ |

## (11) Safety and Hygiene and Cleanliness

Teachers in 60 percent schools reported that safety measures were taken while cooking MDM. 50.6 percent teacher's reported that hygiene practices were promoted in the schools and children washed their hands before and after meals. 48.7 percent teachers said that cleanliness is maintained in the schools. However, in29.4 percent schools, teachers reported that discipline was poor in the school during distribution of MDM. In Baran the situation of safety, hygiene, cleanliness and discipline was poor compared to other districts. Table 27

In majority of schools measures were taken to conserve water while washing utensils.

Table 27: General impression of the Environment among students

| Name of <br> District | Safety |  | Hygiene |  |  | Cleanliness |  |  | Discipline among students during <br> MDM |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :---: |
|  | Average | Poor | Average | Poor | Average | Poor | Good | Average | Poor | Total |  |
| Ajmer | 27 | 13 | 24 | 16 | 24 | 16 | 15 | 13 | 12 | 40 |  |
| Baran | 19 | 21 | 16 | 24 | 15 | 25 | 10 | 12 | 18 | 40 |  |
| Bikaner | 28 | 12 | 23 | 17 | 21 | 19 | 13 | 17 | 10 | 40 |  |
| Chittorgarh | 22 | 18 | 18 | 22 | 18 | 22 | 20 | 13 | 7 | 40 |  |
| Total | 96 <br> $(60.0)$ | 64 <br> $(40.0)$ | 81 <br> $(50.6)$ | 79 <br> $(49.4)$ | 78 <br> $(48.7)$ | 82 <br> $(51.3)$ | 58 <br> $(36.2)$ | 55 <br> $(34.4)$ | 47 <br> $(29.4)$ | 160 <br> $(100$. <br> $0)$ |  |

## (12) Community Participation

## Daily supervision of MDM

The participation of parents, VEC members and PRIs in monitoring and Supervision of MDM was reported only in 27 percent schools. No contributions in cash have been made in the schools.

No roaster system was being maintained in the schools.

Teachers and parents in majority of primary and upper primary schools reported that they were satisfied with quantity and quality of MDM served. However in 13.8 percent of primary schools and 16.3 percent UPS schools teachers and parents stated that the quantity of MDM was poor .Table 28

In most schools parents were aware that MDM is being distributed to children, but they were not aware of the nutritional value of the MDM distributed to the children. The main source of information regarding MDM was the teacher and students. Awareness level was found to be poor Chittorgarh followed by Baran and Bikaner district.

Table 28: General awareness about the implementation of MDM in PS and UPS schools

| Name of <br> District | Quite <br> satisfied | Satisfy | Good | Average | Poor | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Ajmer | 5 | 8 | 8 | 10 | 9 | 40 |
| Baran | 1 | 5 | 3 | 20 | 11 | 40 |
| Bikaner | 4 | 9 | 7 | 10 | 10 | 40 |
| Chittorgar <br> h | 4 | 7 | 6 | 9 | 14 | 40 |
| Total | 14 <br> $(8.7)$ | 29 <br> $(18.2)$ | 24 <br> $(15.0)$ | 49 <br> $(30.6)$ | 44 <br> $(27.5)$ | 160 <br> $(100.0)$ |

## (13) Inspection and Supervision of MDM by State, District and Block Officials

It was reported in 35.6 percent schools that there was a regular inspection of MDM. No inspection of MDM has been carried out by the SPMU. The DPO had also not carried out any inspection in 58.1 percent of the schools. The BRC/CRC and other block officers carried out quarterly inspection of the MDM. Table 29, 30,31.

Table 29: Inspection of MDM by Govt officers

| Name of District | YES | No | Total |
| :--- | :---: | :---: | :---: |
| Ajmer | 13 | 27 | 40 |
| Baran | 15 | 25 | 40 |
| Bikaner | 17 | 23 | 40 |
| Chittorgarh | 12 | 28 | 40 |
| Total | 57 | 103 | 160 |
|  | $(35.6)$ | $(63.4)$ | $(100.0)$ |

Table 30: Frequency of Inspection of MDM by District Officers

| Name of <br> District | None | Monthly | Quarterly | Half Yearly | Yearly | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Ajmer | 30 |  | 3 | 6 | 1 | 40 |
| Baran | 22 | 5 | 10 | 3 |  | 40 |
| Bikaner | 23 | 2 | 5 | 8 | 2 | 40 |
| Chittorgarh | 18 | 2 | 9 | 10 | 1 | 40 |
| Total | 93 | 9 | 27 | 27 | 4 | 160 |
|  | $(58.1)$ | $(5.6)$ | $(16.9)$ | $(16.9)$ | $(2.5)$ | $(100.0)$ |

Table 31: Frequency of Inspection of MDM by Block Officers

| Name of <br> District | None | Monthly | Quarterly | Half Yearly | Yearly | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Ajmer | 11 | 1 | 7 | 18 | 3 | 40 |
| Baran | 15 | 2 | 8 | 10 | 5 | 40 |
| Bikaner | 13 | 5 | 4 | 16 | 2 | 40 |
| Chittorgarh | 17 | 4 | 5 | 9 | 5 | 40 |
| Total | 56 | 12 | 24 | 53 | 15 | 160 |
|  | $(35.0)$ | $(7.5)$ | $(15.0)$ | $(33.1)$ | $(9.4)$ | $(100.0)$ |

## (14) Impact of MDM

According to 36.2 percent schools teachers, the MDM had helped in improving the enrollment. 61.2 percent school teachers expressed that MDM had also helped in improving the attendance of children in schools. It had also helped in improving the general nutritional levels of children. The teachers in 40 percent schools reported that MDM had led to minimizing caste and gender divides. 55 percent school teachers felt that MDM had also created an educational environment in schools. The incidental benefits were reported in 30 percent schools and included regularity, the siblings who accompany the older children also benefit. Table 32

Table 32: General Impact of MDM

| Name of <br> District | Increa <br> se in <br> enroll. | Increase <br> Avg. <br> attendanc <br> e | Increase <br> general <br> Nutrition <br> status | Reduced <br> caste <br> \&gender <br> discriminati <br> on | Created <br> education <br> al <br> environm <br> ent | Incidental <br> benefit | Total |
| :--- | :---: | :---: | :---: | :--- | :---: | :---: | :---: |
| Ajmer | 15 | 24 | 31 | 24 | 22 | 13 | 40 |
| Baran | 16 | 27 | 32 | 11 | 27 | 11 | 40 |
| Bikaner | 14 | 26 | 35 | 9 | 20 | 10 | 40 |
| Chittorgarh | 13 | 21 | 22 | 20 | 19 | 14 | 40 |
| Total | 58 | 98 | 120 | 64 | 88 | 48 | 160 |
|  | $(36.2)$ | $(61.2)$ | $(75.0)$ | $(40.0)$ | $(55.0)$ | $(30.0)$ | $(100.0)$ |

## Conclusion

The present survey reveals that Mid day meal has become an integral part of the daily routine of elementary schools in the State. The MDM is being distributed with fair regularity and there has been an effort to involve different partners in this enterprise. The quality of the midday meal is also fair and teachers and parents reported that they were satisfied with the
quantity and quality of MDM in the surveyed districts. One of the areas that need to be closely monitored is the supply of food grains and quality related issues.. Emphasis also needs to be given to issues related to hygiene. An indepth analysis needs to be carried out on the impact of MDM on children's nutrition. In overall terms Baran and Chittorgarh districts require greater monitoring to fill the gaps in delivery of MDM

# First Half Yearly Monitoring Report of MDM in Rajasthan 

## 1, October 2010-31 March 2011

## District Summary

| District: Ajmer | A. General information of sample schools <br> For the present study an effort was made to cover every block in the sample. 40 schools were selected randomly in Ajmer district. Out of these schools- 5 were urban PS, 9 were urban UPS, 11 were rural P.S and 15 were rural UPS. <br> B. Regularity in serving MDM: <br> On the day of the visit of the MI, cooked MDM was being served in all the schools. Out of the total schools surveyed, 77.5 percent schools the MDM was being cooked in the school premises under the supervision of the SMC; in 5 percent schools the MDM is being prepared and served by Mahila Annapurana Seva Samiti and SHGs. In 17.5 percent schools the MDM was being supplied by Nandi Foundation. The Foundation supplies MDM to 140 schools within a radius of 18 kms . <br> While majority schools reported that the MDM was being served regularly in the past 12 months, 17.5 percent schools reported that there was an interruption in serving of MDM. The average number of the days MDM was disrupted ranged from 20-25 days. The reasons for disruption included irregular supply of food grain, delay in receiving cooking cost and illness of cook. <br> C. Trends in Enrollment, Attendance and number of children availing MDM <br> The total enrollment in the surveyed schools was 5312(2341 boys and 2971 girls). As per the attendance register 71.7 percent children ( 73.5 percent boys and 70.2 percent girls) were present in the schools on the day of the visit of |
| :---: | :---: |

$\left.\begin{array}{|l|l|}\hline & \begin{array}{l}\text { the MI. According to the MDM register, out of the total children enrolled 68.9 } \\ \text { percent children (73.4 percent boys and } 65.3 \text { percent girls) were availing } \\ \text { MDM on the day of the visit. On the basis of head count the MI found that } \\ \text { out of the total enrolment } 65.4 \text { percent children (65.9 percent boys and } 64.8 \\ \text { percent girls) were physically present and were availing of MDM. }\end{array} \\ & \begin{array}{l}\text { D. Regularity in delivering food grains to school } \\ \text { It was found that 60.6 percent schools were receiving food grains on a regular } \\ \text { basis. In 39.4 per cent schools the supply was irregular. In 60.6 percent } \\ \text { schools foodgrain was delivered within a month; 12.1 percent schools }\end{array} \\ \text { reported that the foodgrain is delivered between one to three months, while } \\ 27.3 \text { percent schools reported that it took three months for the food grain to be } \\ \text { supplied. The primary reason for delay in delivery of food grain was due to } \\ \text { delay at FCI level and lack of transport facilities. In case of such delays the } \\ \text { food grain was borrowed from neighbouring schools. 60.6 per cent schools } \\ \text { reported that they had a buffer stock to deal with any situation of irregular } \\ \text { supply while the remaining stated that they do not keep a buffer stock. } \\ \text { Majority schools had received the specified quantity of foodgrain. However, } \\ 30 \text { per cent schools reported that they received lesser quantities than } \\ \text { specified. The variation ranges between 2-5 kg per bag. The food grain was } \\ \text { supplied at the school level in ninety seven percent of schools. } \\ \text { With respect to the quality of food grain supplied } 21.2 \text { percent teachers } \\ \text { reported that the quality of food grain supplied was good whereas 69.7 } \\ \text { percent teachers reported that its was average and 9.1 percent teachers } \\ \text { articulated that the quality of food grain was poor. } \\ \text { E. Regularity in delivering cooking cost to school } \\ \text { Thirty six percent schools reported that they have been receiving cooking } \\ \text { cost in advance while the remaining were not found to be receiving cooking } \\ \text { costvance. Delay in receiving cooking cost ranged from } 1 \text { month to } 5\end{array}\right\}$

|  | months. In such situations the teachers often borrow cooking materials /spices from the neighbouring shopkeepers. The main reason of delay in delivering cooking cost includes delays in transferring money from the district and block level into SMC account. <br> The cooks are usually paid in cash and their honorarium has been increased to Rs. 1000. Majority of the cooks reported that the amount paid for cooking was not adequate, given the remuneration paid in the MNREGA and other development programmes. <br> F. Social equity <br> In most schools it was observed that children were made to sit in a line (with or without a dari patti) for the $\operatorname{MDM}(82.5$ percent schools had this arrangement).In 17.5 percent schools children were found to be sitting in groups according to their caste identity. <br> In 42.5 percent schools no discriminatory pattern was observed with regard to serving of MDM. All caste group children, both boys and girls were seen to be serving food in these schools. However in 12.5 percent schools only children from general caste groups were serving the MDM. In 10 percent school the gender divide was clearly visible and girls were made to serve the food. In 35 percent school the cook/helper was serving the MDM. <br> No overt discrimination related to religion caste and gender was observed in majority of the schools covered in the sample. In a few schools ( 2.5 percent) discrimination on the basis of caste and gender was perceived. This was mostly related to pollution. <br> G. Variety of Menu <br> The State department has specified the weekly menu for MDM. In 77.5 percent schools MDM was being prepared according to the pre decided menu. In the remaining schools the Menu was decided by the local SMC. <br> In 65 percent of the schools visited by the MI, the weekly menu was seen displayed in the school premises. |
| :---: | :---: |


|  | A variety is being ensured in most schools. Generally fruits, rice, dal and <br> green vegetables have been included in the menu. However in 22.5 percent <br> schools it was reported that fruits and green vegetables are not included in the <br> menu. The reasons cited for not including these items in the menu are: non- <br> availability of fruits and green vegetables in remote villages and high prices <br> of fruits. In some cases it was observed that the MDM incharge is indifferent <br> and does not purchase the fruits. <br> H. Quantity and Quality of MDM <br> In 92.5 percent schools children reported that the MDM scheme was <br> beneficial. <br> In 85 percent schools, children reported that they were satisfied with the <br> quantity of MDM. 72. 5 percent expressed satisfaction with the quality of <br> meal supplied. In the remaining schools children expressed dissatisfaction <br> with the MDM supplied. The reasons for not being satisfied include non- <br> inclusion of fruits and green vegetables; grain was not cleaned properly and <br> so on. In case of the centralized kitchens the food often goes bad due to larger <br> radius of coverage especially in the summers and there is no quality check by <br> the NGO. <br> Some suggestions for improvement include- monitoring of MDM supplied by <br> the centralized kitchens, training on health and hygiene to MDM incharge and <br> cooks and regular supervision by SMC members. <br> I. Supplementary Nutrition <br> According to 90 per cent schools, the school health programme is <br> implemented by NRHM. Under this programme a health check up is carried <br> out of all the enrolled children by the ANM. A health card is maintained and <br> children are provided Iron, folic acid, vitamin -A dosage and de-worming <br> medicines as per requirement. In the surveyed schools it was found that only <br> 37.5 percent schools had maintained a health register. Majority of the schools <br> reported that the health check is carried out once a year. In 10 per cent <br> schools, no health check up has been carried out. |
| :--- | :--- |
|  |  |


|  | In 77.5 percent schools it was reported that they had received the necessary <br> nutrition supplements from NRHM. In 22.5 percent schools no supplements <br> have been provided to the children. <br> Some suggestions include regular monitoring of health check up, maintenance <br> of records of health check, follow up to be ensured. <br> J. Status of Cooks <br> In 77.5 percent schools where cooking is being carried out in the school <br> premises, the cooks have been appointed by the SMC. In 84.8 percent schools <br> cooks and helper were available as per requirement. The average <br> remuneration paid to the cooks and helpers ranges from Rs.1000- Rs. 1200. <br> As per MDM norms the cooks are paid a remuneration of Rs. 1000. However <br> in some cases where the required number of cooks has not been appointed the <br> cooks/helper is paid more. <br> In only 60.6 percent schools the cooks were paid their remuneration regularly. <br> In the remaining schools there was a delay in payment of remuneration. The <br> delay ranged from 3- 6 months. <br> 78.8 percent schools reported that the cooks were paid in cash and in 21.2 <br> percent schools the payment was being made through a cheque. <br> In the 33 school surveyed was MDM is supplied by SMC there were 58 cooks <br> $(53$ women and 5 men) working in MDM. The caste composition was as <br> follows: 17.2 percent women and 3.4 percent men belonged to SC groups. <br> 10.3 percent women belonged to ST and 51.7 percent women and 5.2 percent <br> men belonged to OBC groups. 12.2 percent women belonged to General caste <br> groups. <br> K. Infrastructure <br> Kitchen Sheds <br> In the schools where the MDM was being prepared in the school premises 91 <br> percent schools had a pucca kitchen shed. There were some schools where <br> kitchen sheds were available but the MDM was being supplied through the |
| :--- | :--- |
|  |  |


|  | centralised kitchen. In schools where there were no kitchen sheds meals were <br> being cooked at the residence of the cook or in the tin shed in the school <br> premises. <br> The kitchen sheds had been constructed under various development <br> programmes including SSA. <br> Storage Facility <br> In 75.7 percent schools storage facilities for food grains was available. In the <br> remaining schools storage facility had been sanctioned and in some it was <br> under construction. In these schools food grain was being stored in the <br> classrooms in gunny bags and drums. <br> Water <br> In 87.5 percent schools sufficient water was available for the purpose of <br> cooking, drinking and washing. <br> Utensils <br> In majority schools (92.5 percent) schools utensils for cooking and serving <br> were available. <br> Cooking Gas/fuel wood <br> In 15.1 percent schools cooking gas was being used for preparing MDM. In <br> 69.8 schools firewood was being used for cooking MDM and in remaining <br> schools both were being used. <br> poor in the school during distribution of MDM. In majority schools measures |
| :--- | :--- |
| schools. However, in 30 percent schools, teachers reported that discipline was |  |
| meals. Sixty percent teachers said that cleanliness is maintained in the |  |
| L. Safety and Hygiene |  |
| 67.5 percent school teachers reported that safety measures were taken while |  |
| cooking MDM. According to 60 percent teacher's hygiene practices were |  |
| promoted in the schools and children washed their hands before and after |  |


|  | were taken to conserve water while washing utensils. <br> M. Community Participation <br> The participation of parents, VEC members and PRIs in monitoring and <br> Supervision of MDM was only reported in 30 percent schools. No <br> contributions in cash have been made in the schools. No roaster system was <br> being maintained in the schools. Teachers and parents in majority of primary <br> and upper primary schools reported that they were satisfied with quantity and <br> quality of MDM served. However in 22.5 percent schools teachers and <br> parents stated that the quantity of MDM was poor. <br> District 2: <br>  <br> In most schools parents were aware that MDM is being distributed to children <br> in schools but they were not aware of the nutritional value of the MDM <br> distributed to the children. The main source of information regarding MDM <br> was the teacher and students. <br> N. Inspection and Supervision <br> It was reported in 32.5 percent schools that there was a regular inspection of <br> MDM. No inspection of MDM has been carried put by the SPMU. The DPO <br> had also not carried out any inspection in majority of the schools. The sample schools <br> BRC/CRC and other block officers carried out quarterly inspection of the <br> MDM. <br> O. Impact <br> According to 37.5 percent schools teachers the MDM had helped in <br> improving the enrollment and attendance of children in schools. It had also <br> helped in improving the general nutritional levels of children. The teachers in <br> 60 percent schools reported that MDM had led to minimizing caste and <br> gender divides and also created an educational environment in schools. The <br> incidental benefits were reported in 50 percent schools and include regularity, <br> the siblings who accompany the older children also benefit. |
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| Baran | For the present study an effort was made to cover every block in the sample. <br> 40 schools were selected randomly in Baran district. Out of these schools- 6 <br> were urban PS, 4 were urban UPS, 17 were rural P.S and 13 were rural UPS. <br> Special focus in this district was given to schools with high gender gap, drop <br> out, migration and those which were prone to natural calamities. <br>  <br> B. Regularity in serving MDM: <br> Cooked MDM was being served in all the schools in the district. It was <br> prepared in the schools or being supplied by Mahila Annapurna Seva Samiti. <br> Out of the total 40 schools surveyed, the MDM was being cooked in the <br> school premises in 60 percent schools, under the supervision of the SMC; In <br> the remaining schools MDM was being prepared and served by Mahila <br> Annapurana Seva Samiti and SHGs. This is prepared in one school and <br> supplied to nearby schools. <br> While 65 percent schools reported that the MDM was being served regularly <br> in the past 12 months, 35 percent schools reported that there was an <br> interruption in serving of MDM. The average number of the days MDM was <br> disrupted ranged from 8-12 days. The reasons for disruption included <br> irregular supply of food grain, non-receipt of cooking cost on time and non- <br> availability of cook. <br> C. Trends in Enrollment, Attendance and number of children availing <br> MDM <br> The total enrollment in the surveyed schools was 4685 (2154 boys and 2531 <br> girls). As per the attendance register 55.5 percent children (77 percent and <br> 54.2 percent girls) were present in the schools on the day of the visit of the <br> MI. According to the MDM register, out of the total children enrolled 53.5 <br> percent children (54.6 percent boys and 52.6 percent girls) were availing <br> MDM on the day of the visit. On the basis of head count the MI found that <br> out of the total enrolment 45.3 percent children (46.8 percent boys and 44 <br> percent girls) were physically present and were availing of MDM. While <br> there was no gender gap in enrolment the gender differences were stark in |
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|  | district and block level into SMC account. <br> In majority of the schools the cooks are paid in cash. In 25 percent schools cooks complained that the amount paid for cooking was not adequate. <br> F. Social equity <br> In majority schools it was observed that children were made to sit in a line on the floor for the MDM. In 22.5 percent schools children were found to be sitting in-groups according to their caste identity. <br> In 42.5 percent school the cook/helper were serving the MDM. <br> Caste based discrimination was observed in 20 percent schools with regard to serving of MDM. In the urban schools upper caste children were seen avoiding eating food with dalit children. |
| :---: | :---: |
|  | G. Variety of Menu <br> In 85 percent schools MDM was being prepared according to the weekly menu decided by the State. In the remaining schools the Menu was decided by the local SMC. <br> In 15 percent of the schools visited by the MI, the weekly menu was not displayed in the school premises. <br> It was observed that chapati, rice and dal were being served to the children in most of the schools. However, no fruits are given to the children. A candy made out of Amla(gooseberry) has replaced the fruits. Green vegetables are rarely included in the menu. <br> Food items such as fruits and green vegetables are difficult to obtain in the remote villages of Baran. |
|  | H. Quality and Quality of MDM <br> In 80 percent schools children reported that the MDM scheme was good and |


|  | beneficial. <br> In 80 percent schools children reported that they were satisfied with the quantity and in 65 percent schools were satisfied with quality of MDM supplied. In the remaining schools children expressed dissatisfaction with the MDM supplied. The main reason include- non-inclusion of fruits and green vegetables in menu. The children felt that the quality of MDM supplied by the Annapoorna Samitis was poor. <br> Some suggestions for improvement include- regular supervision by SMC members, training on health and hygiene to MDM incharge. <br> I. Supplementary Nutrition <br> The school health programme implemented by SSA/NRHM is functioning in Baran . 87.5 percent schools reported that it was being implemented in their schools. Under this programme a health check up is carried out of all the enrolled children by the ANM. A health card is maintained and children are provided Iron, folic acid, vitamin -A dosage and de-worming medicines as per requirement. In the surveyed schools it was found that only 47.5 percent schools had maintained a health register. Majority of the schools reported that the health check up is carried out on a yearly basis. <br> In 52.5 percent schools it was reported nutrition supplements had been provided to the children on a regular basis. In the remaining school the supply was irregular. In 20.5 percent schools no supplements have been provided to the children. <br> Some suggestions include: regular monitoring of health check up, maintenance of records of health check, follow up of children who are found with health problems/difficulties should be ensured. <br> J. Status of Cooks <br> In the 40 school surveyed there were 70 cooks ( 63 women and 7 men) working in MDM. Among the women cooks 4.3 percent were SC , 11.4 percent were ST, 65.7 percent were OBC and 8.6 percent were from general caste groups. Among the men 2.9 belonged to SC groups and 7.9 percent |
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|  | O. Impact <br> According to teachers in 40 percent schools the MDM had helped in <br> improving the enrollment and 67.5 percent schoolteachers reported <br> incensement in attendance of children in schools and had also helped in <br> improving the general nutritional levels of children. The teachers in only 27.5 <br> percent schools reported that MDM had led to minimizing caste and gender <br> divides. The incidental benefits were reported in 27.5 percent schools and <br> include regularity, exposure of the siblings who accompany the older children <br> to an educational environment. <br> District 3: <br> Bikaner |
| :---: | :--- |
| A. General information of sample schools <br> In Bikaner district 40 schools were selected for the survey Out of these <br> schools- 4 were urban PS, 8 were urban UPS, 14 were rural P.S and 14 were <br> rural UPS. An effort was made to identify schools with high gender gap, drop <br> out and migration. <br> B. Regularity in serving MDM: <br> In the 40 schools surveyed by the MI cooked MDM was being served in 95 <br> percent the schools in the district. In five- percent schools it was not being <br> served. It was found that in one school where a Vidhyarthi Mitra was <br> managing the school the MDM was not being served. In the second school <br> MDM was not being served because of lack of supply of food grains to <br> school from last two months. <br> Out of the total 40 schools surveyed, the MDM was being cooked in the <br> school premises in 82.5 percent schools, under the supervision of the SMC; In <br> the remaining 12.5 percent schools MDM was being prepared and served <br> through a centralized kitchen arrangement by Nandi Foundation. <br> While 77.5 percent schools reported that the MDM was being served |  |


|  | regularly in the past 12 months. In 22.5 percent schools reported that there <br> was an interruption in serving of MDM due to following reason i.e. irregular <br> supply of food grain. The average number of the days MDM was disrupted <br> ranged from 1-3 weeks. <br> C. Trends in enrollment, attendance and number of children availing MDM <br> The total enrollment in the surveyed schools was 6831 (3219 boys and 3612 <br> girls). As per the attendance register 60 percent children (59.8 percent boys <br> and 60 percent girls) were present in the schools on the day of the visit of the <br> MI. According to the MDM register, out of the total children enrolled 59.4 <br> percent were eating MDM on the day of the visit. <br> On the basis of head count the MI found that out of the total enrolment 50.8 <br> percent children (50.7 percent boys and 50.9 percent girls) were physically <br> present and were availing of MDM. |
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| D. Regularity in delivering food grains to school |  |
| It was found that 45.7 percent schools were receiving food grains on a regular |  |
| basis. In 54.3 per cent schools the supply was irregular. In 11.4 percent |  |
| schools foodgrain was delivered within a month; 60 percent schools reported |  |
| that the foodgrain is delivered between one to three months, while 28.6 |  |
| percent schools reported that it took three months for the food grain to be |  |
| supplied. The primary reason for delay in delivery of food grain was due to |  |
| delay at FCI level and lack of transport facilities. In case of such delays the |  |
| food grain was borrowed from neighboring schools. 45.7 per cent schools |  |
| reported that they had a buffer stock to deal with any situation of irregular |  |
| supply while the remaining stated that they do not keep a buffer stock. |  |

$\left.\begin{array}{|l|l}\hline & \begin{array}{l}47.5 \text { percent schools had received the specified quantity of foodgrain, } \\ \text { whereas } 52.5 \text { percent reported that lesser quantities than specified. The } \\ \text { variation ranges between } 2-5 \mathrm{~kg} \text { per bag. } \\ \text { The quality of food grain was reported to be good only in } 14.3 \text { percent } \\ \text { schools whereas } 65.7 \text { percent teachers reported that its was average, and in } \\ 20 \text { percent schools teachers articulated that the quality of food grain was poor. } \\ \text { E. Regularity in delivering cooking cost to school } \\ 31.4 \text { percent schools reported that they have been receiving cooking cost in } \\ \text { advance while } 68.6 \text { percent were not found to be receiving cooking cost in } \\ \text { advance. Delay in receiving cooking cost ranged from } 1 \text { month to } 5 \text { months } \\ \text { The teachers often tend to borrow cooking materials /spices from the } \\ \text { neighbouring shopkeepers. The main reason of delay in delivering cooking } \\ \text { cost includes delays in transferring money from the district and block level } \\ \text { into SMC account. } \\ \text { In majority of the schools the cooks paid in cash. In } 35 \text { percent schools cooks } \\ \text { complained that the amount paid for cooking was not adequate. }\end{array} \\ \text { ge. Social equity } \\ \text { In most schools it was observed that children were made to sit in a line (with } \\ \text { or without a dari patti) for the MDM(75.0 percent schools had this } \\ \text { arrangement).In } 25 \text { percent schools children were found to be sitting in } \\ \text { groups according to their caste identity. } \\ \text { In } 37.5 \text { percent schools no discriminatory pattern was observed with regard to } \\ \text { serving of MDM. All caste group children, both boys and girls were seen to } \\ \text { be serving food in these schools. However in } 10 \text { percent schools only children } \\ \text { from general caste groups were serving the MDM. In } 15 \text { percent school the and girls were made to serve the food. In }\end{array}\right\}$
$\left.\begin{array}{|l|l|}\hline 37.5 \text { percent school the cook/helper was serving the MDM. } \\ \text { No overt discrimination related to religion caste and gender was observed in } \\ \text { majority of the schools covered in the sample. In a few schools (3.5 percent) } \\ \text { discrimination on the basis of caste and gender was perceived. This was } \\ \text { mostly related to pollution. } \\ & \begin{array}{l}\text { G. Variety of Menu } \\ \text { In } 85 \text { percent schools MDM was being prepared according to the weekly } \\ \text { menu decided by the State. In the remaining schools the Menu was decided } \\ \text { by the local SMC. In 72.5 percent of the schools visited by the MI, the weekly } \\ \text { menu was seen displayed in the school premises. } \\ \text { In 27.5 percent of the schools visited by the MI, the weekly menu was not } \\ \text { displayed in the school premises. } \\ \text { A variety is being ensured in most schools. Generally fruits, rice, dal and } \\ \text { green vegetables have been included in the menu. However in } 15 \text { percent } \\ \text { schools it was reported that fruits and green vegetables are not included in the } \\ \text { menu. The reasons cited for not including these items in the menu are: non- } \\ \text { availability of fruits and green vegetables in remote villages and high prices } \\ \text { of fruits. In some cases it was observed that the MDM in charge is indifferent } \\ \text { and does not purchase the fruits. }\end{array} \\ \text { H. Quality and Quantity of MDM } \\ \text { In 85 percent schools children reported that the MDM scheme was good and } \\ \text { beneficial. } \\ \text { In 80percent schools children reported that they were satisfied with the } \\ \text { quantity and 62.5 percent schools reported satisfaction with quality of MDM } \\ \text { supplied. In the remaining schools children expressed dissatisfaction with the } \\ \text { MDM supplied. The main reason include- cleanliness not maintain by cook, } \\ \text { meal not cook properly and non-inclusion of fruits and green vegetables in }\end{array}\right\}$

| menu. The children felt that the quality of MDM supplied by the Nandi |
| :--- | :--- |
| foundation was poor. |
| Some suggestions for improvement include- regular supervision by SMC |
| members, training on health and hygiene to MDM incharge |
| I. Supplementary Nutrition |
| The school health programme implemented by SSA/NRHM is functioning in |
| Bikaner. 90 percent schools reported that it was being implemented in their |
| schools. Under this programme a health check up is carried out of all the |
| enrolled children by the ANM. A health card is maintained and children are |
| provided Iron, folic acid, vitamin -A dosage and de-worming medicines as |
| per requirement. In the surveyed schools it was found that only 40 percent |
| schools had maintained a health register. Majority of the schools reported that |
| the health check up is carried out on a yearly basis. |
| In 65 percent schools it was reported nutrition supplements had been provided |
| to the children on a regular basis. In the remaining school the supply was |
| irregular. In 35 percent schools no supplements have been provided to the |
| children. |
| Some suggestions include: regular monitoring of health check up, |
| maintenance of records of health check, follow up of children who are found |
| with health problems/difficulties should be ensured. |
| J. Status of Cooks |
| In the 40 school surveyed there were 63 cooks (56 women and men) |
| working in MDM. Among the women cooks 19 percent were SC , 60.3 |
| percent were OBC and 9.5 percent were from general caste groups. Among |
| the men 1.5 belonged to SC groups and 6.3 percent belonged to OBC groups |
| 1.5 percent cooks belongs to general and minority groups each. |
| In 88.6 percent schools cooks and helper were available as per requirement. |
| In 64.7 percent schools the cooks were paid their remuneration regularly. In |
| the remaining schools there was a delay in payment of remuneration. The |$|$



|  | Only in 60 percent schools teachers reported that safety measures were taken <br> while cooking MDM. Hygienic practices (like washing hands before meals) <br> were reported in 60 percent schools. Cleanliness is maintained in the 52.5 <br> schools. In 25 percent schools, teachers reported that discipline was poor in <br> the school during distribution of MDM. In majority schools teachers reported <br> that they took adequate measures to conserve water while washing utensils. <br> M. Community Participation <br> The participation of parents, VEC members and PRIs and monitoring and <br> Supervision of MDM was reported only in 27.5 percent schools. Teachers <br> and parents in majority of primary and upper primary schools reported that <br> they were satisfied with quantity of MDM served. However in 25 percent <br> schools teachers and parents stated that the quantity of MDM was poor. <br> The parents were however, not aware of the nutritional value of the MDM <br> distributed to the children. <br> N. Inspection and Supervision <br> Regular inspection of MDM was reported in all the surveyed schools. No <br> inspection of MDM has been carried put by the SPMU. The DPO had not <br> visited 57.5 percent schools .The BRC/CRC and other block officers carried <br> out quarterly inspection of the MDM in 67.5 percent schools <br> O. Impact <br> According to teachers in 35 percent schools the MDM had helped in <br> improving the enrollment and attendance of children in 60 schools also <br> improved. And MDM had also helped in improving the general nutritional <br> levels of children. The teachers in only 22.5 percent schools reported that <br> MDM had led to minimizing caste and gender divides. The incidental benefits |
| :--- | :--- |
| were reported in 25 percent schools and include regularity, exposure of the |  |
| siblings who accompany the older children to an educational environment. |  |
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| District: <br> Chittorgarh | A. General information of sample schools <br> For the present study an effort was made to cover every block in the sample. 40 schools were selected randomly in Chittorgarh district. Out of these schools- 4 were urban PS, 8 were urban UPS, 12 were rural P.S and 16 were rural UPS. <br> B. Regularity in serving MDM: <br> On the day of the visit of the MI, cooked MDM was being served in 97.5 percent schools while in one school MDM was not served at the time of MI visit. Out of the total schools surveyed, 27.5 percent schools the MDM was being cooked in the school premises under the supervision of the SMC; in 5 percent schools the MDM is being prepared and served by Mahila Annapurana Seva Samiti and SHGs . In 67.5 percent schools the MDM was being supplied by Nandi Foundation. <br> While majority schools reported that the MDM was being served regularly in the past 12 months, 20 percent schools reported that there was an interruption in serving of MDM. The average number of the days MDM was disrupted ranged from 20-25 days. The reasons for disruption included irregular supply of food grain, delay in receiving cooking cost and illness of cook. <br> C. Trends in Enrollment, Attendance and number of children availing MDM <br> The total enrollment in the surveyed schools was 4510 (2113 boys and 2397 girls). As per the attendance register 68.0 percent children ( 68.2 percent boys and 67.9 percent girls) were present in the schools on the day of the visit of the MI. According to the MDM register, out of the total children enrolled 72.7 percent children ( 73.4 percent boys and 72.1 percent girls) were availing MDM on the day of the visit. On the basis of head count the MI found that out of the total enrolment 53.5 percent children ( 53.7 percent boys and 53.3 |
| :---: | :---: |


|  | percent girls) were physically present and were availing of MDM. <br>  <br>  <br>  <br>  <br>  <br>  <br> It wegularity in delivering food grains to school <br> basis. In 15.4 per cent schools the supply was irregular. In 49.3 percent <br> schools food grain was delivered within a month; 49.3 percent schools <br> reported that the food grain is delivered between one to three months, while <br> 1.4 percent schools reported that it took three months for the food grain to be <br> supplied. The primary reason for delay in delivery of food grain was due to <br> delay at FCI level and lack of transport facilities. In case of such delays the <br> food grain was borrowed from neighboring schools. 84.6 per cent schools <br> reported that they had a buffer stock to deal with any situation of irregular <br> supply while the remaining stated that they do not keep a buffer stock. <br> Majority schools had received the specified quantity of food grain. However, <br> 22.5 per cent schools reported that they received lesser quantities than <br> specified. The variation ranges between 2-5 kg per bag. The food grain was <br> supplied at the school level in ninety seven percent of schools. <br> With respect to the quality of food grain supplied 23.1 percent teachers |
| :--- | :--- |
| reported that the quality of food grain supplied was good whereas 53.8 |  |
| percent teachers reported that its was average and 23.1 percent teachers |  |
| articulated that the quality of food grain was poor. |  |
| E. Regularity in delivering cooking cost to school |  |
| 23.1 percent schools reported that they have been receiving cooking cost in |  |
| advance while the remaining were not found to be receiving cooking cost in |  |
| advance. Delay in receiving cooking cost ranged from 1 month to 5 months. |  |
| In such situations the teachers often borrow cooking materials/spices from |  |
| the neighboring shopkeepers. The main reason of delay in delivering cooking |  |
| cost includes delays in transferring money from the district and block level |  |
| into SMC account. |  |

$\left.\begin{array}{|l|l}\hline & \begin{array}{l}\text { The cooks are usually paid in cash and their honorarium has been increased to } \\ \text { Rs. 1000. Majority of the cooks reported that the amount paid for cooking } \\ \text { was not adequate, given the remuneration paid in the MNREGA and other } \\ \text { development programmes. } \\ \text { F. Social equity } \\ \text { In most schools it was observed that children were made to sit in a line (with } \\ \text { or without a dari patti) for the MDM(72.5 percent schools had this } \\ \text { arrangement).In 27.5 percent schools children were found to be sitting in } \\ \text { groups according to their caste identity. } \\ \text { In 62.5 percent schools no discriminatory pattern was observed with regard to } \\ \text { serving of MDM. All caste group children, both boys and girls were seen to } \\ \text { be serving food in these schools. However in } 7.5 \text { percent schools only } \\ \text { children from general caste groups were serving the MDM. In } 7.5 \text { percent } \\ \text { school the gender divide was clearly visible and girls were made to serve the } \\ \text { food. In 22.5 percent school the cook/helper was serving the MDM. } \\ \text { No overt discrimination related to religion caste and gender was observed in } \\ \text { majority of the schools covered in the sample. In a few schools (2.5 percent) } \\ \text { discrimination on the basis of caste and gender was perceived. This was }\end{array} \\ \text { mostly related to pollution. } \\ \text { G. Variety of Menu } \\ \text { The State department has specified the weekly menu for MDM. In 72.5 } \\ \text { percent schools MDM was being prepared according to the pre decided menu. } \\ \text { In the remaining schools the Menu was decided by the local SMC. } \\ \text { In 45 percent of the schools visited by the MI, the weekly menu was seen } \\ \text { displayed in the school premises. } \\ \text { A variety is being ensured in most schools. Generally fruits, rice, dal and } \\ \text { green vegetables have been included in the menu. However in 5 schools it } \\ \text { was reported that fruits and green vegetables are not included in the menu. } \\ \text { The reasons cited for not including these items in the menu are: non- }\end{array}\right\}$


## J. Status of Cooks

In 77.5 percent schools where cooking is being carried out in the school premises, the cooks have been appointed by the SMC. In 84.8 percent schools cooks and helper were available as per requirement. The average remuneration paid to the cooks and helpers ranges from Rs.1000- Rs. 1200. As per MDM norms the cooks are paid a remuneration of Rs. 1000. However in some cases where the required number of cooks has not been appointed the cooks/helper is paid more.

In only 53.8 percent schools the cooks were paid their remuneration regularly. In the remaining schools there was a delay in payment of remuneration. The delay ranged from 3- 6 months.
69.2 percent schools reported that the cooks were paid in cash and in 30.8 percent schools the payment was being made through a cheque.

In the 13 school surveyed was MDM is supplied by SMC there were 17 cooks ( 15 women and 2 men) working in MDM. The caste composition was as follows: . 17.6 percent women and 11.8 percent men belonged to ST, 41.2 percent women belonged to OBC groups. 29.4 percent women belonged to General caste groups.

## K. Infrastructure

## Kitchen Sheds

In the schools where the MDM was being prepared in the school premises 92.3 percent schools had a pucca kitchen shed. There were some schools where kitchen sheds were available but the MDM was being supplied through the centralised kitchen. In schools where there were no kitchen sheds meals were being cooked at the residence of the cook or in the tin shed in the school premises.

The kitchen sheds had been constructed under various development programmes including SSA.

Storage Facility

$\left.\begin{array}{|l|l|}\hline & \begin{array}{l}\text { and upper primary schools reported that they were satisfied with quantity and } \\ \text { quality of MDM served. However in } 35 \text { percent schools teachers and parents } \\ \text { stated that the quantity of MDM was poor. } \\ \text { In most schools parents were aware that MDM is being distributed to children } \\ \text { in schools but they were not aware of the nutritional value of the MDM } \\ \text { distributed to the children. The main source of information regarding MDM } \\ \text { was the teacher and students. } \\ \text { N. Inspection and Supervision }\end{array} \\ \text { It was reported in 42.5 percent schools that there was a regular inspection of } \\ \text { MDM. No inspection of MDM has been carried put by the SPMU. The DPO } \\ \text { had also not carried out any inspection in 45 percent schools. The BRC/CRC } \\ \text { and other block officers carried out quarterly inspection of the MDM in 57.5 } \\ \text { percent schools only.. } \\ \text { O. Impact } \\ \text { According to 32.5 percent schools teachers the MDM had helped in } \\ \text { improving the enrollment and attendance of children in schools. It had also } \\ \text { helped in improving the general nutritional levels of children. The teachers in } \\ 50 \text { percent schools reported that MDM had led to minimizing caste and } \\ \text { gender divides and also created an educational environment in schools. The } \\ \text { incidental benefits were reported in 50 percent schools and include regularity, } \\ \text { the siblings who accompany the older children also benefit. }\end{array}\right\}$

## District wise list of schools Covered for MDM monitoring

## District- Ajmer

| S.No. | District | Block |
| :---: | :---: | :---: |
| 1 | Ajmer | Arin |
| 2 | Ajmer | Arin |
| 3 | Ajmer | Arin |
| 4 | Ajmer | Arin |
| 5 | Ajmer | Arin |
| 6 | Ajmer | Arin |
| 7 | Ajmer | Arin |
| 8 | Ajmer | Arin |
| 9 | Ajmer | Bhinay |
| 10 | Ajmer | Bhinay |
| 11 | Ajmer | Bhinay |
| 12 | Ajmer | Bhinay |
| 13 | Ajmer | Kekri |
| 14 | Ajmer | Kekri |
| 15 | Ajmer | Kekri |
| 16 | Ajmer | kakri |
| 17 | Ajmer | Kekri |
| 18 | Ajmer | Kekri |
| 19 | Ajmer | Kekri |
| 20 | Ajmer | Kekri |
| 21 | Ajmer | Piosangan |
| 22 | Ajmer | Piosangan |
| 23 | Ajmer | Piosangan |
| 24 | Ajmer | Piosangan |
| 25 | Ajmer | Piosangan |
| 26 | Ajmer | Piosangan |
| 27 | Ajmer | Piosangan |
| 28 | Ajmer | Silora |
| 29 | Ajmer | Silora |
| 30 | Ajmer | Silora |
| 31 | Ajmer | Silora |
| 32 | Ajmer | Silora |
| 33 | Ajmer | Silora |
| 34 | Ajmer | Shri Nagar |
| 35 | Ajmer | Shri Nagar |
| 36 | Ajmer | Shri Nagar |
| 37 | Ajmer | Shri Nagar |
| 38 | Ajmer | Shri Nagar |
| 39 | Ajmer | Shri Nagar |
| 40 | Ajmer | Shri Nagar |
|  |  |  |
| 2 |  |  |
| 2 |  |  |

Name of Schools<br>Govt Primary School Borara<br>Govt SK Primary School Dhanin Banjaron<br>Govt Primary School Bhilon KI Dhani<br>Govt Non Residencial Briedge Course Gothiana<br>Govt Upper Primary School Dhani Jogian Kasheer<br>Govt Primary School Kheria<br>Govt Primary School Gothiyana<br>Govt Primary School Maliwara<br>Govt Girls Upper Primary School Barli<br>Govt Primary School Motipura Barli<br>Govt Upper Primary School Sapnikhera<br>Govt Upper Primary School Telara<br>Govt Primary School Chechya Ka Khera<br>Govt Primary School Chak Ka Khera<br>Govt Upper Primary School Nai Khera<br>Govt Upper Primary School Titariya<br>Govt Kastuba Gandhi Balika Vidyalaya Tashwariya<br>Govt Central Primary School Meodakalan<br>Govt Primary School Meodakalan Bisalpur colony<br>Govt Piolet Upper Primary School Kekri.<br>Govt AdarshUpper Primary School Arjunpura Jageer<br>Govt Upper Primary School Akhaipura<br>Govt Central Primary School Bhanwata<br>Govt Primary School Haripura<br>Govt Girls Uppper Primary School Mangliawas<br>Govt Upper Primary School Nadi II<br>Govt Upper Primary School Rundlai<br>Govt Upper Primary School Ambedkar Naya Shahar Govt Primary School Deo Doongri<br>Govt Sindhi Upper Primary School Housing Board Kishangarh.<br>Govt Kastuba Gandhi Balika Vidyalaya Khatolai<br>Govt Primary School Purani Mill Madanganj<br>Govt Upper Primary School Rathkhana<br>Govt Girls Upper Primary School Babaicha<br>Govt Central Primary School Balwanta<br>Govt Upper Primary School Bhawanikhera Govt Upper Primary School Jatli<br>Govt Upper Primary School Naka Madar<br>Govt Girls Upper Primary School Narwar<br>Govt Girls Upper Primary School Topdara.

## District- Baran

| S.No. | District | Block |
| :---: | :---: | :---: |
| 1 | Baran | Baran |
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Name of School<br>Govt Upper Primary School Amapura<br>Govt Girls Upper Primary School Naveen Baran

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Govt Girls Upper Primary School Purana Hospital
Govt Primary School Bhimganj Ward Baran
Govt Primary School Shahbad Ward Baran Govt Primary School Mandola Ward Baran
Govt Primary School Shri Ram Colony Baran
Govt Primary School Susawan Basti Baran Govt Upper Primary School Hinglot
Govt Girls Upper Primary School Chhabra
Govt Upper Primary School Vishankhera Chaina Govt Upper Primary School Reenchhra Govt Upper Primary School Madnakheri
Govt Upper Primary School Chhabra Pratham Govt Primary School Moreli Pathar Govt Upper Primary School Sarthal
Govt Upper Primary School Chhipabarod Pratham Govt Upper Primary School Govindpura Govt Primary School Miyara Govt Primary School Basti Pachhor Govt Upper Primary School Mehraota Govt Upper Primary School Balapura Govt Upper Primary School Radhapura
Govt Upper Primary School Lakhakheri Rampuria Govt Primary School Ummedpura Govt Primary School Pathria Govt Primary School Jagdeopura Danda

Govt Primary School Lathkhera Govt Primary School Shreepura Govt Primary School Seegri Govt Upper Primary School Majhari Govt Upper Primary School Sahrol Talhati Govt Upper Primary School Tilgavan Govt SK Upper Primary School Khairai Govt Secondary School Ganeshpura Govt Primary School Jawara Govt SK Primary School Guwari Govt Primary School Tanda Kachhion Govt SKP Primary School Kasba Nonera Govt SKP Primary School Jakhouni Govt Primary School Indira Colony Khushiara Govt Primary School Ounda Khara

## District- Bikaner

Govt Seth Shermal Daga Girls UPS Gangashahar Govt Upperb Primary School Rani Bazar Bikaner Govt Duggar Upper Primary School Deshnok
Govt Pabu Upper Primary School Bikaner City
Govt Girls Upper Primary School Palana Bikaner Govt Kasat Upper Primary School Deshnok Govt Primary School Nehru Basti Deshnok
Govt Primary School Railway Crosing Bikaner Govt Upper Primary School Madhogarh
Govt Upper Primary School Sankhala Basti Kolayat Govt Upper Primary School Diayatara

| 12 | Bikaner | Kolayat | Govt Upper Primary School Mudd |
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| 13 | Bikaner | Kolayat | Govt Upper Primary School Godu |
| 14 | Bikaner | Kolayat | Govt Primary School Beldar Basti Kolayat |
| 15 | Bikaner | Kolayat | Govt Primary School Ward No 7 Kolayat |
| 16 | Bikaner | Kolayat | Govt Primary School Charanon ka Mohalla Diayatara |
| 17 | Bikaner | Kolayat | Govt Primary School 8 PSM Kolayat |
| 18 | Bikaner | Kolayat | Govt SK Primary School Chainpura |
| 19 | Bikaner | Kolayat | Govt Primary School Charanwala |
| 20 | Bikaner | Kolayat | Govt Primary School 3PSSM Ranjitpura |
| 21 | Bikaner | Lunkaransar | Govt Girls Upper Primary School Rajasar Bhatian |
| 22 | Bikaner | Lunkaransar | Govt Upper Primary School Khiyera |
| 23 | Bikaner | Lunkaransar | Govt Primary School Dhani Napasar |
| 24 | Bikaner | Lunkaransar | Govt Primary School Dhani Kunda |
| 25 | Bikaner | Lunkaransar | Govt Primary School Dhani Dudia Rawalpura |
| 26 | Bikaner | Nokha | Govt Upper Primary School Bada Bas Surpura |
| 27 | Bikaner | Nokha | Govt Upper Primary School Raisar |
| 28 | Bikaner | Nokha | Govt Upper Primary School Mohanpura |
| 29 | Bikaner | Nokha | Govt Primary School Naya Kuwa Nokha |
| 30 | Bikaner | Noha | Govt Primary School Ward NO 1 Nokha |
| 31 | Bikaner | Shri Dungargarh | Govt Upper Primary School Harijan Basti kalubas |
| 32 | Bikaner | Shri Dungargarh | Govt Girls Upper Primary School Surpur Teu |
| 33 | Bikaner | Shri Dungargarh | Govt Girls Upper Primary School Sheruna |
| 34 | Bikaner | Shri Dungargarh | Govt Girls Upper Primary School Derajsar |
| 35 | Bikaner | Shri Dungargarh | Govt Girls Upper Primary School Dulchasar |
| 36 | Bikaner | Shri Dungargarh | Govt Primary School Dulchasar |
| 37 | Bikaner | Shri Dungargarh | Govt Primary School Seruna |
| 38 | Bikaner | Shri Dungargarh | Govt Primary School Karwa Rohi |
| 39 | Bikaner | Shri Dungargarh | Govt Primary School Utrada Bas Sanwatsar |
| 40 | Bikaner | Shri Dungargarh | Govt Primary School Harijan Mohalla Derajsar |

## District- Chittorgarh

| S.No. | District <br> 1 | Block <br> Chittorgarh <br> Badi sadri |
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| 3 | Chittorgarh | Badisadri |
| 4 | Chittorgarh | Badi Sadri |
| Chittorgarh | Badisadri |  |
| 5 | Chittorgarh | Badi sadri |
| 6 | Chittorgarh | Badi sadri |
| 7 | Chittorgarh | Begun |
| 8 | Chittorgarh | Begun |
| 9 | Chittorgarh | Begun |
| 10 | Chittorgarh | Bhadesar |

Name of School<br>Govt Upper Primary School Thikariya Kheri<br>Govt Upper Primary School Lalpura<br>Govt Primary School Pairy<br>Govt SK Primary Pooja ka Phala<br>Govt Upper Primary School Ratanpur<br>Govt Residencial Briedge Course Badi Sadri<br>Govt Kasturba Gandhi Balika Vidyalay Chechi<br>Govt Primary School Bassi Fatehpur<br>Govt Primary School Bassi<br>Govt Upper Primary School Asawara

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| Chittorgarh | Kapaan |
| Chittorgarh | Kapasan |
| Chittorgarh | Chittorgarh |
| Chittorgarh | Rashmi |
| Chittorgarh | Rashmi |
| Chittorgarh | Rashmi |
| Chittorgarh | Rashmi |

Govt ML Sukharia Adarsh Upper Primary School Bhadesar Govt Primary School Mehtaron Ka Khera

Govt Kasturba Gandhi Balika Vidyalay Bhadesar Govt Upper Primary School Potala Kalan Govt Primary School Sadalkhera Govt.Upper Primary School Biokhera Govt Primary School Bhilon ki Dhani Govt Primary School Chittori Govt Primary School Delhi Gate Govt Primary School Joona Bazar

Govt Upper Primary School Meeranagar
Govt Girls Upper Primary School Pandanpol
Govt Upper Primary School Premnagar
Govt Upper Primary School Station Road

Govt Upper Primary School Senti
Govt Non Residencial Briedge Course Bhil Basti Kapasan
Govt Upper Primary School Heeraji Ka Khera
Govt Upper Primary School Kesar Kheri

Govt Kasturba Gandhi Balika Vidyalay Peepal Kheri
Govt Upper Primary School Rghunathpura
Govt Adarsh Primary School Umand
Govt Upper Primary School Chamti Khera

Govt Primary School Bhilon Ka Khera
Govt Primary School Bherukhera
Govt SK Primary School Earia Khera
Govt Upper Primary School Heerakheri

| 37 | Chittorgarh | Rashmi | Govt Primary School Kalbelia Basti |
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| 38 | Chittorgarh | Rashmi | Govt Upper Primary School Uncha |
| 39 | Chittorgarh | Rashmi | Govt upsUpper Primary School Uperera |
| 40 | Chittorgarh | Bhadesar | Govt Upper Primary School Asawara Matali Khera |

