

The Menstrual Practice Needs Scale Short Form (MPNS-R) Interview Version

You do not need permission to use the MPNS, as long as you cite the scale in your report. Hennegan, J., Hasan, M.T., Jalil, T., Hunter, E.C., Head, A., Jabbar, A., Mohosin, A.B., Zoha, N.S., Alam, M.K., Dunstan, L., Akter, S., Zaman, A., Kaiser, A., Smith, C., Bagala, L., & Azzopardi, P.S. Menstrual Practice Needs Scale Short Form (MPNS-SF) and Rapid (MPNS-R): Development in Khulna, Bangladesh, and validation in cross-sectional surveys from Bangladesh and Uganda. (2024). BMJ Open, 14, e079451. https://doi.org/10.1136/ bmjopen-2024-084581

During your last menstrual period							
1	Did you have enough of your menstrual materials to change them as often as you wanted to?	Never Sometimes Often Always					
2	Were you worried that your menstrual materials would allow blood to pass through to your outer garments?	Never Sometimes Often Always					
3	Were you able to dispose of your used materials in the way that you wanted to?	Never Sometimes Often Always N/A					
At home during your last menstrual period							
4	When at home, were you satisfied with the place you used to change you menstrual materials? (eg., it was clean, safe and had what you needed)	Never Sometimes Often Always					
5	When at home, were you worried that someone would see you while you were changing your menstrual materials?	Never Sometimes Often Always					
At school [work/away from home] during your last menstrual period							
6	When at school, were you able to change your menstrual materials when you wanted to?	Never Sometimes Often Always N/A					
7	When at school, were you worried that someone would see you while you were changing your menstrual materials?	Never Sometimes Often Always N/A					
Did you wash or reuse any materials during your last period? If no skip questions 8 and 9. During your last menstrual period							
8	Did you have enough water and soap (detergent, laundry powder, detol) to soak or wash your menstrual material?	Never Sometimes Often Always N/A					
9	Were you worried that others would see your menstrual materials while they were drying?	Never Sometimes Often Always N/A					



MPNS-R Guidance

Response options

- It may be helpful to substitute "Sometimes" for "Less than half the time" and "Often" for "More than half the time".
- A short pre-survey activity is available on our website to familiarise respondents with the response options. It is highly recommended to do the pre-activity before conducting the MPNS.



MPNS-R Guidance

Scoring

The table to the right shows the score for each item. **Note** that the scale includes reverse scoring for some items (highlighted in grey). Use the table and the information below to calculate the total score.

Total Score:

The MPNS-R total score is calculated as the mean (average) across all answered items. Add up the points then divide by the number of items answered. The MPNS-R does not have individual sub-scales.

For more information about scoring the MPNS, including handling missing data, interpreting scores, and generating catergories of need using thresholds, please see the <u>MPNS User Guide.</u>

	Never	Sometimes	Often	Always
	Mean score of items			
MPNS-R Item 1	0	1	2	3
MPNS-R Item 2	3	2	1	0
MPNS-R Item 3	0	1	2	3
MPNS-R Item 4	0	1	2	3
MPNS-R Item 5	3	2	1	0
MPNS-R Item 6	0	1	2	3
MPNS-R Item 7	3	2	1	0
MPNS-R Item 8	0	1	2	3
MPNS-R Item 9	3	2	1	0
Total score	Mear	score of all	answered i	tems

Filtering and eligibility

Not all MPNS items may be relevant to all respondents. Applicable items may vary based on an individuals' menstrual materials (eg., if they were reused), or locations where menstruation occurred. The scale can be completed more easily if respondents are only presented the items that are relevant to them. This can be done using prior survey questions to test eligibility and filter MPNS items.

The provided eligibility questions work when the survey is delivered electronically, or by and enumerator. "Not applicable" may be incorporated as a response option if filtering questions are not used, or if a respondent is self-completing a paper survey.

Disposal				
Did you dispose of (throw away) any menstrual mate period? *note: includes single-use materials and resua their life	0,			
School attendance				
Did you attend any school/work during your menstruperiod in the past six months?	Yes [skip next question]No [ask next question]			
If no, "Did you attend any school/work during your last period in the past three or six months?"	Yes, 3 or 6 monthsNo [If no, respondent should skip MPNS items 6-7]			
Changing at school/work/away from home				
 The last time you attended school during your menstrual period, did you ever change your menstrual materials at school? * note this question should only be asked of respondents who attended school during menstruation in the past 6-months. Yes No [If No, the respondent shou skip or respondent shou skip or respond 'not applicable MPNS 7] 				
Reusing				
Did you wash and reuse any menstrual materials during your last period? • Yes • No [If No, the respondent should not answer MPNS 8 -				