JOINT MULTI-SECTOR NEEDS ASSESSMENT

Key Findings: refugees and host communities

October 2019

MSNA TECHNICAL WORKING GROUP

Coordinated by:



Funded by:



Humanitarian Aid and Civil Protection



Technical contributions:













METHODOLOGY

DESIGN

 Indicators selected by Sectors and subsequently reviewed and refined by MSNA TWG

COVERAGE

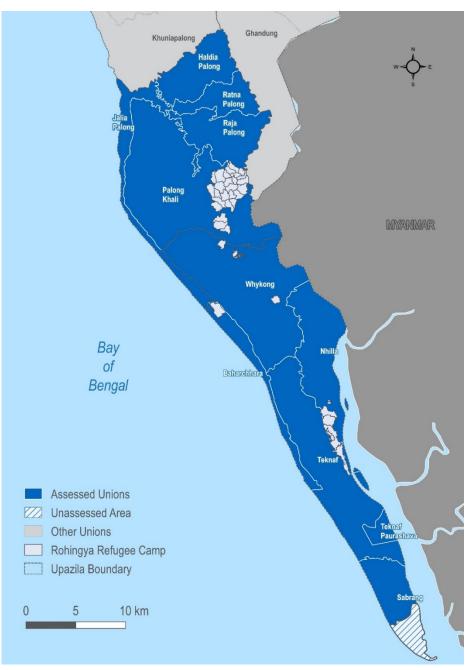
- Refugee MSNA: ~95 households in each of the 34 camps (3,418 in total)
- Host Community MSNA: ~100 households in each of the 11 Unions* (1,311 in total)

DATA COLLECTION

- All surveys conducted August 5 September 15
- Enumerator teams were 50:50 male and female, comprised of 80 REACH and 24 IOM NPM enumerators

HOUSEHOLD SURVEY APPROACH

 Simple random sampling of shelter footprints in each Union and camp, producing results with a 95% confidence level a 10% margin of error for each Union and camp

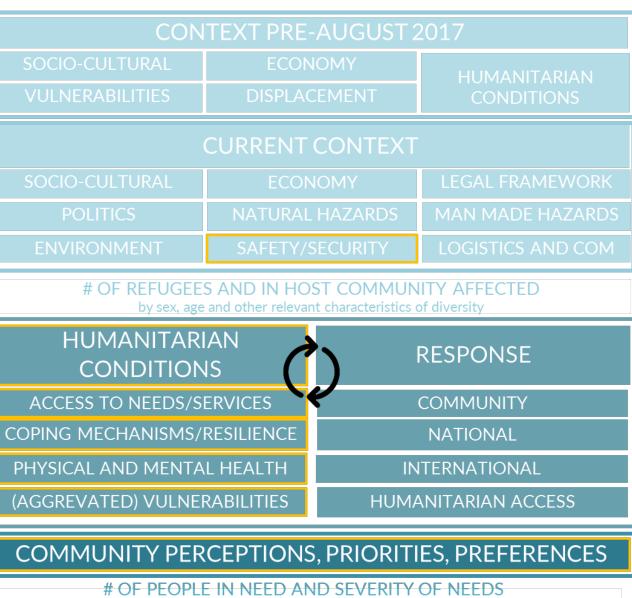


*St. Martin's Island was not included in the target population **Shahporir Dwip in Sabrang Union was inaccessible during data collection

ANALYTICAL FRAMEWORK

Focus MSNA

The MSNA is not designed to be considered in isolation. Findings must be triangulated or supplemented with other data sources and considered within a larger rights-based or impact-based contextual framework.



by sex, age and other relevant characteristics of diversity

TREND/RISK ANALYSIS

CURRENT AND POSSIBLE FUTURE NEEDS AND CONCERNS

LIMITATIONS

- **Coverage:** Shahporir Dwip (Wards 7, 8, 9 in Sabrang Union) was inaccessible during data collection and not surveyed; the village of Hati Mura (Raja Palong) was also not accessible during data collection due to an inter-community dispute on that day, and was thus not surveyed. The findings cannot be extrapolated to sites that were not visited.
- **Proxy:** Data on individuals are collected by proxy from the respondent and not directly from household members themselves.
- **Respondent bias:** Certain indicators may be under-reported or over-reported due to the subjectivity and perceptions of respondents (especially "social desirability bias" the tendency of people to provide what they perceive to be the "right" answers to certain questions).
- **Perceptions:** Questions on household perceptions do not directly reflect the realities of service provision or security conditions in camps and host community areas only on individuals' perceptions of them.
- Camp / union variations: Differences between camps and unions that fall within the study's margin of error may represent random variation rather than "true" differences. Findings should be verified before making decisions on resource allocation.
- Limitations of household quantitative surveys: While household-level quantitative surveys seek to provide measurable information that can be generalized (and are representative) of the populations of interest, the methodology is not suited to provide in-depth explanations for complex issues. Thus, questions on 'how' or 'why' (e.g. reasons for feeling unsafe) are best suited to be explored through an accompanying qualitative component. Users are reminded to supplement and triangulate findings from this survey with other surveys and data sources.
- Subset indicators: indicators/findings that refer to a subset (a part of the overall population) (e.g. 'of households that did make shelter improvements...') may have a lower confidence level and a wider margin of error.
- Timeframe of data collection: Users are reminded that data collection occurred during the rainy season

Key findings: Refugee MSNA

MSNA data suggest that coverage of basic services is extensive within the constraints of the operating environment. Findings do not point to household-level outcomes indicative of widespread extreme gaps in basic living standards. This suggests that that the response is in many respects successful in implementing provision of lifesaving assistance.

Findings suggest that coverage of basic food needs is extensive, and not indicative of widespread gaps in food consumption patterns. This reflects a continuation of conditions reported in the 2018 Refugee influx Emergency Vulnerability Assessment (REVA II).

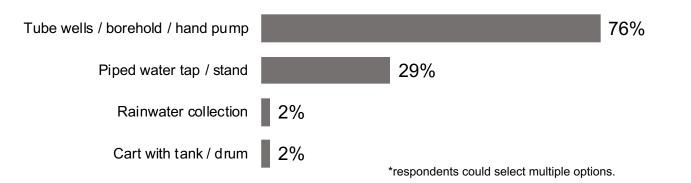
% of households by Food Consumption Score*



% of households with poor food consumption scores were not found to exceed 9% in any camp

* The Food Consumption Score (FCS) is a composite score based on (1) dietary diversity; (2) food frequency; and (3) relative nutritional importance of 9 weighted food groups. The FCS is recorded from a 7-day recall period.

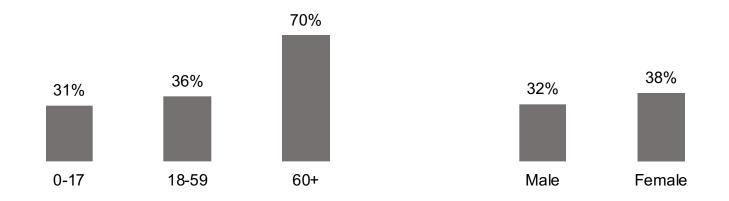
% of households reporting main source(s) of water used for drinking and cooking*



99%

of households reported accessing improved water sources for drinking and cooking

35% of individuals were reported to have an illness serious enough to require medical treatment in the 30 days prior to data collection, affecting **80%** households overall (gender and age breakdown below)



Findings suggest high prevalence of healthseeking behaviours among refugee populations

97%

of individuals that were reported to have an illness serious enough to require medical treatment **sought treatment**

Most individuals were reported as seeking treatment at an NGO clinic Of individuals reported as having an illness serious enough to require medical treatment in the 30 days prior to data collection who sought treatment (n = 5771), % by treatment location*

9%
29%
22%
8%
2

*respondents could select multiple options.

Findings suggest that fuel needs are being met and that coverage is generally widespread. The proportion of households reporting exclusively using LPG has also increased from 75% in the June 2019 MSNA

% of households reporting type of cooking fuel used in the 30 days prior to data collection*

purchased firewood

% of households reporting what has been going well with assistance and services received in the past 6 months prior to data collection (top 5)**

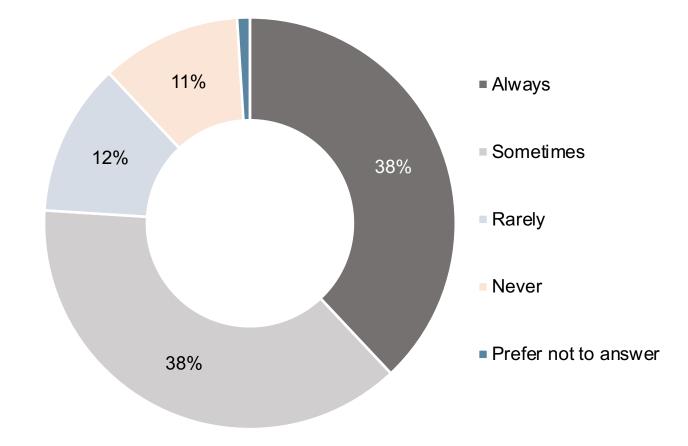


**respondents could select multiple options

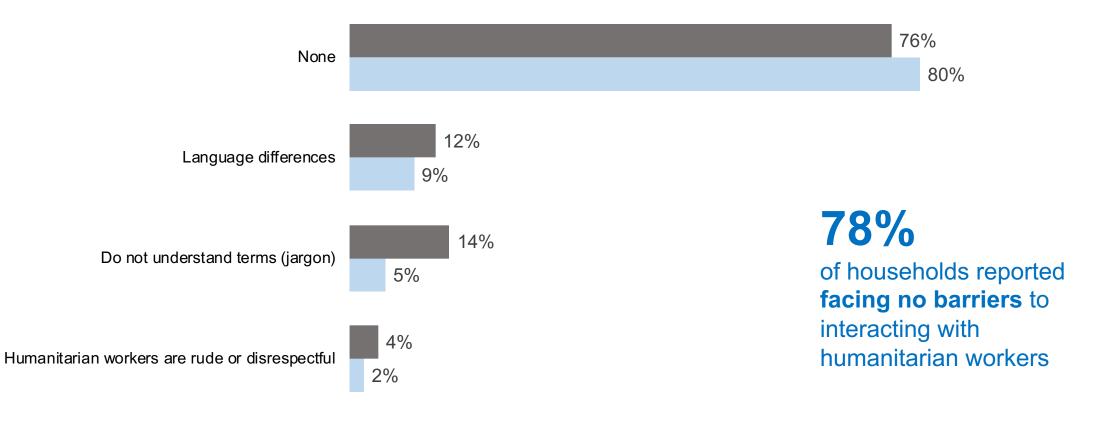
% of households reporting how frequently they felt that their opinion was taken into account when providing aid / services

76%

of households reported feeling that their opinion was **always** or **sometimes** taken into account when providing aid / services



% of households reporting facing barriers to interacting with humanitarian workers



■ Female respondents ■ M

Male respondents

2

However, there remain outstanding gaps in access and coverage of basic goods and services. Some of these concerns may affect the refugee community as a whole, regardless of who or where they are.

32%

of households **did not make improvements** to their shelter in the 6 months prior to data collection, **despite reporting the need to do so***

Of households not making improvements to their shelter in the 6 months prior to data collection (n = 1555):

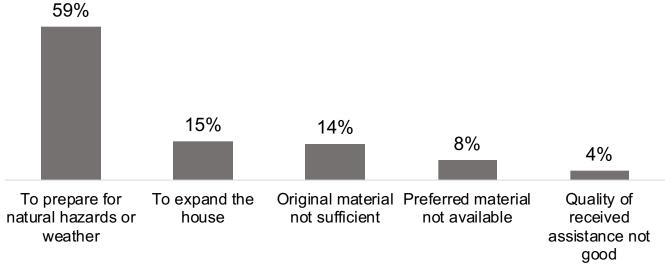
65% stated lack of enough money as a reason for not making improvements

*Overall, **46%** of households reported not making improvements to their shelter. However, a portion of these households reported not making improvements because there was no need to do so. This indicator reflects those households that did not report making any improvements but did report needing to.

34%

of households reported **purchasing materials** (or exchanging other goods) **in order to make improvements** to their shelter in the 6 months prior to data collection

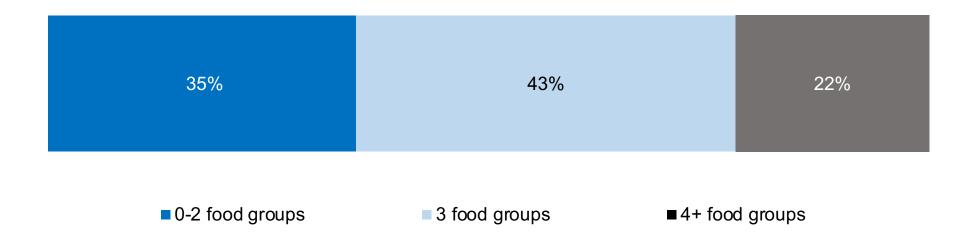
Of households that purchased shelter material to make improvements**, % by reason for purchasing materials***



** Respondents could select multiple options

*** This question was only asked of households that reported purchasing shelter material to make improvements (n = 1136).

% of households by household dietary diversity*



While findings suggest that households have managed to avoid "poor" food consumption outcomes, far too many continue to face 'borderline' conditions, particularly in regard to dietary diversity. A deeper analysis would be required to understand households' risk of facing deteriorating outcomes in light of exiting precarious conditions.

*The standard module to calculate a Household Dietary Diversity Score (24-hour recall period) was *not* included in the questionnaire. These findings represent the % of households who reported consuming numbers of food groups at least 6-7 times during the 7 days prior to data collection

Not all households reported sufficient water quantities to meet basic needs

Enough water for drinking87%Enough water for cooking90%Enough water for personal hygiene83%Enough water for domestic purposes49%

<1%

of households reported open defecation as their usual sanitation practice, yet:

1 in 4

households reported visible traces of human faeces in the vicinity (30 meters or less) of their accommodation in the 30 days prior to data collection

67% of households reported having soap

26%	Visible faeces
39%	Visible waste
16%	Visible stagnant water

% of households reporting areas where male and female members feel unsafe (top 3)*

	Males	
0	Market	18%
2	Latrines	15%
8	Shelter	8%
	Females	
0	Latrines	25%
2	Water points	14%
3	Market	12%

*respondents could select 3 options. Male respondents were only asked to respond on behalf of male members of their households while female respondents were only asked to respond on behalf of female members of their household.

Of households reporting at least one area where male (n = 552) and female (n = 765) members do not feel safe:

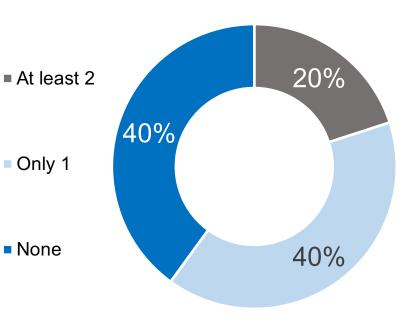
33% cited **lack of enough light at night** as a reason for **male** members feeling unsafe in these locations

(**#2** most commonly reported reason, after fear of abduction)

50% cited lack of enough light at night as a reason for female members feeling unsafe in these locations

(#1 most commonly reported reason)

% of households reporting the number of (functioning) portable lamps they own

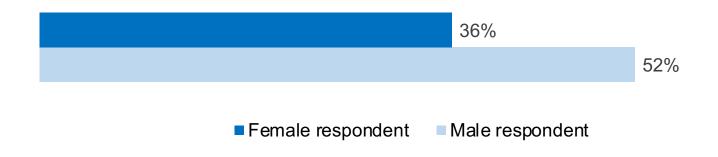


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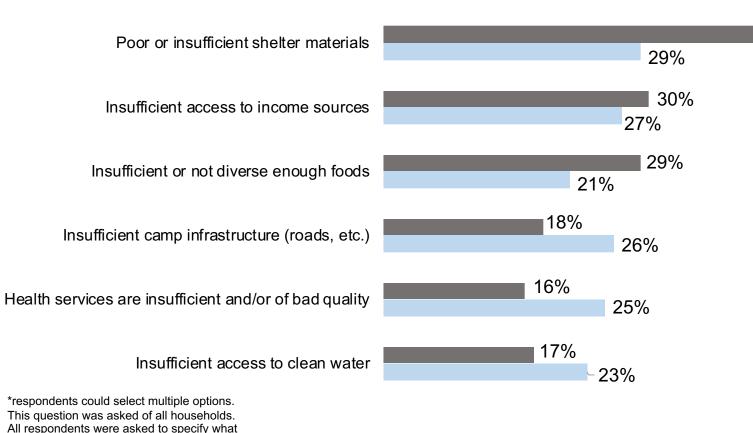
44%

of households reported being visited by a community health worker in the past 2 weeks prior to data collection

Overall (by respondent gender)



% of households reporting what has **not** been going well with assistance and services received in the past 6 months prior to data collection*

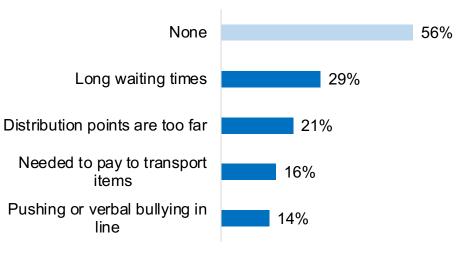


44%

43%

of households reported facing challenges picking up aid distributions in the 30 days prior to data collection

% of households reporting challenges picking up aid distributions in the 30 days before data collection**



**respondents could select multiple options

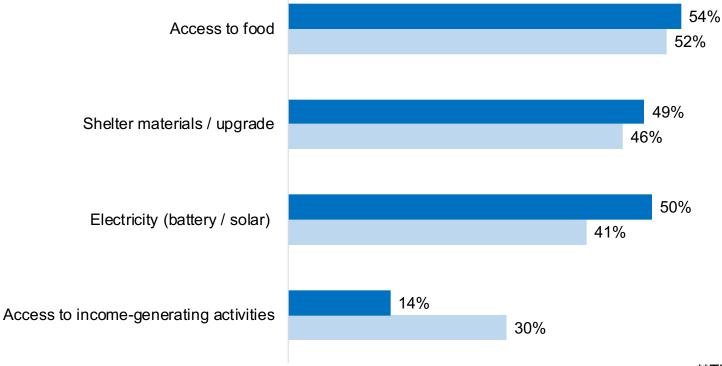
Female respondent Male respondent

was going well with assistance and services

received in a separate question.

When the priority needs cited by refugees are ranked in order of importance, 'access to food' featured significantly higher than the second-ranked priority need (shelter materials / upgrades). The top 3 overall rank far higher than any other priority need cited by respondents.

% of households reporting the priority needs for which they require additional support (top 4, unranked)*



Male respondent Female respondent

*proportion of households reporting each priority need as a top 3 need, unranked

% of households reporting the priority needs for which they require additional support (top 4, ranked)**

	Overall	Male respondents	Female respondents
Access to food	1.37	1.35	1.39
Shelter materials / upgrade	0.89	0.80	0.99
Electricity (solar, battery)	0.68	0.60	0.76
Access to income generating activities / employment	0.32	0.46	0.19

**The ranking findings reflects a Borda Count methodology of 17 priority needs, which determines the relative ranking of items by assigning each response a certain number of points corresponding to the position in which each respondent ranks it.

3

In some cases, these gaps in coverage seem to disproportionately affect specific population groups or localities. Often, findings point to notable gaps for households living in southern Teknaf camps and/or in more mixed conditions with host communities.

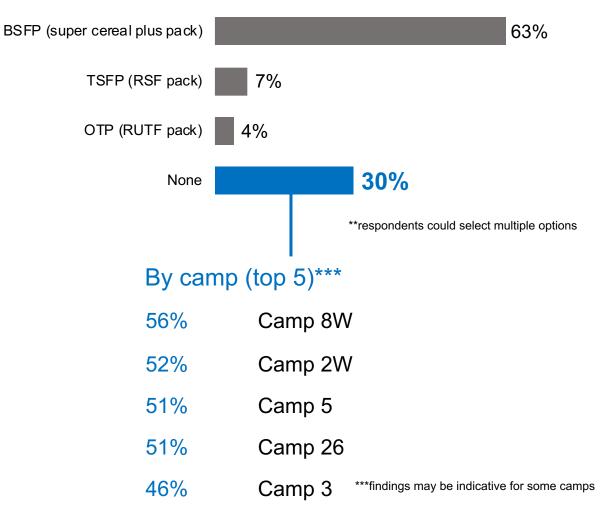
Camp-level findings on food consumption score indicate wide variation in food consumption outcomes between different localities

Food Consumption Score* Camp-level findings: % of households with a calculated FCS of 'Acceptable' (**54%** overall)

	78%	Camp 23	Camp 10	44%	
Upper 4	68%	Camp 4 Ext.	Camp 7	41%	Low
Upp	68%	NRC	Camp 7 Camp 1E	33%	er 4
	67%	Camps 14 & 8W	Camp 1W	27%	

*The FCS reported above refers to food consumed during the 7 days prior to data collection.

% of individuals aged 6 to 59 months (n = 3440) reported as being currently enrolled in any nutritionfeeding program, by type of program**



10% of refugee households overall reported paying money or goods in the 6 months prior to data collection as a form of rent.

Camps with the highest proportion of households reporting paying rent to someone in order to live in their shelter in the 6 months prior to data collection

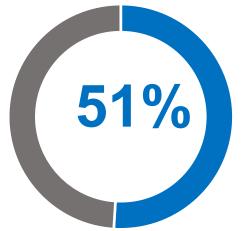
95%	Camp 25
79%	Camp 27
72%	Camp 24
63%	Camp 23
32%	Camp 26
21%	Camp 1E
12%	Camp 22

% of households reporting firewood use (purchased or self-collected), by camp (upper 4)*

52%	Camp 8W
37%	Camp 27
35%	Camp 24
32%	Camp 23

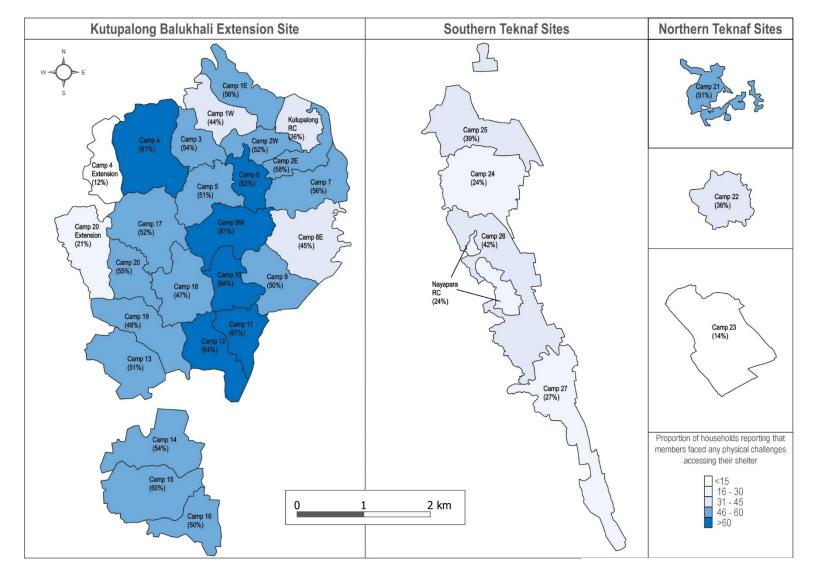
*respondents could select multiple options. This indicator does not imply that households reported exclusively using firewood.

% of households reporting that members face any physical challenges accessing their shelter



By camp (upper 6)

81%	Camp 8W
67%	Camp 11
64%	Camp 10
64%	Camp 12
62%	Camp 6
61%	Camp 4



12% of refugee households overall reported needing to access surface water for drinking or cooking during the last dry season.

Households who reported this need were highly concentrated in six camps in Teknaf:

58%	Camp 24
54%	NRC
48%	Camp 25
47%	Camp 27
34%	Camp 26
31%	Camp 22

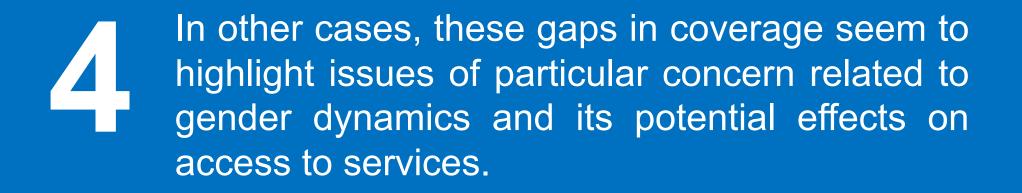
1 in every 5 households

in Camps 24, 25, and 27 were using surface water or rainwater collection as a main water source for bathing and washing at the time of data collection (roughly) – which may have important health-related implications

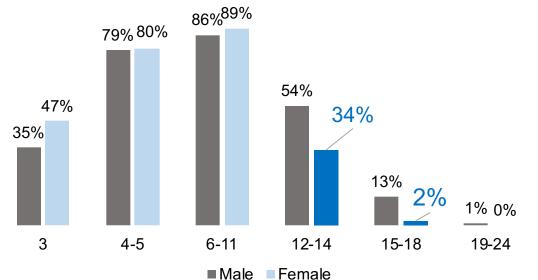
30% of households overall reported that they faced any challenges accessing markets in the past 4 weeks prior to data collection

Camps with the highest proportion of households reporting that they faced any challenges accessing markets in the past 4 weeks prior to data collection

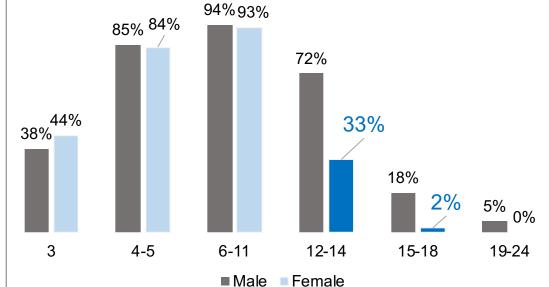
58%	Camp 24
54%	NRC
48%	Camp 25
47%	Camp 27



% of children and youth (3 - 24) were reported to be attending a **temporary learning centre (TLC)** at least 4 days per week (during the 30 days prior to data collection)

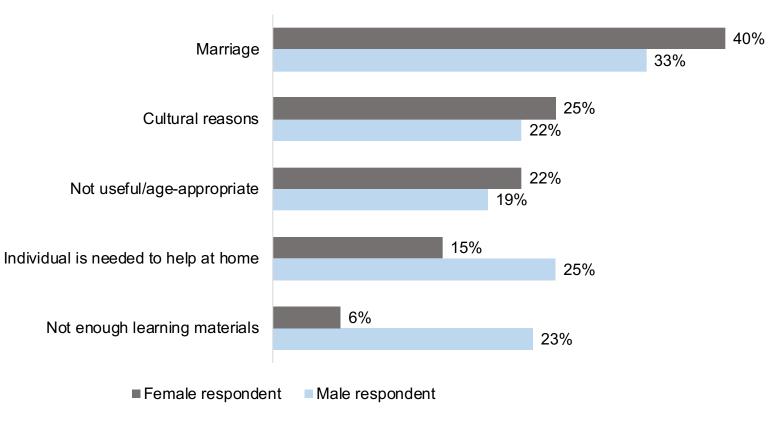


% of children and youth (3 - 24) were reported to be attending a madrassa (during the 30 days prior to data collection)



Low attendance rates at educational facilities affect adolescents aged 12 and over, but particularly adolescent girls.

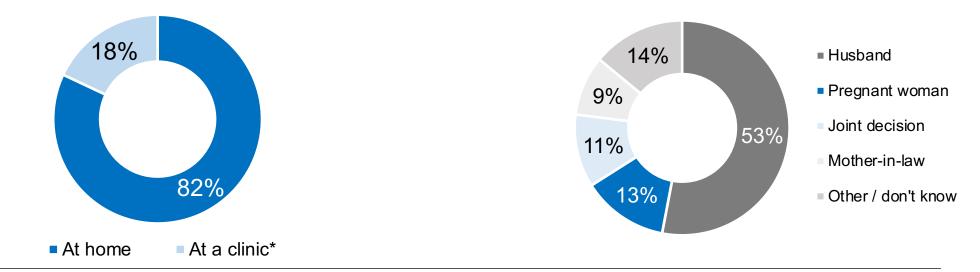
Of households with a school-aged child or youth (aged 3 - 24) not reported as regularly attending a TLC at least 4 days per week in the 30 days prior to data collection (n = 2729), % reporting education barriers (by gender of respondent)**



**respondents could select 3 options

Of individual children born in the 12 months prior to data collection (n = 520), % reporting location of delivery^{**}

% of households reporting who decides where a pregnant woman gives birth



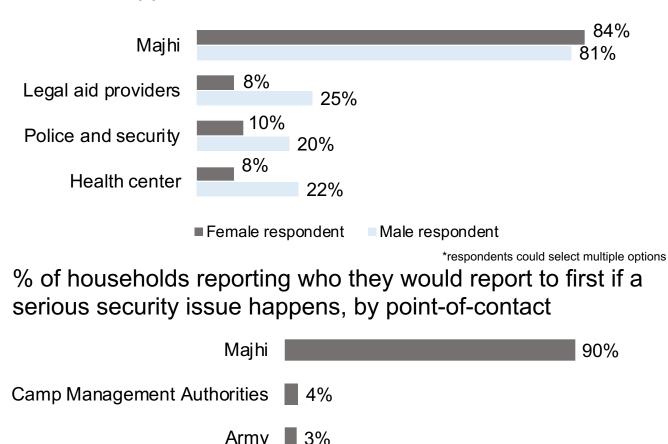
44%

of individuals aged 0 - 2 years (n = 1613) were not reported as being breastfed immediately / within an hour of birth

** Findings on location of delivery should be triangulated with health sector data. The recall period was in the past year (children 0-11 months) and not in the past 6 months (children 0 - 6 months)

* Clinic run by government, NGO or private

% of households reporting point-of-contact if they needed to refer a friend who was sexually assaulted for care and support*



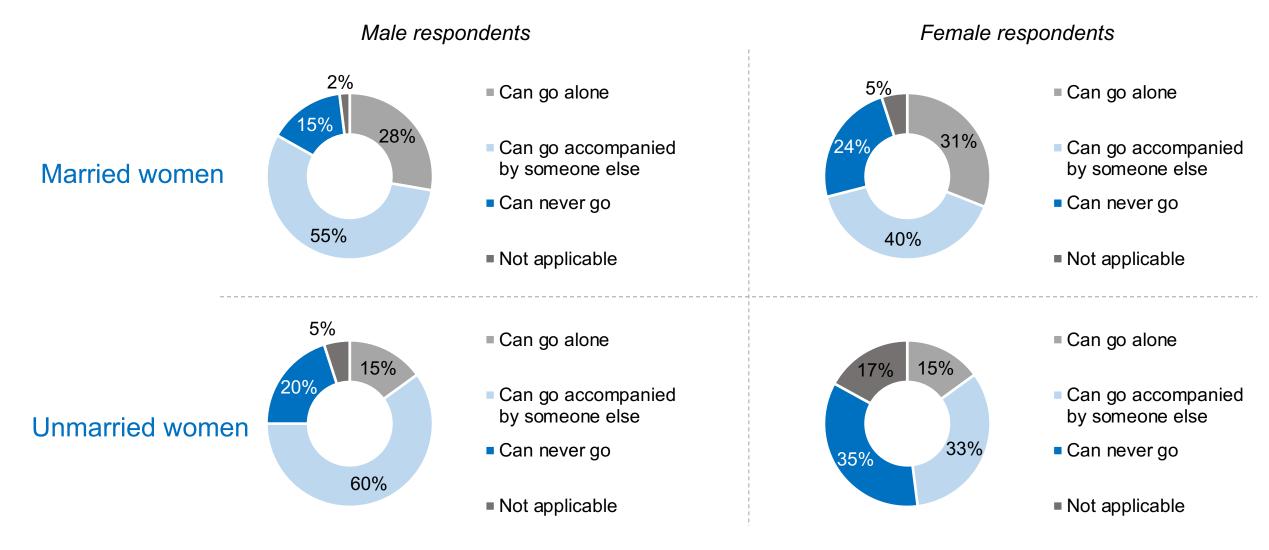
UN or NGO staff 1%

Female respondents were less likely / able to name other resources / mechanisms of support other than Majhi in the event of sexual assault

15%

of respondents would refer a friend who was sexually assaulted to health facilities, police and security, or legal aid service providers

% of households reporting on gender norms and freedom of movement for women to go to the local market



5 While findings point to generally high coverage of basic needs and services, refugees reported the need to seek out additional means beyond humanitarian assistance to cover their needs. Levels of household-level coping extended beyond aid dependency and selling of assistance items.

% of households reporting spending >0 BDT on the following items / services in the month prior to data collection

96%	Food
77%	Transportation
74%	Communication costs
72%	Medical expenses
46%	Clothing and shoes
41%	Festivals or community events**
37%	Debt repayment
30%	Hygiene items
27%	Shelter materials
26%	Kitchen items
25%	Educational materials

69% of households reporting borrowing money or purchasing items on credit in the 30 days preceding data collection.

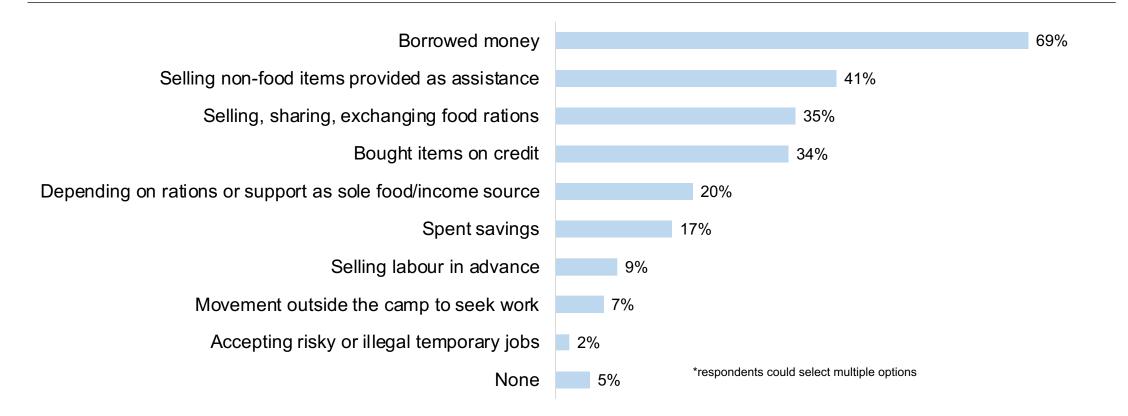
This proportion seems to be increasing across different rounds of the MSNA: 35% in July 2018, 45% in January 2019, 69% in August 2019.

Out of all households, most frequently cited reasons for borrowing money or purchasing items on credit*

To purchase food	57%
Cover health expenses	55%
To buy clothes or shoes**	13%

*respondents could select multiple options
**the data collection period included the festival of Eid al-Adha

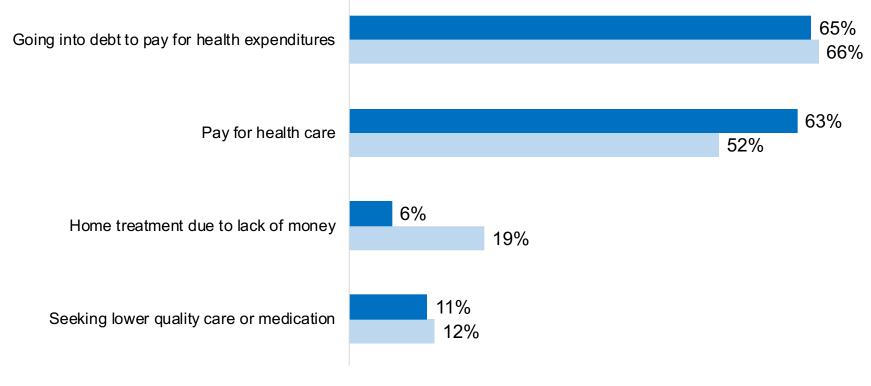
% of households engaging in coping strategies due to a lack of money to meet basic needs, during the 30 days prior to data collection*



95% of households reported engaging in coping strategies due to a lack of money to meet basic needs, during 30 days prior to data collection

Many refugee households report engaging in coping mechanisms in order to manage health-related issues: including paying for care or even incurring debt to secure treatment

Among the **80%** of households with at least one member with an illness, % reporting using coping mechanisms during the month prior data collection (n = 2,724)*:



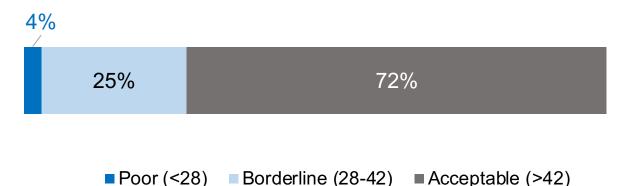
Male respondent

Female respondent

Key findings: Host Community MSNA

Assessment findings suggest that that there are similar proportions of households with minimal needs as having extreme gaps, with the majority falling between either extreme. This reflects the socio-economic environment that should underpin considerations of host communities' needs.





% of households by household dietary diversity**



There is minimal geographic variation among Unions when it comes to food security outcomes

However, the lack of dietary diversity continues to be a major driver of need.

* The Food Consumption Score (FCS) is a composite score based on (1) dietary diversity; (2) food frequency; and (3) relative nutritional importance of 9 weighted food groups. The FCS is recorded from a 7-day recall period

**The standard module to calculate a Household Dietary Diversity Score (24-hour recall period) was *not* included in the questionnaire. These findings represent the % of households who reported consuming numbers of food groups at least 6-7 times in a week.

% of households reporting main source(s) of water used for drinking and cooking*

Tube wells / borehole / hand pump		89%
Piped water tap / tap stand into settlement site	13%	
Protected dug well	3%	
Rainwater collection	2%	
Surface water	2%	
Unprotected dug well		
	*respondents could select multiple options	

Most host community households reported accessing improved water sources for drinking and cooking

However, not all households reported sufficient water quantities for all purposes

% of households reporting having enough water to meet basic needs, by type of need

Enough water for drinking	94%
Enough water for cooking	93%
Enough water for personal hygiene	87%
Enough water for domestic purposes	65%

17%

of households reported the presence of at least one individual requiring assistance to complete daily activities

Of households reporting the presence of at least one individual requiring daily assistance:

Fewer than 1 in 5

reported being able to access support for this individual

79%

of households reported being connected to the electricity grid

Lower proportions of households reported being connected to the electricity in Ukhiya Unions

- 1. 92% Teknaf Paurashava
- 2. 89% Sabrang
- 3. 86% Teknaf Sadar
- 4. 83% Nhilla
- 5. 82% Ratna Palong
- 6. **79%** Raja Palong

- 7. 78% Whykong
- 8. **75%** Baharchhara
- 9. **74%** Jalia Palong
- 10. **74%** Haldia Palong
- 11. **50%** Palong Khali

Of households reporting not being connected to the electricity grid, **55%** attributed this to being **unable to pay for electricity***

*The denominator for this indicator is households without electricity (21%) (n = 278)

Most households reported owning their land and most households reported owning the house that they are occupying. Only 2% of households reported that they rented their current accommodation. However, findings point potential gaps in regard to perceived security of tenure:

10%

of households reported feeling at risk of eviction or being forced to leave their house / shelter in the next few months

37%

of households reported **not making improvements to their shelter** in the 6 months prior to data collection, **despite reporting the need to do so**

Of households not making improvements to their shelter in the 6 months prior to data collection (n = 797):

60% stated lack of enough money as a reason for not making improvements*

*Overall, **61%** of households reported not making improvements to their shelter. However, a portion of these households reported not making improvements because there was no need to do so. This indicator reflects those households that did not report making any improvements but did report needing to. Findings did not show significantly worse-off conditions or needs in any given area in the assessed host communities. However, certain indicators demonstrated issues in access to water and education in Teknaf Upazila.



81% of households reported never accessing surface water for drinking or cooking during the last dry season.

Those households who reported needing to were mostly concentrated in Teknaf.

Unions with the highest proportion of households reporting accessing surface water (a couple of times or almost every day) for drinking or cooking during the last dry season

35%	Whykong
30%	Baharchhara
26%	Nhilla
25%	Teknaf Sadar

% of school-aged children and youth (aged 4 – 24) reported to be **attending any formal education** opportunities during the current academic year*

75%

5 - 11

17%

4

59%

12 - 17

30% of households reported the presence of at least one primary or secondary school-aged child (5 - 17) in the household who was not attending any learning opportunities

Unions with the highest proportion of households reporting the presence of at least one primary or secondary school-aged child who was not attending any learning opportunity were concentrated in Teknaf Upazila



* Formal education opportunities include government school, Alia madrassa, private school (non-religious), university, technical college, college (public or private), or Ministry of Youth and Sport Development Programmes

18 - 24



% of households reporting areas in their neighbourhood where male and female members feel unsafe (top 3)*

Males

0	Market	14%
2	On way to / from key facilities	13%
3	Firewood collection sites	10%

6%

of households reported the presence of a child (<18 years) in the household who is already or is about to get married

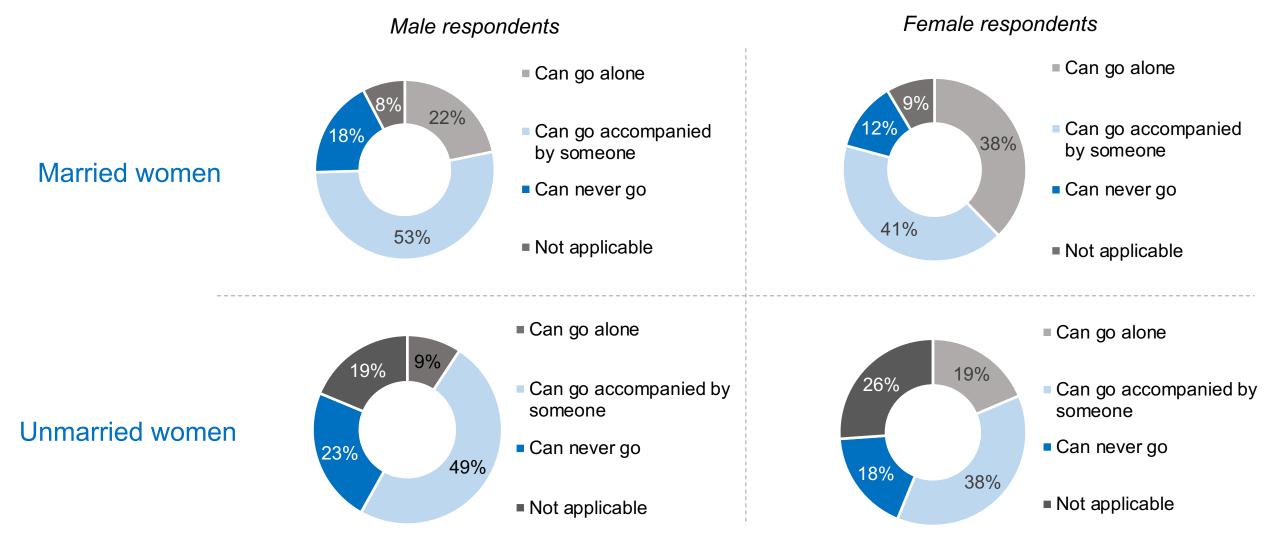
Females

3	On way to / from key facilities	12%
2	Latrines	21%
0	Markets	24%

5%

of households reported the presence of a child (<18 years) in the household working to earn an income the 30 days prior to data collection

% of households reporting on gender norms and freedom of movement for women to go to the local market



Households rely on a diverse range of service providers, often associated with incurred costs. Spending on items and services is underpinned by greater access to livelihoods participation in income-generating and activities, as well as asset ownership. However, MSNA findings show that households are still engaging in coping mechanisms in order to meet basic needs.

A considerable proportion of households report going into debt or purchasing items on credit, often to meet basic needs related to health care and food consumption

% of households reporting spending >1000 BDT on the following items / services in the month prior to data collection

95%	Food
69%	Medical expenses
40%	Cooking fuel
39%	Clothing and shoes
31%	Transportation
28%	Educational materials
27%	Livelihood inputs (for agriculture, fishing, business)
19%	Debt repayment
19%	Shelter materials
10%	Festivals or community events*
9%	Kitchen items
8%	Communication costs
4%	Hygiene items

56% of households reporting borrowing money or purchasing items on credit in the 30 days preceding data collection.

Out of all households, most frequently cited reasons for borrowing money or purchasing items on credit**

To cover health expenses	45%
To buy food	41%
To pay school, education costs	7%

*the data collection period included the festival of Eid al-Adha

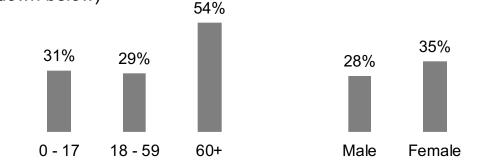
**respondents could select multiple options

98%

of individuals reported to have an illness serious enough to require medical treatment in the past 30 days prior to data collection **sought treatment**

Health seeking behaviour was reported to be high

Yet, most individuals sought treatment at a private clinic or pharmacy/drug shop **31%** of individuals were reported to have an illness serious enough to require medical treatment in the 30 days prior to data collection, affecting **81%** households overall (gender and age breakdown below)



Of individuals reported as having an illness serious enough to require medical treatment in the 30 days prior to data collection who sought treatment (n = 2236), % by treatment location*



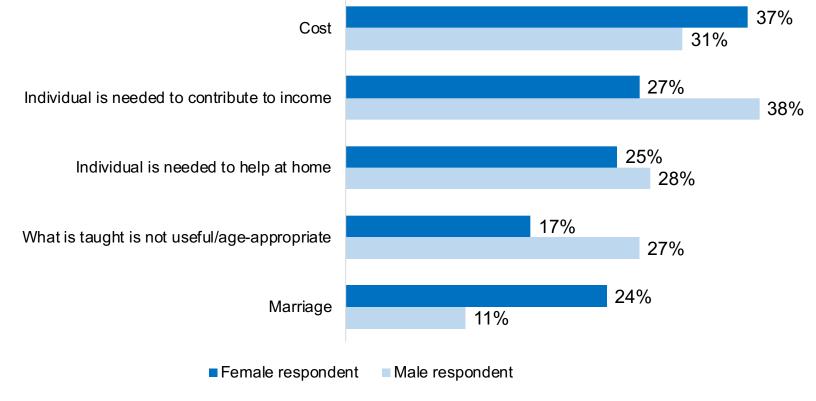
53%

of households reported going into debt to pay for health expenditures as a coping mechanism when at least one individual was reported to have an illness serious enough to require medical treatment in the 30 days prior to data collection (n = 1059).

*respondents could select multiple options.

The cost of education and education-related materials constitutes an important reason cited for education non-attendance for children and youth in the surveyed host communities

Of households with a school-aged child or youth (aged 4 - 24) not reported as regularly attending a formal education opportunity during the current academic year (n = 926), % reporting education barriers, by respondent gender*



*households could select multiple options

While most households report engaging in income-generating activities, the below indicators do not explore important dimensions of informality, decent work, sustainability or stability in employment – which may shed more light on the economic vulnerability of these populations

86% of households reported the presence of at least one adult (18+) working to earn an income in the past 30 days prior to data collection

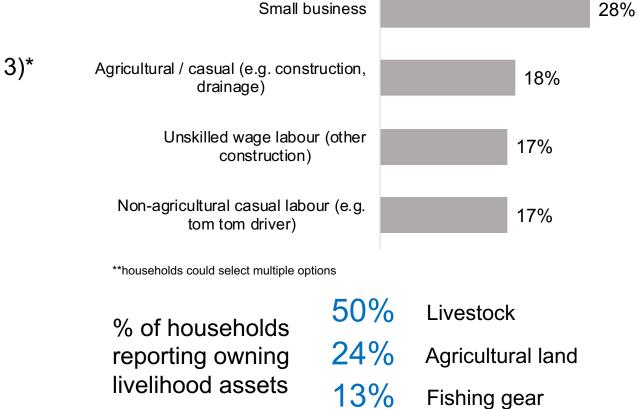
% of households reporting main sources of income (Top 3)*

 Employment / labour
 84%
 Unskille

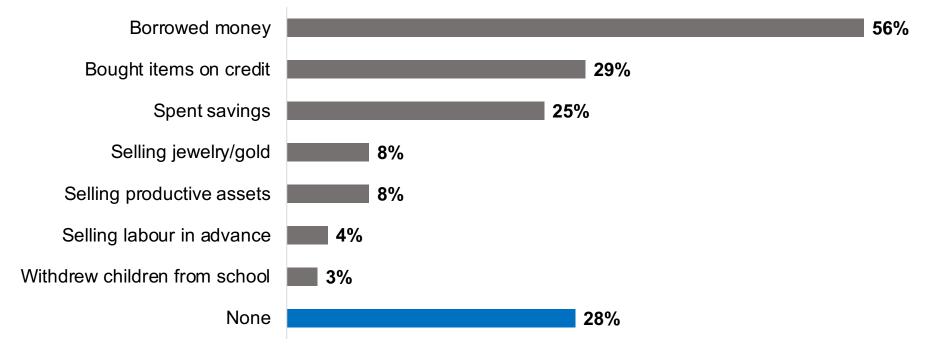
 Agricultural production and sales (including livestock)
 16%
 Non-agricultur tom

 Remittances from abroad
 9%
 % of hous reporting livelihood

% of households reporting main sources of employment (Top 4)**



% of households reporting engaging in coping mechanisms due to a lack of money to meet basic needs, during the 30 days prior to data collection*



^{*}respondents could select multiple options

3 in 4 households reported engaging in coping mechanisms due to a lack of money to meet basic needs, during the 30 days prior to data collection

Host community households reported a wide range of priority needs for which they require additional support, with 'access to food' ranking the highest

% of households reporting the priority needs for which they require additional support (top 7, unranked)*

% of households reporting the priority needs for which they require additional support (top 7, ranked)**

Access to food		42% 41%		Overall	Male respondents	Female respondents
			Access to food	1.00	0.97	1.02
Shelter materials / upgrades	37 38	% 8%	Shelter materials / upgrade	0.74	0.74	0.74
Access to safe and functional latrines	32%	41%	Access to clean drinking water	0.68	0.84	0.55
Access to clean drinking water	30%	41%	Access to safe and functional latrines	0.55	0.60	0.52
Cooking fuel	22% 30%		Access to health services and / or medicine	0.33	0.34	0.33
Access to income generating activities /	23%		Cooking fuel	0.32	0.36	0.28
employment Access to health services and / or medicines	20% 21% 24%		Access to income generating activities / employment	0.32	0.32	0.32
**The ranking findings reflects a Borda Count methodology of 17 priority which determines the relative ranking of items by assigning each respon						

Female respondent
Male respondent
*proportion of households reporting each priority need as a top 3 need, unranked

**The ranking findings reflects a Borda Count methodology of 17 priority needs, which determines the relative ranking of items by assigning each response a certain number of points corresponding to the position in which each respondent ranks it.

NEXT STEPS:

- Additional analysis on cross-sectoral needs

- Expect official outputs to be released throughout December

 Consultations with the affected communities to discuss and provide nuance to key findings

Resources and contact information

Refugee MSNA Questionnaire

https://www.impact-repository.org/document/reach/ff0d2187/BGD Questionnaire In-Depth-Joint-MSNAs Host-Community July2019-1.pdf

Host Community MSNA Questionnaire

https://www.impact-repository.org/document/reach/f5adafbb/BGD_Questionnaire_In-Depth-Joint-MSNAs_Host-Community_July2019-2.pdf

Refugee clean dataset

https://www.impact-repository.org/document/reach/bf627989/BGD Dataset Joint-MSNA Refugee September-2019.xlsx

Host Community clean dataset

https://www.impact-repository.org/document/reach/b5c2f7b5/BGD_Dataset_Joint-MSNA_Host-Community_September-2019.xlsx