



SUDAN MULTI-SECTOR NEEDS ASSESSMENT (MSNA)

Sectoral Key Findings: Refugee Consultation Forum

9 December 2020



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01

Overview of the MSNA



Background

Objectives of the MSNA

- The MSNA seeks to understand **multi-sectoral priority humanitarian needs** of populations and localities across the whole of Sudan.
- The findings intend to **provide timely updates** on key sectoral needs and priorities in order to **inform humanitarian response** and strategic programming for non-displaced, IDP and refugee households.
- The 2020 MSNA **aims to inform the 2021 Humanitarian Needs Overview (HNO) and the 2021 Humanitarian Response Plan (HRP)**.
- Contribute to a more **targeted and evidence-based** humanitarian response.

Coordination framework

Design



Coordination

National Assessment Task Team (NATT)



OCHA

Partners



AND ADRA, Altawaki, ARC, CDF, CIS, DPI, DRC, EDCO, GPA, IRW, JMCO, Maarif, NaHA, NCA, NIDAA, NRC, NuWEDA, Plan International, SMOH, SOS Sahel, SRCS, UNHCR, UNICEF, VNRHD, WDECO, WFP, WHH, World Relief, ZOA

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humanitarian action

Quick guide to the versions of the MSNA HH survey dataset

Rationale: Versions 1 and 2 released to aid in the writing of the HNO and HRP

	Version 1	Version 2	Version 3
Date circulated	12 September	6 October	1 December
Dates of data collection	HH surveys: 16 August-7 September	HH surveys: 16 August-27 September	HH surveys: 16 August-27 October
Geographic coverage	HH surveys: 12 states and 36 localities	HH surveys: 17 states and 120 localities, plus Abyei PCA	HH surveys: 18 states and 165 localities, plus Abyei PCA
Number of surveys	HH surveys: 2,508	HH surveys: 9,003	HH surveys: 13,769
Criteria for including a stratum	HH surveys: ≥80% of the original sample quota, ≥30 surveys, and surveys validated	HH surveys: ≥80% of the original sample quota, ≥30 surveys, and surveys validated	HH surveys: ≥90% of the original sample quota and surveys validated



02

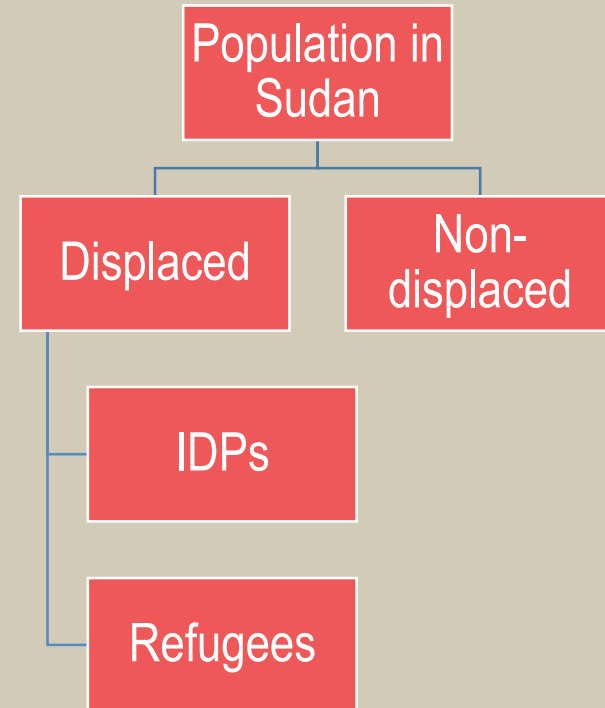
Scope and Coverage

Geographic and demographic scope

Geographic Scope

- Nation-wide
- All 18 states, 184 localities
 - In South Kordofan, 3 localities excluded
 - In Blue Nile, only government-controlled portions of localities included
 - In White Nile, Kosti excluded due to lack of partner
- Plus Abyei PCA

Targeted Populations



Thematic scope



Food Security & Livelihoods



Health



Nutrition



WASH



Emergency Shelter & NFIs



Protection (including CP, GBV, HLP, and MA)



Education



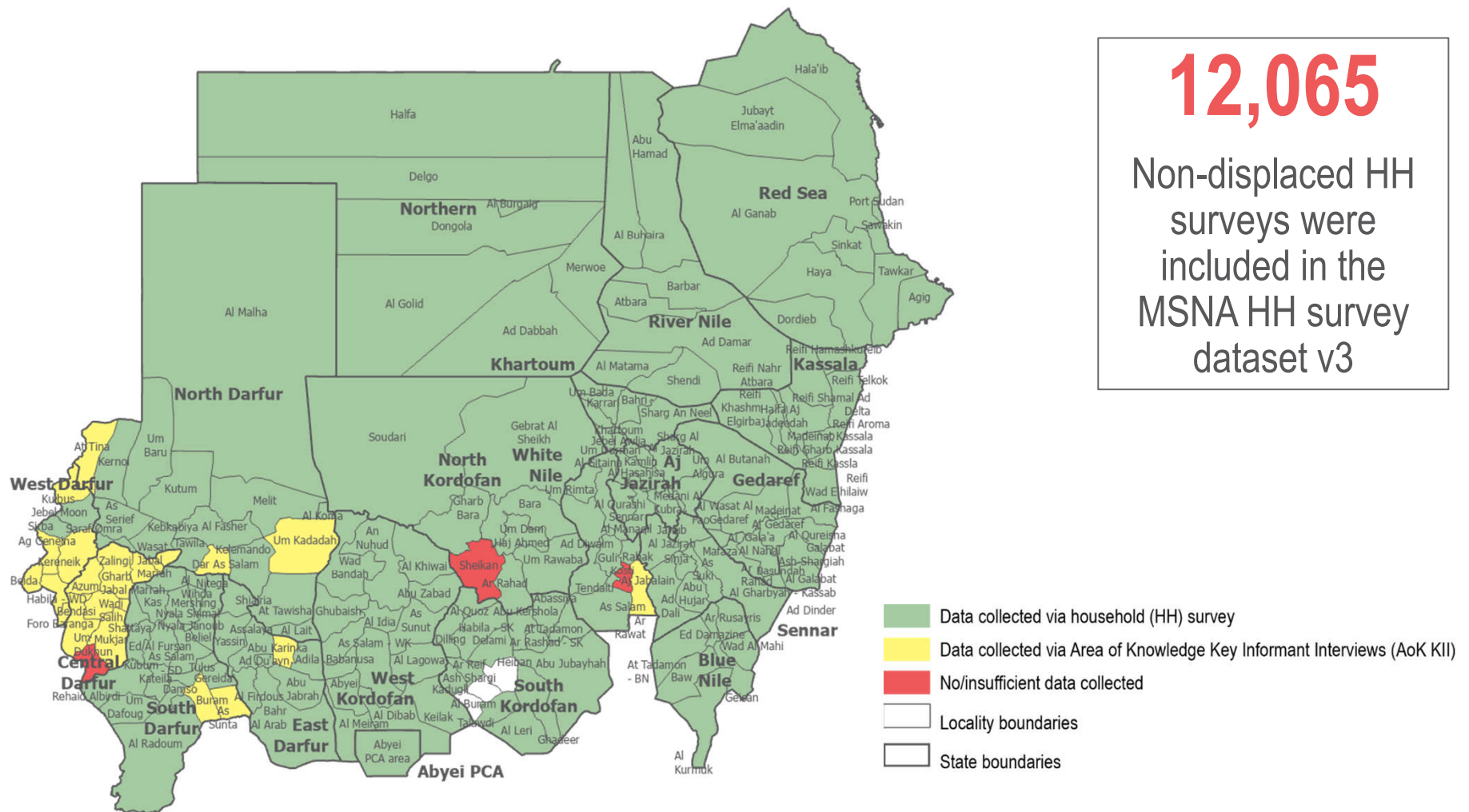
Accountability to Affected
Populations

Data collection by the numbers

- Data was collected using both **household (HH) surveys** and **Area of Knowledge Key Informant Interviews (AoK KIs)**.
- Initial target collection targets were ambitious. In the end, almost all non-displaced and IDP strata were completed. However, only about a third of refugee strata were completed.

Population group	# of strata	Completed with HH surveys	Completed with AoK KIs	Total completed
Non-displaced	186	162 (87%)	22 (12%)	184 (99%)
IDPs	52	22 (42%)	28 (54%)	50 (96%)
Refugees	84	22 (26%)	5 (6%)	27 (32%)
Total	322	206 (64%)	55 (17%)	261 (81%)

Details of non-displaced population coverage



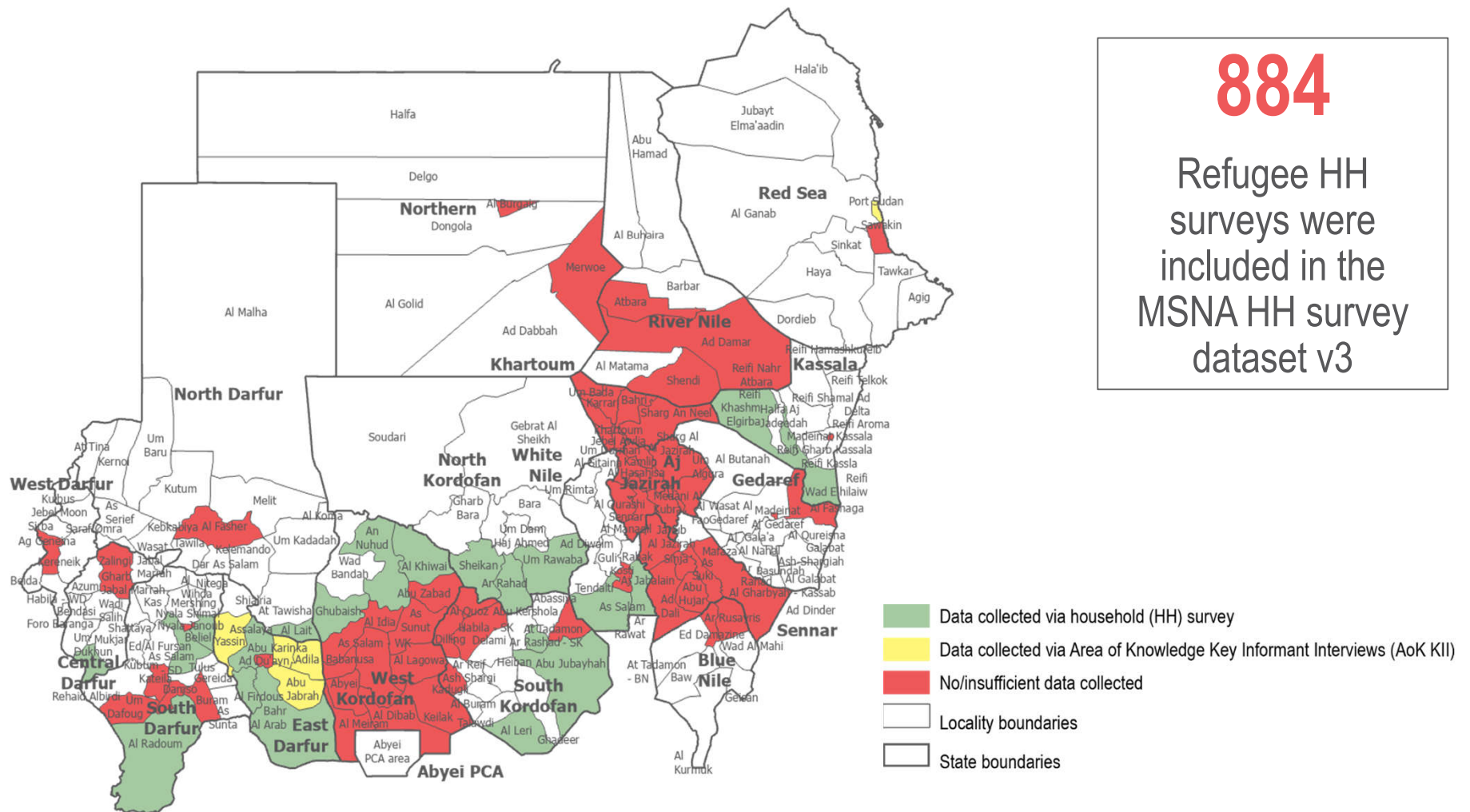


Details of IDP population coverage

IDP HH surveys
were included in the
MSNA HH survey
dataset v3



Details of refugee population coverage



Breakdown of refugee HH surveys by state and locality

North Darfur	31
Al Lait	31
South Darfur	118
Al Radoum	34
As Salam	34
Beliel	50
East Darfur	101
Al Firdous	31
Assalaya	36
Bahr Al Arab	34
Central Darfur	44
Um Dukhun	44

South Kordofan	121
Abu Jubayhah	44
Al Leri	43
Ar Rashad	34
North Kordofan	99
Ar Rahad	30
Sheikan	36
Um Rawaba	33
West Kordofan	98
Al Khiwai	33
An Nuhud	32
Ghubaish	33

White Nile	142
Aj Jabalain	55
As Salam / Ar Rawat	87

Kassala	130
Halfa Aj Jadeedah	32
Reifi Khashm Elgirba	34
Reifi Wad Elhilaiw	64

Grand total	884
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03

Methodology



Sampling methods

Household surveys (HH surveys)

- Non-representative, snowball quota sampling
- Stratum = Population group in a specific locality
- Data collection targets determined proportionally, based on population size, with ≥ 33 HH surveys (30 + 10% buffer) per stratum
- Data collected via phone and face-to-face
- Data collection ran from 16 August-27 October
- Final total: 13,769 HH surveys
- Strata-specific sampling weights applied to data when calculating results

Area of Knowledge Key Informant Interviews (AoK KIIs)

- AoK KIIs were conducted for strata which could not be covered by HH surveys (e.g. due to partner capacity)
- Purposive sampling
- AoK KIs selected on the basis of their recent knowledge of humanitarian conditions for the targeted stratum
- Minimum of 3 AoK KIIs per stratum
- Data collected via phone and face-to-face
- Data collection ran from 27 October-26 November
- Final total: 196 AoK KIIs

A background image showing a person from behind, wearing a dark vest with the word 'REACH' and 'AN INITIATIVE OF IMPACT EVALUATION ACTION FOR HUMANITARIAN ACTION' printed on it. The person is standing in a dusty, outdoor environment with other people and a white car visible in the background.

Limitations (1 of 2)

Sampling approach

- **Results indicative, not representative:** Findings should be considered as indicative only, due to the applied non-probability sampling.
- **Limited comparability of HH survey and AoK KII data:** HH survey and AoK KII results cannot be directly compared since they were conducted using different sampling approaches. Comparison between the results of the two datasets should be qualitative (i.e., through narrative) only.

Geographic coverage

- **<100% geographic coverage:** <100% of the strata in the original sampling frame for all 3 population groups are covered in the final dataset. Refugee coverage was especially low, with only 32% of the original strata covered. This limits the extent to which findings can be considered indicative for the population groups as a whole, or for the country as a whole.
- **NSAG-controlled areas excluded:** NSAG-controlled portions of South Kordofan and Blue Nile were excluded.



Limitations (2 of 2)

Data collection period

- **Long data collection period:** Data collection started in August and ended in November. Since certain indicators (e.g., problems with drinking water) may fluctuate seasonally, their data was likely affected by the relatively long data collection period.

Data collection methods

- **Potential respondents limited by phone-based data collection:** Some of the HH survey and AoK KII data was collected via phone, as a way of reducing COVID-related risks. However, using phone-based data collection may have excluded some vulnerable HHs or individuals (e.g., women) that do not have access to a phone (theirs or borrowed) and/or who live in an area without mobile network coverage.

Final dataset

- **Female respondents under-represented:** Only 27% of all HH survey respondents (45% of refugee HH survey respondents) and 4% of all AoK KII respondents were female.
- **Inaugural MSNA:** As this was the first-ever Sudan MSNA, it was not possible to compare the data to previous years'.



04

Key Findings: Demographics



Demographics of surveyed refugee households

7

Median refugee* HH size

4

Median children per
refugee* HH

38 years

Median age of refugee*
Head of HH

87%

Of refugee* respondents
were Head of HH

31%

Of refugee* HHs had ≥ 1 member who has
difficulty seeing, hearing, speaking, walking,
climbing steps, taking care of themselves
(e.g., washing), remembering or
concentrating

37%

Of refugee* HHs were
female-headed

*Limited sample

Surveyed refugee HH countries of origin

% of surveyed refugee* HHs by country of origin	South Sudan	Eritrea	Central African Republic	Other	Ethiopia	% of surveyed refugee HHs that have a UNHCR refugee ID card*
Refugees* overall	75%	23%	1%	1%	<1%	84%
North Darfur	100%					90%
South Darfur	95%		5%			84%
East Darfur	100%					72%
Central Darfur			100%			5%
South Kordofan	100%					89%
North Kordofan	100%					74%
West Kordofan	100%					9%
White Nile	100%					92%
Kassala	<1%	94%		4%	2%	95%

*Limited sample

Settlement type by population group

Population group	City	Village	Camp	Informal settlement	Other
Refugee*	8%	2%	82%	8%	0%
IDP*	19%	19%	57%	3%	2%
Non-displaced	60%	39%	0%	0%	1%

*Limited sample

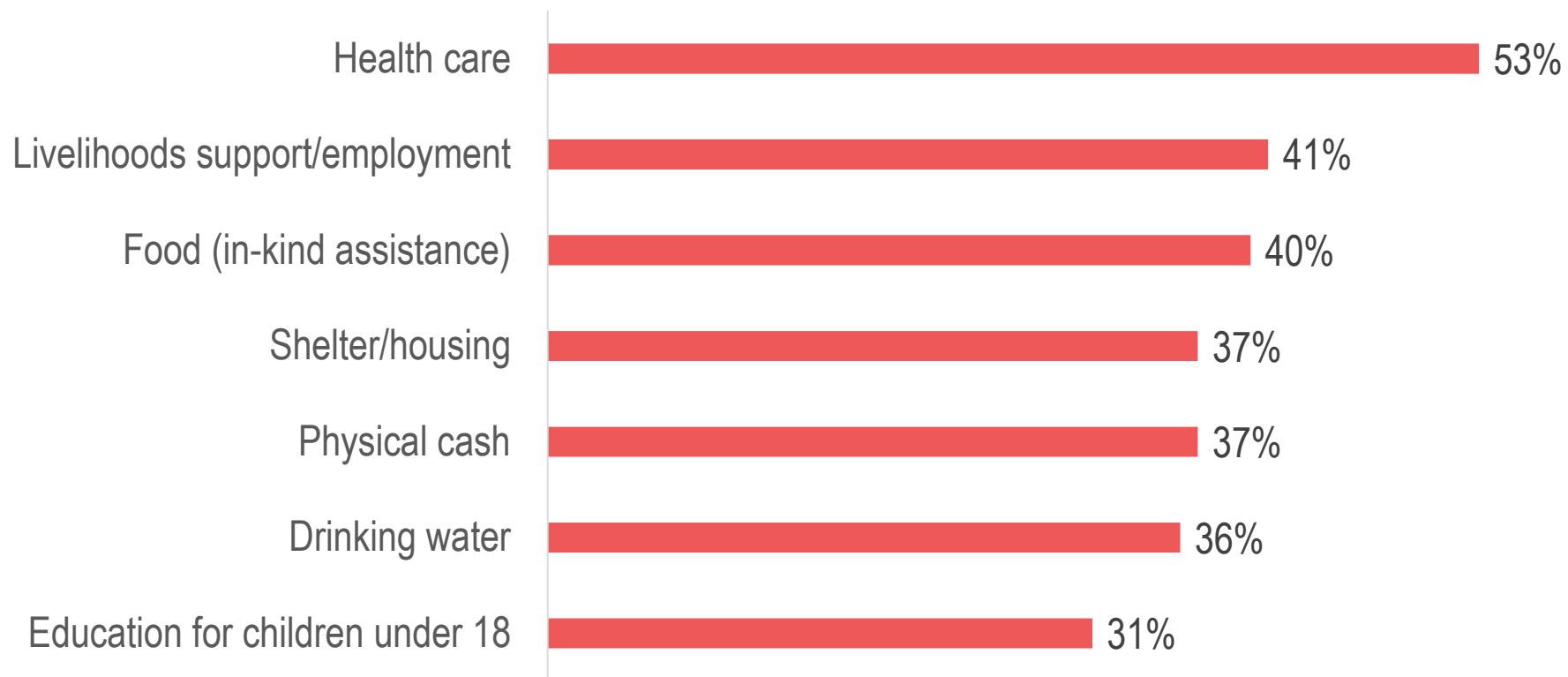


05

Key Findings: Self-reported Needs

Self-reported refugee* needs

% of refugee* HHs by top 7 self-reported priority needs
(HHs selected their top 3)



*Limited sample



06

Key Findings: Food Security & Livelihoods



Household shocks in the 6 months prior to data collection

68%

Of surveyed refugee* HHs experienced a shock in the 6 months prior to data collection

IDP* (91%) Non-displaced (76%)

Among HHs that experienced a shock in the 6 months prior to data collection,

37%

Of surveyed refugee* HHs sold assets to cope with this shock

IDP* (61%) Non-displaced (52%)

*Limited sample

Breakdown by type of shock(s) and population group

Among HHs that experienced ≥ 1 shock in the 6 months prior to data collection, top 8 types of shocks (HHs could select multiple)	Refugee*	IDP*	Non-displaced
Unusually high food prices	61%	82%	69%
Reduced income of any household member	53%	65%	53%
Loss of or reduced employment for any household member	43%	32%	21%
COVID-19 (i.e., any shock related to COVID)	36%	45%	55%
Unusually high prices of fuel/transport and other non-food prices	12%	25%	23%
Serious illness (other than COVID-19) or accident resulting in injury for any household member	11%	4%	4%
Too much rain, flooding	8%	6%	11%
Insecurity/violence/raiding/looting	2%	11%	3%

*Limited sample



Challenges obtaining enough money to meet household needs in the 30 days prior to data collection

84%

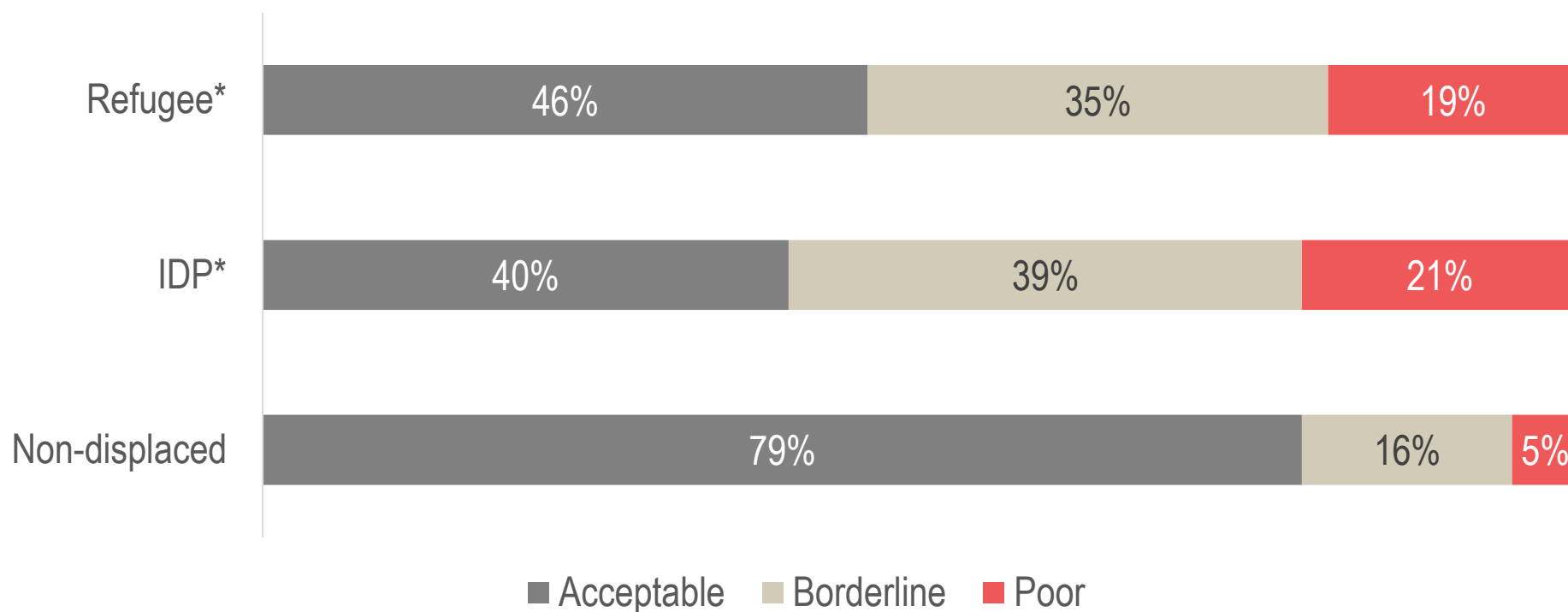
Of surveyed refugee* HHs faced challenges in obtaining enough money to meet their needs in the 30 days prior to data collection

IDP* **(98%)** Non-displaced **(80%)**

*Limited sample

Food Consumption Score, broken down by population group

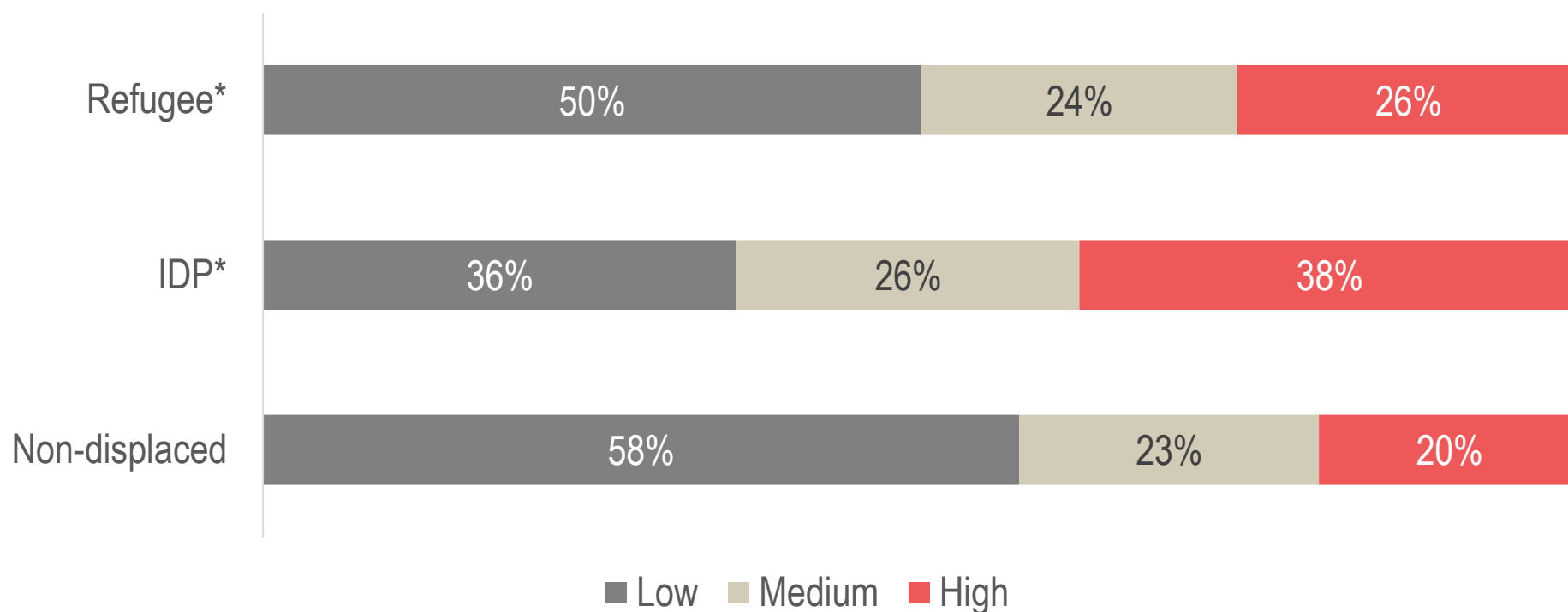
% of HHs in each Food Consumption Score category,
by population group



*Limited sample

Reduced Coping Strategy Index, broken down by population group

% of HHs in each Reduced Coping Strategy Index category,
by population group



*Limited sample



Enrolment in therapeutic feeding programmes at the time of data collection

22%

Of surveyed refugee* HHs had ≥ 1 child aged 6-59 months enrolled
in a therapeutic feeding programme at the time of data collection

IDP* (26%) Non-displaced (16%)

Among HHs with ≥ 1 child aged 6-59 months enrolled in a
therapeutic feeding programme,

74%

of surveyed refugee* HHs received micronutrient powder

IDP* (74%) Non-displaced (77%)

*Limited sample



07

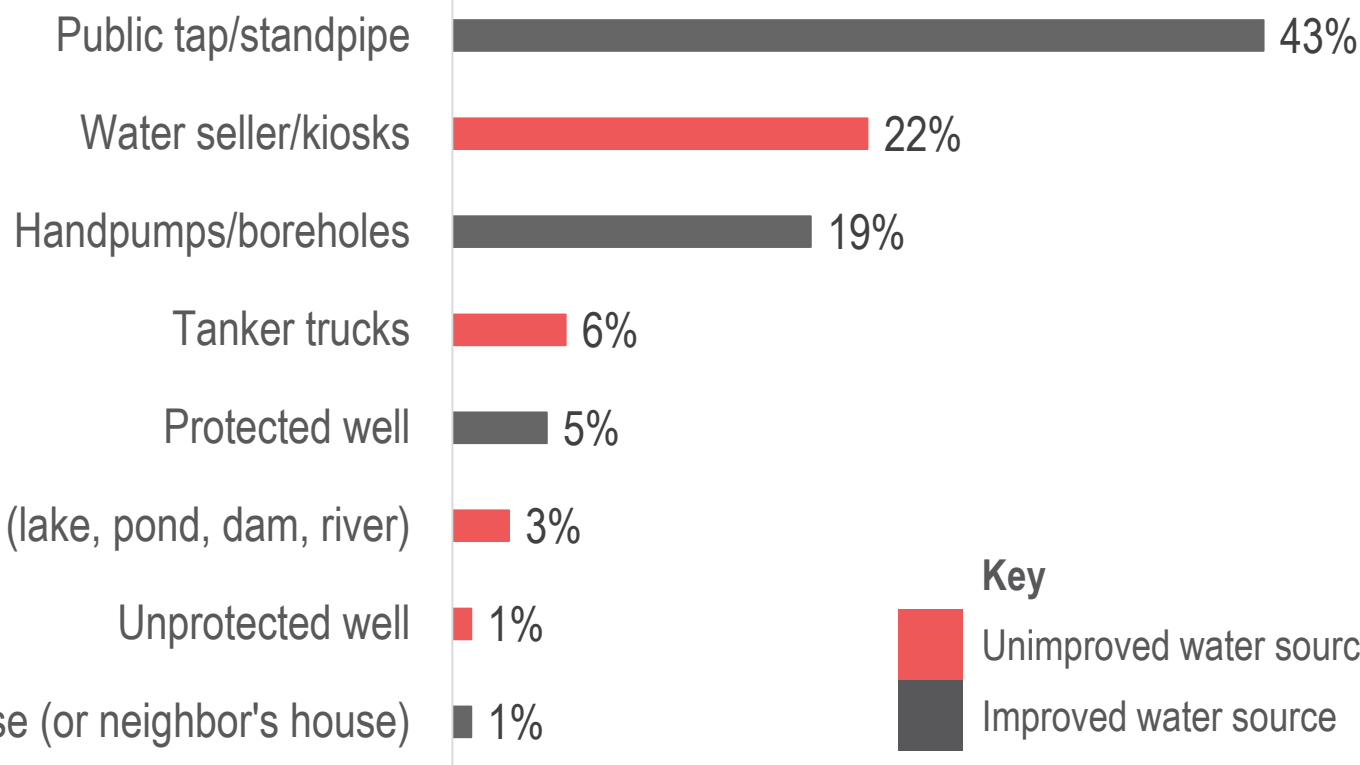
Key Findings: WASH

Primary source of drinking water

% of surveyed refugee* HHs by primary source of drinking water (HHs selected one)

32%

Of surveyed refugee* HHs rely on unimproved sources for their primary source of drinking water



*Limited sample



Problems with primary source of drinking water

61%

Of surveyed refugee* HHs have problems related to access to or quality of water

IDP* (80%) Non-displaced (60%)

85%

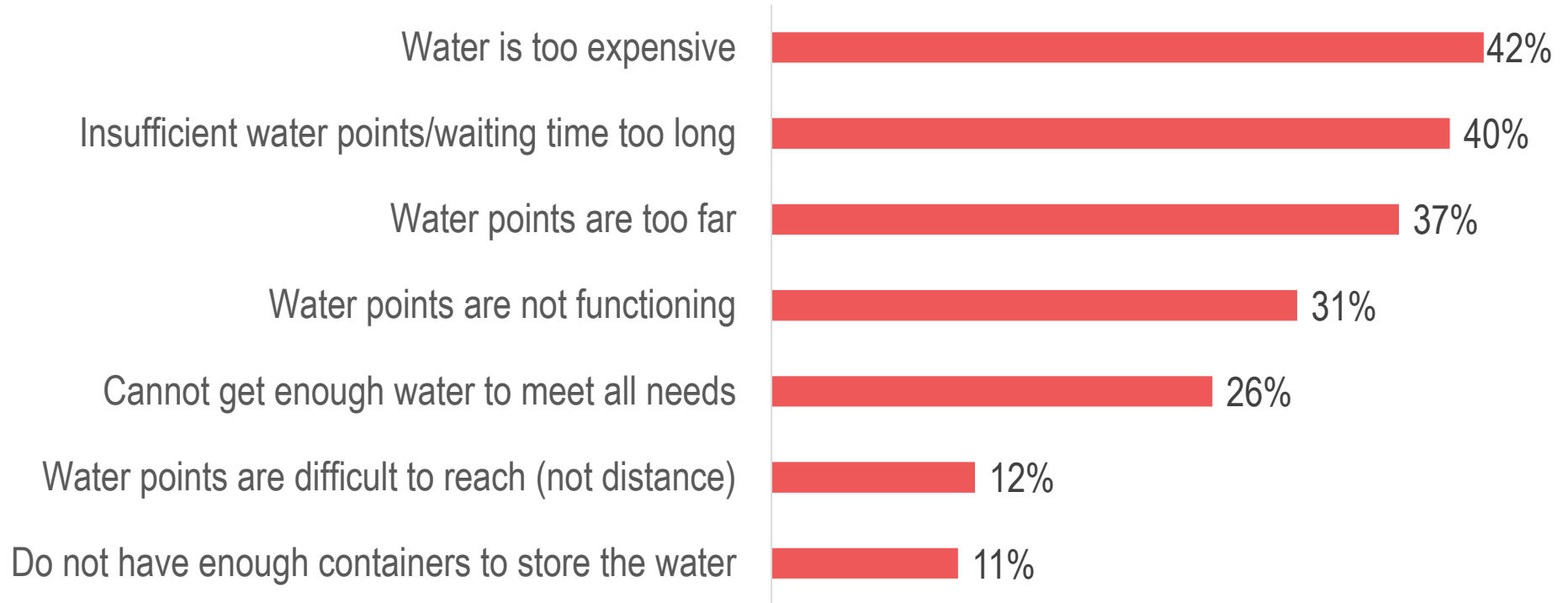
Of surveyed refugee* HHs said their primary source of drinking water was functioning at the time of data collection

IDP* (93%) Non-displaced (88%)

*Limited sample

Top problems related to access to or quality of water

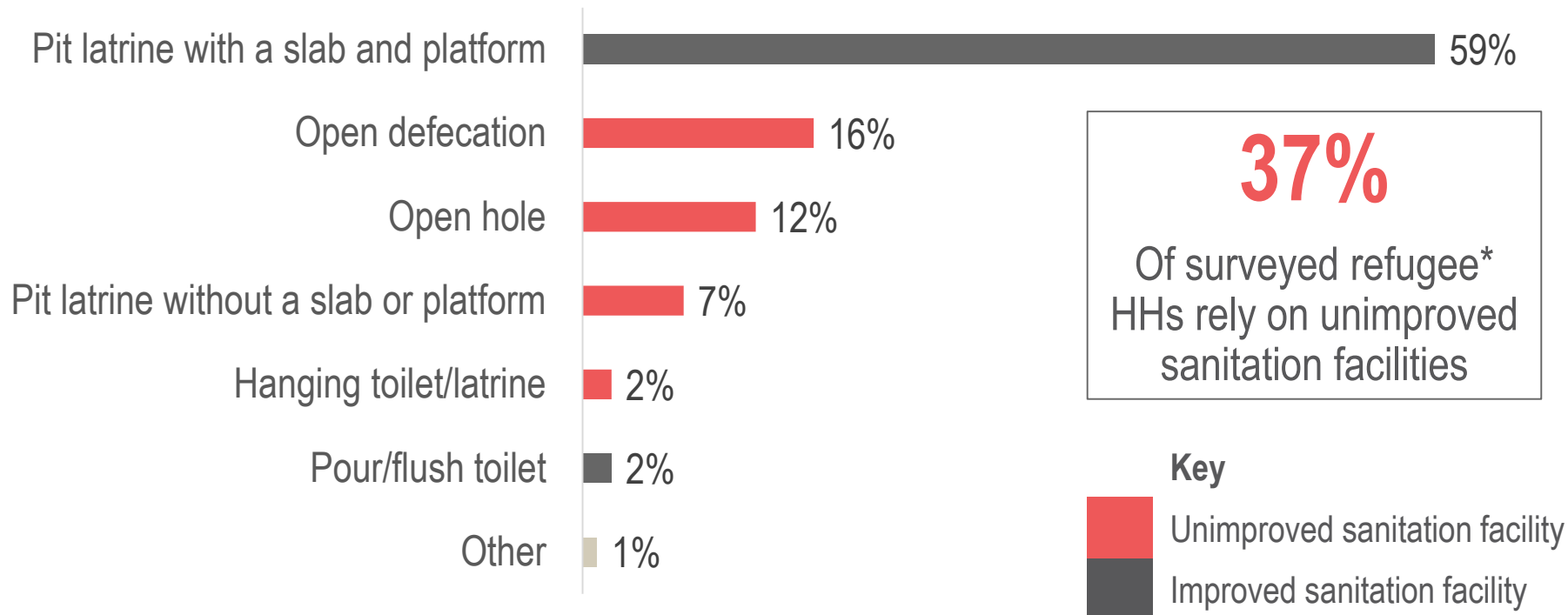
Among surveyed refugee* HHs with problems related to access to or quality of water, top 7 problems
(HHs could select multiple)



*Limited sample

Sanitation

Top 7 types of sanitation facility, by % of surveyed refugee*
HHs for whom this is the main type used
(HHs could select one)



*Limited sample



Hygiene

69%

Of surveyed refugee* HHs have access to soap

IDP* (84%) Non-displaced (91%)

7%

Of surveyed refugee* HHs reported hygiene NFIs (e.g., soap, sanitary pads) or sanitation services (e.g., latrines) to be among their top 3 priority needs

IDP* (1%) Non-displaced (2%)

*Limited sample

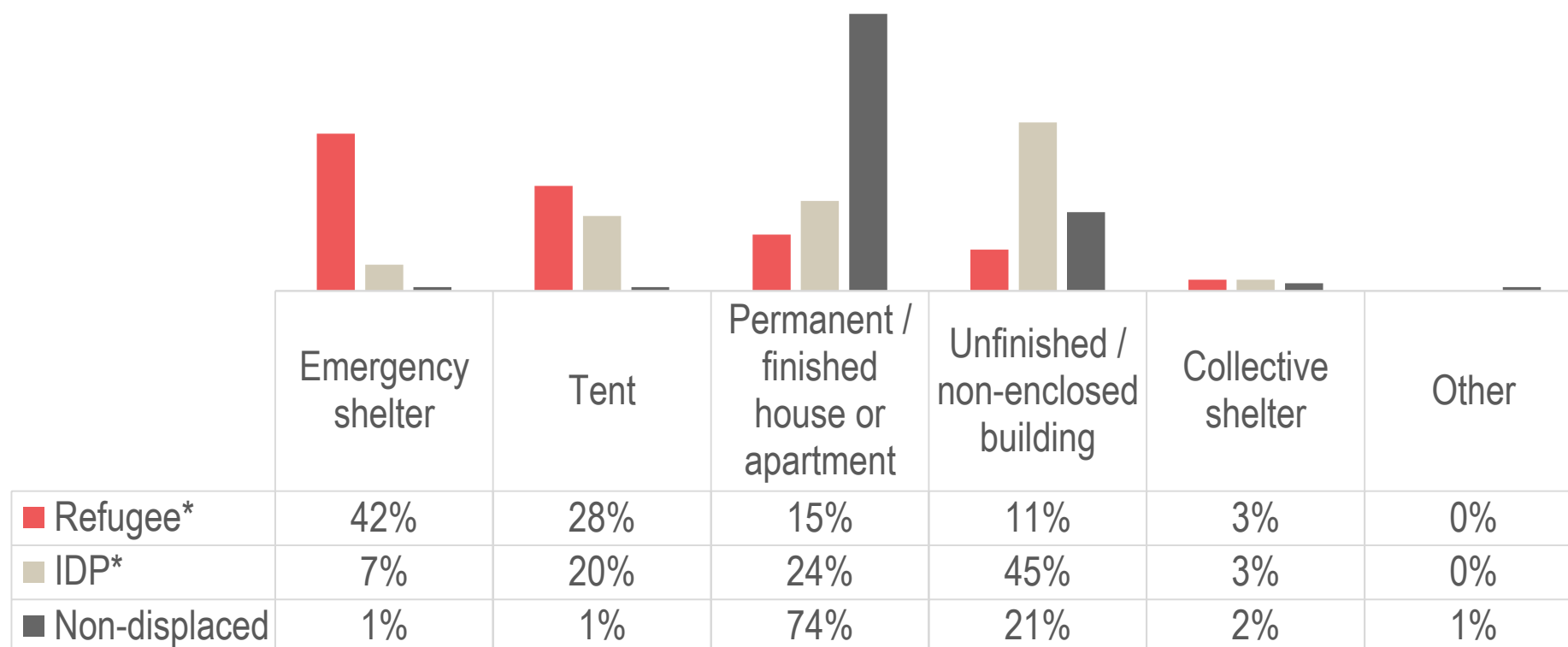


08

Key Findings: Emergency Shelter & NFIs

Shelter type at the time of data collection

% of HHs by type of shelter
(HHs could select one)



*Limited sample



Shelter condition at the time of data collection

Among HHs with shelter (i.e., excluding the <1% of HHs with no shelter of any kind),

78%

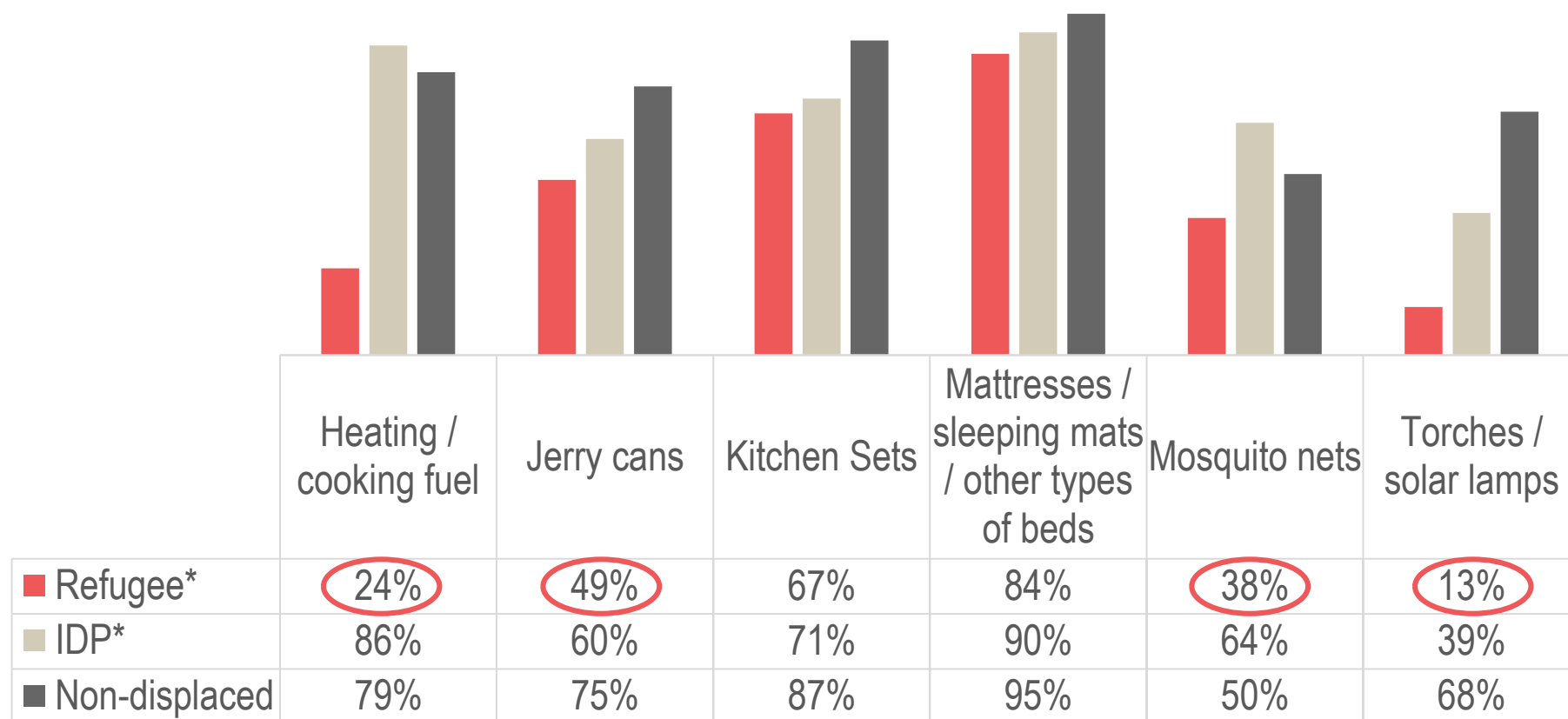
of surveyed refugee* HHs were living in shelters that did **not** meet agreed technical and performance standards (i.e., had damage or structural problems) at the time of data collection

IDP* **(90%)** Non-displaced **(61%)**

*Limited sample

Access to basic NFIs at the time of data collection

% of HHs with access to vital NFIs at the time of data collection



*Limited sample



09

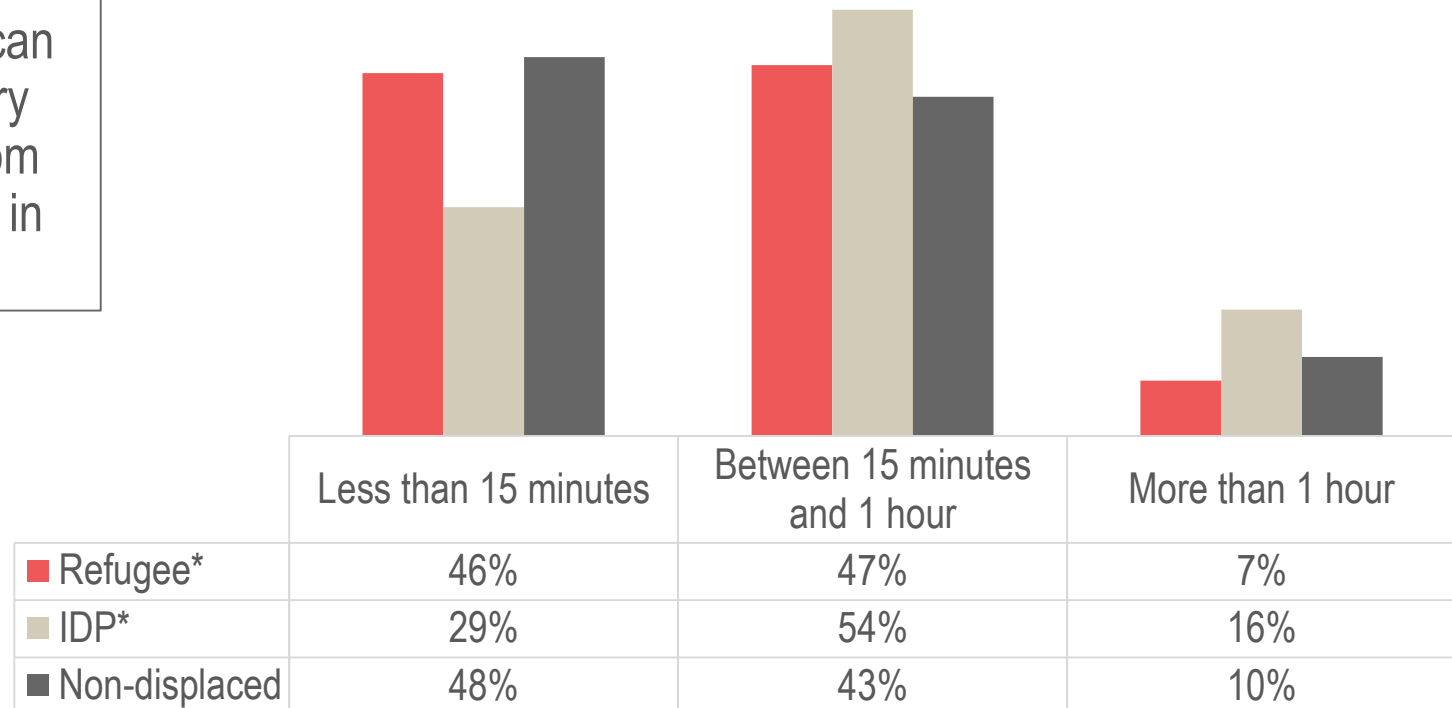
Key Findings: Health

Duration to nearest health care facility


93%

Of surveyed refugee* HHs can access primary health care from their dwellings in ≤ 1 hour

% of HHs by duration to access primary health care from their dwellings



*Limited sample



Attempts to access health care in the 3 months prior to data collection

80%

Of surveyed refugee* HHs attempted to access health care (including medicines) in the 3 months prior to data collection

IDP* **(84%)** Non-displaced **(80%)**

Among HHs that attempted to access health care in the 3 months prior to data collection,

81%

of surveyed refugee* HHs experienced barriers to accessing this health care.

IDP* **(96%)** Non-displaced **(82%)**

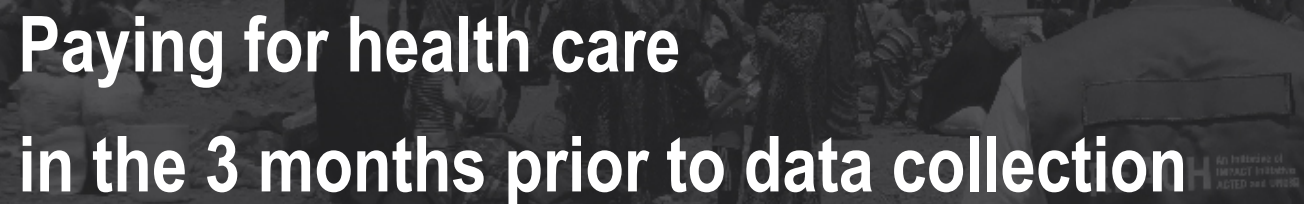
*Limited sample

Top barriers to accessing health care in the 3 months prior to data collection

Among HHs that attempted to access health care
in the 3 months prior to data collection,
and who experienced barriers to accessing this health care,
top 8 barriers by % of surveyed refugee* HHs
(HHs could select multiple)



*Limited sample



Paying for health care in the 3 months prior to data collection

Among HHs that attempted to access health care
in the 3 months prior to data collection,

74%

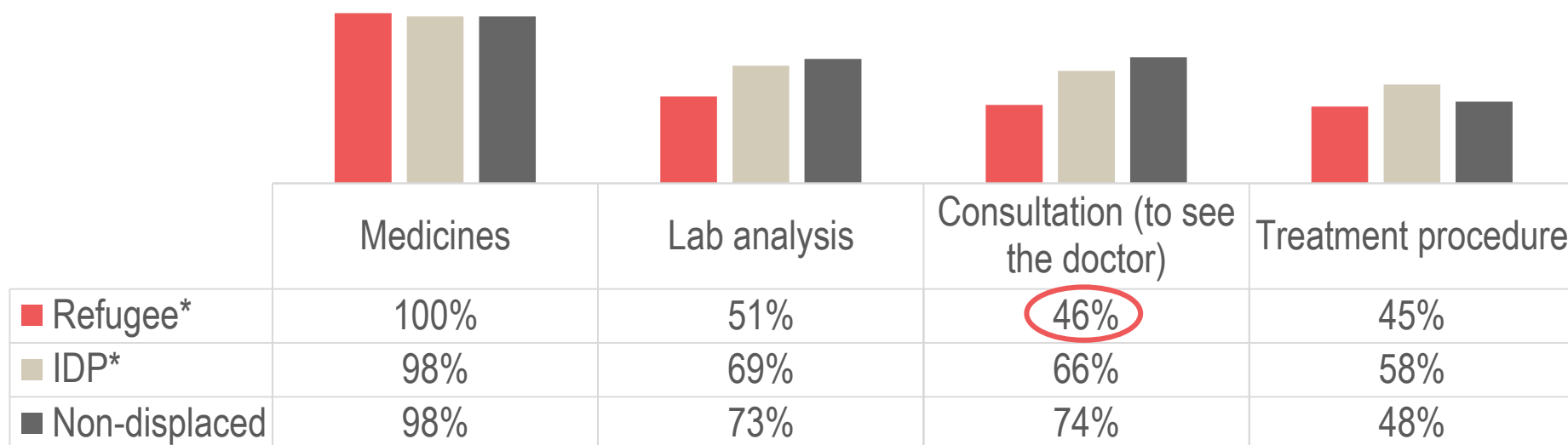
of surveyed refugee* HHs had to pay for it.

IDP* **(97%)** Non-displaced **(97%)**

*Limited sample

Health care services paid for in the 3 months prior to data collection

Among HHs that attempted to access health care
in the 3 months prior to data collection,
and who had to pay for it,
services paid for by % of HHs
(HHs could select multiple)

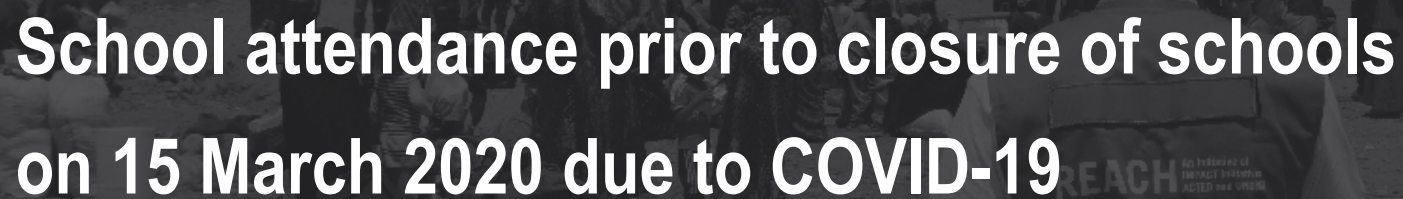


*Limited sample



10

Key Findings: Education



School attendance prior to closure of schools on 15 March 2020 due to COVID-19

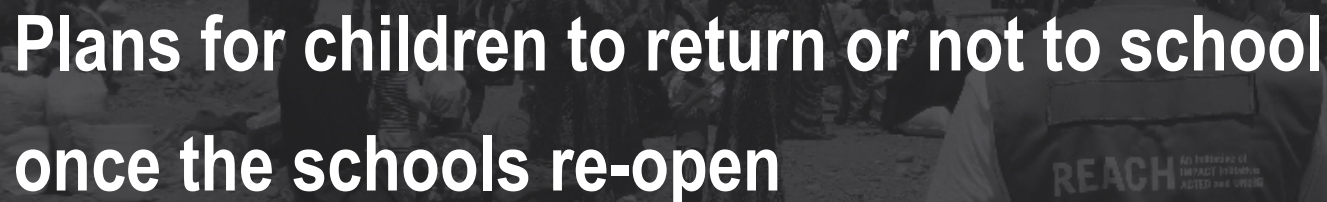
Among the 85% of refugee HHs with children aged 4-16 years,

49%

Of surveyed refugee* HHs have children who were attending school regularly (≥ 4 days/week)
during the 2019-2020 school year *before* the schools were
closed on 15 March 2020 due to COVID-19

IDP* **(62%)** Non-displaced **(77%)**

*Limited sample



Plans for children to return or not to school once the schools re-open

Among HHs with children aged 4-16 years
who were attending school regularly (≥ 4 days/week) during the 2019-2020 school year
prior to the school closures on 15 March 2020,

98%

Of surveyed refugee* HHs declared that their children either would return to school once the
schools re-opened, or if the schools had already re-opened,
that they had already returned to school

IDP* (96%) Non-displaced (98%)

*Limited sample



Remote learning activities during school closure

Among HHs with children aged 4-16 years
who were attending school regularly (≥ 4 days/week) during the 2019-2020 school year
prior to the school closures on 15 March 2020,

33%

of surveyed refugee* HHs had children that continued learning activities remotely

IDP* **(31%)** Non-displaced **(41%)**

*Limited sample

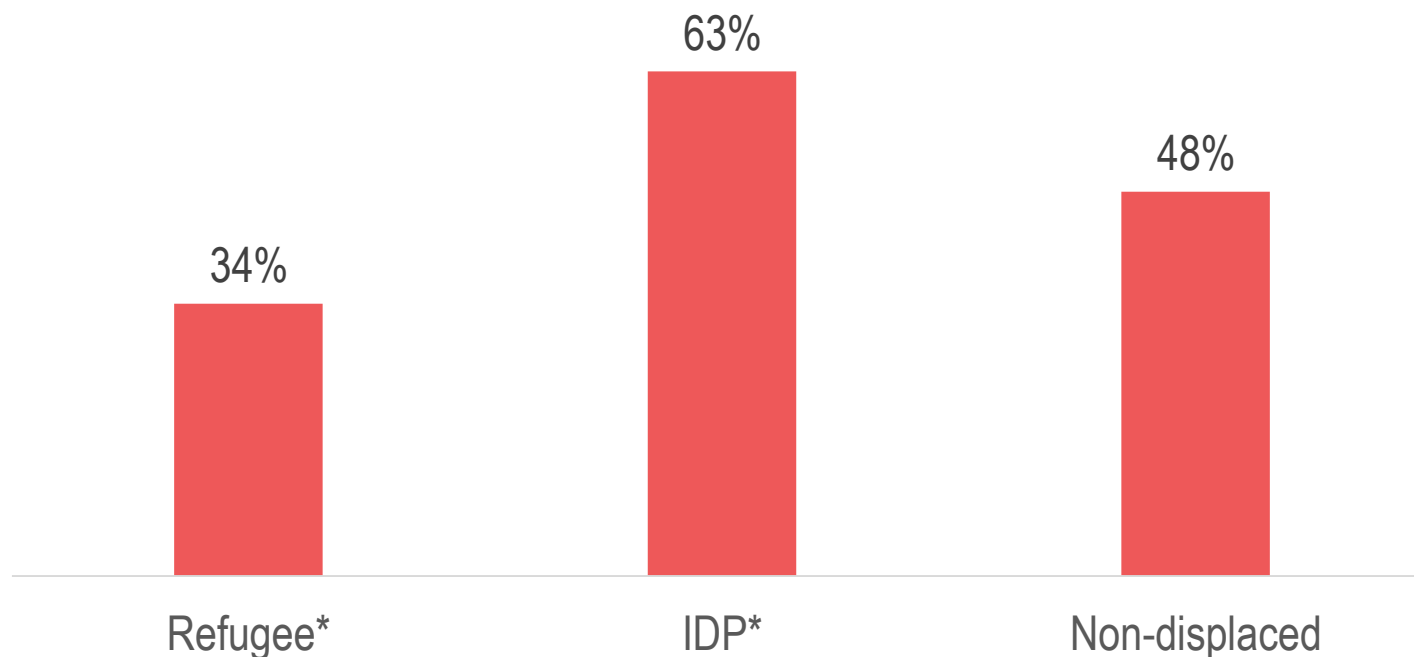


11

Key Findings: General Protection

Movement restrictions in the 6 months prior to data collection (1 of 2)

% of HHs that reported having experienced
movement restrictions in the 6 months
prior to data collection



*Limited sample

Movement restrictions

in the 6 months prior to data collection (2 of 2)

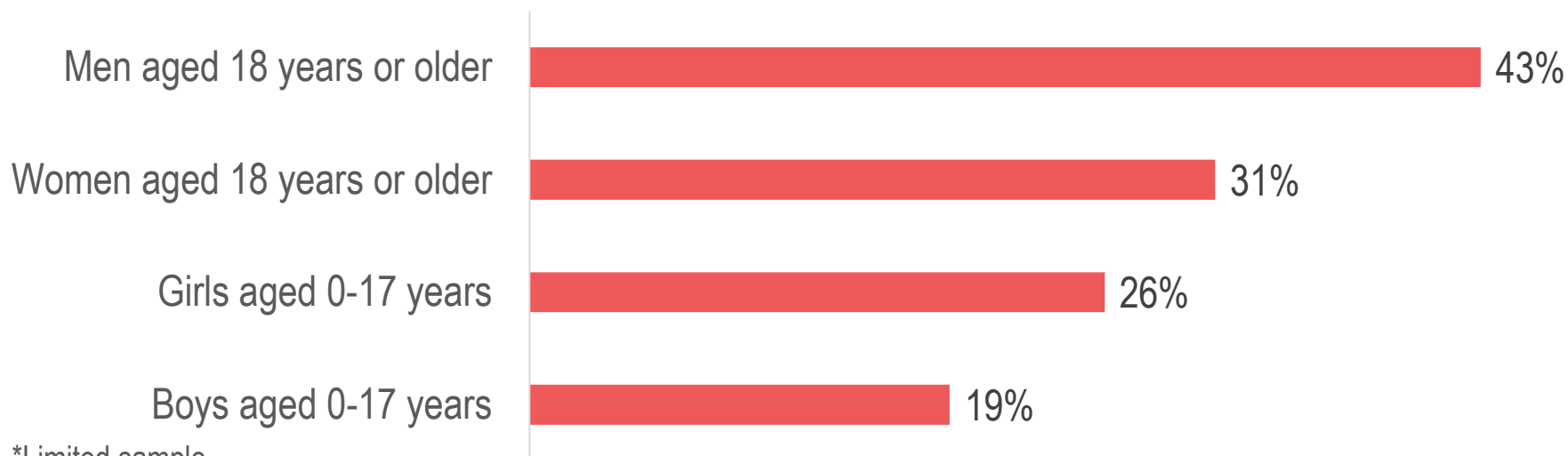
Among HHs that reported having experienced movement restrictions in the 6 months prior to data collection, % of HHs by type of restriction (HHs could select multiple)	Refugee*	IDP*	Non-displaced
COVID-related lockdown	40%	70%	75%
Unable to afford travel	30%	58%	33%
Did not have appropriate civil documents to move freely	24%	0%	0%
Fear for safety and/or security	17%	35%	13%
Discrimination because of my displacement status	16%	14%	0%
Discrimination because of other reasons	12%	1%	1%
Road closures	10%	45%	23%
Other government-imposed lockdown (not COVID-related)	9%	17%	5%
Other	3%	1%	3%
Lack of transportation	1%	1%	2%
Difficulties to move around due to floodings	0%	1%	3%

*Limited sample


Safety/security incidents in the 3 months prior to data collection

8% of surveyed refugee* HHs reported having experienced safety or security incidents affecting HH members in the 3 months prior to data collection

Among HHs that reported having experienced safety or security incidents affecting HH members in the 3 months prior to data collection, % of surveyed refugee* HHs by the gender(s) and age group(s) of the victim(s) (HHs could select multiple)



*Limited sample



Civil documentation at the time of data collection (1 of 2)

33%

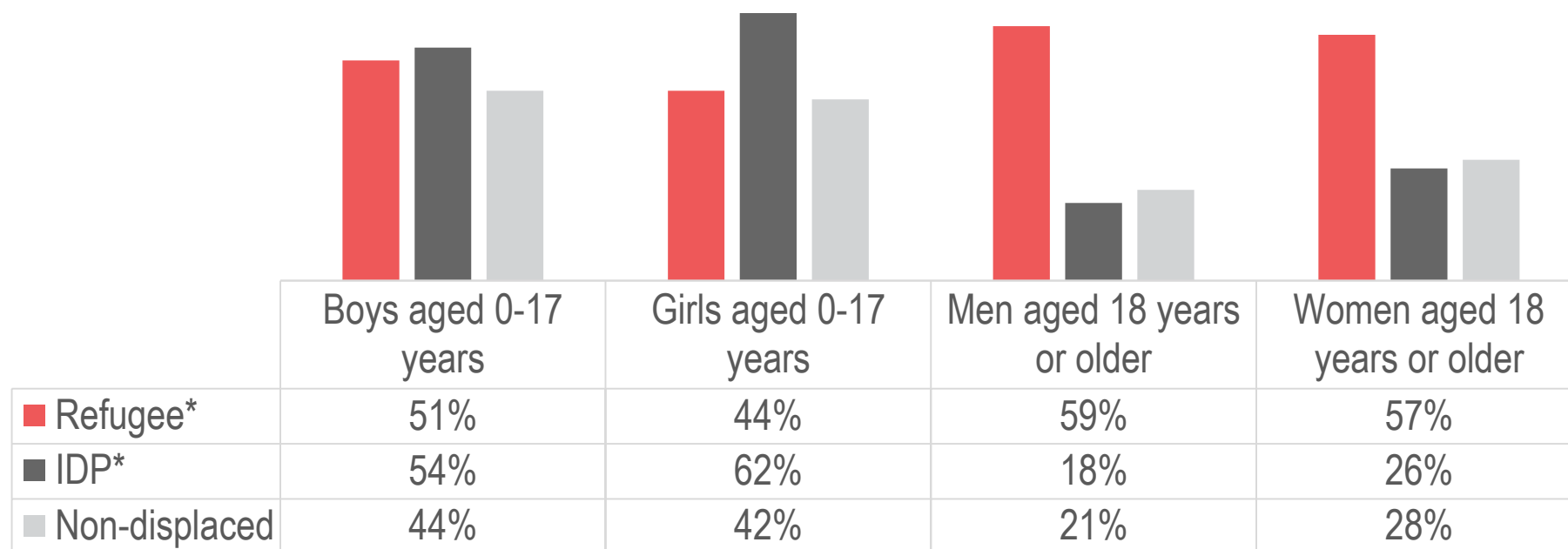
Of surveyed refugee* HHs reported having ≥ 1 members who were missing ≥ 1 types of civil documentation, such as a passport, national ID or birth certificate, at the time of data collection

IDP* **(36%)** Non-displaced **(22%)**

*Limited sample

Civil documentation at the time of data collection (2 of 2)

Among HHs that reported having ≥ 1 members who were missing ≥ 1 types of civil documentation at the time of data collection, % of HHs by the gender(s) and age group(s) of the member(s) missing the documentation (HHs could select multiple)



*Limited sample



12

Key Findings: Gender-based Violence



Women and girls' feelings of safety in their current area in the 6 months prior to data collection

18%

Of surveyed refugee* HHs reported having women and/or girls who had avoided areas in their current location because they felt unsafe, in the 6 months prior to data collection

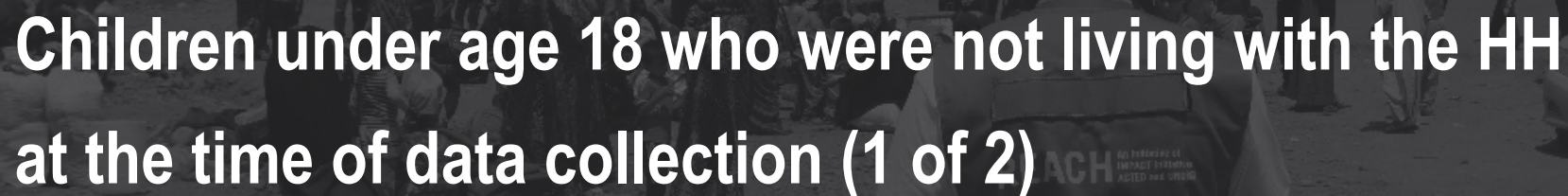
IDP* (27%) Non-displaced (15%)

*Limited sample



13

Key Findings: Child Protection



Children under age 18 who were not living with the HH at the time of data collection (1 of 2)

12%

Of surveyed refugee* HHs reported having ≥ 1 child under the age of 18 who
was **not living with the HH** at the time of data collection

IDP* (5%) Non-displaced (3%)

*Limited sample

Children under age 18 who were not living with the HH at the time of data collection (2 of 2)

Among HHs that reported having ≥ 1 child < 18 years who was not living with the HH at the time of data collection, % of HHs by reason (HHs entered the number of children for each reason)	Refugee*	IDP*	Non-displaced
Seeking employment	39%	58%	28%
Studying	37%	52%	36%
Living at relatives'	25%	0%	4%
Prefer not to respond	12%	3%	9%
Married	9%	2%	39%
Missing	3%	1%	0%
Joined an armed group	1%	1%	3%
Arbitrarily detained	0%	0%	0%
Kidnapped	0%	0%	0%

*Limited sample



14

Discussion Points



Key takeaways (1 of 3)

- **884** refugee HH surveys were included in the MSNA HH survey dataset v3
 - These HH surveys were collected in North Darfur, South Darfur, East Darfur, Central Darfur, South Kordofan, North Kordofan, West Kordofan, White Nile and Kassala.
- **75%** of surveyed refugee HHs were from South Sudan, **23%** were from Eritrea, and the remaining **2%** were from Ethiopia and other countries
- Surveyed refugee HHs' top 3 self-reported priority needs were health care (**53%**), livelihoods support/employment (**41%**) and food (in-kind assistance) (**40%**)
- **68%** of surveyed refugee HHs had experienced a shock in the 6 months prior to data collection
- **84%** of surveyed refugee HHs faced challenges in obtaining enough money to meet their needs in the 30 days prior to data collection
- **19%** of surveyed refugee HHs had a poor FCS, while **35%** had a borderline FCS
- **26%** of surveyed refugee HHs had a high rCSI score, while **24%** had a medium rCSI score



Key takeaways (2 of 3)

- **32%** of surveyed refugee HHs rely on unimproved sources for their primary source of drinking water
- **82%** of surveyed refugee HHs said that they lived in camps
- **42%** of surveyed refugee HHs live in emergency shelters, and **28%** live in tents
- **80%** of surveyed refugee HHs attempted to access health care (including medicines) in the 3 months prior to data collection
 - Among the surveyed refugee HHs that attempted to access health care in the 3 months prior to data collection, **81%** experienced barriers to accessing this health care
 - Among the surveyed refugee HHs that attempted to access health care in the 3 months prior to data collection, **74%** had to pay for this health care
- Among HHs with children aged 4-16 years, **49%** of surveyed refugee HHs have children who were attending school regularly (≥ 4 days/week) during the 2019-2020 school year before the schools were closed on 15 March 2020 due to COVID-19



Key takeaways (3 of 3)

- **34%** of refugee HHs had experienced movement restrictions in the 6 months prior to data collection
- **8%** of refugee HHs had experienced safety or security incidents affecting HH members in the 3 months prior to data collection
- **33%** of refugee HHs had ≥ 1 members who were missing ≥ 1 types of civil documentation, such as a passport, national ID or birth certificate, at the time of data collection
- **18%** of refugee HHs had women and/or girls who had avoided areas in their current location because they felt unsafe, in the 6 months prior to data collection
- **12%** of refugee HHs had ≥ 1 child under the age of 18 who was not living with the HH at the time of data collection



Questions to guide discussion

1. Did you find any of the results of this assessment (whether in this presentation or in the analysis tables) surprising or inconsistent with what you have seen in the field, for the localities which were covered by refugee data collection?
2. Is there any context that you could share based on your work in the field that could help explain some of these results?
3. Is there any additional analysis which would be useful to you, and which is not already in the analysis tables?
4. How do you think the partial achievement of refugee data collection may have affected the results? Are there any vulnerable groups of refugees who may have been excluded or under-represented?
5. Given that not all refugee strata were covered by data collection, do you have any thoughts about the best practical applications for this data?



15

Next Steps

Summary of next steps*



ANALYSIS TABLES

Analysis tables
(Excel) will be
circulated in
**early
December**



PRESENTATIONS

REACH will present
findings to the
sectors between **2-9
December** and to the
ISCG on **15
December**



DASHBOARD

An online,
interactive
dashboard will
go live at the
end of January



FINAL REPORT

The final report
with will be
published at the
end of February

*Dates are subject to change.



**THANK YOU
FOR YOUR
ATTENTION**

REACH Informing
more effective
humanitarian action