

Camp Profile: Twahina

June 2023

Ar-Raqqa governorate, Syria

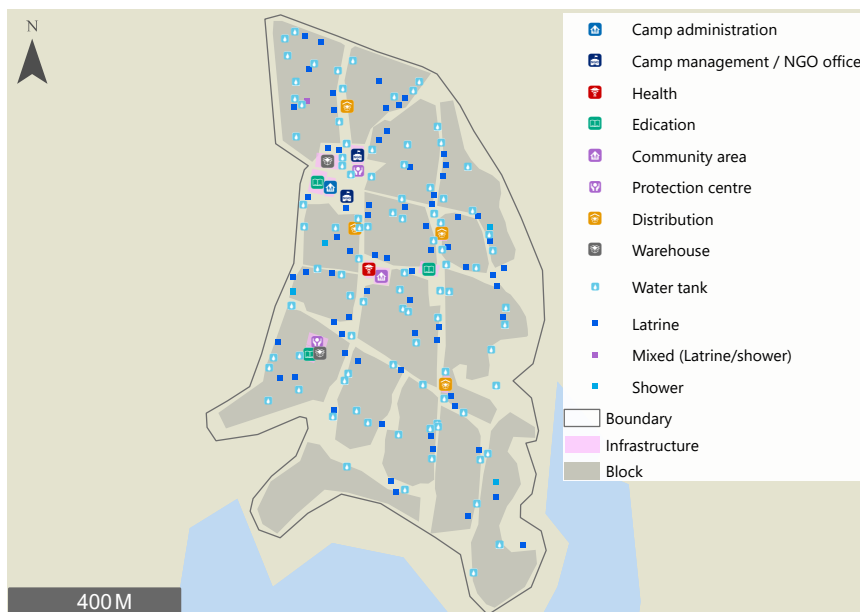
KEY MESSAGES

- Key Informants (KIs) and households (HHs) agreed that **plastic sheeting** was in the top-three essential needs for shelter. **Fans** were in the top-three essential requirements for non-food items (NFIs).
- **Debt amounting to 187 USD** was the average liability carried by households, where **98% of households had borrowed money** in the 30 days leading up to data collection.

100% of HHs reported that they are not planning to leave the camp.

91% of HHs reported that they experienced difficulties in obtaining hand/body soap.

Camp mapping conducted in June 2023. Detailed infrastructure map available on [REACH Resource Centre](#).



CONTEXT & RATIONALE

Twahina emerged as an informal settlement from 2014 to 2016, primarily sheltering residents from Hama and Homs escaping Syrian Government military actions. Initially, it was a gathering of shepherds near a serene lake, with post-Raqqa liberation IDPs returning home. In 2018, humanitarian support formalized Twahina into a structured informal camp, drawing residents from eastern Aleppo. In 2019 until September 2021, IDP arrivals followed a regional military operation. In 2022, Twahina saw an influx of newcomers from nearby informal settlements, due to deteriorating economic conditions in the area, expanding its population, and reinforcing its role as a regional community hub.

METHODOLOGY

This profile provides an overview of humanitarian conditions in Twahina camp. Primary data was collected between 25 - 26 June 2023 through a representative HH survey. The assessment included 96 HHs who were randomly sampled to achieve a 95% confidence level and 10% margin of error based on population figures provided by camp management. For some indicators, a reduced sample of households answered the question as a result of a skip logic in the questionnaire. In some of these cases, the reduced sample of households also resulted in non-representative findings, which are indicated throughout the factsheet with the icon ▼. In June 2023, each camp had one KI interview with the camp management. These interviews were used to support and triangulate the HH survey findings.

CAMP OVERVIEW AS REPORTED BY KIs

Number of individuals:	4,274
Number of HHs:	863
Number of shelters:	974
First arrivals:	6/1/2018
Camp area:	0.42 km ²

Camp Location



DEMOGRAPHICS

Figure 1: Average estimated population breakdown as reported by KIs:

Male	Age	Female
1%	60+	2%
16%	18-59	22%
18%	5-17	19%
0-4 (No gender split)		21%

Percentage of HHs by groups in vulnerable position (self-reported by HHs and not verified through medical records)

Female-headed HHs:	20%	Single parents/caregivers:	3%
Chronically ill persons:	9%	Persons with serious injury:	3%
Pregnant/lactating women:	7%	Head of HH with disability:	2%

SECTORAL MINIMUM STANDARDS

		Target	Result	Achievement
Shelter	Average number of individuals per shelter	max 4.6	5	●
	Average covered living space per person	min 3.5 m ²	5 m ²	●
	Average camp area per person	min 45 m ²	99 m ²	●
Health	% of 0-5 year olds who have received polio vaccinations	100%	71%	●
	Presence of health services within the camp	Yes	Yes	●
Protection	% of HHs reporting safety/security issues in past two weeks	0%	84%	●
Food	% of HHs receiving assistance in the 30 days prior to data collection	100%	4%	●
	% of HHs with acceptable food consumption score (FCS) ¹	100%	41%	●
Education	% of children aged 6-17 accessing education services	100%	59%	●
WASH	Persons per latrine (communal or HH)	max. 20	31	●
	Persons per shower	max. 20	1424*	●
	Frequency of solid waste disposal	min. twice weekly	Everyday	●

Targets based on Sphere and humanitarian minimum standards.²

● Minimum standard met ● 50-99% of minimum standard met ● 0-49% of minimum standard met

*Note: IDPs may not be using these communal facilities, as many opt for in-tent bucket showers over communal facilities when designated HH showers are unavailable. As a result, fewer communal showers are being built, which contributes to the higher ratio.

FOOD SECURITY

Top three HH reported negative consumption-based coping strategies:

1. Rely on less preferred and less expensive foods **99%**
2. Reduce number of meals eaten in a day **58%**
3. Limit portion size at mealtime **57%**

FOOD DISTRIBUTION

100% of HHs had received a food basket, bread distribution, cash, or vouchers in the 30 days prior to data collection.

% of HHs reached by reported type of food assistance received in the 30 days prior to data collection:

Bread distribution	100%
Food basket(s)	100%

Top three food items HHs would like to receive more of (HHs could select up to three options):

1. Sugar **61%**
2. Vegetable oil **48%**
3. Bread **48%**

FCS Interpretation

FCS measures HHs' current food consumption status based on the number of days per week a HH is able to eat items from nine standard food groups, weighted for their nutritional value.³

HHs were asked to report the number of days per week nutrient-rich food groups were consumed, from which nutrient consumption frequencies were derived.

Poor food consumption: (score between 0-28): This category includes HHs that are not consuming staples and vegetables every day and never or very seldom consume protein-rich food such as meat and dairy.

Borderline food consumption (score between >28-42): This category includes HHs that are consuming staples and vegetables every day, accompanied by oils and pulses a few times a week.

Acceptable food consumption (score >42): This category includes HHs that are consuming staples and vegetables every day, frequently accompanied by oils and pulses and occasionally meat, fish and dairy.

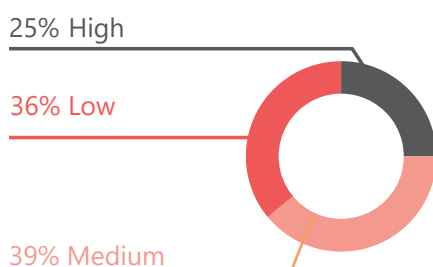
FOOD CONSUMPTION

Figure 2: Percentage of HHs by FCS category:



DIETARY DIVERSITY

Figure 3: Percentage of HHs by HH Dietary Diversity (HDD) score level:



HDD Interpretation⁴

The HH Dietary Diversity Score measures how many of 8 of the 9 FCS are consumed during the same 7-day reference period (condiments and spices are not included in this score).

Number of Food Groups consumed in a 7 day period:

Low (Food groups < 4.5)

Medium (Food groups >4.5-6)

High (Food groups >6)



LIVELIHOOD

HH income

Average monthly HH income in the 30 days prior to data collection*:

1,247,812 SYP
(140 USD)

HH expenditure

Average monthly HH expenditure in the 30 days prior to data collection*:

1,015,865 SYP
(114 USD)

* The effective exchange rate for northeast Syria was reported to be 8887.5 Syrian Pounds to the US dollar in June 2023⁵.

Figure 4: **Top three HH reported primary income sources** (HHs could select as many options that applied meaning the sum of percentages may exceed 100%):

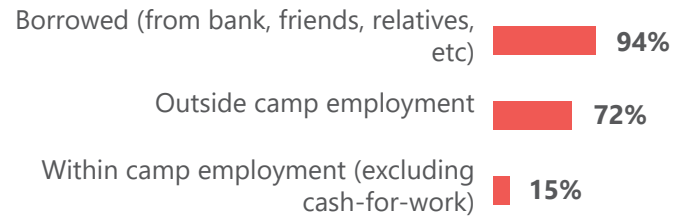
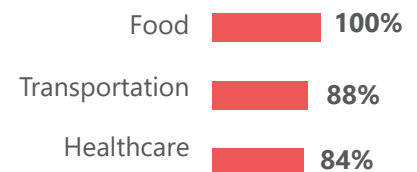


Figure 5: **Top three reported expenditure categories for HHs** (HHs could select as many options that applied meaning the sum of percentages may exceed 100%):



HH DEBT

98% of HHs reported that they **borrowed money** in the 30 days prior to data collection. On average, these HHs had a debt load amounting to **1,658,542 SYP** (187 USD).

Figure 6: **Top three reported reasons for taking on debt***:

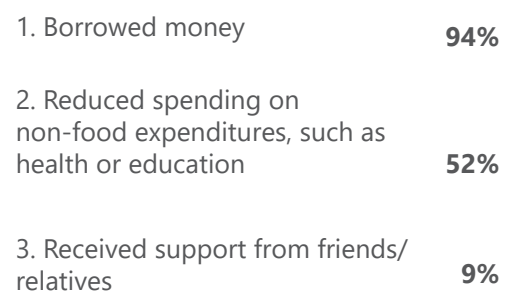


Figure 7: **Top reported creditors***:



COPING STRATEGIES

Top three HH reported livelihood related coping strategies in the 30 days prior to data collection (HHs could select up to three options):



SHELTER ADEQUACY



Average number of people estimated per HH: **6**



Average number of shelters estimated per HH: **1**

Average number of people estimated per shelter: **5**

Estimated occupation rate of the shelters in the camp: **100%**



Calculation is based on data gathered from KIs

Top three reported shelter needs as reported by KIs:

1. Additional tents
2. Plastic sheeting
3. Rope



Risks of flooding as reported by KIs:

- Percentage of tents prone to flooding **0%**
- Presence of water drainage channels in shelters: **Yes, in some shelters**

Most commonly reported kitchen types used as reported by HHs:

1. Camp built kitchen (private or communal) **2%**
2. HH improvised cooking facility (makeshift kitchen, cooking outside shelter, cooking inside inhabited shelter) **98%**

Top three most commonly reported shelter item needs as reported by HHs (HHs could select up to three options):

1. Tarpaulins **71%**
2. New tents **70%**
3. Plastic sheeting **68%**

HHs reported **hazards in their block** such as **uncovered pits (1%)**.

Most commonly reported sources of light inside shelters (HHs could select as many options that applied meaning the sum of percentages may exceed 100%):

- Light powered by solar panels **95%**
- Rechargeable flashlight or battery-powered lamp **29%**
- Cell phone light **19%**

NFI NEEDS

Top three KI reported anticipated NFI needs for the three months following data collection:

1. Plastic sheet
2. Fans
3. Mosquito insect net



As reported by KIs, a fire extinguisher per block was available and actors in the camp informed residents with information on fire safety in the three months prior to data collection.

Figure 8: Top three HH reported anticipated NFI needs for the 3 months following data collection (HHs could select up to three options):

- Carpet/mat for the floor **47%**
- Rechargeable fan **46%**
- Mattresses/sleeping mats **39%**

90% of HHs reported that they **had received information about fire safety**, of which **5%** reported difficulties with comprehending the information. **100%** reported knowing of a fire point in their block.

WATER

The **public tap/standpipe** was reportedly used by **100%** of HHs for drinking water.

% of HHs by reported drinking water issues (HHs could select as many options that applied meaning the sum of percentages may exceed 100%):

Water tasted/smelled/looked bad **38%**

People got sick after drinking **6%**

Coping Strategies

59% of HHs reportedly used negative strategies to cope with lack of water in the two weeks prior to data collection.

Most commonly reported negative strategies by HHs (HHs could select as many options that applied meaning the sum of percentages may exceed 100%):

- Relied on previously stored water (**54%**)
- Modified hygiene practices (bathe less, etc) (**21%**)
- Collected water from unprotected source (e.g. spring, stream, pond) (**5%**)

Self-reported by HHs and not verified through medical records, **12%** of HHs reported having at least one HH member suffering from **diarrhoea**.



WASTE DISPOSAL AS REPORTED BY KIs

Primary waste disposal system: Garbage collection NGO

Disposal location: at a landfill, 17 km away from the camp

Sewage system: desludging

WASTE DISPOSAL AS REPORTED BY HHs

Top three most commonly reported garbage challenges in the past 2 weeks prior to data collection (HHs could select up to three options):

1. Insufficient number of bins/dumpsters **8%**
2. Bins were overfilled and there was garbage on the ground **4%**
3. Dumping site(s) within camp or close to camp **2%**



HYGIENE

91% of HHs reported they did **not have access** to a private handwashing facility.

96% of HHs reported having **hand/body soap** available at the time of data collection.

91% of HHs reportedly experienced difficulties in obtaining hand/body soap.

Main difficulties reported included:

- Soap distributed was not enough **77%**
- Soap was too expensive **54%**
- Soap was distributed infrequently **39%**

LATRINES & SHOWERS

According to mapping data and as reported by KIs:

138	Number of communal latrines♦
3	Number of communal showers♦
0	Number of HH latrines♦
0	Number of HH showers♦♦



♦ **Communal latrines and showers** are shared by more than one HH,

♦ **HH latrines and showers** are used only by one HH. This can also include informal designations that is not officially enforced.

♦♦ **A shower** is defined as a designated place to shower as opposed to bathing in a shelter (i.e using a bucket).

Percentage of HHs by reported used latrines types (HHs could select as many options that applied meaning the sum of percentages may exceed 100%):

1. Communal latrine	94%
2. HH latrine	6%
3. Open defecation	1%

Percentage of HHs reporting on groups within their HHs not able to access latrines (HHs could select as many options that applied meaning the sum of percentages may exceed 100%):

1. Old persons (65+)	1%
2. Persons with disabilities	1%

HEALTH

Healthcare availability as reported by KIs

Number of healthcare facilities in camp: 2

Types of facilities: Mobile health clinics

Available services at the accessible health facilities:

	In camp	Outside camp
Outpatient department:	YES	NO
Reproductive health:	YES	NO
Emergency:	NO	NO
Minor surgery:	NO	NO
X-Ray:	NO	NO
Lab services:	NO	NO

The average distance of health facilities located outside the camp: **12 Km**

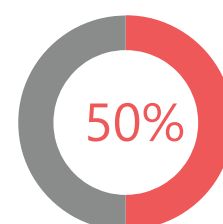
Healthcare accessibility as reported by HHs:

Of the **74%** of HHs who required treatment in the 30 days prior to data collection, **100%** reportedly faced barriers to accessing medical care.

Most commonly reported barriers to accessing medical care:

- Unaffordability of health services (**96%**)
- High transportation costs to health facilities (**70%**)
- Lack of medicines at the health facilities (**65%**)

Figure 9: Percentage of HHs reporting that a member **had given birth** since living in the camp:



CHILDREN AND INFANT HEALTH



Percentage of children under five years old that were reportedly vaccinated against **polio**⁶ **71%**

Percentage of children under two years old that had reportedly received the **DTP vaccine**⁷ **61%**

Percentage of children under two years old that had reportedly received the **MMR vaccine**⁷ **57%**

The camp management reported that infant nutrition items had **not** been distributed in the 30 days prior to data collection. The following **nutrition activities** have reportedly been undertaken in the past 3 months prior to data collection⁸:

Screening and referral for malnutrition:	YES
Treatment for moderate-acute malnutrition:	YES
Treatment for severe-acute malnutrition:	YES
Micronutrient supplements:	NO
Blanket supplementary feeding program:	YES
Promotion of breastfeeding:	YES

DISPLACEMENT

 **Top three areas of origin of HHs as reported by KIs:**

Country	Governorate	Sub-district	
Syria	Homs	Tadmor	50%
Syria	Hama	As-Salamiyeh	47%
Syria	Deir-ez-Zor	Al Mayadin	3%

Displacement history as reported by HHs:

Number of displacements before arriving to this camp **5**

Percentage of HHs who have been in displacement longer than one year **100%**

 **Movement in the past 30 days prior to assessment as reported by KIs:**

New arrivals **6**
Departures **0**

Movement Intentions



Figure 11: Percentage of HHs reporting **not planning to leave** the camp.

100% of HHs had no intention to leave the camp, because they reported **the camp was safe** (67%), **waiting for area of origin to be safe** (62%) and **there was access to water in the camp** (56%).

CAMP MANAGEMENT AND COMMITTEES



Figure 10: **Top three reported sources of information as reported by HHs:**

Community leaders	70%
Word of mouth	41%
Local Authorities	30%

All camp managers reported that a complaint mechanism exists. **As reported by HHs:**

1%	Reported not knowing who manages the camp
26%	Reported not sure
95%	Reported knowing of a complaint box in the camp
85%	Reported knowing who to contact to raise concerns or issues.

Present committees according to KI:

<input checked="" type="checkbox"/>	Camp management	<input checked="" type="checkbox"/>	Youth committee
<input checked="" type="checkbox"/>	Women's committee	<input checked="" type="checkbox"/>	Maintenance committee
<input checked="" type="checkbox"/>	WASH committee	<input checked="" type="checkbox"/>	Distribution committee
<input checked="" type="checkbox"/>	Health committee		

Top three reported information needs (HHs could select up to three options):

1. How to find job opportunities	76%
2. How to access assistance	43%
3. Information about returning to area of origin	26%

PROTECTION



84% of HHs reported being aware of safety and security issues in the camp during the two weeks prior to the assessment.

The most commonly reported security concerns were:

- Danger from snakes, scorpions, mice, dogs, etc. (**72%**)
- Theft (**43%**)

66% of HHs reported at least one member suffering from **psychosocial distress**; as reported by HHs themselves.



HHs' assessed symptoms included: persistent headaches, sleeplessness, and more aggressive behaviour than normal towards children or other HH members.

31% of HHs with children aged 3-17 reported that at least one child had exhibited **changes in behaviour** (changes in sleeping patterns, interactions with peers, attentiveness, or interest in others) in the two weeks prior to data collection.

At the time of data collection, **no interventions** were addressing the needs of older persons or persons with disabilities, **as reported by KIs**.



DOCUMENTATION

28% of HHs reported having at least one married person who was not in possession of their **marriage certificate**.

45% of HHs with children below the age of 17 reported that at least one child did not have any **birth registration documentation**.

FREEDOM OF MOVEMENT

As reported by KIs, **residents** who need to leave the camp temporarily **were able** at the time of data collection



11% of households reported not being able to leave for a medical reason without disclosing the reason

86% of HHs reportedly had experienced **barriers when trying to leave the camp** in the two weeks prior to data collection.

Most commonly reported barriers:

- Insufficient transportation (**55%**)
- Transportation options available but too expensive (**54%**)
- Site departure conditions (need approval) (**47%**)

GENDER RELATED PROTECTION CONCERNS

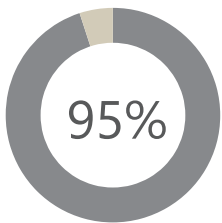


Figure 12: Percentage of HHs reporting **knowing** about any designated space for **women and girls** in the camp

36%

of the above subset reported that a girl or woman from their HH **attended one** in the 30 days prior to data collection.

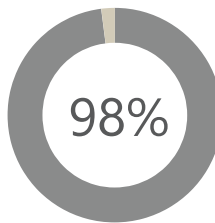


Figure 13: Percentage of HHs reporting **knowing** about any **child-friendly space** in the camp

71%

of the above subset reported that a child from their HH **attended one** in the 30 days prior to data collection.

3% of HHs reporting **women and girls** avoiding camp areas for safety and security reasons

56% of HHs reported **protection issues**. The top reported issues reported were (HHs could select as many options that applied meaning the sum of percentages may exceed 100%):

54% early marriage (girls below 18 years old)

9% denial of resources, opportunities, or services

7% physical violence

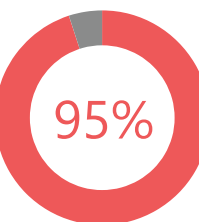


Figure 14: Percentage of HHs reporting **the presence of child protection concerns** in the camp; mainly, children working **91%**, and early marriage (below 18 years old) **51%**.

CHILDREN WORKING

Most commonly reported types of children working by gender (HHs could select as many options that applied meaning the sum of percentages may exceed 100%):

Boys (100% reportedly were aware of boys working)

Agriculture	71%
Livestock rearing	46%

Girls (100% reportedly were aware of girls working)

Agriculture	100%
Domestic labour	7%



Findings refer to the **91%** subset of HHs who reported that they were **aware of children under the age of 11 within the camp** in the 30 days prior to data collection



EDUCATIONAL FACILITIES

Number of educational facilities and available certification in the camp per age group, as reported by KIs at the time of data collection:

Age group	Educational facility	Certification availability
3-5	0	-
6-11	1	No
12-14	1	No
15-17	0	-
Total	1	

56% of girls reported going to school inside the camp compared to the total number of girls in the HH.

62% of boys reported going to school inside the camp compared to the total number of boys in the HH

Figure 15: % of girls attending school, inside the camp, relative to total in that age group in that HH*.

Age group		
15-17	■	23%
12-14	■	60%
6-11	■	67%
3-5	■	14%

Figure 16: % of boys attending school, inside the camp, relative to total in that age group in that HH*.

Age group		
15-17		0%
12-14	■	45%
6-11	■	81%
3-5	■	18%

* No children attended schools outside of the camp

Available WASH facilities in schools/temporary learning facilities (TLSs) as reported by KIs:

Latrines	Yes, in all schools/TLSs (all segregated)
Handwashing facilities:	Yes, in all schools/TLSs
Safe drinking water:	Yes, in all schools/TLSs

SCHOOL-AGED CHILDREN (6-17 YEARS OLD)

59% of school-aged children in the HHs were reported to receive education

The most commonly reported barriers to access education for these HHs were (HHs could select as many options that applied meaning the sum of percentages may exceed 100%):



- No education for children of a certain age (47%)
- Child did not want to attend (28%)
- Children had to work (28%)

EARLY CHILDHOOD DEVELOPMENT (3-5 YEARS OLD)

16% of 3-5 year old children in the HHs reportedly received early childhood **education**

Most commonly reported barriers to early childhood education (HHs could select as many options that applied meaning the sum of percentages may exceed 100%):▼



- No education for children of a certain age (74%)
- Child did not want to attend (9%)
- Education was not considered important (9%)

METHODOLOGY OVERVIEW

The process of data collection for camp analysis employs three distinct methodologies: KI interviews, HH interviews, and on-field mapping data collection. KI interviews serve as a primary source of information, providing insights into camp management, services, and infrastructure. Each camp is subject to one KI interview, conducted with the camp managers. HH interviews are carried out using a random sampling method. The goal is to achieve a 95% confidence while maintaining a 10% margin of error. This approach is founded upon population figures supplied by the camp

management.

The on-field mapping data collection technique involves physically visiting camp facilities, documenting precise locations using KoBo, and assessing available services. Collected data from on-field mapping is compared with KI interviews for a holistic understanding of camp infrastructure and services. The infrastructure map corresponding to the current cycle for the camp can be accessed [here](#). All Camp and displacement products remain accessible on the [REACH Resource Centre](#).

ENDNOTES

¹ The United Nations World Food Programme (WFP). (May 2014). WFP Food Consumption Score - Technical Guidance Sheet. Retrieved from: <https://fscluster.org/>

² [Sphere Handbook, Humanitarian Charter and Minimum Standards in Humanitarian Response](#), 2018 [UNHCR Emergency Handbook](#).

³ The United Nations World Food Programme (WFP). (May 2014). WFP Food Consumption Score - Technical Guidance Sheet. Retrieved from: <https://fscluster.org/>

⁴ [UN Food and Agriculture Organisation \(2011\) Guidelines for Measuring HH and Individual Dietary Diversity.](#)

⁵ [Reach Initiative, NES Market Monitoring Exercise 22-November](#)

⁶ Vaccination strategies are tailored to address the vulnerabilities of specific age groups. Children under 5 years old are particularly susceptible to polio, with most cases occurring within this age range. Immunizing children under 5 becomes imperative as it provides protection during their most vulnerable phase, effectively curbing transmission and establishing herd immunity against polio outbreaks. [Reference: World Health Organization (WHO), UNICEF, and Rotary International: <https://www.unicef.org/partnerships/rotary>]

⁷ Infants and young children are especially at risk of diseases targeted by the DTP vaccine. Diseases like pertussis can have severe consequences for infants, making vaccination crucial before potential exposure. Vaccinating children under 2 mitigates disease outbreaks and fosters herd immunity. Conversely, the MMR2 vaccine is strategically administered later, typically around 4 to 6 years old, factoring in crucial developmental considerations. Administering certain vaccines, like the MMR vaccine, to very young children may not yield optimal immunity due to developing immune systems and maternal antibodies interference. The vaccine's timing, carefully orchestrated to minimize visits and optimize schedules, ensures its effectiveness. These tailored vaccination timelines are anchored in scientific rationale, enhancing the overall impact of immunization efforts. <https://www.who.int/news-room/fact-sheets/detail/immunization-coverage>

⁸ In camp health assessments, medical facilities are typically established, enabling regular communication and the submission of comprehensive medical reports. When a camp lacks medical facilities and an IDP requires external treatment, the IDP provides medical documentation upon their return, explaining the need for their absence. This practice ensures effective health monitoring and reporting, even in camps without on-site medical services.

ABOUT REACH

REACH Initiative facilitates the development of information tools and products that enhance the capacity of aid actors to make evidence-based decisions in emergency, recovery and development contexts. The methodologies used by REACH include primary data collection and in-depth analysis, and all activities are conducted through inter-agency aid coordination mechanisms. REACH is a joint initiative of IMPACT Initiatives, ACTED and the United Nations Institute for Training and Research - Operational Satellite Applications Programme (UNITAR-UNOSAT).