

War-Damaged Shelter Rehabilitation Programs in Iraq

RWG Meeting

Wednesday, 27th May 2020



WDS Rehabilitation Highlights

Targeted Houses	Completed	Ongoing	Planned
71,025	44,727	11,950	14,348

Rehabilitations in 2020		
6,048		
4,127	1,739	182
Completed	Ongoing	Planned

Rehabilitations in 2019		
30,838		
17,990	5,761	7,087
Completed	Ongoing	Planned

Rehabilitations in 2018		
24,362		
14,441	4,283	5,638
Completed	Ongoing	Planned

Rehabilitations in 2017		
9,777		
8,169	167	1,441
Completed	Ongoing	Planned



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This dashboard is managed by UN-Habitat and Shelter Cluster Iraq to coordinate housing rehabilitation activities in Iraq. Its use is strictly for humanitarian purposes. UN-Habitat and Shelter Cluster are not responsible for any misuse of the provided information. It includes the latest overview of all housing rehabilitation, new construction and cash for shelter projects as reported to the Shelter Cluster in Iraq. Use the filters below and on the graphs (on each page) to view various aspects of the projects. For more information, please visit the last page of the dashboard.

Total Number of Houses

71,025

Governorate

All

Status

- Completed
- Looking for funding
- Ongoing
- Planned

Project details

- Cash for Shelter
- New construction / transitional shelter
- Rehabilitation

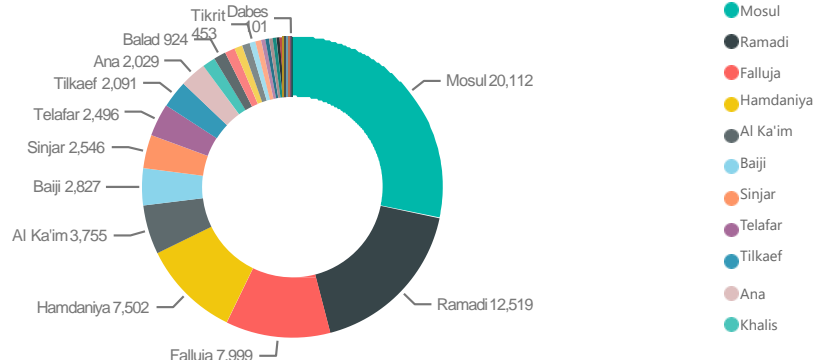
District

All

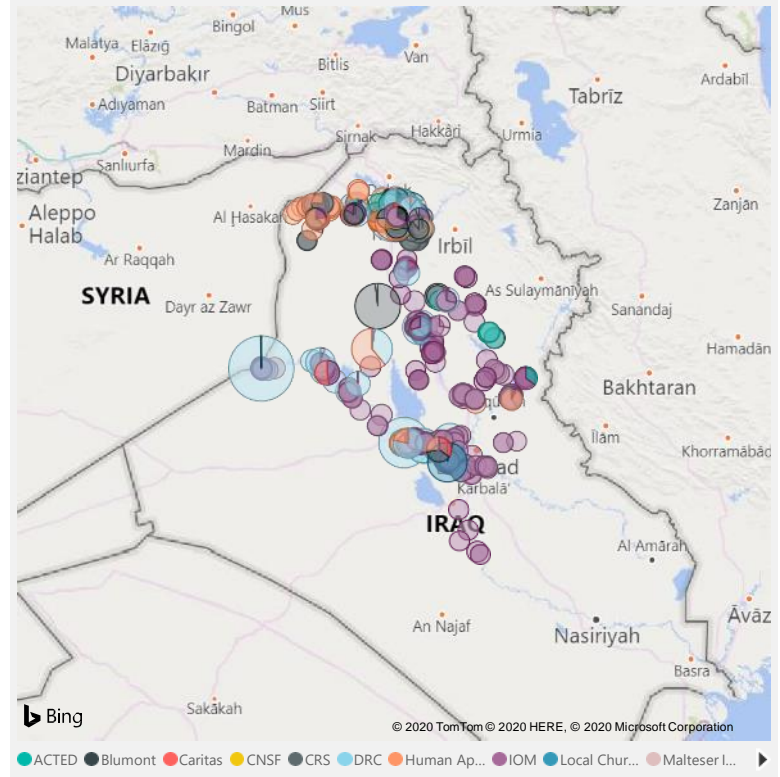
Subdistrict

All

Targeted Houses by District



Total Targeted Houses by Partner



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Total Number of Houses

71,025

Targeted Houses by Agency

Organization	Total Targeted Houses
UNDP	37,252
UNHCR	6,533
UN-Habitat	5,014
IOM	4,478
NRC	4,313
RIRP	2,147
Malteser International	2,056
Local Church	2,045
CRS	1,926
ACTED	1,226
Samaritan's Purse	967
Human Appeal	698
DRC	684
Blumont	496
CNSF	495
Medair	280
PUI	280
Caritas	125
ZOA	10
Total	71,025

- Governo...**

 - Anbar
 - Baghdad
 - Diyala
 - Kerbala
 - Kirkuk
 - Najaf
 - Ninewa
 - Salah al-Din

District

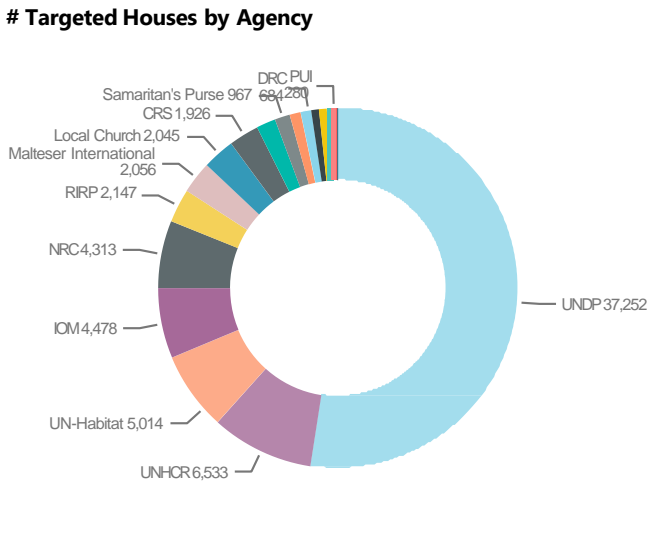
 - Abu Ghraib
 - Al Ba'aj
 - Al Hawiga
 - Al Ka'im
 - Ana
 - Baiji
 - Balad
 - Dabes

Status

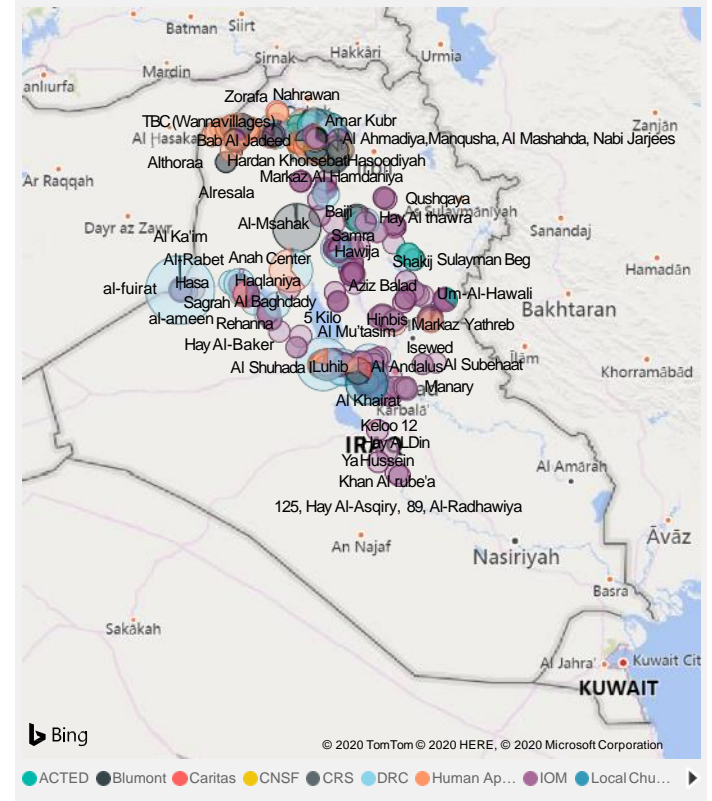
 - Completed
 - Looking for funding
 - Ongoing
 - Planned



Organization

All ↓



Targeted Houses by Agency and Sub-district



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- All ▾
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Governorate	District # Targeted Houses	Subdistrict Project details	Neighborhood/village	Organization	Status		
Anbar	Al Ka'im	Al Ka'im	Al Ka'im	UNDP	Looking for funding	2,200	Rehabilitation
Anbar	Ramadi	Markaz Al Ramadi	5 Kilo	UNDP	Completed	2,050	Rehabilitation
Ninewa	Mosul	Mosul City	Nahrawan	UNDP	Completed	1,497	Rehabilitation
Ninewa	Hamdaniya	Markaz Al Hamdaniya	AlHamdaniya	Local Church	Completed	1,250	Rehabilitation
Ninewa	Mosul	Mosul City	Zinjili	UN-Habitat	Completed	1,087	Rehabilitation
Salah al-Din	Baiji	Markaz Baiji	Baiji	UNDP	Planned	1,000	Rehabilitation
Anbar	Ramadi	Markaz Al Ramadi	Ta'ameem	UN-Habitat	Completed	859	Rehabilitation
Anbar	Al Ka'im	Al Ka'im	Al Ka'im	UNDP	Ongoing	800	Rehabilitation
Anbar	Falluja	Karma	Al Khairat	UNDP	Planned	800	Rehabilitation
Ninewa	Hamdaniya	Baashiqa	Baashiqa	Malteser International	Ongoing	682	Rehabilitation
Ninewa	Tilkaef	Baashiqa	Khorsebat	ACTED	Completed	650	Rehabilitation
Ninewa	Hamdaniya	Markaz Al Hamdaniya	Markaz Al Hamdaniya	Malteser International	Ongoing	616	Rehabilitation
Anbar	Rawa	Rawa	Rawa	UNDP	Planned	600	Rehabilitation
Anbar	Ramadi	Markaz Al Ramadi	8 Shubat	UNDP	Completed	562	Rehabilitation
Anbar	Ana	Markaz Ana	Anah	UNDP	Planned	560	Rehabilitation
Ninewa	Mosul	Mosul City	Al Ahmadiya, Manqusha, Al Mashahda, Nabi Jarjees	UNDP	Looking for funding	558	Rehabilitation
Anbar	Ramadi	Markaz Al Ramadi	AL Baker	UNDP	Completed	544	Rehabilitation
Anbar	Ramadi	Markaz Al Ramadi	Al Andalus	UNDP	Completed	543	Rehabilitation
Ninewa	Hamdaniya	Bartalla	Bartalla	Local Church	Completed	540	Rehabilitation
Anbar	Ramadi	Markaz Al Ramadi	Al Bujaber	UNDP	Completed	525	Rehabilitation

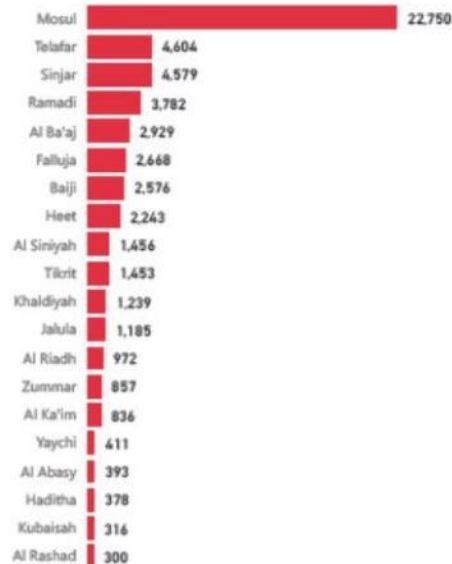
Total 71,025

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Satellite imagery is limited compared to what appears in the imagery frames. While the confidence level of these remotely collected data is high, a far larger damage level that cannot be detected in the frames should be expected.

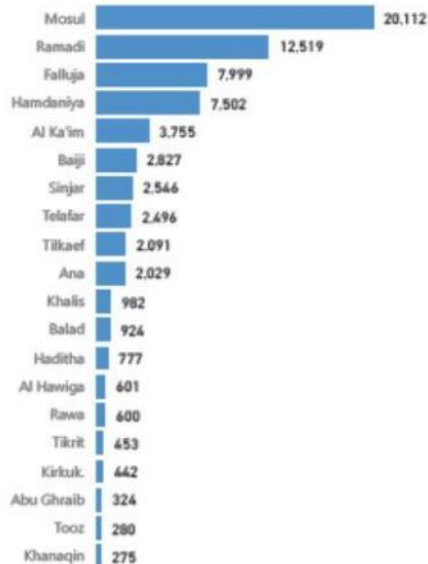
58,167 Damaged Houses (WD-3, WD-4)
This contains data from satellite assessment for category 3 and category 4 houses only

Damaged Houses per District - Satellite Assessment

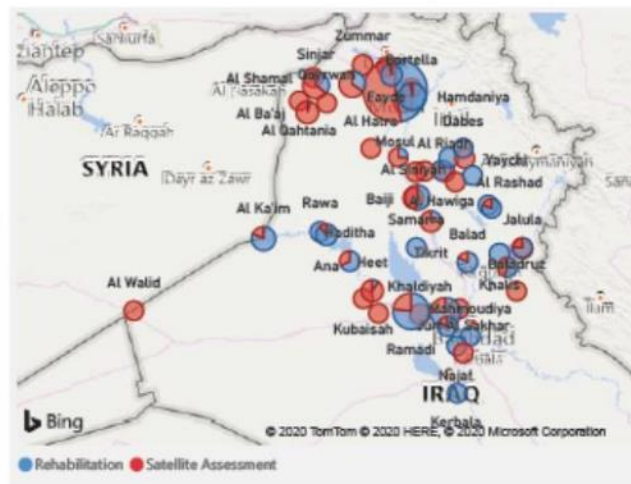


71,025 Targeted Houses for Rehabilitation
This contains all planned, ongoing, completed rehabilitations reported by partners

Targeted Houses per District - Rehabilitation



Satellite Assessment and Rehabilitation per District



Satellite Assessment vs. Rehabilitation by District

District	Rehabilitation	Satellite Assessment
Abu Ghraib		324
Al Abasy		393
Al Ba'aj	138	2,929
Al Hatra		113
Al Hawiga	601	
Al Ka'im	3,755	836
Al Qahtania		39
Al Rashad		300
Total	71,025	58,167

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Emergency Repairs Of War-Damaged Shelter Guidelines

Partners engaging in emergency shelter repairs should follow the below essential steps to ensure the humanitarian imperative and protection principle of "do no harm" are achieved:

1. Identification of beneficiaries, based solely upon humanitarian need (principle of impartiality) and through clearly established vulnerability criteria
2. Communication with communities for awareness raising on the beneficiaries selection criteria. The Shelter Cluster recommends the use of the Socio-Economic Vulnerability Assessment Tool (SEVAT) developed by the Cash Working Group.
3. Verification of ownership to ensure House, Land and Property (HLP) rights do not complicate ownership
4. The Owner(s) knowledge about and willingness in applying for a compensation claim
5. Categorization of the WDS, using the Categories of War Damaged Buildings in Iraq, conducted by a qualified engineer
6. Preparation of a Bill of Quantity by qualified engineers, taking into consideration the minimum scope of repairs
7. Communication with, and consent from, beneficiaries on the scope and timing of repairs prior to execution
8. Communication with, and consent from, beneficiaries on the collection of the geographical coordinates of their house for reporting purposes
9. Implementation of emergency shelter repairs according to the minimum scope of repairs
10. Monitoring during and after execution of works, and evaluation upon expiration of the liability period, run by technical experts only (i.e. civil engineers)

Refer to the [Emergency Repairs Of War-Damaged Shelter Guidelines](#) for more information

Partners Reporting to the War Damaged Shelter Rehabilitation Database



Date: Data as of 13 Apr 2020 | Source: Shelter Cluster partners | Disclaimer: The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations

War Damaged Shelter Categories

When carrying out war damaged shelter assessments it is important to ascertain the level of damage on the houses so as to adequately categorize such houses for rehabilitation. Categorization of war damaged shelters is an important to guide to enable appropriate minimum scope of repairs and funding level to be allocated toward rehabilitation efforts. For more information refer to the [Emergency Repairs Of War-Damaged Shelter Guidelines](#)

It is recommended that partners use the below war damaged categorization developed by the Shelter and NFI Cluster.

- WD 0 - No/negligible damages
- WD 1 - Minor damages
- WD 2 - Major damages, not structurally compromised
- WD 3 - Severe damages, structurally compromised
- WD 4 - Destroyed/rehabilitation not feasible

Useful Links

- [Download the User Guide](#)
- [UNHABITAT Housing Rehabilitation Portal](#)
- [Iraq War Damaged Shelter Data Collection Form](#)
- [Iraq Shelter and NFI Cluster Website](#)
- [UNHABITAT Website](#)
- [Main National Platform for Construction and Development](#)

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WDS Rehabilitation – overview of program

- Targeted beneficiaries:
 - Humanitarian programs (48%) → socio-economically vulnerable (SEVAT)
 - Stabilization programs (52%) → blanket (neighborhood based)
- Focus:
 - Cat. 2 damages: “heavily damaged but not structurally compromised” (1,800 – 2,500 USD/HH)
 - Few light cat. 3: “heavily damaged and structurally compromised” (2,500 – 3,500 USD/HH)
 - Gap in cat. 3
 - Gap in cat. 4 (“destroyed”) → only 4,310 units provided so far (6% of overall achievement), mainly RHUs

WDS Rehabilitation – challenges

1. Demining
2. Debris removal
3. Sheer scale of destruction: WB estimates at 17.6 billion USD the need for the housing sector to be reconstructed
4. HLP barriers:
 - Loss of ownership documentation
 - Secondary occupation
 - Compensation grant not disbursed at the needed scale (90% of those who submitted a file, did not yet receive the compensation); no prioritization for extremely vulnerable people
5. Lack of social housing, a problem even before the conflict (760,000 units missing, but based on UN-HABITAT calculation this is underestimated)

WDS Rehabilitation – ways forward

1. Protracted crisis, humanitarian footprint decreasing
2. In the HRP 2020, Shelter Cluster allowed with a very low target for WDS repairs/low cost transitional shelter solution (21,000 indiv., or 3,500 HH) → HCT decision
3. Cost of a core house: 6,000 – 8,000 USD/unit (33 sqm for a family of 6)
4. Low-cost transitional shelter solution:
 - RHU: the only solution implemented at scale so far
 - Pilot project of UN-HABITAT in Zummar (2018): mud brick houses, successfully implemented through a cash for work program, not replicated by any other partner (although cost may not exceed 1,000 USD/HH)
 - UNDP considering some core housing programs – funds TBC
5. Even with resource availability, access challenges and timeframe, and now C-19 pandemic, remain major constrains

WDS Rehabilitation – Low Cost Transitional Shelter Solution

**RHU (UNHCR,
Better Shelter)**



LifeShelter



**Mud Brick House
(UN-HABITAT)**



<https://www.sheltercluster.org/response/iraq>