



The Urbanization of Conflict IRAQ

**Directorate of Mine Action(DMA)
Ministry of Health and Environment
Republic of Iraq**

14 Feb. 2018- Geneva



Contents

- **Scope of Problem**
- **Response to New Situation**
- **Challenges**
- **Needs**

Scope of Problem

ISIS was controlled several Provinces in Iraq After 10th June 2014 .

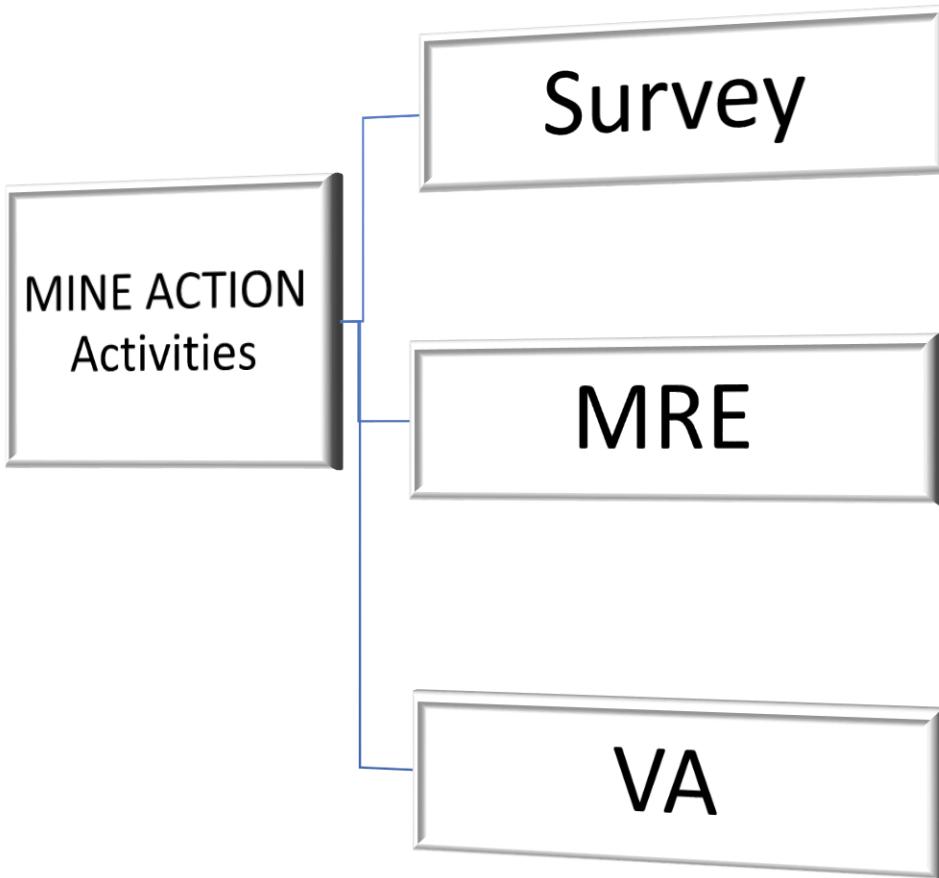
Thousands of IEDs were planted everywhere in these provinces .

Iraqi forces was faced new challenge by IED contaminations during liberating operations .

Difficulties of IDPs and Returnees Movements



Response to New Situation





DMA

Directorate For Mine Action



LANDMINE/ERW CONTAMINATION IN IRAQ



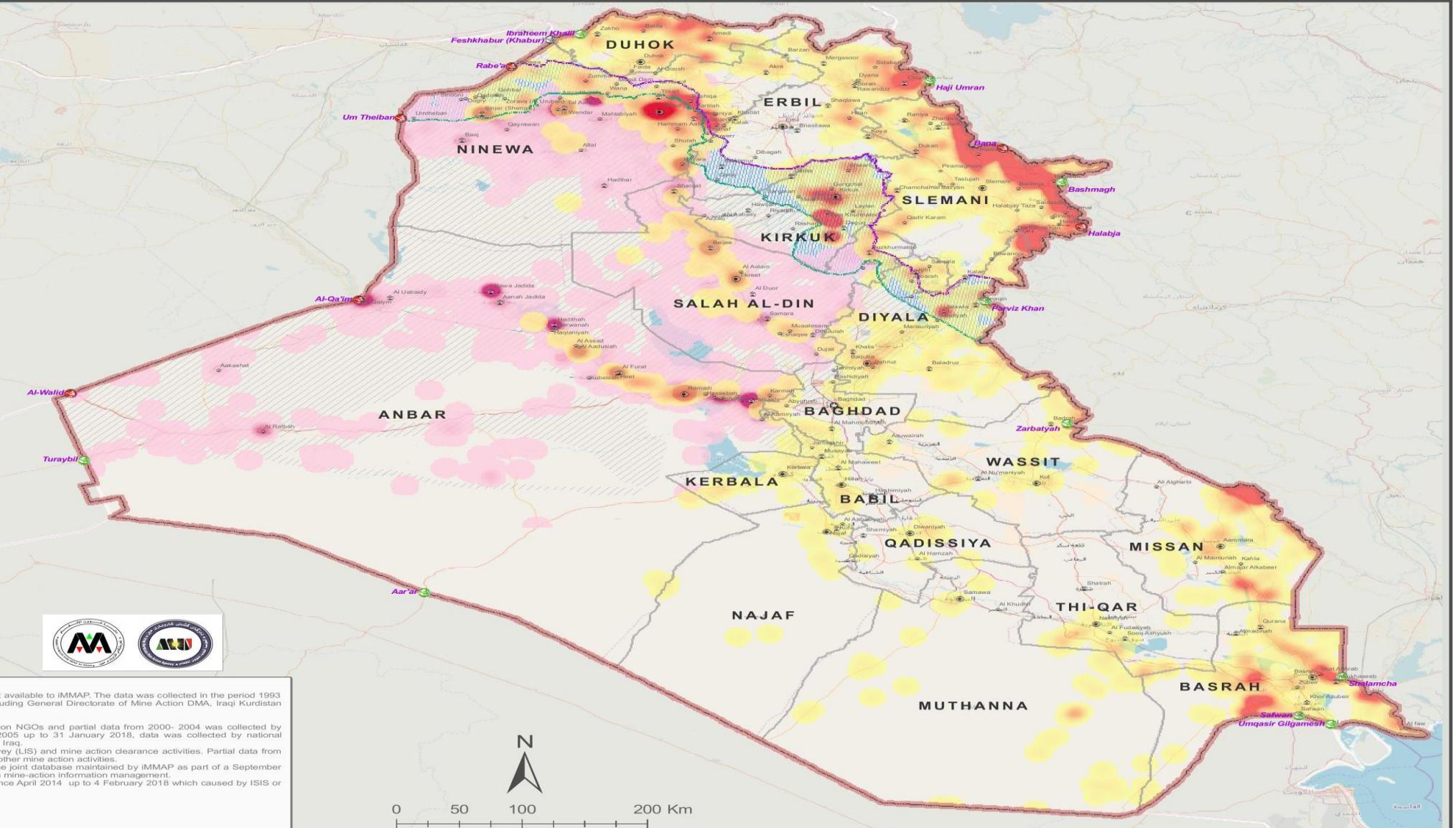
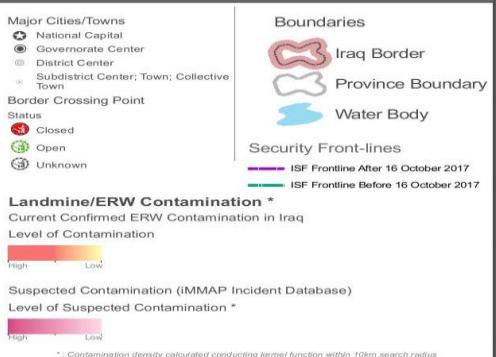
IMMAP

CURRENT CONTAMINATION IN DMA AREA		
Type of Hazard	No. of Hazards	Contamination Area (sqm)
Cluster Munitions	259	206,386,364
Battlefield	163	566,220,171
ERW	946	710,632,336
IED	61	429,626,547
Landmine	316	1,089,318,385
TOTAL	1,745	3,002,183,803

CURRENT CONTAMINATION IN IKMMA AREA		
Type of Hazard	No. of Hazards	Contamination Area (sqm)
ERW	322	43,125,734
Landmine	3011	171,896,936
Suspected Hazard Area	345	57,833,847
TOTAL	3,356	229,730,783

CURRENT CONTAMINATION IN GRAY-AREA		
Type of Hazard	No. of Hazards	Contamination Area (sqm)
Cluster Munitions	20	1,534,176
Battlefield	52	1,683,772
ERW	99	4,694,959
IED	365	12,167,528
TOTAL	536	20,080,435

LEGEND



Note:
The information presented on this map is based on national database and is best available to IMMAP. The data was collected in the period 1993 to 31 January 2018 by Iraqi local authorities and mine action organizations including General Directorate of Mine Action DMA, Iraqi Kurdistan Mine Action Agency IKMMA, and IMMAP as follow:

IKMMA - Partial data from 1993-1999 was collected by humanitarian mine action NGOs and partial data from 2000- 2004 was collected by UNOPS' mine action program as well as other humanitarian NGOs. From 2005 up to 31 January 2018, data was collected by national authorities and mine action organizations in the Kurdistan Region, Iraq.

DMA - Partial data from 2005- 2010 was collected from Land Mine Impact Survey (LIS) and mine action clearance activities. Partial data from 2011 up to 31 January 2018 was collected from Non-Technical Survey NTS and other mine action activities.

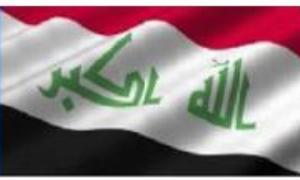
Liberated areas from ISIS by Kurdish forces (Gray Area) - Data is sourced from the joint database maintained by IMMAP as part of a September 14, 2015 a Memorandum of Understanding between DMA, IKMMA, and IMMAP on mine-action information management.

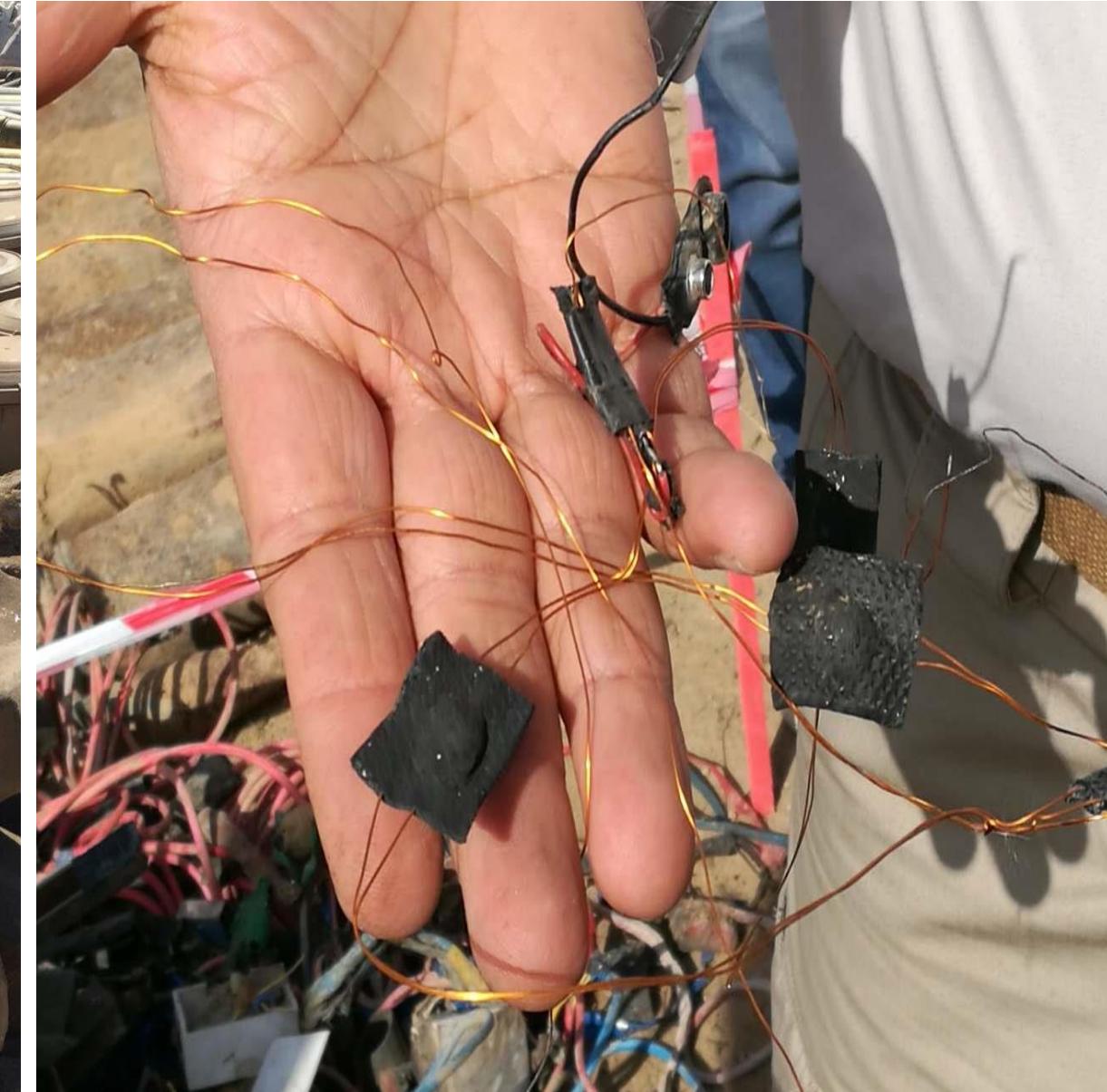
IMMAP Security Incident Data: all recorded security incidents occurred in Iraq since April 2014 up to 4 February 2018 which caused by ISIS or against ISIS.

Map prepared on: 13 February 2018

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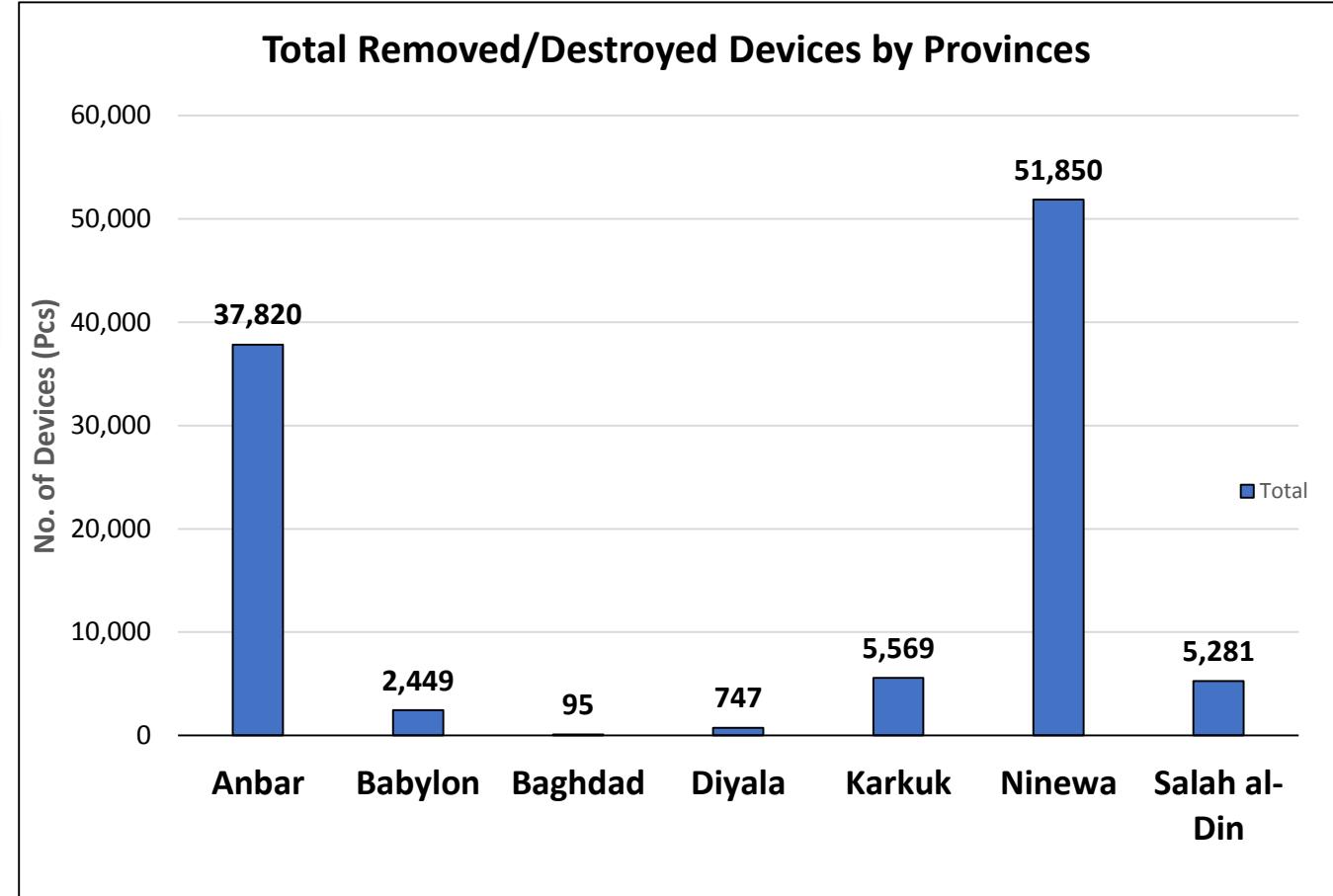




Removed/Destroyed Devices (IEDs) in Liberated Areas

**Total Devices
(IEDs)**

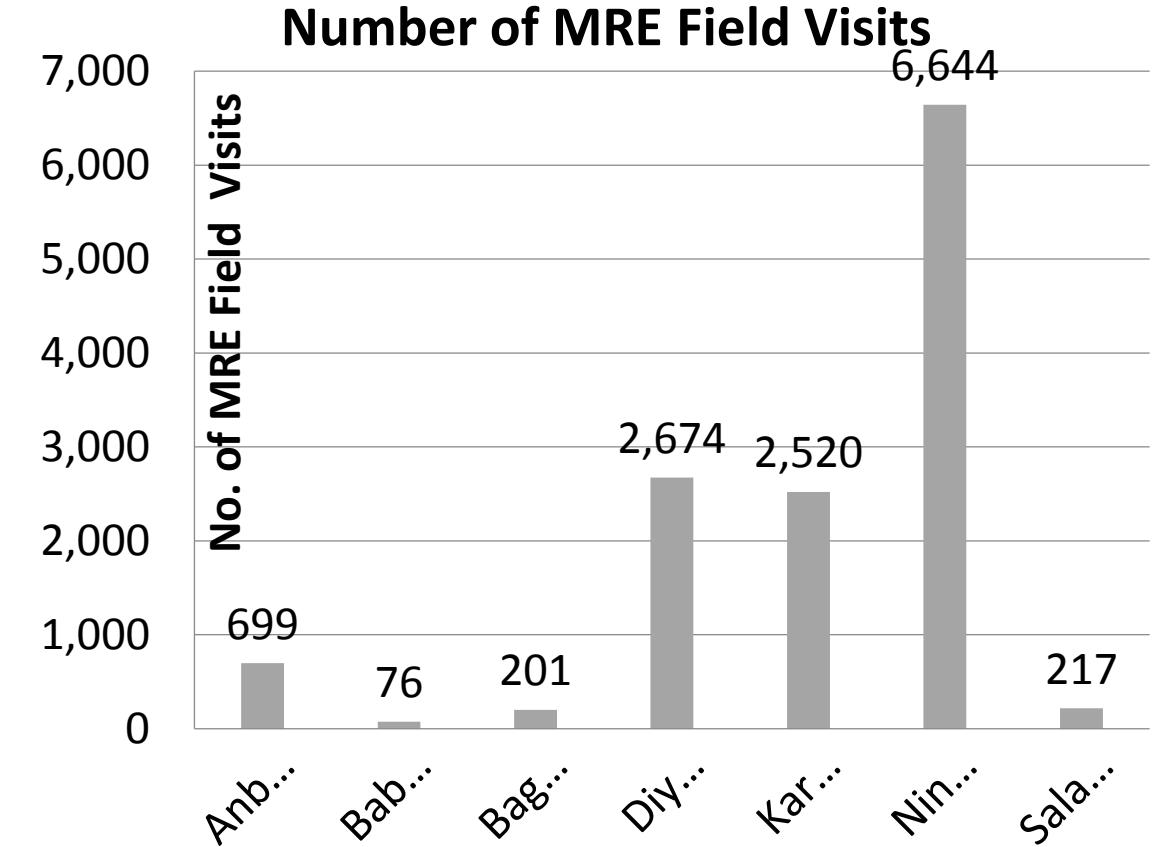
103,811 Pcs



MRE Activities

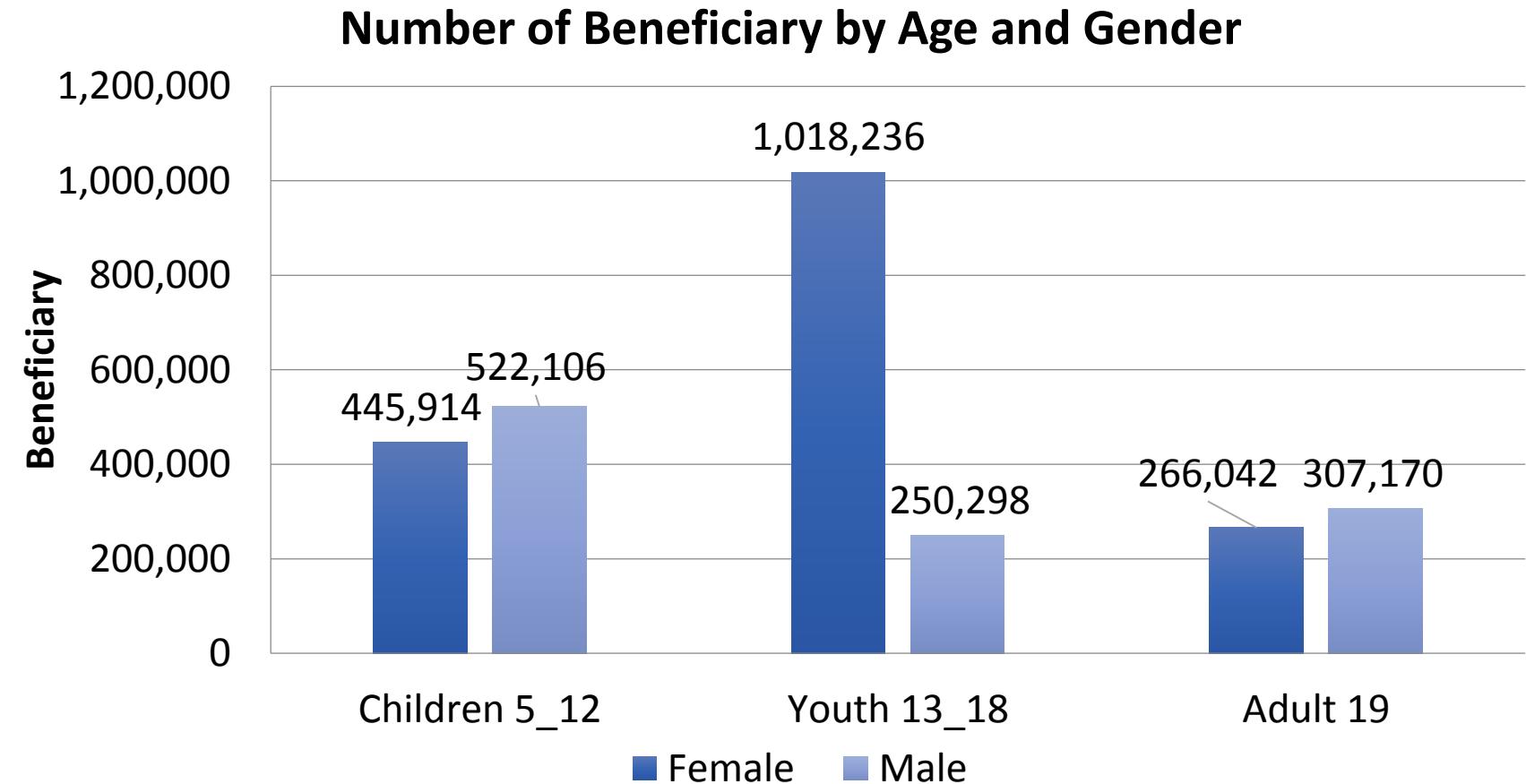
Number of MRE Visits in
liberated Areas
2015 - 2017

13,031



Number of MRE Beneficiaries

**Beneficiaries
from MRE
1,404,883**



Victim Assistance

Victims Survey in Al - Fallujah district started and around 5000 victims reported



Challenges

Unstable Security situation

No international Standards for IEDs.

Low No. of Operators and lack of Experiences .

Lack of information

Lack of financial resources

IDPs and Returnees



Total IDPs and rate of IDPs affected by IEDs

5,018,822

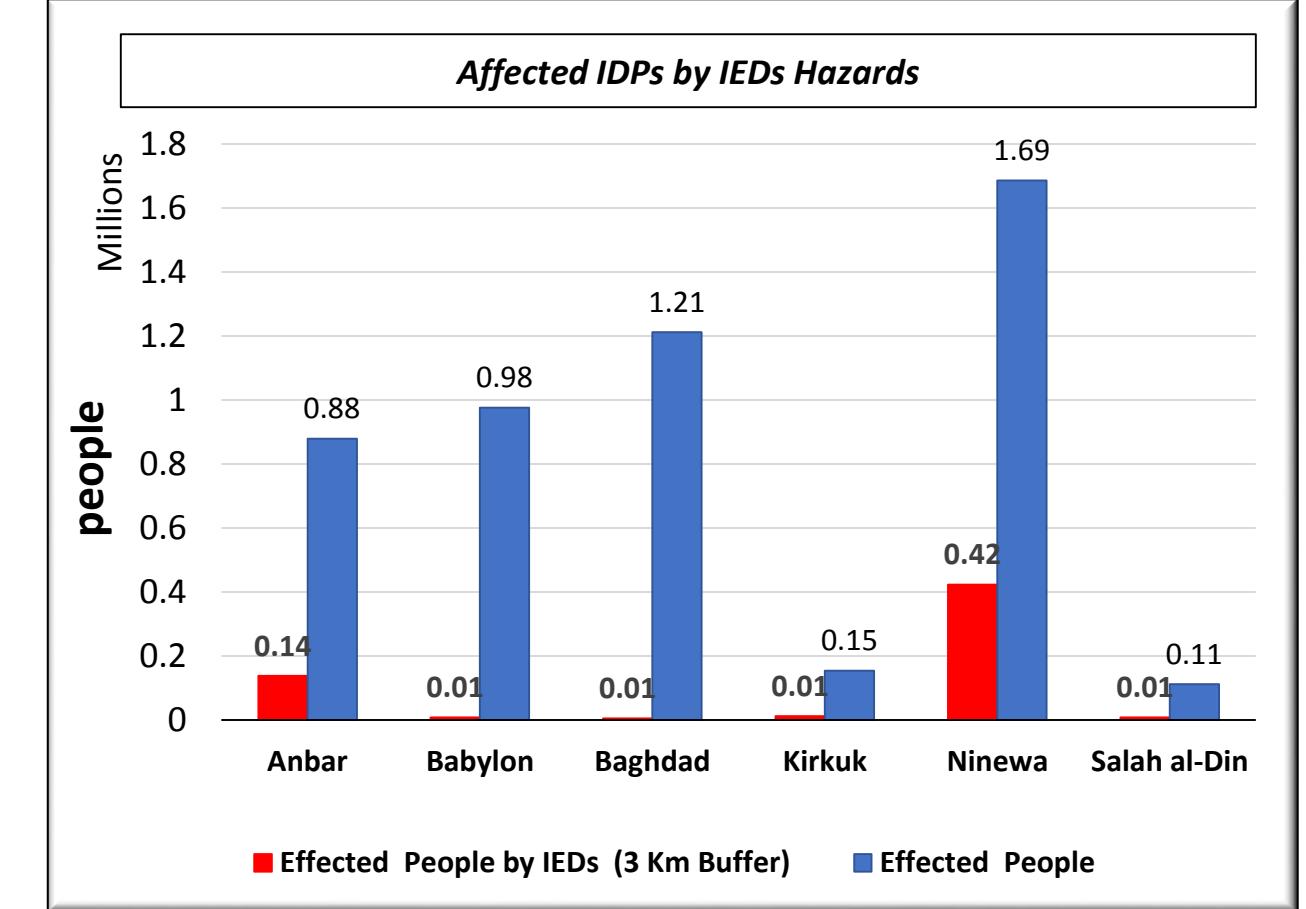
- Total IDPs

594,229

- IDPs affected

%11.8

- Rate of affected IDPs



Total Returnees and rate of Returnees affected by IEDs

3,031,806	594,229	20%
• Total Returnees	• Affected Returnees By IEDs	• Rate of affected Returnees by IEDs





Needs to face the new challenges

- Funding
- Capacity Building
- NTS for Liberated Area
- New Technology for detecting IEDs



Thank You

Mosul – Right Side – September 2017