

## Anexo

Los siguientes documentos aportados son planos que analizan, de forma complementaria al Trabajo, el campo de refugiados de Zaatari. Están realizados por UNOSAT y REACH para UNHCR,<sup>1</sup> por lo que los datos son oficiales y están actualizados. Dependiendo del plano y el análisis que se realiza en él la fecha de actualización varía, presentando en este anexo los más recientes y relevantes. El tamaño original de la mayoría de estos documentos es DIN A3, siendo DIN A1 en algún caso (reducido a DIN A3 en este anexo). Las imágenes insertadas en la memoria tienen un tamaño pequeño que hace más difícil su comprensión, por eso se incluyen en este apartado en su tamaño original. El resto de planos son complementarios. En primer lugar, se encuentran los planos de crecimiento y evolución cronológica del campo, realizados por UNOSAT. Más adelante los realizados por REACH, que analizan el campo desde diferentes puntos de vista.

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<sup>1</sup> Planos obtenidos de UNOSAT (UNITAR's Operational Satellite Applications Programme) y de REACH (iniciativa de las ONGs: ACTED e IMPACT Initiatives, y de UNOSAT) en ReliefWeb, <http://reliefweb.int/country/jor/thumb?search=zaatari#content> (consultada el 27 de agosto de 2017) y en UNHCR, <http://data.unhcr.org/syrianrefugees/documents.php?page=1&view=grid&Language%5B%5D=1&Settlement%5B%5D=176&Type%5B%5D=1> (consultada el 29 de agosto de 2017)



# Syrian refugee camps - Al-Zaatari Camp

## Mafraq Governorate, Northern Jordan

Data Acquired 21 August 2012 and 03 September 2012

This map illustrates satellite-derived analysis and tents detections of Al Zaatari refugee camp in Mafraq Governorate, Northern Jordan. As of 03 September 2012, a total of approximately 2,400 tents and 336 camp building/tents structures were identified with a high degree of confidence within the well-defined and structured camp site encompassing a current area of approximately 84Ha. Of this total, 1,382 tents were likely erected for refugee people as on 21 August 2012. Between 21 August and 03 September, the camp expanded significantly in both size and capacity, adding over

1,019 tent shelters as well as a range of purpose-built structures likely dedicated for camp management. Tent shelters erected before 21 August 2012 were also extensively reorganized in several areas in order to build new tents. There was also ground prepared which could accommodate new tents over an area of approximately 30Ha. This is a preliminary analysis and has not yet been validated in the field. Please send ground back feedback to UNITAR/UNOSAT.

Refugee Camps

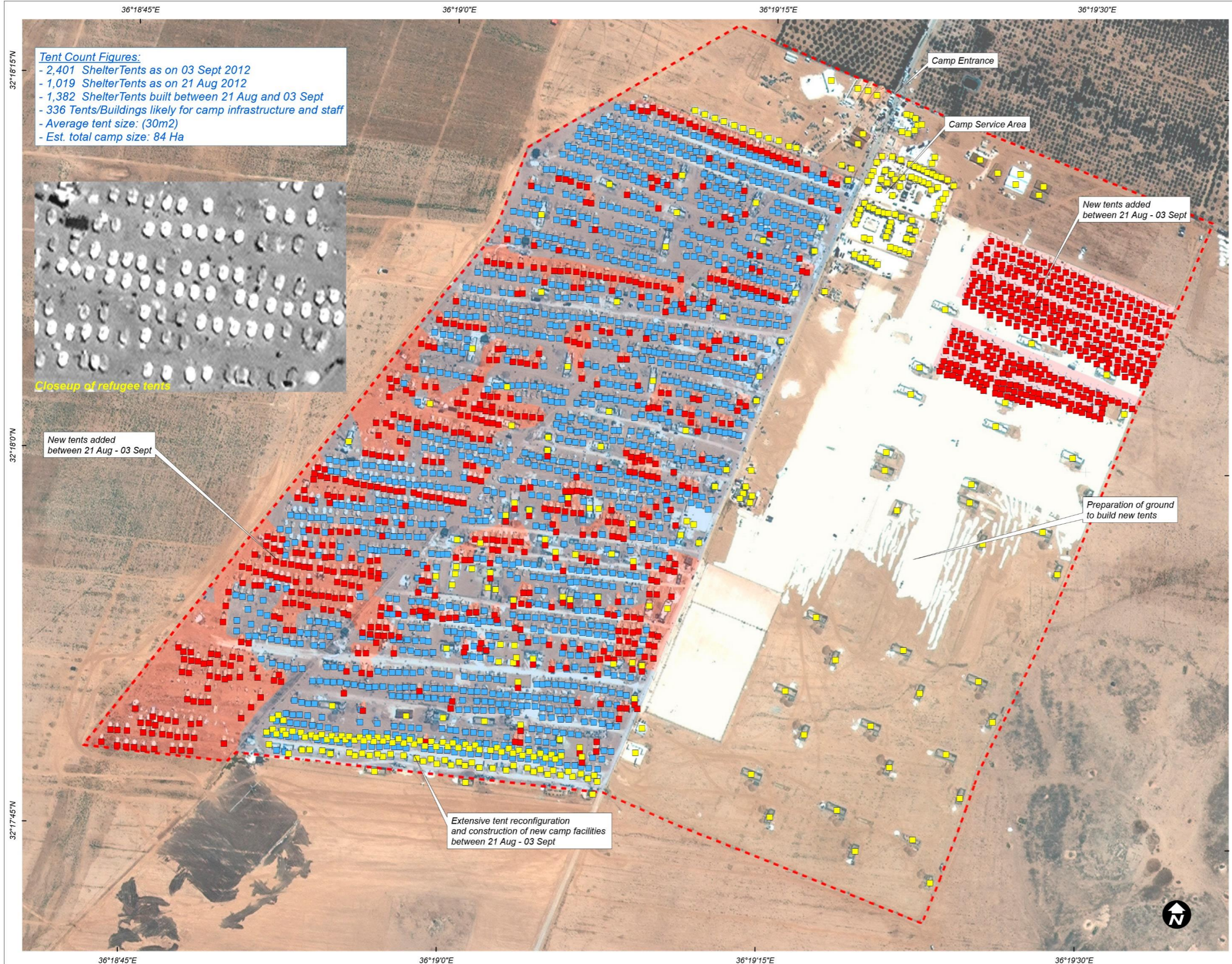
Production Date:

18/09/2012

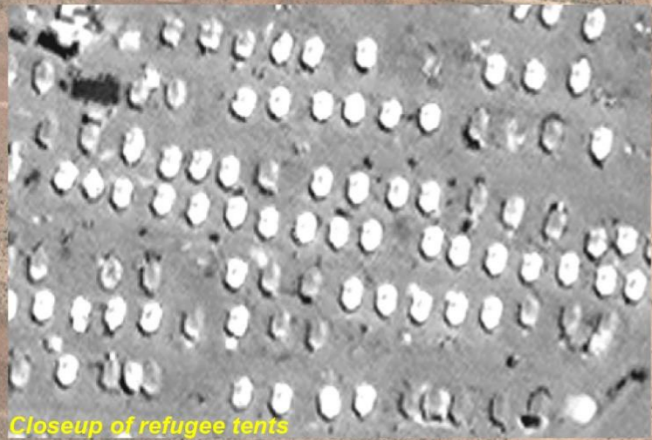
Version 1.0

Activation Number:

GE20110704SYR



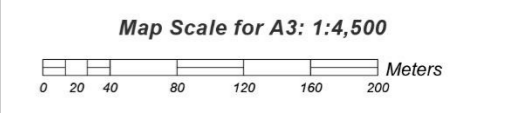
**Tent Count Figures:**  
 - 2,401 ShelterTents as on 03 Sept 2012  
 - 1,019 ShelterTents as on 21 Aug 2012  
 - 1,382 ShelterTents built between 21 Aug and 03 Sept  
 - 336 Tents/Buildings likely for camp infrastructure and staff  
 - Average tent size: (30m2)  
 - Est. total camp size: 84 Ha



Closeup of refugee tents



- MAP LEGEND**
- Shelter tents (21 August)
  - Shelter tents (03 September)
  - Camp infrastructure tents/buildings
  - Total Camp Extent (03 September)
  - Camp Extent (21 August)
  - Camp Expansion Areas (21 August - 03 September)



Satellite Data: WorldView-2  
 Imagery Dates(1): 03 September 2012  
 Resolution: 50 cm  
 Copyright: DigitalGlobe 2012  
 Source: European Space Imaging  
 Satellite Data(2): WorldView-1  
 Imagery Dates: 21 August 2012  
 Resolution: 50 cm  
 Copyright: DigitalGlobe 2012  
 Source: European Space Imaging  
 Road Data : Google Map Maker / OSM / ESRI  
 Other Data: USGS, UNHCR, NASA, NGA  
 Analysis : UNITAR / UNOSAT  
 Production: UNITAR / UNOSAT  
 Analysis conducted with ArcGIS v10.1  
 Projection: UTM Zone 37 N  
 Datum: WGS 1984

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# AL ZAATARI REFUGEE CAMP MAFRAQ GOVERNORATE, JORDAN

Analysis with WorldView-1 Data Acquired 15 November 2012 and WorldView-2 Data Acquired 3 September 2012

This map illustrates satellite-detected shelters and other buildings at the Al Zaatari refugee camp in Mafraq Governorate, Jordan. As of 15 November 2012 a total of 5,163 shelters were detected as well as 499 infrastructure and support buildings within the 216 hectares of the camp. The number of shelters has thus increased by about 2,400 since the previous UNITAR/UNOSAT assessment of the camp which used a satellite image from 3 September 2012,

indicating the number of camp inhabitants have likely doubled since that date. In addition, numerous areas of expansion are also visible in the image as of 15 November 2012, indicating preparations are underway to accommodate similarly increased numbers of refugees in the near future. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR/UNOSAT.

Refugee Camp

Production Date:  
23/11/2012

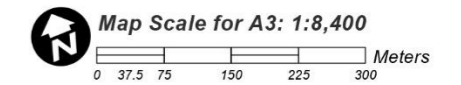
Version 1.0

Activation Number:  
CE20110704SYR



### LEGEND

- Camp infrastructure tents / buildings
- Shelter tents (as of 3 September 2012)
- Shelter tents (as of 15 November 2012)
- Total camp extent



Satellite Data (1): WorldView-1  
Imagery Dates: 15 November 2012  
Resolution: 50 cm  
Copyright: DigitalGlobe 2012  
Source: European Space Imaging  
Satellite Data (2): WorldView-2  
Imagery Dates: 3 September 2012  
Resolution: 50 cm  
Copyright: DigitalGlobe 2012  
Source: European Space Imaging  
Road Data: Google Map Maker / OSM / ESRI  
Other Data: USGS, UNCS, NASA, NGA  
Analysis: UNITAR / UNOSAT  
Production: UNITAR / UNOSAT  
Analysis conducted with ArcGIS v10

Coordinate System: WGS 1984 UTM Zone 37N  
Projection: Transverse Mercator  
Datum: WGS 1984  
Units: Meter

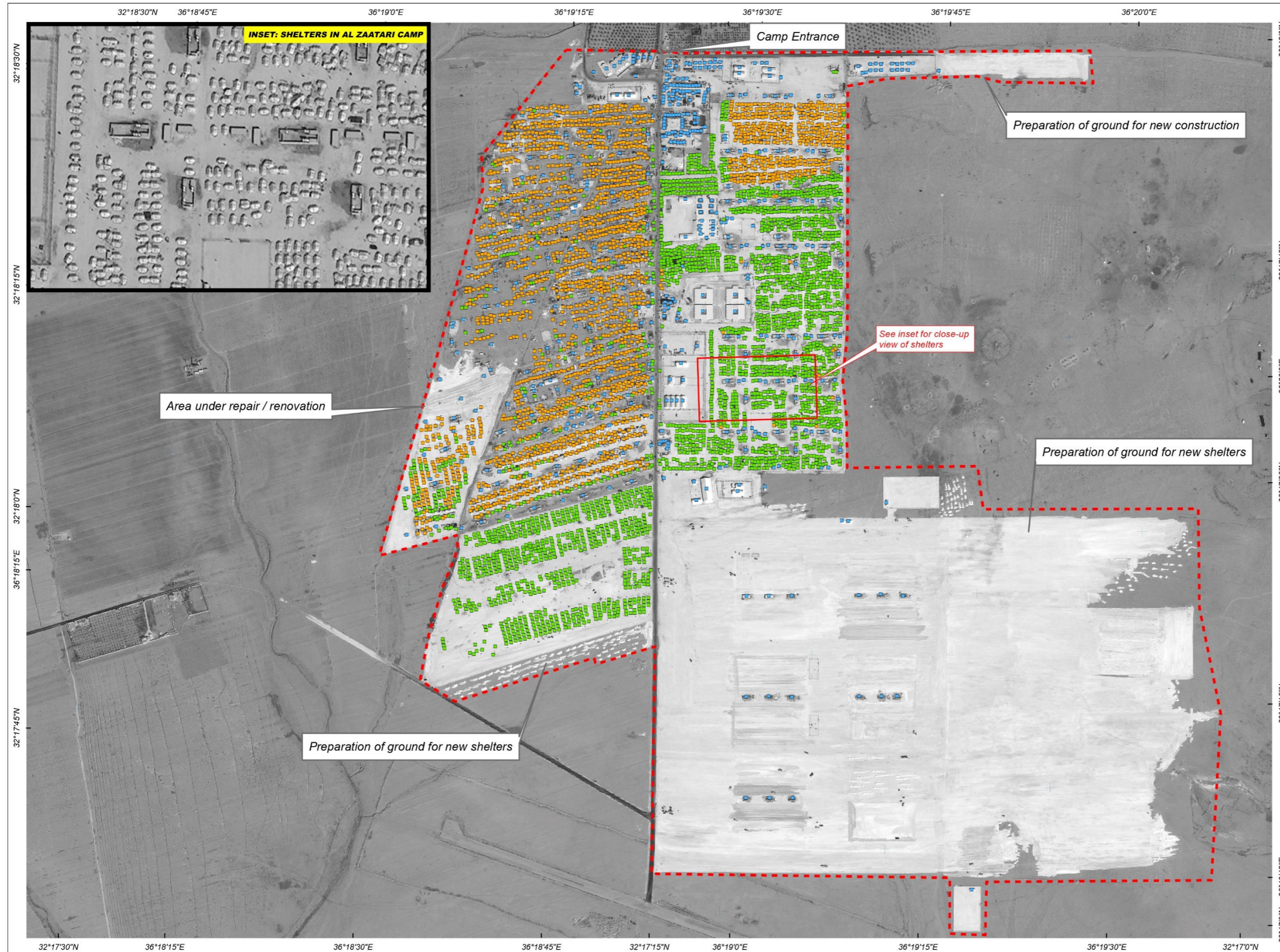
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# AL ZAATARI REFUGEE CAMP MAFRAQ GOVERNORATE, JORDAN

Analysis with WorldView-2 Data Acquired 3 January 2013 and WorldView-2 Data Acquired 15 November 2012

This map illustrates satellite-detected shelters and other buildings at the Al Zaatari refugee camp in Mafraq Governorate, Jordan. As of 3 January 2013 a total of 11,966 shelters were detected as well as 866 infrastructure and support buildings within the 314 hectares of the camp. The number of shelters has thus increased by about 6,803 since the previous UNITAR/UNOSAT assessment of the camp which used a satellite image from 15 November

2012, indicating the number of camp inhabitants have almost doubled since that date. In addition areas of expansion are also visible in the image as of 3 January 2013, indicating preparations are underway to accommodate similarly increased numbers of refugees in the near future. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR/UNOSAT.

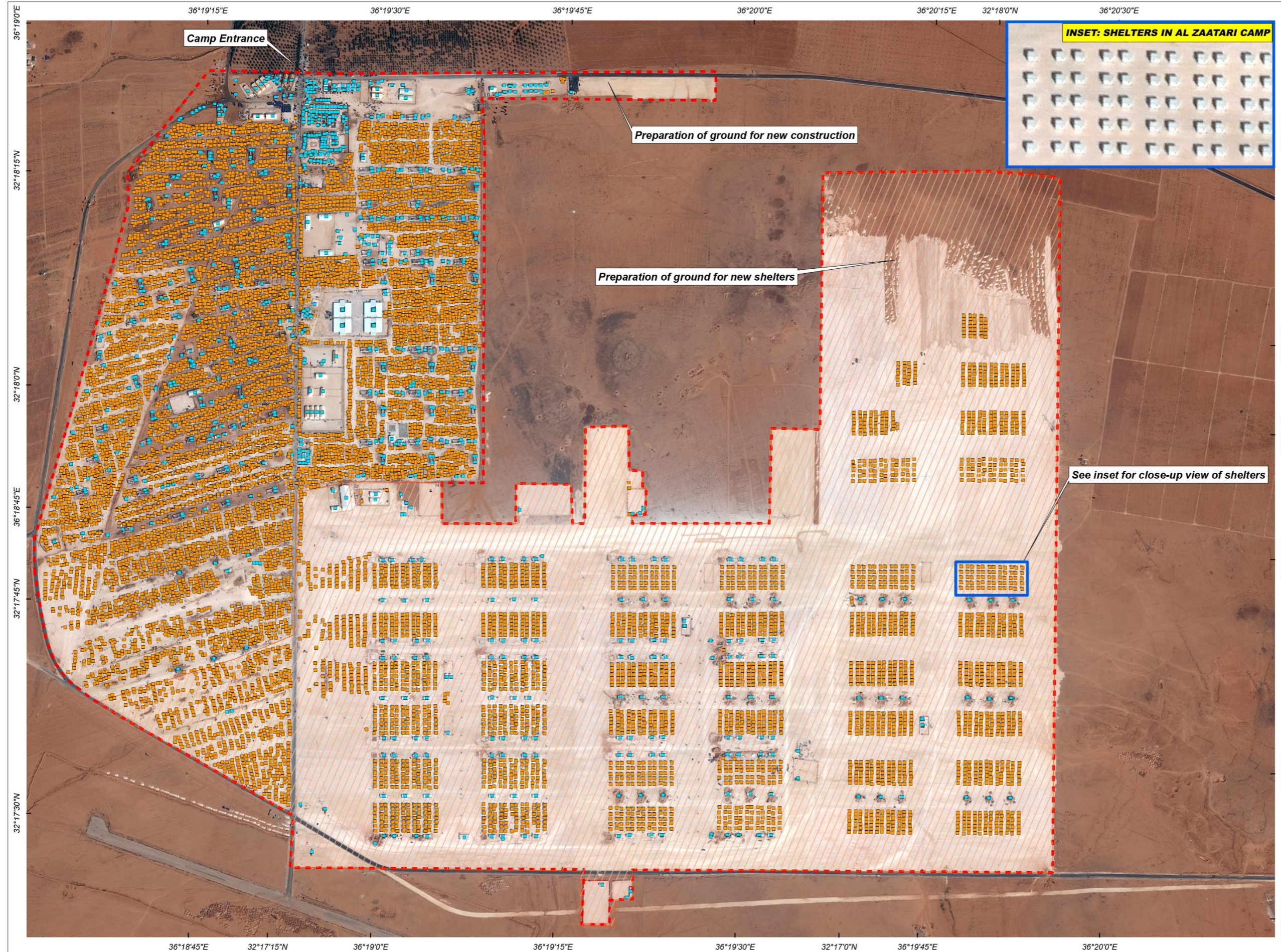
Refugee Camp

Production Date:  
15/01/2013

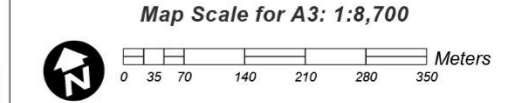


Version 1.0

Activation Number:  
CE-2011-0704-SYR



- LEGEND**
- Camp infrastructure tents / buildings
  - Shelter tents
  - Total camp extent
  - Expansion since 15 November 2012



Satellite Data (1): WorldView-2  
Imagery Dates: 3 January 2013  
Resolution: 50 cm  
Copyright: DigitalGlobe  
Source: European Space Imaging  
Satellite Data (2): WorldView-2  
Imagery Date: 15 November 2012  
Copyright: DigitalGlobe  
Source: European Space Imaging  
Analysis: UNITAR / UNOSAT  
Production: UNITAR / UNOSAT  
Analysis conducted with ArcGIS v10.1

Coordinate System: WGS 1984 UTM Zone 37N  
Projection: Transverse Mercator  
Datum: WGS 1984  
Units: Meter

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# UPDATE: AL ZAATARI REFUGEE CAMP MAFRAQ GOVERNORATE, JORDAN

Analysis with WorldView-2 Data Acquired 14 March 2013 and WorldView-2 Data Acquired 26 February 2013

This map illustrates satellite-detected shelters and other buildings at the Al Zaatari refugee camp in Mafraq Governorate, Jordan. As of 14 March 2013 a total of 26,242 shelters were detected as well as 1,182 infrastructure and support buildings within the 531.21 hectares of the camp. The number of shelters has thus increased by about 1,563 since the previous UNITAR/UNOSAT assessment of the camp which used a satellite image from 26 February 2013. This indicates a

6.3% increase in the number of shelters between 14 March 2013 and 26 February 2013. In addition areas of expansion are also visible in the image as of 14 March 2013, indicating preparations are underway to accommodate increased numbers of refugees in the near future. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR/UNOSAT.

Refugee Camp

Production Date:  
20/03/2013

Version 1.0

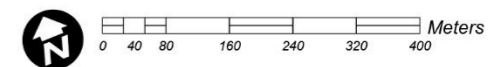
Activation Number:  
CE-2011-0704-SYR



## LEGEND

- Shelter tents (14 March 2013)
- Shelter tents (26 February 2013)
- Camp infrastructure tents / buildings
- Total Camp Extent

Map Scale for A3: 1:9,500



Satellite Data (1): WorldView-2  
Imagery Dates: 14 March 2013  
Resolution: 50 cm  
Copyright: DigitalGlobe  
Source: European Space Imaging  
Satellite Data (2): WorldView-2  
Imagery Dates: 26 February 2013  
Resolution: 50 cm  
Copyright: DigitalGlobe  
Source: European Space Imaging  
Analysis: UNITAR / UNOSAT  
Production: UNITAR / UNOSAT  
Analysis conducted with ArcGIS v10.1

Coordinate System: WGS 1984 UTM Zone 37N  
Projection: Transverse Mercator  
Datum: WGS 1984  
Units: Meter

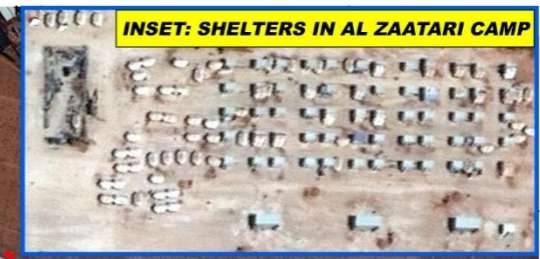
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# UPDATE: AL ZAATARI REFUGEE CAMP MAFRAQ GOVERNORATE, JORDAN

Analysis with WorldView-1 Data Acquired 21 May 2013 and 4 May 2013

This map illustrates satellite-detected shelters and other buildings at the Al Zaatari refugee camp in Mafraq Governorate, Jordan. As of 21 May 2013 a total of 28,848 shelters were detected as well as 1,638 infrastructure and support buildings within the 530.95 hectares of the camp. Between 4 May 2013 and 21 May 2013, a total of 3,204 shelters closed or were moved, and a total of 3,750 shelters were constructed, and the number of shelters has thus increased by about 605 since the previous UNITAR/UNOSAT assessment. This indicates

an approximate 2% increase in the number of shelters between 4 May and 21 May 2013. In addition areas of expansion are also visible in the image as of 21 May 2013, indicating preparations are underway to accommodate increased numbers of refugees in the near future. This is a preliminary analysis and has not yet been validated in the field; structure locations subject to a spatial error margin of +/- three meters. Please send ground feedback to UNITAR/UNOSAT.

Refugee Camp

Production Date:  
25/05/2013

Version 1.0

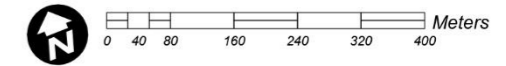
Activation Number:  
CE-2011-0704-SYR



## LEGEND

- Shelter structures (21 May 2013)
- Shelter structures (4 May 2013)
- Camp infrastructure buildings
- Total Camp Extent

Map Scale for A3: 1:9,500



Satellite Data (1): WorldView-1  
Imagery Dates: 21 May 2013  
Resolution: 50 cm  
Copyright: DigitalGlobe  
Source: European Space Imaging  
Satellite Data (2): WorldView-1  
Imagery Dates: 4 May 2013  
Resolution: 50 cm  
Copyright: DigitalGlobe  
Source: European Space Imaging  
Analysis: UNITAR / UNOSAT  
Production: UNITAR / UNOSAT  
Analysis conducted with ArcGIS v10.1

Coordinate System: WGS 1984 UTM Zone 37N  
Projection: Transverse Mercator  
Datum: WGS 1984  
Units: Meter

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### INSET: SHELTERS IN AL ZAATARI CAMP



Area of new shelters

See inset for close-up view of shelters

Preparation of ground for new construction

Area of new shelters



# UPDATE: AL ZAATARI REFUGEE CAMP, MAFRAQ GOVERNORATE, JORDAN

Analysis with WorldView-2 Data Acquired 7 January 2014 and WorldView-1 Data Acquired 30 September 2013

This map illustrates satellite-detected shelters and other buildings at the Al Zaatari refugee camp in Mafraq Governorate, Jordan. As of 7 January 2014 a total of 28,093 shelters were detected as well as 1,735 infrastructure and support buildings within the 531.8 hectares of the camp. Between 30 September 2013 and 7 January 2014, a total of 4,982 shelters closed or were moved, and a total of 6,868 shelters were constructed, and the number of shelters has thus increased by about 2,171 since the previous

UNITAR/UNOSAT assessment. This indicates an approximate 8.4% increase in the number of shelters between 30 September 2013 and 7 January 2014. This is a preliminary analysis and has not yet been validated in the field; structure locations subject to a spatial error margin of +/- three meters. Shelters grouped under plastic sheeting were estimated by average household size and may be a source of error. Please send ground feedback to UNITAR/UNOSAT.

Refugee Camp

Production Date:  
03/02/2014

Version 1.0

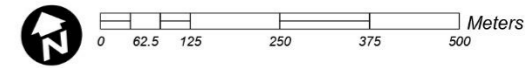
Activation Number:  
CE-2013-0604-SYR



## LEGEND

- Shelter structure (7 January 2014)
- Shelter structure (30 September 2013)
- Camp infrastructure building
- Total Camp Extent
- District Boundary

Map Scale for A3: 1:10,500



Satellite Data (1): WorldView-2  
Imagery Dates: 7 January 2014  
Resolution: 50 cm  
Copyright: DigitalGlobe  
Source: US Department of State, Humanitarian Information Unit, NextView License  
Satellite Data (2): WorldView-1  
Imagery Dates: 30 September 2013  
Resolution: 50 cm  
Copyright: DigitalGlobe  
Source: European Space Imaging  
Analysis: UNITAR / UNOSAT  
Production: UNITAR / UNOSAT  
Analysis conducted with ArcGIS v10.1

Coordinate System: WGS 1984 UTM Zone 37N  
Projection: Transverse Mercator  
Datum: WGS 1984  
Units: Meter

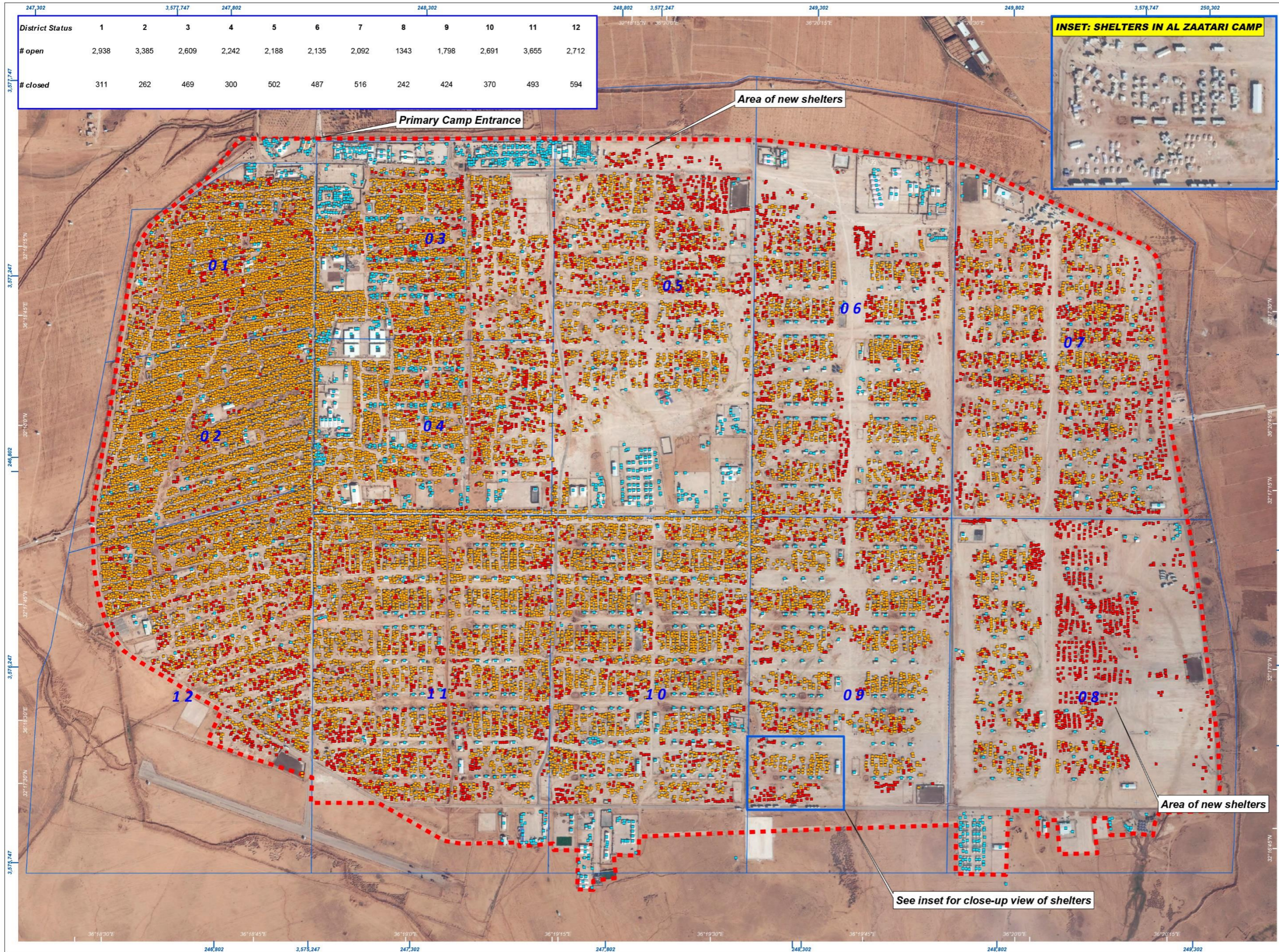
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District Status	1	2	3	4	5	6	7	8	9	10	11	12
# open	2,938	3,385	2,609	2,242	2,188	2,135	2,092	1,343	1,798	2,691	3,655	2,712
# closed	311	262	469	300	502	487	516	242	424	370	493	594



# UPDATE: AL ZAATARI REFUGEE CAMP, MAFRAQ GOVERNORATE, JORDAN

Analysis with Pleiades Data Acquired 06 April 2014 and WorldView-2 Data Acquired 07 January 2014

This map illustrates satellite-detected shelters and other buildings at the Al Zaatari refugee camp in Mafraq Governorate, Jordan. As of 06 April 2014 a total of 31,280 shelters were detected as well as 1,796 infrastructure and support buildings within the 534.4 hectares of the camp. Between 07 January 2014 and 06 April 2014, a total of 3,443 shelters closed or were moved, and a total of 6,700 shelters were constructed, and the number of shelters has thus increased by about 3,257 since the previous

UNITAR/UNOSAT assessment. This indicates an approximate 4.5% increase in the number of shelters between 07 January 2014 and 06 April 2014. This is a preliminary analysis and has not yet been validated in the field; structure locations subject to a spatial error margin of +/- three meters. Shelters grouped under plastic sheeting were estimated by average household size and may be a source of error. Please send ground feedback to UNITAR/UNOSAT.

Refugee Camp

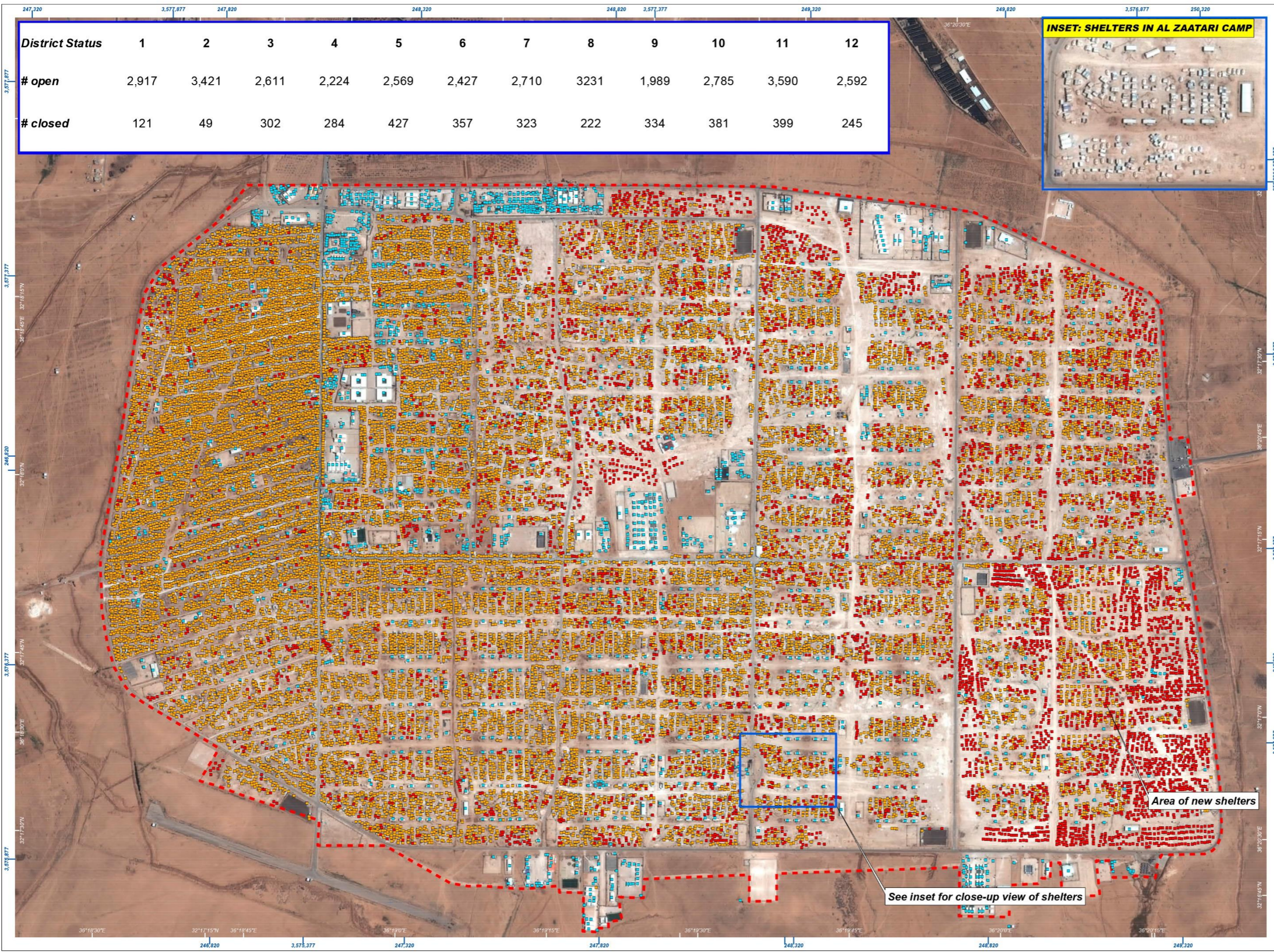
Production Date: 01/05/2014

Version 1.0

Activation Number: CE-2013-0604-SYR



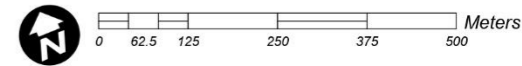
District Status	1	2	3	4	5	6	7	8	9	10	11	12
# open	2,917	3,421	2,611	2,224	2,569	2,427	2,710	3231	1,989	2,785	3,590	2,592
# closed	121	49	302	284	427	357	323	222	334	381	399	245



## LEGEND

- Shelter structure (06 April 2014)
- Shelter structure (07 January 2014)
- Camp infrastructure building
- Total Camp Extent
- District Boundary

Map Scale for A3: 1:10,500



Satellite Data (1): Pleiades  
 Imagery Dates: 06 April 2014  
 Resolution: 50 cm  
 Copyright: Airbus Defense and Space  
 Source: Airbus Defense and Space  
 Satellite Data (2): WorldView-2  
 Imagery Dates: 7 January 2014  
 Resolution: 50 cm  
 Copyright: DigitalGlobe  
 Source: US Department of State, Humanitarian Information Unit, NextView License  
 Analysis: UNITAR / UNOSAT  
 Production: UNITAR / UNOSAT  
 Analysis conducted with ArcGIS v10.1

Coordinate System: WGS 1984 UTM Zone 37N  
 Projection: Transverse Mercator  
 Datum: WGS 1984  
 Units: Meter

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# UPDATE: AL ZAATARI REFUGEE CAMP, MAFRAQ GOVERNORATE, JORDAN

Analysis with Pleiades Data Acquired 12 October 2015 & Pleiades Data Acquired 26 April 2015

This map illustrates satellite-detected shelters and other buildings at the Al Zaatari refugee camp in Mafraq Governorate, Jordan. As of 12 October 2015 a total of 26,963 shelters were detected as well as 2,130 infrastructure and support buildings within the 534.4 hectares of the camp. Between 26 April 2015 and 12 October 2015, a total of 4,310 shelters closed or were moved, and a total of 2,296 shelters were constructed, and the number of shelters has thus decreased by about

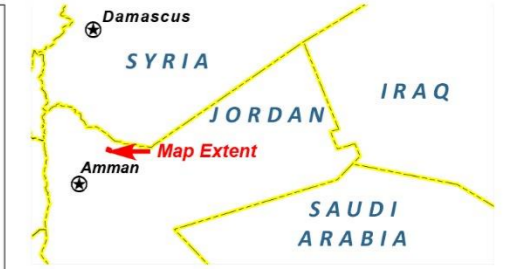
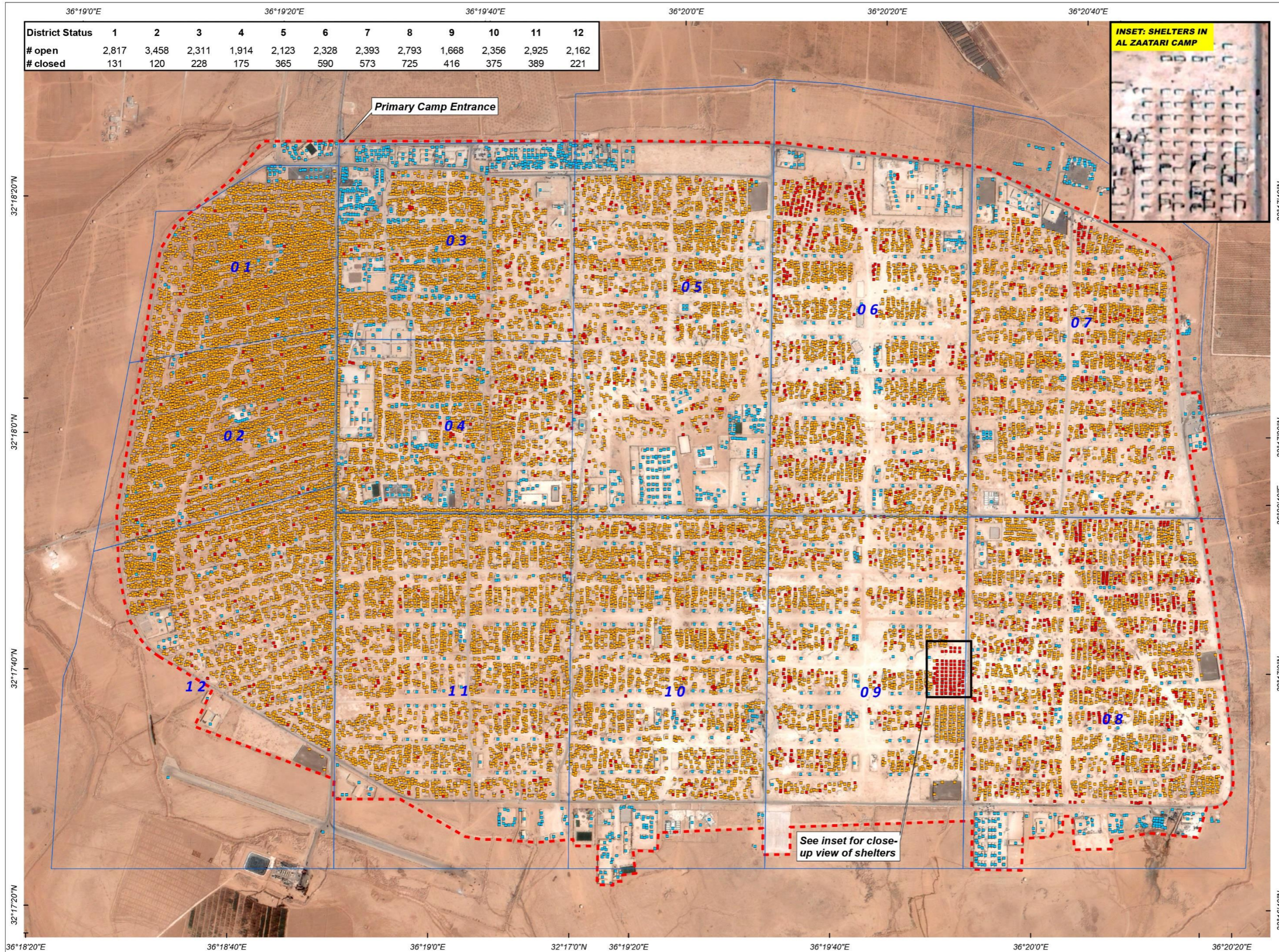
2,268 since the previous UNITAR-UNOSAT assessment. This indicates an approximate 7.76% decrease in the number of shelters between 26 April 2015 and 12 October 2015. This is a preliminary analysis and has not yet been validated in the field; structure locations subject to a spatial error margin of +/- three meters. Shelters grouped under plastic sheeting were estimated by average household size and may be a source of error. Please send ground feedback to UNITAR-UNOSAT.

Refugee Camp

Production Date: 08/12/2015

Version 1.0

Activation Number: CE20130604SYR



**LEGEND**

- Shelter Structure (12 October 2015)
- Shelter Structure (26 April 2015)
- Camp Infrastructure Building
- Total Camp Extent
- District Boundary

Map Scale for A3: 1:10,500

0 100 200 300 400 500 Meters

Satellite Data (1): Pleiades  
 Imagery Dates: 12 October 2015  
 Resolution: 50 cm  
 Copyright: Copyright CNES 2015 - Distribution Astrium Services / Spot Image  
 Source: Airbus Defence and Space  
 Satellite Data (2): Pleiades  
 Imagery Dates: 26 April 2015  
 Resolution: 50 cm  
 Copyright: CNES 2015 - Distribution Astrium Services / Spot Image  
 Source: Airbus Defence and Space  
 Road Data : Google Map Maker / OSM / ESRI  
 Other Data : USGS, UNCS, NASA, NGA  
 Analysis : UNITAR / UNOSAT  
 Production : UNITAR / UNOSAT  
 Analysis conducted with ArcGIS v10.1

Coordinate System: WGS 1984 UTM Zone 37N  
 Projection: Transverse Mercator  
 Datum: WGS 1984  
 Units: Meter

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# UPDATE: AL ZAATARI REFUGEE CAMP, MAFRAQ GOVERNORATE, JORDAN

Analysis with WordView-3 Data 30 June 2016 & Pleiades Data Acquired 12 October 2015

This map illustrates satellite-detected shelters and other buildings at the Al Zaatari refugee camp in Mafraq Governorate, Jordan. As of 30 June 2016 a total of 25,815 shelters were detected as well as 1,879 infrastructure and support buildings within the 534 hectares of the camp. Between 12 October 2015 and 30 June 2016 a total of 2,568 shelters were constructed, with even more removed, indicating an approximate 4.26% decrease in the number of shelters between 12

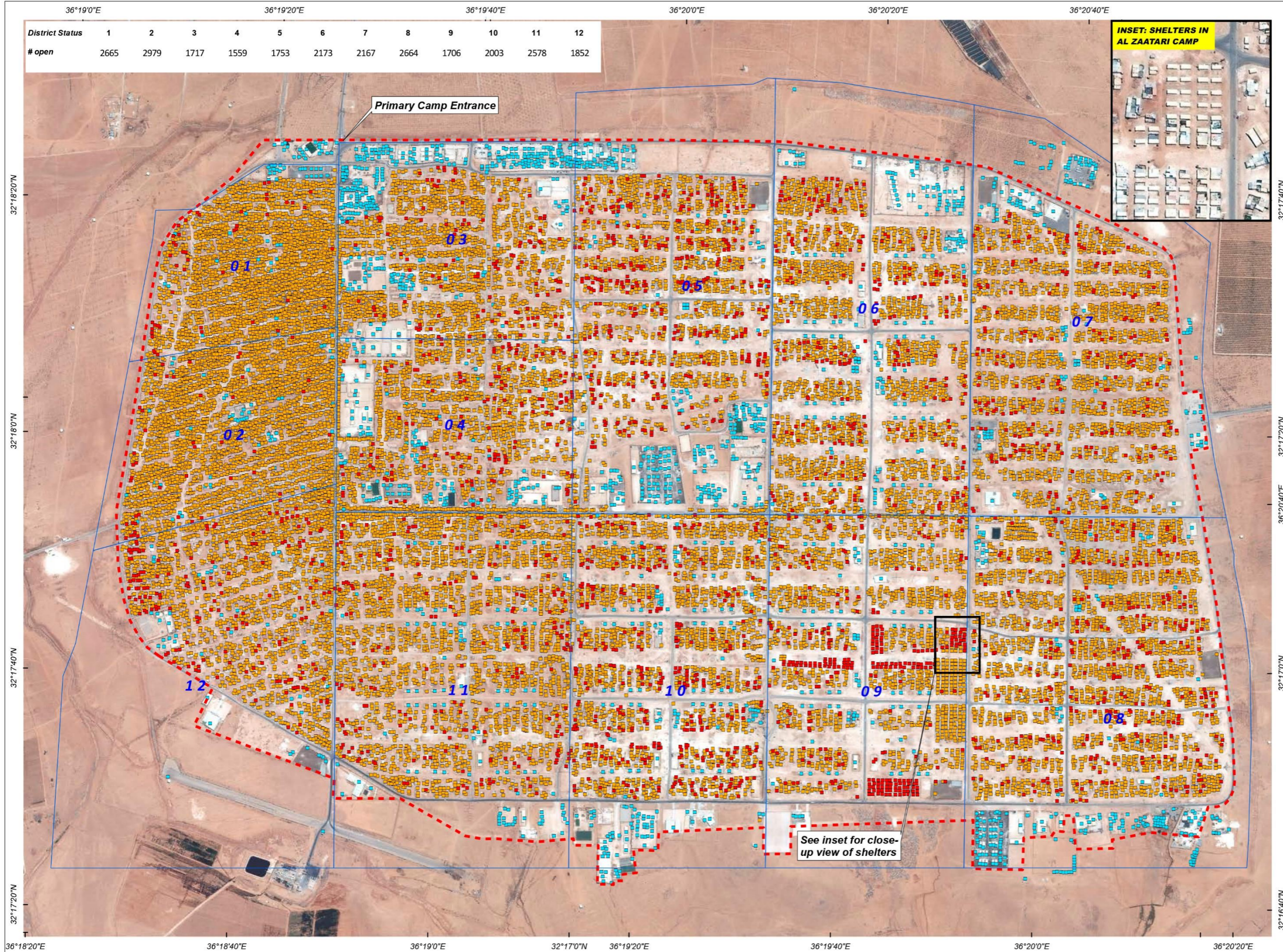
October 2015 and 30 June 2016. This is a preliminary analysis and has not yet been validated in the field; structure locations subject to a spatial error margin of +/- three meters. Shelters grouped under plastic sheeting were estimated by average household size and may be a source of error. Please send ground feedback to UNITAR-UNOSAT.

Refugee Camp

Production Date:  
8/19/2016

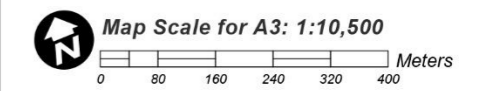
Version 1.1

Activation Number:  
CE20130604SYR



**LEGEND**

- Shelter Structure (30 June 2016)
- Shelter Structure (12 October 2015)
- Camp Infrastructure Building
- District Boundary
- Total Camp Extent



Satellite Data (1): WorldView-3  
Imagery Dates: 30 June 2016  
Resolution: 40 cm  
Copyright: DigitalGlobe  
Source: US Department of State, Humanitarian Information Unit, NextView License  
Satellite Data (2): Pleiades  
Imagery Dates: 12 October 2015  
Resolution: 50 cm  
Copyright: CNES 2015 - Distribution Astrium Services / Spot Image  
Source: Airbus Defense and Space  
Road Data : Google Map Maker / OSM / ESRI  
Other Data: USGS, UNCS, NASA, NGA  
Analysis : UNITAR / UNOSAT  
Production: UNITAR / UNOSAT  
Analysis conducted with ArcGIS v10.3

Coordinate System: WGS 1984 UTM Zone 37N  
Projection: Transverse Mercator  
Datum: WGS 1984  
Units: Meter

The depiction and use of boundaries, geographic names and related data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations. UNOSAT is a program of the United Nations Institute for Training and Research (UNITAR), providing satellite imagery and related geographic information, research and analysis to UN humanitarian and development agencies and their implementing partners.

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## UNOSAT

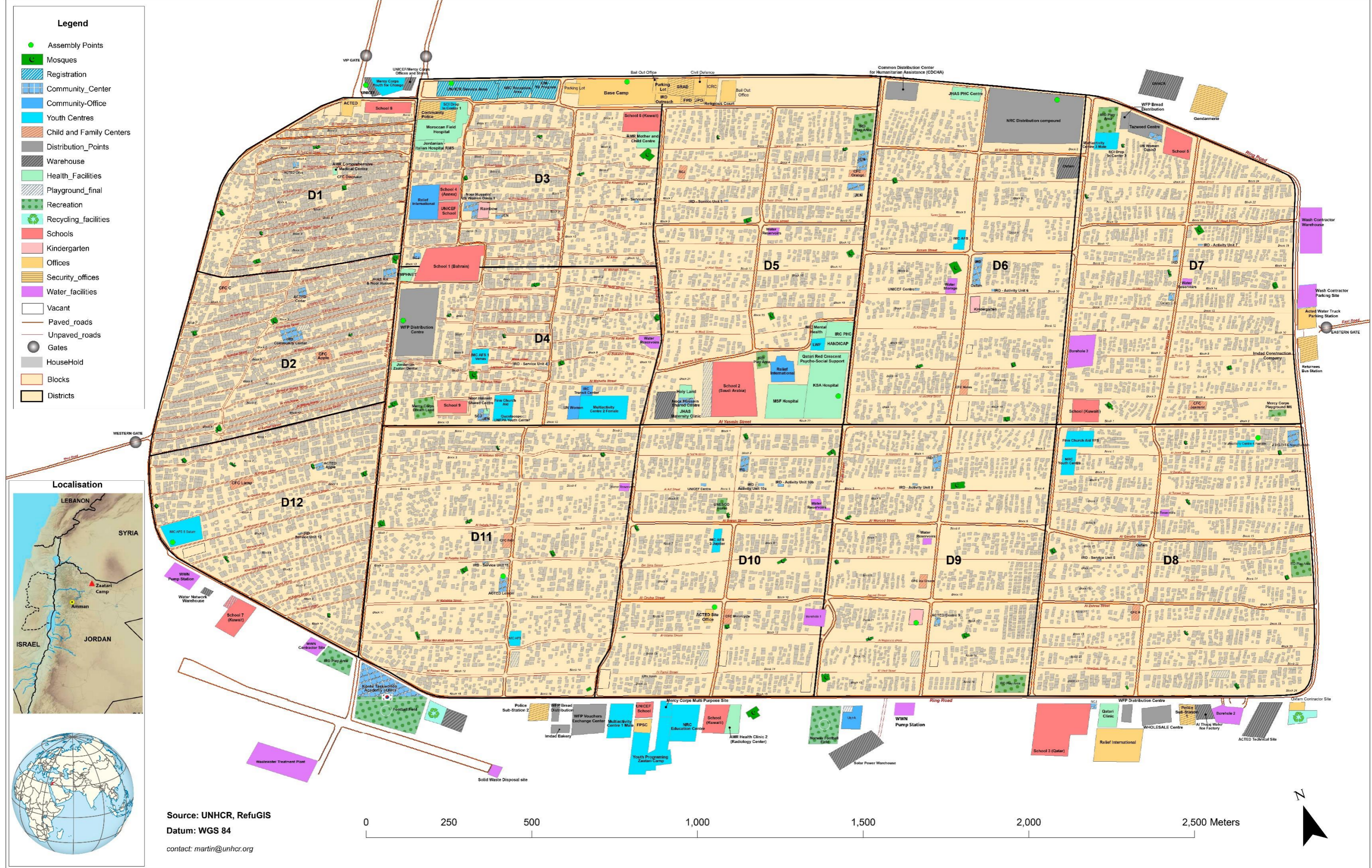
Contact Information: [unosat@unitar.org](mailto:unosat@unitar.org)  
24/7 Hotline: +41 75 411 4998  
[www.unitar.org/unosat](http://www.unitar.org/unosat)



# JORDAN

## Al Za'atari Refugee Camp - General Infrastructure Map

as of 06/04/2017





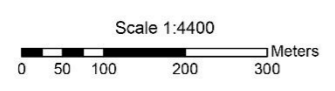
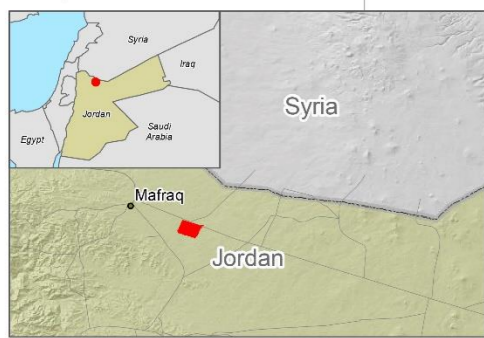


- Camp Facilities
- Under Construction
- Paved Road
- Unpaved Road
- Blocks
- District Boundaries
- Street Names
- Block 1
- Mosque
- WASH Centre



Data Source:  
UNHCR site planning: Street and Block names  
Camp Facilities: UNHCR, UNICEF  
Projection: Palestine 1923 Palestine Grid  
File: JOR\_Zaatari\_Map\_BlocksInfrastructure\_March2016

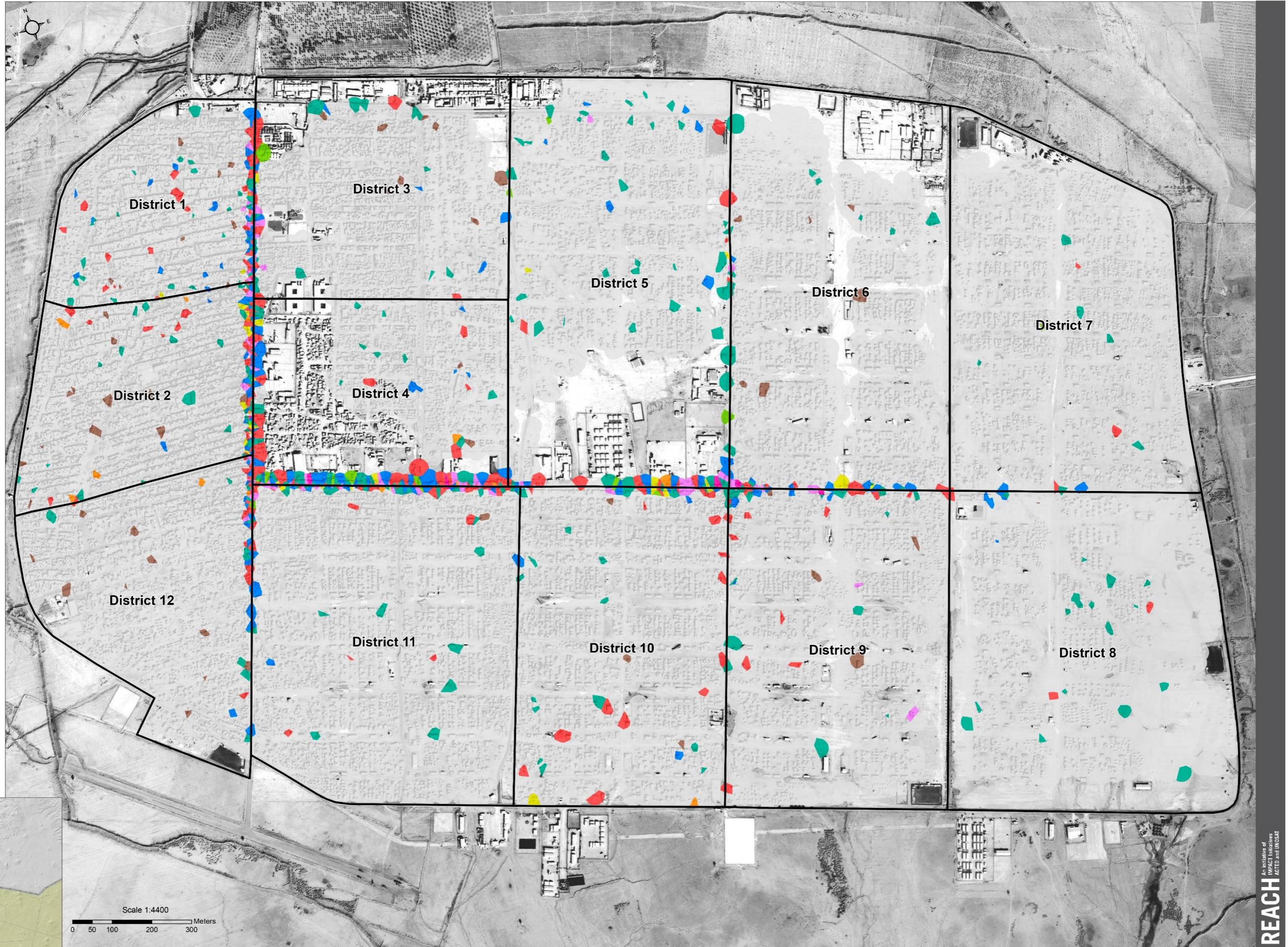
Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by partners, associates or donors mentioned on this map.







- Supermarket or Minimarket
- Grocery Shop
- Clothes Shop
- Other Type of Shop
- Bakery
- Butcher
- Restaurant
- Other Businesses
- Business and Home
- Home



Thematic data: REACH,  
19 February 2014 - 11 March 2014

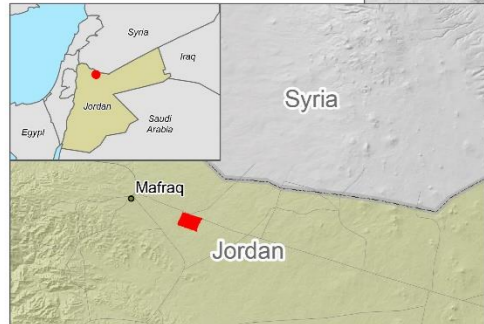
Satellite Acquisition Date:  
14/01/2014 by Digitalglobe  
Provided by: UNOSAT

Projection: WGS 1984 UTM Zone 37N

File: JOR\_Zaatari\_CCM\_Businesses  
\_04MAY2014\_A1

Contact: reach.mena@impact-initiatives.org

Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates or donors mentioned on this map.



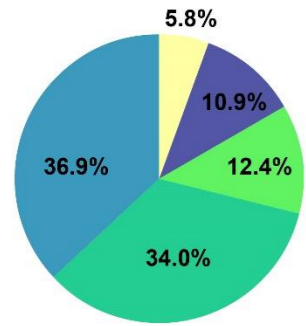
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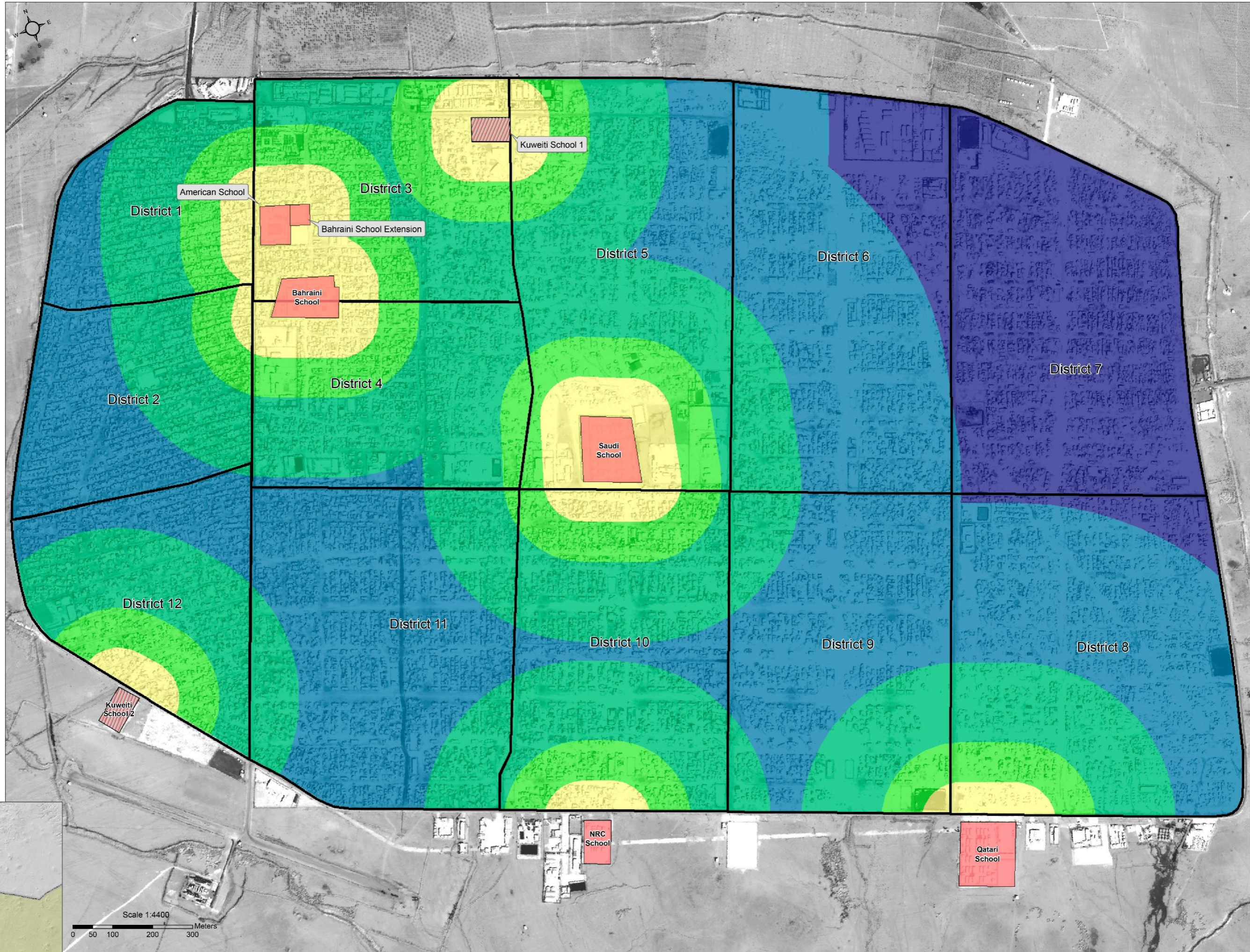
**Distance to school and number of school-aged children (6-17) within each range**

0-99 m	1,554 people
100-199 m	3,340 people
200-399 m	9,165 people
400-799 m	9,943 people
800+ m	2,920 people



**47.8% of school-aged children (6-17) live over 400m from the nearest school**

- Under construction
- Schools
- District Boundary



**Data Source:**  
Camp Facilities/Population data - REACH  
Dec 2014-Jan 2015  
Camp Boundaries - UNHCR

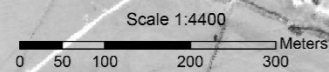
**Satellite Acquisition Date:**  
11/11/2014 by Digitalglobe  
Provided by: UNOSAT

**Projection:** WGS 1984 UTM Zone 37N

**File:** REACH\_JOR\_Map\_Zaatari\_EDU\_DistSchool\_8Feb2015\_A1

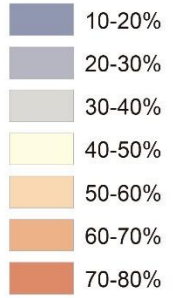
**Contact:** reach.mena@impact-initiatives.org

**Note:** Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates or donors mentioned on this map.

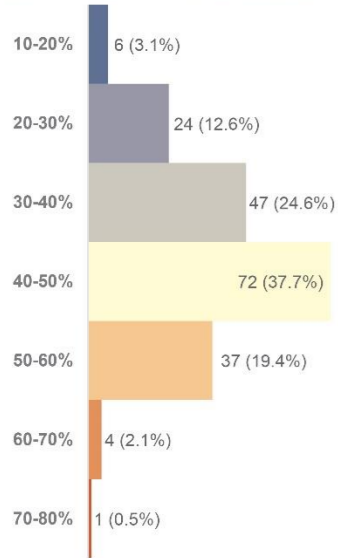




### Households with at Least 1 Child Not Currently Enrolled (by Block)



### Distribution of blocks according to the percentage of households with at least 1 child not enrolled



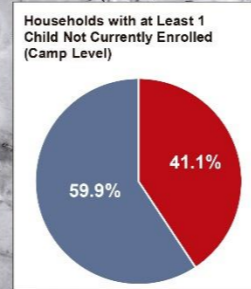
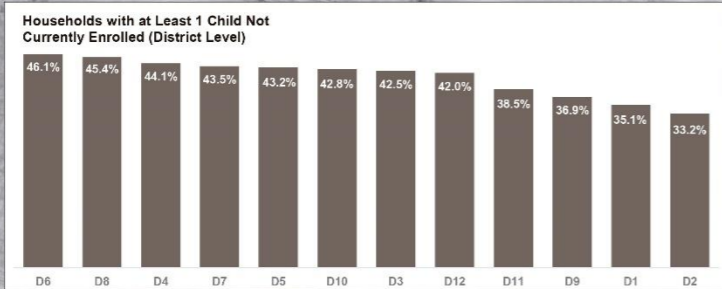
Data Sources:  
Population Data - UNICEF / REACH  
Camp Boundaries - UNHCR

Satellite Acquisition Date:  
12/10/2015 by Pleiades - Copyright CNES  
2015 - Distribution Astrium Services / Spot Image  
Provided by: UNOSAT

Projection: WGS 1984 UTM Zone 37N

File: REACH\_JOR\_Map\_Zaatari\_MOV\_School\_Attendance\_Dec2015\_A1

Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by partners, associates or donors mentioned on this map.

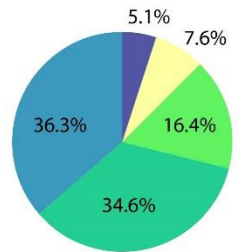






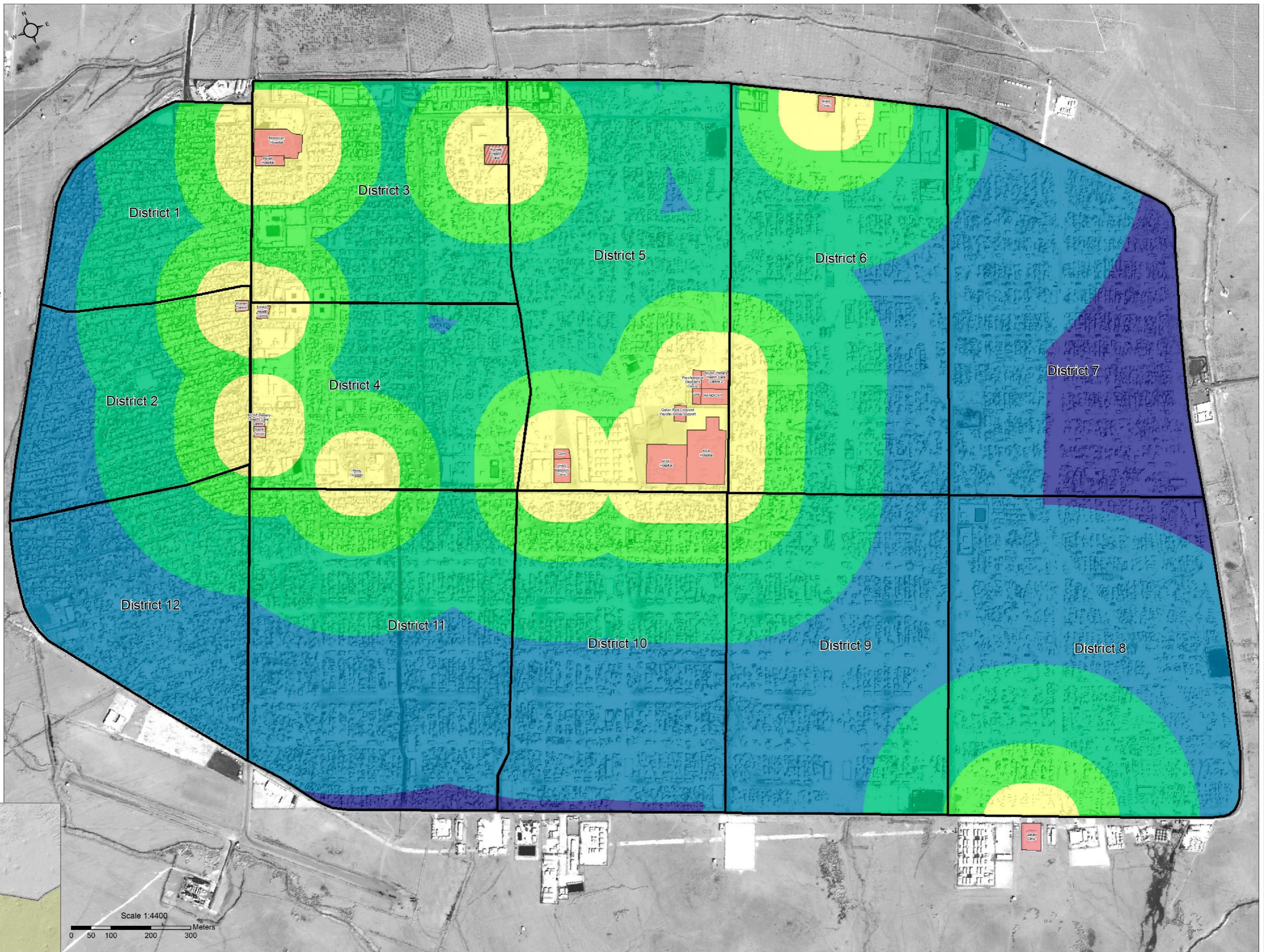
Distance to any health facility and population within each range

Distance Range (m)	Population
0-99 m	5,932 people
100-199 m	12,813 people
200-399 m	27,011 people
400-799 m	28,330 people
800+ m	4,000 people



41.4% of Za'atari residents live more than 400m from a health facility

- Health Facilities
- Under construction
- District Boundary



**Data Source:**  
Camp Facilities/Population data - REACH  
Dec 2014-Jan 2015  
Camp Boundaries - UNHCR

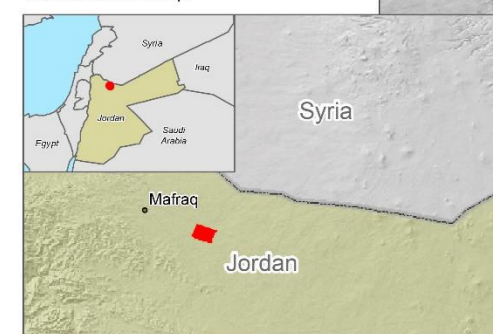
**Satellite Acquisition Date:**  
11/11/2014 by Digitalglobe  
Provided by: UNOSAT

**Projection:** WGS 1984 UTM Zone 37N

**File:** REACH\_JOR\_Map\_Zaatari\_HEA\_DistHealth\_10Feb2015\_A1

**Contact:** reach.mena@impact-initiatives.org

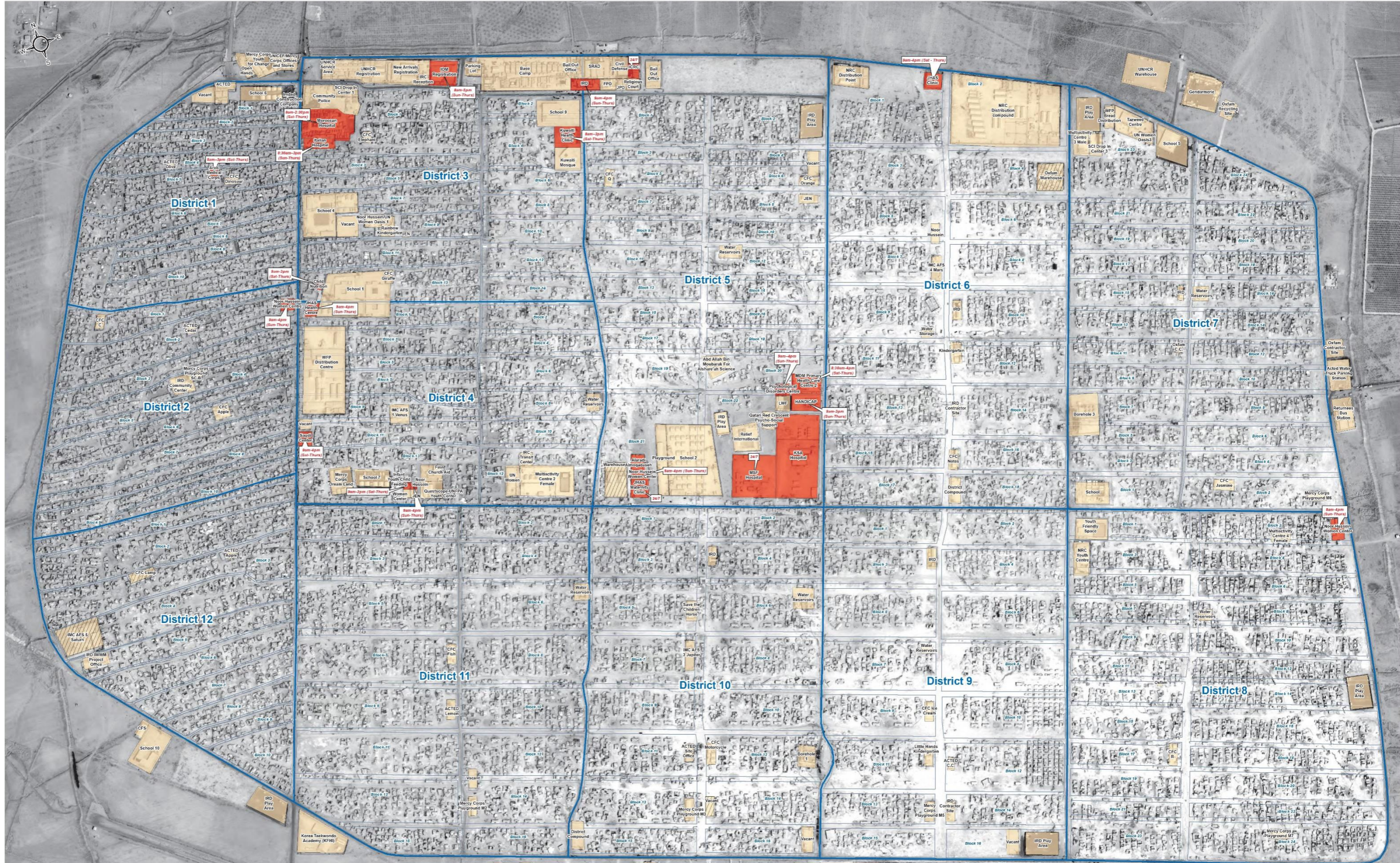
**Note:** Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates or donors mentioned on this map.







- Health Facilities
- Other Facilities
- District Boundary
- Block Boundary



Data Source:  
Camp Facilities: UNHCR, UNICEF

Satellite Acquisition Date:  
12/10/2015 by Pleiades - Copyright CNES  
2015 - Distribution Astrum Services / Spot Image

Provided by: UNOSAT

Projection: WGS 1984 UTM Zone 37N

File: REACH\_JOR\_Map\_Zaatari\_CCM\_Health\_Maps\_Dec2015\_A1

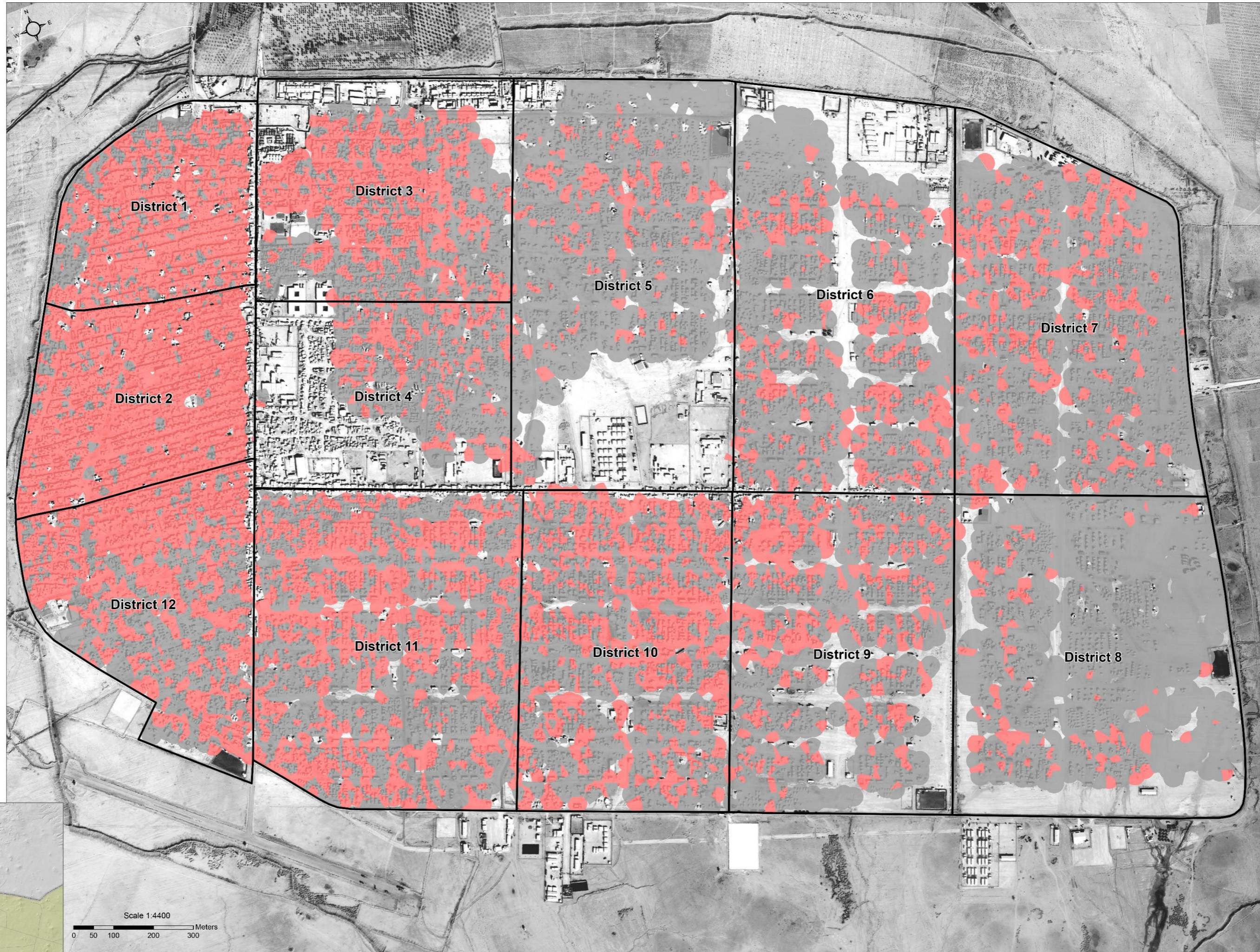
Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by partners, associates or donors mentioned on this map.







- Toilets Reported in Household
- No Toilets Reported in Household



Thematic data: REACH,  
19 February 2014 -11 March 2014

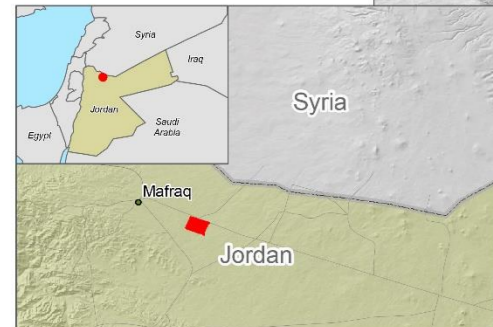
Satellite Acquisition Date:  
14/01/2014 by Digitalglobe  
Provided by: UNOSAT

Projection: WGS 1984 UTM Zone 37N

File: JOR\_Zaatari\_WASH\_Toilets\_04MAY2014\_A1

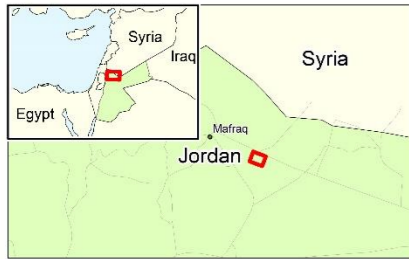
Contact: reach.mena@impact-initiatives.org

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Scale 1:4400  
0 50 100 200 300 Meters





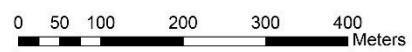
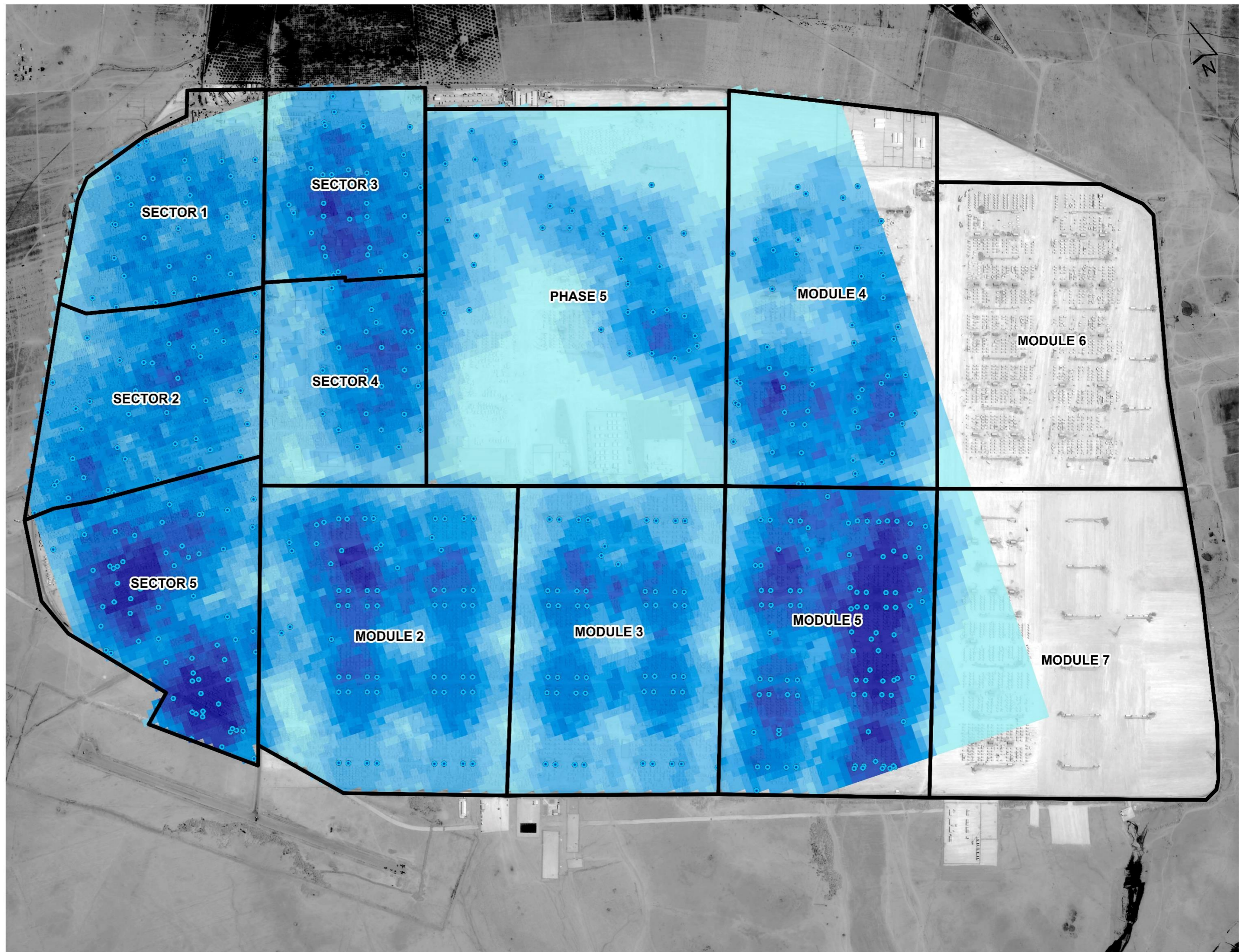
**Legend**

- ▭ Sector or module boundaries
- WASH centre or waterpoint

**Waterpoint density**

High

Low



Projection: WGS 1984 UTM Zone 37N  
 Thematic data: ACTED / REACH - last update March 2013  
 Satellite Imagery: 01/04/2013 by Astrium Services / Spot Image  
 Contact: reach.mapping@impact-initiatives.org  
 Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates or donors mentioned on this map.

**A product of**

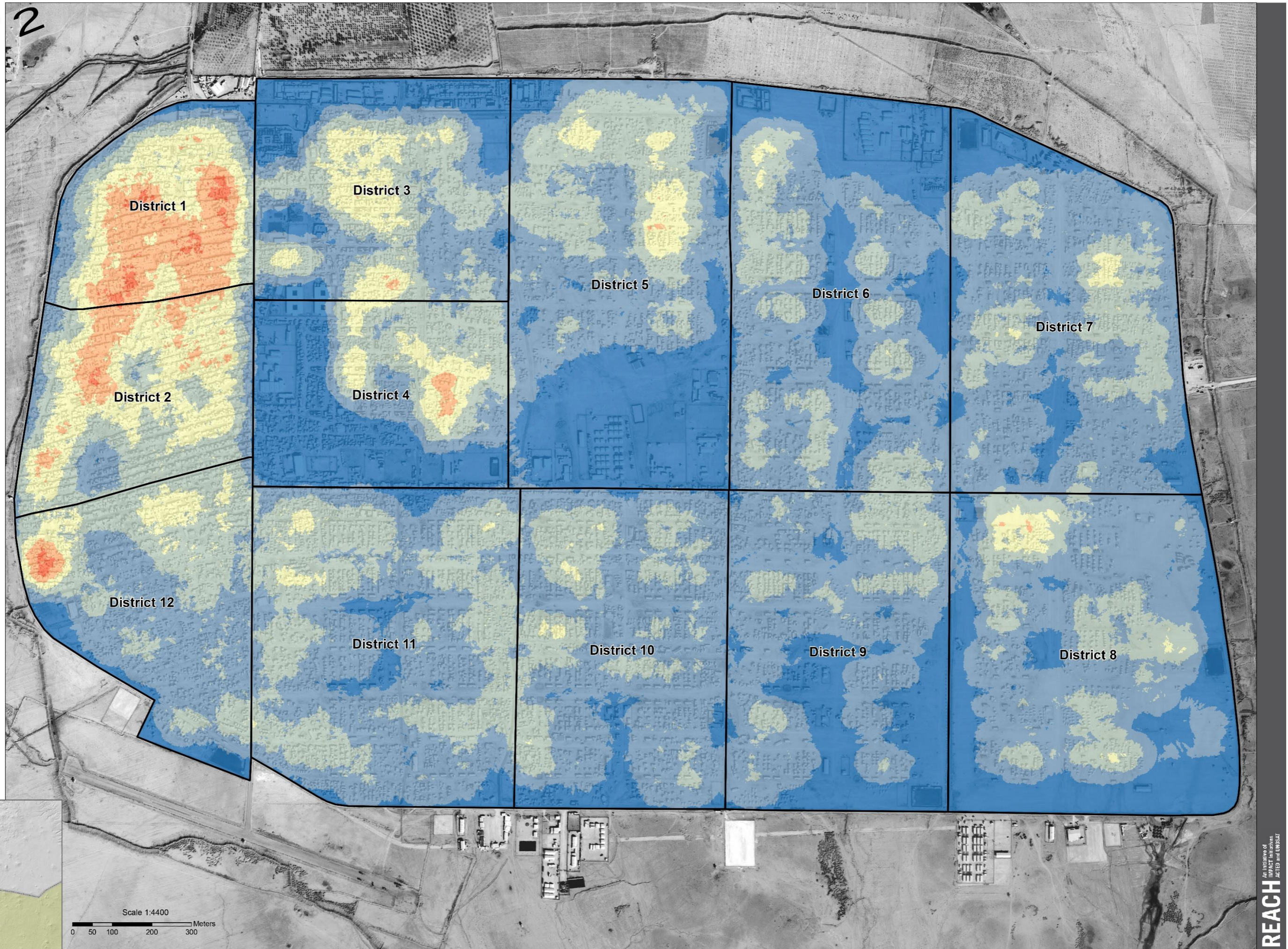
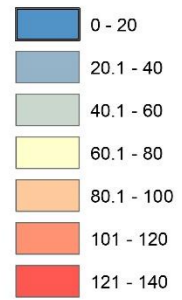
**REACH** Informing more effective humanitarian action

In partnership with





Family Density per Hectare



Thematic data: REACH,  
19 February 2014 - 11 March 2014

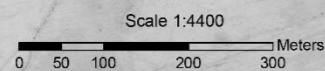
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Projection: WGS 1984 UTM Zone 37N

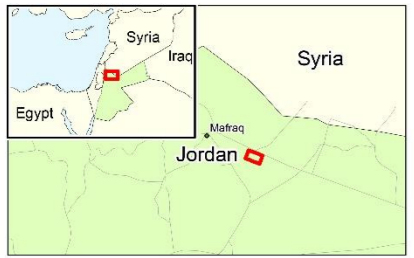
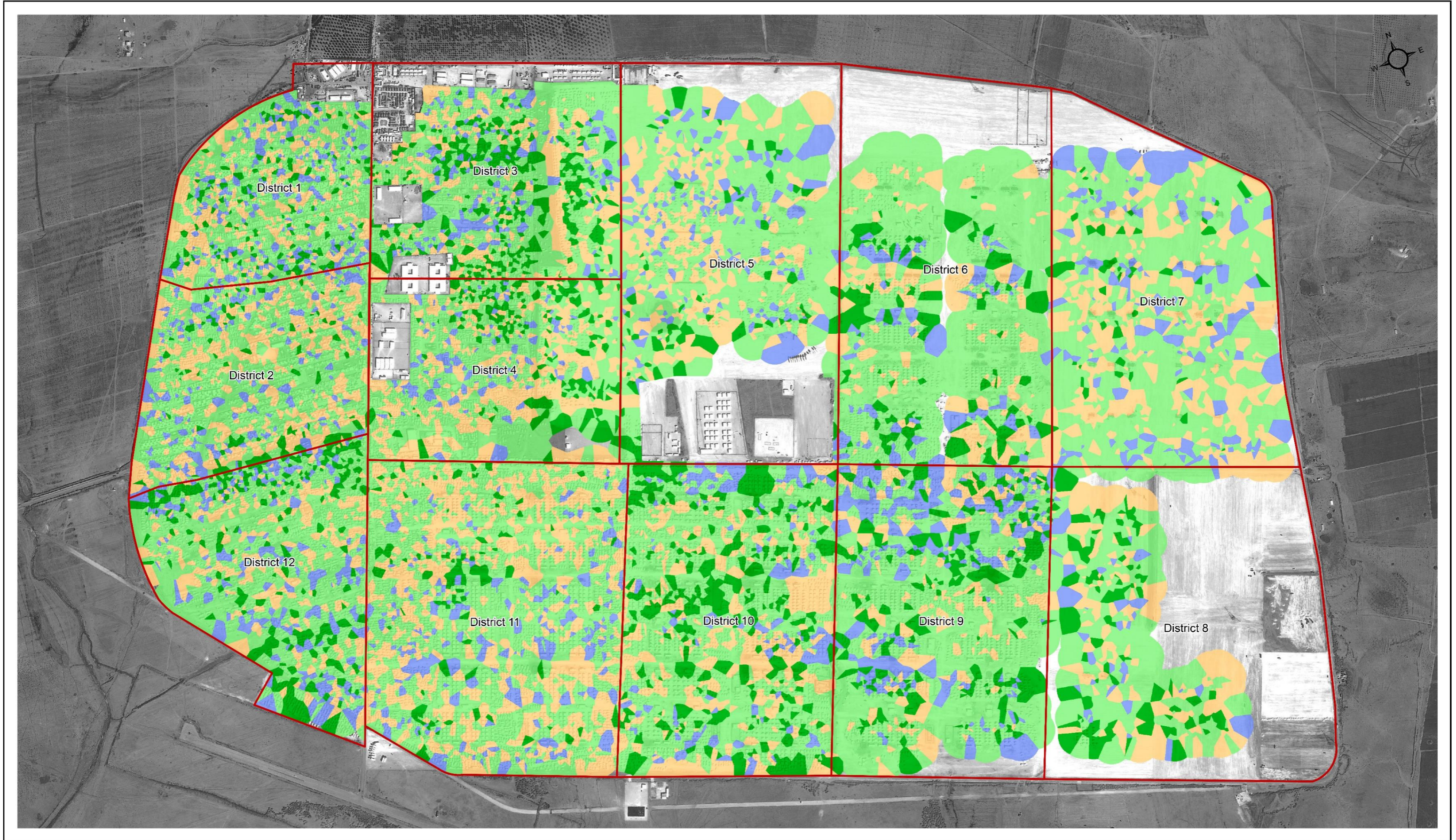
File: JOR\_Zaatari\_MOV\_FamilyDensity\_22APR2014\_A1

Contact: reach.mena@impact-initiatives.org

Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates or donors mentioned on this map.







**Whom would you ideally put your shelter next to?**

- People of the same ashira
- People of the same fakhtn
- People originating from the same place in Syria
- People living in the same place at the moment of leaving

SOURCE: Full camp sweep.  
 Population recorded:  
 Individuals: 116492  
 Families: 24493  
 Caravans: 15307  
 Tents: 11637  
 DATA COLLECTION: 20/MAY/2013 - 30/MAY/2013

0 50 100 200 300 400 Meters

Projection: WGS 1984 UTM Zone 37N  
 Thematic data: ACTED / REACH - last update June 2013  
 Satellite Imagery: 13/05/2013 by Digitalglobe  
 Contact: reach.mapping@impact-initiatives.org

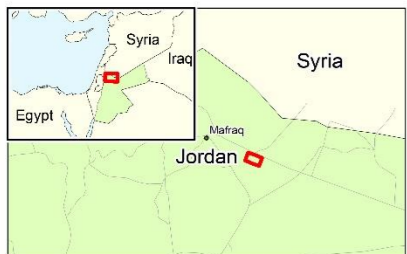
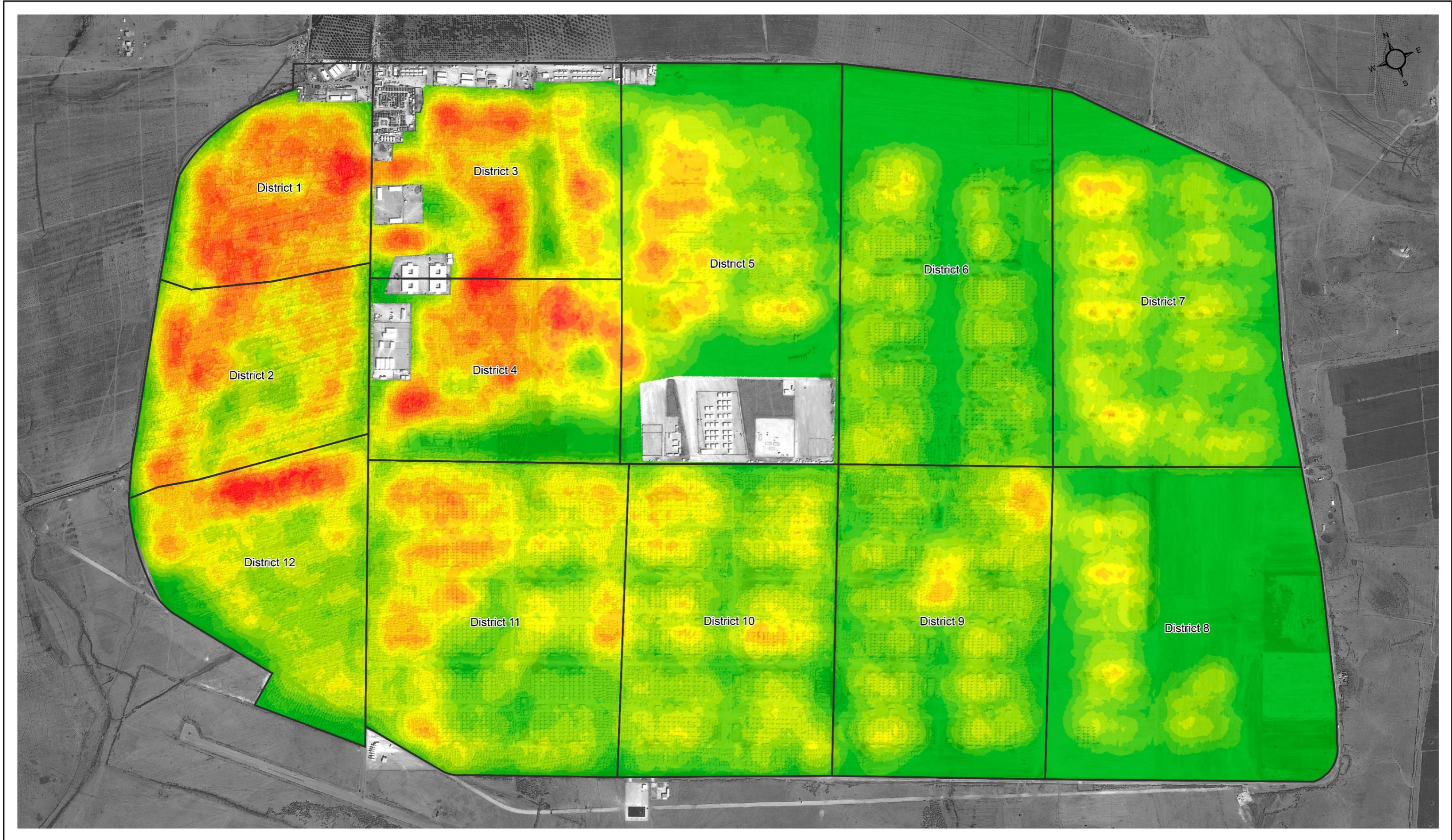
Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates or donors mentioned on this map.

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An Initiative of ACTED, IMPACT Initiatives and UNOSAT





SOURCE: Full camp sweep.  
 Population recorded:  
 Individuals: 116492  
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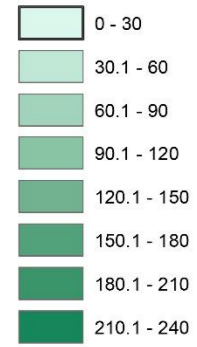
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 Projection: WGS 1984 UTM Zone 37N  
 Thematic data: ACTED / REACH - last update June 2013  
 Satellite Imagery: 13/05/2013 by Digitalglobe  
 Contact: reach.mapping@impact-initiatives.org  
 Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates or donors mentioned on this map.

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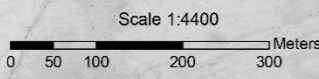


**Caravan Density per Hectare**



Thematic data: REACH, 19 February 2014 -11 March 2014  
 Satellite Acquisition Date: 14/01/2014 by Digitalglobe  
 Provided by: UNOSAT  
 Projection: WGS 1984 UTM Zone 37N  
 File: JOR\_Zaatari\_CCM\_CaravanDensity\_23APR2014\_A1  
 Contact: reach.mena@impact-initiatives.org

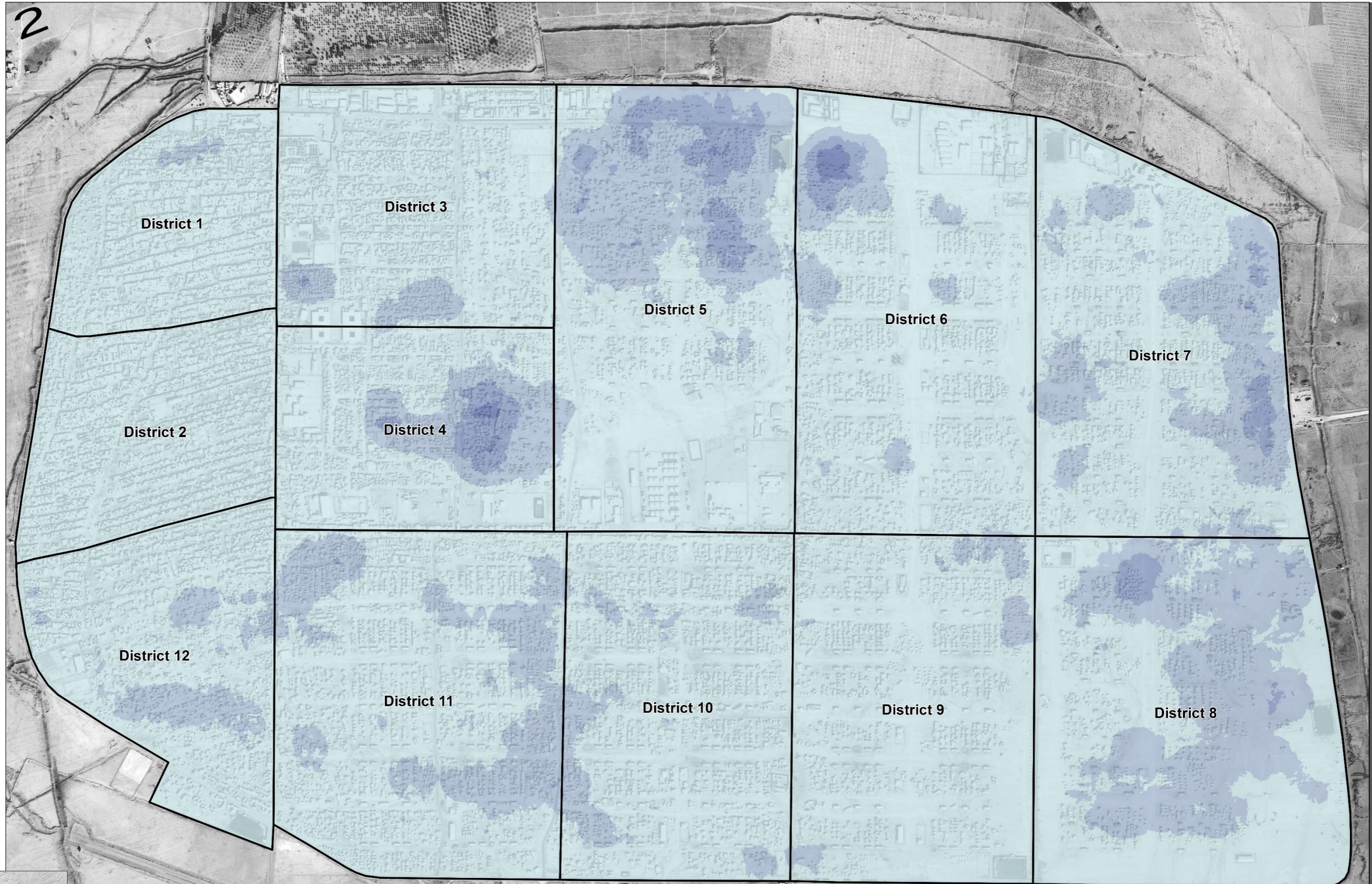
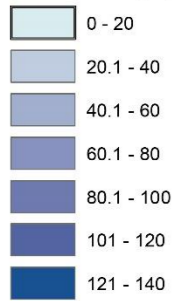
Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates or donors mentioned on this map.







Tent Density per Hectare



Thematic data: REACH,  
19 February 2014 - 11 March 2014

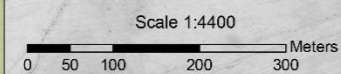
Satellite Acquisition Date:  
14/01/2014 by Digitalglobe  
Provided by: UNOSAT

Projection: WGS 1984 UTM Zone 37N

File: JOR\_Zaatari\_CCM\_TentDensity\_22APR2014\_A1

Contact: reach.mena@impact-initiatives.org

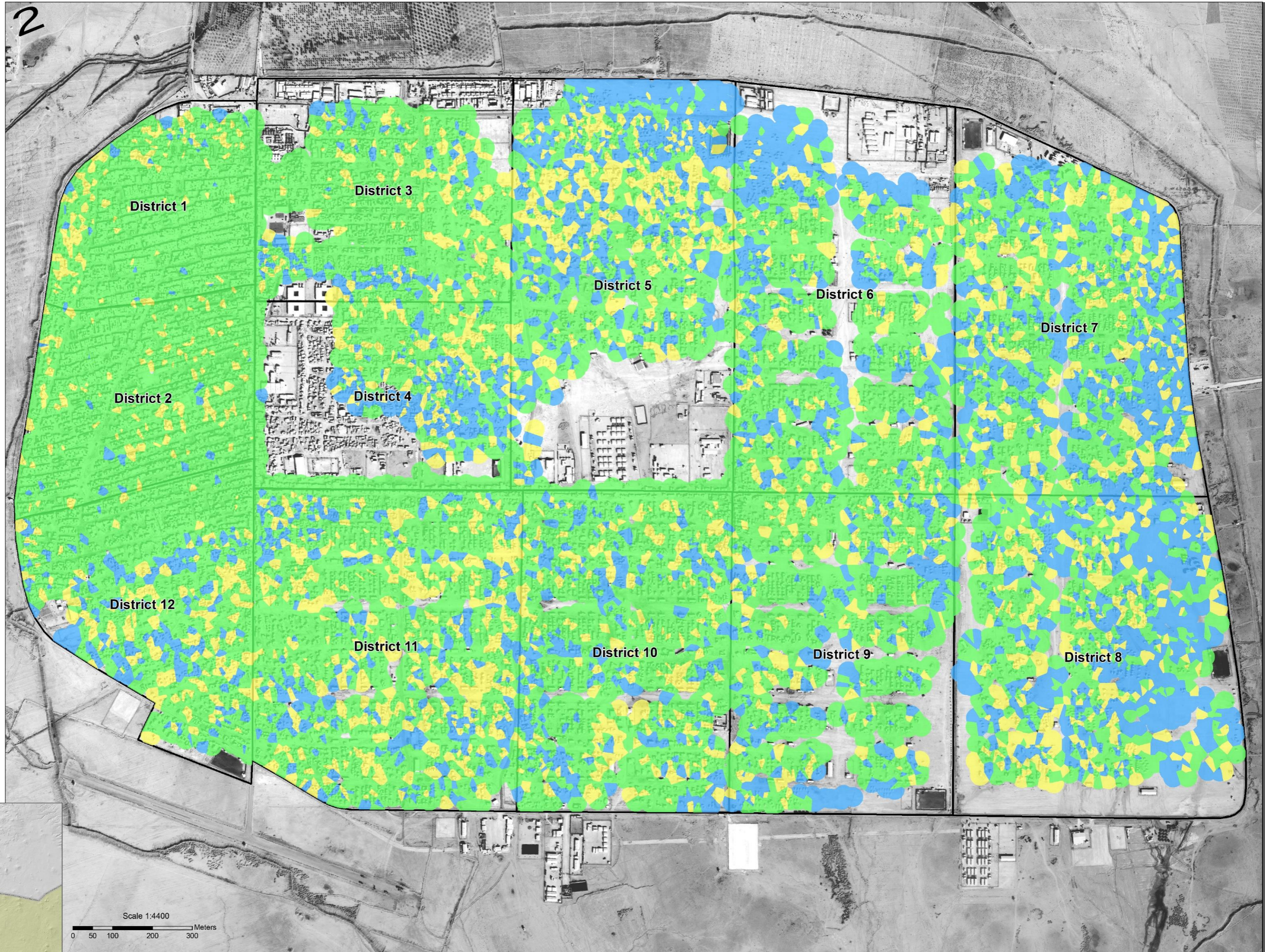
Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates or donors mentioned on this map.







- Shelter Type**
- Caravan and Tent
  - Caravan
  - Tent



Thematic data: REACH,  
19 February 2014 -11 March 2014

Satellite Acquisition Date:  
14/01/2014 by Digitalglobe  
Provided by: UNOSAT

Projection: WGS 1984 UTM Zone 37N

File: JOR\_Zaatari\_CCM\_ShelterType  
\_22APR2014\_A1

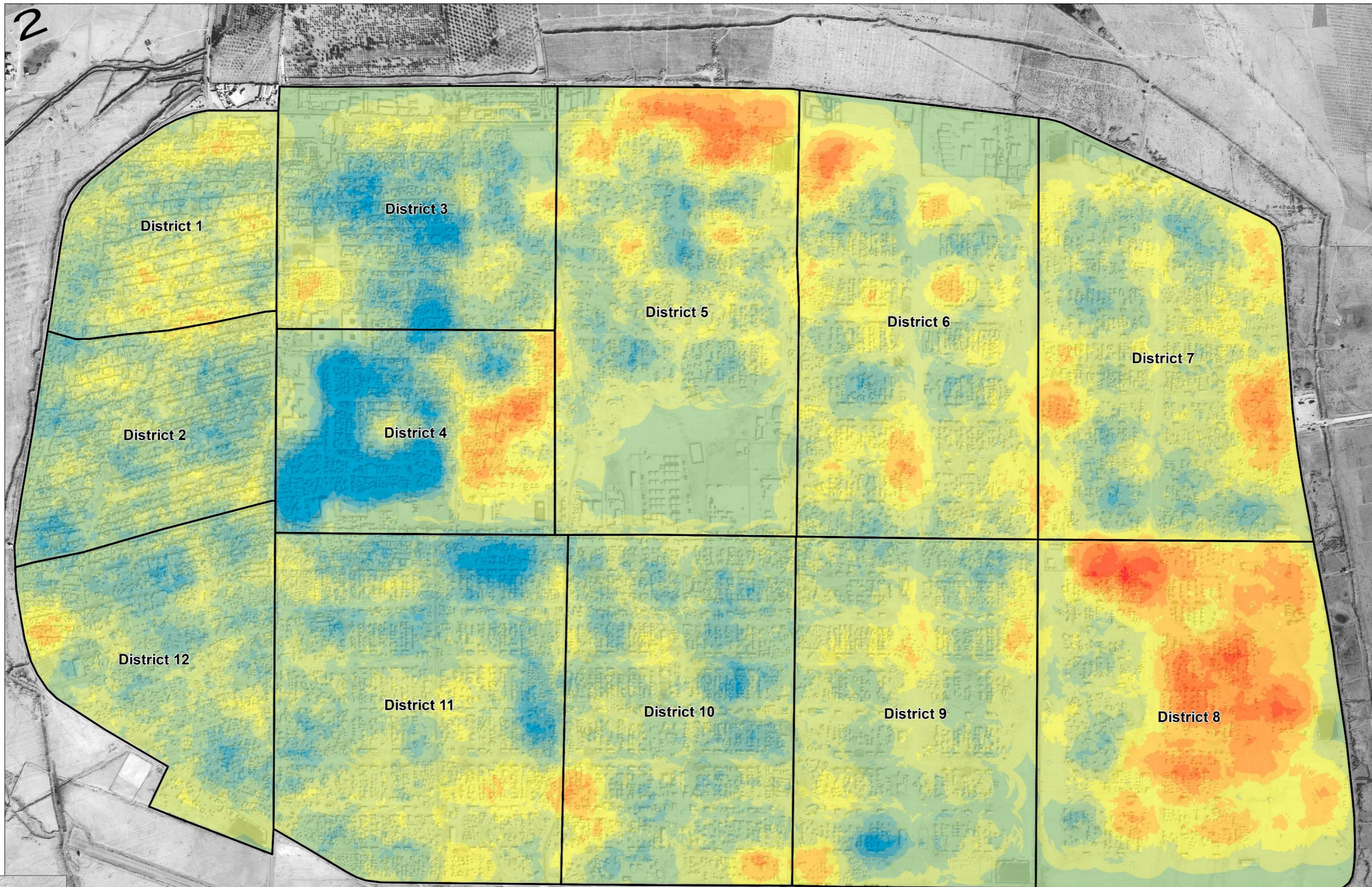
Contact: reach.mena@impact-initiatives.org

Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates or donors mentioned on this map.



Scale 1:4400  
0 50 100 200 300 Meters





2

Thematic data: REACH,  
19 February 2014 -11 March 2014

Satellite Acquisition Date:  
14/01/2014 by Digitalglobe  
Provided by: UNOSAT

Projection: WGS 1984 UTM Zone 37N

File: JOR\_Zaatari\_CCM\_HHVariation\_22APR2014\_A1

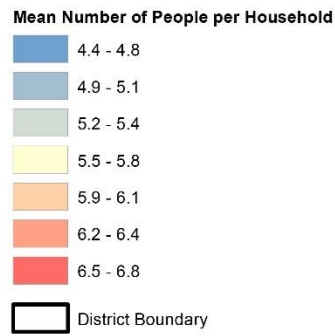
Contact: reach.mena@impact-initiatives.org

Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates or donors mentioned on this map.

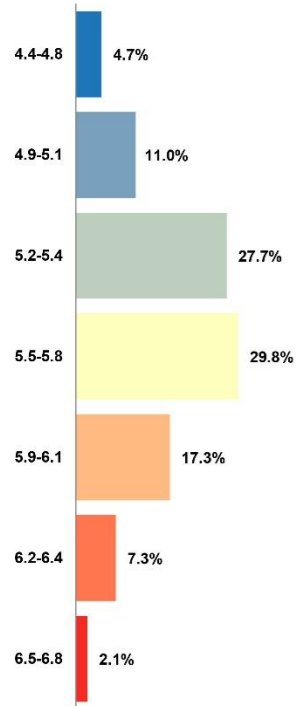


Scale 1:4400  
0 50 100 200 300 Meters





Mean Number of People per Household (Block Level)



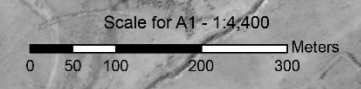
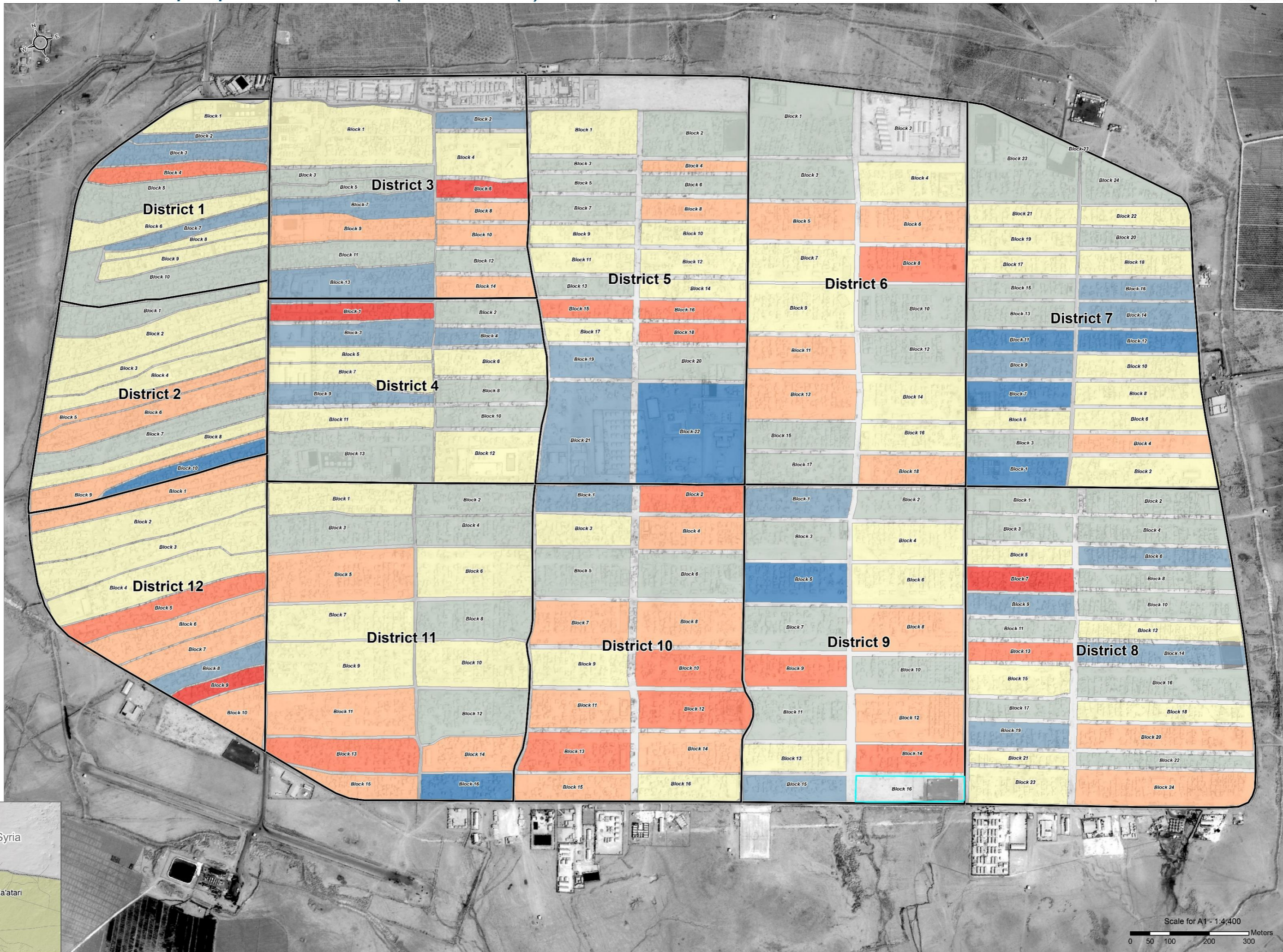
Data Sources:  
Population Data - UNICEF / REACH  
Camp Boundaries - UNHCR

Satellite Acquisition Date:  
12/10/2015 by Pleiades - Copyright CNES  
2015 - Distribution Astrium Services / Spot Image  
Provided by: UNOSAT

Projection: WGS 1984 UTM Zone 37N

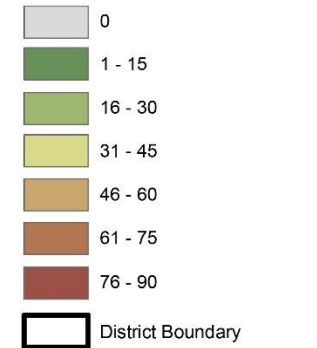
File: REACH\_JOR\_Map\_Zaatari\_MOV\_Arrival\_Date\_Dec2015\_A1

Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by partners, associates or donors mentioned on this map.

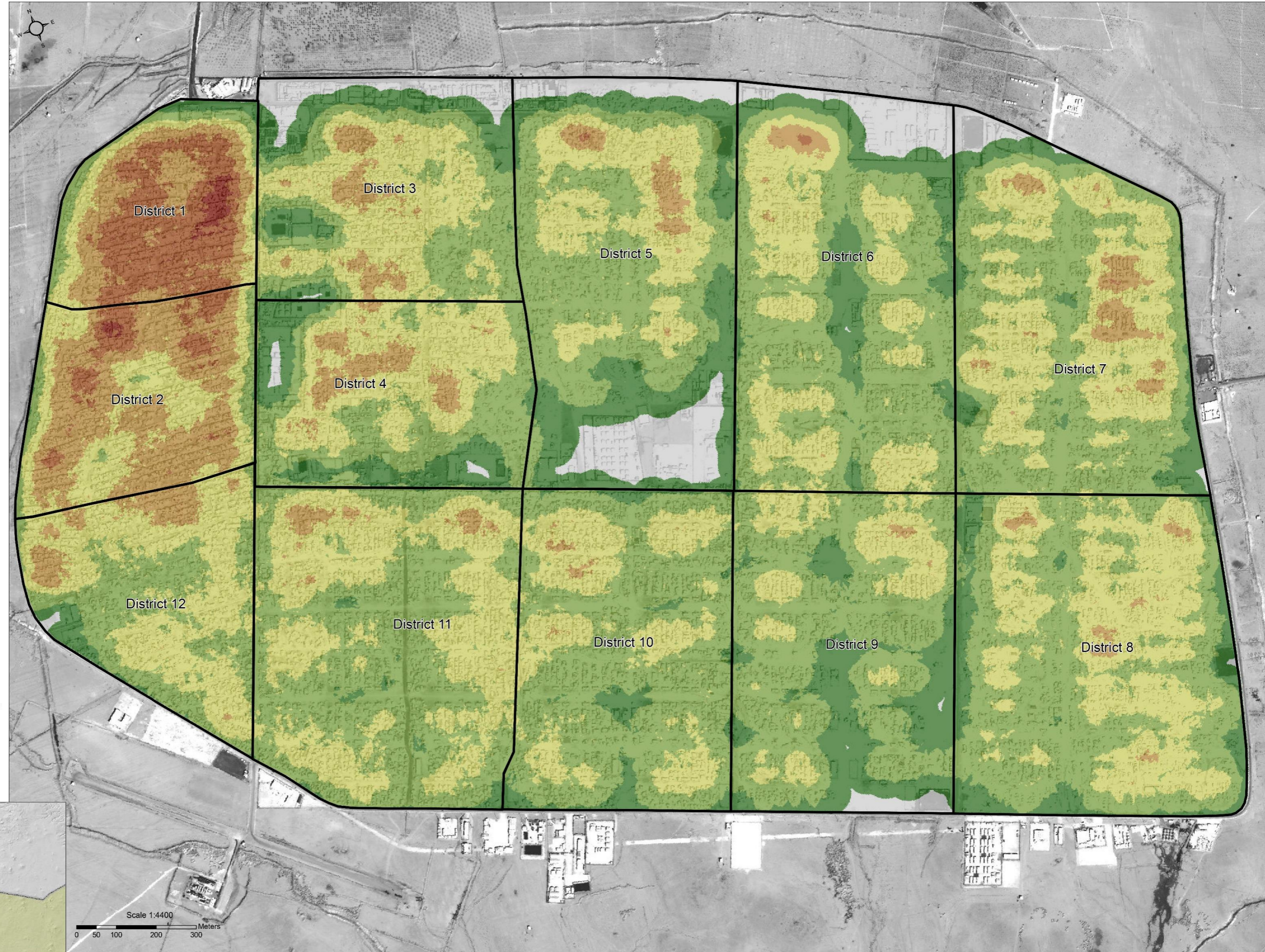




**Household Density**  
 Households per Hectare



District	Number of Households
1	1190
2	1299
3	897
4	848
5	1034
6	1269
7	1373
8	1506
9	907
10	1124
11	1520
12	960
<b>Total</b>	<b>13927</b>



**Data Source:**  
 Population data - REACH  
 Dec 2014-Jan 2015  
 Camp Boundaries - UNHCR

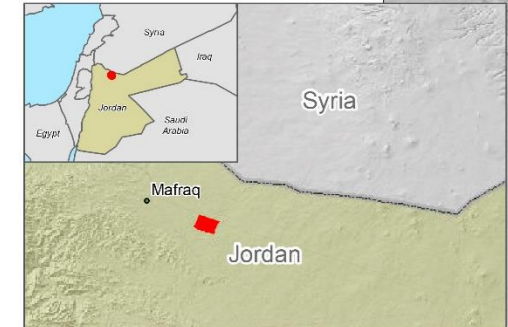
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 11/11/2014 by Digitalglobe  
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**Projection:** WGS 1984 UTM Zone 37N

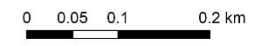
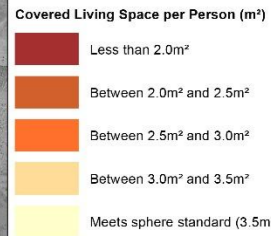
**File:** REACH\_JOR\_Map\_Zaatari\_MOV\_HouseholdDensity\_28Jan2015\_A1

**Contact:** reach.mena@impact-initiatives.org

*Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates or donors mentioned on this map.*







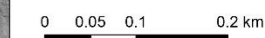
Data Source: REACH, UNHCR  
 Projection: WGS 1984 UTM Zone 37N  
 Thematic data: REACH Field Teams - last update October 2013  
 Satellite Acquisition Date: 19/09/2013 by DigitalGlobe  
 Provided by: UNOSAT  
 Map Reference: JOR\_Zaatari\_CCM\_ShelterStandards\_24OCT2013\_A1  
 Contact: reach.mapping@impact-initiatives.org  
 Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates or donors mentioned on this map.





**Time of Arrival**

- July 2012 - Sep 2012
- Oct 2012 - Dec 2012
- Jan 2013 - March 2013
- Apr 2013 - Jun 2013
- July 2013 - Oct 2013



Data Source: REACH, UNHCR

Projection: WGS 1984 UTM Zone 37N

Thematic data: REACH Field Teams - last update October 2013

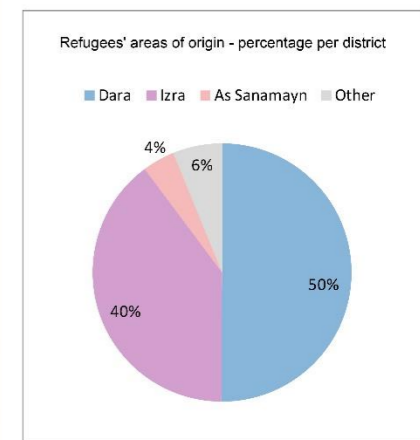
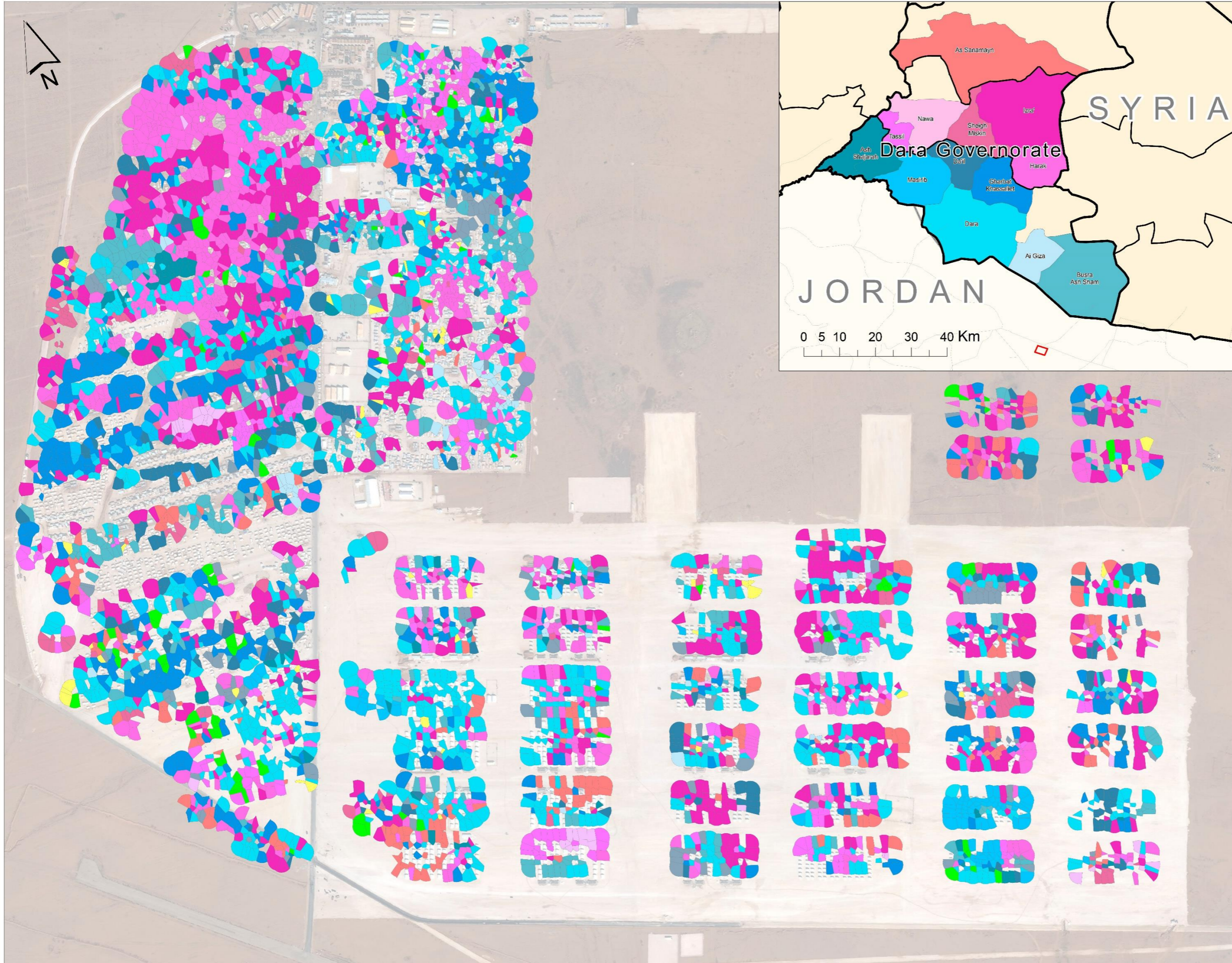
Satellite Acquisition Date: 19/09/2013 by DigitalGlobe

Map Reference: JOR\_Zaatari\_CCM\_Data/Ver1\_24OCT2013\_A1

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The map shows areas of origin of Syrian refugees living in Zaatari camp in Jordan. Each polygon corresponds to one household.  
 Only areas from which at least 50 families originate are shown.

0 100 200 300 m

Coordinate System: WGS 1984 UTM Zone 37N

Areas of Origin data: REACH field teams 12/2012-01/2013  
 Satellite Imagery: DigitalGlobe - 13/12/2012

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**Syrian Governorate and Percentage of Households from each Governorate**

Dar'a	81.7%
Rural Damascus	14.3%
Homs	1.9%
Damascus	0.95%
Quneitra	0.41%
Aleppo	0.20%
Idleb	0.16%
Hama	0.15%
Al-Hasakeh	0.06%
Deir-ez-Zor	0.05%
As-Sweida	0.05%
Lattakia	0.02%
Ar-Raqqa	0.01%

□ District Boundary

**Governorates of Syria**



*Data visualization: Thiessen polygons*  
Creates polygons out of point locations to better illustrate spatial patterns. Each polygon contains one point that is closer in location to any other point feature.

*Data Source:*  
Population data-REACH  
Dec 2014-Jan 2015  
Camp Boundaries - UNHCR

*Satellite Acquisition Date:*  
11/11/2014 by Digitalglobe  
Provided by: UNOSAT

*Projection: GCS WGS 1984*  
File: REACH\_JOR\_Map\_Zaatari\_CCM\_GovOfOrigin\_2Feb2015\_A1

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