

PROTECTION SECTOR

Severity scale analysis, September 2017

WoS Protection sector Severity scale, Sep 2017 – Definition and categorization

INDICATORS	No need of external assistance		Need of humanitarian assistance		Acute and immediate need of humanitarian assistance		
	0	1	2	3	4	5	6
	No problem	Minor Problem	Moderate problem	Major Problem	Severe Problem	Critical Problem	Catastrophic Problem
1. IDPs and returnees ¹ (Wt - 45%) Source: Population/ IDP task force	Population is not experiencing displacement or has returned their community of origin ¹	<12% of the population is experiencing displacement or has returned their community of origin ¹	Between 12% and 24% of the population is experiencing displacement or has returned their community of origin ¹	Between 24% and 36% of the population is experiencing displacement or has returned their community of origin ¹	Between 36% and 48% of the population is experiencing displacement or has returned their community of origin ¹	Between 48% and 60% of the population is experiencing displacement or has returned their community of origin ¹	Over 60% of the population is experiencing displacement or has returned their community of origin ¹
2. Incidents ² (Wt - 45%) Source: Clash database	Population is not experiencing conflict	Population is experiencing relatively minimal conflict (Weighted Incident index < 73)	Population is experiencing relatively moderate conflict (72<WII<326)	Population is experiencing relatively major conflict 325<WII<1,016)	Population is experiencing relatively severe conflict (1,015<WII<2,507)	Population is experiencing relatively critical conflict (2,506<WII<5,141)	Population is experiencing catastrophic conflict (WII>5,140)
3. Population in HTR communities (Wt - 10%) Source: UNOCHA	Sub-district does not have any HTR communities	Sub-district has a relatively minor population in the HTR area (< 4,541 people)	Sub-district has a relatively moderate population in the HTR area (4,540 < HTRpop < 17,733)	Sub-district has a relatively major population in the HTR area (17,732 < HTRpop < 26,541)	Sub-district has a relatively severe number of communities in the HTR area (26,540 < HTRpop < 38,451)	Sub-district has a relatively critical number of communities in the HTR area (38,450 < HTRpop < 74,001)	Sub-district has a relatively catastrophic number of communities in the HTR area (HTRpop > 74,000)

¹For the purposes of calculating the percentage, the IDP and returnee figures are combined, if their total percentage is >X% then the sub-district is within the respective severity category for that indicator.

²Weighted incident index is measured in terms of the number of incidents under the incident types listed below. Each incident type is assigned a relative weight depending on possible extent of effect on population and the index per sub-district is calculated by multiplying # incidents by weight per type.

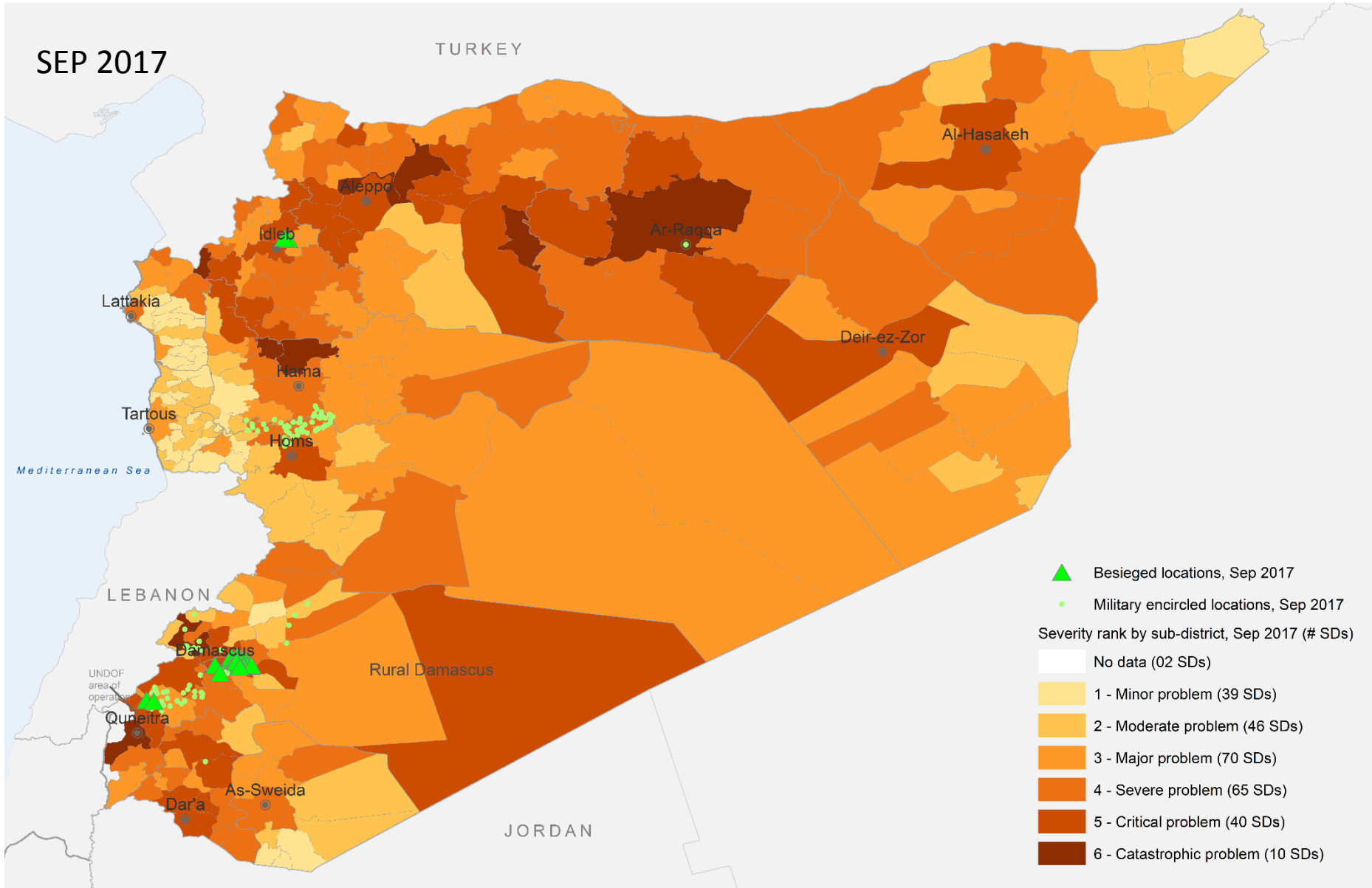
Incident type	Weight
Airstrike	6
HWF	5
IED/ Explosion	5
Handheld fire arms	4
Crime	3
Demonstration	2
Punitive judicial measures	2
Raid	2
Fire	1

SEVERITY MAP, Sep 2017 (For HNO 2018)



Weighted average of all three indicators, overlaid with besieged locations

1. % of IDPs and Returnees in total population (Wt-45%), 2. Weighted incidents index (Wt-45%), 3. Population in HTR locations (Wt-10%).



Population distribution by severity, Sep 2017



Distribution of # SDs, Population (total, IDPs, returnees and PiN 2016) and Interventions by severity

Severity rank	# sub-districts	Total population		IDP population		Returnees		Protection interventions in 2017 (as of end-July)		PiN	
		#	%	#	%	#	%	#	%	Sep-16	Sep-17
0	0	-	0%	-	0%	-	0%	-	0%	-	Awaiting IS PiN from OCHA
1	39	640,278	3%	47,497	1%	1,392	0%	128,029	3%	1,271,473	
2	46	1,396,444	7%	166,427	3%	10,851	2%	416,440	10%	1,267,838	
3	70	2,982,978	15%	723,301	12%	19,717	3%	351,062	9%	2,931,709	
4	65	5,853,842	30%	1,922,397	31%	109,760	16%	702,480	18%	3,470,488	
5	40	8,108,385	42%	3,125,162	51%	403,023	60%	2,343,590	59%	4,064,068	
6	10	432,883	2%	165,221	3%	129,621	19%	25,287	1%	532,769	
NA	2	-	0%	-	0%	-	0%	-	0%	8,722	
		19,414,810		6,150,005		674,364		3,966,888		13,547,067	

Distribution of population by severity and access

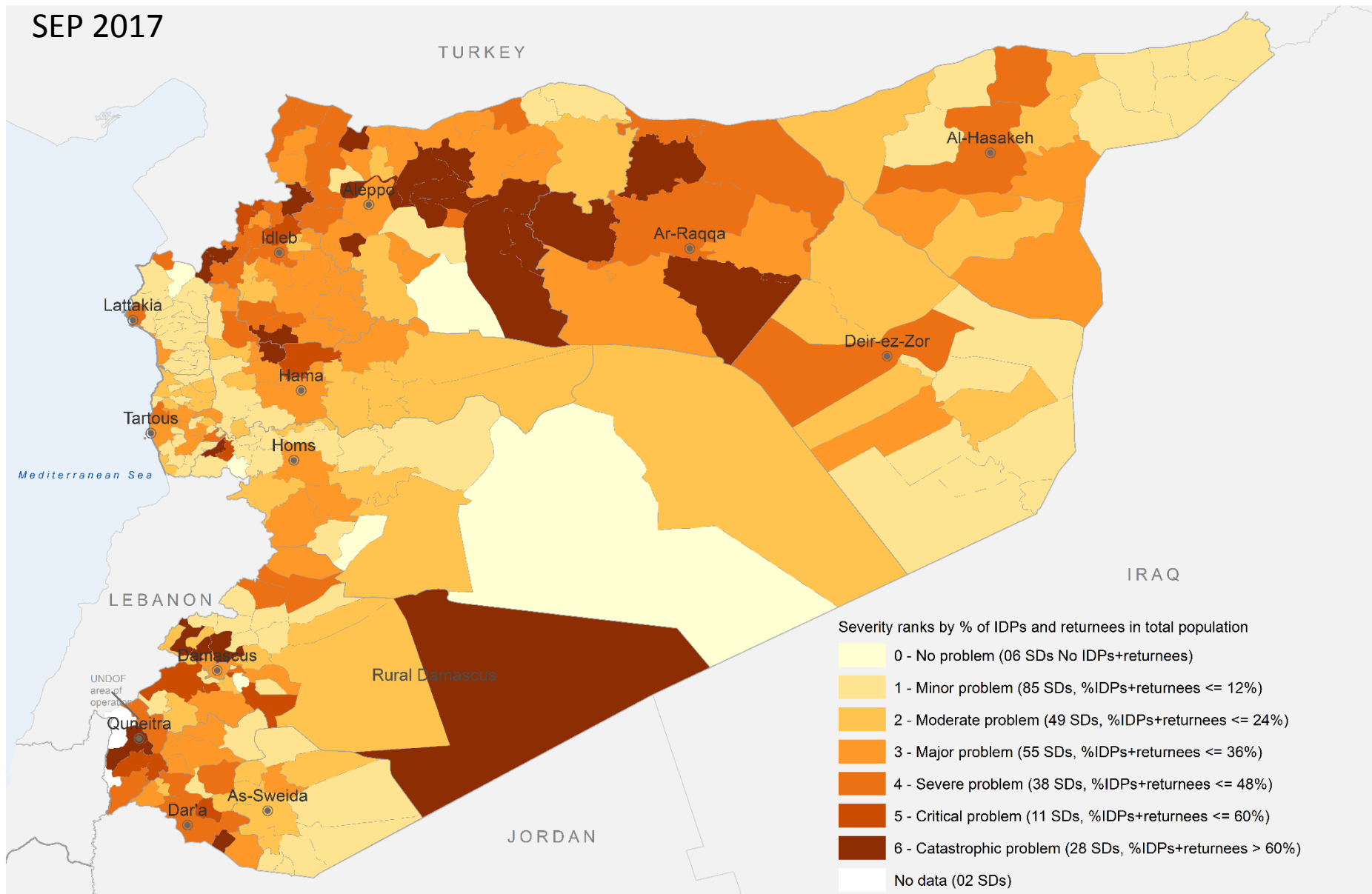
Severity rank	HTR (non MEA)		HTR (MEA)		Besieged		
	# communities	# population	# communities	# population	# communities	# population	
0	-	-	-	-	-	-	
1	1	160	-	-	-	-	
2	72	136,667	3	64,397	-	-	
3	297	460,695	27	119,446	3	9,400	
4	297	533,904	49	379,552	5	199,100	
5	266	385,916	13	302,126	22	211,420	
6	131	131,357	11	47,020	-	-	
NA	-	-	-	-	-	-	
		1,064	1,648,700	103	912,541	30	419,920

MAP FOR INDICATOR 1

– Ranking with percentage of IDPs and returnees in population (31 AUG 2017)



SEP 2017



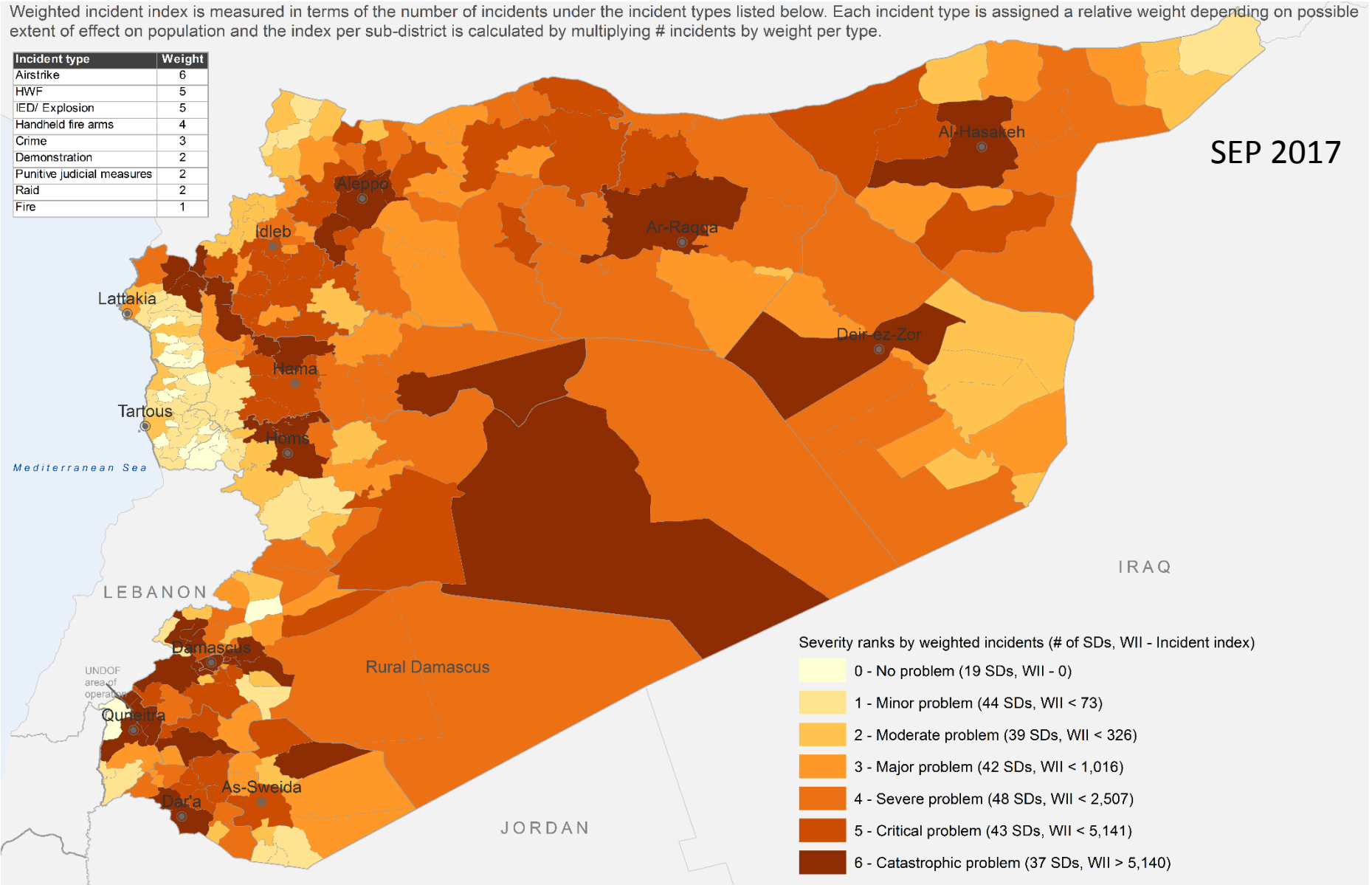
MAP FOR INDICATOR 2

– Ranking with weighted incidents index (1 Jan 2015 – 31 Jul 2017)



Weighted incident index is measured in terms of the number of incidents under the incident types listed below. Each incident type is assigned a relative weight depending on possible extent of effect on population and the index per sub-district is calculated by multiplying # incidents by weight per type.

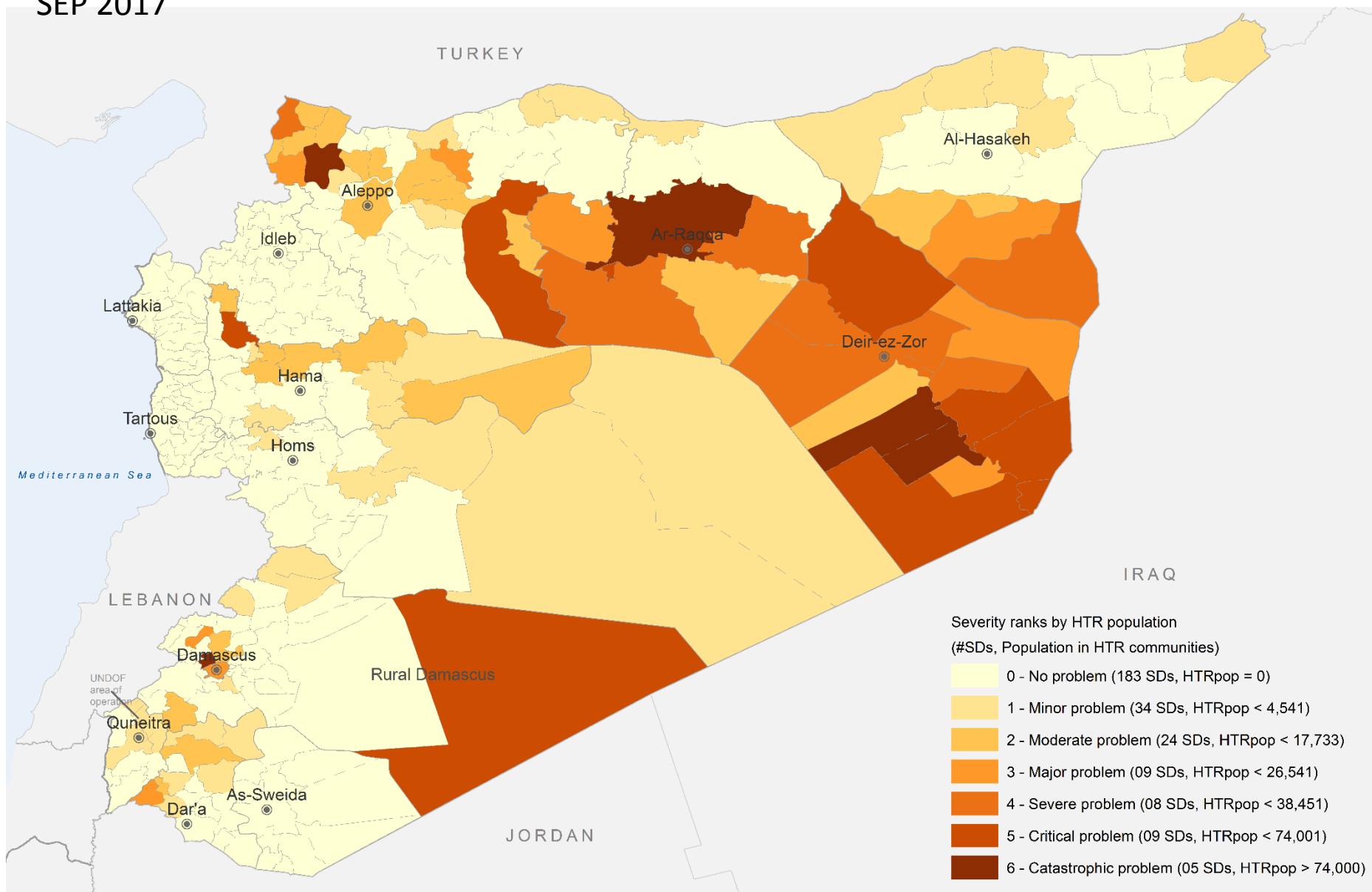
Incident type	Weight
Airstrike	6
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Raid	2
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MAP FOR INDICATOR 3

– Ranking with population in Hard-to-reach area (Sep 2017)

SEP 2017



KEY CHANGES in Severity ranking from Sep 2016 to Sep 2017

- **Change in situation in terms of number of sub-districts:** 106 out of 272 sub-districts had a change in their categorization in the severity scale. 63 of them moved to the better side of the scale and 43 showed increased protection needs severity. 164 sub-districts showed no change in needs severity and for two sub-districts in Quneitra, data is not available.
- **Population in Severity ranks 6 (catastrophic) & 5 (critical) :** The population in sub-districts in catastrophic and critical categories taken together, show a decrease of around 959,000 in the total population. This includes a decrease of 850,100 in IDPs but with an additional 532,600 returnees.
- **Sub-districts in severity rank 6:**
 - **10 sub-districts** have been categorised as facing catastrophic problems, **three** more than in September 2016 (revised).
 - Only three of them, namely **Az-Zabdani (Rural Damascus), Ar-Raqqa and Quneitra** were in the same category in 2016. (Though the conflict situation has improved in Az-Zabdani, protection needs severity remain the same due to return).
 - **Al-Bab, Haritan, Maskana (Aleppo), Badama (Idleb), Kafr Zeita, Suran (Hama) and Ein Elfijeh (Rural Damascus)** have moved to catastrophic severity of needs mostly owing to returns.
 - All of them show increased incident index since last September.
 - Most of Al Bab and Maskana sub-districts are not anymore HTR.
 - Increase in IDPs are seen in Al Bab, Badama and Ein Elfijeh.
 - **Azaz (Aleppo), Qatana (Rural Damacus), Homs and Al-Hasakeh** show decrease in the protection needs severity relative to other sub-districts, i.e. from catastrophic to critical category, due to decrease in IDP population. Communities which were HTR in Azaz, Homs and Al-Hasakeh are all accessible now.
- **Sub-districts deteriorating by two or more categories:** **16 sub-districts**, nine in Aleppo Governorate, five in Ar-Raqqa and two in Hama show increased protection needs severity by more than two categories. (Refer next slide - Slide 8 for the list).
- **Sub-districts improving by two or more categories:** Two sub-districts have moved by two categories with relative decrease in protection needs severity, namely Dhameer (Rural Damascus) which shows a decrease in %IDPs in population and Hameidiyyeh (Tartous) showing a decrease in incident index.
- **Besieged and Military-encircled population:** None of the Besieged locations are in catastrophic sub-districts. 22 out of 30 are in critical sub-districts, with five in severe and the rest three in sub-districts categorized as major problem. 75% of the population in MEA are in sub-districts categorized as critical or severe problem with 5% in catastrophic.
- **Protection Interventions:** **60%** of the interventions done by the Protection sector from Jan-July 2017 are in sub-districts categorized as catastrophic or critical.

KEY CHANGES in Severity ranking from Sep 2016 to Sep 2017 - contd



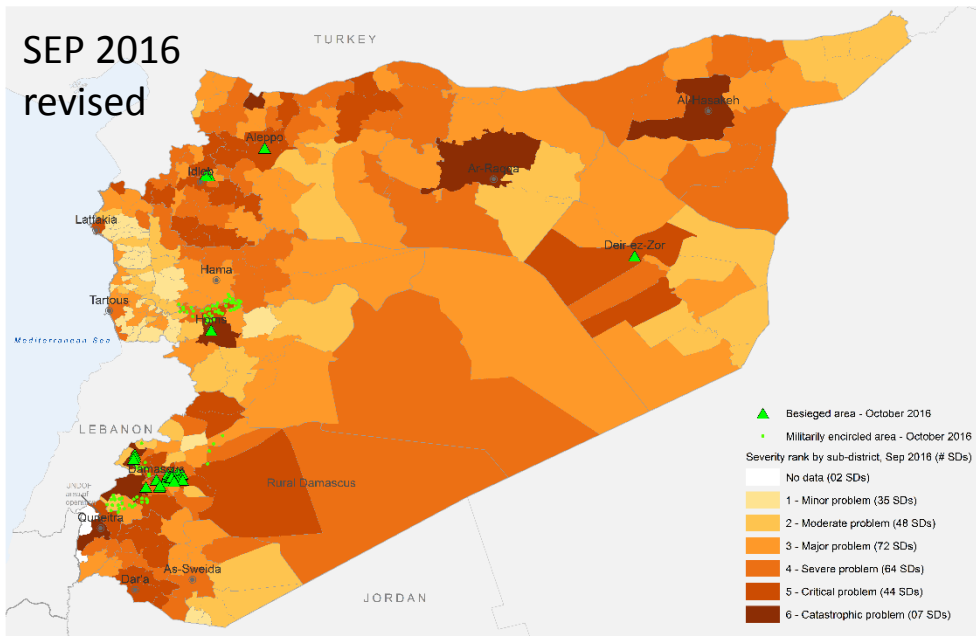
Sub-districts deteriorating by two or more categories

Governorate	Sub-district	2016	2017
Aleppo	Hadher	3	5
Aleppo	Al Bab	4	6
Aleppo	Tadaf	3	5
Aleppo	Dayr Hafir	2	4
Aleppo	Eastern Kwaires	3	5
Aleppo	Rasm Haram El-Imam	2	5
Aleppo	A'rima	3	5
Aleppo	Al-Khafsa	3	5
Aleppo	Maskana	4	6
Hama	Suran	4	6
Hama	Kafr Zeita	4	6
Ar-Raqqa	Sabka	2	5
Ar-Raqqa	Karama	2	4
Ar-Raqqa	Maadan	2	4
Ar-Raqqa	Ein Issa	3	5
Ar-Raqqa	Jurneyyeh	3	5

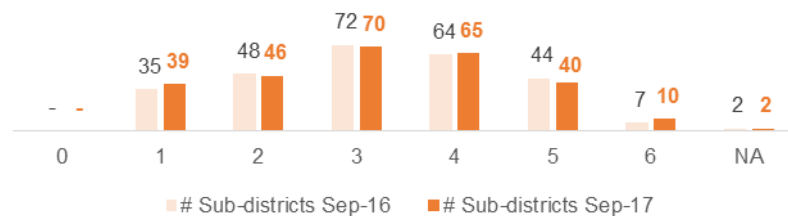
COMPARISON OF FINAL SEVERITY MAP - SEP 2017 AND SEP 2016



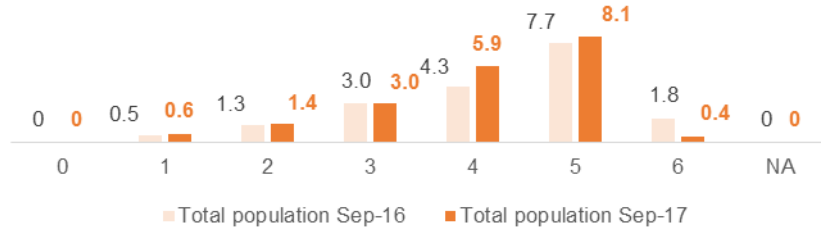
SEP 2016 revised



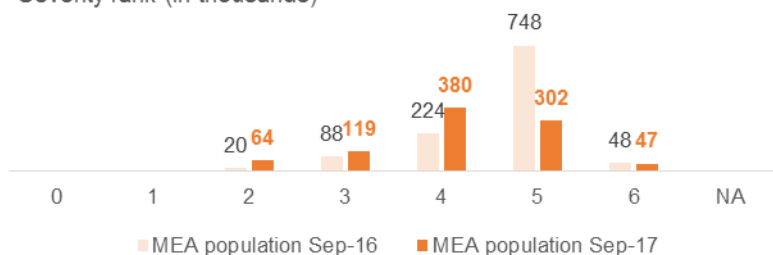
Change in # SUB-DISTRICTS by Severity rank



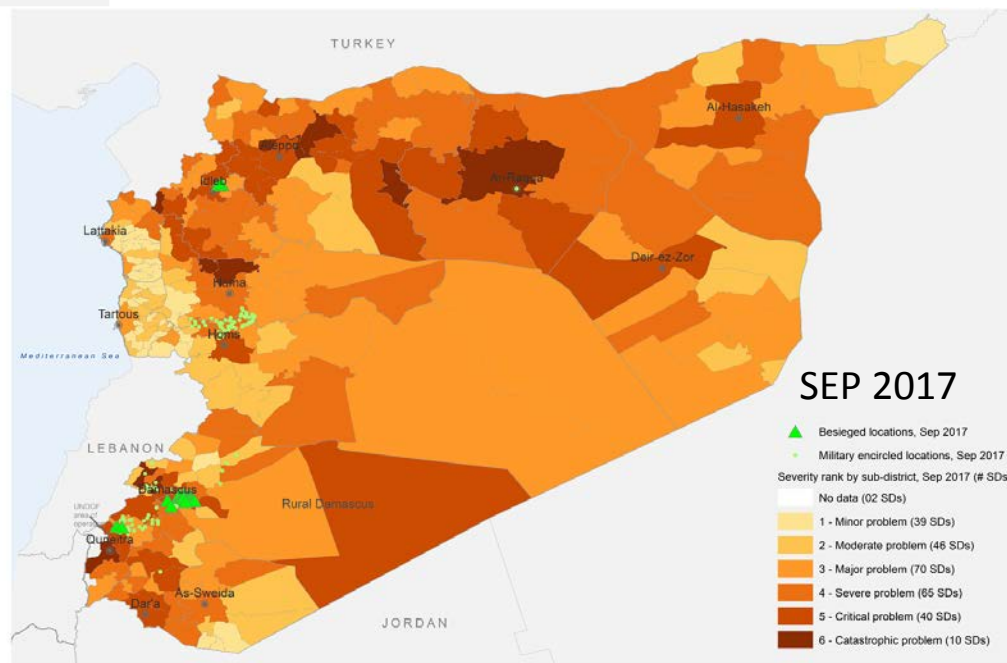
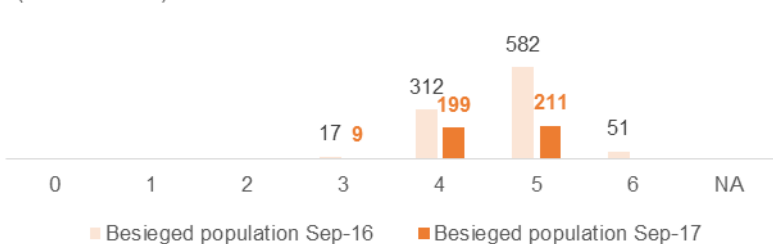
Change in TOTAL POPULATION by Severity rank (in millions)



Change in Population in HTR (Military encircled area by Severity rank (in thousands)



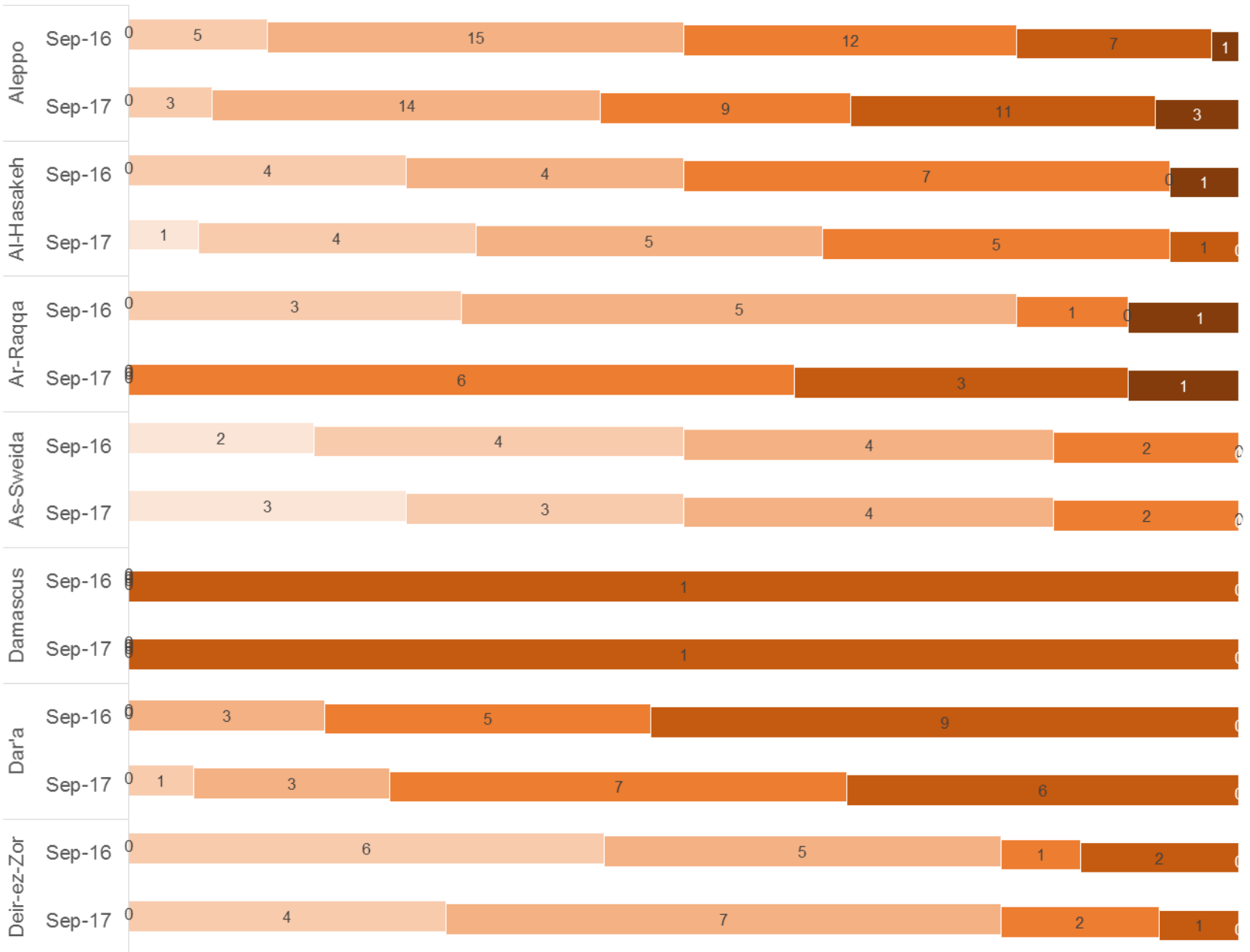
Change in Population in BESIEGED AREA by Severity rank (in thousands)



SEP 2017

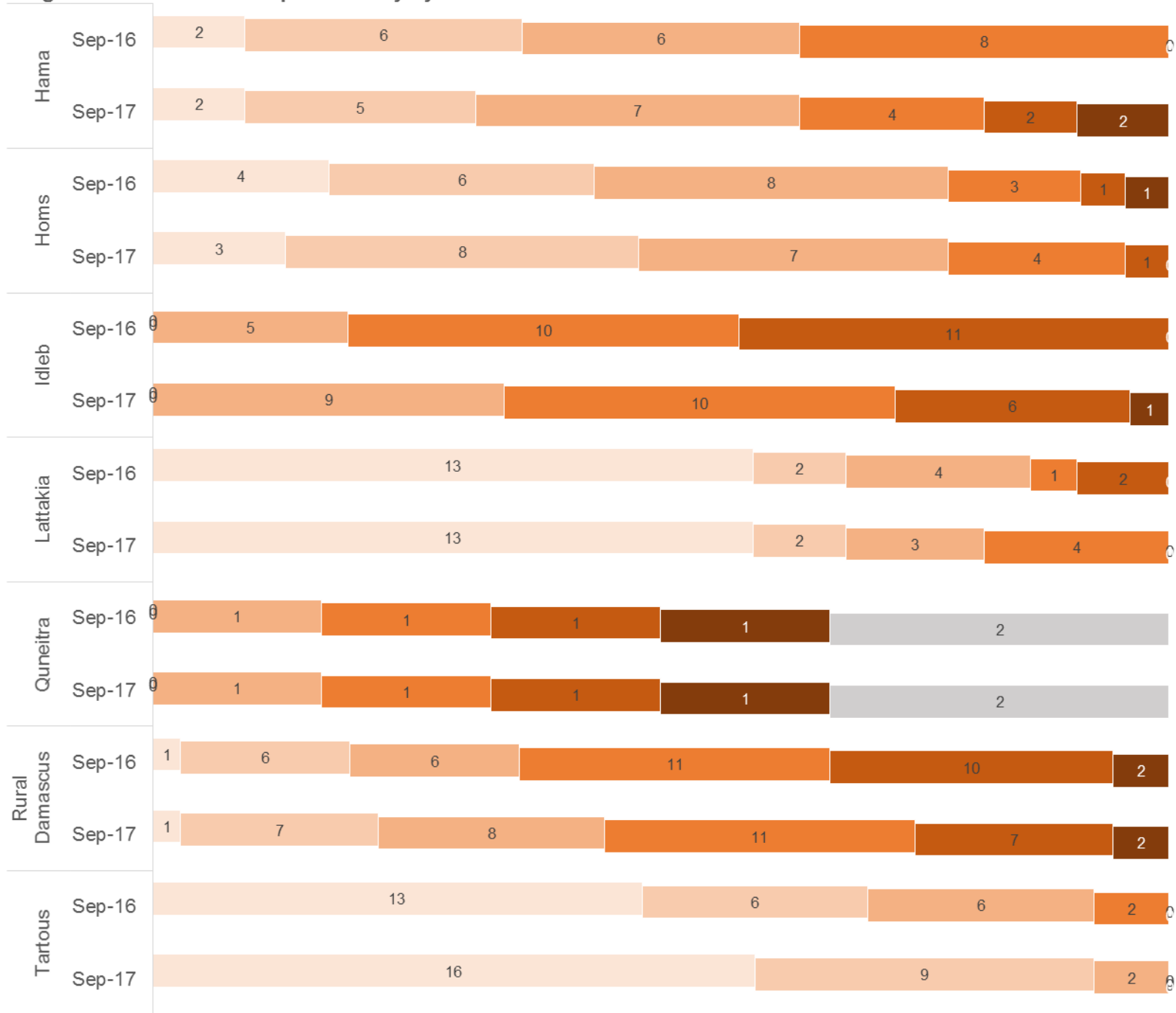
Change in # SUBDISTRICTS per Severity by Governorate

0 1 2 3 4 5 6 NA



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0 1 2 3 4 5 6 NA

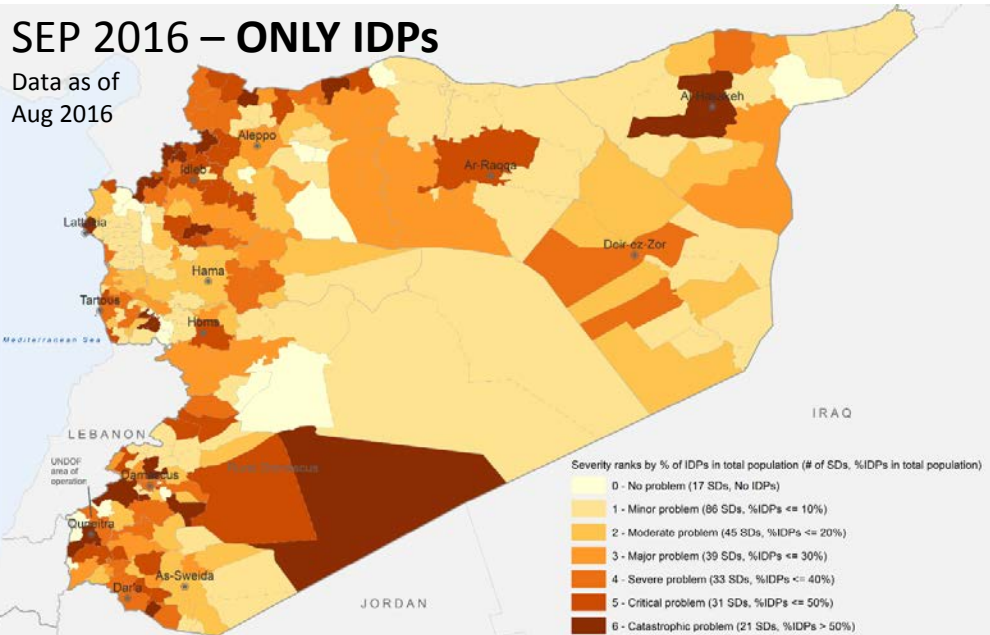


COMPARISON OF INDICATOR 1 – Ranking with percentage of IDPs + Returnees in population

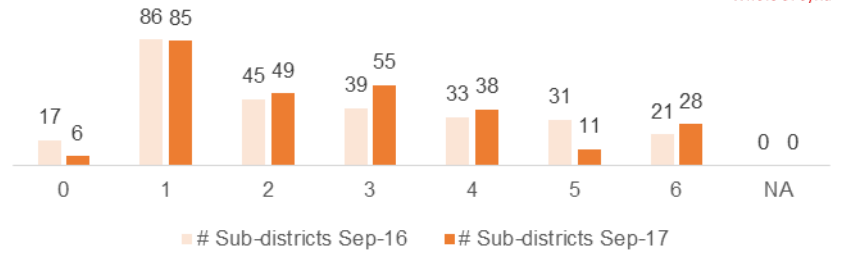


SEP 2016 – ONLY IDPs

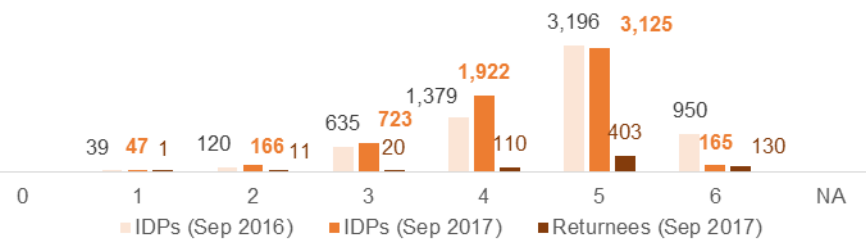
Data as of Aug 2016



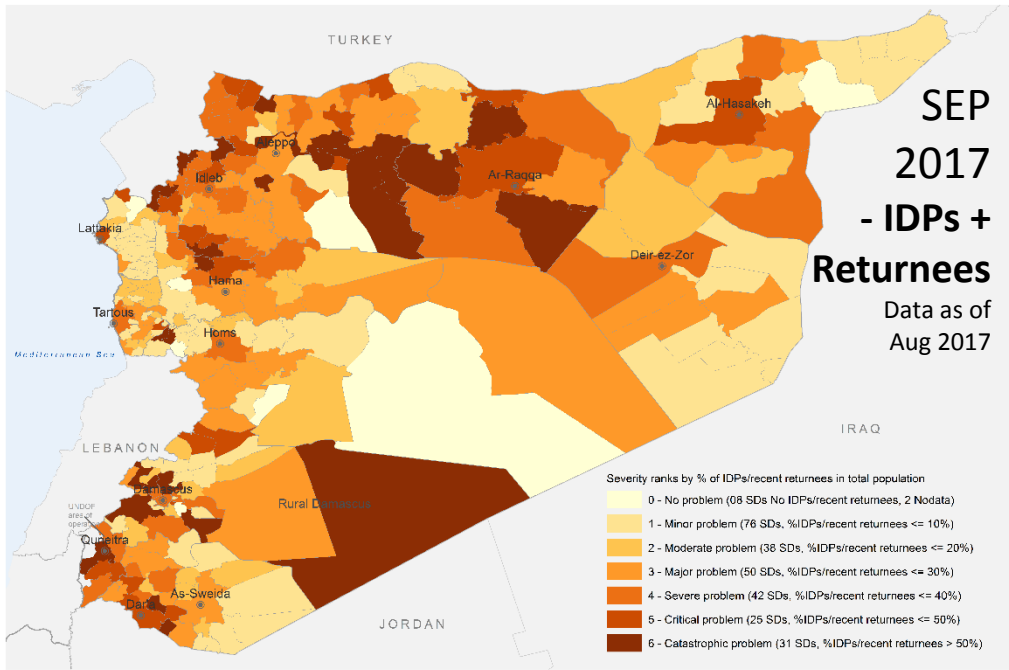
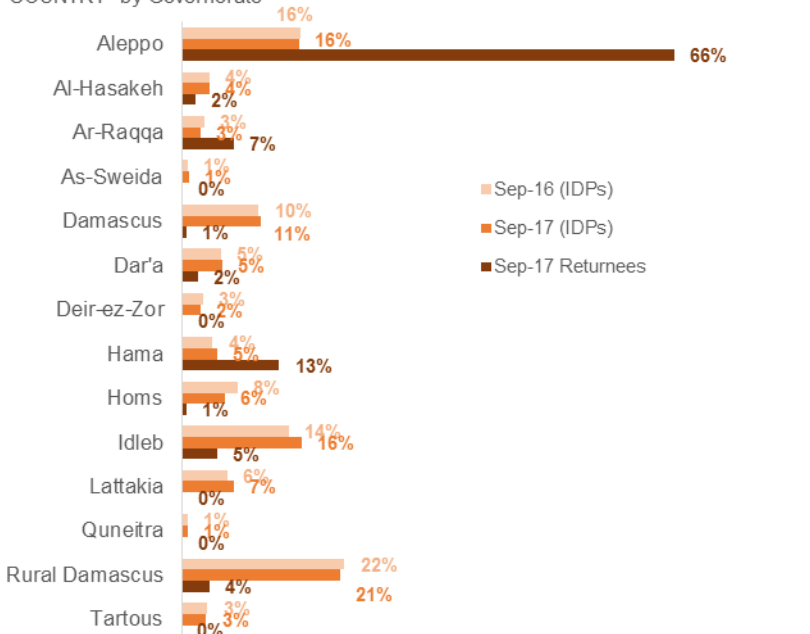
Change in # SUB-DISTRICTS by INDICATOR 1 Severity rank



IDPs and returnees by Final Severity rank (in thousands)



Change in PROPORTION OF IDPs (and returnees for 2017) IN THE COUNTRY by Governorate

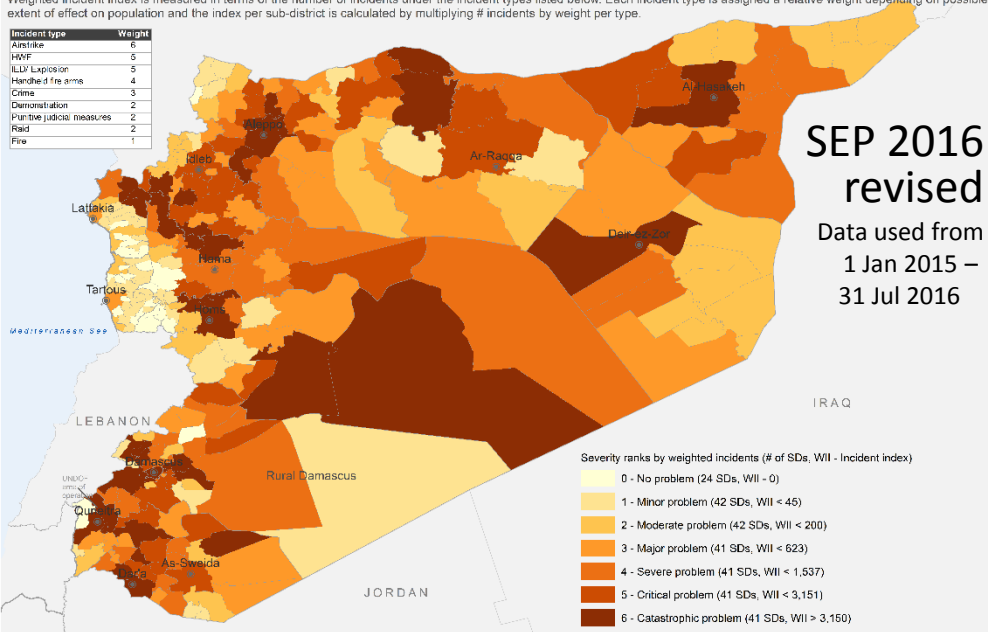


SEP 2017 - IDPs + Returnees
Data as of Aug 2017

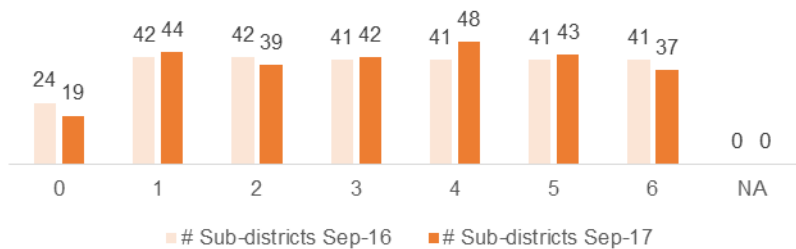
COMPARISON OF INDICATOR 2 – Ranking with weighted index of incidents

Weighted incident index is measured in terms of the number of incidents under the incident types listed below. Each incident type is assigned a relative weight depending on possible extent of effect on population and the index per sub-district is calculated by multiplying # incidents by weight per type.

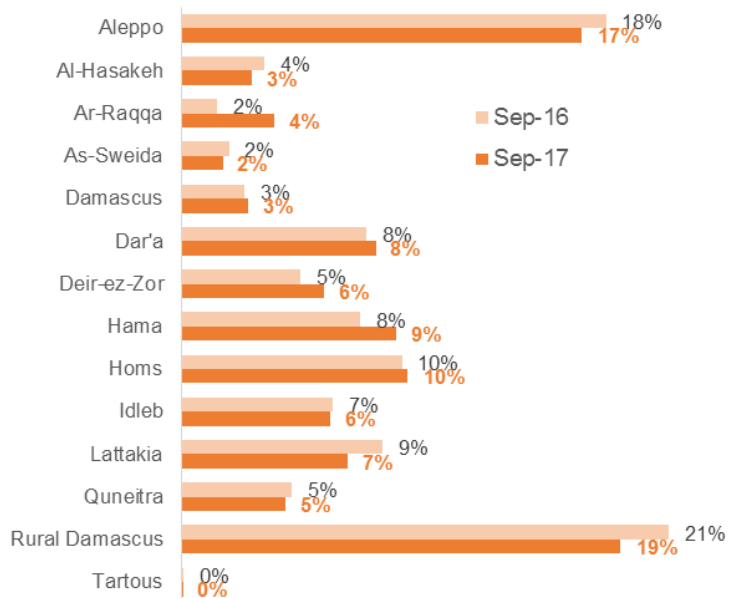
Incident type	Weight
Assault	6
IHVIF	5
IED/ Explosion	5
Handheld fire arms	4
Crime	3
Demonstration	2
Punitive judicial measures	2
Raid	2
Fire	1



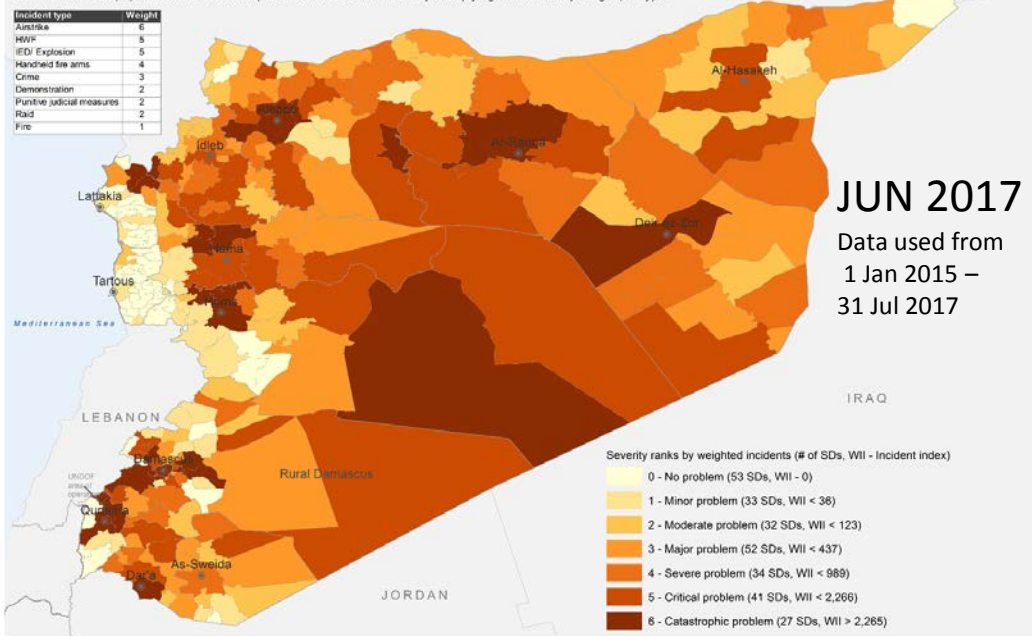
Change in # SUB-DISTRICTS by INDICATOR 2 Severity rank



Change in PROPORTION OF INCIDENT SCORE in Governorate when compared to rest of the country



Weighted incident index is measured in terms of the number of incidents under the incident types listed below. Each incident type is assigned a relative weight depending on possible extent of effect on population and the index per sub-district is calculated by multiplying # incidents by weight per type.

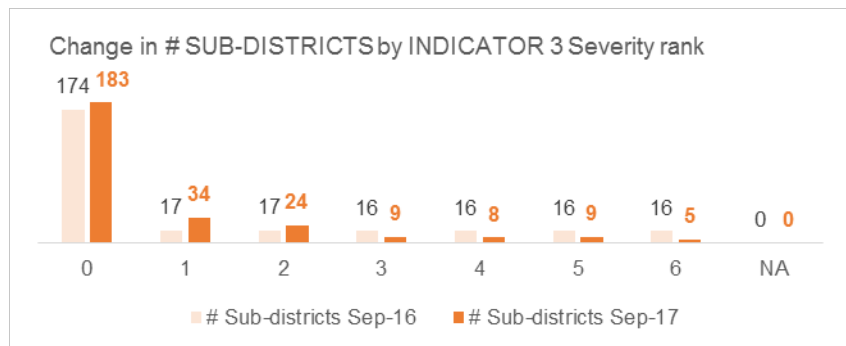
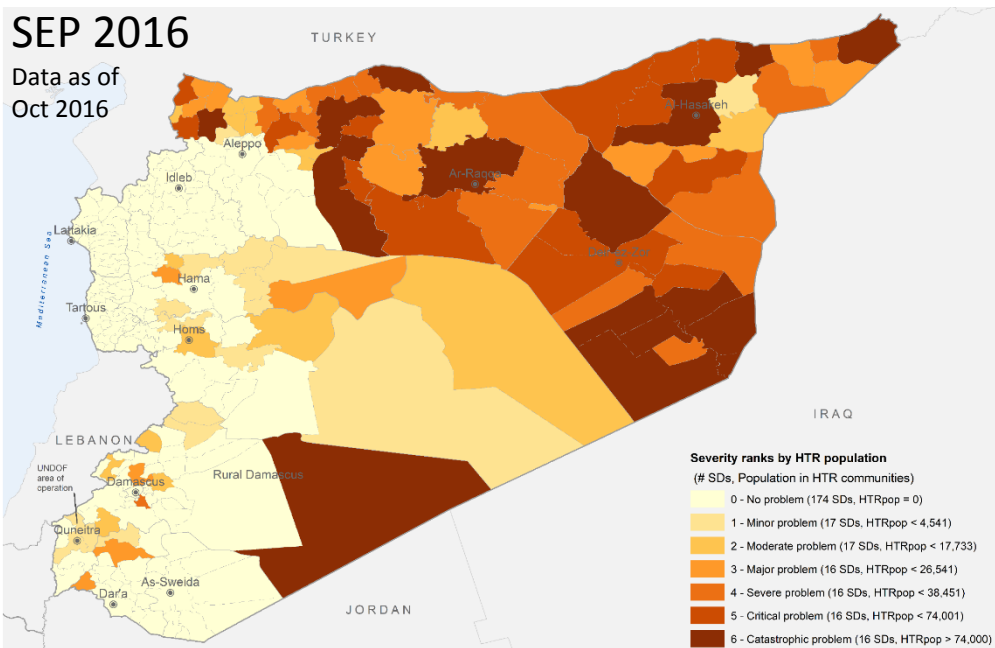


COMPARISON OF INDICATOR 3 – Ranking with population in Hard-to-reach area

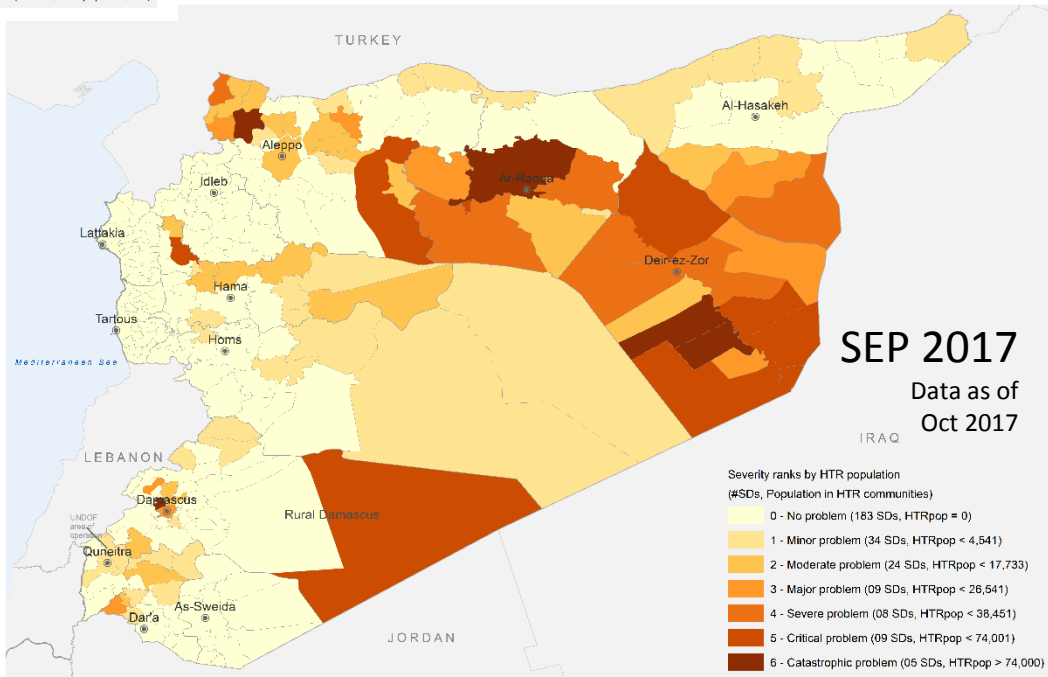
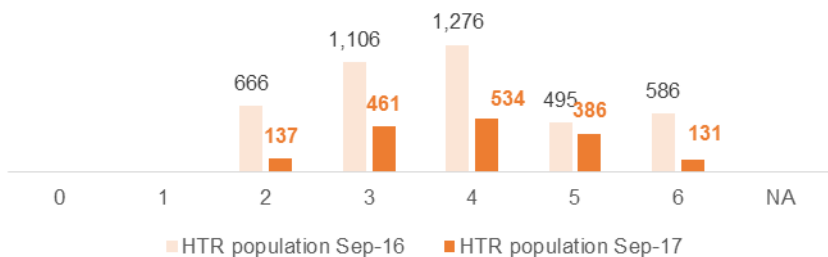


SEP 2016

Data as of Oct 2016



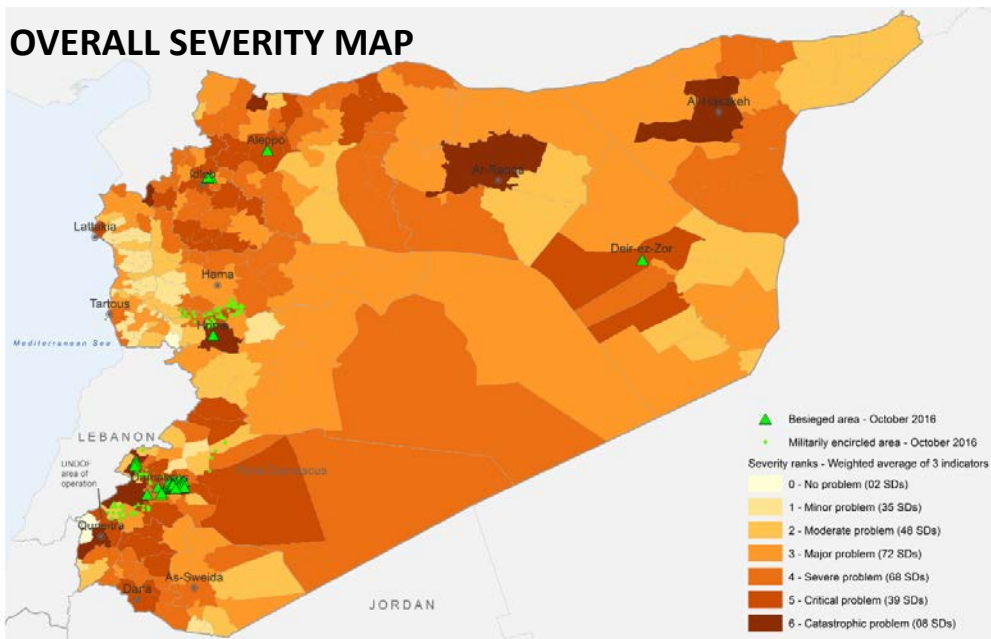
Change in Population in HTR area by Final Severity rank (in thousands)



SEP 2017
Data as of Oct 2017

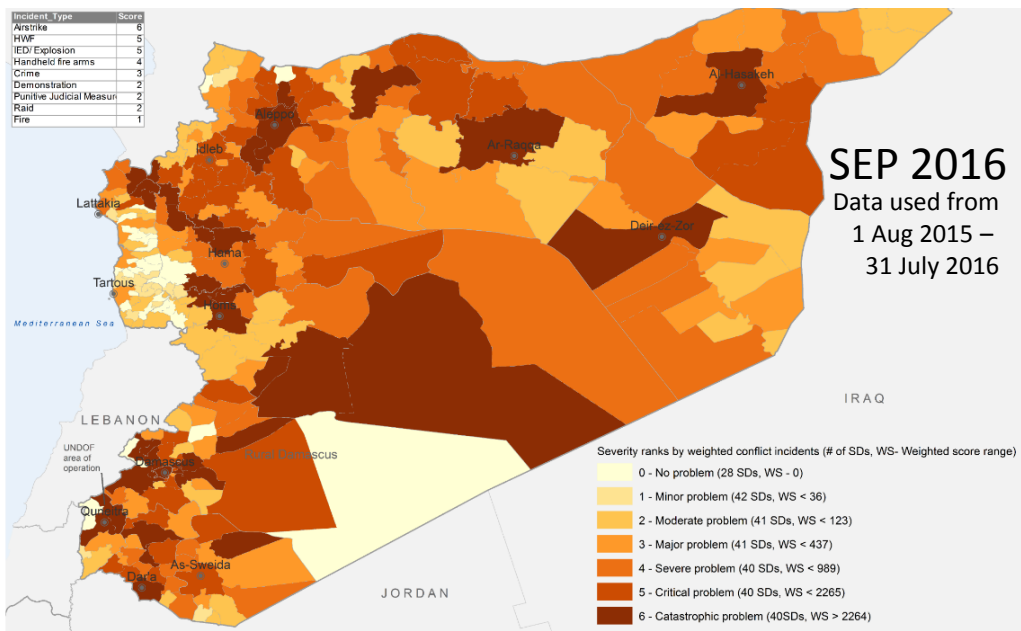
For reference, Sep 2016 maps before revision

OVERALL SEVERITY MAP



INDICATOR 2 – WEIGHTED INCIDENTS INDEX

For HNO 2017, Indicator 2 considered incidents from 1 Aug 2015 to 31 Jul 2016 (1 year). It was revised to include 1.5 yrs (as much data as available).





*****END OF DOCUMENT*****