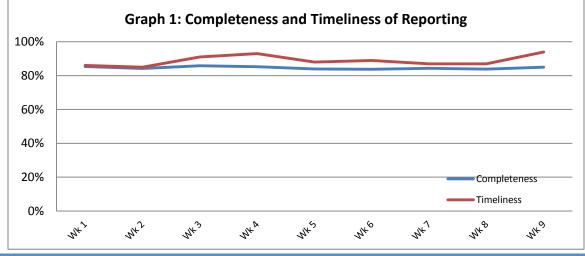**Highlights:**

❖ Leishmaniasis increase in Deir Ezzor continues in this week with 601 reported cases.

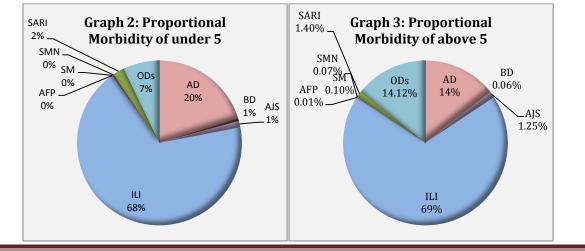❖ 3 cases of acute paralysis flaccid reported this week from Dair Zour (2) and Damascus (1).

❖ **Completeness& Timeliness of Reporting**

❖ The overall completeness of reporting was 84%; (1089 out of total 1281 EWARS sentinel sites). 14 governorates have reported this week.

❖ Timeliness of reporting was 94%.

Graph 1: Completeness and Timeliness of Reporting

❖ **The Morbidity Cases**

❖ Out of a total of 258,650 consultations, 39,837 EWARS notifiable cases were reported; of which 27,169 cases were influenza like illness (68%), 6,842 cases were acute diarrhoea (17%), 489 were acute jaundice syndrome, 509 were severe acute respiratory infection, 52 were suspected measles, 94 were bloody diarrhoea, 53 were suspected meningitis and 3 case of acute flaccid paralysis..

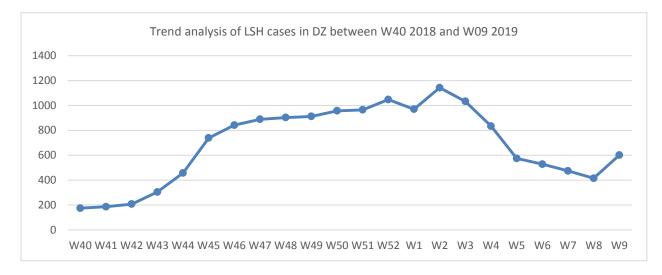❖ Graphs 2 and 3 below show the proportional morbidity among < 5 and ≥ 5 years age groups respectively.

Graph 2: Proportional Morbidity of under 5

Graph 3: Proportional Morbidity of above 5

Acute diarrhoea constitutes (20%) among < 5 and (14%) among ≥ 5, while influenza-like illness constitutes (68%) of the cases among <5 and (69%) of the cases among ≥ 5 years old.

❖ 49% of the cases were distributed among males. 60% of the cases were distributed among ≥5 age group.

❖ In total 4,416 cases were reported as "other diseases". The most important diseases reported within this group were; 1,878 cases of leishmaniasis (mostly from Aleppo, Deir Ezzor and Hamah), 168 cases of brucellosis, 253 cases of typhoid, 14 cases of tuberculosis, 79 pertussis, and 97 mumps.

Graph 4: the below graph shows the trend analysis of suspected Leishmaniasis cases reported through EWARS in Deir Ezzor. The graph shows significant increase in cases since week 43. The decrease in cases in 2019 is attributed to improvement in quality of reporting, as duplication in reporting was observed in data of 2018.

Trend analysis of LSH cases in DZ between W40 2018 and W09 2019

❖ Graph 5: shows the trend analysis of Acute Sever Respiratory Infections cases reported between week 43 of 2018 and week 8 of 2019. The graph shows a decrease in the reported cases in week 9.
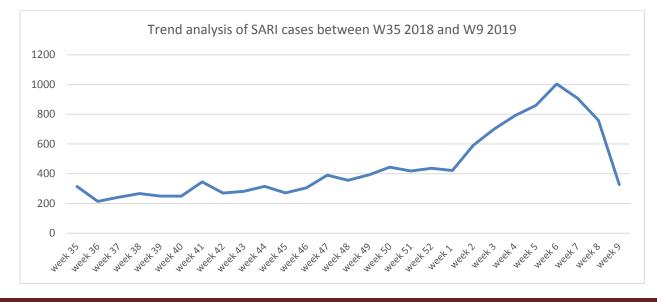

Trend analysis of SARI cases between W35 2018 and W9 2019

❖ Table 1 shows comparison between reported cases in week-08 and week-09 2019.

Table 1: Comparison between reported cases for week 8 and week 9, 2019.

Disease	Week 8	Week 9
AD	6,328	6,842
BD	82	94
AWD	10	0
AJS	481	508
ILI	27,433	27,169
AFP	11	3
SM	23	52
SMN	41	53
SARI	759	681
TYF	232	257
PER	80	79
LSH	1661	1876
BRU	202	170
TB	20	14
SCA	457	449
LIC	800	880
CHP	314	313
MUM	66	97
Others	403	287
Total	39,403	39,837

❖ **The Response**

leishmaniasis in Deir Ezzor:
In response to Leishmaniasis outbreak in Deir Ezzor and to improve access to leishmaniasis health services and diagnosis; WHO in collaboration with the national control program conducted a training workshop on the laboratory diagnosis of leishmaniasis. 25 laboratory technicians from the high-risk governorates in Deir Ezzor, Hassaka, and Raqqa were trained on the laboratory procedures of leishmaniasis diagnosing. WHO is also supporting the national control program in the establishment of leishmaniasis laboratories in northeast governorates by providing microscopes and lab supplies,.

Acute flaccid paralysis: Stool samples were collected from AFP cases and sent to the reference lab in Damascus. Laboratory tests of all AFP cases in 2018 showed a negative result for polio. up to week 9 the annualized non-polio AFP rate is 5.7

Table-2: Distribution of cases per age group, and by Governorate-week-9, 2019:

Code	age group	Idleb	Hassaka	Raqqa	Sweida	Qunaitra	Lattakia	Aleppo	Hama	Homs	Daraa	Damascus	DierEzor	Rural Damascus	Tartous	Grand Total	
AD	< 5	539	85	117	30	57	401	343	71	86	78	489	747	330	143	3,516	6,842
	≥ 5	663	72	147	26	62	312	283	124	126	83	368	688	298	74	3,326	
BD	< 5	0	6	6	0	0	0	0	0	0	0	0	1	0	0	13	94
	≥ 5	0	21	16	0	0	1	0	0	1	5	1	36	0	0	81	
AWD	< 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	≥ 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AJS	< 5	61	34	31	1	3	15	23	25	5	22	21	51	10	2	304	509
	≥ 5	11	20	46	0	0	7	8	3	2	13	7	82	2	4	205	
ILI	< 5	694	412	89	203	565	2,600	2,445	186	404	357	878	2,070	1,766	3,571	16,240	27,169
	≥ 5	900	268	81	112	284	2,043	1,630	208	278	209	570	1,734	877	1,735	10,929	
AFP	< 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	≥ 5	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	
SM	< 5	4	1	4	0	1	0	0	0	1	0	0	10	2	1	24	52
	≥ 5	0	1	10	0	1	1	1	0	0	0	0	13	0	1	28	
SMN	< 5	2	3	2	0	0	1	0	1	0	0	3	3	0	2	17	53
	≥ 5	0	0	12	0	0	1	0	4	0	1	3	14	0	1	36	
SARI	< 5	1	1	19	15	0	32	1	50	0	0	49	18	0	141	327	681
	≥ 5	0	0	17	1	0	5	33	103	0	0	30	18	0	147	354	
Others	< 5	378	55	161	16	36	172	729	376	257	44	50	918	96	21	3,309	4,434
	≥ 5	89	66	56	6	4	15	211	15	44	18	11	569	16	5	1,125	
Total Sum of < 5		1,679	597	429	265	662	3,221	3,541	709	753	501	1,490	3,818	2,204	3,881	23,750	39,837
Total Sum of ≥ 5		1,663	448	385	145	351	2,385	2,166	457	451	329	991	3,156	1,193	1,967	16,087	
Total		3,342	1,045	814	410	1,013	5,606	5,707	1,166	1,204	830	2,481	6,974	3,397	5,848	39,837	