

Highlights:

The modified reporting format was used for the first time by all reporting sties for this week

I. Completeness & Timeliness of Reporting

The reporting completeness was 82%; (108 out of 131 EWARS sentinel surveillance sites). Twelve out of 14 governorates in Syria reported this week; In the twelve governorates, from where data were received, 108 out of 126 (86%) EWARS sentinel sites reported this week. The timeliness among reporting governorates was 100%.

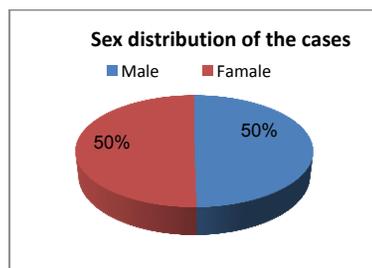
II. The Morbidity & Mortality Cases

Out of 60,611 consultations, 3,134 were for EWARS reportable health conditions. The highest percentage was for ILI 50% (1,565 cases) followed by the AD (Acute Diarrhoea) 16% (502 cases), in addition to 168 cases of AJS (suspected hepatitis), 25 BD (Bloody Diarrhoea), 4 SMN (suspected meningitis), 3 SM (suspected measles) and one AWD. The reported “other cases” were 866 most of which were Leishmaniais (353), lice (362) scabies (131), TB (6), typhoid (3) and brucellosis (2) cases. See graph 1 which shows the distribution of the proportion of AD, BD and AJS Cases to the total consultations by Governorates. Table-1 illustrates the proportion of all cases to the total consultations in all reporting governorates.

The majority of the cases were among over 5 age group (54%, 1,686 cases out of 3,134) Most of these cases were for ILI 41%, 692 out of 1686) and then AD cases 12%. While 46% of the cases were for under 5 age group (1448 out of 3134) where ILI cases constitute 60 %.

The overall cases were distributed equally between females and males (see graph 2) while 59% of “water borne diseases” in specific (AD, BD and AJS) were among males.

Graph 2: Sex distribution of the cases



Graph-1: the proportion of AD, BD and AJS Cases to the total consultations by Governorate

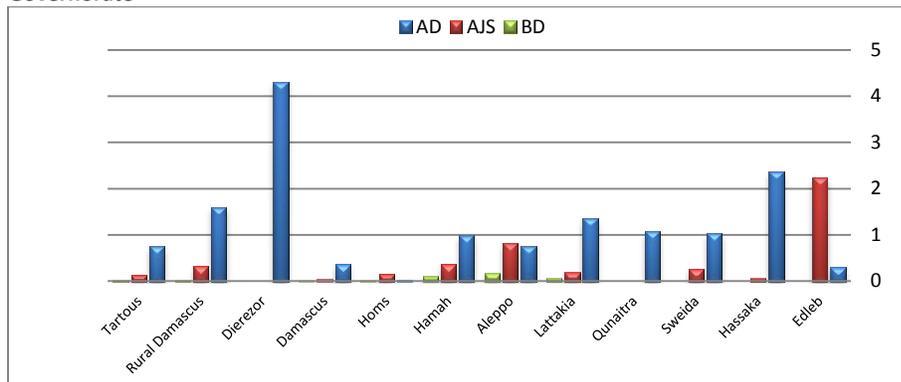


Table 1: The proportion of all cases to the total consultations in all reporting governorates.

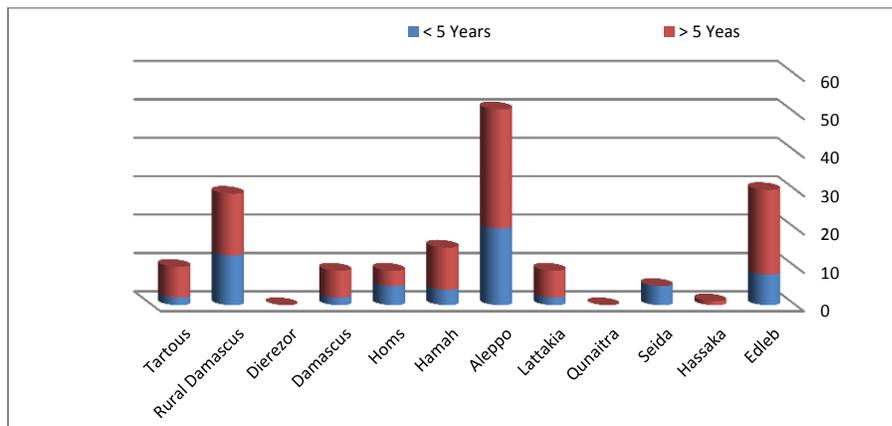
| Gov | OC | OD | AFP | SMN | SM | AJS | BD | AD | ILI |
|------------|-------|------|------|------|------|------|------|------|------|
| Edleb | 94.42 | 0.00 | 0.00 | 0.00 | 0.00 | 2.23 | 0.00 | 0.30 | 2.98 |
| Hassaka | 94.91 | 0.06 | 0.00 | 0.00 | 0.00 | 0.06 | 0.00 | 2.36 | 2.61 |
| Sweida | 89.40 | 1.40 | 0.00 | 0.16 | 0.00 | 0.27 | 0.00 | 1.02 | 7.75 |
| Qunaitra | 93.80 | 0.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.08 | 4.58 |
| Lattakia | 90.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.18 | 0.06 | 1.35 | 7.80 |
| Aleppo | 91.72 | 5.38 | 0.00 | 0.00 | 0.00 | 0.83 | 0.16 | 0.76 | 1.15 |
| Hamah | 87.01 | 9.26 | 0.00 | 0.00 | 0.00 | 0.37 | 0.10 | 0.98 | 2.28 |
| Homs | 99.42 | 0.18 | 0.00 | 0.00 | 0.00 | 0.16 | 0.02 | 0.04 | 0.19 |
| Damascus | 98.27 | 0.16 | 0.00 | 0.00 | 0.01 | 0.05 | 0.02 | 0.36 | 1.13 |
| Dierzozor | 86.21 | 9.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.31 | 0.00 |
| R.Damascus | 93.55 | 0.18 | 0.00 | 0.00 | 0.00 | 0.33 | 0.02 | 1.60 | 4.32 |
| Tartous | 96.25 | 0.41 | 0.00 | 0.01 | 0.03 | 0.14 | 0.03 | 0.75 | 2.40 |

OC: Other consultations, OD: Other diseases

For more details please refer to Table-2.

64 % of suspected hepatitis (AJS) was registered among over 5 years old (male: 58%). Most of these cases were in Aleppo: 30% (51 cases) and Edleb: 18% (30 cases). In Edleb, the proportion of suspected hepatitis cases to the total consultations in one site reached 10% most of which were reported among males (24 cases) in terms of sex distribution and among over 5 age group (22 cases) in terms of age distribution. See Graph-3 and table 3.

Graph-3: Distribution of hepatitis cases by governorate and age group



III. The Response:

The AWD reported from Edleb was investigated and it was found to be acute diarrhoea cured with no complications. Blood samples and oral fluids were collected from the suspected measles cases and the routine investigation procedures took place in Damascus (1 case) and Tartous (2 cases). It showed that the cases reported in Tartous (coming from Aleppo) were not vaccinated and they were positive. As a response, a vaccination campaign was carried out in the area (measles vaccination for 6-12 month and MMR for 1-15 years) see table 2.

Investigation forms for meningitis cases were filled in and cases were managed properly. Preventive treatments for the contacts were also provided.

Some cases of BD found in some governorates revealed to be **amebic dysentery**, other suspected shigelloses were treated with proper antibiotics while sever cases were referred to the hospital. Places where these cases reside were also investigated to check the water chlorination. Water samples were collected for bacteriological testing while surveillance efforts for detecting new cases are going on. Other response measures were also taken with regard to case management of TB (old cases) and Leishmaniasis in addition to ensuring the implementation of sanitation measures in accordance with available capacity. **Table 2: lab results for measles cases**

| Governorate | Sex | Age | Vaccination Status | Results |
|-------------|--------|----------|--------------------|----------------------------|
| Damascus | Female | 1 year | Vaccinated | Positive- post vaccination |
| Tartous | Male | 7 years | Not vaccinated | Positive |
| Tartous | Female | 5 months | Not vaccinated | Positive |

Table-3: Distribution of cases per age group, and by Governorate- week-13, 2013

| Code | Age group | Edleb | Hasaka | Sweida | Qunaitra | Lattakia | Aleppo | Hama | Homs | Damascus | Dierezzor | Rural Damascus | Tartous | Total |
|------------------|------------|-------|--------|--------|----------|----------|--------|------|------|----------|-----------|----------------|---------|-------|
| AD | 5 > Male | 2 | 29 | 9 | 1 | 27 | 20 | 14 | 0 | 18 | 11 | 47 | 11 | 189 |
| | 5 > Female | 2 | 0 | 3 | 0 | 21 | 9 | 9 | 0 | 23 | 7 | 30 | 13 | 117 |
| | 5 < Male | 0 | 9 | 1 | 3 | 10 | 9 | 10 | 2 | 13 | 2 | 36 | 16 | 111 |
| | 5 < Female | 0 | 0 | 6 | 0 | 9 | 9 | 7 | 0 | 11 | 0 | 28 | 15 | 85 |
| AFP | 5 > Male | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 > Female | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 < Male | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 < Female | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AJS | 5 > Male | 7 | 0 | 2 | 0 | 0 | 11 | 2 | 1 | 0 | 0 | 11 | 2 | 36 |
| | 5 > Female | 1 | 0 | 3 | 0 | 2 | 9 | 2 | 4 | 2 | 0 | 2 | 0 | 25 |
| | 5 < Male | 17 | 1 | 0 | 0 | 3 | 16 | 5 | 1 | 3 | 0 | 11 | 5 | 62 |
| | 5 < Female | 5 | 0 | 0 | 0 | 4 | 15 | 6 | 3 | 4 | 0 | 5 | 3 | 45 |
| AWD | 5 > Male | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 > Female | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 < Male | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 < Female | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| BD | 5 > Male | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 2 | 6 |
| | 5 > Female | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 1 | 1 | 0 | 1 | 0 | 8 |
| | 5 < Male | 0 | 0 | 0 | 0 | 0 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 7 |
| | 5 < Female | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 4 |
| ILI | 5 > Male | 12 | 36 | 29 | 2 | 159 | 24 | 37 | 0 | 68 | 0 | 103 | 51 | 521 |
| | 5 > Female | 15 | 0 | 25 | 0 | 138 | 26 | 29 | 0 | 64 | 0 | 33 | 22 | 352 |
| | 5 < Male | 9 | 6 | 44 | 15 | 34 | 9 | 14 | 8 | 29 | 0 | 80 | 57 | 305 |
| | 5 < Female | 4 | 0 | 46 | 0 | 55 | 12 | 13 | 3 | 42 | 0 | 165 | 47 | 387 |
| MAL | 5 > Male | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 > Female | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 < Male | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 < Female | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SM | 5 > Male | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| | 5 > Female | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 2 |
| | 5 < Male | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 < Female | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SMN | 5 > Male | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 5 > Female | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| | 5 < Male | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 5 < Female | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Others | 5 > Male | 0 | 0 | 10 | 2 | 0 | 40 | 14 | 1 | 1 | 11 | 4 | 3 | 86 |
| | 5 > Female | 0 | 1 | 2 | 0 | 0 | 53 | 22 | 2 | 4 | 8 | 2 | 9 | 103 |
| | 5 < Male | 0 | 0 | 8 | 0 | 0 | 110 | 70 | 5 | 9 | 15 | 5 | 11 | 233 |
| | 5 < Female | 0 | 0 | 6 | 0 | 0 | 129 | 271 | 2 | 14 | 10 | 5 | 7 | 444 |
| 5 > Total Male | | 21 | 65 | 51 | 5 | 187 | 95 | 68 | 2 | 88 | 22 | 166 | 70 | 840 |
| 5 > Total Female | | 18 | 1 | 33 | 0 | 163 | 100 | 62 | 7 | 95 | 15 | 68 | 46 | 608 |
| 5 < Total Male | | 26 | 16 | 54 | 18 | 47 | 148 | 102 | 16 | 54 | 17 | 132 | 89 | 719 |
| 5 < Total Female | | 10 | 0 | 59 | 0 | 68 | 168 | 297 | 8 | 72 | 10 | 203 | 72 | 967 |
| Grand Total | | 75 | 82 | 197 | 23 | 465 | 511 | 529 | 33 | 309 | 64 | 569 | 277 | 3134 |