

## Syrian Arab Republic: EWARS Weekly Epidemiological Bulletin

EPI week 2023 Week 48 (27 November - 3 December 2023)

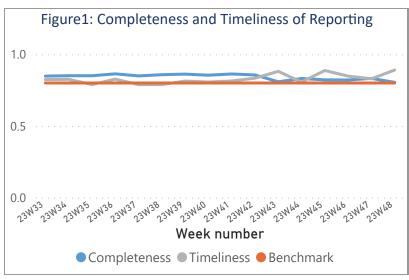


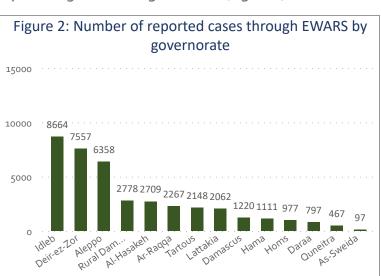
## **Highlights**

- A total of 234,189 consultations were recorded in all the 14 governorates
- The leading causes of morbidity among all age groups were Influenza Like Illness 22,759 (58.04%) and Acute Diarrhea 10,534 (26.86%).
- A total of 13 AWD cases were reported during this week, and the total number of AWD cases reported since the start of the outbreak is 10,989
- 8 AFP cases reported in Hama (4) Lattakia (2) Ar-Raqqa (1) Damascus (1).
- 26 suspected measles cases in Idleb (9) Aleppo (7) Deir-ez-Zor (4) Hama (1) Ar-Raqqa (1) Al-Hasakeh (1) Homs (1) Damascus (1) Daraa (1)

#### **Performance Indicators**

• A total of 1,207 out of 1,500 active reporting sites (80.47%) in all 14 governorates of Syria reported through EWARS, with 89.06% timeliness among those sites providing data during the week (Figure 1)





#### Morbidity

- A total of 234,189 consultations were recorded in 1,207 health facilities in 14 governorates. Among them, 39,212 cases were EWARS notifiable health conditions (Figure 2)
- The leading causes of morbidity among all age groups were Influenza Like Illness 22,759 (58.04%) and Acute Diarrhea 10,534 (26.86%).
- Of the 39,212 total reported cases, 51.39% (20,153) were female, and 41.72% (16,359) were children under 5 years old
- Children under 5 years of age 57.3% of cases are ILI, and ILI representing 58.57% of the cases above 5 years during this reporting period (Figure 3)
- The proportional morbidity of ILI is 9.72% and the upwards trend was observed: 2.04% from the previous week (Figure 4)
- The proportional morbidity of AD is 4.5% and the upwards trend was observed: 0.73% from the previous week (Figure 4)

Figure 3: Proportional morbidity by age group

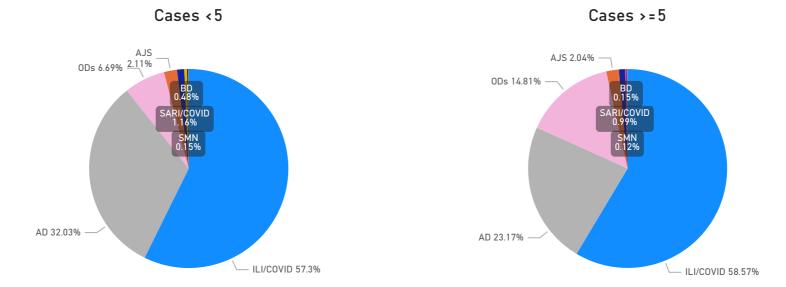
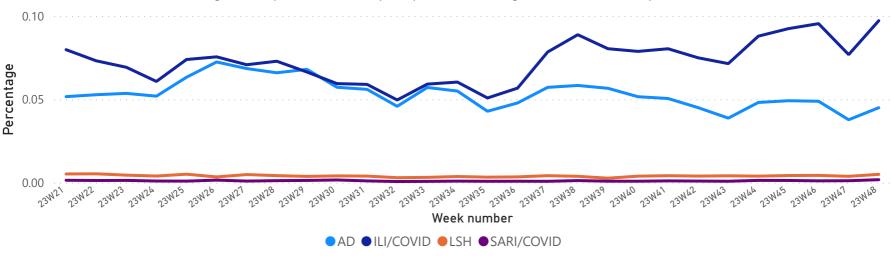


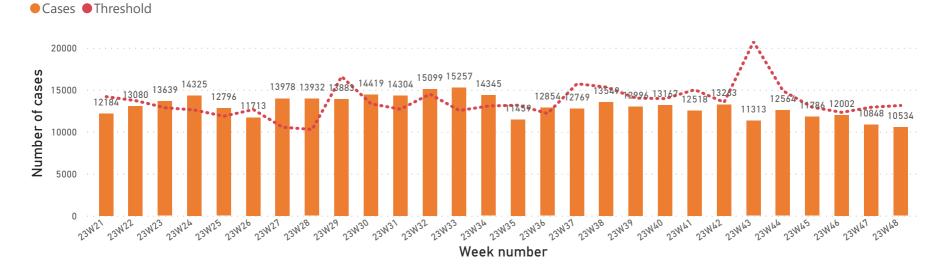
Figure 4: Proportion of Morbidity of top 4 diseases among the total consultation by week



### 1. Waterborne Diseases

- There was 13 case of acute watery diarrhea (AWD)
- A total of 10,534 AD cases were reported during this week

Figure 5: Number of acute diarrhea by week



#### 2. Vaccine Preventable Diseases

- 8 cases of acute flaccid paralysis (AFP) were reported in this week
- Number of suspected measles in thre reporting week was (26) cases. Most cases were reported from Idleb (9) Aleppo (7) Deir-ez-Zor (4) Hama (1) Ar-Raqqa (1) Al-Hasakeh (1) Homs (1) Damascus (1) Daraa (1).

Figure 6: Suspected measles cases by week



## 3. Respiratory Diseases

- In total, 22,759 ILI cases were reported during week.
- In total, 417 SARI cases were reported, and the trend is shown in (Figure 7). Most of the cases were reported from Damascus (108) Al-Hasakeh (85) Tartous (53) Daraa (42) Hama (40) Ar-Ragga (21) Aleppo (18) Deir-ez-Zor (14) Homs (14) Lattakia (11) Quneitra (6) As-Sweida (5)

60K 408 Number of cases 339 324 265 282 271 268 255 247 243 225 209 40K 200 20K 23W30 23W3L 23M23 23M24 23M26 23M26 23M27 23M28 23M29 33M21 23M38 23M39 23M10 23M11 23M12 23M12 23M12 23M12 23M10 23431 23432 23433 23435 23436 Week number

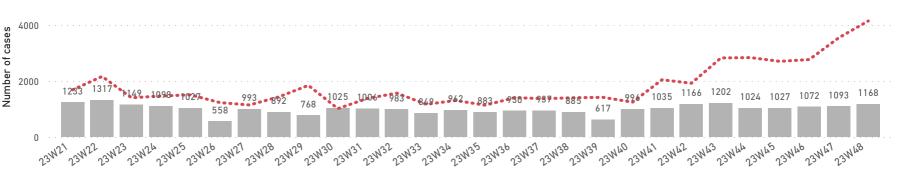
Figure 7: SARI cases by week

4. Other Diseases

CasesThreshold

Cases Threshold

- 4,478 cases were reported as "other diseases" through EWARS. The health conditions with the highest incidents were Lice (1,484) Leishmaniasis (1,168) and Scabis (662)
- During this week, most of suspected leishmaniasis cases were reported from Aleppo (654) Hama (238) Idleb (127)



Week number

Figure 8: Suspected Leishmaniasis cases by week

#### COVID-19

- As of 3 December 2023, a total of 57,737 confirmed cases in 14 governorates, Damascus (11,324) (19.61%), Lattakia (9,886) (17.12%), Aleppo (8,816) (15.27%), Homs (6,178) (10.7%), Rural Damascus (5,281) (9.15%), Tartous (4,070) (7.05%), Dar'a (3,312) (5.74%), As-Sweida (3,058) (5.3%), Hama (2,878) (4.98%), Al-Hasakeh (1,055) (1.83%), Quneitra (1,005) (1.74%), Deir-ez-Zor (842) (1.46%), Ar-Raqqa (25) (0.04%), Idleb (7) (0.01%),
- Number of deaths related to COVID-19 is 3,165 in 11 governorates, CFR 5.5%
- A total of 23,176 suspected COVID-19 cases were reported by EWARS system, in this week. Most of cases were reported from Idleb (4,315), Aleppo (4,185) and Deir-ez-Zor (3,754)

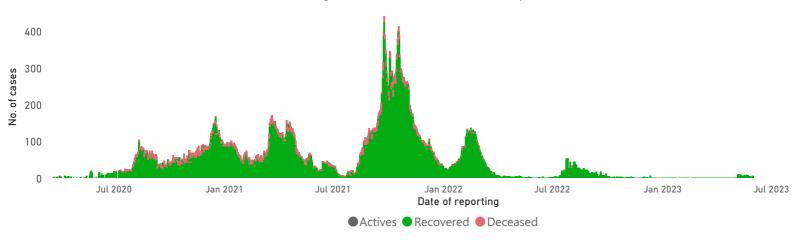
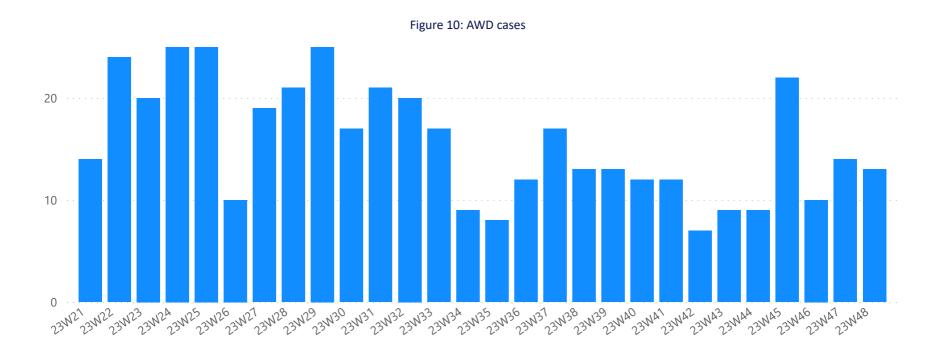


Figure 9: Confirmed COVID-19 cases by outcome

## **AWD**

• A total of 13 AWD cases were reported during this week, and the total number of AWD cases reported since the start of the outbreak is 10,989

the total number of RDT tested positive 1,852, and 164 Culture were tested positive since 22 August 2022.



# **Comparison with Previous Week by Health Condition**

| DiseaseName<br>•                          | 23W45  | 23W46  | 23W47  | 23W48  | Total   |
|---|--------|--------|--------|--------|---------|
| Acute bloody diarrhea                     | 118    | 116    | 121    | 113    | 468     |
| Acute Diarrhea                            | 11,786 | 12,002 | 10,848 | 10,534 | 45,170  |
| Acute Flaccid Paralysis                   | 2      | 6      | 2      | 8      | 18      |
| Acute Watery diarrhea (suspected cholera) | 22     | 10     | 14     | 13     | 59      |
| Brucellosis                               | 137    | 116    | 110    | 125    | 488     |
| chicken pox                               | 192    | 153    | 233    | 225    | 803     |
| Influenza Like Illness                    | 22,155 | 23,443 | 22,082 | 22,759 | 90,439  |
| Leishmaniasis                             | 1,027  | 1,072  | 1,093  | 1,168  | 4,360   |
| Lice                                      | 1,309  | 1,510  | 1,497  | 1,484  | 5,800   |
| Measles and Rubella                       | 43     | 32     | 26     | 26     | 127     |
| Meningitis                                | 54     | 59     | 58     | 52     | 223     |
| Mumps                                     | 50     | 53     | 45     | 53     | 201     |
| Others                                    | 392    | 350    | 250    | 407    | 1,399   |
| Pertussis                                 | 117    | 153    | 145    | 118    | 533     |
| SARI                                      | 316    | 268    | 335    | 417    | 1,336   |
| Scabis                                    | 753    | 727    | 625    | 662    | 2,767   |
| Suspected Hepatitis (Jaundice)            | 1,128  | 895    | 796    | 812    | 3,631   |
| Tuberculosis                              | 71     | 61     | 49     | 22     | 203     |
| Typhoid Fever                             | 205    | 182    | 197    | 214    | 798     |
| Total                                     | 39,877 | 41,208 | 38,526 | 39,212 | 158,823 |

# Case Distribution by Age Group, and by Governorate

Week 2023 Week 48 (27 November - 3 December 2023)

| DiseaseGroup  ▼                                  | Aleppo       | Al-<br>Hasakeh | Ar-Raqqa     | As-<br>Sweida | Damascus    | Daraa     | Deir-ez-<br>Zor | Hama      | Homs      | Idleb          | Lattakia   | Quneitra  | Rural<br>Damascus | Tartous     | Total          |
|--|--------------|----------------|--------------|---------------|-------------|-----------|-----------------|-----------|-----------|----------------|------------|-----------|-------------------|-------------|----------------|
| Priority Diseases Suspected Hepatitis (Jaundice) | 5,267<br>107 | 2,199<br>9     | 2,171<br>267 | 90<br>11      | 1,163<br>15 | 753<br>36 | 7,103<br>168    | 713<br>29 | 782<br>44 | 7,670<br>45    | 1,917<br>8 | 408<br>29 | 2,677<br>14       | 1,821<br>30 | 34,734<br>812  |
| Less than 5 years                                | 33           | 5              | 152          | 3             | 4           | 5         | 94              | 4         | 4         | 16             | 2          | 21        | 1                 | 1           | 345            |
| 5 years or more                                  | 74           | 4              | 115          | 8             | 11          | 31        | 74              | 25        | 40        | 29             | 6          | 8         | 13                | 29          | 467            |
| SARI   | 18<br>2      | 85<br>33       | 21<br>20     | 5             | 108<br>30   | 42<br>40  | 14              | 40<br>28  | 14        | 0              | 11<br>7    | 6         | 0                 | 53<br>22    | 417<br>190     |
| Less than 5 years                                | 16           | 52             | 1            | 5             | 78          | 2         | 8               | 12        | 12        | 0              | 4          | 6         | 0                 | 31          | 227            |
| 5 years or more  Meningitis                      | 1            |                | 7            |               |             | 4         |                 | 2         |           |                | 0          |           | 0                 | 0           | 52             |
| Less than 5 years                                | 0            | 7              | 7            | 0             | 1           | 2         | 1               | 1         | 2         | 4              | 0          | 0         | 0                 | 0           | 25             |
| 5 years or more                                  | 1            | 1              | 0            | 0             | 5           | 2         | 0               | 1         | 3         | 14             | 0          | 0         | 0                 | 0           | 27             |
| Measles and Rubella                              | 7            | 1              | 0            | 0             | 0           | 1         | 0               | 1         | 0         | 9              | 0          | 0         | 0                 | 0           | 26<br>4        |
| Less than 5 years 5 years or more                | 6            | 0              | 1            | 0             | 1           | 0         | 4               | 0         | 1         | 9              | 0          | 0         | 0                 | 0           | 22             |
| Influenza Like Illness                           | 4,167        | 1,440          | 1,193        | 43            |             | 430       | 3,740           | 435       | 522       | 4,315          | 1,669      | 229       | 2,306             | 1,426       | 22,759         |
| Less than 5 years                                | 1,236        | 688            | 597          | 11            | 329         | 161       | 2,030           | 293       | 140       | 2,154          | 604        | 82        | 711               | 337         | 9,373          |
| 5 years or more                                  | 2,931        | 752            | 596          | 32            | 515         | 269       | 1,710           | 142       | 382       | 2,161          | 1,065      | 147       | 1,595             | 1,089       | 13,386         |
| Acute Watery diarrhea (suspected cholera)        | 0            | 5              | 0            | 0             | 0           | 0         | 2               | 0         | 1         | 4              | 0          | 1         | 0                 | 0           | 13             |
| Less than 5 years                                | 0            | 5              | 0            | 0             | 0           | 0         | 1               | 0         | 1         | 1              | 0          | 1         | 0                 | 0           | 9              |
| 5 years or more Acute Flaccid Paralysis          | 0            | 0              | 0            | 0             | 0           | 0         | 0               | 0         | 0         | 3              | 0          | 0         | 0                 | 0           | 8              |
| Less than 5 years                                | 0            | 0              | 1            | 0             | 1           | 0         | 0               | 0         | 0         | 0              | 0          | 0         | 0                 | 0           | 2              |
| 5 years or more                                  | 0            | 0              | 0            | 0             | 0           | 0         | 0               | 4         | 0         | 0              | 2          | 0         | 0                 | 0           | 6              |
| Acute Diarrhea                                   | 967          | 638            | 654          | 31            |             | 235       | 3,110           | 201       | 195       | 3,279          | 227        | 140       | 357               | 312         | 10,534         |
| Less than 5 years                                | 372<br>595   | 391<br>247     | 334<br>320   | 10            | 85<br>103   | 90<br>145 | 1,765<br>1,345  | 112<br>89 | 57<br>138 | 1,609<br>1,670 | 112<br>115 | 57        | 148<br>209        | 97<br>215   | 5,239<br>5,295 |
| 5 years or more Acute bloody diarrhea            | 0            |                | 27           | 21            |             | 145       | 1,345           |           | 130       | 1,670          | 0          | 83        |                   | 0           | 113            |
| Less than 5 years                                | 0            | 9              | 11           | 0             | 0           | 3         | 55              | 0         | 0         | 0              | 0          | 0         | 0                 | 0           | 78             |
| 5 years or more                                  | 0            | 4              | 16           | 0             | 0           | 2         | 9               | 1         | 0         | 0              | 0          | 3         | 0                 | 0           | 35             |
| Other Diseases                                   | 1,091        | 510            | 96           |               |             | 44<br>3   |                 | 398<br>4  | 195       | 994            | 145        | 59        | 101<br>5          | 327         | 4,478          |
| Typhoid Fever Less than 5 years                  | 2<br>0       | 0              | 44<br>5      | U             | 0           | 0         | 62<br>12        | 0         | 0         | 75<br>41       | 0          | 16        | 0                 | 0           | 214<br>64      |
| 5 years or more                                  | 2            | 1              | 39           | 0             | 0           | 3         | 50              | 4         | 2         | 34             | 0          | 10        | 5                 | 0           | 150            |
| Tuberculosis                                     | 8            | 0              | 0            | 1 0           | 3           | 0         | 0               | 0         | 0         | 6 2            | 0          |           | 3                 | 1 0         | 22<br>3        |
| Less than 5 years 5 years or more                | 8            | 0              | 0            | 1             | 2           | 0         | 0               | 0         | 0         | 4              | 0          |           | 3                 | 1           | 19             |
| Scabis   | 127          |                | 3            |               |             | 12        | 115             | 47        |           | 33             | 62         | 3         | 20                | 15          | 662            |
| Less than 5 years                                | 22           | 22             | 0            | 0             | 3           | 3         | 25              | 5         | 18        | 1              | 7          | 2         | 2                 | 0           | 110            |
| 5 years or more                                  | 105          | 54             | 3            | 2             | 18          | 9         | 90              | 42        | 108       | 32             | 55         | 1         | 18                | 15          | 552            |
| Pertussis  | 0            | 0              | 10<br>5      | 0             | 0           | 0         | 80<br>35        | 0         | 0         | 27<br>13       | 0          | 0         | 0                 | 0           | 118<br>53      |
| Less than 5 years 5 years or more                | 0            | 0              | 5            |               | 0           | 0         | 45              | 1         | 0         | 14             | 0          |           | 0                 | 0           | 65             |
| Others   | 3            |                |              | 0             |             |           | 62              |           |           |                |            | 15        |                   |             |                |
| Less than 5 years                                | 2            |                | 0            | 0             | 0           | 2         | 18              | 2         | 2         | 0              | 6          | 15        | 0                 | 0           | 146            |
| 5 years or more                                  | 1            | 145            | 0            | 0             | 0           | 19        | 44              | 7         |           | 2              | 9          | 0         | 23                | 0           | 261            |
| Mumps Less than 5 years                          | 3 2          | 0              | 0            | 0             | 0           | 0         | 6<br>2          | 0         | 0         | 41<br>1        | 0          | 0         | 1<br>0            | 0           | 53<br>5        |
| 5 years or more                                  | 1            | 2              | 0            | 0             | 0           | 0         | 4               | 0         | 0         | 40             | 0          | 0         | 1                 | 0           | 48             |
| Lice   | 256          |                |              |               |             |           |                 |           |           |                |            |           |                   | 301         | 1,484          |
| Less than 5 years                                | 31           | 63             | 2            | 0             | 3           | 0         | 7               | 11        | 5         | 260            | 3          | 1         | 7                 | 0           | 393            |
| 5 years or more                                  | 225          | 73             | 1            | 0             | 12          | 2         | 21              | 83        | 29        | 283            | 45<br>20   | 2         | 14                | 301         | 1,091          |
| Leishmaniasis Less than 5 years                  | 654<br>113   | 4              | 19<br>7      | 0             | 0           | 0         | 63<br>19        | 238<br>34 | 12<br>1   | 127<br>37      | 0          | 0         | 5<br>1            | 7           | 1,168<br>216   |
| 5 years or more                                  | 541          | 18             | 12           | 0             | 1           | 0         | 44              | 204       | 11        | 90             | 20         | 0         | 4                 | 7           | 952            |
| chicken pox                                      | 21           |                |              |               |             |           |                 |           |           |                |            |           |                   |             |                |
| Less than 5 years                                | 6            | 10             | 0            | 0             | 1           | 2         | 5               | 1         | 0         | 44             | 0          | 11        | 3                 | 0           | 83             |
| 5 years or more Brucellosis                      | 15<br>17     | 16             | 16           | 0             | 13          | 0         | 15<br>18        | 2         | 4         | 62<br>34       | 0          | 9         | 9                 | 3           | 142<br>125     |
| Less than 5 years                                | 0            | 0              | 0            | 2             | 0           | 0         | 18              | 0         | 0         | 16             | 0          | 2         | 0                 | 0           | 21             |
| 5 years or more                                  | 17           | 3              | 16           | 2             | 3           | 4         | 17              | 2         | 4         | 18             | 0          | 7         | 11                | 0           | 104            |
| Total  | 6,358        | 2,709          | 2,267        | 97            | 1,220       | 797       | 7,557           | 1,111     | 977       | 8,664          | 2,062      | 467       | 2,778             | 2,148       | 39,212         |