

# Syrian Arab Republic: EWARS Weekly Epidemiological Bulletin

**EPI** week

2022 Week 22 (29 May - 4 June 2022)

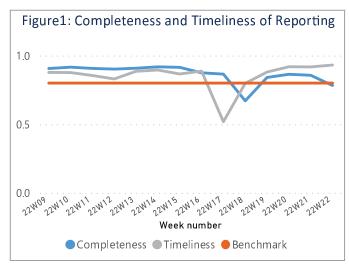


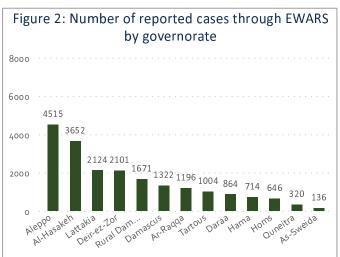
## **Highlights**

- A total of 295,962 consultations were recorded in all the 14 governorates
- The leading causes of morbidity among all age groups were Influenza Like Illness 9,073 (44.77%) and Acute Diarrhea 7,176 (35.41%).
- MoH reported 7 confirmed cases of COVID-19, the cumulative number of COVID-19 confirmed cases is 55,897
- 3 AFP cases reported in Daraa (1) Tartous (1) Homs (1).
- 13 suspected measles cases in Hama (5) Aleppo (3) Rural Damascus (2) Tartous (1) Daraa (1) Quneitra (1)

### **Performance Indicators**

• A total of 1,154 out of 1,475 active reporting sites (78.24%) in all 14 governorates of Syria reported through EWARS, with 93.15% timeliness among those sites providing data during the week (Figure 1)





### **Morbidity**

- A total of 295,962 consultations were recorded in 1,154 health facilities in 14 governorates. Among them, 20,265 cases were EWARS notifiable health conditions (Figure 2)
- The leading causes of morbidity among all age groups were Influenza Like Illness 9,073 (44.77%) and Acute Diarrhea 7,176 (35.41%).
- Of the 20,265 total reported cases, 50.21% (10,176) were female, and 41.53% (8,417) were children under 5 years old
- Children under 5 years of age 43.72% of cases are ILI, and ILI representing 45.52% of the cases above 5 years during this reporting period (Figure 3)
- The proportional morbidity of ILI is 3.07% and the downwards trend was observed: -2.32% from the previous week (Figure 4)
- The proportional morbidity of AD is 2.42% and the downwards trend was observed: -1.94% from the previous week (Figure 4)

Figure 3: Proportional morbidity by age group

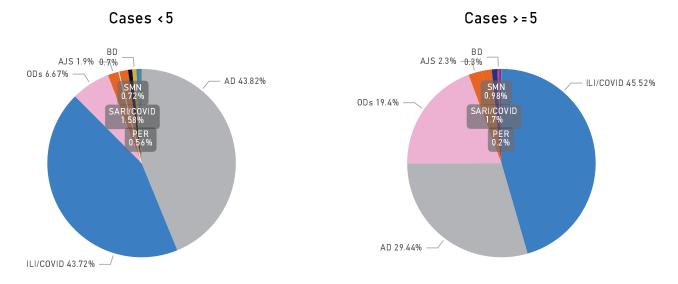
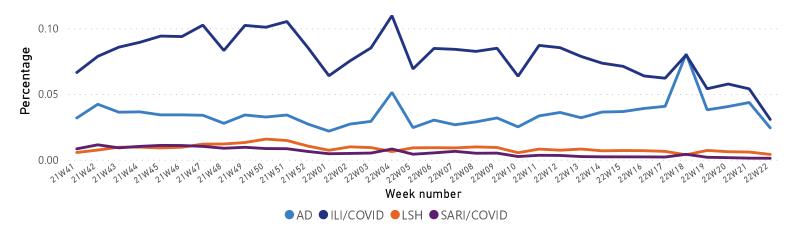


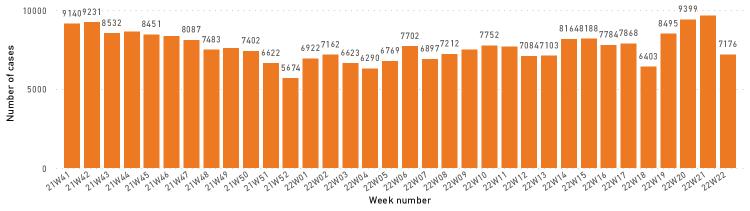
Figure 4: Proportion of Morbidity of top 4 diseases among the total consultation by week



### 1. Waterborne Diseases

- There was 0 case of acute watery diarrhea (AWD)
- A total of 7,176 AD cases were reported during this week

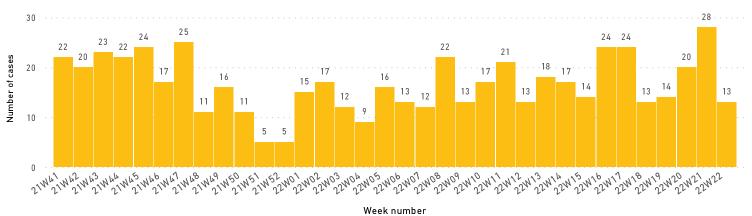
Figure 5: Number of acute diarrhea by week



#### 2. Vaccine Preventable Diseases

- 3 cases of acute flaccid paralysis (AFP) were reported in this week
- Number of suspected measles in thre reporting week was (13) cases. Most cases were reported from Hama (5) Aleppo (3) Rural Damascus (2) Tartous (1) Daraa (1) Quneitra (1).

Figure 6: Suspected measles cases by week



## 3. Respiratory Diseases

- In total, 9,073 ILI cases were reported during week.
- In total, 334 SARI cases were reported, and the trend is shown in (Figure 7). Most of the cases were reported from Damascus (142) Al-Hasakeh (59) Deir-ez-Zor (30) Lattakia (20) Hama (19) Tartous (19) Aleppo (16) Ar-Raqqa (10) (10) As-Sweida (4) Daraa (3) Quneitra (2)

27032642 2383 2481 24262361 2409 Number of cases 2000 1003 1162 27/1/47 211/48 22403 271149 211150 22402 22WOF 25408 22409 25M01 22474 22115 22117 22116 21W45W46 21W51W52 55405 40p 401 554,041,1415413 Week number

Figure 7: SARI cases by week

## 4. Other Diseases

- 2,859 cases were reported as "other diseases" through EWARS. The health conditions with the highest incidents were Leishmaniasis (1,195) Scabis (351) and Lice (331)
- During this week, most of suspected leishmaniasis cases were reported from Aleppo (837) Hama (161) Al-Hasakeh (63) Grand Total (1195)

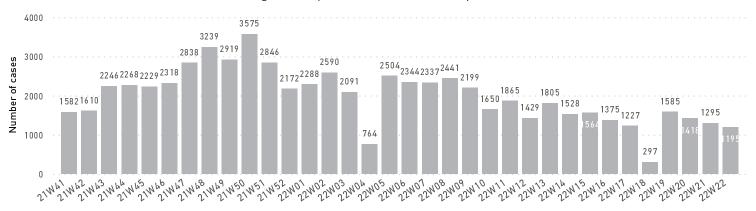


Figure 8: Suspected Leishmaniasis cases by week

Week number

### COVID-19

- As of 4 June 2021, a total of 55,897 confirmed cases in 14 governorates, Damascus (10,717) (19.17%), Lattakia (9,762) (17.46%), Aleppo (8,533) (15.27%), Homs (6,076) (10.87%), Rural Damascus (5,029) (9%), Tartous (3,914)(7%), Dar'a (3,272) (5.85%), As-Sweida (2,961) (5.3%), Hama (2,836) (5.07%), Quneitra (996) (1.78%), Al-(939) (1.68%), Deir-ez-Zor (830) (1.48%), Ar-Raqqa (25) (0.04%), Idleb (7) (0.01%),
- Number of deaths related to COVID-19 is 3,150 in 11 governorates, CFR 5.6%
- A total of 9,407 suspected COVID-19 cases were reported by EWARS system, in this week. Most of cases were reported from Aleppo (1,935), Lattakia (1,316) and Al-Hasakeh (1,294)

Figure 9: Confirmed COVID-19 cases by outcome

400 No. of cases 200 Jul 2020 Jan 2021 Jul 2021 Jan 2022 Date of reporting ■Actives ■ Recovered ■ Deceased Figure 10: Suspected and confirmed COVID-19 cases by week 20000 No. of cases 10000 0K 22403 , 25MO1 , 22MO2 22407 ,'<sub>22W10</sub> 22411 22114 22115 3240522406 221122113 1 14 18 14 18 3 1420 1421 1425 22W08 22W09 Date of reporting

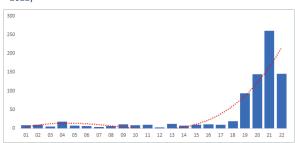
Suspected casesConfirmed cases

## **SMN** in Raqqa

There has been a notable increase of suspected meningitis cases in Raqqa governorate since the week 18. During the week 22 a total of 146 cases were reported.

Between weeks 18 and 22 a total of (664) cases of suspected meningitis cases were reported through EWARS weekly reports in Raqqa, compared with only (43) cases reported in the same period in 2021. WHO is coordinating with health authority in the areas to further understand the extent of this outbreak, and investigate the etiology. Coordinate with EMRO and HQ to provide RDTs and lumbar puncture kits. MoH case management protocol was shared with hospitals, in addition EMRO shared WHO case management protocol. Coordinate with health authority in Raqqa and collect sample collection and transporting from newly suspected cases detected.

Figure 11: Trend of SMN cases in Raqqa Governorate (weeks 1 to 22, 2022)



# **Comparison with Previous Week by Health**

| DiseaseName<br>•                          | 22W19  | 22W20  | 22W21  | 22W22  | Total   |
|---|--------|--------|--------|--------|---------|
| Acute bloody diarrhea                     | 86     | 96     | 132    | 95     | 409     |
| Acute Diarrhea                            | 8,495  | 9,399  | 9,652  | 7,176  | 34,722  |
| Acute Flaccid Paralysis                   | 8      | 5      | 3      | 3      | 19      |
| Acute Watery diarrhea (suspected cholera) | 0      |        | 0      | 0      | 0       |
| Brucellosis                               | 285    | 284    | 263    | 295    | 1,127   |
| chicken pox                               | 251    | 253    | 248    | 199    | 951     |
| Influenza Like Illness                    | 12,088 | 13,377 | 11,953 | 9,073  | 46,491  |
| Leishmaniasis                             | 1,585  | 1,418  | 1,295  | 1,195  | 5,493   |
| Lice                                      | 902    | 958    | 748    | 331    | 2,939   |
| Measles and Rubella                       | 14     | 20     | 28     | 13     | 75      |
| Meningitis                                | 128    | 174    | 299    | 177    | 778     |
| Mumps                                     | 75     | 64     | 44     | 8      | 191     |
| Others                                    | 354    | 304    | 205    | 207    | 1,070   |
| Pertussis                                 | 113    | 143    | 148    | 71     | 475     |
| SARI                                      | 418    | 366    | 266    | 334    | 1,384   |
| Scabis                                    | 404    | 415    | 333    | 351    | 1,503   |
| Suspected Hepatitis (Jaundice)            | 797    | 718    | 647    | 433    | 2,595   |
| Tuberculosis                              | 60     | 46     | 53     | 56     | 215     |
| Typhoid Fever                             | 225    | 202    | 205    | 217    | 849     |
| Total                                     | 26,288 | 28,243 | 26,564 | 20,265 | 101,360 |

# Case Distribution by Age Group, and by Governorate

Week 2022 Week 22 (29 May - 4 June 2022)

| DiseaseGroup                              | Aleppo    | Al-       | Ar-Raqqa  | As-     | Damascus  | Daraa   | Deir-ez-  | Hama    | Homs     | Idleb | Lattakia | Quneitra  | Rural    | Tartous | Total      |
|---|-----------|-----------|-----------|---------|-----------|---------|-----------|---------|----------|-------|----------|-----------|----------|---------|------------|
| Discuse Group                             | , «eppe   | Hasakeh   | 711 Haqqa | Sweida  | Dumascas  | Durau   | Zor       | Tidilid | 1101113  | Taleb | Editaria | Quilcitiu | Damascus | iarcoas | i Otta     |
| Priority Diseases                         | 3,330     | 3,336     | 1,074     | 116     | 1,264     | 766     | 1,678     | 424     | 502      |       | 2,007    | 288       | 1,562    | 988     | 17,335     |
| Suspected Hepatitis (Jaundice)            | 101       | 5         | 76        | 0       | 9         | 26      | 40        | 37      | 36       | 0     | 46       | 3         | 14       | 40      | 433        |
| Less than 5 years                         | 25        | 4         | 51        | 0       | 4         | 8       | 24        | 13      | 16       | 0     | 10       | 3         | 1        | 1       | 160        |
| 5 years or more                           | 76        | 1         | 25        | 0       | 5         | 18      | 16        | 24      | 20       | 0     | 36       | 0         | 13       | 39      | 273        |
| SARI                                      | 16        | 59<br>20  | 10        |         | 142<br>64 | 3       | 30<br>13  | 19      | 10       | 0     | 20<br>0  | 2         | 0        | 19      | 334<br>133 |
| Less than 5 years                         | 10        | 39        | 6         | 0       | 78        | 0       | 17        | 15      | 10       | 0     | 20       | 2         | 0        | 9       | 201        |
| 5 years or more Meningitis                | 3         | 3         | 146       | 0       |           | 0       |           | 1       | 2        |       | 10       | 1         | 0        | 6       | 177        |
| Less than 5 years                         | 0         | 2         | 54        | 0       | 1         | 0       | 0         | 1       | 0        | 0     | 1        | 1         | 0        | 1       | 61         |
| 5 years or more                           | 3         | 1         | 92        | 0       | 3         | 0       | 1         | 0       | 2        | 0     | 9        | 0         | 0        | 5       | 116        |
| Measles and Rubella                       | 3 2       | 0         | 0         | 0       | 0         | 1       | 0         | 5<br>4  | 0        | 0     | 0        | 1         | 2 2      | 1       | 13<br>11   |
| Less than 5 years<br>5 years or more      | 1         | 0         | 0         | 0       | 0         | 0       | 0         | 1       | 0        | 0     | 0        | 0         | 0        | 0       | 2          |
| Influenza Like Illness                    | 1,919     | 1,235     | 357       | 72      | 787       | 404     |           | 110     | 242      |       | 1,296    | 219       | 1,133    | 646     | 9,073      |
| Less than 5 years                         | 651       | 536       | 157       | 23      | 243       | 161     | 418       | 61      | 76       | 0     | 609      | 86        | 426      | 233     | 3,680      |
| 5 years or more                           | 1,268     | 699       | 200       | 49      | 544       | 243     | 235       | 49      | 166      | 0     | 687      | 133       | 707      | 413     | 5,393      |
| Acute Watery diarrhea (suspected cholera) | 0         | 0         |           |         |           | 0       |           |         | 0        |       |          |           | 0        |         |            |
| Less than 5 years                         | 0         | 0         | 0         |         |           | 0       | 0         |         | 0        |       |          |           |          |         |            |
| 5 years or more                           |           | 0         |           |         |           | 0       |           |         | 0        |       |          |           | 0        |         |            |
| Acute Flaccid Paralysis                   | 0         | 0         | 0         | 0       | 0         | 0       | 0         | 0       | 1        | 0     | 0        | 0         | 0        | 1<br>1  | 3 2        |
| Less than 5 years                         | 0         | 0         | 0         | 0       | 0         | 1       | 0         | 0       | 0        | 0     | 0        | 0         | 0        | 0       | 1          |
| 5 years or more Acute Diarrhea            | 1,288     | 1,994     | 467       | 40      |           | 327     | 924       | 252     | 211      | 0     | 635      | 62        | 413      | 275     | 7,176      |
| Less than 5 years                         | 668       | 1,102     | 247       | 18      | 130       | 139     | 584       | 134     | 100      | 0     | 284      | 23        | 185      | 74      | 3,688      |
| 5 years or more                           | 620       | 892       | 220       | 22      | 158       | 188     | 340       | 118     | 111      | 0     | 351      | 39        | 228      | 201     | 3,488      |
| Acute bloody diarrhea                     | 0         | 40<br>23  | 18<br>7   | 0       | 2         | 2       | 30<br>25  | 0       | 0        | 0     | 0        | 0         | 0        | 0       | 95<br>59   |
| Less than 5 years<br>5 years or more      | 0         | 17        | 11        | 0       | 1         | 2       | 5         | 0       | 0        | 0     | 0        | 0         | 0        | 0       | 36         |
| Other Diseases                            | 1,185     | 316       | 122       |         | · ·       |         |           | 290     | 144      |       | 117      | 32        | 109      | 16      | 2,930      |
| Typhoid Fever                             | 11        | 5         | 28        | 0       | _         | 18      | 134       | 3       | 13       | 0     | 0        | 0         | 5        | 0       | 217        |
| Less than 5 years                         | 7         | 5         | 5<br>23   | 0       | 0         | 18      | 14<br>120 | 0       | 5<br>8   | 0     | 0        | 0         | 0<br>5   | 0       | 28<br>189  |
| 5 years or more Tuberculosis              | 26        | 1         | 1         | 0       |           |         | 0         | 0       | 0        | 0     | 17       | U         | 6        | 0       | 56         |
| Less than 5 years                         | 0         | 0         | 0         | 0       | 0         | 0       | 0         | 0       | 0        | 0     | 1        |           | 0        | 0       | 0          |
| 5 years or more                           | 26        | 1         | 1         | 0       | 5         | 0       | 0         | 0       | 0        | 0     | 17       |           | 6        | 0       | 56         |
| Scabis                                    | 74        | 53<br>19  | 0         | 12<br>0 | 19        | 40<br>8 | 74<br>8   | 21<br>0 | 27       | 0     | 19<br>3  | 1 0       | 11       | 0       | 351<br>55  |
| Less than 5 years                         | 68        | 34        | 0         | 12      | 16        | 32      | 66        | 21      | 6<br>21  | 0     | 16       | 1         | 9        | 0       | 296        |
| 5 years or more Pertussis                 | 2         | 0         | 14        | 0       | 2         | 0       | 52        | 1       | 0        | 0     | 0        | 0         | 0        | 0       | 71         |
| Less than 5 years                         | 2         | 0         | 13        | 0       | 2         | 0       | 29        | 1       | 0        | 0     | 0        | 0         | 0        | 0       | 47         |
| 5 years or more                           | 0         | 0         | 1         |         | 0         | 0       | 23        | 0       | 0        | 0     | 0        |           | 0        | 0       | 24         |
| Others                                    | 1         | 114<br>49 | 0         | 0       | 0         | 31      | 4<br>0    | 19      | 20<br>7  | 0     | 3        | 7         | 2        | 0       | 207<br>71  |
| Less than 5 years<br>5 years or more      | 0         | 65        | 0         | 0       | 0         | 29      | 4         | 16      | 13       | 0     | 2        | 1         | 6        | 0       | 136        |
| Mumps                                     | 2         |           |           |         |           |         |           | 0       |          |       | 0        |           |          | 1       | 8          |
| Less than 5 years                         | 1         | 2         |           | 0       | 0         | 0       | 1         | 0       | 0        | 0     | 0        | 0         | 0        | 0       | 4          |
| 5 years or more                           | 1         | 2         |           | 0       | 0         | 0       | 0         | 0       | 0        | 0     | 0        | 0         | 0        | 1       | 4          |
| Lice<br>Less than 5 years                 | 169<br>22 | 54<br>27  | 0         |         |           | 0       | 24        | 31<br>4 | 8        |       | 22<br>0  | 6         | 11<br>0  | 0       | 331<br>60  |
| 5 years or more                           | 147       | 27        |           | 2       |           |         | 22        | 27      | 7        |       | 22       | 3         | 11       | 0       | 271        |
| Leishmaniasis                             | 837       |           |           |         |           |         |           |         |          |       | 41       |           |          | 15      | 1,195      |
| Less than 5 years                         | 143       | 20        | 12        | 0       | 0         | 0       | 0         | 50      | 0        | 0     | 0        | 5         | 0        | 0       | 230        |
| 5 years or more                           | 694       | 43        | 17        | 1       |           | 3       |           | 111     | 15       | 0     | 41       | 7         | 4        | 15      | 965        |
| chicken pox<br>Less than 5 years          | 29<br>10  | 9<br>5    |           |         |           | 6       | 39<br>14  | 5<br>2  | 51<br>26 | 0     | 13<br>5  | 2         | 20<br>8  | 0       | 199<br>88  |
| 5 years or more                           | 19        | 4         |           |         |           |         |           | 3       | 25       | 0     | 8        | 2         | 12       | 0       | 111        |
| Brucellosis                               | 34        | 13        | 36        | 0       | 13        | 0       | 92        | 49      | 10       | 0     | 2        | 2         | 44       | 0       | 295        |
| Less than 5 years                         | 3         | 1         |           | 0       | 0         | 0       | 7         | 2       | 0        | 0     | 0        | 0         | 2        | 0       | 25         |
| 5 years or more                           | 31        | 12        | 26        | 0       | 13        | 0       | 85        | 47      | 10       | 0     | 2        | 2         | 42       | 0       | 270        |
| Total                                     | 4,515     | 3,652     | 1,196     | 136     | 1,322     | 864     | 2,101     | 714     | 646      | 0     | 2,124    | 320       | 1,671    | 1,004   | 20,265     |