

Syrian Arab Republic: EWARS Weekly Epidemiological Bulletin

EPI week 2021 Week 13 (28 March - 3 April 2021)

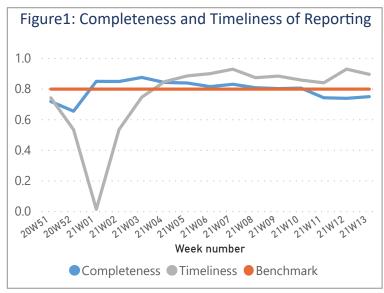


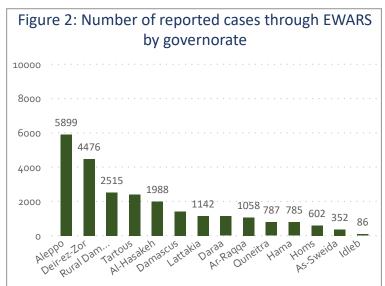
Highlights

- A total of 163,675 consultations were recorded in all the 14 governorates
- The leading causes of morbidity among all age groups were Influenza Like Illness 14,853 (60.31%) and Acute Diarrhea 4,590 (18.64%).
- A total of 2,015 suspected COVID-19 cases were reported by EWARS system, Most of the cases were reported from Tartous (537), Rural Damascus (303) and Damascus (261)
- MoH reported 928 confirmed cases of COVID-19, the cumulative number of COVID-19 confirmed cases is 19284
- 7 AFP cases reported in Hama (4) Aleppo (1) Tartous (1) Rural Damascus (1).
- 6 suspected measles cases in Deir-ez-Zor (2) Aleppo (1) Tartous (1) Al-Hasakeh (1) Ar-Raqqa (1)

Performance Indicators

• A total of 1,024 out of 1364 active reporting sites (75.07%) in all 14 governorates of Syria reported through EWARS, with 89.65% timeliness among those sites providing data during the week (Figure 1)





Morbidity

- A total of 163,675 consultations were recorded in 1024 health facilities in 14 governorates. Among them, 24,629 cases were EWARS notifiable health conditions (Figure 2)
- The leading causes of morbidity among all age groups were Influenza Like Illness 14,853 (60.31%) and Acute Diarrhea 4,590 (18.64%).
- Of the 24,629 total reported cases, 49.58% (12,210) were female, and 37.18% (9,156) were children under 5 years old
- Children under 5 years of age 64.08% of cases are ILI, and ILI representing 58.08% of the cases above 5 years during this reporting period (Figure 3)
- The proportional morbidity of ILI is 9.07% and the upwards trend was observed: 0.95% from the previous week (Figure 4)
- The proportional morbidity of AD is 2.8% and the upwards trend was observed: 0.21% from the previous week (Figure 4)

Figure 3: Proportional morbidity by age group

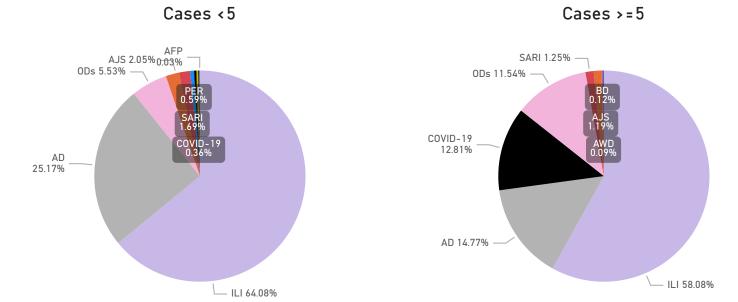
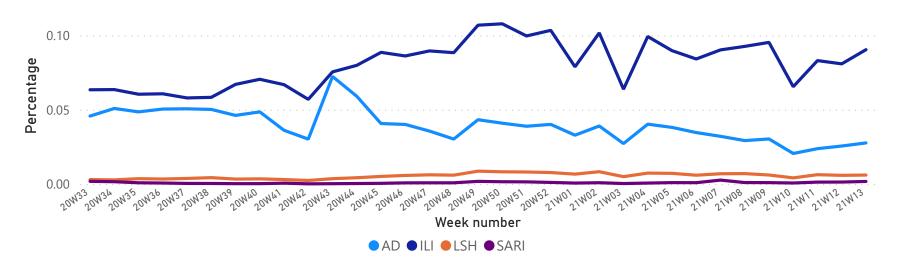


Figure 4: Proportion of Morbidity of top 4 diseases among the total consultation by week



1. Waterborne Diseases

- There was 15 case of acute watery diarrhea (AWD)
- A total of 4,590 AD cases were reported during this week

16897 15000 12439 Number of cases 10679 9910 9734 89698967 10000 750172387361741473537419 6707639364126683 72437170 6452 6398₅₉₈₂ 7055 484543824590 5000 0 20W45 ZOWLO 20W42 20Whl 20Whb 20W52 20W37 20W38 20W39 20Wh1 20W43 20W47 20W48 20W50 20W51 21W01 21W10 201149 5,1405,1403,1408,1402,1408,1403 21W081W09

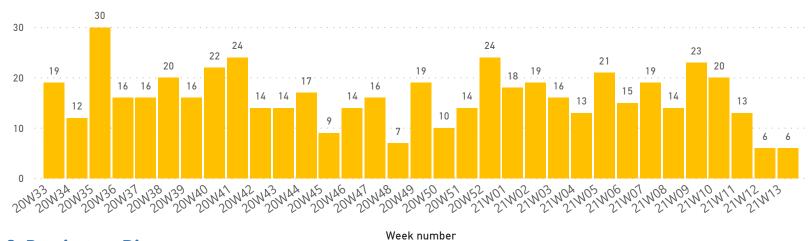
Week number

Figure 5: Number of acute diarrhea by week

2. Vaccine Preventable Diseases

- 7 cases of acute flaccid paralysis (AFP) were reported in this week
- Number of suspected measles in thre reporting week was (6) cases. Most cases were reported from Deir-ez-Zor (2) Aleppo (1) Tartous (1) Al-Hasakeh (1) Ar-Raqqa (1).

Figure 6: Suspected measles cases by week



3. Respiratory Diseases

Number of cases

Number of cases

- In total, 14,853 ILI cases were reported during week.
- In total, 349 SARI cases were reported, and the trend is shown in (Figure 7). Most of the cases were reported from Damascus (117) Al-Hasakeh (69) Tartous (46) Hama (40) Aleppo (36) Lattakia (32) Ar-Ragga (7) Quneitra (2)

626 600 483 376 400 346 337 296 279 256 275 265 260 254 254 217 233 233 194 189 168 166 169 145 153 200 134 137 ,20N39. 20NAO 20NA1 20W38 "51NO1 51W08 20W20W20W20W20W20W20 20420420450457452407 51,051,051 51,451,451,451,451,402,406,

Week number

Figure 7: SARI cases by week

4. Other Diseases

- 2,292 cases were reported as "other diseases" through EWARS. The health conditions with the highest incidents were Leishmaniasis (1,053) Scabis (401) and Lice (224)
- During this week, most of suspected leishmaniasis cases were reported from Aleppo (780) Hama (133) Al-Hasakeh (75)

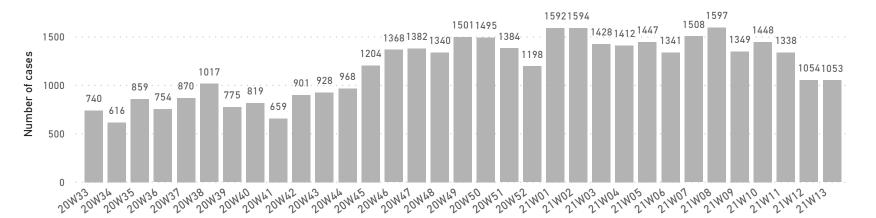


Figure 8: Suspected Leishmaniasis cases by week

Week number

COVID-19

- As of 3 April 2021, a total of 18,356 confirmed cases in 13 governorates, Damascus (4,170) (22.72%), Lattakia (2,798) (15.24%), Aleppo (2,488) (13.55%), Homs (2,433) (13.25%), Rural Damascus (1,857) (10.12%), Tartous (1,494) (8.14%), Dar'a (990) (5.39%), As-Sweida (937) (5.1%), Hama (748) (4.07%), Quneitra (323) (1.76%), Deir-ez-Zor (75) (0.41%), Al-Hasakeh (36) (0.2%), Ar-Raqqa (7) (0.04%),
- 169 cases are Travell Related (0.92%), 1,207 cases are Contact with confirmed case (6.58%), 16,980 cases are undefined source of exposure (92.5%),
- A total of 2,015 suspected COVID-19 cases were reported by EWARS system, in this week. Most of cases were reported from Tartous (537), Rural Damascus (303) and Damascus (261)
- Number of deaths related to COVID-19 is 1,227 in 11 governorates, CFR 6.7%

Figure 9: Confirmed COVID-19 cases by type of exposure

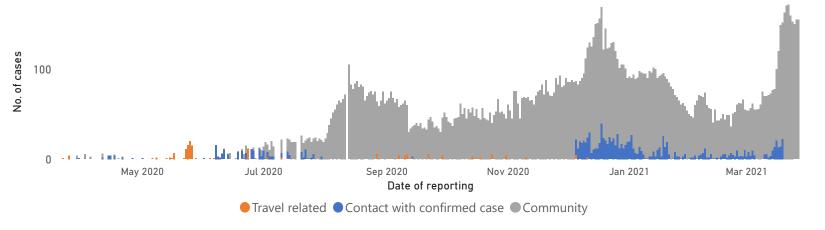
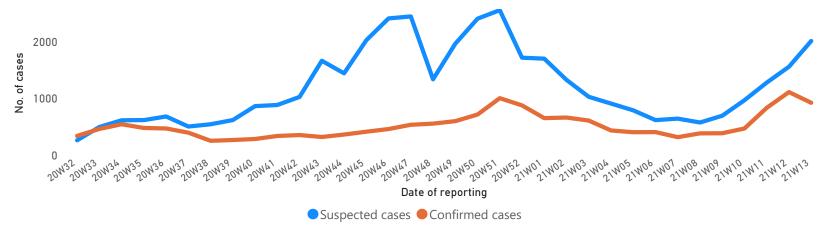


Figure 10: Suspected and confirmed COVID-19 cases by week



Comparison with Previous Week by Health

| DiseaseName | 21W09 | 21W11 | 21W12 | 21W13 | Total |
|---|--------|--------|--------|--------|---------|
| Acute bloody diarrhea | 60 | 43 | 44 | 42 | 189 |
| Acute Diarrhea | 6,412 | 4,845 | 4,382 | 4,590 | 20,229 |
| Acute Flaccid Paralysis | 3 | 7 | 6 | 7 | 23 |
| Acute Watery diarrhea (suspected cholera) | 1 | 0 | 0 | 15 | 16 |
| Brucellosis | 115 | 128 | 151 | 147 | 541 |
| chicken pox | 166 | 156 | 82 | 69 | 473 |
| COVID-19 Suspected | 855 | 1,286 | 1,563 | 2,015 | 5,719 |
| Influenza Like Illness | 19,976 | 16,717 | 13,716 | 14,853 | 65,262 |
| Leishmaniasis | 1,349 | 1,338 | 1,054 | 1,053 | 4,794 |
| Lice | 819 | 582 | 269 | 224 | 1,894 |
| Measles and Rubella | 23 | 13 | 6 | 6 | 48 |
| Meningitis | 28 | 26 | 27 | 29 | 110 |
| Mumps | 54 | 39 | 12 | 17 | 122 |
| Others | 250 | 261 | 233 | 177 | 921 |
| Pertussis | 136 | 95 | 81 | 59 | 371 |
| SARI | 279 | 337 | 290 | 349 | 1,255 |
| Scabis | 455 | 402 | 326 | 401 | 1,584 |
| Suspected Hepatitis (Jaundice) | 583 | 323 | 412 | 372 | 1,690 |
| Tuberculosis | 28 | 23 | 13 | 11 | 75 |
| Typhoid Fever | 173 | 190 | 191 | 193 | 747 |
| Total | 31,765 | 26,811 | 22,858 | 24,629 | 106,063 |

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COVID-19

WHO continues to provide needed support for the Rapid response teams (RRTs) to undertakeinvestigation and response of COVID-19 alerts by facilitating the transportation of RRTs, samples collection and transporting to designated laboratory in 5 governorates. During the reporting period more than 2,197 suspected COVID-19 cases were investigated properly within 24 hours, in addition WHO supported the transporting of 1,000 specimens of COVID-19 suspected cases to the central laboratories in four governorates.

Suspected measles

A total of 6 suspected measles cases were reported during week 13 The blood specimens from suspected caseswere collected and tested for IgM ELISA at the reference laboratory in Damascus. the lab results showed negative results. As of week 13, A total number of 5 measles c confirmed ases were reported, caseswere detected in Rural Damascus (4), and Swieda (1).

Acute flaccid paralysis:

The stool samples were collected and tested at the polio reference laboratory in Damascus, and the results showed the all cases were negative for poliomyelitis.

Case Distribution by Age Group, and by Governorate

Week

2021 Week 13 (28 March - 3 April 2021)

| DiseaseGroup | Aleppo | Al- Hasakeh | Ar-Raqqa | As- Sweida | Damascus | Daraa | Deir-ez- Zor | Hama | Homs | Idleb | Lattakia | Quneitra | Rural Damascus | Tartous | Total • |
|---|-------------------|----------------|-------------------|-----------------|----------|-------|-----------------|------------|------------|----------------|----------|----------|-------------------|---------|---------|
| Priority Diseases | 4,986 | 1,688 | 1,042 | 330 | 1,391 | | 3,954 | 598 | 553 | 70 | 1,128 | 745 | 2,428 | 2,393 | 22,33 |
| Influenza Like Illness | 3,785 | 1,035 | 571 | 177 | 832 | 626 | 2,804 | 156 | 354 | 33 | 646 | 527 | 1,707 | 1,600 | 14,85 |
| 5 years or more | 2,263 | 566 | 279 | 152 | 761 | 444 | 1,250 | 110 | 222 | 17 | 347 | 330 | 995 | 1,250 | 8,98 |
| Less than 5 years | 1,522 | 469 | 292 | 25 | 71 | 182 | 1,554 | 46 | 132 | 16 | 299 | 197 | 712 | 350 | 5,86 |
| Acute Diarrhea | 870 | 552 | 285 | 62 | 173 | 194 | 831 | 256 | 159 | 37 | | 141 | 400 | 198 | 4,59 |
| Less than 5 years | 425 | 305 | 156 | 28 | 54 | 73 | 590 | 119 | 82 | 17 | 185 | 44 | 168 | 59 | 2,30 |
| 5 years or more | 445 | 247 | 129 | 34 | 119 | 121 | 241 | 137 | 77 | 20 | 247 | 97 | 232 | 139 | 2,28 |
| COVID-19 Suspected | 253 | 15 | | 86 | 261 | 191 | 155 | 107 | 36 | 0 | 0 | 71 | 303 | 537 | 2,01 |
| 5 years or more | 245 | 15 | | 85 | 251 | 190 | 150 | 106 | 34 | 0 | 0 | 69 | 302 | 535 | 1,98 |
| Less than 5 years | 8 | | | 1 | 10 | 1 | 5 | 1 | 2 | | | 2 | 1 | 2 | 3 |
| Suspected Hepatitis (Jaundice) | 36 | 8 | 141 | 4 | 8 | 13 | 91 | 30 | 4 | 0 | 8 | 3 | 17 | 9 | 37 |
| Less than 5 years | 13 | 3 | 85 | 0 | 2 | 4 | 61 | 7 | 0 | 0 | 5 | 1 | 7 | 0 | 18 |
| 5 years or more | 23 | 5 | 56 | 4 | 6 | 9 | 30 | 23 | 4 | 0 | 3 | 2 | 10 | 9 | 18 |
| SARI | 36 | 69 | 7 | 0 | 117 | 0 | 0 | 40 | 0 | 0 | 32 | 2 | 0 | 46 | 34 |
| 5 years or more | 2 | 31 | 3 | 0 | 103 | 0 | 0 | 13 | 0 | 0 | 18 | 0 | 0 | 24 | 19 |
| Less than 5 years | 34 | 38 | 4 | 0 | 14 | 0 | 0 | 27 | 0 | 0 | 14 | 2 | 0 | 22 | 15 |
| Pertussis | 1 | 0 | 0 | 0 | 0 | 0 | 58 | 0 | 0 | | | 0 | 0 | 0 | |
| Less than 5 years | 1 | 0 | 0 | 0 | 0 | 0 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 5 years or more | 0 | 0 | 0 | | | 0 | 5 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Acute bloody diarrhea | 0 | | | 0 | 0 | | | 0 | 0 | 0 | | 0 | 0 | 1 | |
| Less than 5 years | 0 | 4 | 11 | 0 | 0 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 5 years or more | 0 | 2 | 6 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Meningitis | 3 | | | 1 | 0 | 1 | 1 | 5 | 0 | 0 | | 1 | 0 | 0 | |
| Less than 5 years | 2 | 0 | 9 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |
| 5 years or more | 1 | 2 | 6 | 1 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Acute Watery diarrhea (suspected cholera) | 0 | 0 | 5 | | | 0 | 0 | 0 | U | | 10 | 0 | 0 | U | 1 |
| 5 years or more | 0 | 0 | 4 | | | 0 | 0 | 0 | | | 10 | | 0 | | 1 |
| Less than 5 years | 0 | 0 | 0 | | | 0 | 0 | 4 | | | | | | | |
| Acute Flaccid Paralysis | 1 | | | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 1 | 1 | |
| 5 years or more | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 1 | |
| Less than 5 years | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | | 0 | 0 | 0 | |
| Measles and Rubella | 1 | | 1 | 0 | 0 | | | 0 | 0 | | | 0 | 0 | 1 | |
| Less than 5 years | 1 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5 years or more | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Other Diseases | 913 | | 16 | 22 | | | | 187 | 49 | | | 42 | | 8 | 2,29 |
| Leishmaniasis | 780 | 75 | | 0 | 2 | | | 133 | 10 | 3 | | 0 | 1 | 5 | |
| 5 years or more | 622 | 42 | 2 | 0 | 2 | 0 | 31 | 104 | 9 | 1 | 0 | 0 | 1 | 4 | |
| Less than 5 years | 158 | 33 | 1 | 0 | 0 | 0 | 10 | 29 | 1 | 2 | 0 | 0 | 0 | 1 | |
| Scabis | 47 | | | | 2 | | 202 | 13 | 21 | | | 1 | 9 | 0 | |
| 5 years or more | 38 | 56 | 0 | 8 | 2 | 10 | 164 | 13 | 18 | 0 | 1 | 1 | 9 | 0 | |
| Less than 5 years | 9 | 31 | 0 | 0 | 0 | 0 | 38 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | |
| Lice | 44 | 36 | 1 | 2 | 1 | 2 | 63 | 4 | 3 | 10 | 13 | 24 | 21 | 0 | |
| 5 years or more | 39 | 16 | 1 | 1 | 1 | 0 | 51 | 2 | 2 | 8 | 13 | 12 | 18 | 0 | |
| Less than 5 years | 5 | 20 | 0 | 1 | 0 | 2 | 12 | 2 | 1 | 2 | 0 | 12 | 3 | 0 | |
| Typhoid Fever | 11 | 4 | 6 | | 0 | | | 8 | 2 | 1 | 0 | 0 | 8 | 0 | 19 |
| 5 years or more | 11 | 4 | 6 | 0 | 0 | 31 | 102 | 7 | 2 | 1 | 0 | 0 | 6 | 0 | 17 |
| Less than 5 years | 0 | 0 | 0 | | 0 | 0 | 20 | 1 | 0 | 0 | | 0 | 2 | 0 | 2 |
| Others | 2 | 83 | | 0 | | | 12 | 2 | | | 0 | 10 | 24 | 0 | |
| 5 years or more | 2 | | 0 | 0 | 0 | 33 | 12 | 2 | 1 | 0 | 0 | 7 | 24 | 0 | |
| Less than 5 years | 0 | 33 | 0 | 0 | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | |
| Brucellosis | 12 | | | | | | | 21 | | | | 0 | | 0 | |
| 5 years or more | 12 | 6 | 2 | 12 | 4 | 13 | 37 | 21 | 5 | 0 | 0 | 0 | 21 | 0 | |
| Less than 5 years | 0 | 0 | 1 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | |
| chicken pox | 9 | 6 | | 0 | 2 | 6 | | 5 | 5 | | 0 | 7 | 1 | 1 | |
| Less than 5 years | 5 | 2 | 0 | 0 | 0 | 4 | 18 | 3 | 2 | 0 | 0 | 0 | 0 | 1 | |
| 5 years or more | 4 | 4 | 2 | 0 | 2 | 2 | 5 | 2 | 3 | 2 | 0 | 7 | 1 | 0 | |
| Mumps | 1 | 3 | 1 | 0 | 0 | 0 | | 0 | | | | 0 | 0 | 1 | |
| Less than 5 years | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| | | 3 | 1 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5 years or more | 7 | 0 | | | 2 | | | 1 | | | | U | 0 | 1 | |
| Tuberculosis | 7 | 0 | | | | | | | | | | | | | |
| | / | () | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | | 0 | 1 | 1 |
| - | | | | | 4 | | | ^ | ^ | | | | | ^ | |
| 5 years or more Less than 5 years Total | 0 5,899 | 0 1,988 | 0 1,058 | 0 352 | 1 | 1,134 | 0 | 785 | 602 | 0 86 | 1,142 | 787 | 2,515 | 0 | 24,629 |