

I. National Notifiable Infectious Diseases

1. Reported cases, week ending September 4, 2021 (36th Week)*

Unit: no. of cases†

| Classification of disease [†] | Current week | Cum. 2021 | 5-year weekly average | Total no. of cases by year | | | | | Imported cases of current week : Country (no. of cases) |
|--|--------------|-----------|-----------------------|----------------------------|--------|--------|--------|--------|---|
| | | | | 2020 | 2019 | 2018 | 2017 | 2016 | |
| Category II | | | | | | | | | |
| Tuberculosis | 432 | 13,431 | 477 | 19,933 | 23,821 | 26,433 | 28,161 | 30,892 | |
| Varicella | 257 | 14,077 | 709 | 31,430 | 82,868 | 96,467 | 80,092 | 54,060 | |
| Measles | 0 | 0 | 0 | 6 | 194 | 15 | 7 | 18 | |
| Cholera | 0 | 0 | 0 | 0 | 1 | 2 | 5 | 4 | |
| Typhoid fever | 9 | 108 | 2 | 39 | 94 | 213 | 128 | 121 | |
| Paratyphoid fever | 13 | 151 | 2 | 58 | 55 | 47 | 73 | 56 | |
| Shigellosis | 0 | 20 | 2 | 29 | 151 | 191 | 112 | 113 | |
| EHEC | 5 | 173 | 4 | 270 | 146 | 121 | 138 | 104 | |
| Viral hepatitis A | 99 | 4,295 | 156 | 3,989 | 17,598 | 2,437 | 4,419 | 4,679 | |
| Pertussis | 0 | 14 | 10 | 123 | 496 | 980 | 318 | 129 | |
| Mumps | 155 | 5,526 | 269 | 9,922 | 15,967 | 19,237 | 16,924 | 17,057 | |
| Rubella | 0 | 0 | 0 | 0 | 8 | 0 | 7 | 11 | |
| Meningococcal disease | 0 | 0 | 0 | 5 | 16 | 14 | 17 | 6 | |
| Pneumococcal disease | 1 | 158 | 4 | 345 | 526 | 670 | 523 | 441 | |
| Hansen's disease | 0 | 3 | 0 | 3 | 4 | | | | |
| Scarlet fever | 13 | 473 | 152 | 2,300 | 7,562 | 15,777 | 22,838 | 11,911 | |
| VRSA | 0 | 1 | 0 | 9 | 3 | 0 | 0 | - | |
| CRE | 310 | 10,345 | 321 | 18,113 | 15,369 | 11,954 | 5,717 | - | |
| Viral hepatitis E | 11 | 280 | 8 | 191 | - | - | - | - | |
| Category III | | | | | | | | | |
| Tetanus | 0 | 17 | 1 | 30 | 31 | 31 | 34 | 24 | |
| Viral hepatitis B | 5 | 275 | 7 | 382 | 389 | 392 | 391 | 359 | |
| Japanese encephalitis | 0 | 1 | 2 | 7 | 34 | 17 | 9 | 28 | |
| Viral hepatitis C | 103 | 6,763 | 199 | 11,849 | 9,810 | 10,811 | 6,396 | - | |
| Malaria | 7 | 227 | 17 | 385 | 559 | 576 | 515 | 673 | |
| Legionellosis | 7 | 223 | 7 | 368 | 501 | 305 | 198 | 128 | |
| <i>Vibrio vulnificus</i> sepsis | 7 | 21 | 4 | 70 | 42 | 47 | 46 | 56 | |
| Murine typhus | 1 | 18 | 0 | 1 | 14 | 16 | 18 | 18 | |
| Scrub typhus | 19 | 613 | 38 | 4,479 | 4,005 | 6,668 | 10,528 | 11,105 | |
| Leptospirosis | 3 | 95 | 4 | 114 | 138 | 118 | 103 | 117 | |
| Brucellosis | 0 | 3 | 0 | 8 | 1 | 5 | 6 | 4 | |
| HFRS | 4 | 130 | 7 | 270 | 399 | 433 | 531 | 575 | |
| HIV/AIDS | 12 | 478 | 19 | 818 | 1,006 | 989 | 1,008 | 1,060 | |
| CJD | 3 | 69 | 1 | 64 | 53 | 53 | 36 | 42 | |
| Dengue fever | 0 | 1 | 6 | 43 | 273 | 159 | 171 | 313 | |
| Q fever | 0 | 34 | 2 | 69 | 162 | 163 | 96 | 81 | |
| Lyme Borreliosis | 0 | 0 | 1 | 18 | 23 | 23 | 31 | 27 | |
| Melioidosis | 0 | 0 | 0 | 1 | 8 | 2 | 2 | 4 | |
| Chikungunya fever | 0 | 0 | 0 | 1 | 16 | 3 | 5 | 10 | |
| SFTS | 1 | 81 | 7 | 243 | 223 | 259 | 272 | 165 | |
| Zika virus infection | 0 | 0 | 0 | 1 | 3 | 3 | 11 | 16 | |

Abbreviation: EHEC= Enterohemorrhagic *Escherichia coli*; VRSA= Vancomycin-resistant *Staphylococcus aureus*; CRE= Carbapenem-resistant Enterobacteriaceae; HFRS= Hemorrhagic fever with renal syndrome; CJD= Creutzfeldt-Jacob Disease; SFTS= Severe fever with thrombocytopenia syndrome.

Cum: Cumulative counts from 1st week to current week in a year.

* The reported data for year 2020, 2021 are provisional but the data from 2016 to 2019 are finalized data.

† According to surveillance data, the reported cases may include all of the cases such as confirmed, suspected, and asymptomatic carrier in the group.

‡ The reported surveillance data excluded no incidence data such as Ebola virus disease, Marburg Hemorrhagic fever, Lassa fever, Crimean Congo Hemorrhagic fever, South American Hemorrhagic fever, Rift Valley fever, Smallpox, Plague, Anthrax, Botulism, Tularemia, Newly emerging infectious disease syndrome, Severe Acute Respiratory Syndrome, Middle East Respiratory Syndrome, Human infection with zoonotic influenza, Novel Influenza, Diphtheria, Poliomyelitis, *Haemophilus influenzae* type b, Epidemic typhus, Rabies, Yellow fever, West Nile fever and Tick-borne Encephalitis.

2. Reported cases by geography, week ending September 4, 2021 (36th Week)*

Unit: no. of cases†

| Reporting area | Diseases of Category II | | | | | | | | | | | |
|----------------|-------------------------|-----------|----------------------|--------------|-----------|----------------------|--------------|-----------|----------------------|--------------|-----------|----------------------|
| | Tuberculosis | | | Varicella | | | Measles | | | Cholera | | |
| | Current week | Cum. 2021 | Cum. 5-year average§ | Current week | Cum. 2021 | Cum. 5-year average§ | Current week | Cum. 2021 | Cum. 5-year average§ | Current week | Cum. 2021 | Cum. 5-year average§ |
| Overall | 432 | 13,431 | 18,208 | 257 | 14,077 | 44,860 | 0 | 0 | 42 | 0 | 0 | 2 |
| Seoul | 70 | 2,190 | 3,294 | 31 | 1,744 | 5,025 | 0 | 0 | 6 | 0 | 0 | 0 |
| Busan | 35 | 917 | 1,239 | 17 | 876 | 2,511 | 0 | 0 | 2 | 0 | 0 | 1 |
| Daegu | 18 | 646 | 862 | 2 | 597 | 2,407 | 0 | 0 | 2 | 0 | 0 | 0 |
| Incheon | 27 | 696 | 959 | 13 | 747 | 2,225 | 0 | 0 | 2 | 0 | 0 | 0 |
| Gwangju | 12 | 312 | 451 | 6 | 477 | 1,566 | 0 | 0 | 0 | 0 | 0 | 0 |
| Daejeon | 9 | 291 | 402 | 14 | 404 | 1,270 | 0 | 0 | 5 | 0 | 0 | 0 |
| Ulsan | 6 | 253 | 380 | 4 | 295 | 1,348 | 0 | 0 | 1 | 0 | 0 | 0 |
| Sejong | 1 | 63 | 63 | 0 | 177 | 499 | 0 | 0 | 15 | 0 | 0 | 0 |
| Gyeonggi | 100 | 3,052 | 3,924 | 82 | 4,077 | 12,437 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gangwon | 20 | 586 | 769 | 9 | 409 | 1,173 | 0 | 0 | 1 | 0 | 0 | 0 |
| Chungbuk | 15 | 438 | 567 | 9 | 497 | 1,230 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chungnam | 11 | 660 | 872 | 7 | 562 | 1,656 | 0 | 0 | 1 | 0 | 0 | 0 |
| Jeonbuk | 13 | 539 | 719 | 9 | 524 | 1,836 | 0 | 0 | 1 | 0 | 0 | 0 |
| Jeonnam | 22 | 736 | 956 | 21 | 748 | 1,777 | 0 | 0 | 2 | 0 | 0 | 0 |
| Gyeongbuk | 37 | 1,011 | 1,325 | 10 | 671 | 2,449 | 0 | 0 | 2 | 0 | 0 | 0 |
| Gyeongnam | 31 | 883 | 1,191 | 22 | 1,046 | 4,230 | 0 | 0 | 2 | 0 | 0 | 1 |
| Jeju | 5 | 158 | 235 | 1 | 226 | 1,221 | 0 | 0 | 0 | 0 | 0 | 0 |

Cum: Cumulative counts from 1st week to current week in a year

* The reported data for year 2020, 2021 are provisional but the data from 2016 to 2019 are finalized data.

† According to surveillance data, the reported cases may include all of the cases such as confirmed, suspected, and asymptomatic carrier in the group.

§ Cum. 5-year average is mean value calculated by cumulative counts from 1st week to current week for 5 preceding years.

2. (Continued) Reported cases by geography, week ending September 4, 2021 (36th Week)*

Unit: no. of cases†

| Reporting area | Diseases of Category II | | | | | | | | | | | |
|----------------|-------------------------|-----------|----------------------|-------------------|-----------|----------------------|--------------|-----------|----------------------|---|-----------|----------------------|
| | Typhoid fever | | | Paratyphoid fever | | | Shigellosis | | | Enterohemorrhagic <i>Escherichia coli</i> | | |
| | Current week | Cum. 2021 | Cum. 5-year average§ | Current week | Cum. 2021 | Cum. 5-year average§ | Current week | Cum. 2021 | Cum. 5-year average§ | Current week | Cum. 2021 | Cum. 5-year average§ |
| Overall | 9 | 108 | 95 | 13 | 151 | 41 | 0 | 20 | 87 | 5 | 173 | 123 |
| Seoul | 0 | 5 | 19 | 0 | 1 | 6 | 0 | 2 | 21 | 0 | 15 | 15 |
| Busan | 0 | 13 | 9 | 4 | 59 | 5 | 0 | 1 | 6 | 0 | 8 | 3 |
| Daegu | 0 | 3 | 3 | 0 | 6 | 4 | 0 | 0 | 6 | 0 | 11 | 5 |
| Incheon | 0 | 2 | 7 | 0 | 0 | 2 | 0 | 0 | 7 | 1 | 6 | 8 |
| Gwangju | 0 | 2 | 1 | 1 | 9 | 2 | 0 | 1 | 3 | 1 | 36 | 10 |
| Daejeon | 0 | 11 | 3 | 0 | 6 | 1 | 0 | 0 | 1 | 1 | 9 | 2 |
| Ulsan | 0 | 5 | 3 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 3 | 4 |
| Sejong | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 1 |
| Gyeonggi | 7 | 32 | 22 | 0 | 13 | 7 | 0 | 7 | 17 | 0 | 27 | 40 |
| Gangwon | 0 | 4 | 2 | 2 | 10 | 2 | 0 | 1 | 2 | 0 | 3 | 5 |
| Chungbuk | 0 | 1 | 3 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 4 | 3 |
| Chungnam | 0 | 9 | 5 | 0 | 0 | 1 | 0 | 0 | 6 | 0 | 3 | 4 |
| Jeonbuk | 0 | 0 | 1 | 1 | 2 | 2 | 0 | 0 | 2 | 0 | 4 | 2 |
| Jeonnam | 1 | 5 | 2 | 2 | 15 | 2 | 0 | 5 | 4 | 0 | 13 | 7 |
| Gyeongbuk | 0 | 3 | 4 | 0 | 3 | 1 | 0 | 1 | 5 | 0 | 14 | 6 |
| Gyeongnam | 1 | 13 | 7 | 2 | 14 | 3 | 0 | 0 | 3 | 2 | 9 | 3 |
| Jeju | 0 | 0 | 3 | 1 | 6 | 1 | 0 | 2 | 1 | 0 | 5 | 5 |

Cum: Cumulative counts from 1st week to current week in a year

* The reported data for year 2020, 2021 are provisional but the data from 2016 to 2019 are finalized data.

† According to surveillance data, the reported cases may include all of the cases such as confirmed, suspected, and asymptomatic carrier in the group.

§ Cum. 5-year average is mean value calculated by cumulative counts from 1st week to current week for 5 preceding years.

2. (Continued) Reported cases by geography, week ending September 4, 2021 (36th Week)*

Unit: no. of cases†

| Reporting area | Diseases of Category II | | | | | | | | | | | |
|----------------|-------------------------|-----------|----------------------|--------------|-----------|----------------------|--------------|-----------|----------------------|--------------|-----------|----------------------|
| | Viral hepatitis A | | | Pertussis | | | Mumps | | | Rubella | | |
| | Current week | Cum. 2021 | Cum. 5-year average§ | Current week | Cum. 2021 | Cum. 5-year average§ | Current week | Cum. 2021 | Cum. 5-year average§ | Current week | Cum. 2021 | Cum. 5-year average§ |
| Overall | 99 | 4,295 | 5,091 | 0 | 14 | 263 | 155 | 5,526 | 11,352 | 0 | 0 | 2 |
| Seoul | 18 | 849 | 963 | 0 | 1 | 32 | 11 | 640 | 1,299 | 0 | 0 | 1 |
| Busan | 1 | 55 | 195 | 0 | 0 | 24 | 7 | 306 | 664 | 0 | 0 | 0 |
| Daegu | 0 | 47 | 80 | 0 | 0 | 9 | 5 | 240 | 430 | 0 | 0 | 0 |
| Incheon | 14 | 369 | 347 | 0 | 2 | 16 | 8 | 274 | 555 | 0 | 0 | 0 |
| Gwangju | 3 | 78 | 77 | 0 | 0 | 13 | 8 | 168 | 471 | 0 | 0 | 0 |
| Daejeon | 7 | 114 | 521 | 0 | 0 | 7 | 4 | 172 | 320 | 0 | 0 | 0 |
| Ulsan | 0 | 16 | 37 | 0 | 0 | 8 | 4 | 176 | 357 | 0 | 0 | 0 |
| Sejong | 2 | 32 | 83 | 0 | 0 | 3 | 2 | 58 | 59 | 0 | 0 | 0 |
| Gyeonggi | 36 | 1,803 | 1,546 | 0 | 4 | 42 | 50 | 1,617 | 3,105 | 0 | 0 | 1 |
| Gangwon | 2 | 92 | 93 | 0 | 0 | 2 | 5 | 211 | 376 | 0 | 0 | 0 |
| Chungbuk | 9 | 167 | 247 | 0 | 1 | 7 | 3 | 127 | 286 | 0 | 0 | 0 |
| Chungnam | 5 | 289 | 386 | 0 | 0 | 5 | 4 | 236 | 486 | 0 | 0 | 0 |
| Jeonbuk | 0 | 117 | 189 | 0 | 0 | 5 | 5 | 247 | 525 | 0 | 0 | 0 |
| Jeonnam | 0 | 82 | 95 | 0 | 0 | 14 | 8 | 281 | 486 | 0 | 0 | 0 |
| Gyeongbuk | 1 | 61 | 94 | 0 | 4 | 17 | 14 | 238 | 583 | 0 | 0 | 0 |
| Gyeongnam | 0 | 33 | 112 | 0 | 2 | 55 | 17 | 451 | 1,179 | 0 | 0 | 0 |
| Jeju | 1 | 91 | 26 | 0 | 0 | 4 | 0 | 84 | 171 | 0 | 0 | 0 |

Cum: Cumulative counts from 1st week to current week in a year

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† According to surveillance data, the reported cases may include all of the cases such as confirmed, suspected, and asymptomatic carrier in the group.

§ Cum. 5-year average is mean value calculated by cumulative counts from 1st week to current week for 5 preceding years.

2. (Continued) Reported cases by geography, week ending September 4, 2021 (36th Week)*

Unit: no. of cases†

| Reporting area | Diseases of Category II | | | | | | Diseases of Category III | | | | | |
|----------------|-------------------------|-----------|----------------------|---------------|-----------|----------------------|--------------------------|-----------|----------------------|-------------------|-----------|----------------------|
| | Meningococcal disease | | | Scarlet fever | | | Tetanus | | | Viral hepatitis B | | |
| | Current week | Cum. 2021 | Cum. 5-year average§ | Current week | Cum. 2021 | Cum. 5-year average§ | Current week | Cum. 2021 | Cum. 5-year average§ | Current week | Cum. 2021 | Cum. 5-year average§ |
| Overall | 0 | 0 | 9 | 13 | 473 | 8,837 | 0 | 17 | 21 | 5 | 275 | 259 |
| Seoul | 0 | 0 | 2 | 1 | 49 | 1,198 | 0 | 3 | 2 | 0 | 26 | 47 |
| Busan | 0 | 0 | 0 | 1 | 26 | 619 | 0 | 1 | 2 | 1 | 18 | 17 |
| Daegu | 0 | 0 | 1 | 0 | 6 | 296 | 0 | 2 | 2 | 0 | 8 | 9 |
| Incheon | 0 | 0 | 1 | 2 | 30 | 424 | 0 | 0 | 1 | 0 | 16 | 14 |
| Gwangju | 0 | 0 | 0 | 1 | 64 | 450 | 0 | 0 | 1 | 0 | 11 | 5 |
| Daejeon | 0 | 0 | 0 | 0 | 8 | 331 | 0 | 1 | 1 | 0 | 3 | 10 |
| Ulsan | 0 | 0 | 0 | 1 | 26 | 386 | 0 | 0 | 0 | 0 | 4 | 5 |
| Sejong | 0 | 0 | 0 | 0 | 2 | 51 | 0 | 0 | 0 | 0 | 4 | 0 |
| Gyeonggi | 0 | 0 | 2 | 4 | 125 | 2,555 | 0 | 2 | 2 | 3 | 97 | 63 |
| Gangwon | 0 | 0 | 1 | 0 | 6 | 140 | 0 | 0 | 0 | 0 | 9 | 8 |
| Chungbuk | 0 | 0 | 0 | 0 | 10 | 159 | 0 | 2 | 0 | 0 | 6 | 9 |
| Chungnam | 0 | 0 | 0 | 0 | 15 | 383 | 0 | 2 | 2 | 0 | 25 | 13 |
| Jeonbuk | 0 | 0 | 0 | 0 | 10 | 298 | 0 | 1 | 1 | 0 | 9 | 14 |
| Jeonnam | 0 | 0 | 0 | 1 | 27 | 334 | 0 | 0 | 3 | 1 | 10 | 13 |
| Gyeongbuk | 0 | 0 | 1 | 0 | 18 | 448 | 0 | 2 | 2 | 0 | 12 | 13 |
| Gyeongnam | 0 | 0 | 1 | 2 | 38 | 656 | 0 | 1 | 2 | 0 | 13 | 17 |
| Jeju | 0 | 0 | 0 | 0 | 13 | 109 | 0 | 0 | 0 | 0 | 4 | 2 |

Cum: Cumulative counts from 1st week to current week in a year

* The reported data for year 2020, 2021 are provisional but the data from 2016 to 2019 are finalized data.

† According to surveillance data, the reported cases may include all of the cases such as confirmed, suspected, and asymptomatic carrier in the group.

§ Cum. 5-year average is mean value calculated by cumulative counts from 1st week to current week for 5 preceding years.

2. (Continued) Reported cases by geography, week ending September 4, 2021 (36th Week)*

Unit: no. of cases†

| Reporting area | Diseases of Category III | | | | | | | | | | | |
|----------------|--------------------------|-----------|----------------------|--------------|-----------|----------------------|---------------|-----------|----------------------|---------------------------------|-----------|----------------------|
| | Japanese encephalitis | | | Malaria | | | Legionellosis | | | <i>Vibrio vulnificus</i> sepsis | | |
| | Current week | Cum. 2021 | Cum. 5-year average‡ | Current week | Cum. 2021 | Cum. 5-year average‡ | Current week | Cum. 2021 | Cum. 5-year average‡ | Current week | Cum. 2021 | Cum. 5-year average‡ |
| Overall | 0 | 1 | 3 | 7 | 227 | 448 | 7 | 223 | 199 | 7 | 21 | 29 |
| Seoul | 0 | 0 | 1 | 0 | 21 | 64 | 1 | 43 | 56 | 1 | 1 | 4 |
| Busan | 0 | 0 | 0 | 1 | 2 | 6 | 0 | 6 | 11 | 1 | 4 | 2 |
| Daegu | 0 | 0 | 1 | 1 | 1 | 6 | 0 | 14 | 7 | 0 | 0 | 0 |
| Incheon | 0 | 0 | 0 | 1 | 36 | 62 | 0 | 10 | 15 | 0 | 1 | 2 |
| Gwangju | 0 | 0 | 1 | 0 | 0 | 4 | 0 | 6 | 3 | 0 | 0 | 0 |
| Daejeon | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 3 | 2 | 0 | 0 | 0 |
| Ulsan | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 3 | 2 | 0 | 1 | 1 |
| Sejong | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gyeonggi | 0 | 0 | 0 | 4 | 147 | 255 | 4 | 51 | 47 | 2 | 4 | 5 |
| Gangwon | 0 | 0 | 0 | 0 | 5 | 14 | 0 | 2 | 7 | 0 | 0 | 0 |
| Chungbuk | 0 | 0 | 0 | 0 | 2 | 4 | 0 | 5 | 8 | 0 | 1 | 0 |
| Chungnam | 0 | 0 | 0 | 0 | 3 | 6 | 0 | 3 | 6 | 1 | 1 | 3 |
| Jeonbuk | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 9 | 5 | 0 | 0 | 1 |
| Jeonnam | 0 | 0 | 0 | 0 | 2 | 3 | 1 | 21 | 6 | 0 | 2 | 5 |
| Gyeongbuk | 0 | 0 | 0 | 0 | 2 | 5 | 0 | 10 | 12 | 1 | 3 | 1 |
| Gyeongnam | 0 | 0 | 0 | 0 | 1 | 7 | 1 | 9 | 7 | 1 | 3 | 4 |
| Jeju | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 28 | 5 | 0 | 0 | 1 |

Cum: Cumulative counts from 1st week to current week in a year

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† According to surveillance data, the reported cases may include all of the cases such as confirmed, suspected, and asymptomatic carrier in the group.

‡ Cum. 5-year average is mean value calculated by cumulative counts from 1st week to current week for 5 preceding years.

2. (Continued) Reported cases by geography, week ending September 4, 2021 (36th Week)*

Unit: no. of cases[†]

| Reporting area | Diseases of Category III | | | | | | | | | | | |
|----------------|--------------------------|-----------|----------------------------------|--------------|-----------|----------------------------------|---------------|-----------|----------------------------------|--------------|-----------|----------------------------------|
| | Murine typhus | | | Scrub typhus | | | Leptospirosis | | | Brucellosis | | |
| | Current week | Cum. 2021 | Cum. 5-year average [§] | Current week | Cum. 2021 | Cum. 5-year average [§] | Current week | Cum. 2021 | Cum. 5-year average [§] | Current week | Cum. 2021 | Cum. 5-year average [§] |
| Overall | 1 | 18 | 7 | 19 | 613 | 883 | 3 | 95 | 50 | 0 | 3 | 2 |
| Seoul | 0 | 0 | 1 | 0 | 14 | 38 | 0 | 2 | 2 | 0 | 0 | 1 |
| Busan | 0 | 0 | 0 | 2 | 27 | 32 | 0 | 5 | 2 | 0 | 0 | 0 |
| Daegu | 0 | 0 | 0 | 0 | 14 | 6 | 0 | 1 | 1 | 0 | 0 | 0 |
| Incheon | 1 | 12 | 1 | 0 | 6 | 16 | 0 | 5 | 1 | 0 | 0 | 0 |
| Gwangju | 0 | 0 | 1 | 0 | 12 | 20 | 0 | 3 | 2 | 0 | 0 | 0 |
| Daejeon | 0 | 0 | 0 | 0 | 10 | 20 | 0 | 3 | 1 | 0 | 0 | 0 |
| Ulsan | 0 | 0 | 0 | 0 | 5 | 21 | 0 | 1 | 1 | 0 | 0 | 0 |
| Sejong | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gyeonggi | 0 | 4 | 1 | 1 | 44 | 86 | 2 | 21 | 8 | 0 | 2 | 0 |
| Gangwon | 0 | 0 | 0 | 1 | 6 | 18 | 0 | 13 | 3 | 0 | 0 | 0 |
| Chungbuk | 0 | 0 | 0 | 0 | 12 | 17 | 0 | 8 | 3 | 0 | 0 | 0 |
| Chungnam | 0 | 0 | 1 | 0 | 43 | 88 | 1 | 13 | 7 | 0 | 0 | 0 |
| Jeonbuk | 0 | 0 | 0 | 4 | 156 | 87 | 0 | 6 | 4 | 0 | 0 | 1 |
| Jeonnam | 0 | 1 | 1 | 7 | 161 | 218 | 0 | 3 | 6 | 0 | 1 | 0 |
| Gyeongbuk | 0 | 0 | 0 | 1 | 10 | 56 | 0 | 9 | 4 | 0 | 0 | 0 |
| Gyeongnam | 0 | 0 | 1 | 3 | 85 | 145 | 0 | 2 | 4 | 0 | 0 | 0 |
| Jeju | 0 | 1 | 0 | 0 | 7 | 11 | 0 | 0 | 1 | 0 | 0 | 0 |

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§ Cum. 5-year average is mean value calculated by cumulative counts from 1st week to current week for 5 preceding years.

2. (Continued) Reported cases by geography, week ending September 4, 2021 (36th Week)*

Unit: no. of cases[†]

| Reporting area | Diseases of Category III | | | | | | | | | | | |
|----------------|---------------------------------------|-----------|----------------------------------|---------------------------|-----------|----------------------------------|--------------|-----------|----------------------------------|--------------|-----------|----------------------------------|
| | Hemorrhagic fever with renal syndrome | | | Creutzfeldt-Jacob Disease | | | Dengue fever | | | Q fever | | |
| | Current week | Cum. 2021 | Cum. 5-year average [§] | Current week | Cum. 2021 | Cum. 5-year average [§] | Current week | Cum. 2021 | Cum. 5-year average [§] | Current week | Cum. 2021 | Cum. 5-year average [§] |
| Overall | 4 | 130 | 198 | 3 | 69 | 35 | 0 | 1 | 136 | 0 | 34 | 80 |
| Seoul | 0 | 1 | 8 | 0 | 5 | 10 | 0 | 0 | 42 | 0 | 3 | 4 |
| Busan | 0 | 0 | 6 | 0 | 7 | 2 | 0 | 0 | 8 | 0 | 2 | 1 |
| Daegu | 0 | 5 | 2 | 0 | 4 | 1 | 0 | 0 | 8 | 0 | 0 | 1 |
| Incheon | 0 | 2 | 3 | 1 | 5 | 1 | 0 | 0 | 7 | 0 | 1 | 1 |
| Gwangju | 0 | 3 | 3 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 3 |
| Daejeon | 0 | 1 | 3 | 0 | 6 | 2 | 0 | 0 | 2 | 0 | 3 | 2 |
| Ulsan | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 1 | 2 |
| Sejong | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gyeonggi | 1 | 15 | 45 | 1 | 16 | 8 | 0 | 0 | 38 | 0 | 2 | 11 |
| Gangwon | 0 | 9 | 9 | 0 | 5 | 1 | 0 | 1 | 3 | 0 | 0 | 0 |
| Chungbuk | 0 | 1 | 13 | 0 | 5 | 1 | 0 | 0 | 2 | 0 | 5 | 18 |
| Chungnam | 0 | 16 | 22 | 0 | 2 | 1 | 0 | 0 | 4 | 0 | 9 | 11 |
| Jeonbuk | 1 | 46 | 21 | 1 | 4 | 1 | 0 | 0 | 3 | 0 | 1 | 5 |
| Jeonnam | 2 | 19 | 31 | 0 | 3 | 1 | 0 | 0 | 3 | 0 | 1 | 11 |
| Gyeongbuk | 0 | 6 | 20 | 0 | 1 | 2 | 0 | 0 | 4 | 0 | 3 | 4 |
| Gyeongnam | 0 | 5 | 10 | 0 | 5 | 2 | 0 | 0 | 6 | 0 | 2 | 6 |
| Jeju | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |

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† According to surveillance data, the reported cases may include all of the cases such as confirmed, suspected, and asymptomatic carrier in the group.

§ Cum. 5-year average is mean value calculated by cumulative counts from 1st week to current week for 5 preceding years.

2. (Continued) Reported cases by geography, week ending September 4, 2021 (36th Week)*

Unit: no. of cases†

| Reporting area | Diseases of Category III | | | | | | | | |
|----------------|--------------------------|-----------|----------------------|---|-----------|----------------------|----------------------|-----------|----------------------|
| | Lyme Borreliosis | | | Severe fever with thrombocytopenia syndrome | | | Zika virus infection | | |
| | Current week | Cum. 2021 | Cum. 5-year average§ | Current week | Cum. 2021 | Cum. 5-year average§ | Current week | Cum. 2021 | Cum. 5-year average§ |
| Overall | 0 | 0 | 16 | 1 | 81 | 133 | 0 | 0 | - |
| Seoul | 0 | 0 | 6 | 0 | 4 | 4 | 0 | 0 | - |
| Busan | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | - |
| Daegu | 0 | 0 | 0 | 0 | 2 | 5 | 0 | 0 | - |
| Incheon | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | - |
| Gwangju | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| Daejeon | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | - |
| Ulsan | 0 | 0 | 0 | 0 | 4 | 3 | 0 | 0 | - |
| Sejong | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | - |
| Gyeonggi | 0 | 0 | 3 | 0 | 18 | 19 | 0 | 0 | - |
| Gangwon | 0 | 0 | 1 | 0 | 4 | 17 | 0 | 0 | - |
| Chungbuk | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | - |
| Chungnam | 0 | 0 | 1 | 0 | 12 | 14 | 0 | 0 | - |
| Jeonbuk | 0 | 0 | 1 | 0 | 3 | 8 | 0 | 0 | - |
| Jeonnam | 0 | 0 | 0 | 0 | 7 | 11 | 0 | 0 | - |
| Gyeongbuk | 0 | 0 | 1 | 1 | 13 | 19 | 0 | 0 | - |
| Gyeongnam | 0 | 0 | 0 | 0 | 6 | 15 | 0 | 0 | - |
| Jeju | 0 | 0 | 0 | 0 | 4 | 10 | 0 | 0 | - |

Cum: Cumulative counts from 1st week to current week in a year

* The reported data for year 2020, 2021 are provisional but the data from 2016 to 2019 are finalized data.

† According to surveillance data, the reported cases may include all of the cases such as confirmed, suspected, and asymptomatic carrier in the group.

§ Cum. 5-year average is mean value calculated by cumulative counts from 1st week to current week for 5 preceding years.

II. Sentinel-Reporting Infectious Diseases

1. Influenza, weeks ending September 4, 2021 (36th Week)

- Weekly proportion of influenza-like illness per 1,000 outpatients: 1.0 cases (=0.10%)
- Variation: increase from 0.9 cases in 35th week of 2021
- Sentinel reporting sites: 200 hospitals/clinics
- ※ 2020-2021 outbreak standard: 5.8 cases (/1,000)

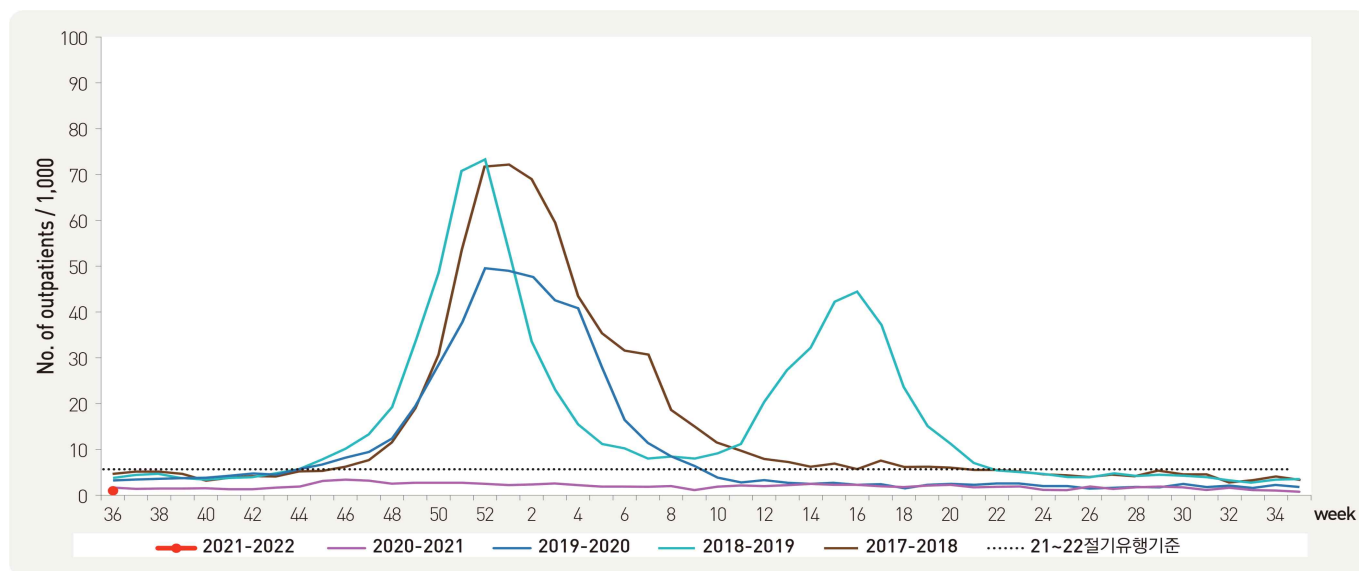


Figure 1. Weekly proportion of influenza-like illness per 1,000 outpatients, 2015-2016 to 2020-2021 flu seasons

2. Hand, Foot and Mouth Disease (HFMD), weeks ending September 4, 2021 (36th Week)

- Weekly proportion of hand, foot and mouth disease (HFMD) per 1,000 outpatients: 0.7 case
- Variation: decrease from 0.8 case in 35th week of 2021
- Sentinel reporting sites: 97 hospitals/clinics

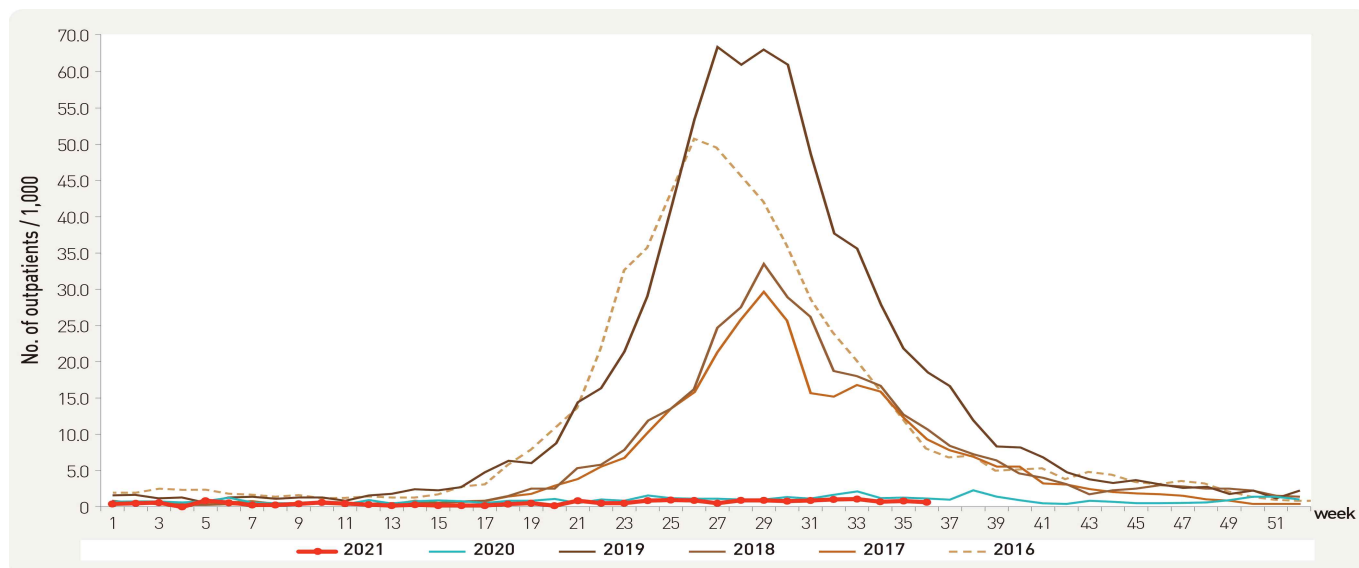


Figure 2. Weekly proportion of hand, foot and mouth per 1,000 outpatients, 2016-2021

3. Ophthalmologic infectious diseases, weeks ending September 4, 2021 (36th Week)

- Weekly proportion of epidemic keratoconjunctivitis per 1,000 outpatients: 3.8 cases
- Variation: decrease from 5.7 cases in 35th week of 2021
- Sentinel reporting sites: 90 hospitals/clinics

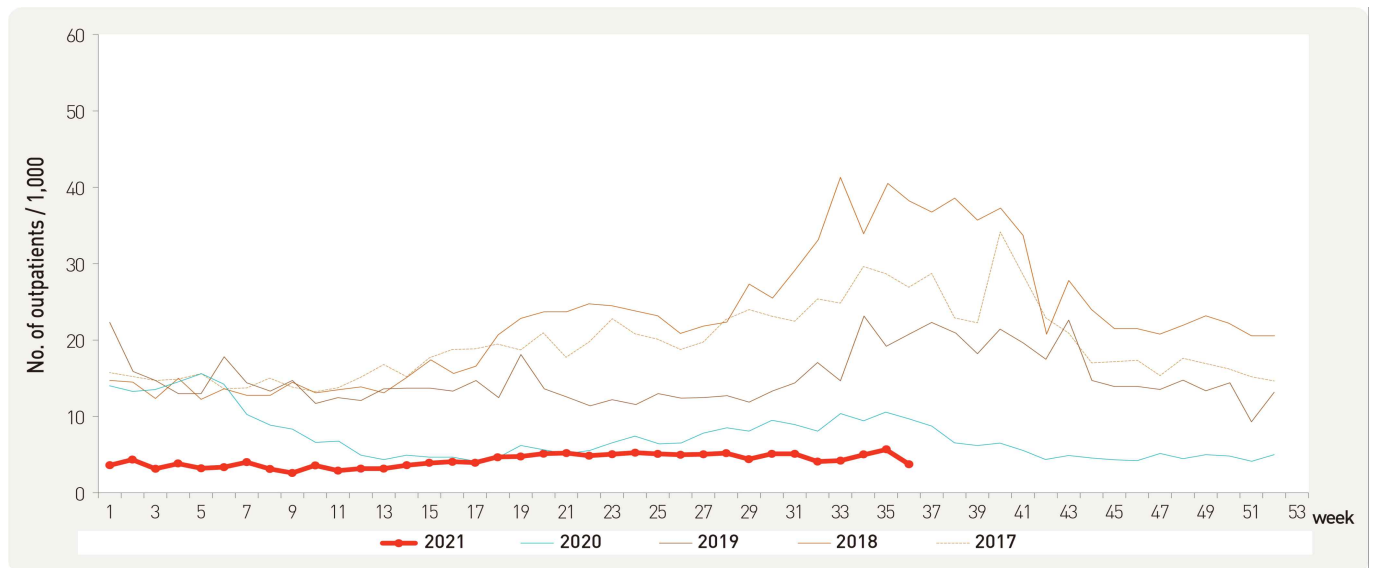


Figure 3. Weekly proportion of epidemic keratoconjunctivitis per 1,000 outpatients, 2017-2021

- Weekly proportion of acute hemorrhagic conjunctivitis per 1,000 outpatients: 0.5 case
- Variation: increase from 0.3 case in 35th week of 2021
- Sentinel reporting sites: 90 hospitals/clinics

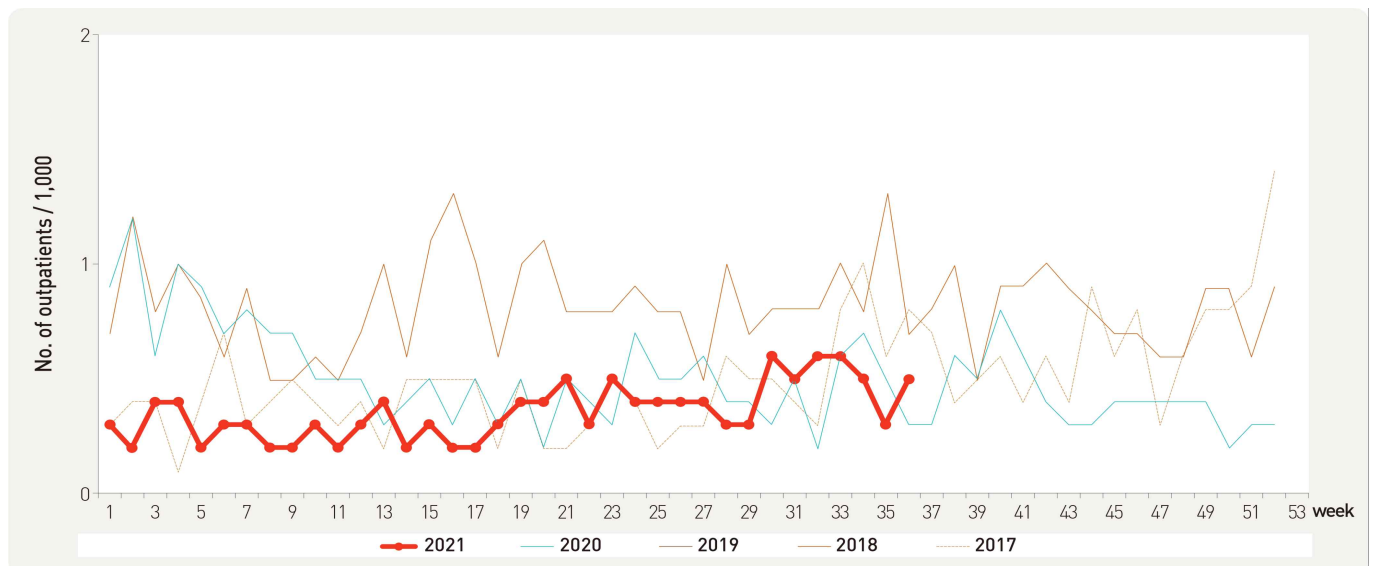


Figure 4. Weekly proportion of acute hemorrhagic conjunctivitis per 1,000 outpatients, 2017-2021

4. Sexually Transmitted Diseases[†], weeks ending September 4, 2021 (36th Week)

- Cases per sentinel: 3.3 for genital herpes, 3.0 for human Papilloma virus infection, 1.9 for condyloma acuminata, 1.8 for gonorrhea, 1.8 for chlamydia, 1.0 for primary Syphilis, 1.0 for secondary Syphilis, 0.0 for congenital Syphilis
- Variation from 35th week of 2021
Increase: gonorrhea (1.2 → 1.8), genital herpes (2.4 → 3.3), condyloma acuminata (1.7 → 1.9)
Decrease: human Papilloma virus infection (3.2 → 3.0)
No change: chlamydia (1.8 → 1.8), primary Syphilis (1.0 → 1.0), secondary Syphilis (1.0 → 1.0), congenital Syphilis (0.0 → 0.0)
- Sentinel reporting sites: 589 hospitals/clinics
※ No. of reported sites in 36th week: 6 for gonorrhea, 43 for chlamydia, 27 for genital herpes, 19 for condyloma acuminata, 31 for human Papilloma virus infection, 2 for primary Syphilis, 3 for secondary Syphilis, 0 for congenital Syphilis

Unit: no. of cases/sentinels

| Gonorrhea | | | Chlamydia | | | Genital herpes | | | Condyloma acuminata | | |
|--------------|-----------|----------------------------------|--------------|-----------|----------------------------------|----------------|-----------|----------------------------------|---------------------|-----------|----------------------------------|
| Current week | Cum. 2020 | Cum. 5-year average [§] | Current week | Cum. 2020 | Cum. 5-year average [§] | Current week | Cum. 2020 | Cum. 5-year average [§] | Current week | Cum. 2020 | Cum. 5-year average [§] |
| 1.8 | 6.2 | 7.8 | 1.8 | 19.2 | 23.8 | 3.3 | 32.5 | 30.7 | 1.9 | 18.0 | 18.0 |

| Human Papilloma virus infection | | | Primary Syphilis | | | Secondary Syphilis | | | Congenital Syphilis | | |
|---------------------------------|-----------|----------------------------------|------------------|-----------|----------------------------------|--------------------|-----------|----------------------------------|---------------------|-----------|----------------------------------|
| Current week | Cum. 2020 | Cum. 5-year average [§] | Current week | Cum. 2020 | Cum. 5-year average [§] | Current week | Cum. 2020 | Cum. 5-year average [§] | Current week | Cum. 2020 | Cum. 5-year average [§] |
| 3.0 | 64.7 | 11.9 | 1.0 | 2.0 | 0.4 | 1.0 | 2.5 | 0.5 | 0.0 | 1.0 | 0.2 |

Cum: Cumulative counts from 1st week to current week in a year

[†] According to surveillance data, the reported cases may include all of the cases such as confirmed, suspected, and asymptomatic carrier in the group.

[§] Cum. 5-year average is mean value calculated by cumulative counts from 1st week to current week for 5 preceding years.

※ Added human Papilloma virus infection and syphilis from 1st week 2020.

III. Waterborne and Foodborne Infectious Diseases

1. Waterborne and foodborne disease outbreaks, weeks ending September 4, 2021 (36th Week)

- No. of reported outbreaks: 11 with 280 patients (cumulative no. of outbreaks: 362 with 5,633 patients)
- Variation: decrease from 12 in 35th week of 2021
- Reporting sites: 254 health centers

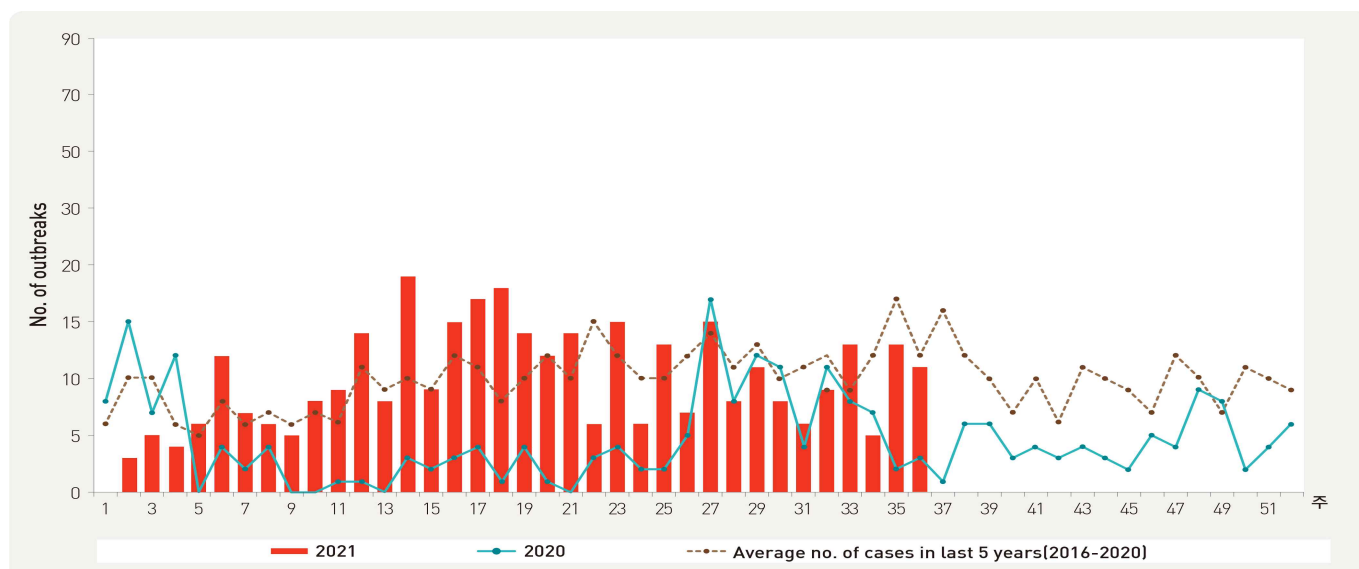


Figure 5. Number of waterborne and foodborne disease outbreaks reported by week, 2020-2021

IV. Laboratory-based Pathogen Surveillance: Influenza and Respiratory Viruses

1. Influenza viruses, weeks ending September 4, 2021 (36th Week)

- Weekly reported number of specimens positive for influenza: 0 case (0.0%) / 56 specimens [influenza subtype: A(H1N1)pdm09 0 case, A(H3N2) 0 case, B 0 case]
- Variation (%p): no change from 0 case (0.0%) / 54 specimens in 35th week of 2021
- Sentinel reporting sites: 63 hospitals/clinics

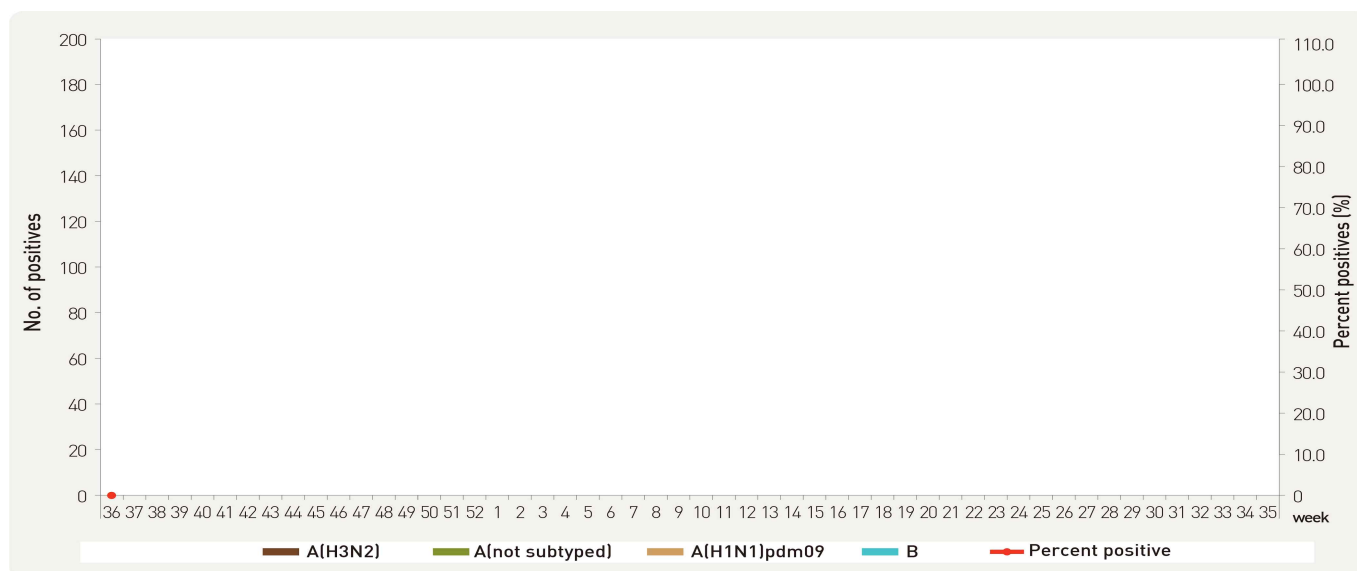


Figure 6. Number of specimens positive for influenza by subtype, 2020-2021 flu season

2. Respiratory viruses, weeks ending September 4, 2021 (36th Week)

- Detection rate: 55.4% (cumulative mean proportion during preceding three weeks plus current week: 37.7% out of 199 specimens)
- Variation (%p): increase from 27.8% in 35th week of 2021
- Sentinel reporting sites: 17 city/provincial health and environmental institutes and 52 hospitals/clinics

| 2021 (week) | Weekly total | | Detection rate (%) | | | | | | | |
|----------------|----------------|--------------------|--------------------|------|------|------|------|------|------|------|
| | No. of samples | Detection rate (%) | HAdV | HPIV | HRSV | IFV | HCoV | HRV | HBoV | HMPV |
| 33 | 48 | 29.2 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 22.9 | 4.2 | 0.0 |
| 34 | 41 | 36.6 | 7.3 | 4.9 | 0.0 | 0.0 | 0.0 | 22.0 | 2.4 | 0.0 |
| 35 | 54 | 27.8 | 14.8 | 0.0 | 0.0 | 0.0 | 0.0 | 13.0 | 0.0 | 0.0 |
| 36 | 56 | 55.4 | 23.2 | 8.9 | 0.0 | 0.0 | 0.0 | 19.6 | 3.6 | 0.0 |
| Cum.* | 199 | 37.7 | 12.6 | 3.5 | 0.0 | 0.0 | 0.0 | 19.1 | 2.5 | 0.0 |
| 2020 Cum.† | 5,819 | 48.6 | 6.5 | 0.4 | 3.1 | 12.0 | 3.4 | 18.4 | 3.5 | 1.4 |

- HAdV: human Adenovirus, HPIV: human Parainfluenza virus, HRSV: human Respiratory syncytial virus, IFV: Influenza virus,

HCoV: human Coronavirus, HRV: human Rhinovirus, HBoV: human Bocavirus, HMPV: human Metapneumovirus

* Cum. : the rate of detected cases between August 8, 2021 – September 4, 2021 (Average no. of detected cases is 50 last 4 weeks)

† 2020 Cum. : the rate of detected cases between December 29, 2019 – December 26, 2020

V. Laboratory-based Pathogen Surveillance: Acute Gastroenteritis Viruses/Bacteria

1. Acute gastroenteritis-causing virus, weeks ending August 28, 2021 (35th Week)

- Detection rate: 25.5% (cumulative mean proportion in 2021: 768 cases [32.3%] out of 2,375 specimens)
- Variation (%p): increase from 21.2% in 34th week of 2021
- Sentinel reporting sites: 17 city/provincial health and environmental institutes and 70 hospitals/clinics

| Week | No. of sample | No. of detection (Detection rate, %) | | | | | | | | | | | |
|-----------|---------------|--------------------------------------|--------|-------------------|-------|--------------------|--------|------------|-------|-----------|-------|-------|--------|
| | | Norovirus | | Group A Rotavirus | | Enteric Adenovirus | | Astrovirus | | Sapovirus | | Total | |
| 2021 32 | 50 | 4 | (8.0) | 0 | (0.0) | 3 | (6.0) | 2 | (4.0) | 0 | (0.0) | 9 | (18.0) |
| 33 | 56 | 4 | (7.1) | 0 | (0.0) | 1 | (1.8) | 1 | (1.8) | 0 | (0.0) | 6 | (10.7) |
| 34 | 33 | 4 | (12.1) | 0 | (0.0) | 1 | (3.0) | 2 | (6.1) | 0 | (0.0) | 7 | (21.2) |
| 35 | 55 | 4 | (7.3) | 0 | (0.0) | 7 | (12.7) | 2 | (3.6) | 1 | (1.8) | 14 | (25.5) |
| Cum. 2021 | 2,375 | 593 | (25.0) | 22 | (0.9) | 45 | (1.9) | 105 | (4.4) | 3 | (0.1) | 768 | (32.3) |

* The samples were collected from children ≤ 5 years of sporadic acute gastroenteritis in Korea.

2. Acute gastroenteritis-causing bacteria, weeks ending August 28, 2021 (35th Week)

- Detection rate: 8.8% (cumulative mean proportion in 2021: 1,173 cases [16.5%] out of 7,092 specimens)
- Variation (%p): decrease from 28.9% in 34th week of 2021
- Sentinel reporting sites: 17 city/provincial health and environmental institutes and 70 hospitals/clinics

| Week | | No. of Sample | No. of isolation (Isolation rate, %) | | | | | | | | | |
|-----------|----|---------------|--------------------------------------|--------------------------|----------------------|---------------------------|--------------------|---------------------------|----------------------|------------------|------------------|-----------------|
| | | | <i>Salmonella</i> spp. | Pathogenic <i>E.coli</i> | <i>Shigella</i> spp. | <i>V.parahaemolyticus</i> | <i>V. cholerae</i> | <i>Campylobacter</i> spp. | <i>C.perfringens</i> | <i>S. aureus</i> | <i>B. cereus</i> | Total |
| 2021 | 32 | 185 | 17 (9.2) | 14 (7.6) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 14 (7.6) | 7 (3.8) | 14 (7.6) | 3 (1.6) | 69 (37.3) |
| | 33 | 218 | 10 (4.6) | 26 (11.9) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 13 (6.0) | 7 (3.2) | 12 (5.5) | 3 (1.4) | 71 (32.6) |
| | 34 | 159 | 11 (6.9) | 17 (10.7) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 4 (2.5) | 1 (0.6) | 6 (3.8) | 6 (3.8) | 46 (28.9) |
| | 35 | 148 | 8 (5.4) | 1 (0.7) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 0 (0.0) | 2 (1.4) | 1 (0.7) | 1 (0.7) | 13 (8.8) |
| Cum. 2021 | | 7,092 | 174 (2.5) | 268 (3.8) | 3 (0.04) | 0 (0.0) | 0 (0.0) | 162 (2.3) | 166 (2.3) | 277 (3.9) | 107 (1.5) | 1,173 (16.5) |

* Bacterial Pathogens: *Salmonella* spp., *E. coli* (EHEC, ETEC, EPEC, EIEC), *Shigella* spp., *Vibrio parahaemolyticus*, *Vibrio cholerae*, *Campylobacter* spp., *Clostridium perfringens*, *Staphylococcus aureus*, *Bacillus cereus*, *Listeria monocytogenes*, *Yersinia enterocolitica*.

* Hospitals participating in Laboratory surveillance in 2021 (69 hospitals)

VI. Laboratory-based Pathogen Surveillance: Enterovirus

1. Enterovirus, weeks ending August 28, 2021 (35th Week)

- Detection rate: 0.0% (0 case / 2 specimens) (cumulative mean proportion in 2021: 1.4% [4 cases / 281 specimens])
 - Aseptic meningitis: 0 case (Cum. 2021: 1 case)
 - HFMD and herpangina: 0 case (Cum. 2021: 1 case)
 - HFMD with complications: 0 case (Cum. 2021: 0 case)
 - Other: 0 case (Cum. 2021: 2 cases)
- Variation (%p): decrease from 50.0% in 34th week of 2020
- Sentinel reporting sites: 14 city/provincial health and environmental institutes and 60 hospitals/clinics

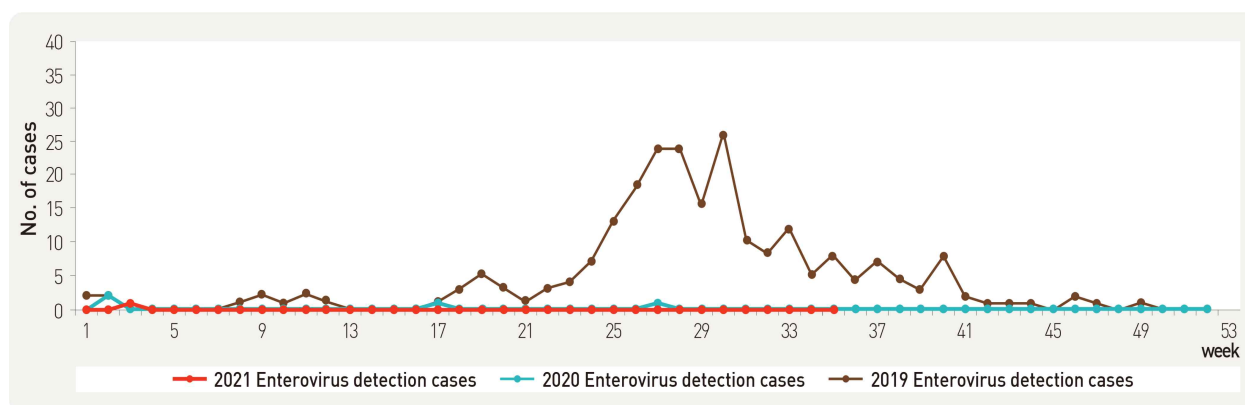


Figure 7. Detection of enterovirus in aseptic meningitis patients from 2019 to 2020

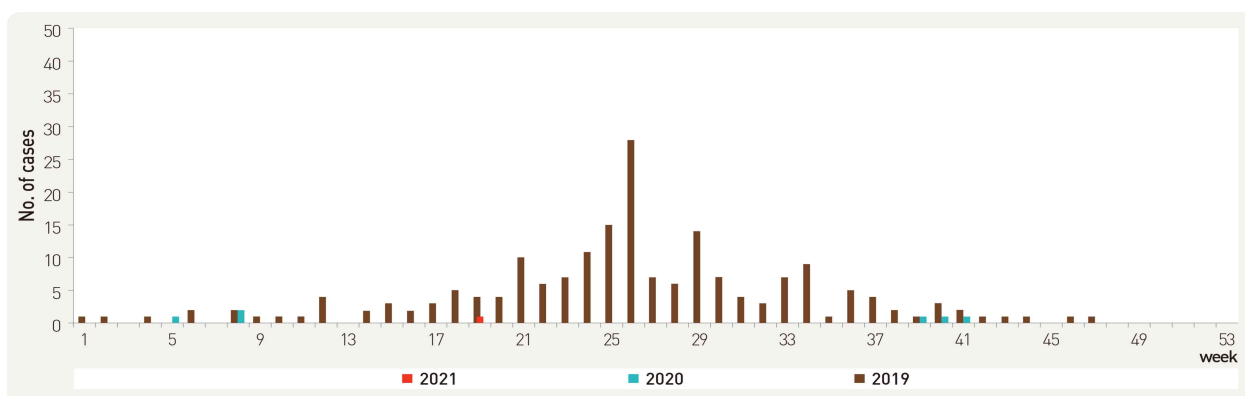


Figure 8. Detection of enterovirus in HFMD and herpangina patients from 2019 to 2020

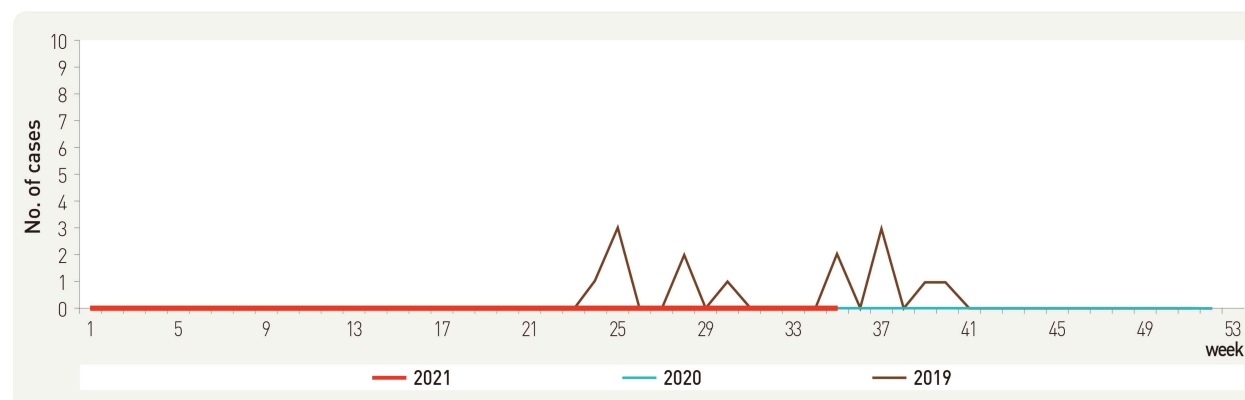


Figure 9. Detection of enterovirus in HFMD with complications patients from 2019 to 2020

VII. Vector Surveillance: Malaria Vector Mosquitoes

1. Malaria vector mosquitoes, weeks ending August 28, 2021 (35th Week)

- No. of malaria vector mosquitoes: 5
- Variation: no change from 5 in 34th week of 2021
- Sentinel reporting sites: 3 city/province (50 sites)
 - ※ No. of mosquitoes: average number of mosquitoes/trap/day

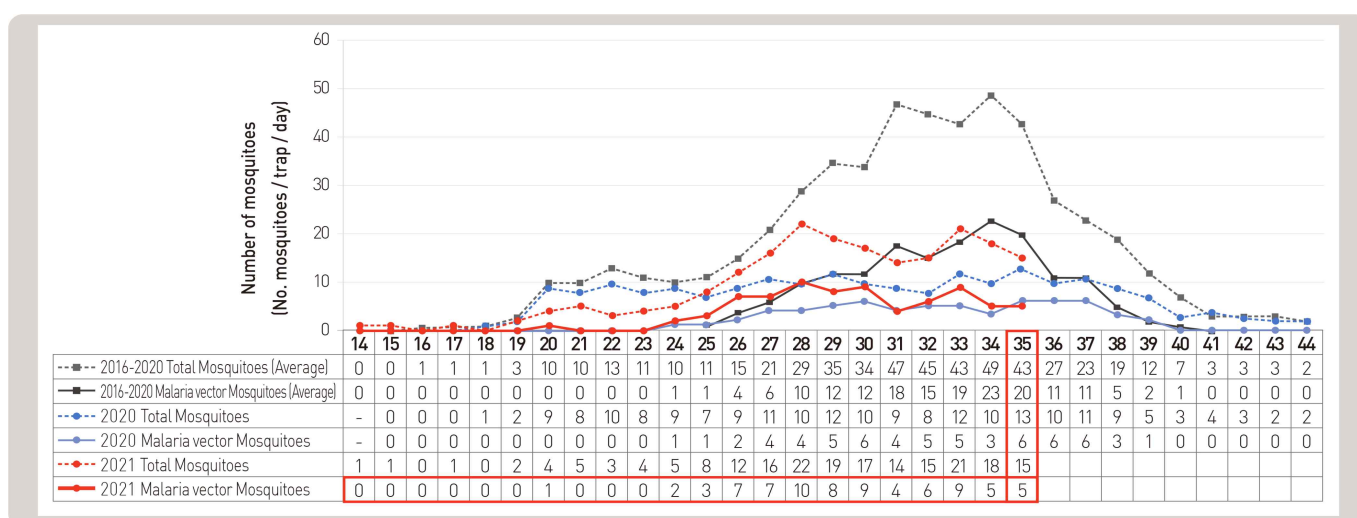


Figure 10. Weekly incidences of malaria vector mosquitoes in 2021

VIII. Vector Surveillance: Japanese encephalitis vector Mosquitoes

1. Japanese encephalitis vector mosquitoes, weeks ending September 4, 2021 (36th Week)

- No. of Japanese encephalitis vector mosquitoes: 116
- ※ JEV: Japanese encephalitis vector
- Variation: increase from 99 in 35th week of 2021
- Sentinel reporting sites: 9 city/provincial health and environmental institutes (9 sites)
 - ※ No. of mosquitoes: average number of mosquitoes/trap/day

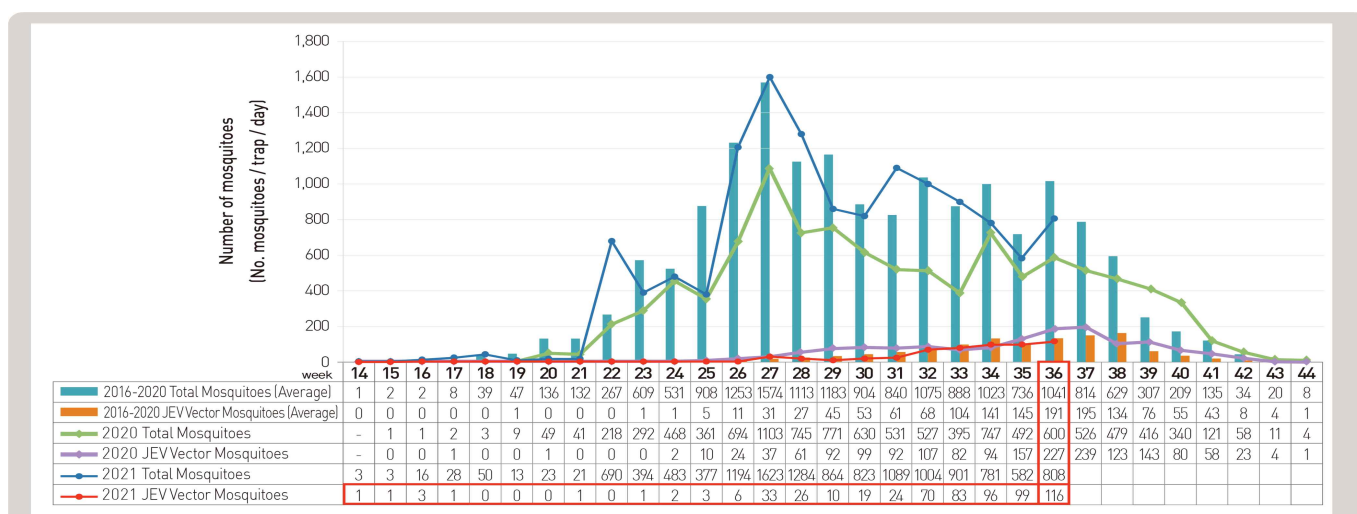


Figure 11. Weekly incidences of Japanese encephalitis vector mosquitoes in 2021

IX. Vector Surveillance: Scrub typhus vector chigger mites

1. Scrub typhus vector chigger mites, weeks ending September 4, 2021 (36th Week)

- Trap index of chigger mites: 0.00
- Variation: decrease from 0.01 in 36th week of 2020
- Sentinel reporting sites: 9 city/province (16 sites)
 - ※ Trap index of chigger mites: average number of chigger in 16 sites (320 traps) per week

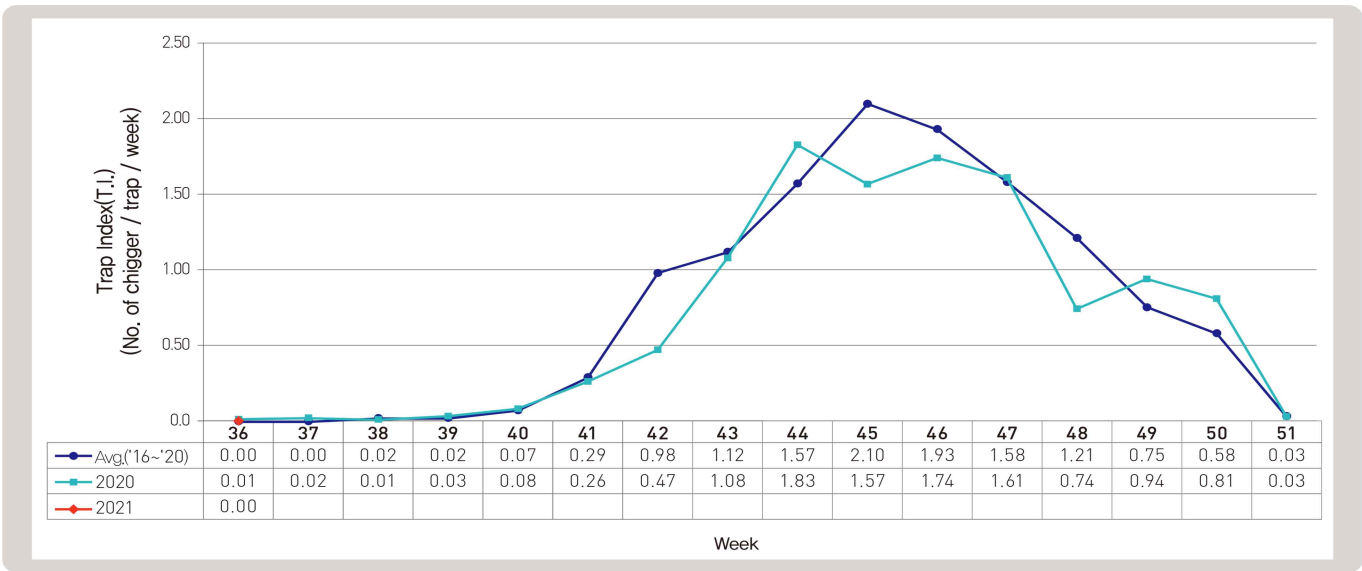


Figure 12. Weekly incidences of scrub typhus vector chiggers in 2021

About PHWR Disease Surveillance Statistics

The Public Health Weekly Report (PHWR) Disease Surveillance Statistics is prepared by the Korea Disease Control and Prevention Agency (KCDA). These provisional surveillance data on the reported occurrence of national notifiable diseases and conditions are compiled through population-based or sentinel-based surveillance systems and published weekly, except for data on infrequent or recently-designated diseases. These surveillance statistics are informative for analyzing infectious disease or condition numbers and trends. However, the completeness of data might be influenced by some factors such as a date of symptom or disease onset, diagnosis, laboratory result, reporting of a case to a jurisdiction, or notification to Korea Disease Control and Prevention Agency. The official and final disease statistics are published in infectious disease surveillance yearbook annually.

Using and Interpreting These Data in Tables

- **Current Week** – The number of cases under current week denotes cases who have been reported to Korea CDC at the central level via corresponding jurisdictions(health centers, and health departments) during that week and accepted/approved by surveillance staff.
- **Cum. 2021** – For the current year, it denotes the cumulative(Cum) year-to-date provisional counts for the specified condition.
- **5-year weekly average** – The 5-year weekly average is calculated by summing, for the 5 proceeding years, the provisional incidence counts for the current week, the two weeks preceding the current week, and the two weeks following the current week. The total sum of cases is then divided by 5 weeks. It gives help to discern the statistical aberration of the specified disease incidence by comparing difference between counts under current week and 5-year weekly average.

For example,

| | | Week Number | | | | |
|------|------|-------------|-----|--------------|-----|-----|
| | | 10 | 11 | 12 | 13 | 14 |
| Year | 2021 | | | Current week | | |
| | 2020 | X1 | X2 | X3 | X4 | X5 |
| | 2019 | X6 | X7 | X8 | X9 | X10 |
| | 2018 | X11 | X12 | X13 | X14 | X15 |
| | 2017 | X16 | X17 | X18 | X19 | X20 |
| | 2016 | X21 | X22 | X23 | X24 | X25 |

5-year weekly average for current week

$$= (X1 + X2 + \dots + X25) / 5$$

- **Cum. 5-year average** – Mean value calculated by cumulative counts from 1st week to current week for 5 preceding years. It gives help to understand the increasing or decreasing pattern of the specific disease incidence by comparing difference between cum. 2021 and cum. 5-year average.

Contact Us

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