the National Institute for Communicable Diseases

# Introduction

This document reports the Conditions notified to Notifiable Medical Conditions and flagged for reporting to WHO as part of the Integrated Disease Surveillance and Response (IDSR). Data was exported from the NMCSS on Thursday, June 06, 2024 09:32 AM. It covers conditions reported to the NMCSS for for **Epiweek 21** of 2024, which is from **Sunday, May 26** to **Saturday, June 01**.

**Please note:** numbers reported are are subject to change as verification and confirmation procedures are carried out. Numbers presented here are the best representation at the time of release.

For more notes on **data interpretation** please see [NMCSS interpretation](https://www.nicd.ac.za/wp-content/uploads/2022/09/NMCSS-Data-Interpretation-Infographic-final2.pdf).

## Category 1 Conditions at a glance

Table 1: The number of notifications that are suspected and confirmed for category 1 conditions.

| **Condition** | **Total**  N = 3981 | **Suspected**,  N = 3501 | **Confirmed**,  N = 481 |
| --- | --- | --- | --- |
| Acute flaccid paralysis | 6 | 6 | 0 |
| Acute rheumatic fever | 0 | 0 | 0 |
| Anthrax | 0 | 0 | 0 |
| Botulism | 0 | 0 | 0 |
| Cholera | 0 | 0 | 0 |
| Congenital rubella syndrome | 2 | 2 | 0 |
| Covid-19 | 248 | 245 | **3** |
| Crimean-congo viral haemorrhagic fever (human) | 0 | 0 | 0 |
| Diphtheria | 0 | 0 | 0 |
| Ebola virus (VHF) | 0 | 0 | 0 |
| Enteric fever (typhoid or paratyphoid fever) | 4 | 2 | **2** |
| Food borne illness outbreak | 4 | 4 | 0 |
| Haemolytic uraemic syndrome (HUS) | 0 | 0 | 0 |
| Listeriosis | 1 | 1 | 0 |
| Malaria | 35 | 0 | **35** |
| Marburg virus (VHF) | 0 | 0 | 0 |
| Measles | 63 | 61 | **2** |
| Meningococcal disease | 5 | 2 | **3** |
| Mpox | 2 | 2 | 0 |
| Pertussis | 13 | 11 | **2** |
| Plague | 0 | 0 | 0 |
| Poliomyelitis | 0 | 0 | 0 |
| Rabies | 0 | 0 | 0 |
| Respiratory disease caused by a novel respiratory pathogen | 0 | 0 | 0 |
| Rift valley fever (human) | 0 | 0 | 0 |
| Rubella | 15 | 14 | **1** |
| Smallpox | 0 | 0 | 0 |
| Waterborne illness outbreak - undefined | 0 | 0 | 0 |
| Yellow fever | 0 | 0 | 0 |
| 1Suspected and confirmed cases are independent and are not totalled - suspected and confirmed cases are distinct. | | | |

## Context

### Confirmed Notifications

#### Epitable

Table 2: Number of confirmed notifications on NMCSS per epiweek in 2024. The Average notifications are calculated based on notificaitons received in 2022 and 2023 with a confidence interval.

|  | Average Notifications | | Epiweeks | | | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristic** |  | **95% CI**1 | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** | **27** |
| Acute flaccid paralysis | 0.0593 | 2.0, 4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cholera | 0.95 | 1.5, 5.5 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congenital rubella syndrome | 0.0169 | 1.0, 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Crimean-congo viral haemorrhagic fever (human) | 0.0212 | 1.0, 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Diphtheria | 0.11 | 1.0, 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Enteric fever (typhoid or paratyphoid fever) | 1.40 | 2.0, 2.5 | 2 | 1 | 2 | 6 | 3 | 1 | 2 | 2 | 3 | 1 | 3 | 3 | 0 | 1 | 1 | 2 | 0 | 0 | 4 | 1 | 2 | 4 | 0 | 0 | 0 | 0 | 0 |
| Food borne illness outbreak | 0.1017 | 2.0, 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Listeriosis | 0.62 | 1.5, 1.5 | 0 | 1 | 1 | 3 | 2 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaria | 109 | 75, 96 | 35 | 120 | 217 | 187 | 109 | 116 | 61 | 48 | 61 | 48 | 60 | 52 | 34 | 40 | 42 | 55 | 58 | 101 | 63 | 44 | 107 | 70 | 46 | 0 | 0 | 0 | 0 |
| Measles | 1.49 | 2.5, 3.5 | 2 | 3 | 1 | 0 | 0 | 0 | 1 | 4 | 0 | 1 | 2 | 3 | 0 | 1 | 2 | 1 | 2 | 6 | 3 | 1 | 3 | 5 | 1 | 0 | 0 | 0 | 0 |
| Meningococcal disease | 1.00 | 2.0, 2.5 | 1 | 3 | 4 | 5 | 1 | 0 | 2 | 2 | 1 | 2 | 4 | 0 | 1 | 3 | 1 | 2 | 2 | 5 | 6 | 2 | 11 | 9 | 4 | 0 | 0 | 0 | 0 |
| Pertussis | 10 | 14, 19 | 6 | 24 | 21 | 6 | 15 | 7 | 3 | 6 | 5 | 18 | 10 | 10 | 11 | 6 | 5 | 12 | 7 | 40 | 3 | 4 | 6 | 8 | 0 | 0 | 0 | 0 | 0 |
| Rabies | 0.09 | 1.0, 1.0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Respiratory disease caused by a novel respiratory pathogen | 0.0169 | NA, NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rubella | 1.5 | 2.5, 6.5 | 1 | 4 | 3 | 3 | 4 | 5 | 0 | 3 | 3 | 0 | 4 | 4 | 25 | 0 | 10 | 2 | 4 | 10 | 3 | 1 | 10 | 2 | 0 | 0 | 0 | 0 | 0 |
| Covid-19 | 403 | 25, 256 | 0 | 3 | 5 | 2 | 1 | 3 | 3 | 3 | 7 | 2 | 6 | 6 | 3 | 1 | 4 | 7 | 4 | 5 | 32 | 16 | 14 | 6 | 6 | 0 | 0 | 0 | 0 |
| Mpox | 0.0297 | 2.0, 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 |
| 1CI = Confidence Interval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

### Confirmed Notifications

#### Trends Plot

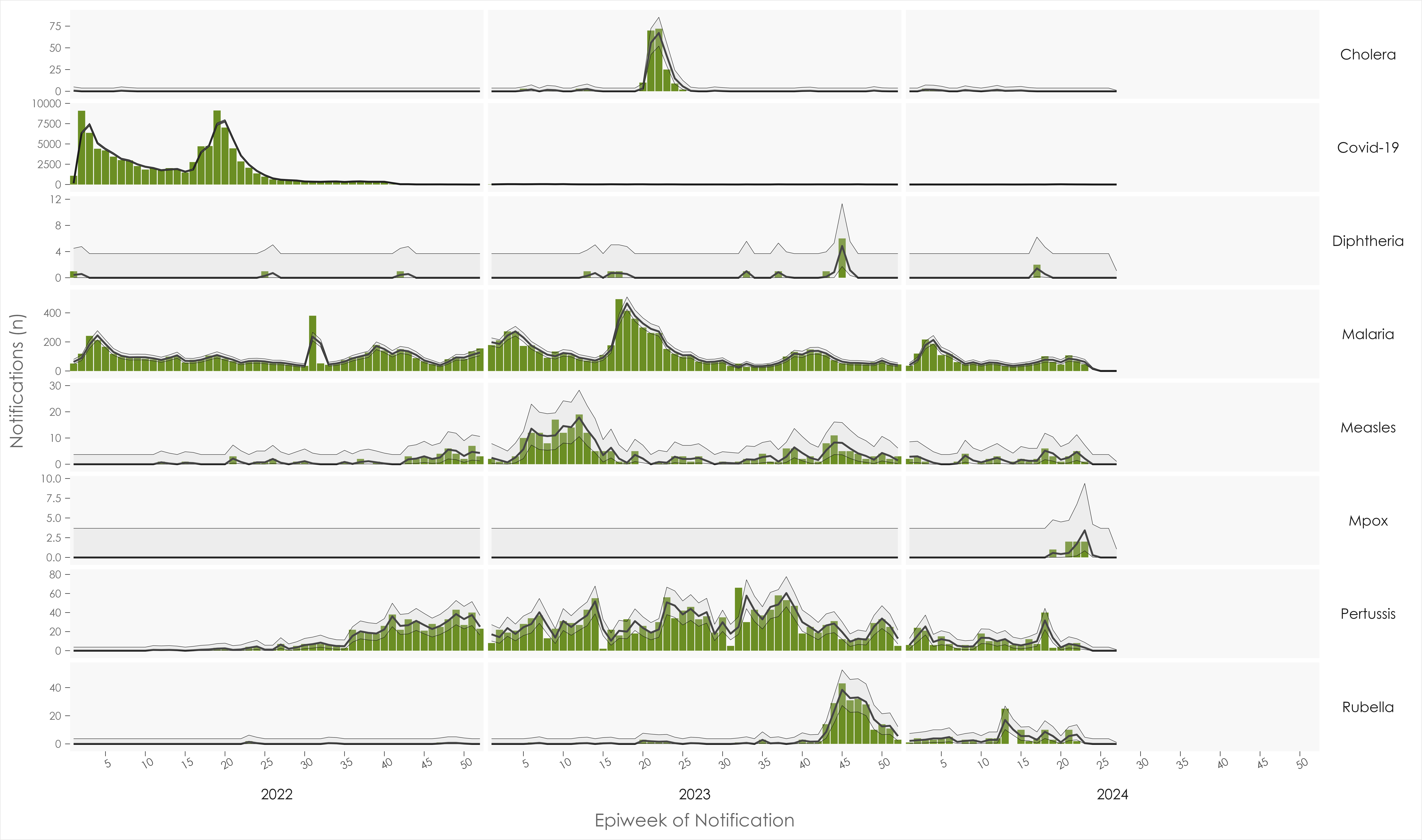


Figure 1: Trend of weekly number of confirmed notifications for selected conditions reported to the NMC, in South Africa; January, 2022-June, 2024

### All Notifications

#### Epitable

Table 3: Number of notifications on NMCSS per epiweek in 2024. The Average notifications are calculated based on notificaitons received in 2022 and 2023 with a confidence interval.

|  | Average Notifications | | Epiweeks | | | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristic** |  | **95% CI**1 | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** | **27** |
| Acute flaccid paralysis | 4.5 | 4.0, 5.0 | 2 | 9 | 6 | 6 | 7 | 1 | 8 | 4 | 6 | 10 | 7 | 5 | 1 | 6 | 4 | 8 | 4 | 14 | 9 | 5 | 8 | 12 | 6 | 0 | 0 | 0 | 0 |
| Acute rheumatic fever | 0.30 | 1.0, 1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Botulism | 0.0720 | 1.0, 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cholera | 6.4 | 3.5, 7.5 | 0 | 2 | 12 | 8 | 48 | 12 | 12 | 11 | 14 | 5 | 8 | 6 | 3 | 2 | 2 | 2 | 0 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Congenital rubella syndrome | 2.28 | 2.5, 3.5 | 0 | 3 | 2 | 2 | 5 | 3 | 2 | 6 | 2 | 4 | 6 | 2 | 4 | 1 | 2 | 2 | 2 | 6 | 1 | 5 | 8 | 4 | 6 | 0 | 0 | 0 | 0 |
| Crimean-congo viral haemorrhagic fever (human) | 0.14 | 1.0, 1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Diphtheria | 0.60 | 1.5, 2.0 | 0 | 0 | 0 | 1 | 2 | 0 | 1 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 4 | 0 | 0 | 0 | 0 |
| Enteric fever (typhoid or paratyphoid fever) | 3.9 | 4.0, 5.0 | 3 | 2 | 2 | 8 | 4 | 3 | 2 | 4 | 3 | 1 | 5 | 6 | 1 | 8 | 4 | 12 | 2 | 8 | 7 | 4 | 10 | 8 | 4 | 0 | 0 | 0 | 0 |
| Food borne illness outbreak | 10 | 7.5, 11 | 30 | 10 | 18 | 11 | 24 | 27 | 36 | 48 | 11 | 19 | 4 | 31 | 4 | 15 | 9 | 13 | 3 | 24 | 7 | 21 | 12 | 8 | 0 | 0 | 0 | 0 | 0 |
| Haemolytic uraemic syndrome (HUS) | 0.0551 | 1.0, 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Listeriosis | 2.03 | 2.0, 2.5 | 0 | 1 | 1 | 5 | 2 | 1 | 1 | 6 | 4 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 2 | 2 | 2 | 0 | 0 | 0 | 0 |
| Malaria | 109 | 75, 96 | 35 | 120 | 217 | 187 | 109 | 116 | 61 | 48 | 61 | 48 | 60 | 52 | 34 | 40 | 42 | 55 | 58 | 101 | 63 | 44 | 107 | 70 | 46 | 0 | 0 | 0 | 0 |
| Measles | 27 | 22, 35 | 40 | 49 | 44 | 35 | 35 | 42 | 45 | 61 | 48 | 72 | 71 | 52 | 46 | 44 | 41 | 64 | 96 | 117 | 70 | 80 | 161 | 126 | 95 | 0 | 0 | 0 | 0 |
| Meningococcal disease | 2.36 | 2.5, 3.5 | 3 | 3 | 4 | 5 | 4 | 0 | 3 | 2 | 3 | 2 | 6 | 3 | 3 | 5 | 3 | 2 | 3 | 5 | 6 | 3 | 11 | 11 | 9 | 0 | 0 | 0 | 0 |
| Pertussis | 19 | 20, 29 | 21 | 50 | 47 | 27 | 30 | 29 | 18 | 18 | 19 | 21 | 15 | 16 | 13 | 14 | 17 | 17 | 16 | 64 | 18 | 10 | 38 | 26 | 22 | 0 | 0 | 0 | 0 |
| Plague | 0.0085 | NA, NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Poliomyelitis | 0.0127 | 1.5, 1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rabies | 0.66 | 1.5, 2.0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Respiratory disease caused by a novel respiratory pathogen | 11 | 3.0, 11 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rubella | 10 | 5.5, 7.0 | 6 | 34 | 16 | 28 | 15 | 13 | 10 | 18 | 12 | 38 | 45 | 32 | 49 | 12 | 23 | 12 | 30 | 52 | 27 | 31 | 99 | 32 | 66 | 0 | 0 | 0 | 0 |
| Smallpox | 0.0508 | 1.0, 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Waterborne illness outbreak - undefined | 0.25 | 1.0, 1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yellow fever | 0.0720 | 1.0, 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Anthrax | 0.0085 | NA, NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mpox | 0.10 | 1.0, 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 4 | 7 | 0 | 0 | 0 | 0 |
| Covid-19 | 1 181 | 571, 914 | 129 | 118 | 130 | 126 | 107 | 130 | 112 | 143 | 133 | 110 | 123 | 101 | 99 | 102 | 148 | 218 | 261 | 496 | 764 | 710 | 989 | 496 | 301 | 0 | 0 | 0 | 0 |
| Marburg virus (VHF) | 0.0042 | NA, NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ebola virus (VHF) | 0.0042 | NA, NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1CI = Confidence Interval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

### All Notifications

#### Trends Plot

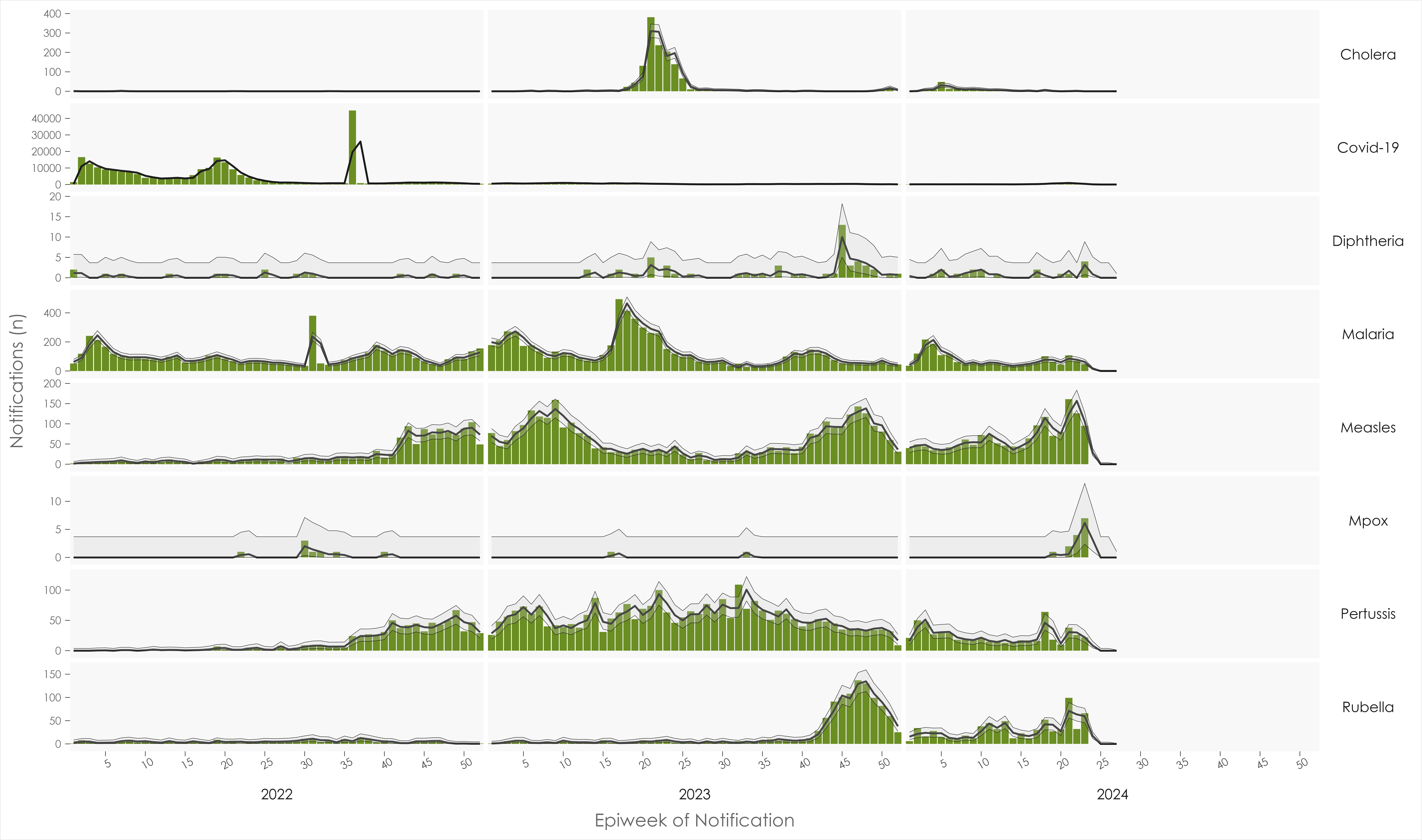


Figure 2: Trend of weekly number of all notifications for selected conditions reported to the NMC, in South Africa, January, 2022-June, 2024