



Commonwealth Healthcare Corporation

CNMI Weekly Syndromic Surveillance Report



EPI WEEK 4

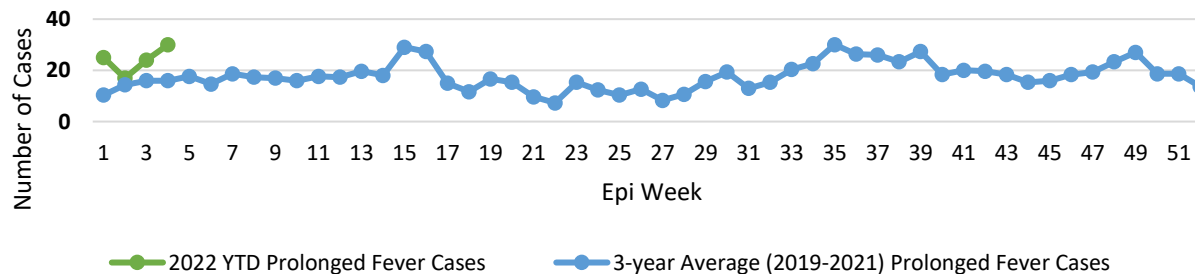
EPI WEEK DATE: January 23, 2022 – January 29, 2022

| Clinic | Influenza-Like-Illness (ILI) | | Diarrhea (DIA) | | Prolonged Fever (PF) | | Acute Fever and Rash (AFR) | | Total Encounters | |
|------------------------------|------------------------------|--------------|----------------|--------------|----------------------|--------------|----------------------------|--------------|------------------|--------------|
| | Last week | Current week | Last week | Current week | Last week | Current week | Last week | Current week | Last week | Current Week |
| CHCC Family Care Clinic | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 216 | 329 |
| CHCC Women's Clinic | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 116 | 136 |
| CHCC Children's Clinic | 2 | 1 | 0 | 1 | 4 | 6 | 0 | 0 | 141 | 305 |
| CHCC Emergency Room | 14 | 3 | 4 | 10 | 17 | 20 | 0 | 0 | 481 | 501 |
| Kagman Isla Community Health | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 180 | 195 |
| Tinian Isla Community Health | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 47 |
| CHCC Tinian Health Center | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 71 | 116 |
| CHCC Rota Health Center | 1 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 99 | 110 |
| | 17 | 4 | 6 | 11 | 24 | 30 | 0 | 0 | 1336 | 1739 |

KEY TAKEAWAYS

- **23% increase in total encounter cases** was seen this epi week (#3) compared to last epi week (#2).
- **67% decrease in influenza like illness cases** was seen this epi week (#4) compared to the average of the previous 3 epi weeks (#3, 2 & 1).
- **36% increase in Prolonged fever cases** was seen this epi week (#3) compared to the average of the previous 3 epi weeks (#3, 2 & 1).

Total Number of Prolonged Fever Cases Reported at CNMI Sentinel Sites by Epi Week, 2022



ALERTS AND TRENDS

- ↓ ILI: Increase from previous week
- ↑ PF: Increase from previous week
- ↔ AFR: Stable from previous week
- ↑ DIA: Decrease from previous week

| Syndromes | Epi Week | | | | % Change from current week to previous 3 weeks |
|------------------------|----------|----|----|----|--|
| | 4 | 3 | 2 | 1 | |
| Acute Fever and Rash | 0 | 0 | 1 | 1 | Unstable |
| Prolonged fever | 30 | 24 | 17 | 25 | 36% |
| Influenza-like illness | 4 | 17 | 7 | 12 | -67% |
| Diarrhea | 11 | 6 | 9 | 12 | 22% |

| ANTIMICROBIAL RESISTANT SURVEILLANCE | |
|---------------------------------------|-----------------|
| Site | Total Organisms |
| CHCC- ER | 4 |
| Total Counts | 8 |
| Rate per 10,000 outpatient encounters | 40.6 |



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EPI WEEK 4

EPI WEEK DATE: January 23 – January 29, 2022

| POLY-SUBSTANCE* | |
|-----------------|-----------|
| PS OD | PS MISUSE |
| 0 | 0 |

| OPIOID | | | | |
|--------|----|--------|-----------|---------------|
| OP OD | OD | S/P OD | OP MISUSE | S/P OP MISUSE |
| 0 | 0 | 0 | 0 | 1 |

| STIMULANT | | | | |
|-----------|-----|---------|-----------|---------------|
| ST OD | SUD | S/P SUD | ST MISUSE | S/P ST MISUSE |
| 0 | 0 | 0 | 0 | 0 |

| OTHER |
|-------|
| OS OD |
| 0 |

*Poly-Substance encounters are also counted under respective categories.

OD2A: OPIOID & STIMULANT SURVEILLANCE PATIENT ENCOUNTER by EPI WEEK 2022

- FATAL OVERDOSE
- NON-FATAL OVERDOSE
- SUBSTANCE USE DISORDER or MISUSE



| ACRONYMS | | | |
|------------------------|--------------------------|------------------------|--|
| FATAL / NON-FATAL CASE | | OUD, SUD or MISUSE | Confirmed Poly-Substance Misuse |
| PS OD | Poly-Substance Overdose | | Confirmed Opioid Use Disorder or Opioid Misuse |
| OP OD | Opioid Overdose | | Confirmed Stimulant Use Disorder or Stimulant Misuse |
| ST OD | Stimulant Overdose | S/P OUD, SUD or MISUSE | Suspected Opioid Use Disorder or Opioid Misuse |
| OS OD | Other Substance Overdose | | Suspected Stimulant Use Disorder or Stimulant Misuse |

REPORTING SITE:

ED - Emergency Department, CHCC;
CC - Children's Clinic, CHCC; **FCC** - Family Care Clinic, CHCC;
WC - Women's Clinic, CHCC;
THC - Tinian Health Clinic, CHCC; **RHC** - Rota Health Center, CHCC;
KICH - Kagman Isla Community Health; **TICH** - Tinian Isla Community Health



Overdose Data to Action Program Suite 305, Marina Heights II Building
P.O. Box 500409, Saipan, MP 96950
Telephone: (670) 322-0061 Email: cnmiod2a@chcc.gov.mp



Commonwealth Healthcare Corporation

CNMI Weekly Notifiable Disease Report



EPI WEEK 4

EPI WEEK DATE: January 23, 2022 – January 29, 2022

In the table below, weekly and year to date counts are displayed through epi week 4. Additionally, a 3-year weekly average of incident counts comparing the incident count for this time period to the average of the previous 3 years (2019-2021) is included as well as incident rates for conditions that have counts greater than 20. Rates cannot be calculated for counts less than 20 due to statistical unreliability.

| Condition | Epi Week 4 | 2022 YTD | 3-year weekly average incident counts | 2022 YTD Incident Rate* | 2021 Incident Rate* |
|-----------------------------|------------|----------|---------------------------------------|-------------------------|---------------------|
| Enteric | | | | | |
| Campylobacter | 0 | 0 | | | 29.6 |
| Ciguatera fish poisoning | 0 | 0 | | | 33.8 |
| Salmonella | 0 | 1 | | | 25.4 |
| Environmental | | | | | |
| Elevated Blood Lead Levels | 0 | 0 | | | 31.7 |
| Sexually Transmitted | | | | | |
| Chlamydia | 4 | 19 | 5 | 40.1 | 437.4 |
| Gonorrhea | 0 | 4 | 0 | 8.5 | 35.9 |
| Syphilis | 0 | 0 | 0.2 | 0.0 | 6.3 |
| Respiratory | | | | | |
| COVID-19 | 617 | 1538 | 1 | 3249.6 | 6757.0 |
| Post-Vaccine | 472 | 1071 | 0 | 2262.9 | 4198.3 |
| Tuberculosis | | | | | |
| TB, Confirmed | 0 | 0 | 1 | 0.0 | 46.5 |
| TB, Under Investigation | 3 | 21 | 0 | 44.4 | 44.4 |

*Rate per 100,000; Data are preliminary and subject to change. CNMI population estimates were determined using 2021 Census International Database (https://www.census.gov/data-tools/demo/idb/#/country?YR_ANIM=2021&COUNTRY_YR_ANIM=2021&FIPS_SINGLE=CQ)



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CNMI Weekly COVID-19 Surveillance Report



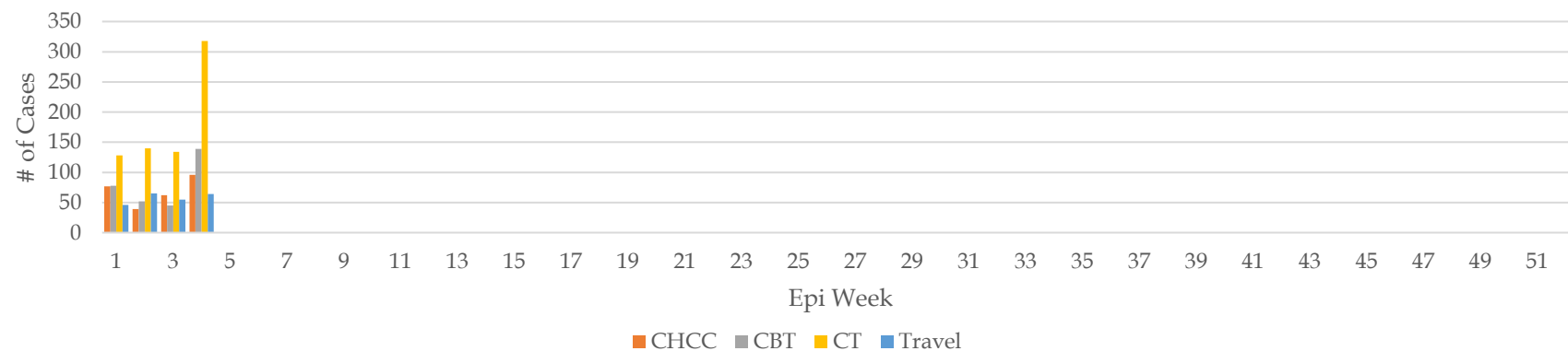
REPORTING PERIOD: EPI YEAR 2022 as of EPI WEEK 3

For additional COVID-19 data, please visit this link: <https://chcc.datadriven.health/ui/99/dashboard/cbaeede2-4f75-11eb-b380-0242ac1d004a>

Covid-19 Cases Reported, January 02, 2022 - January 29, 2022



Covid-19 Diagnoses Source, January 02, 2022 - January 29, 2022



For **COVID-19 vaccination data**, please visit this link: <https://www.vaccinatecnmi.com/vax-dashboard/>

*Data are preliminary and subject to change.



Commonwealth Healthcare Corporation

CNMI Weekly Health & Vital Statistics Report



REPORTING PERIOD: EPI YEAR 2022 as of EPI WEEK 4

The statistics on births, deaths, and causes of deaths in this report are derived from birth and death registrations processed daily at the Health and Vital Statistics Office.

| <ul style="list-style-type: none">• Number of births: <u>6 (34)</u>• Average: <u>9 (per week)</u>• Infections present and/or treated during pregnancy:<ul style="list-style-type: none">○ Chlamydia: <u>0 (0)</u>○ Gonorrhea: <u>1 (1)</u>○ Syphilis: <u>0 (0)</u>○ Hepatitis B: <u>0 (0)</u>○ Hepatitis C: <u>0 (0)</u>○ COVID-19: <u>0 (3)</u>• Substance use during pregnancy:<ul style="list-style-type: none">○ Cigarette smoking: <u>0 (0)</u>○ Betelnut chewing: <u>0 (8)</u>○ Betelnut chewing + tobacco: <u>0 (8)</u>○ Alcohol use: <u>0 (0)</u>○ Drug use: <u>0 (0)</u>• Maternal risk factors in pregnancy:<ul style="list-style-type: none">○ Pre-pregnancy DM: <u>0 (2)</u>○ Gestational DM: <u>0 (6)</u>○ Pre-pregnancy HTN: <u>0 (0)</u>○ Gestational HTN: <u>0 (3)</u> | <ul style="list-style-type: none">• Number of deaths: <u>11 (34)</u>• Average: <u>9 (per week)</u>• Number of deaths who received COVID-19 vaccine:<table><tr><th>Age range:</th><th>< 5</th><th>≥ 5</th><th>12-17</th><th>18 & over</th></tr><tr><td>Nº of death</td><td>0 (1)</td><td>0 (0)</td><td>0 (0)</td><td>11 (33)</td></tr><tr><td>Nº Vaccinated</td><td>N/A</td><td>0 (0)</td><td>0 (0)</td><td>7 (21)</td></tr><tr><td>% Vaccinated</td><td>N/A</td><td>0%</td><td>0%</td><td>64%</td></tr></table><i>Note 1: On 11/6/2021, children aged 5 & over are eligible to receive the COVID-19 vaccine in the CNMI.</i>• COVID-19 related deaths: <u>2 (10)</u><ul style="list-style-type: none">○ <u>COVID-19 as underlying cause of death:</u> <u>1 (8)</u>○ <u>COVID-19 as other contributing condition:*</u> <u>1 (2)</u><p>*** Reported as other significant conditions contributing to death but NOT resulting in the underlying cause</p>• Opioid related deaths: <u>0 (0)</u>• Top 5 Leading Causes of Death:<ul style="list-style-type: none">○ Diseases of the circulatory system: <u>5 (12)</u>○ Codes for special purposes (COVID-19): <u>1 (8)</u>○ Neoplasms: <u>1 (3)</u>○ Endocrine, nutritional and metabolic diseases: <u>2 (2)</u>○ External causes of mortality: <u>0 (2)</u>○ All other causes: <u>7 (7)</u> | Age range: | < 5 | ≥ 5 | 12-17 | 18 & over | Nº of death | 0 (1) | 0 (0) | 0 (0) | 11 (33) | Nº Vaccinated | N/A | 0 (0) | 0 (0) | 7 (21) | % Vaccinated | N/A | 0% | 0% | 64% |
|---|--|------------|-------|-----------|-------|-----------|-------------|-------|-------|-------|---------|---------------|-----|-------|-------|--------|--------------|-----|----|----|-----|
| Age range: | < 5 | ≥ 5 | 12-17 | 18 & over | | | | | | | | | | | | | | | | | |
| Nº of death | 0 (1) | 0 (0) | 0 (0) | 11 (33) | | | | | | | | | | | | | | | | | |
| Nº Vaccinated | N/A | 0 (0) | 0 (0) | 7 (21) | | | | | | | | | | | | | | | | | |
| % Vaccinated | N/A | 0% | 0% | 64% | | | | | | | | | | | | | | | | | |

Vital events reported, January 2 - January 29, 2022

