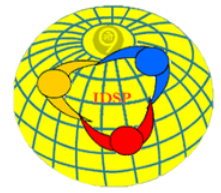




Integrated Disease Surveillance Programme
Department of Health and Family Welfare,
Government of Meghalaya



Monthly Bulletin

Reporting period: 1st July 2023 to 31st July 2023
Integrated Health Information Platform (IHIP)

IDSP-IHIP Reporting Status

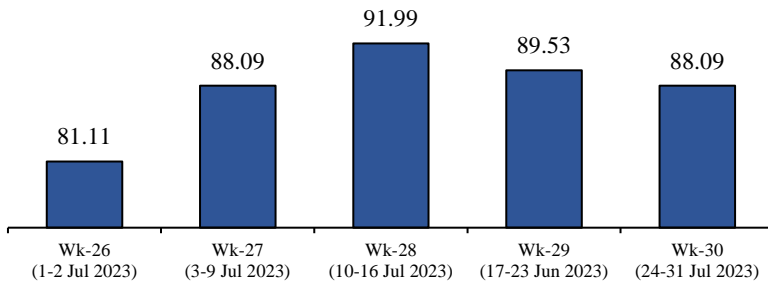
S-Form
88.91%

P-Form
90.87%

L-Form
91.75%

S-Form Reporting Status

Average Daily S (Syndromic) form Reporting Status, Meghalaya



Top Three Districts

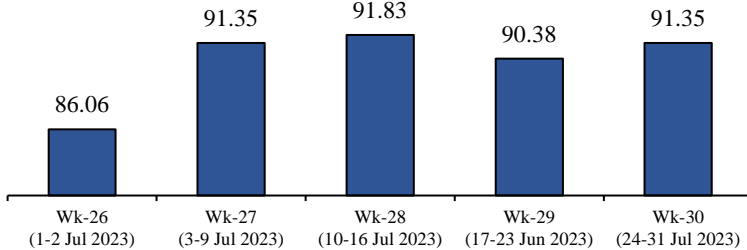
| District | Total RUs | % Reporting Status |
|--------------------|-----------|--------------------|
| East Khasi Hills | 77 | 100 |
| South Garo Hills | 22 | 98.25 |
| East Jaintia Hills | 44 | 95.28 |

Bottom Three Districts

| District | Total RUs | % Reporting Status |
|------------------------|-----------|--------------------|
| South West Khasi Hills | 22 | 80.24 |
| South West Garo Hills | 27 | 80.91 |
| North Garo Hills | 50 | 83.31 |

P-Form Reporting Status

Average Daily P (Presumptive) form Reporting Status, Meghalaya



Top Three Districts

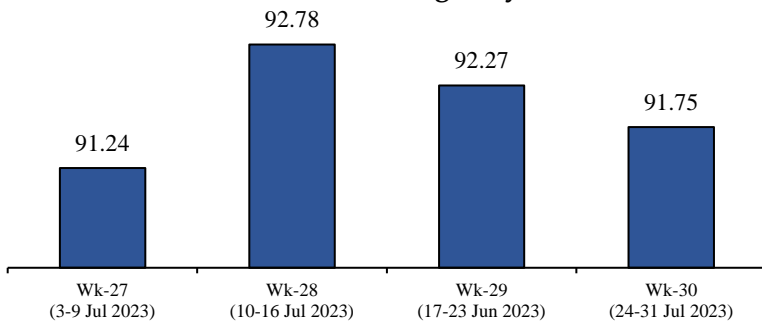
| District | Total RUs | % Reporting Status |
|------------------|-----------|--------------------|
| East Khasi Hills | 63 | 100 |
| South Garo Hills | 8 | 99.04 |
| West Khasi Hills | 9 | 95.73 |

Bottom Three Districts

| District | Total RUs | % Reporting Status |
|--------------------------|-----------|--------------------|
| Eastern West Khasi Hills | 15 | 69.74 |
| East Garo Hills | 11 | 76.22 |
| South West Khasi Hills | 6 | 82.69 |

L-Form Reporting Status

Average Daily L (Laboratory) form Reporting Status, Meghalaya



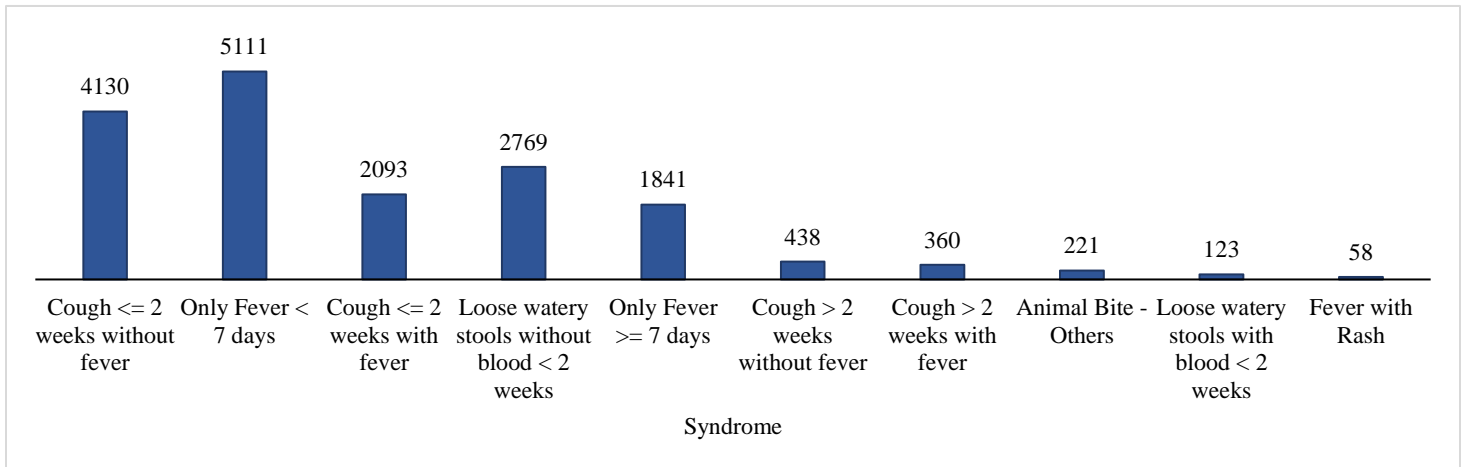
Top Three Districts

| District | Total RUs | % Reporting Status |
|------------------------|-----------|--------------------|
| East Khasi Hills | 58 | 99.67 |
| South Garo Hills | 8 | 97.12 |
| South West Khasi Hills | 5 | 95.38 |

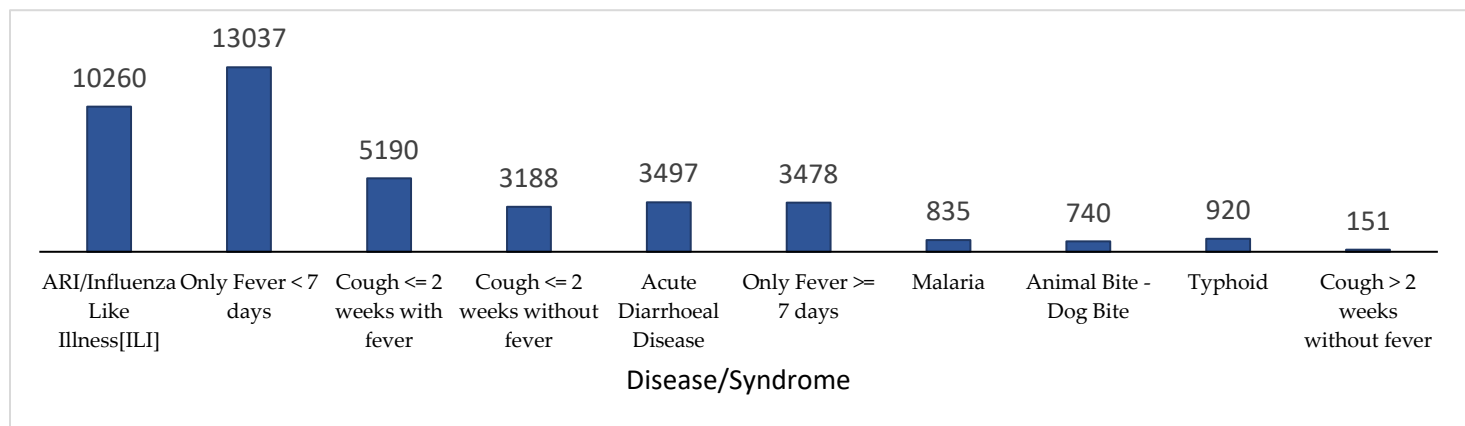
Bottom Three Districts

| District | Total RUs | % Reporting Status |
|--------------------------|-----------|--------------------|
| Eastern West Khasi Hills | 15 | 76.41 |
| East Garo Hills | 10 | 82.69 |
| West Garo Hills | 23 | 84.28 |

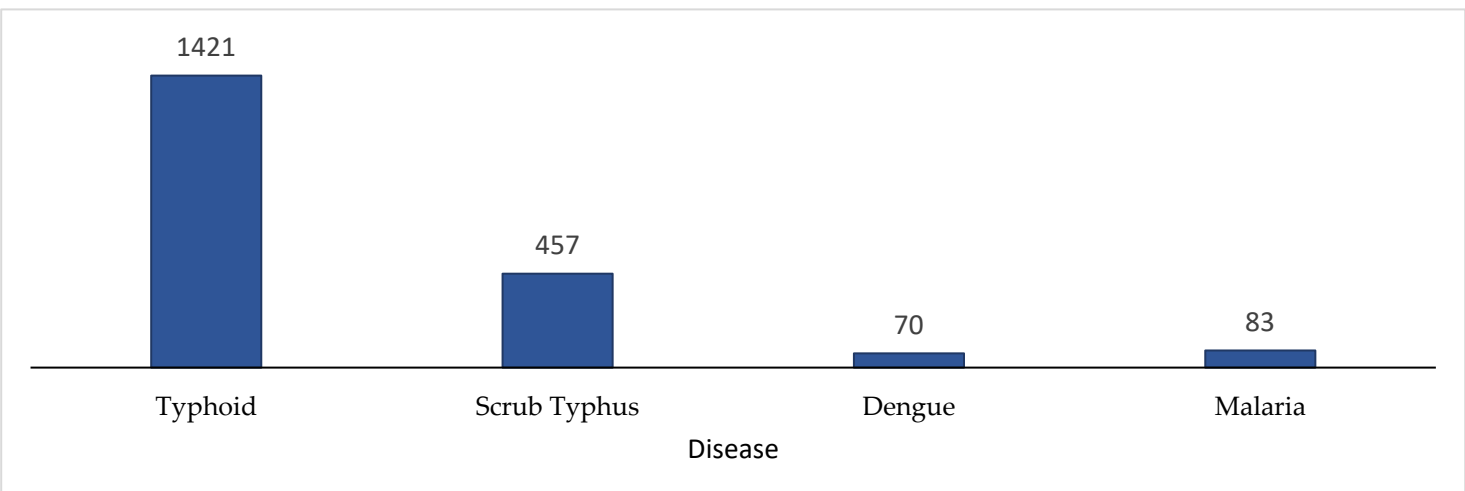
Syndromic Cases reported during July 2023



Presumptive Cases reported during July 2023



Laboratory Cases reported during July 2023



COVID-19 Summary in Meghalaya

Total Confirmed Cases

96965

Total Active Cases

02

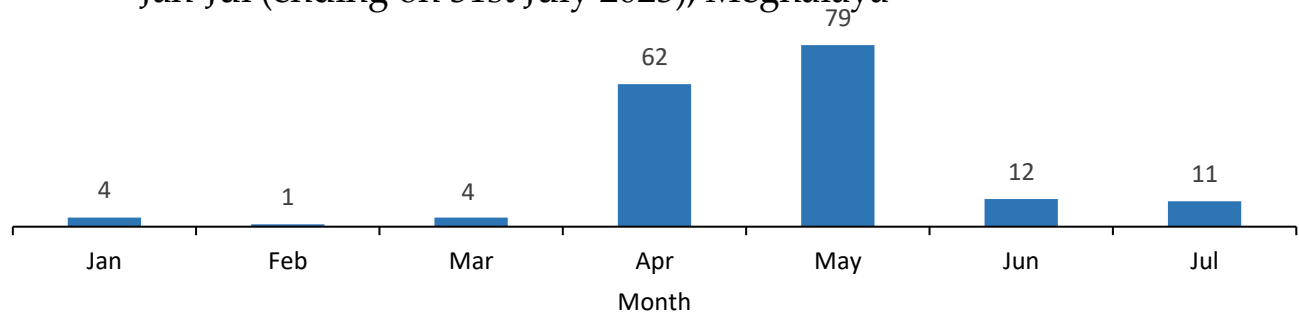
Total Recovered Cases

95335

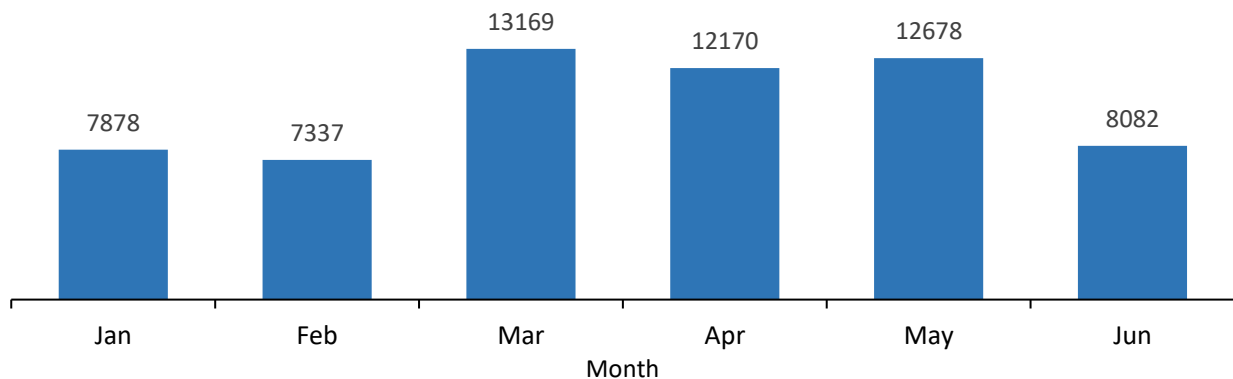
Total Deaths

1628

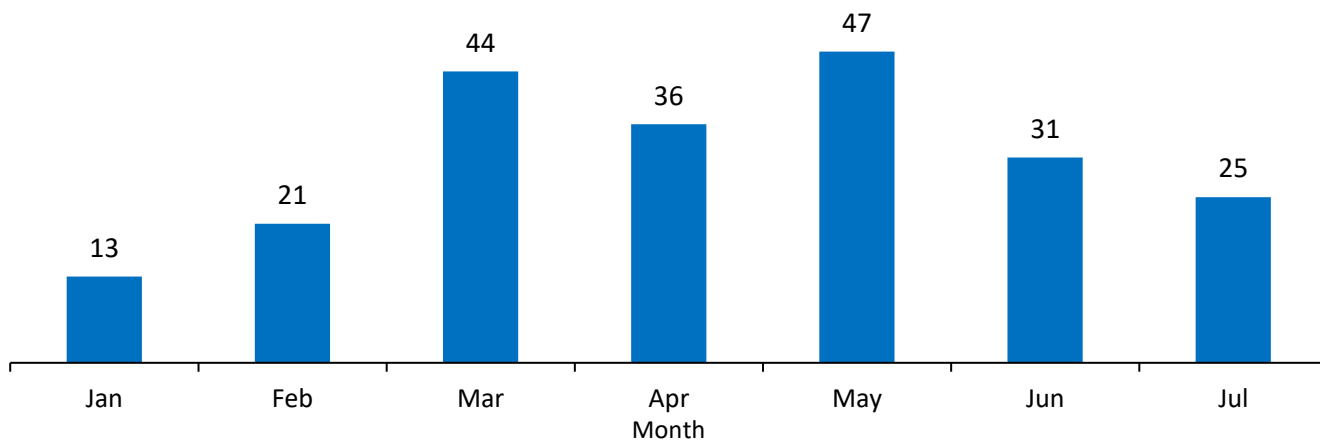
COVID-19: Month wise cases and deaths,
Jan-Jul (ending on 31st July 2023), Meghalaya



Month Wise ARI/ILI Cases, Jan-Jul 2023



Month Wise SARI Cases, Jan-Jul 2023



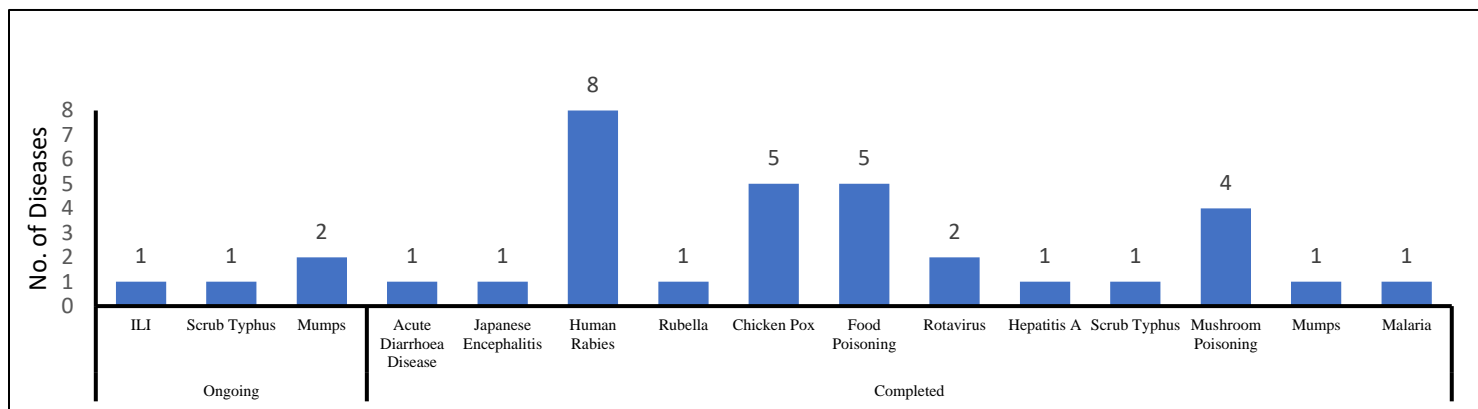
IDSP Outbreak Summary (01st Jan – 31st Jul 2023)

No of event alerts
37

Ongoing outbreaks
4

Total Outbreaks
35

Disease wise outbreaks reported and responded



Ongoing outbreaks

Influenza Like Illness

Public Health Event:

On the 22nd July 2023, in the morning, the District Surveillance Unit, East Khasi Hills, received information from the Medical Officer in charge of Mawphlang CHC about cases presenting with flu-like symptoms among students of JNV Mawphlang. The affected cases are from Block 1 Boys Hostel and include students of XII Science and XII Humanities. Upon receiving this information, an Early Warning Signal was generated in the IHIP portal and an Outbreak Investigation was immediately initiated.

Public Health Actions:

1. Health workers at the facility in the affected area have been oriented with the case definitions as part of enhance and active surveillance for the early detection of cases.
2. 15 cases are being treated in JNV Mawphlang by a Staff nurse stationed there, 1 case is admitted to Nazareth Hospital Shillong and another 1 is recovering at home.
3. 17 nasopharyngeal swab were collected and sent to NEIGRIHMS, which is the Sentinel sites for testing Influenza. Out of these, 8 tested positive for H3N2 influenza.
4. The investigating team also interacted with the Staff Nurse and the Principal of the school and advised them to strictly take precautions by adhering to COVID appropriate behavior to prevent further spread of infections.



Mumps

Public Health Event:

In the month of May, there was an outbreak of mumps in two districts (East Khasi Hills and South West Khasi Hills).

1. **East Khasi Hills** - On 30th May 2023 the District Immunization Officer and District Surveillance Officer received information from the Medical officer of Mawkynrew PHC about cases of Mumps in Umtong village. These cases were found by the Medical Officer during field visit to the village. An outbreak investigation was immediately initiated by the DSO and an event alert was generated in the IDSP-IHIP portal.
2. **South West Khasi Hills:** On 15th May 2023 the Medical Officer Civil Hospital Mawkyrwat contacted the District Surveillance Unit, informing of the increasing number of mumps suspected case. The DSU visited the facility and met the Medical Officer. It was suspected that the patients were from a common school, so the DSU visited the school for confirmation.

Public Health Actions:

1. Frontline health workers were sensitized on active and passive surveillance.
2. Active and passive case finding in health facilities and villages using the specifically designed epidemiological case sheet is ongoing

3. Collection of Throat Swab and Serum samples. The samples were sent to **ICMR-RMRC, NER, Dibrugarh, Assam** for laboratory confirmation and all samples tested Positive for Mumps by ELISA and PCR.
4. An advisory was sent through the Block Development Officer to the localities and schools advising infected children not to come to school and isolate the children until the swelling subsides



Scrub Typhus

Public Health Event:

On 03rd -July-2023, the ANM from Riangdim Subcentre informed that there were 10 suspected cases of Dengue from Riangdim and Bokchung Village under Shallang PHC, and they tested positive by Rapid Diagnostic Test. Upon receiving the information, the District Surveillance Unit, West Khasi Hills checked the previous records in IHIP-IDSP portal and initiated the outbreak investigation on 05th July 2023. The total population of the villages is 315, with 50 households

Public Health Actions:

1. Training of the Healthcare Workers involved in outbreak investigation on active case finding in the community.
2. 10 samples were sent to NEIGRIHMS, Shillong for testing by ELISA. Out of these, 5 came out positive for both dengue and Scrub Typhus.

3. Entomological study was conducted in the affected villages for vector control and to prevent the disease transmission.
4. An IEC campaign on prevention and control of Dengue and Scrub Typhus was imparted to the Schools and Villagers

