

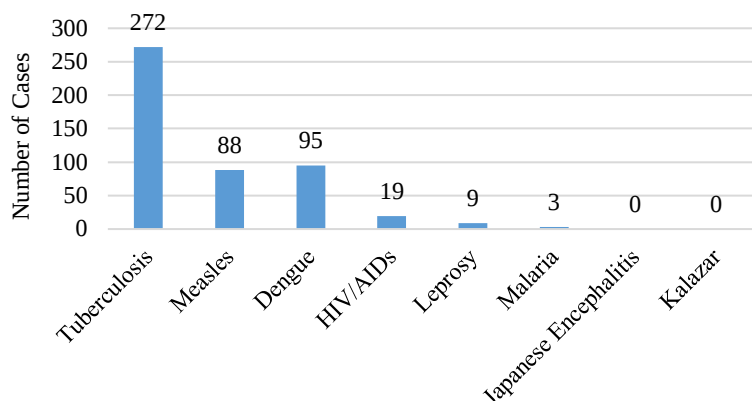


DISEASE SURVEILLANCE BULLETIN

Gandaki Province | Chaitra, Fiscal Year (FY) 2082/83

HIGHLIGHTS

Number of Cases of Prioritized Communicable Disease, Chaitra, FY 2082/83, Gandaki Province



- In the month of Chaitra, Tuberculosis (TB) remains the most frequently reported infectious disease in Gandaki Province with the highest case burden concentrated in Kaski & Nawalpur District.
- Increase in number of measles cases in Baglung suggesting outbreak in Dhorpatan Palika, Baglung.
- Three imported malarial cases were reported.
- Increasing trend of Dengue cases in comparison to the previous month
- No cases of Kala-azar and Japanese Encephalitis reported in this month

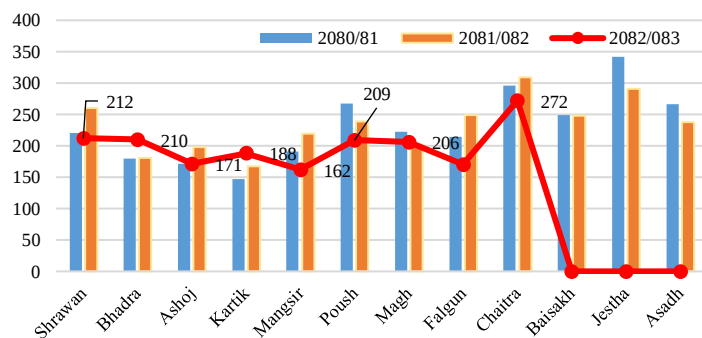
Note: This bulletin includes the data of morbidity and mortality status of prioritized communicable diseases since FY 2080/81 to Chaitra month of FY 2082/83 of Gandaki Province reported in the multiple existing disease surveillance systems i.e. SORMAS, EWARS, MDIS, eTB register, and HMIS reported from public health facilities.

MORBIDITY AND MORTALITY OF COMMUNICABLE DISEASES

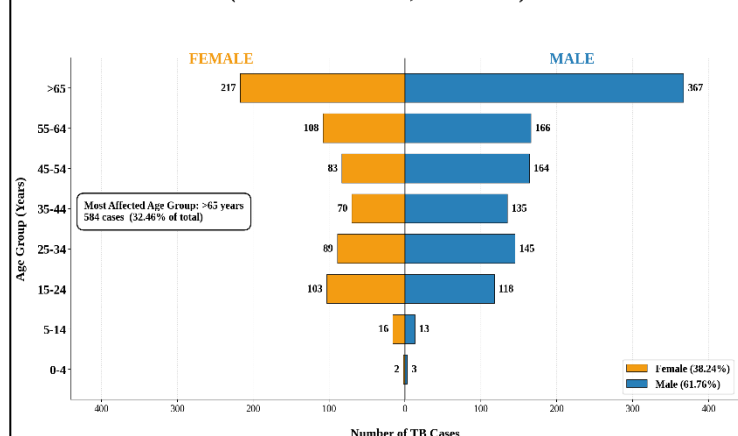
1. Tuberculosis (TB)

- In the month of Chaitra, FY 2082/83, a total of 272 cases were reported, comparatively increasing in reference to previous month.
- About 61% of total reported cases are from Kaski, Nawalpur and Tanahun in FY 2082/83 till Chaitra.
- Males bear a disproportionately higher burden with a Male to Female ratio of approximately 2:1
- Population aged above 65 years constitute the most affected age group, accounting for 32% of cases

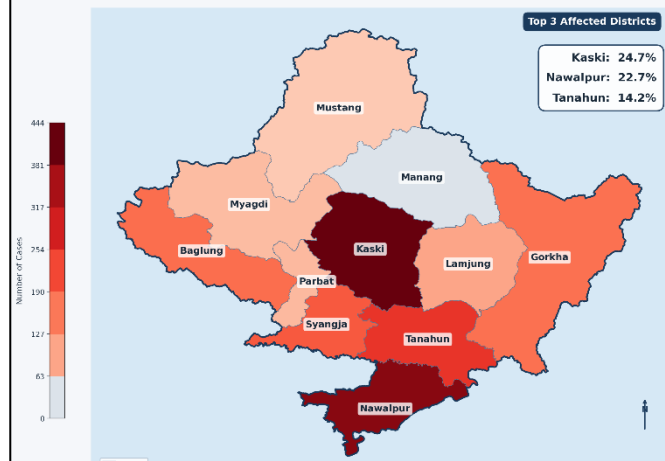
Number of Tuberculosis Cases, FY 2080/81- FY 2082/83*, Gandaki Province



Age and Gender-wise Distribution of TB Cases (Shrawan to Chaitra, FY 2082/83)



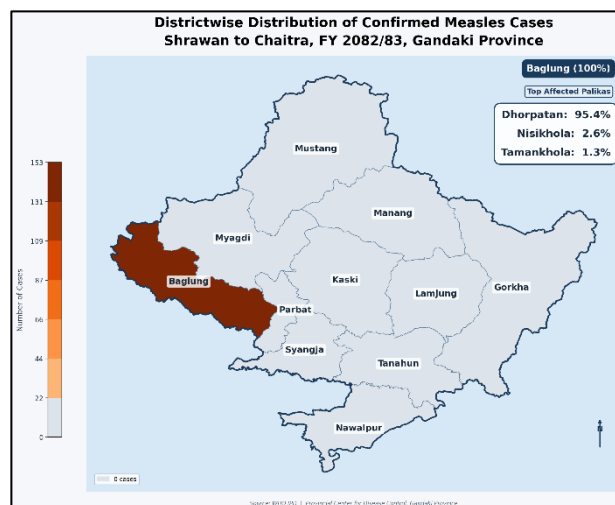
Districtwise Distribution of TB Cases Shrawan to Chaitra, FY 2082/83, Gandaki Province



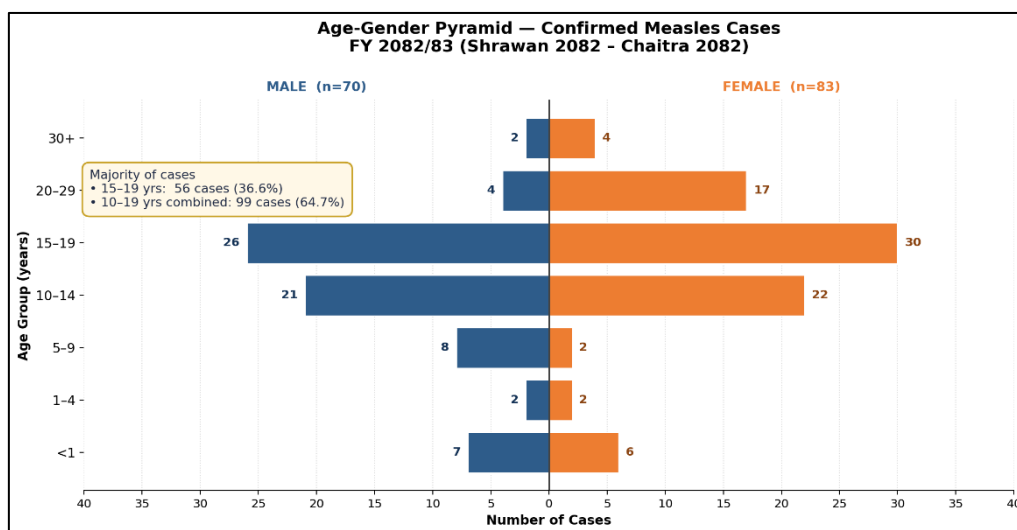
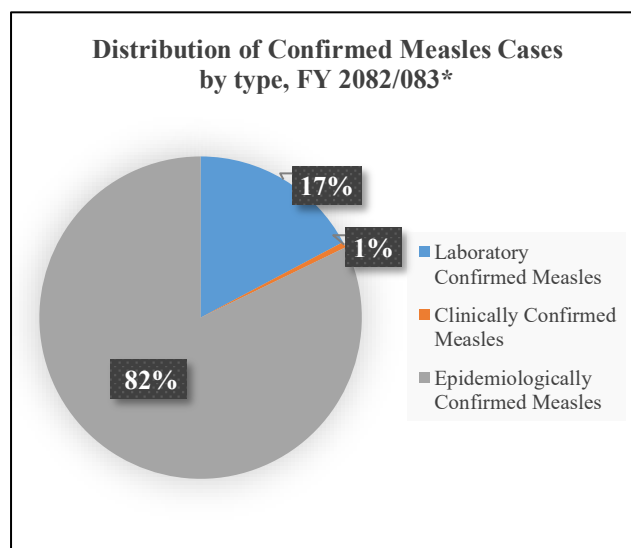
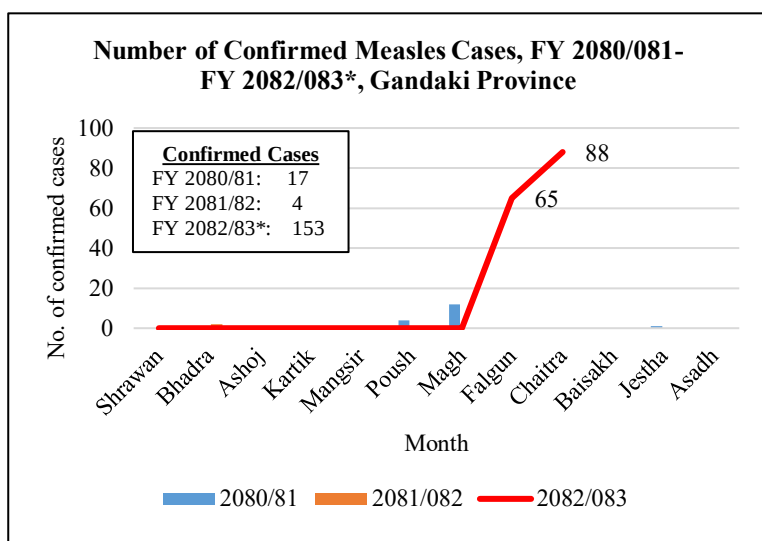


2. Measles

- ✓ Here, confirmed measles cases includes laboratory confirmed, epidemiology confirmed and clinically confirmed cases.
- ✓ In the FY 2082/83, there were no confirmed cases till Magh followed by increase of cases in Falgun & Chaitra.
- ✓ In the month of Chaitra, a total of 153 confirmed cases were reported, increasing in reference to previous month.
- ✓ In this year, all the cases were reported from Baglung district suggesting an outbreak in Dhorpatan palika with about 95.4% of total reported cases.
- ✓ Female bear a bit more burden with about 54% of total cases.
- ✓ Children aged 10-19 years constitute the most affected age group, accounting for 64.7% of total reported cases.
- ✓ No Measles related deaths reported in this fiscal year.



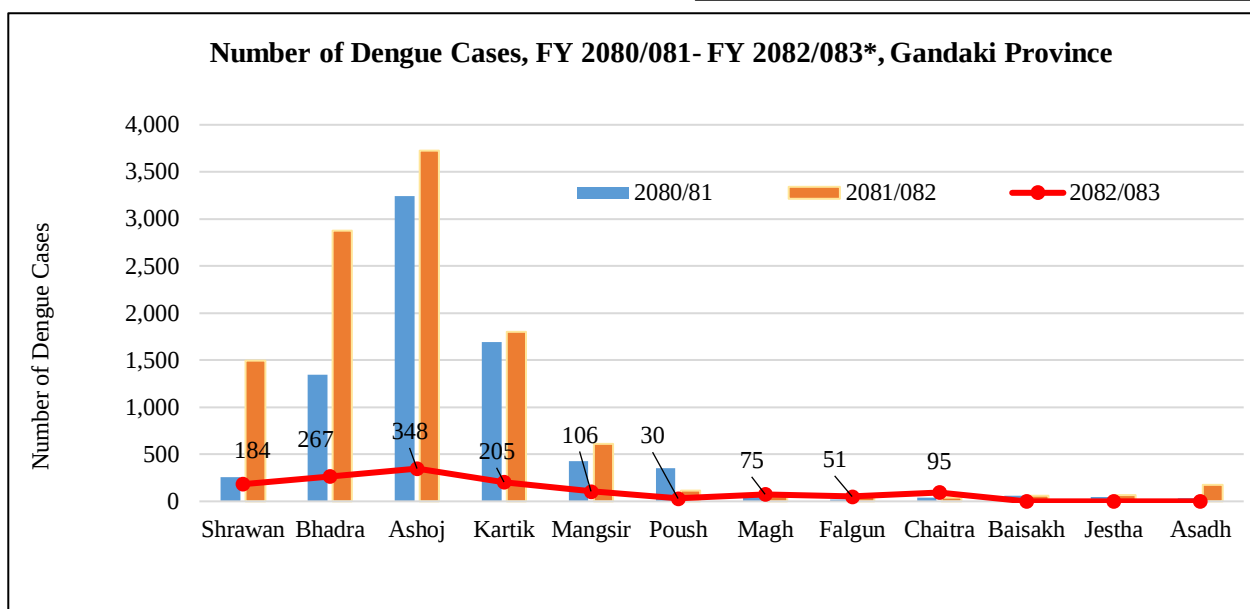
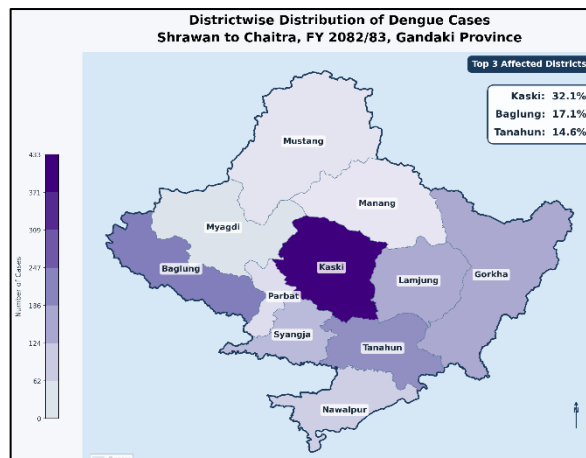
In response to this outbreak, multiple public health related activities are ongoing including active case investigation, outbreak response measles immunization campaign, Vitamin A supplementation in suspected cases, isolation and treatment of cases.





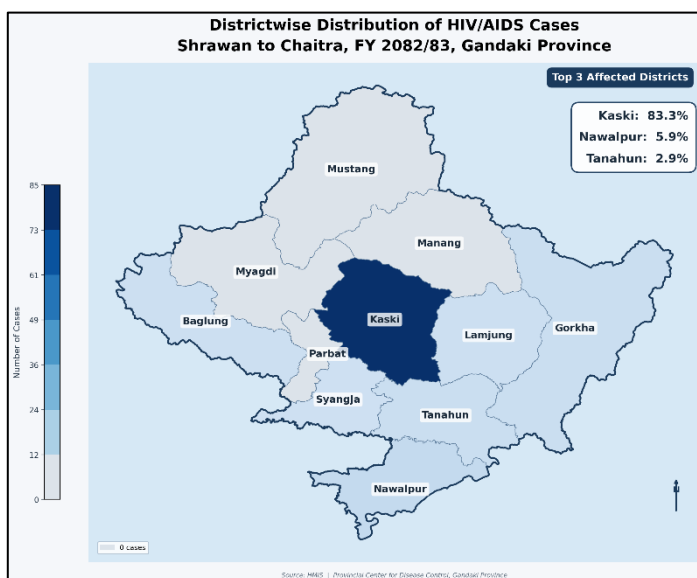
3. Dengue

- ✓ Relative to fiscal year 2081/082, dengue case numbers during the period from Shrawan to Chaitra of FY 2082/083 have remained substantially lower.
- ✓ In the month of Chaitra, FY 2082/83, a total of 95 dengue cases were reported, comparatively increasing in reference to previous month Falgun.
- ✓ About 63.8% of total reported cases are from Kaski, Nawalpur and Tanahun in FY 2082/83 till Chaitra.



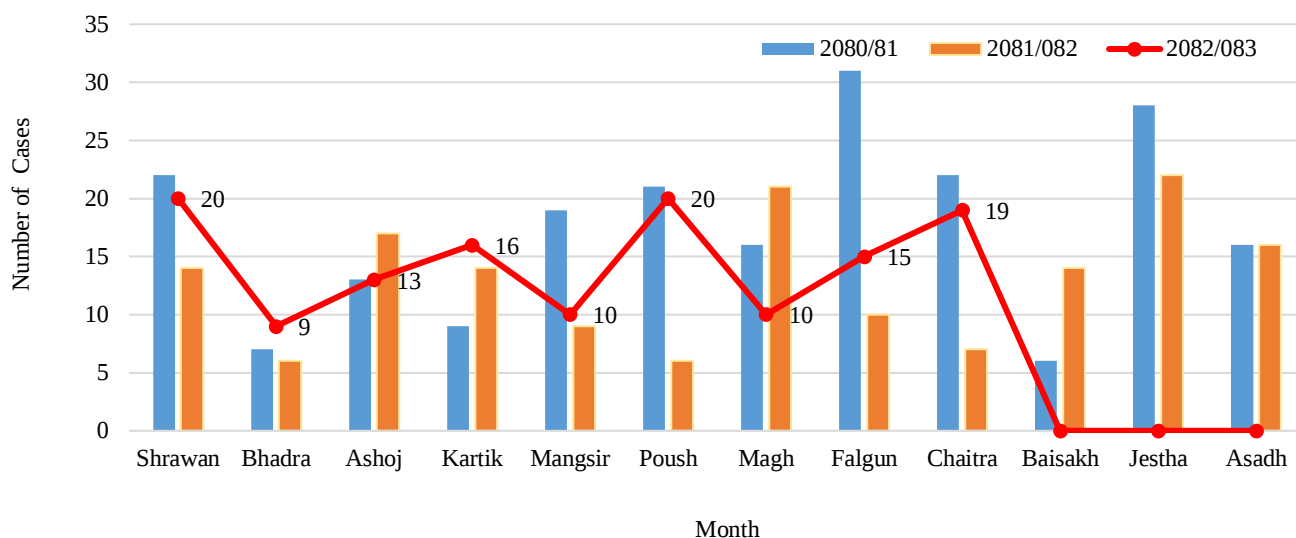
4. HIV/AIDS

- ✓ In the month of Chaitra, a total of 19 new cases of HIV were reported, increasing in reference to previous month.
- ✓ Majority of reported cases were belong to the age category of 15-49 years.
- ✓ Kaski district bears the significantly high burden of reported HIV cases with 83% of total cases in this fiscal year followed by Nawalpur (5.9%) and Tanahun (2.9%)





Number of HIV/AIDS Cases, FY 2080/81- FY 2082/83*, Gandaki Province

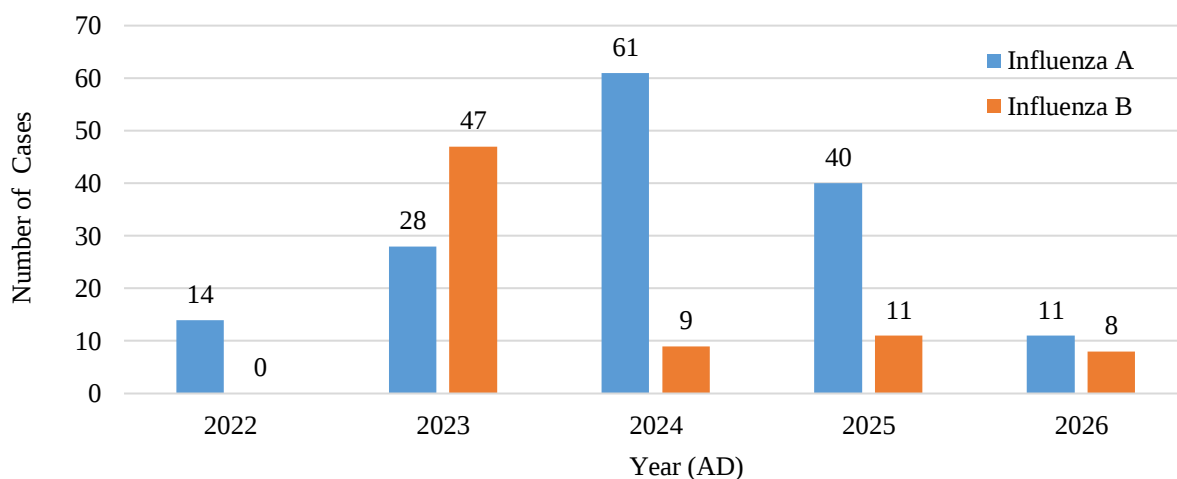


5. Influenza A & B

- ✓ In the year 2026 AD till April, a total of 11 Influenza A & 8 Influenza B cases were reported in Gandaki Province.
- ✓ There is variation in the cases distribution across the past five years with highest number of cases in the year 2024.
- ✓ Influenza A contribute for majority of cases except in year 2023 AD.

Note: This dataset presented here only includes the laboratory confirmed influenza cases diagnosed at laboratory of Provincial Center for Disease control, Pokhara, Nepal as the part of ongoing Influenza surveillance with sentinel site as Nepal Manipal Teaching Hospital.

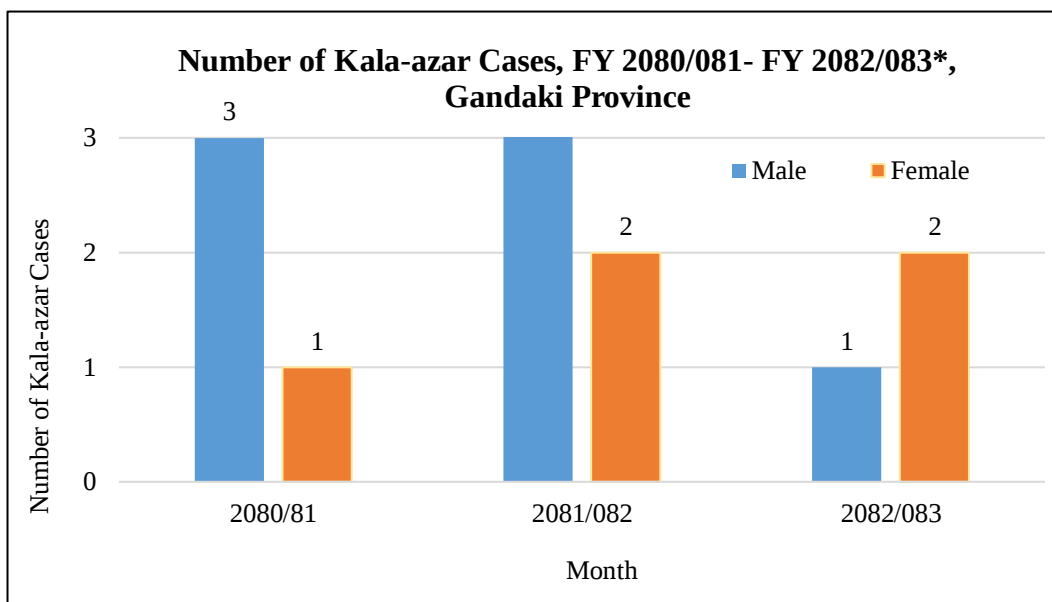
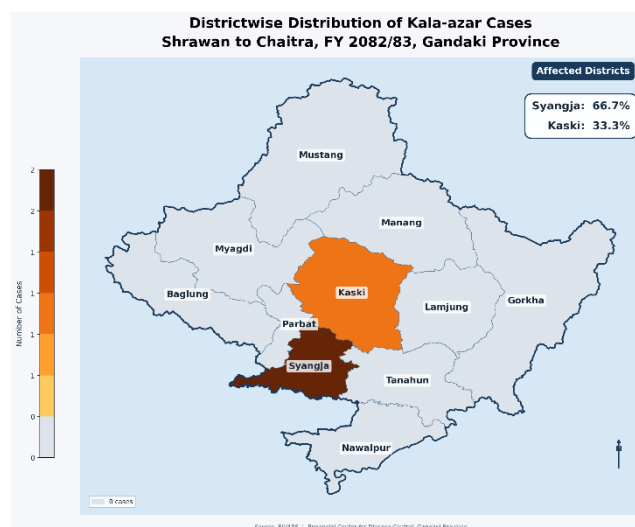
Number of Influenza A & B Cases, 2022- 2026 (Till April), Gandaki Province





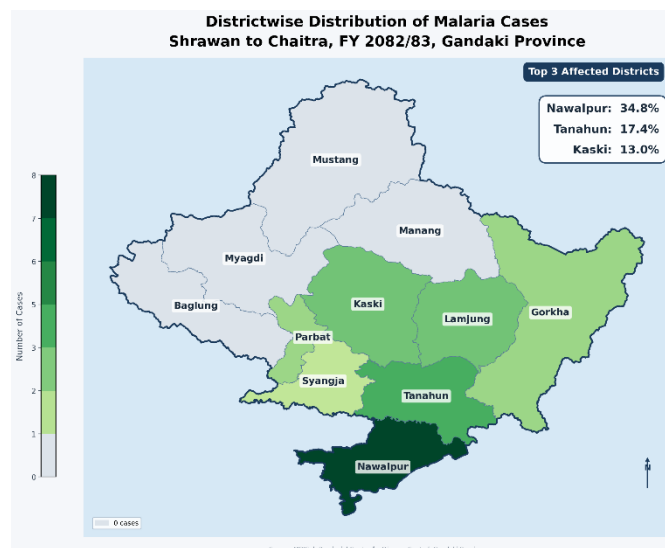
6. Kala-azar

- ✓ In the FY 2082/83 through the month of Chaitra, in total 3 Kala-azar cases were reported in Gandaki province.
- ✓ No cases of Kala-azar were reported in the month of Chaitra.
- ✓ In this fiscal year, the case of Kala-azar were reported from Syangja and Kaski district.
- ✓ In this fiscal year, one kala-azar related death was reported.



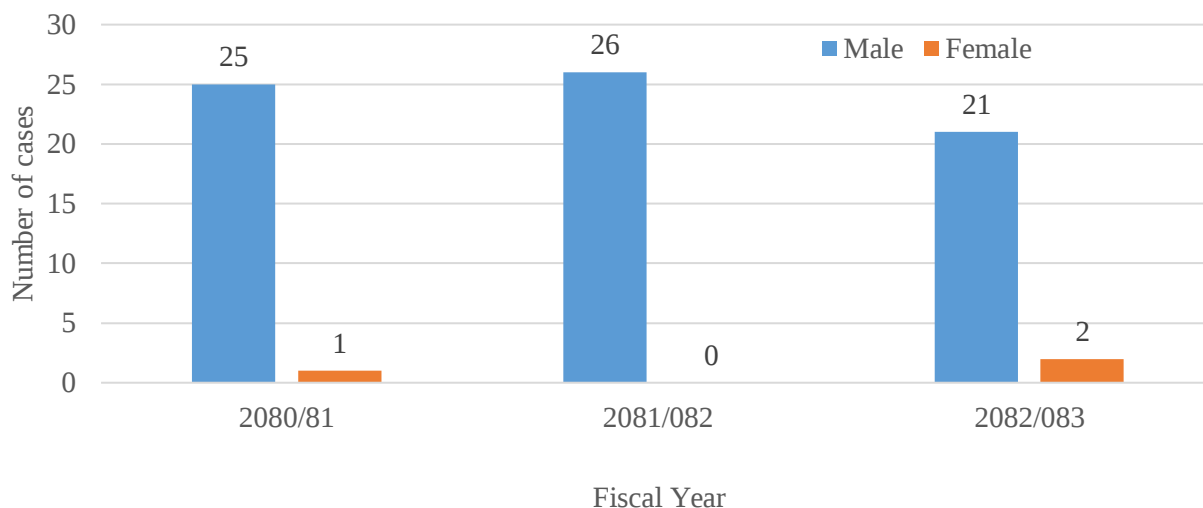
7. Malaria

- ✓ A total of 23 Malaria cases were reported in FY 2082/83 through Chaitra.
- ✓ In the month of Chaitra, three malarial cases were reported.
- ✓ Since past these six fiscal years, all of the malarial cases are imported.
- ✓ Here, Nawalpur (7 cases) bearing the high number of cases contributing to almost 35% of total cases followed by Tanahun and Kaski.
- ✓ In total, 1 malaria related death was reported in FY 2080/81 and there are no such deaths afterwards.



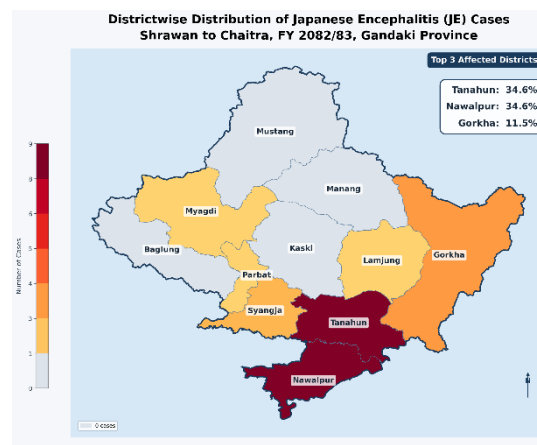


Number of Malaria Cases, FY 2080/81- FY 2082/83*, Gandaki Province

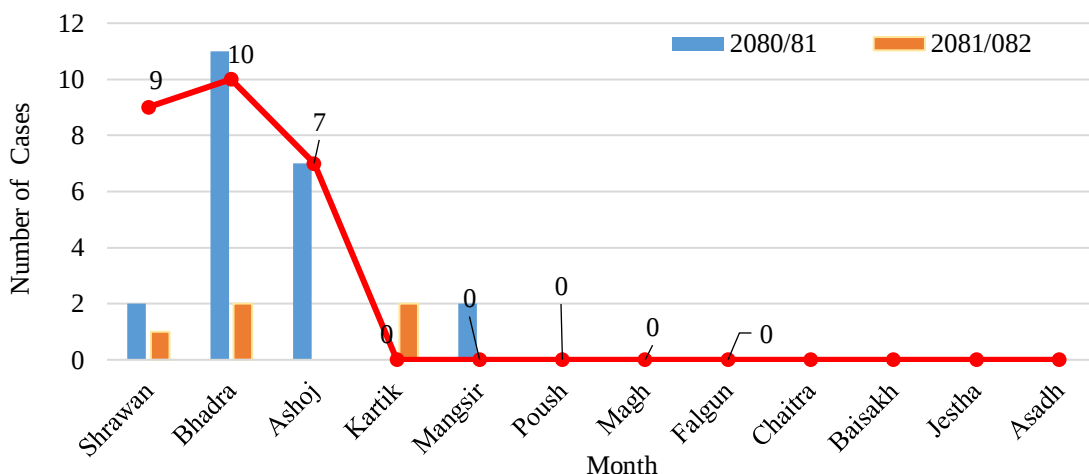


8. Japanese Encephalitis (JE)

- ✓ In the FY 2082/83 till Chaitra month, in total 26 JE cases were reported while no JE cases reported after Kartik till Chaitra of this FY 2082/83.
- ✓ Here, population greater than 65 years constituted the most vulnerable age group with gender wise distribution of 42.3% male and 57.7% female.
- ✓ Majority of cases were from Nawalpur and Tanahun district. In response to this, a Japanese Encephalitis (JE) vaccination campaign was conducted aiming to reduce the risk of transmission and prevent future outbreaks in Nawalpur district.

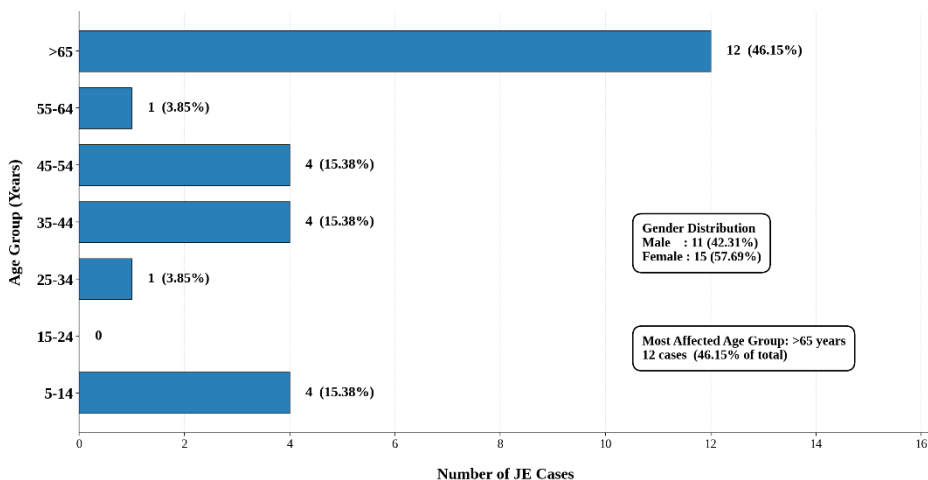


Number of JE Cases, FY 2080/81- FY 2082/83*, Gandaki Province



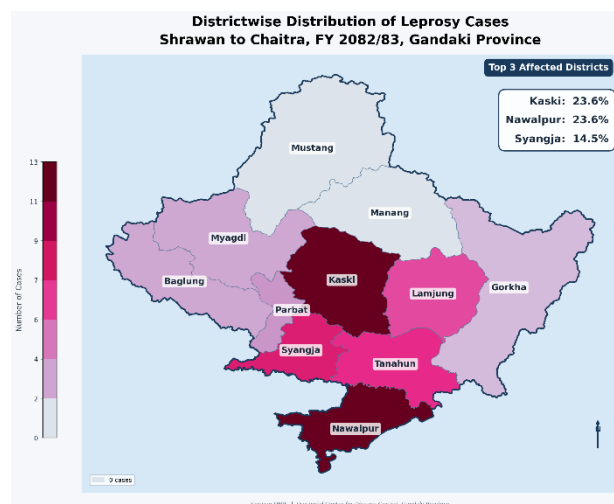


Age-wise Distribution of JE Cases — Gandaki Province
(FY 2082/83, Shrawan to Magh)

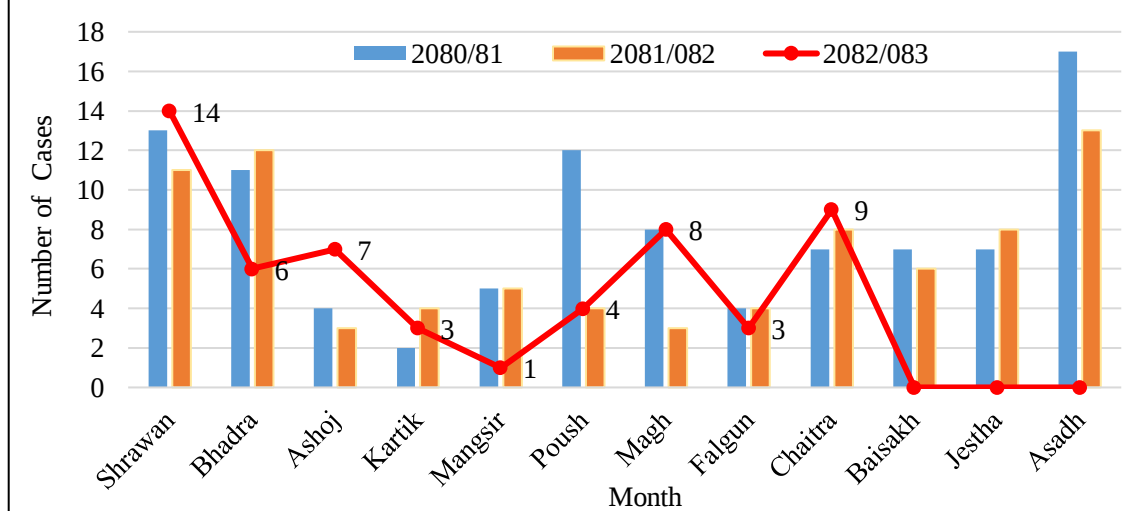


9. Leprosy

- ✓ In the FY 2082/83, till the month of Chaitra, a total of 55 leprosy cases were reported in Gandaki Province.
- ✓ In the month of Chaitra, a total of 9 new cases of leprosy were reported which is increasing in comparison to the previous month.
- ✓ About 46% of cases are reported from two districts Kaski and Nawalpur.



Number of Leprosy Cases, FY 2080/81- FY 2082/83*, Gandaki Province





Ongoing Surveillance Activities in Gandaki Province

A. Water Quality Surveillance

In this fiscal year 2082/083, in total 655 water sample was drawn from 8 districts of Gandaki province. Out of these 655 water samples drawn, a significant proportion tested positive for E. coli, indicating ongoing challenges with water safety in several districts. In response to it, multiple public health related activities including awareness regarding methods of water purification and assurance of continuation of regular chlorination of drinking water are ongoing.

District	No. of Water Samples Taken	% of E.coli present	Action Taken
Gorkha	38	68.42%	✓ Awareness regarding methods of water purification ✓ Assurance of continuation of regular chlorination of drinking water
Manang	15	60.00%	
Mustang	4	75.00%	
Myagdi	328	9.45%	
Kaski	27	22.22%	
Lamjung	69	92.75%	
Syangja	25	64.00%	
Baglung	149	6.04%	
Parbat	Repair of Wagtech Machine in Progress		

Source: Provincial Public Health Office of respective districts

Acknowledgements

The Provincial Center for Disease Control highly acknowledges the contribution of entire team of Provincial Center for Disease Control, Ministry of Health including all provincial centers, provincial public health offices, provincial hospitals, all public health facilities, WHO including other EDPs and all health workers directly/indirectly involved in recording and reporting in entire disease surveillance systems of Gandaki Province.

Data Sources

All the details related to disease are extracted from following information management systems

S.N.	Disease	Data Sources
1	Tuberculosis	eTB Register
2	Measles and Japanese Encephalitis (JE)	WHO Immunization Preventable Diseases (IPD) unit
3	Dengue, HIV and Leprosy	HMIS
4	Influenza A&B	SORMAS
5	Malaria	MDIS & HMIS
6	Kala-azar	EWARS
7	Water Quality Surveillance	Provincial Public Health Office of respective districts

* In FY 2082/083, the data of specific diseases reported from Shrawan to Chaitra is included

For feedback & Suggestions

Kindly request to share your feedback and suggestions at

Email Address: pdcgandaki@gmail.com