

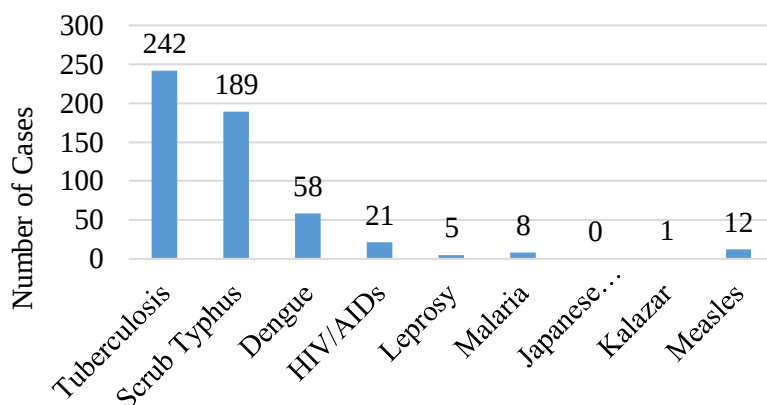


DISEASE SURVEILLANCE BULLETIN

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

HIGHLIGHTS

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



- In the month of Baisakh, 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 imported malaria cases with highest number of cases from Nawalpur.
- Sharp decline in measles cases with 12 reported measles cases in Baisakh
- 1 cases of kala-azar was reported in this month.
- No cases of Japanese Encephalitis reported in this month.

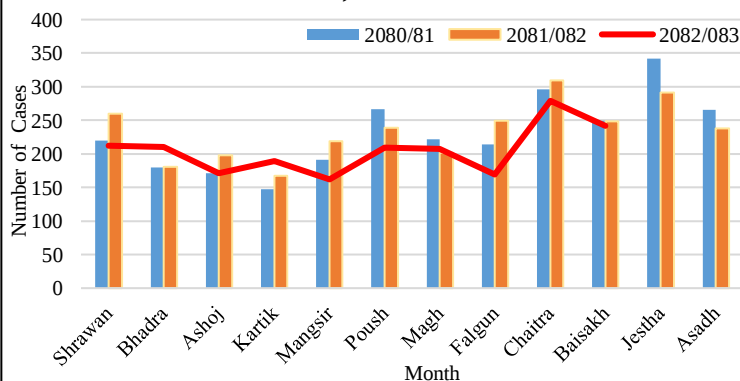
Note: This bulletin includes the data of morbidity and mortality status of prioritized communicable diseases since FY 2080/81 to Baisakh month of FY 2082/83 of Gandaki Province reported in the multiple existing disease surveillance systems i.e. SORMAS, EWARS, MDIS, eTB register, and HMIS reported from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

MORBIDITY AND MORTALITY OF COMMUNICABLE DISEASES

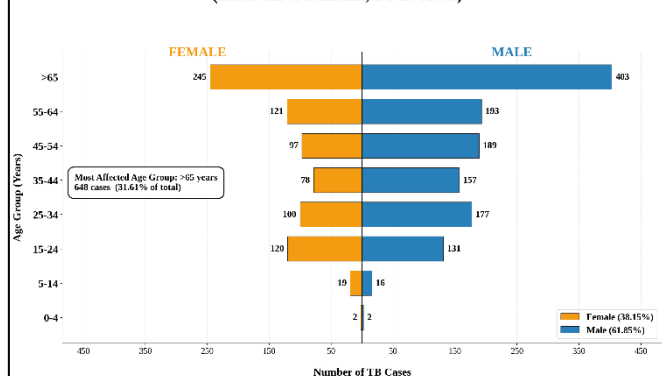
1. Tuberculosis (TB)

- In the month of Baisakh, FY 2082/83, a total of 242 cases were reported, comparatively low in reference to previous month.
- About 62.1% of total reported cases are from Kaski, Nawalpur and Tanahun in FY 2082/83 till Baisakh.
- 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 31.61% of cases.
- A total 145 TB related deaths were reported in FY 2081/082

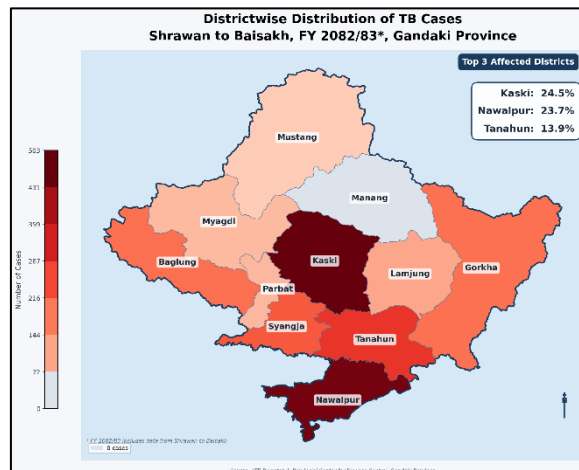
Number of Tuberculosis Cases, FY 2080/81- FY 2082/83*, Gandaki Province



Age and Gender-wise Distribution of TB Cases — Gandaki Province (Shrawan to Baisakh, FY 2082/83)



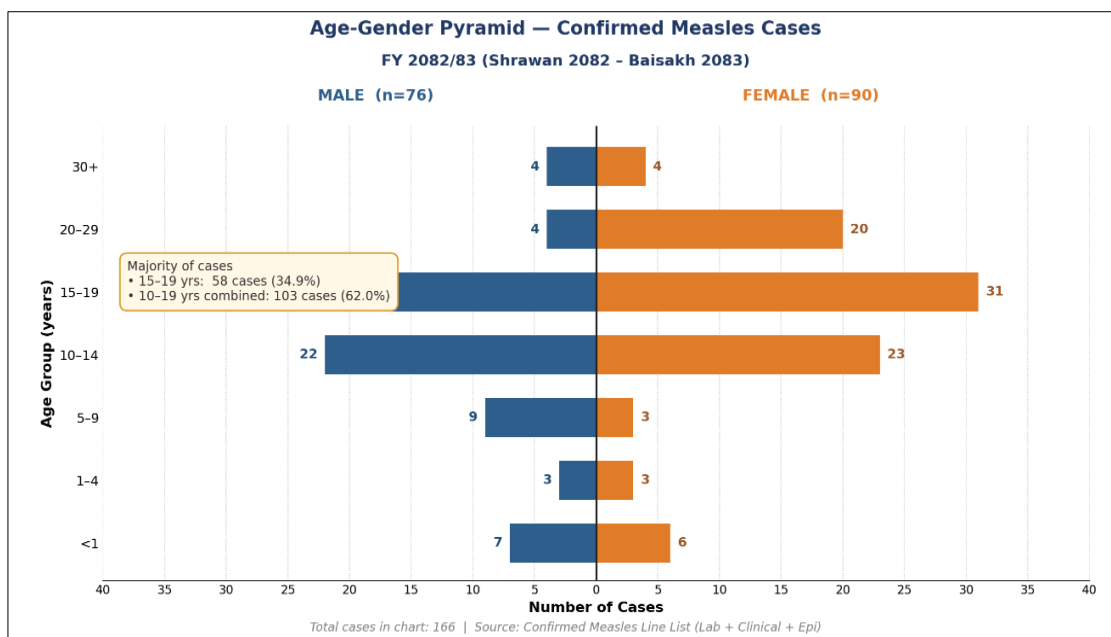
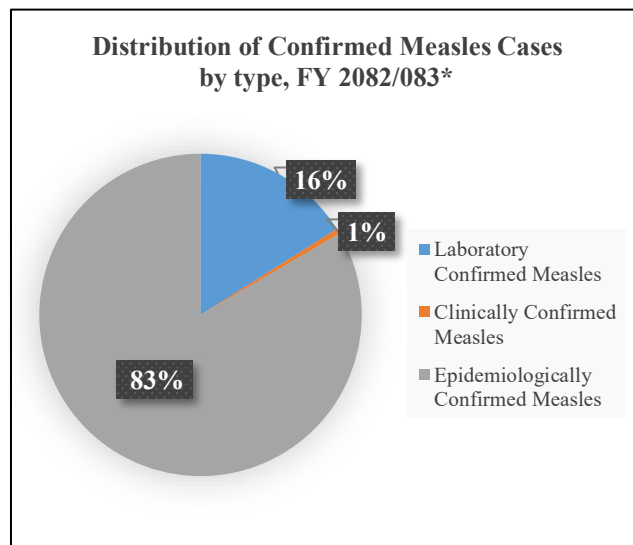
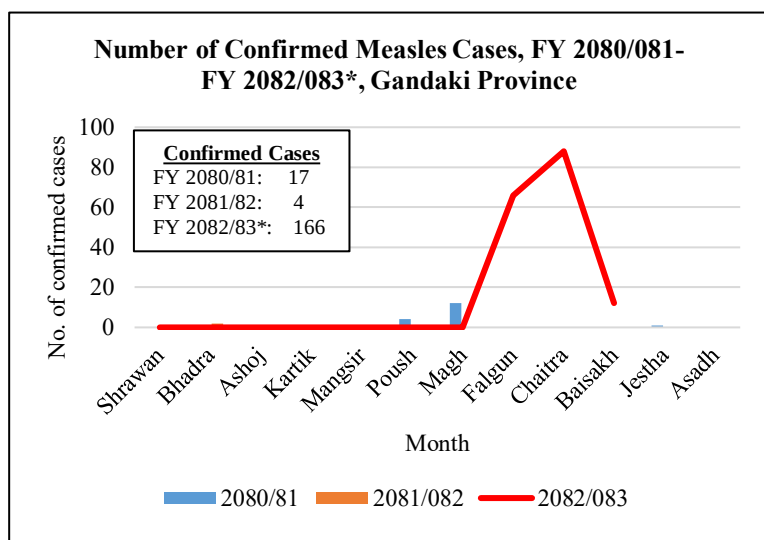
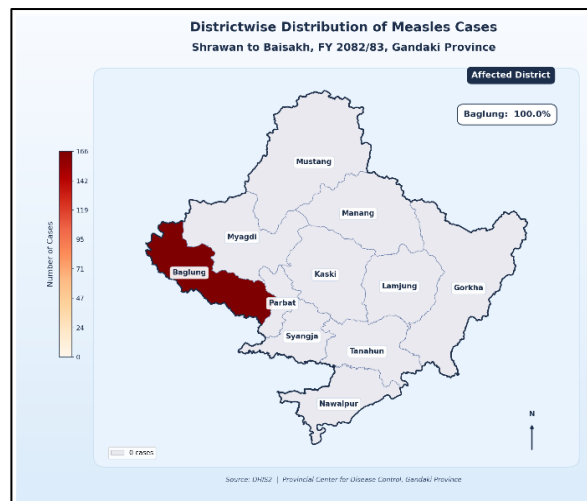
Districtwise Distribution of TB Cases Shrawan to Baisakh, FY 2082/83*, Gandaki Province





2. Measles

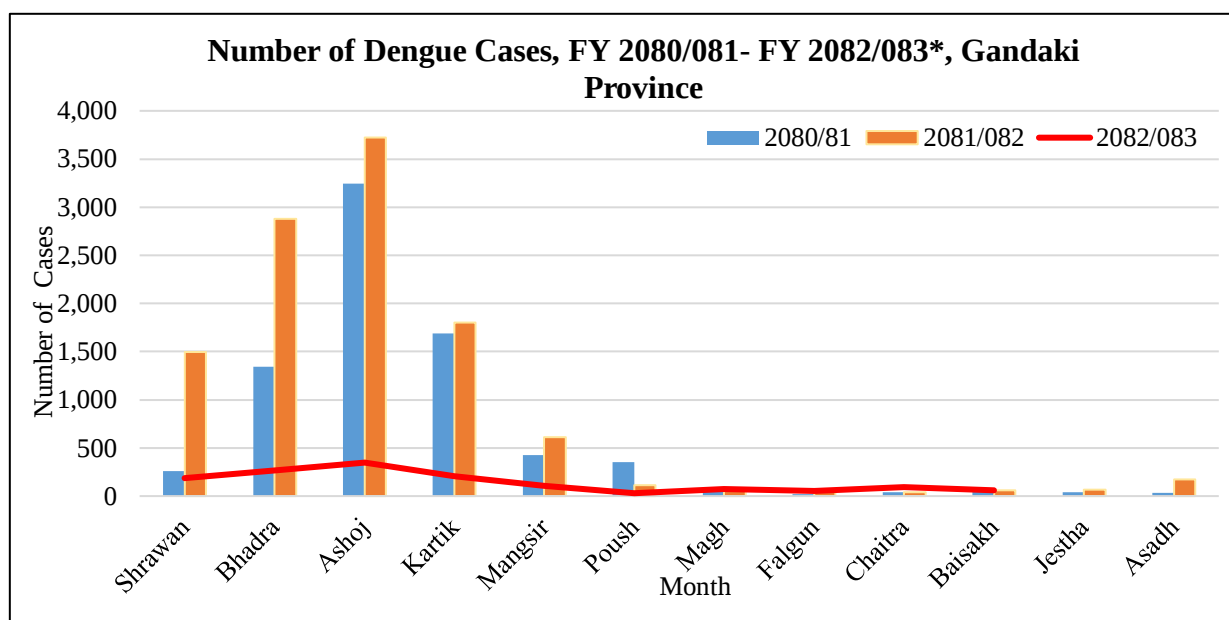
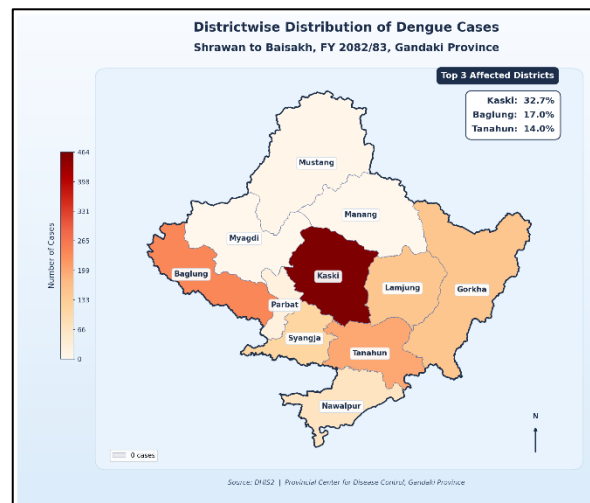
- ✓ Here, confirmed measles cases includes laboratory confirmed, epidemiology linked and clinically confirmed cases.
- ✓ In the month of Baisakh, 12 epidemiology linked measles cases were reported.
- ✓ The sharp decline from outbreak-level transmission (88 confirmed cases in previous month) to 12 cases indicate effective containment, likely attributable to timely case detection, isolation, contact tracing, and other public health measures.
- ✓ In this fiscal year till Baisakh, female bear a bit more burden with about 54.21% of total cases. Children aged 10-19 years constitute the most affected age group, accounting for 62% of total reported cases.
- ✓ No Measles related deaths reported in this fiscal year till Baisakh.





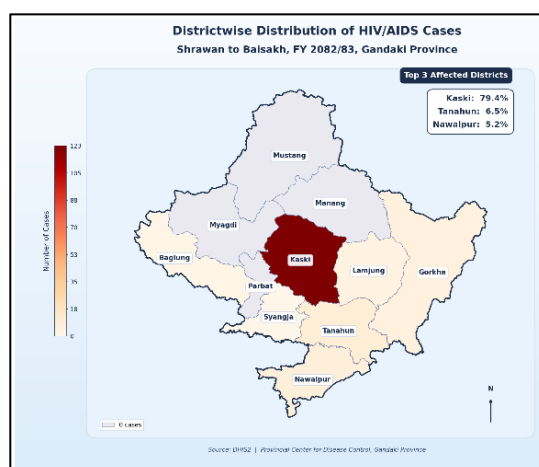
3. Dengue

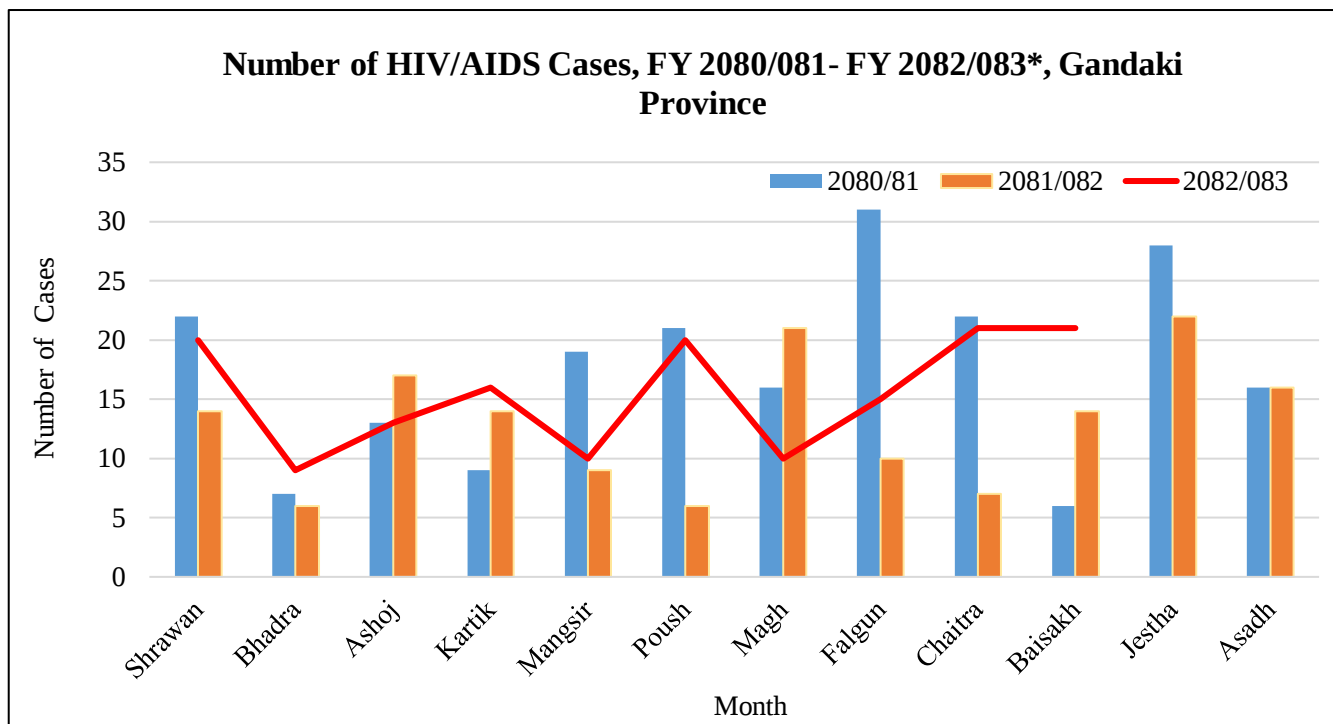
- ✓ Relative to fiscal year 2081/082, dengue case numbers during the period from Shrawan to Baisakh of FY 2082/083 have remained substantially lower.
- ✓ In the month of Baisakh, FY 2082/83, a total of 58 dengue cases were reported, comparatively low in reference to previous month.
- ✓ About 63.7% of total reported cases are from Kaski, Nawalpur and Tanahun in FY 2082/83 till Baisakh.



4. HIV/AIDS

- ✓ In the month of Baisakh, a total of 21 new cases of HIV were reported, similar in reference to previous month.
- ✓ Majority of reported cases were belong to the age category of 15-49 years.
- ✓ Majority of HIV cases about 79.4% of total cases were reported from Kaski district followed by Tanahun and Nawalpur.

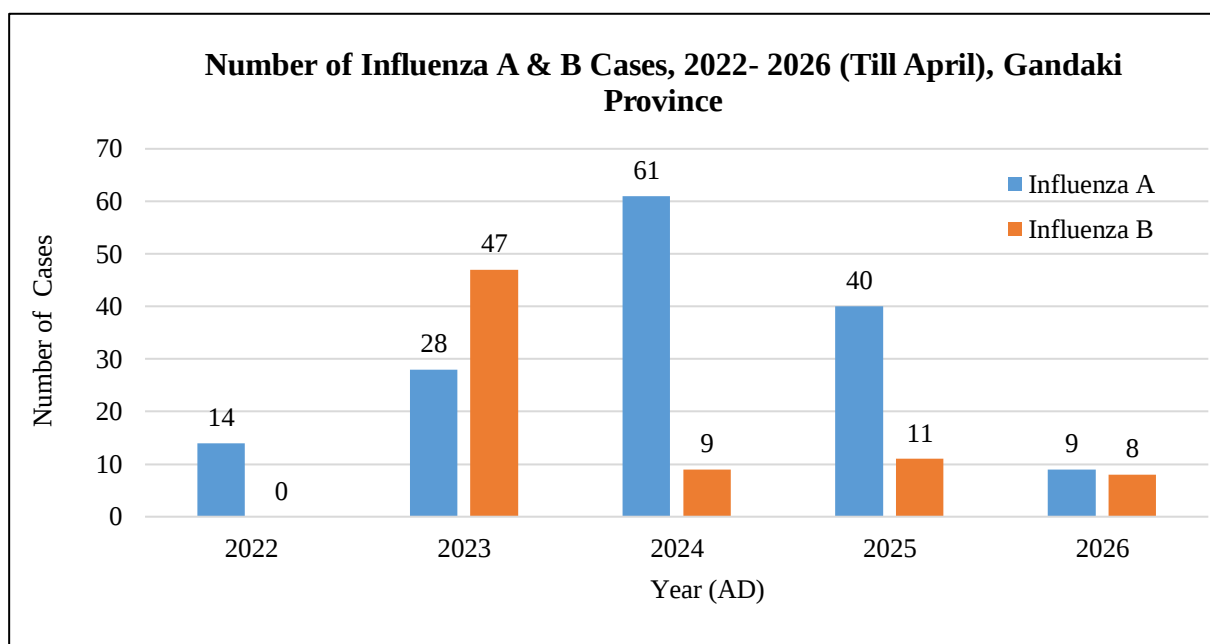




5. Influenza A & B

- ✓ 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.

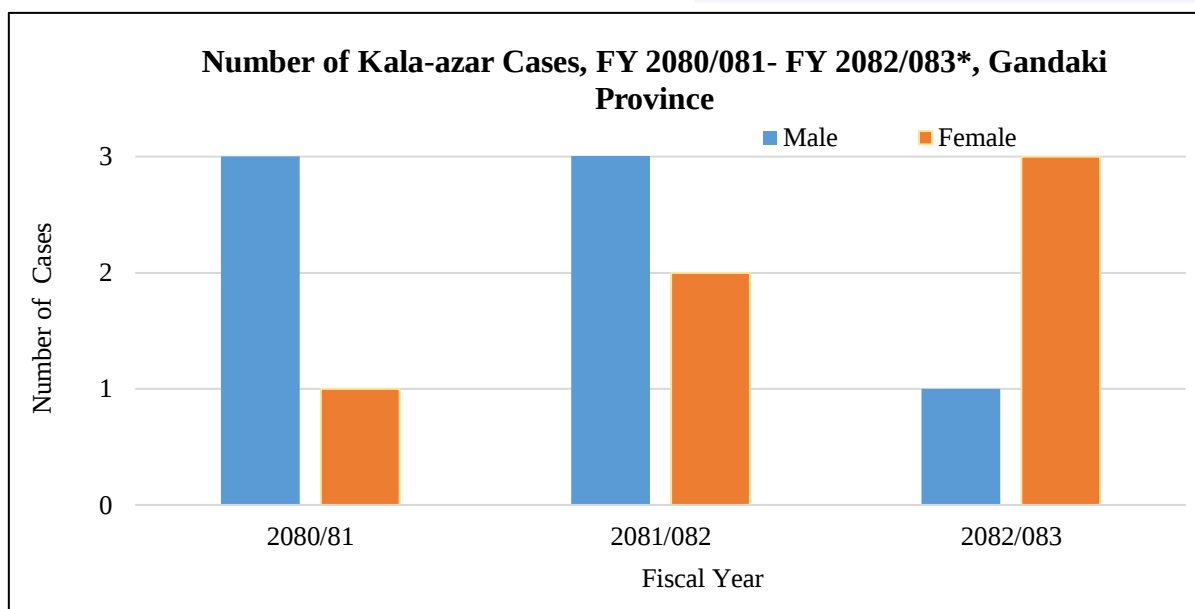
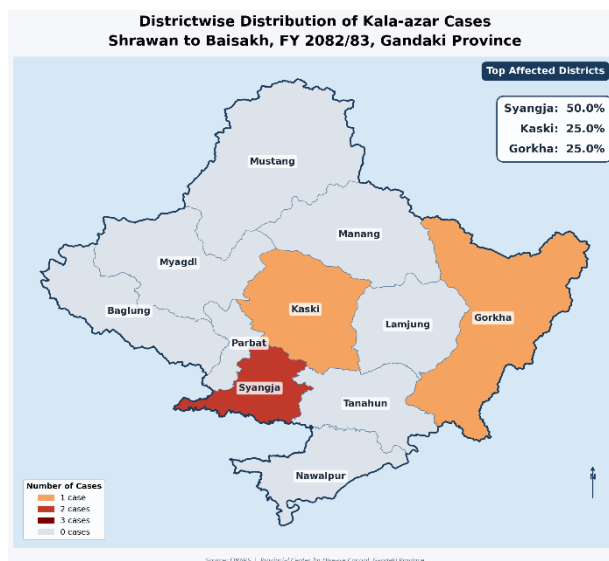
Note: This dataset presented here only includes the laboratory confirmed influenza cases diagnosed at laboratory of Provincial Center for Disease control, Pokhara, Nepal as the part of ongoing Influenza surveillance with sentinel site as Nepal Manipal Teaching Hospital.





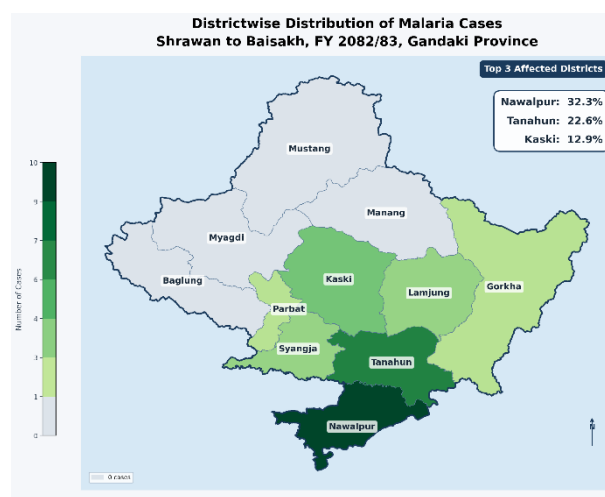
6. Kala-azar

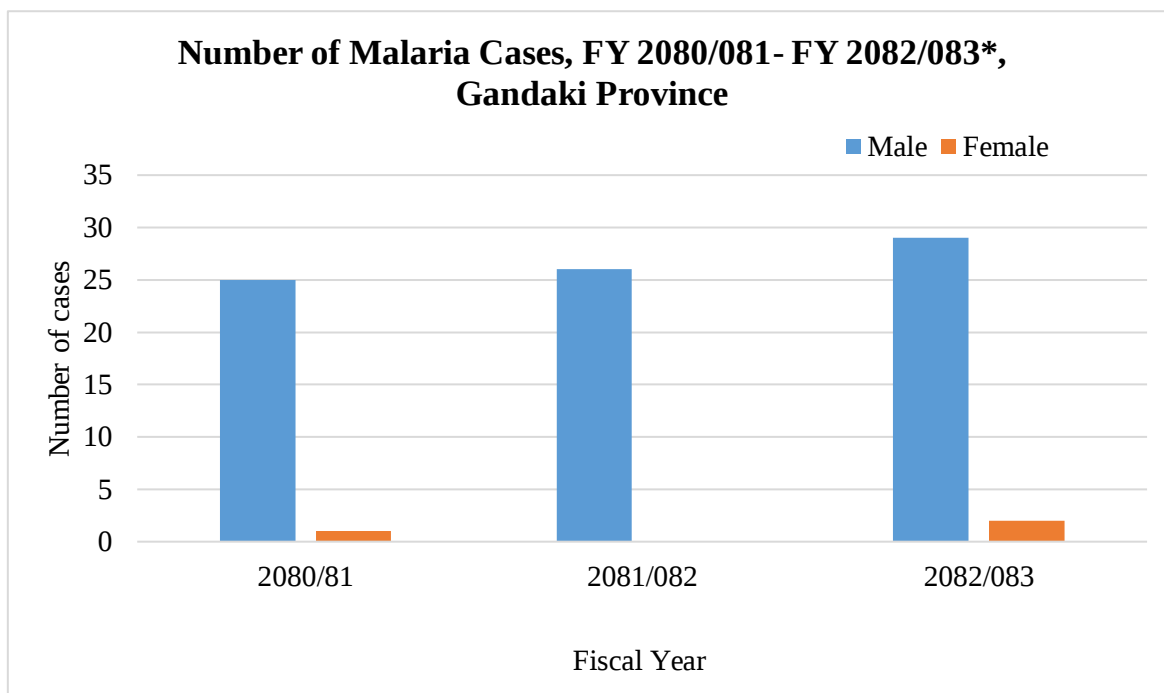
- ✓ In the FY 2082/83 till Baisakh, in total 4 Kala-azar cases were reported in Gandaki province. Here, one case of Kala-azar was reported in the month of Baisakh.
- ✓ In this fiscal year till Baisakh, the case of Kala-azar were reported from Syangja (Kaligandaki Rural Municipality), Kaski (Pokhara Metropolitan City) and Gorkha (Gorkha Municipality) district.
- ✓ Cases were notified in the age range of 19-82 years and female to male ratio of 3:1.
- ✓ In this fiscal year, one kala-azar related death was reported.



7. Malaria

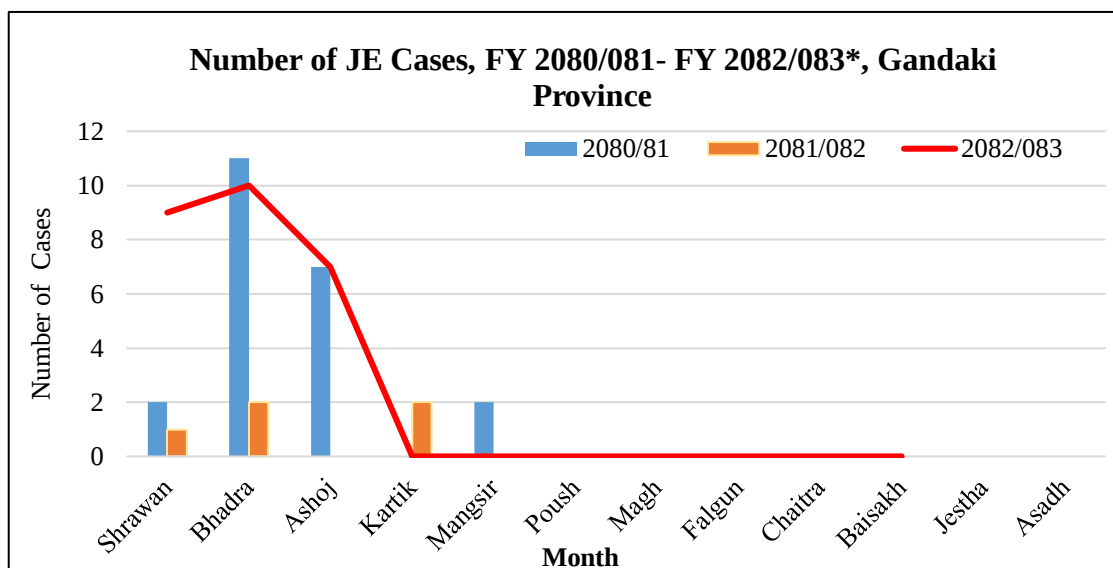
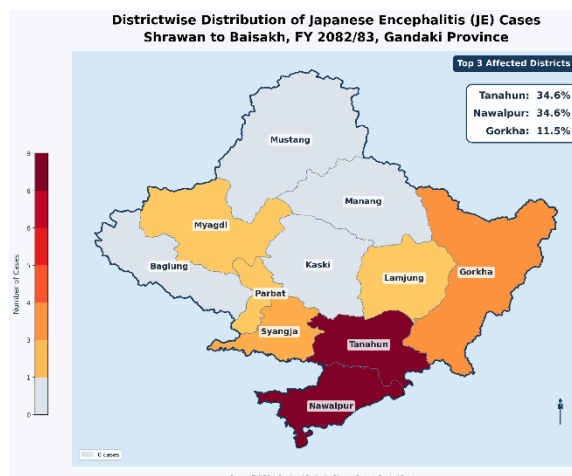
- ✓ A total of 31 imported Malaria cases were reported in FY 2082/83 till Baisakh.
- ✓ Here, a total of eight imported cases of malaria were reported in the month of Baisakh, increased in comparison to previous month.
- ✓ Since past these six fiscal years, all of the malarial cases are imported.
- ✓ Here, Nawalpur (10 cases) bearing the high number of cases contributing to almost 32% 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.

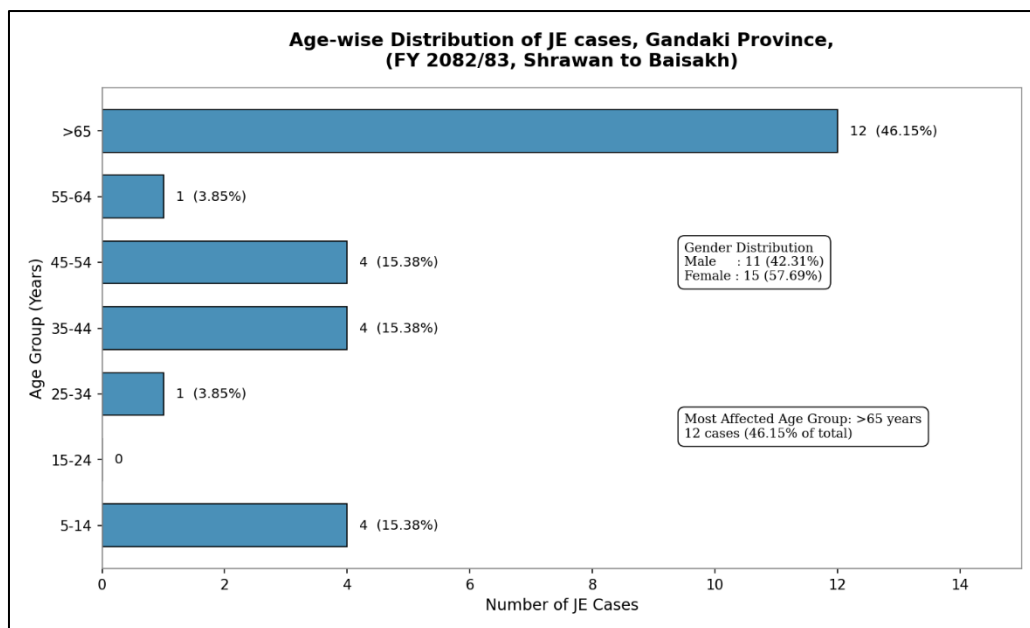




8. Japanese Encephalitis (JE)

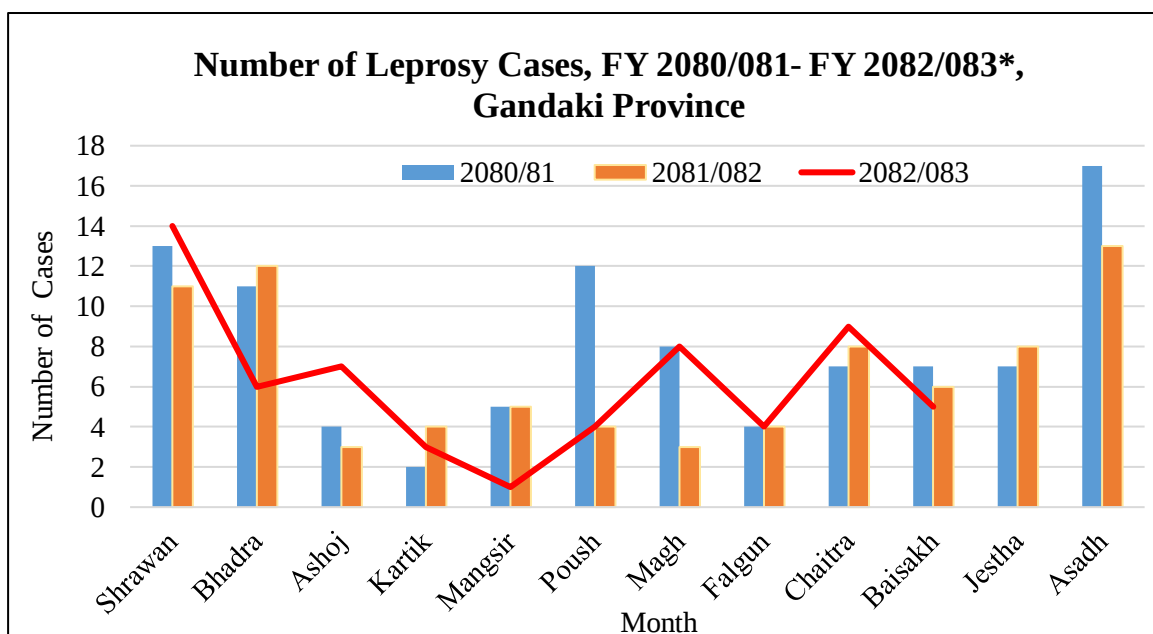
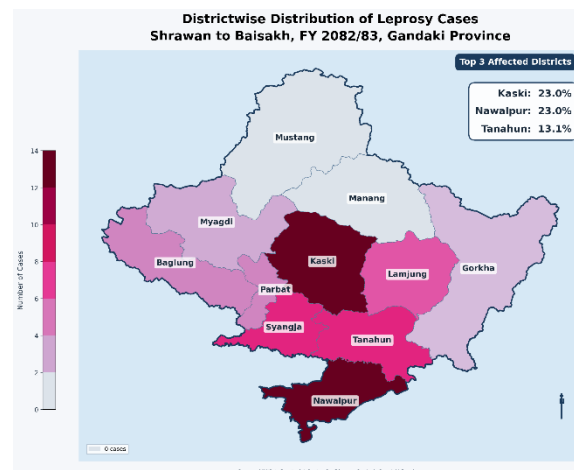
- ✓ In the FY 2082/83 till Baisakh month, in total 26 JE cases were reported while no JE cases reported after Kartik till Baisakh of this FY 2082/83.
- ✓ Here, population greater than 65 years constituted the most vulnerable age group with gender wise distribution of 42.3% male and 57.7% female.
- ✓ 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.





9. Leprosy

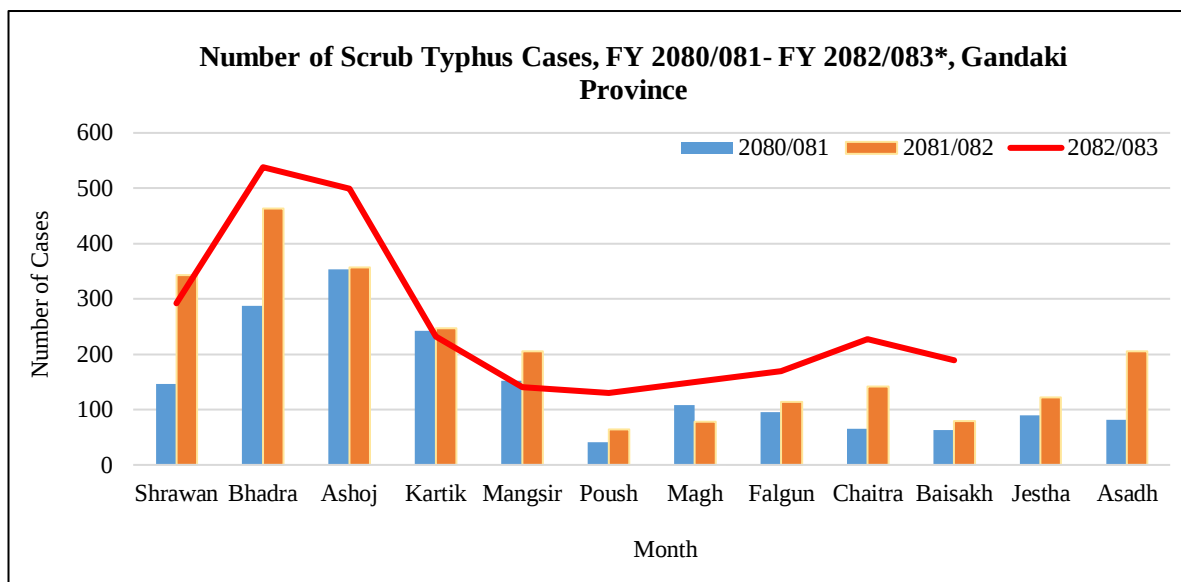
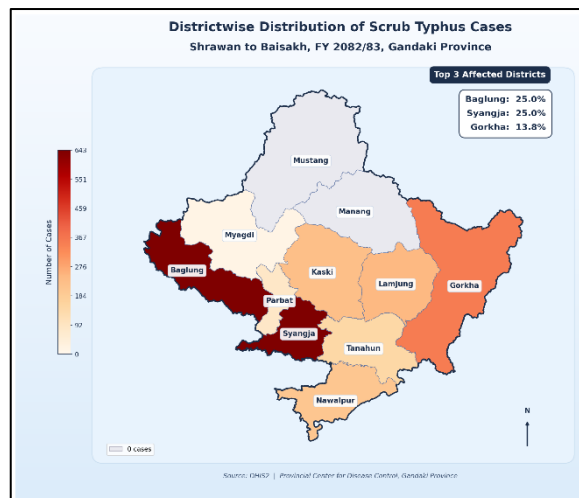
- ✓ In the FY 2082/83, till the month of Baisakh, a total of 61 leprosy cases were reported in Gandaki Province.
- ✓ In the month of Baisakh, a total of 5 new cases of leprosy were reported which is low in comparison to the previous month.
- ✓ About 59.1% of cases are reported from Kaski, Nawalpur and Tanahun district in FY 2082/83 till Baisakh.





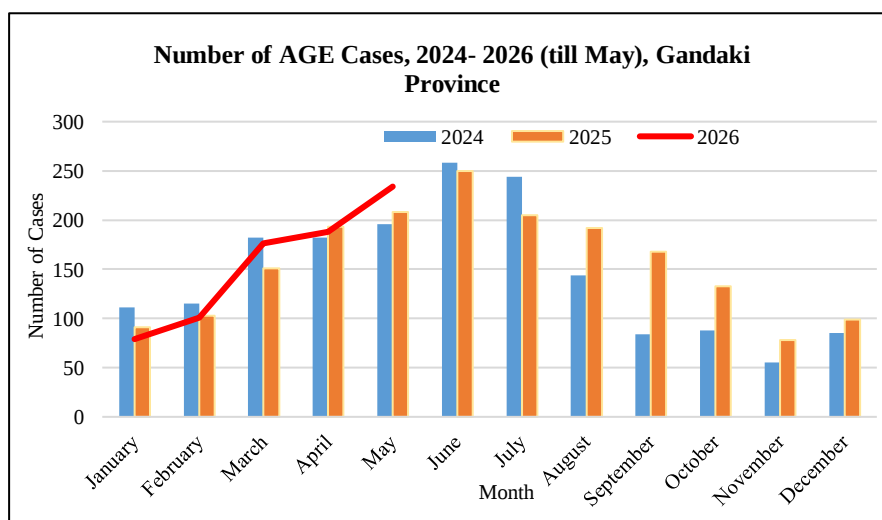
10. Scrub typhus

- ✓ Across all three fiscal years, scrub typhus cases follow a sharply seasonal pattern,
 - Peaking during Bhadra and Ashoj (the monsoon and immediate post-monsoon months) and
 - falling to their lowest levels in Poush, with
 - The Shrawan–Kartik window consistently accounting for the majority of the annual disease burden.
- ✓ Number of reported cases of scrub typhus are increasing over these three fiscal years.
- ✓ In the month of Baisakh, a total of 189 cases were reported, increased in comparison to this month of previous two fiscal years.
- ✓ About 50% of the total cases of fiscal year 2082/83 till Baisakh are reported from Baglung and Syangja.



11. Acute Gastroenteritis (AGE)

- ✓ The case distribution of the AGE shows the seasonal variation with peak in June and July.
- ✓ In the FY 2082/83, till the month of May, a total of 778 AGE cases were reported in Gandaki Province.
- ✓ In the month of May, a total of 234 new cases of AGE were reported which is increasing in comparison to the previous month April.





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	Scrub Typhus, Dengue, HIV and Leprosy	HMIS
4	Influenza A & B	SORMAS
5	Malaria	MDIS & HMIS
6	Kala-azar & AGE	WHO & EWARS

*** In FY 2082/083 B.S., the data of specific diseases reported from Shrawan to Baisakh is included.**

For Feedback & Suggestions

Kindly request to share your feedback and suggestions at

Email Address: pcdcgandaki@gmail.com