

# DHIS Analysis Report (Jan 2021)

Directorate General Health Services, Punjab (MIS Cell)

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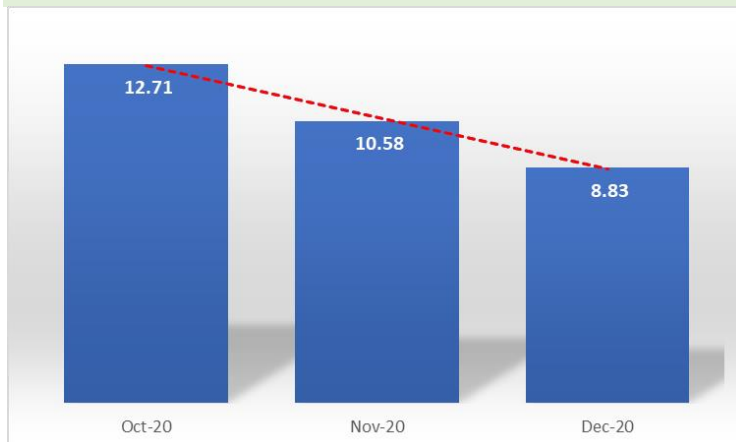


## KEY HIGHLIGHTS

Due to pandemic COVID-19, there is a clear decline pattern observed from Oct to Dec 2020 in healthcare services that are being reported in DHIS by Health facilities including Teaching Hospitals, DHQ, THQ, Civil Hospitals, RHCs, BHUs, MCHC and Dispensaries. Total OPD visits in Oct to Dec were 32 Million, but from Oct (12.7 Million) OPD is decreased to 4 Million in Dec 2020. This shows there is a decrease of 31% in OPD for the month of Dec as compare to Oct 2020.

Similarly, a major decline is observed in rest of the major indicators that are being reported in DHIS i.e. ANC-I, Deliveries, Family planning visits, Medicine Stock out and other indicators.

## OUT PATIENT DATA



### Total OPD Visits

The figure shows a graphical representation of OPD visits (New + Follow Up) for last three Months of 2020.

Total OPD visits in October to December were 32.12 Million which was almost 11 million lesser i.e., 42.9 m than the same period 2019. The data reported from all over Punjab shows there is a decrease of 13% in OPD from the month of Oct to Dec.

## EPIDEMIC TOP FIVE DISEASES

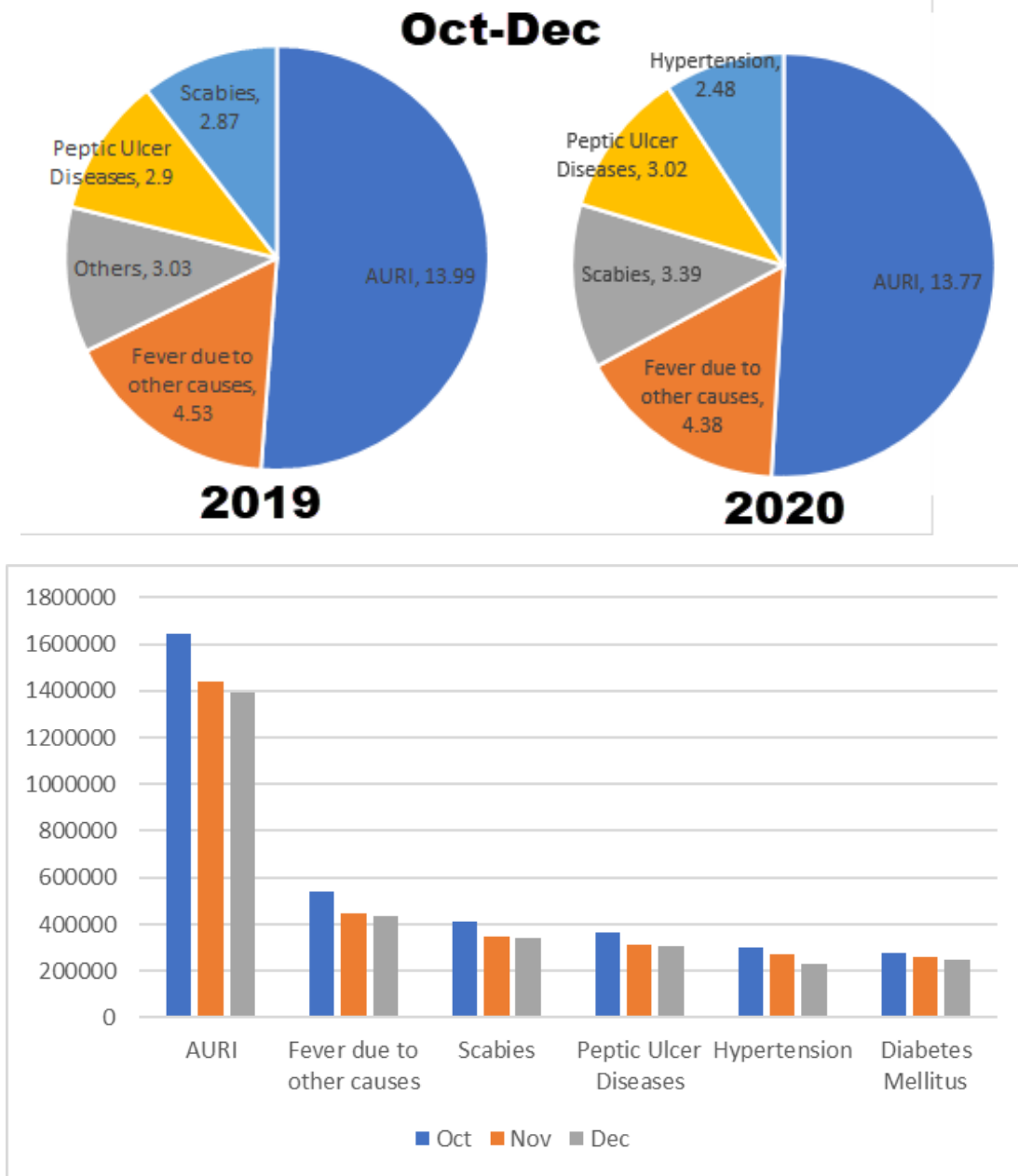
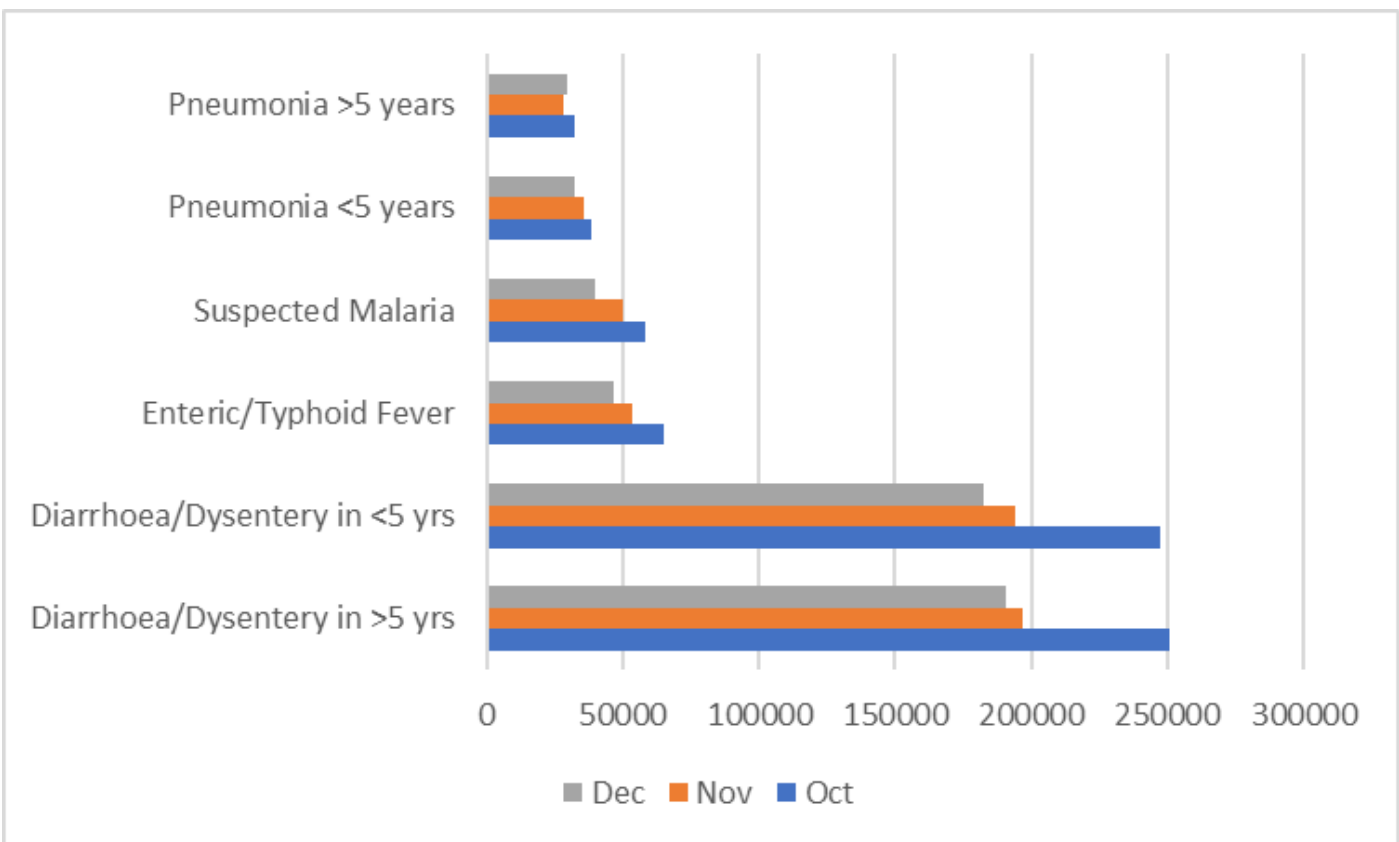
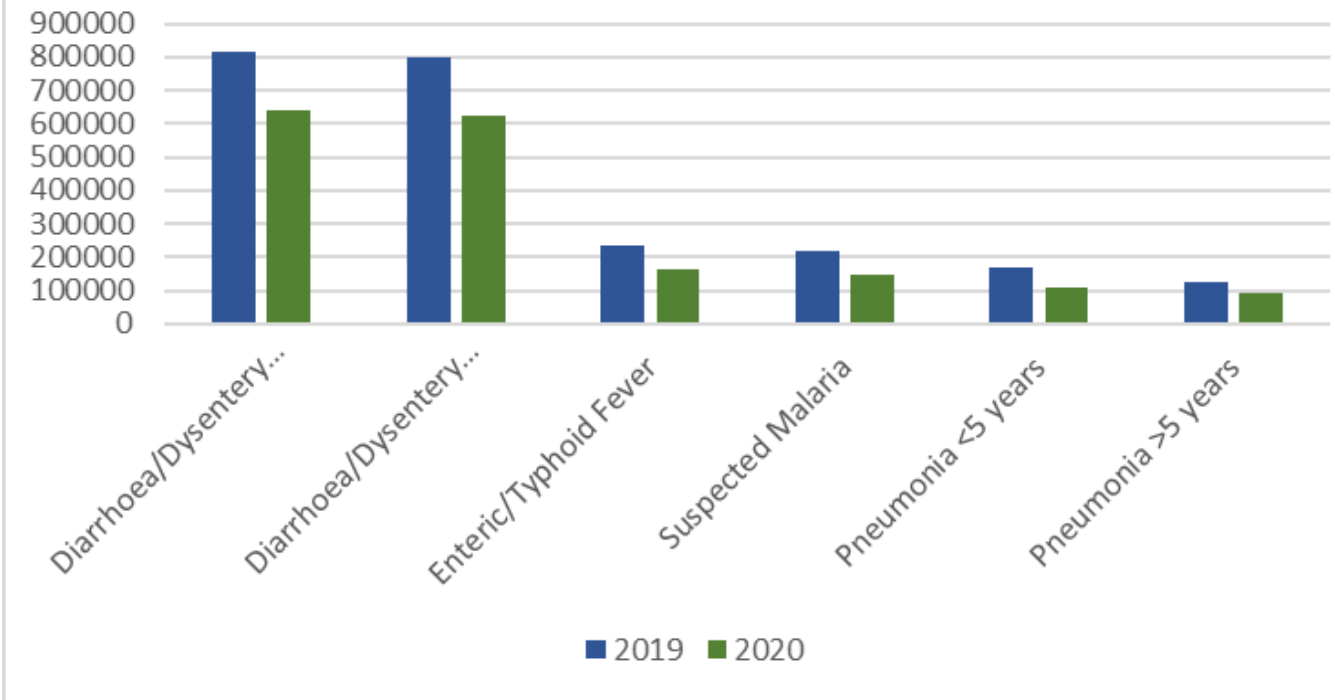


Figure shows the number of patients of top five epidemic diseases in Punjab Province for the month of Oct to Dec in both years 2019 and 2020. The highest number of patients were found in ARI-Acute (Upper) Respiratory Infections in all months and in both years in the same time of the year. The reported no. of patients in DHIS has also decreased due to 2<sup>nd</sup> wave of pandemic COVID-19.

## SUSPECTED MEASLES, TYPHOID FEVER, DIARRHEA <5 & >5 YEARS & PHENOMENA >5 & <5 yrs

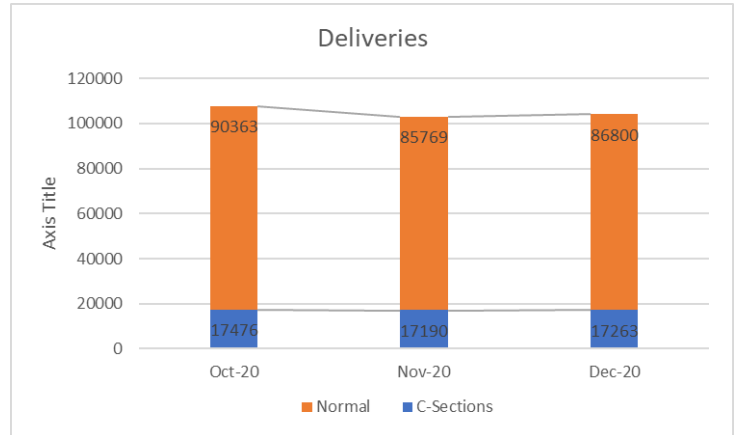
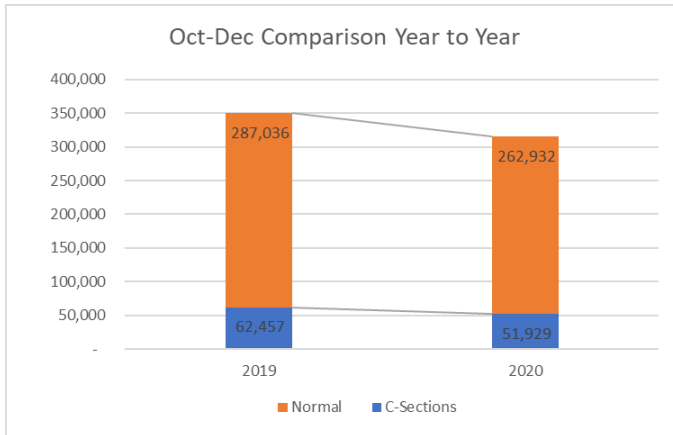
Graph shows number of patients for the period of Oct-Dec 2020 for Suspected Measles, Typhoid Fever, Diarrhea <5 & >5 years and Phenomena >5 & <5 years. It is observed that both Diarrhea <5 & >5 years cases are decreased during the period. It is also observed that this year we have less cases of these diseases than last year in the same time period

## Oct-Dec Comparison Year to Year



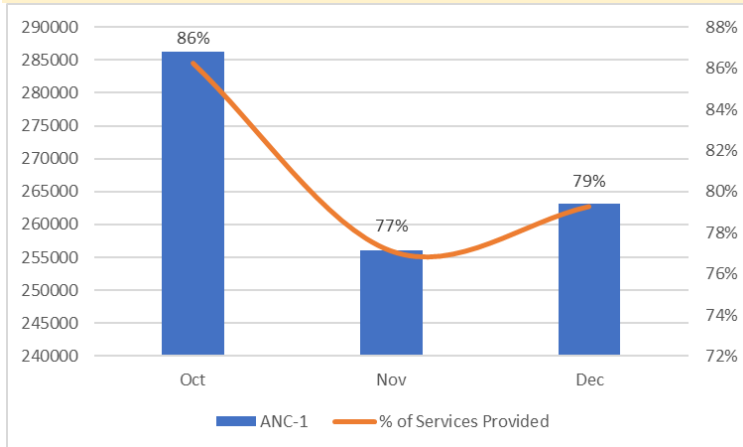
## MATERNAL AND NEONATAL CHILD HEALTH

### Deliveries conducted in Health Facilities.



The figure shows percentage of Total Deliveries conducted in Health Facilities of Punjab for the last three months of year 2020 i.e., Oct to Dec. Not more than 1% change can be overserved. The number of C-section performed were also analyzed and it was observed that the highest was in Oct Continuous decrease may be the result of 2<sup>nd</sup> wave of COVID-19.

### ANC-I VISITS



This numbers are calculated from the expected pregnancies during the year (3.4% of total Population). 80 above percentage can be seen through graph for the month of Oct but in Nov and Dec there is 77-79% respectively which may be due to COVID-19 so directly ANC-I visits decreased.

## FAMILY PLANNING VISITS

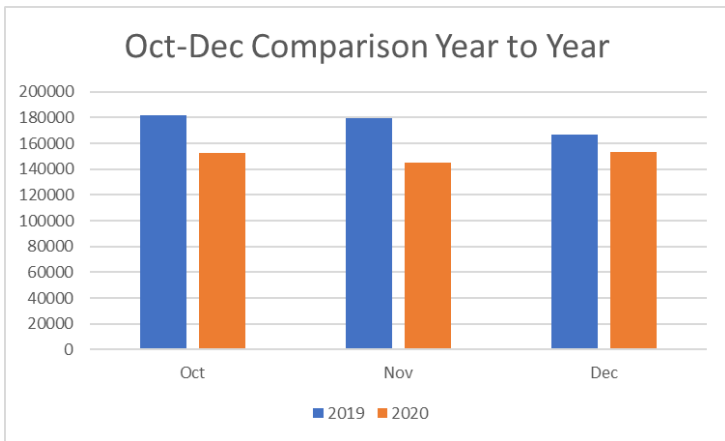


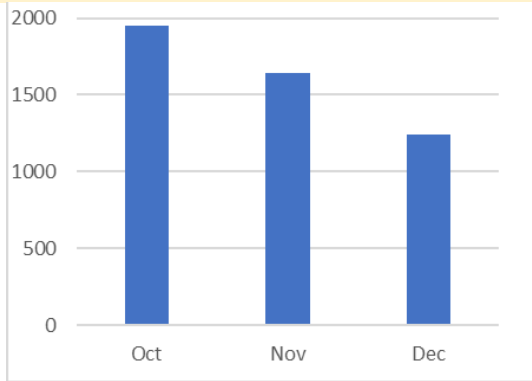
Figure shows a graphical representation of Family Planning visits for three last months of 2020. There is no specific pattern observed in year 2020 but from previous year data shows that overall FP visits reduced in the time of the year.

## OBSTETRIC COMPLICATIONS

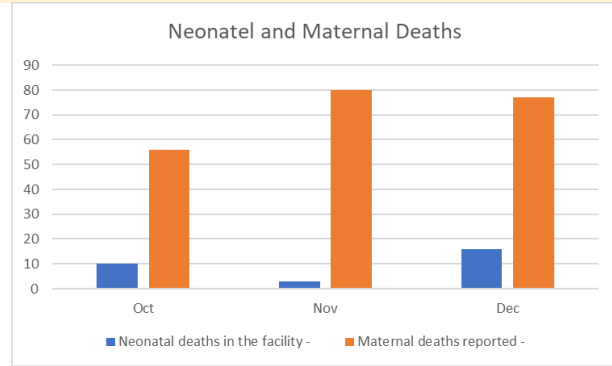
|     | Puerperal Sepsis | Rupture Uterus | Prolonged/Obstructed Labour | Ectopic Pregnancies | Ante partum Hemorrhage (APH) | Complications of Abortion | Postpartum Hemorrhage (PPH) | Pre-Eclampsia/Eclampsia |
|-----|------------------|----------------|-----------------------------|---------------------|------------------------------|---------------------------|-----------------------------|-------------------------|
| Oct | ↓ 165            | ↓ 198          | ↓ 420                       | ↓ 117               | ↑ 957                        | ↑ 1098                    | ↑ 956                       | → 706                   |
| Nov | ↓ 195            | ↓ 326          | ↓ 445                       | ↓ 221               | → 781                        | ↑ 913                     | → 820                       | → 818                   |
| Dec | ↓ 149            | ↓ 283          | → 597                       | ↓ 155               | → 759                        | ↑ 1227                    | ↑ 1165                      | ↑ 1303                  |

Above Table shows the number of Obstetric Complications for the Month of Oct to Dec.

## Still Birth, Neonatal and Maternal Deaths



Stillbirth graph shows number of Still Births in all health facilities for the Month of Oct to Dec 2020. It is observed that the number of stillbirths has been decreased by 36% in Dec from Oct.



Graph shows numbers of Neonatal and Maternal Deaths in health facilities. The number of maternal deaths has increased in the Month of Nov, whereas, in Dec there is a also slight increase in neonatal deaths.

## MEDICINE STOCK OUT

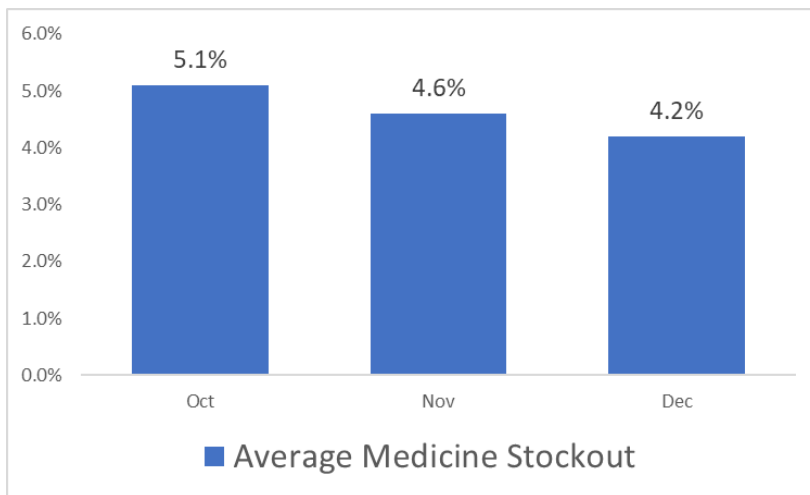


Figure shows a percentage of average stockouts for 18 tracer drugs in Facilities for the month of Oct, Nov and Dec 2020.

## IMMUNIZATION COVERAGE

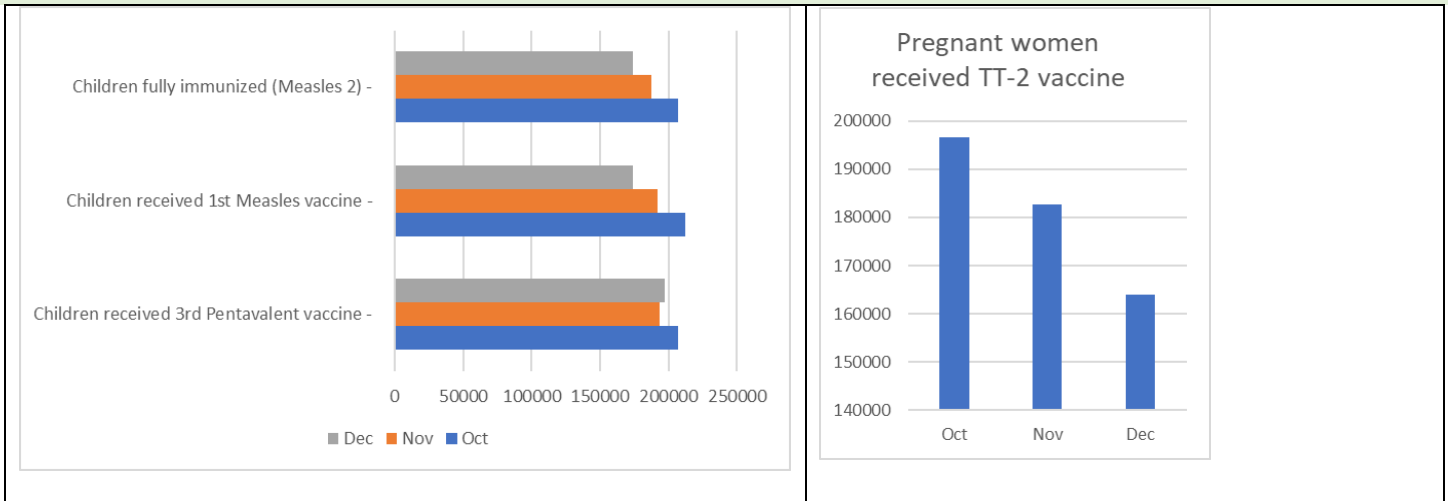


Figure shows a comparison of vaccination in the last three months of 2020. It seems that Full Immunized children in Oct decreased 16% in Dec from Oct 2020. Likewise, same in the case of TT-2 where same 16% vaccination dropped in Dec in comparison to Oct 2020.

This Report would not be possible without the collaboration, guidance, and expertise of **Dr. Haroon Jahangir Khan** (Director General Health Services Punjab), **Dr. Shohail Arshad Rana** (DHS MIS), **Dr. Imtiaz Ahmed Rana** (ADHS-Stat).

The regularly reviews, discussion, and modification of methodological framework used to ensure that the Report meets the most rigorous statistical standards and accurately reflects the state of our Provincial health.

On behalf of MIS team, **Mr. Farooq Ahmed** (CPO), we thank to the focal persons of Districts and public health professionals who worked to improve our provincial health for their tireless efforts with timely collaboration. We are better prepared to address the public health challenges of today and tomorrow. They deserve our deepest appreciation.

