COVID-19
Impact on Health Service Delivery
@ PPHI HFs

A Comparative Analysis of Health Service Provision before and during COVID-19
Out Patient Turnover & % Change Over Time – Region wise

(During COVID-19 Outbreak – Mar 2020 vs Apr-20 & May-20)

<table>
<thead>
<tr>
<th>Region</th>
<th>Mar-20</th>
<th>Apr-20</th>
<th>May-20</th>
<th>% Δ Mar-Apr</th>
<th>% Δ Mar-May</th>
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Redefining Primary Healthcare
District specific Map Showing % Change in OPD Turnover

Mar. 2020 vs Apr. 2020

Mar. 2020 vs May 2020

OPD Visits
- < -30%
- -20% to -30%
- -10% to -20%
- -0.1% to < -10%
- 0% to 10%
- > 10%
District specific Map Showing % Change in ANC-I Coverage

Mar. 2020 vs Apr. 2020

-30% ≤ Percent Change <= -20%
-20% ≤ Percent Change <= -10%
-10% ≤ Percent Change <= 0%
-0.1% ≤ Percent Change <= 0%
0% ≤ Percent Change ≤ 10%
Percent Change > 10%

Mar. 2020 vs May 2020
District specific Map Showing % Change in ANC-All Visits Coverage

Mar. 2020 vs Apr. 2020

Mar. 2020 vs May 2020

ANC (all visits)

-30% ≤
-20% to -30%
-10% to -20%
-0.1% to < -10%
0% to 10%
> 10%
District specific Map Showing % Change in Facility-based Delivery Coverage

Mar. 2020 vs Apr. 2020

Mar. 2020 vs May 2020

Delivery Coverage @HF

- <30%
- -20% to -30%
- -10% to -20%
- -0.1% to < -10%
- 0% to 10%
- > 10%
District specific Map Showing % Change in TT2 Vaccine Coverage

Mar. 2020 vs Apr. 2020

Mar. 2020 vs May 2020

TT2 Vacc. (Preg Women)

- <30%
- -20% to -30%
- -10% to -20%
- -0.1% to < -10%
- 0% to < -10%
- > 10%

Kilometers
District specific Map Showing % Change in Penta-III Coverage

Mar. 2020 vs Apr. 2020

Mar. 2020 vs May 2020

Pentavalent Vacc. (< 12 Months)
- <30%
- -20% to -30%
- -10% to -20%
- -0.1% to < -10%
- 0% to < -10%
- > 10%

Redefining Primary Healthcare
District specific Map Showing % Change in Measles-I Coverage

Mar. 2020 vs Apr. 2020

Mar. 2020 vs May 2020

1st Measles Vacc. (<12 Months)

- <30%
- 20% to -30%
- 10% to 20%
- 0% to 10%
- 0% to -10%
- > 10%

* Showing Average of Jan and Feb months
District specific Map Showing % Change in # of FP Clients

Mar. 2020 vs Apr. 2020

Mar. 2020 vs May 2020

FP Clients (All)

-30% ≤
-20% to -30%
-10% to -20%
-0.1% to < -10%
0% to 10%
> 10%
District specific Map Showing % Change in # of FP Clients (LARC Method)

Mar. 2020 vs Apr. 2020

Mar. 2020 vs May 2020

FP Clients (LARC)
- <30%
- -20% to -30%
- -10% to -20%
- -0.1% to < -10%
- 0% to 10%
- > 10%
District specific Map Showing % Change in # of FP Clients (SARC Method)

Mar. 2020 vs Apr. 2020

Mar. 2020 vs May 2020

FP Clients (SARC)
- < -30%
- -20% to -30%
- -10% to -20%
- -0.1% to < -10%
- 0% to 10%
- > 10%

Redefining Primary Healthcare
District specific Map Showing % Change in # of Lab Investigation

Mar. 2020 vs Apr. 2020

Mar. 2020 vs May 2020

Lab Investigations (Thru OPD)

- <30%
- -20% to -30%
- -10% to -20%
- -0.1% to < -10%
- 0% to 10%
- > 10%
% Change in Coverage of Maternal Health Services – by Region

(During COVID-19 Outbreak – Mar-2020 vs Apr-20 & May-20)
% Change in Coverage of Other Services – by Region

(During COVID-19 Outbreak – Mar-2020 vs Apr-20 & May-20)
### % Change in Different Health Services – District Metrics

(During COVID-19 Outbreak – Mar-2020 vs Apr-20 & May-20)

<table>
<thead>
<tr>
<th>Region</th>
<th>District</th>
<th>OPD Visits</th>
<th>ANC1</th>
<th>ANC(All visits)</th>
<th>Delivery Coverage @H</th>
<th>TTZ Vacc. (Pregn Women)</th>
<th>Measles I Vacc.</th>
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<td>13%</td>
<td>50.1%</td>
</tr>
</tbody>
</table>
Conclusion

- There is overall **decreasing** trend in **out-patient turnover** which is quite consistent with previous months during COVID-19 outbreak and there is slight variation in out patient turnover between districts.

- In general, OPD visits we have observed a **36.7% decrease** as compared to the March-2020, while this percentage decrease in the previous month of April-20 was around 23%.

- **In terms of MNCH indicators** for the month of May-20, it has been observed that there is a **overall decline** in MNCH coverage except for Tharparkar, which showed some improving trends up to **10% increase** in MNCH indicators.

- The number of clients seeking **FP services** have consistently remained **low** since COVID-19 outbreak and still the trend is same and it is universally low in almost all districts for the month of May 2020.

- Moreover, **Lab investigation** followed a **similar pattern** with the exception for Tharparkar, which observed an **increase of 10%** as compared to that of March-2020.

- Region 2 (Mirpurkhas) has observed an improvement in terms of routine **immunization** coverages with almost more than **10% increase** during May-2020 in Penta 3 and Measles-1 coverages as compared to that of March-2020.

- Here we will emphasize and suggest to **mobilize the vaccination teams** both at fix and outreach setup at least to maintain to the Pre-COVID-19 momentum for routine immunization to prevent the Vaccine Preventable Diseases.

- It is also advised to do minimum or manageable community mobilization to avail vaccines for their children during this COVID-19 outbreak. Alarmingly, still **07 districts** have reported more than **20% decrease** in routine **immunization** coverage.
• On detailed diagnosis wise analysis and keeping general OPD decline in view, the percentage share of each disease has remained constant. However surprisingly, the number of cases with FEVER DUE TO OTHER CAUSES has increased and almost doubled the percentage share of overall OPD attendance for the month of April and May-20 which is very much consistent with increase in COVID-19 infection throughout the province.

• As majority of the patients almost 80% of the COVID-19 cases are present with mild and which is most common symptom in almost 90% of the COVID-19 patients, this high number of patients with fever provide an assumption of serious COVID-19 community transmission.

• We would suggest if there is screening facility and availability we must recommend COVID-19 tests for all patients with fever & respiratory problems.

• We also advise to improve community awareness about COVID-19, targeting how it spreads, how it can be prevented and where they can go and seek screening or treatment, if someone is having symptoms.