PUNJAB COVID-19 RESPONSE

Initiatives and Policy Measures

Department of Governance Reforms and Public Grievances
Government of Punjab

Prepared by Governance Fellows
COVID19 Case Load

India COVID19 Status

<table>
<thead>
<tr>
<th></th>
<th>World</th>
<th>India</th>
<th>Punjab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Cases</td>
<td>22,418,405</td>
<td>2,823,191</td>
<td>36,083</td>
</tr>
<tr>
<td>New Cases</td>
<td>295,969</td>
<td>56,565</td>
<td>1,693</td>
</tr>
<tr>
<td>Total Death</td>
<td>786,682</td>
<td>53,849</td>
<td>920</td>
</tr>
<tr>
<td>New Death</td>
<td>7,761</td>
<td>834</td>
<td>24</td>
</tr>
<tr>
<td>% Case Fatality</td>
<td>3.5%</td>
<td>1.9%</td>
<td>2.5%</td>
</tr>
<tr>
<td>Total Recovered</td>
<td>15,134,091</td>
<td>2,084,894</td>
<td>22,703</td>
</tr>
<tr>
<td>% Recovery</td>
<td>68%</td>
<td>74%</td>
<td>63%</td>
</tr>
<tr>
<td>Active Cases</td>
<td>6,497,632</td>
<td>684,448</td>
<td>12,460</td>
</tr>
<tr>
<td>% Active</td>
<td>29%</td>
<td>24%</td>
<td>35%</td>
</tr>
<tr>
<td># Cases per Mn pop</td>
<td>2,802</td>
<td>1,568</td>
<td>1,203</td>
</tr>
<tr>
<td># Deaths per Mn pop</td>
<td>98.3</td>
<td>29.9</td>
<td>30.7</td>
</tr>
</tbody>
</table>

State level COVID19 Status

<table>
<thead>
<tr>
<th>State</th>
<th>Total</th>
<th>Cured</th>
<th>Death</th>
<th>Active</th>
<th>Recovery Rate</th>
<th>Case Fatality Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maharashtra</td>
<td>628,639</td>
<td>446,881</td>
<td>21,033</td>
<td>160,725</td>
<td>71%</td>
<td>3.3%</td>
</tr>
<tr>
<td>Tamil Nadu</td>
<td>355,449</td>
<td>296,171</td>
<td>6,123</td>
<td>53,155</td>
<td>83%</td>
<td>1.7%</td>
</tr>
<tr>
<td>Andhra Pradesh</td>
<td>316,003</td>
<td>226,372</td>
<td>2,906</td>
<td>86,725</td>
<td>72%</td>
<td>0.9%</td>
</tr>
<tr>
<td>Karnataka</td>
<td>240,941</td>
<td>156,949</td>
<td>4,201</td>
<td>79,791</td>
<td>65%</td>
<td>1.7%</td>
</tr>
<tr>
<td>Uttar Pradesh</td>
<td>167,510</td>
<td>115,227</td>
<td>2,638</td>
<td>49,645</td>
<td>69%</td>
<td>1.6%</td>
</tr>
<tr>
<td>Delhi</td>
<td>156,139</td>
<td>140,767</td>
<td>4,235</td>
<td>11,137</td>
<td>90%</td>
<td>2.7%</td>
</tr>
<tr>
<td>West Bengal</td>
<td>125,922</td>
<td>95,663</td>
<td>2,581</td>
<td>27,678</td>
<td>76%</td>
<td>2.0%</td>
</tr>
<tr>
<td>Bihar</td>
<td>112,759</td>
<td>84,578</td>
<td>568</td>
<td>27,613</td>
<td>75%</td>
<td>0.5%</td>
</tr>
<tr>
<td>Telangana</td>
<td>95,700</td>
<td>73,991</td>
<td>719</td>
<td>20,990</td>
<td>77%</td>
<td>0.8%</td>
</tr>
<tr>
<td>Assam</td>
<td>82,202</td>
<td>58,295</td>
<td>213</td>
<td>23,694</td>
<td>71%</td>
<td>0.3%</td>
</tr>
<tr>
<td>Gujarat</td>
<td>82,087</td>
<td>64,930</td>
<td>2,837</td>
<td>14,320</td>
<td>79%</td>
<td>3.5%</td>
</tr>
<tr>
<td>Odisha</td>
<td>67,122</td>
<td>46,936</td>
<td>425</td>
<td>19,761</td>
<td>70%</td>
<td>0.6%</td>
</tr>
<tr>
<td>Rajasthan</td>
<td>64,676</td>
<td>49,084</td>
<td>908</td>
<td>14,684</td>
<td>76%</td>
<td>1.4%</td>
</tr>
<tr>
<td>Kerala</td>
<td>50,173</td>
<td>32,607</td>
<td>183</td>
<td>17,383</td>
<td>65%</td>
<td>0.4%</td>
</tr>
<tr>
<td>Haryana</td>
<td>49,930</td>
<td>42,056</td>
<td>567</td>
<td>7,307</td>
<td>84%</td>
<td>1.1%</td>
</tr>
<tr>
<td>Madhya Pradesh</td>
<td>48,405</td>
<td>36,475</td>
<td>1,159</td>
<td>10,771</td>
<td>75%</td>
<td>2.4%</td>
</tr>
<tr>
<td>Punjab</td>
<td>36,083</td>
<td>22,703</td>
<td>920</td>
<td>12,460</td>
<td>63%</td>
<td>2.5%</td>
</tr>
<tr>
<td>J&amp;K</td>
<td>30,034</td>
<td>22,497</td>
<td>572</td>
<td>6,965</td>
<td>75%</td>
<td>1.9%</td>
</tr>
<tr>
<td>Other</td>
<td>143,451</td>
<td>95,209</td>
<td>1,633</td>
<td>46,609</td>
<td>66%</td>
<td>1.1%</td>
</tr>
<tr>
<td>Total India</td>
<td>2,823,191</td>
<td>2,084,894</td>
<td>53,849</td>
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<td>74%</td>
<td>1.9%</td>
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</tbody>
</table>

As on 19.08.2020 21:55 hrs; Source: www.covid19india.org, www.worldometers.info, Health Dept. GoP.
Punjab was the first State in the Country to impose a curfew, even before the National Lockdown. Since then, the State Government has taken several measures to manage the pandemic and its implications.

Punjab has set up a [State COVID-19 Management Group](#) to review the situation and send their report to the Chief Minister. [13 Committees](#) have been set up to report to the group:

<p>| 1 | Health Sector Response and Procurement Committee |
| 2 | Lockdown Instructions and Implementation Committee |
| 3 | Media and Communication Committee |
| 4 | Agriculture and Food Committee |</p>
<table>
<thead>
<tr>
<th></th>
<th>Committee Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Relief for Migrant Workers Committee</td>
</tr>
<tr>
<td>6</td>
<td>Goods Transport Committee</td>
</tr>
<tr>
<td>7</td>
<td>COVID Care Centre Committee</td>
</tr>
<tr>
<td>8</td>
<td>Committee on Augmenting Human Resources and Capacity Building</td>
</tr>
<tr>
<td>9</td>
<td>Committee on upgradation of Health Sector Infrastructure</td>
</tr>
<tr>
<td>10</td>
<td>Tele-Counselling Services Committee</td>
</tr>
<tr>
<td>11</td>
<td>Food Grain Procurement Management Committee</td>
</tr>
<tr>
<td>12</td>
<td>Expenditure Appraisal Committee</td>
</tr>
<tr>
<td>13</td>
<td>Data Analysis Group</td>
</tr>
</tbody>
</table>
SOME IMPORTANT DECISIONS

1. COVID-19 Anti-Stigma and Anti-Discrimination Campaign launched on 11 August 2020 with the support of UNDP and WHO.

2. Punjab among the first few states to approve Plasma treatment for critical COVID-19 patients in hospitals. The 1st Plasma Bank was inaugurated on 21 July 2020. Notification for plasma therapy as free service in government & private facilities done on 1st August.

3. Plasma banks are now operational in Faridkot, GMC Patiala and GMC Amritsar. 26 Plasma Donations done so far.

4. Rapid Antigen Testing (RAT) started for early detection and management of COVID-19 infections. 20,582 tests done so far with RAT.

5. Treatment Rates for Private Hospitals has been notified by the State Government basis the profession advice from from Dr. K.K. Talwar Committee.
## SOME IMPORTANT DECISIONS

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td><strong>Community Ownership Model</strong> as a means for the community to be actively involved in the state’s response against the pandemic.</td>
</tr>
<tr>
<td>7</td>
<td>Government of Punjab constituted a <strong>Group of Experts</strong> led by Sh. Montek Singh Ahluwalia to develop a medium-term and longer-term <strong>Post COVID Economic Strategy for the State</strong>. The Group has submitted its first draft of the report for further discussion.</td>
</tr>
<tr>
<td>8</td>
<td>Punjab has recently enforced stricter measures in urban areas as required specially in the 5 cities of Amritsar, Jalandhar, Ludhiana, Patiala and Mohali to contain the COVID-19 spread.</td>
</tr>
<tr>
<td>9</td>
<td>Government of Punjab constituted a <strong>Task Force</strong> for <strong>Strategy on easing restrictions imposed due to Lockdown</strong>.</td>
</tr>
<tr>
<td>10</td>
<td>Punjab Government has spent <strong>₹45.05 Cr</strong> to fund movement of migrants via trains to their states.</td>
</tr>
</tbody>
</table>
COVID-19 Public Health Strategy in Punjab

5 PILLARS
1. Political & Administrative Commitment
2. Preparedness
3. Surveillance (Trace-Test-Treat Principle)
4. Capacity Building
5. Intersectoral Coordination

REGULAR SURVEILLANCE FOR EARLY DETECTION
1. Surveillance of ILI (Influenza Like Illness)
2. Surveillance in Large Outbreaks
3. Surveillance in Cluster Areas

IEC ACTIVITIES
A State Public Health Advisory Group under the Chairpersonship of Dr K. K. Talwar constituted with the State Epidemiologist as the Convener.
Containment Strategy

- Aggressive Testing
  - Early Testing of Suspects
  - Contact Tracing
  - Home Quarantine

- Exhaustive Contact Tracing

- Treatment
  - COVID Care Centres/Level II/Level III

- Active Surveillance
  - House to House Surveillance
  - Containment/Micro-Containment
Mission Fateh is the effort of the people of Punjab to defeat the pandemic in the face of overwhelming odds. It is a Mission of the people, by the people and for the people.

Punjab is creating mass awareness about:

- Wearing masks
- Washing hands
- Maintaining social distancing
- Taking care of the elderly
- Remaining vigilant about entry of outsiders in the locality
- Use of COVA App to track patients of the virus and maintaining a safe distance from them
- Importance of Home Quarantine
- Symptoms of the flu and action thereafter
- Restrictions during Lockdown 5.0 and penalties/fines in case of violations
- Community mobilization to jointly fight against the pandemic
- Emphasizing that the threat of the virus has not diminished, rather it has become more menacing

Committees
For the success of the Mission, the following committees have been constituted - Campaign Committee, Implementation Committee, and District Level Implementation Committee.

Activities
As part of the communication campaign, methods/platforms such as Hoardings, Campaign Song, IVRS and SMS, Radio, CORONA Warriors, Mission Fateh Warriors, COVA App, TV and Newspapers, and Ground Activities with the help of Sarpanches, Teachers and ASHA/Anganwadi workers are being used.

Success Indicators
The campaign is mainly dependent upon the response of the people some success indicators of the campaign are as under –
1. Total Registered Users – 7,29,882
2. Total Photos Uploaded – 2,53,543
3. Gold Winners – 100, Silver Winners – 360 and Bronze Winners - 1092
Regular Surveillance

Punjab has initiated **surveillance for symptomatic persons** in the community to identify any person having COVID-19 symptoms at the earliest.

Regular Surveillance for early detection is supervised by **Rapid Response Teams (RRTs)**. Tracking and screening of contacts of positive patients is being done.

**Survey in Large Outbreak Areas**: 20 areas in the State with >14 cases have been declared as large outbreak areas.

**House to House Survey was launched by the CM. The first round took place from 11th June 31st July** – ASHA, Anganwadi workers and volunteers carried out data collection on a mobile app. Second round planned.

*As on 19.08.2020*
House to House Surveys

NUMBER OF PERSONS SURVEYED

NUMBER OF RESOURCES DEPLOYED
Micro Containment Zones

Any specific area within a ward/village with population up to 500 which has 5 to 14 COVID positive cases is designated as a Micro Containment Zone.

Minimum period of Micro Containment is 10 days. This Period can be extended one week at a time if a new case is found in last 7 days.

District RRTs to undertake mapping of cases and contacts along with active surveillance by ASHA workers/Community Volunteers.

Perimeter Control to ensure no unchecked outward movement of population from micro-containment zones and to check influx of population into the zones.

Currently, there are 143 Micro Containment Zones across 17 districts in Punjab.

As on 19.08.2020
GMC Amritsar and GMC Patiala got approved in March 2020 for RT-PCR COVID19 testing with a capacity of 40 tests/day. The current capacity of Punjab Govt. Facilities is 16,000/day.

From 4 tests per million population on March 16th to 26,537 tests per million population on August 18th while the current Indian average is 23,566 tests per million population.

9 Government Facilities
- GMC Amritsar (Capacity - 5000)
- GMC Patiala (Capacity - 5000)
- BFUHS Faridkot (Capacity - 5000)
- GADVASU, Ludhiana (Capacity - 250)
- RDDL, Jalandhar (Capacity - 250)
- Forensic Science Lab, Mohali (Capacity - 250)
- Punjab Biotech Incubator, Mohali (Capacity - 250)
- PGI Chandigarh (Capacity - 150)
- IMTech Chandigarh (Capacity - 100)

44 Private Facilities approved by ICMR for testing in Punjab.

As on 18.08.2020
### COVID-19 Treatment Facilities

<table>
<thead>
<tr>
<th>LEVEL 1</th>
<th>LEVEL 2</th>
<th>LEVEL 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COVID CARE CENTRES</strong></td>
<td><strong>COVID HEALTH CENTRES</strong></td>
<td><strong>COVID HOSPITALS</strong></td>
</tr>
<tr>
<td>- Asymptomatic or mildly symptomatic cases</td>
<td>- Mild to moderately symptomatic cases</td>
<td>- Severely symptomatic and Critical Care patients</td>
</tr>
<tr>
<td>- 12,762 beds in the state of readiness.</td>
<td>- 5270 beds in Government facilities</td>
<td>- At present, there are 290 level 3 beds in Govt facilities</td>
</tr>
<tr>
<td>- 7058 beds operationalized.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

As on 19.08.2020
COVID Care Centres

7058 Beds operationalized in CCCs

Level 1 Operational Bed Capacity

As on 19.08.2020
COVID Care Centres (Video)
Level-II are hospital beds with oxygen supply. Total number of beds is 7028
At present, the level 3 bed strength in Punjab is a total of $816$. 
Flu Corners

Flu corners are **set up in Hospitals to screen all suspected cases** of respiratory tract infections or cases presenting symptoms similar to those of coronavirus.

These serve as the **first points of contact** for these patients and ensure that **movement of such cases is restricted** in order to prevent the spread of the disease.

Flu corners have been **running in all the districts** of Punjab.

Punjab has set up **226 Flu Corners** (19 in District Hospitals, 42 in Sub-Divisional Hospitals, 18 in Public Health Centers, 142 in Community Health Centers, 2 in Govt. Medical Colleges. and 3 in other facilities) with **sample collection facility** in **202 Flu Corners**.

Flu Corner report from 15-04-2020 to 19-08-2020
Pool Testing

A specimen pool comprising of multiple individual patient specimens (2-5 individuals) is tested, followed up by individual testing, only if a pool tests positive.

Pool Testing is being carried out in 3 Government facilities:
- GMC Amritsar
- GMC Faridkot
- GMC Patiala

Pool testing had been stopped from 30 April to 7 May as per ICMR guidelines in order to give priority to returnees.

Punjab was the first to conduct pool testing trials in GMC Amritsar and GMC Patiala on 15 April. Current capacity for pooled testing is 4000 samples per lab per day (approx.) 6,84,255 pooled samples tested as on 19 August 2020.
TrueNat Testing

Advantage of TrueNat Testing is that the testing time is only 60 minutes. It is being used for emergency cases of COVID 19.

Total Capacity of TrueNat testing in Punjab is 2000.

Private hospitals can send urgent samples for testing in government facilities for INR 1500. 1068 such samples have been tested.

As on 19.08.2020

There are 27 TrueNat Machines operational at District Hospitals in Punjab. Total 9744 tests done so far, out of which 981 were positive.
Rapid Antigen Testing

Rapid Antigen Testing shall **reduce the turnaround time** considerably and aid in quick diagnosis and management. If the result is positive, then it is taken as confirmed. However, if it is negative, then re-testing is done through TrueNat and RT-PCR.

Following categories shall be tested using Rapid Antigen Tests:
- Severe Acute Respiratory Infection (SARI) patients
- Two categories of symptomatic patients
- Three categories of asymptomatic patients

**As on 18.08.2020**

Punjab government started COVID-19 Rapid Antigen Testing on 10th July 2020. **5000 kits** were distributed in 8 districts - Amritsar, Jalandhar, Ludhiana, Mohali, Patiala, Kapurthala, FG Sahib and Ropar. Rapid Antigen Testing has now expanded to the entire State.

**Cumulative Samples Collected**

<table>
<thead>
<tr>
<th>Category</th>
<th>Number of Samples</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ludhiana</td>
<td>104308</td>
</tr>
<tr>
<td>Amritsar</td>
<td>67393</td>
</tr>
<tr>
<td>Jalandhar</td>
<td>63373</td>
</tr>
<tr>
<td>Patiala</td>
<td>60158</td>
</tr>
<tr>
<td>Gurdaspur</td>
<td>53802</td>
</tr>
<tr>
<td>Hoshiarpur</td>
<td>43171</td>
</tr>
<tr>
<td>Sangrur</td>
<td>36959</td>
</tr>
<tr>
<td>Moga</td>
<td>32444</td>
</tr>
<tr>
<td>Bathinda</td>
<td>31676</td>
</tr>
<tr>
<td>Ropar</td>
<td>30504</td>
</tr>
<tr>
<td>SAS Nagar</td>
<td>29395</td>
</tr>
<tr>
<td>Kapurthala</td>
<td>27173</td>
</tr>
<tr>
<td>Ferozepur</td>
<td>24900</td>
</tr>
<tr>
<td>FG Sahib</td>
<td>22829</td>
</tr>
<tr>
<td>Mansa</td>
<td>22232</td>
</tr>
<tr>
<td>Tarn Taran</td>
<td>21486</td>
</tr>
<tr>
<td>SBS Nagar</td>
<td>20578</td>
</tr>
<tr>
<td>Pathankot</td>
<td>19353</td>
</tr>
<tr>
<td>Fazilka</td>
<td>18909</td>
</tr>
<tr>
<td>Faridkot</td>
<td>18090</td>
</tr>
<tr>
<td>Muktsar</td>
<td>18403</td>
</tr>
<tr>
<td>Barnala</td>
<td>17975</td>
</tr>
<tr>
<td>Number</td>
<td>Service Description</td>
</tr>
<tr>
<td>---------</td>
<td>-------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>112</td>
<td>Single Emergency Helpline for anyone in distress</td>
</tr>
<tr>
<td>108</td>
<td>Ambulance service for medical emergency</td>
</tr>
<tr>
<td>104</td>
<td>Health emergency number</td>
</tr>
<tr>
<td>1800</td>
<td>Dial a Doctor (launched on 31 March 2020)</td>
</tr>
</tbody>
</table>

The Government of Punjab has operationalized 3 new helpline numbers and individual district emergency response helpline numbers for citizens to access support and services from the Government. This is in addition to the 2 existing helpline numbers that are also being used to support COVID related concerns.

Everyday, data from all these numbers is analyzed to show the type of calls, resolutions provided, geography and demography of the callers to aid evidence-based decision making.
Directives and Protocols Issued

1. **Directives for Unregistered Medical Practitioners** to not treat COVID-19 Suspects/Positive Cases

2. **Guidelines and Checklists** for Establishing and Operationalizing COVID Care Centres

3. **Guidelines** regarding sanitizations of ambulances, oxygen cylinders, x-ray machines, and other equipment/Hospital furniture

4. **Guidelines** for infection prevention and control for isolation
## Advisories Issued [1/5]

<table>
<thead>
<tr>
<th>No.</th>
<th>Advisory Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Updated Advisory on use of Air-Conditioning in Residential Commercial and Hospital settings</td>
</tr>
<tr>
<td>2</td>
<td>Updated Advisory on Hygiene and Sanitization while carrying out works under MNREGA</td>
</tr>
<tr>
<td>3</td>
<td>Updated Advisory on Hygiene and Sanitization of the Public or Private Sector Industries</td>
</tr>
<tr>
<td>4</td>
<td>Updated Advisory Hygiene and Sanitization of Office Spaces or Workplaces</td>
</tr>
<tr>
<td>5</td>
<td>Updated Advisory on Hygiene and Sanitization by the Plying Goods Vehicles and their Drivers</td>
</tr>
<tr>
<td>6</td>
<td>Advisory on Cleaning and Maintenance of Mobile Phones</td>
</tr>
<tr>
<td>7</td>
<td>Updated Advisory on Safe Farming Operations (Procurement and Marketing)</td>
</tr>
<tr>
<td>8</td>
<td>Updated Advisory on Safety of Food and other Essential Household Items</td>
</tr>
</tbody>
</table>
Advisories Issued [2/5]

9. Updated General and specific Advisory on Opening and Maintaining Cattle Fairs

10. Updated Advisory on Hygiene and Sanitization of Shops

11. Updated Advisory on Hygiene and Sanitization at Petrol Pumps

12. Advisory for the Special Care of Elderlies or Senior Citizens

13. Updated Advisory on Hygiene and Sanitization of Sewa Kendras and their Staff

14. Advisory of Socialization during the COVID-19 pandemic

15. Revised Advisory for Masks

16. Advisory on Maintaining Hygiene and Sanitization of State Transport Undertakings
Advisories Issued [3/5]

17. Advisory on Maintaining Hygiene and Sanitization of Sewa Kendras and their Staff
18. Advisory for the Special Care of Elderlies/Senior Citizens
19. Advisory on Maintaining and Ensuring the Safety of Food and Other Essential Household Items
20. Advisory on Maintaining the Hygiene and Sanitization of Shops
21. Advisory for the People Involved in Frequent Interstate/Intrastate Movement
22. Advisory regarding Home Quarantine of Returnees from Within the Country
23. SOP regarding Returnees coming from Outside the Country
24. Advisory on Cleaning and Maintenance of Mobile Phones
Advisories Issued [4/5]

25. Advisory on Opening and Maintaining Cattle Fairs

26. Advisory on Maintaining the Hygiene and Sanitization of Barber Shops/Hair-cut Salons

27. Advisory for Hotel and Suitable Lodging Facility for Health Staff

28. Advisory on the Use of Air-Conditioning in Residential/Commercial/Hospital Settings

29. Advisory on Maintaining Hygiene and Sanitization of Bank Spaces and their Staff

30. Advisory on Safe Farming Operations (Procurement and Marketing)

31. Advisory on Maintaining Hygiene and Sanitization of Public/Private Sector Industries and Staff

32. Advisory on Maintaining Hygiene and Sanitization while Carrying-out Works Under MNREGA
33. Advisory on Maintaining Hygiene and Sanitization of Office Spaces and Staff

34. Advisory on Maintaining Hygiene and Sanitization at Petrol Pumps

35. Advisory on Maintaining Hygiene and Sanitization of Plying Goods Vehicles and Drivers/Workers
The Government of Punjab has proactively ensured that needs of migrants in the State are given utmost priority.

<table>
<thead>
<tr>
<th>Migrant Laborers</th>
</tr>
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<tbody>
<tr>
<td>The Government of Punjab has facilitated the return of more than 5,43,494 migrant workers to their home states.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Cooked Food</th>
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<tbody>
<tr>
<td>21,98,659 cooked food packets distributed across 22 districts by the State Govt while NGOs distributed 1.84 crore packets.</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Ration Packets</th>
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<tr>
<td>4,045 ration packets distributed across 22 districts by the State Govt while NGOs distributed 4,01,814 packets.</td>
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<tr>
<th>Shelter Camps</th>
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<td>More than 700 shelter camps had been established across 22 districts. Currently there are 199 Migrant Labor Shelters.</td>
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<thead>
<tr>
<th>Rail and Bus Service</th>
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<tbody>
<tr>
<td>Govt. of Punjab spent Rs.29.37 crores and paid for railway tickets of 5,18,267 persons in 399 trains In addition, 25,227 persons have been carried in 862 buses to other states.</td>
</tr>
</tbody>
</table>
COVA Punjab

1st Mobile App in India, launched on 9th March 2020, with geotagging and geofencing features

11 States requested Punjab for access to the App and its features

51 Lac+ downloads; Available on iOS AppStore and Android PlayStore.

Find nearest COVID patient
Geofencing of quarantined individuals
Contact tracing of positive cases
Report mass gathering
Real time dashboard and analytics
Order grocery and essential goods
Booking of Train Tickets
Plasma donor registration

As on 19.08.2020
## IT Initiatives [1/2]

1. To ensure smooth operations in Mandis during the procurement weeks under COVID-19, Punjab developed a unique centralized automated, logic-based tech platform to **issue e-Passes to farmers**. All movement in the Mandis were managed online.

2. A dedicated dashboard - [corona.punjab.gov.in](http://corona.punjab.gov.in) to analyse the trend and pattern of cases including prediction of future hotspots to help authorities to take timely decisions.

3. A platform - [covidhelp.punjab.gov.in](http://covidhelp.punjab.gov.in) for people who want to go to their home states from Punjab and those wanting to return.

4. Punjab launched **tele-medicine & tele-counselling initiatives** for general patients other than COVID-19 to get consultation from home with the empaneled doctors/counselors through video call.

5. Deployed **UiPath RPA BOT** to extract **district specific information** from the email, coming from more than 20 district authorities. The BOT saves the information in respective district folder.
Punjab has initiated a mass awareness campaign to educate and inform its citizens across all the channels (Radio, TV, Social Media, Print Media) about this pandemic.

eSanjeevani (Online OPD), a CDAC Mohali’s flagship integrated telemedicine solution was implemented across the state to connect with a network of senior doctors over video conferencing.

Video Conferencing Solutions are being leveraged to facilitate Work-from-Home for the staff along with important webinars and VCs by the CM and other administrative staff.

Plasma donor registration collaborated with DGR for testing and on boarding of portal/ software through COVA APP for registration of plasma volunteers.
The first manufacturer of PPE in Punjab was approved on 27 March 2020. As on date there are 141 PPE kit manufacturers approved by Government of India.

Make in Punjab - Punjab has 3 BIS and 1 DRDO approved N-95 mask manufacturers.
COVID-19 Trainings Given

1. Physical Training:
   - National ToT Batch on 6 March 2020
   - 110 Master Trainers on 9 March 2020
   - 6412 participants at the District Level
   - 23,797 participants at the Block Level
   - 227 Staff Members of Different Departments – Police, Social Security, Women and Child Development, Local Bodies and Agriculture

2. Online Training:
   - 6812 MOs, Dental Doctors, SNs, AYUSH Doctors, RMOs, Pharmacists, LTs, etc.
   - 343 NUHM Staff
   - 546 Labor Room and SNCU Staff
   - 125 House-Keeping and Sanitation Workers
   - 91 participants from Prisons Department
## COVID-19 Trainings Given

### Operation FATEH:
- Expert Group Trainings under the Chairmanship of Prof. K.K. Talwar, experts from AIIMS New Delhi, PGIMER Chandigarh, CMC and DMC Ludhiana
- 4409 participants trained as on 15 August 2020

### I-GOT Trainings:
- Integrated Government Online Training on DIKSHA app for capacity building of frontline workers
- Punjab placed at 2\textsuperscript{nd} position currently
- Course completed by 2,91,917 participants as on 14 August 2020
Emergency measures to combat Coronavirus menace. Punjab Cabinet approves notification to set up Flu Corners in all Govt and Pvt hospitals

On CM's directives, Finance Department released ₹296 crore on account of social security pensions to 24.70 lakh beneficiaries for Jan & Feb 2020

4 Committees to deal with Covid-19 management - Health Sector Response & Procurement; Lockdown Implementation; Media & Comm.; Agriculture & Food

Government of Punjab has released ₹150 Cr for relief works and ₹50 Cr for medical equipment

“COVA” mobile app launched to sensitize people about precautions from Novel Corona Virus

Punjab Govt. orders State-wide Lockdown. Section 144 imposed from March 23 to 31 to combat Covid-19 Pandemic

₹53.43 crore released to DCs to immediately tackle any exigency arising out of Covid-19 crisis

- **Mandi Board Comm.**
  - April 7
  - 30-member control room set-up at the Mandi Board for support during the ensuing wheat harvesting and marketing season, set to begin on April 15.

- **Exit Strategy TaskForce**
  - April 10
  - 15-member multi-disciplinary task force set up to formulate exit strategy for gradual relaxation of curfew/lockdown in Punjab, will submit report in 10 days.

- **Tackle Dom. Violence**
  - April 23
  - Punjab Police has formulated a detailed strategy to tackle such cases, with daily action taken reports to be submitted by the DSP for Crime Against Women (CAW).

- **Group of Experts**
  - April 25
  - Mr. Montek S. Ahluwalia heads 20-member expert group to formulate Punjab’s post-covid revival strategy. Initial report to be submitted on July 31.

- **Testing Capacity**
  - Punjab Govt. led by Chief Minister ramped up its testing capacity by 10 times with procurement of 5 RTPCR and 4 RNA extraction machines (with automation).

- **Procurement Infra**
  - Infrastructure of 3691 purchase centers including 153 main yards, 280 sub yards, 1434 purchase centers besides adding 1824 yards of rice mills created.

- **Telemedicine**
  - Telemedicine services in 300 Health and Wellness Centres to provide ‘Comprehensive Primary Health Services’ on door-steps of people in rural areas.)
Govt of Punjab imposed curfew in all 22 districts, however, essential facilities, including MNREGA works, allowed to continue/start

Compulsory institutional quarantine, for both positive and negative cases coming from other states

Govt of Punjab decides to provide subsidy up to 50% on purchase of machinery to help farmers to tackle the problem of labour scarcity amid COVID

Punjab Government has spent more than ₹6 Cr to fund movement of migrants to their states till now

State-wide Curfew

April 26

Compulsory Quarantine

April 30

Machinery Subsidy

May 5

Movement of Migrants

May 13

COVID Help Regn.

April 29

Child Rights in COVID

May 4

Compensation

May 10

Govt of Punjab appointed Vice-Chairperson and 4 Non-Official members of the State Commission for Protection of Child Rights

Grant of ex-gratia compensation (Rs. 50 lakhs) to the dependant members/legal heirs of employees, who die in harness while on Government duty

Online registration for people who want to return to Punjab from other states and countries - http://covidhelp.punjab.gov.in
Amid decline in daily count of new cases over past few days, Punjab Govt. announced replacement of strict curfew with lockdown till May 31.

During the country’s largest wheat procurement process, not a single case of Corona spreading through mandis in Punjab.

Punjab Govt. launches telemedicine venture between Cleveland Clinic USA & CMC Ludhiana. Cleveland Clinic to provide Physician-to-Physician video consultations.

Punjab Govt. assures that only those schools which are imparting online education will be allowed to charge tuition fee for lockdown period.

School Tuition Fees

Curfew replaced with Lockdown

No COVID-19 case during Procurement

Telemedicine Collaboration

Save Animals

Free vaccination to save animals from diseases such as Hemorrhagic septisemia (Ghal ghotu), swine fever and Black quarter (Patt soj).

Free Medicines for Co-morbidities

Punjab Govt. is providing free of cost medicines to the patients those are on treatment for hypertension and diabetes as advised by MOs and RMOs.

RTI Helpline

RTI helpline for prompt response to people’s RTI related queries launched. +91 172 2864100 to be operational from 10am-4pm, Monday-Friday.
Punjab Govt. decides to grant 180 days Maternity Leave to Government College Guest Faculty Lecturers

CDAC Mohali’s flagship integrated telemedicine solution implemented across the state. Gynaecology Services to start from 1st June

Punjab’s recovery at over 90% with only 143 active cases. Five districts, namely Sangrur, SAS Nagar, Ferozepur, Bathinda & Moga have 0 active cases.

The investments in IT/ITeS sectors in state have touched ₹605 Cr, which is approx. 65% higher than the investment figure of last financial year.

Punjab Govt. decided to extend the deadline to pay the outstanding house tax or property tax without any penalty till 30th June 2020.

Punjab Land Development and Financial Corporation has issued subsidy to the tune of ₹140.40 lakh for SC beneficiaries to help them recover from COVID crisis

Amid the success of PPE Manufacturers in Punjab, Govt. has requested all States to order from these units whenever needed at HLL rates
The COVID-19 Case Mortality Rate in Punjab is amongst the lowest at 1.3%, with majority of those fatalities resulting from co-morbidities.

Taking the state’s battle against COVID to the grassroots a month-long drive launched as part of Mission Fateh, to spread mass awareness about the pandemic.

Capital expenditure in essential sectors to be retained at Rs 5000 crore. No compromise on funding for all frontline departments.

Sewa Kendras resume operation

May 24

May 27

May 28

May 30

June 1

June 5

June 8

Rural Transformation Strategy

Employment Generation

Free COVID-19 Testing

Rs. 5,665 Cr Rural Transformation Strategy through funds convergence to generate employment and address COVID fallout in rural areas.

Ghar Ghar Rozgar & Karobar Mission initiated to facilitate employment for the benefit of both employers and prospective employees.

Punjab Govt to conduct free of cost RT-PCR testing for COVID-19 samples sent by empanelled private hospitals/clinics & private Labs.
New guidelines for curbs on weekends & gazetted holidays. No Inter-district movement except for e-pass holders on these days, only essentials shops to operate on all days of the week.

Punjab Cabinet approved comprehensive Public Grievance Redressal Policy to bring mechanisms of all departments under one umbrella within the ambit of Digital Punjab.

Stringent containment strategy under which 19 containment zones have been established in 8 districts containing population of about 25000, so far.

Revenue Department has allocated ₹300 Cr to various departments & DCs.

Punjab Cabinet approved the Right to Business Rules, 2020 for setting up MSME units on fast track.


ICMR has given approval to the Government Medical College, Amritsar to treat the patients of COVID-19 with plasma therapy.
Punjab has constituted District Technical Committees headed by Civil Surgeon to take the immediate decisions at district level regarding COVID-19.

Campaign launched to provide online education to students during the pandemic. Further, an initiative launched to educate children through animation videos.

Rapid Antigen testing has initiated in 5 Districts in Punjab where 2365 rapid antigen tests conducted so far, 197 have been found positive & 2168 tested negative.

July 3
Punjab to start pilot project for rapid antigen testing.

July 8
District Technical Committees

July 7
Expert Advisory Committees

Two ‘Expert Advisory Committees’ under the overall guidance of Advisor, Health & Medical Education & Research Dr. KK Talwar to augment COVID care strategy.

July 16
Private Hospital Treatment Rates

Covid treatment rates of private hospitals finalised by Dr KK Talwar committee & approved by CM for mild, moderate, severe, very severe cases, inclusive of #PPE cost.

July 17
School Education

Campaign launched to provide online education to students during the pandemic. Further, an initiative launched to educate children through animation videos.

July 17
Labour Rooms in District Hospitals

The Health & Family Welfare Department has set up separate Labour rooms in all district hospitals for the deliveries of pregnant women reported positive.

July 20
Rapid Antigen Testing

Rapid Antigen testing has initiated in 5 Districts in Punjab where 2365 rapid antigen tests conducted so far, 197 have been found positive & 2168 tested negative.

- **Skill Development**: PSDM launched two online skill development programmes to meet challenges in the employment sector due to COVID-19. (July 21)

- **Automatic RNA Extraction**: 7 new automatic RNA extraction machines to be procured for viral testing labs at 3 Govt Medical Colleges in Patiala, Amritsar & Faridkot. (July 22)

- **Guidelines for Shooting Films/Music Videos**: Detailed guidelines for shooting of films/music videos during Unlock-2 period in state, with restriction of 50 persons at the shooting venue. (July 23)

- **Enforcement of COVID Protocols in Buses**: A special drive across the state to enforce COVID-19 related protocols in buses launched by Transport Department & Sub Divisional Magistrates. (July 28)

- **Plasma Bank**: Medical Education and Research, Minister, Punjab Mr. O. P. Soni inaugurated state’s first plasma bank at Government Medical College/Rajindra Hospital, Patiala. (July 21)

- **Stricter Enforcement of Home Isolation**: COVID-19 patients violating home isolation in Punjab will have to shell out ₹5000 as fine, as per the new guidelines. (July 23)

- **Encouragement of Investment**: To encourage investment in the state amid the COVID pandemic, relaxations for industry issued, including the extension of validity of statutory clearances without inspection. (July 24)

In order to impart quality health treatment to every positive patient, Punjab has deputed 22 IAS, IFS and PCS Officers as COVID Patient Tracking Officers (CPTOs).

Dept. of Health & Family Welfare, Punjab has tied up with Dept. of Governance Reforms to communicate results to persons via SMS through COVA platform.

Health & Family Welfare Department imparted special training to 70 Gynaecologist for providing tele-medicine consultations to pregnant women.

About 53,000 Anganwari workers and helpers across state are playing leading role in 'Mission Fateh', awareness campaign on Corona Prevention initiated by Punjab Government.

COVID Patient Tracking Officers

Test Results via SMS

Pregnant Women and COVID-19

Anganwadi Workers and COVID-19

Free of Cost Plasma

Directions to Private Hospitals

SHGs and COVID-19

Plasma to be provided free of cost by Punjab Government to all COVID-19 patients in need,

Punjab has directed all Private Hospitals/Nursing Home/ Clinics for tertiary care (HDU & ICU) under Epidemic Disease Act 1897 (COVID-19 Regulation 2020).

6 lakh masks prepared through SHGs & 10 lakh more to be made. SHGs get ₹30 lakh for making masks and will get additional ₹50 lakh.
The Group of Experts chaired by Mr. Montek Singh Ahluwalia has submitted the first draft of its Report on Post-COVID Economic Strategy on time.

Punjab has set up 4 new viral testing labs to enhance total daily testing capacity of 4000 tests during September 2020 with 1000 tests per day per lab in state.

To ensure efficacious functioning & seamless coordination amid COVID-19, Punjab Mandi Board launched in-house Video Conferencing Mobile App ‘QVIC’.

ITI and COVID-19

Punjab ITI students have made remarkable contribution in fight against #COVID19 under Mission Fateh in state by making 17 lac masks.

Volunteers of Youth Service Department

76,381 volunteers of Youth Services Department are sensitizing people of villages and towns every fortnight about precautionary measures against the deadly disease.

Smartphones for Digital

Scheme launched for distribution of smartphones to youth as some of these youth were facing pressing problems in accessing online education content during COVID. crisis.
Thank You