

Impact on Routine Vaccination Services in the era of COVID-19: Round 1

Survey Round 1

Start of Survey

Introduction Impact on Routine Vaccination Services in the era of COVID-19 Nations all over the world are implementing measures to mitigate the spread of the COVID-19 pandemic. While the global scientific community is making concerted efforts to come up with a vaccine that can prevent or limit the spread the infection, we are examining existing immunization systems that have played a crucial role in preventing millions of vaccine-preventable deaths.

We would like to assess the impact of control measures implemented nationally on routine vaccination services. This survey has 15 questions and should take less than 10 minutes of your time. The data will be anonymized and will not be attached to your institution or organization.

We are grateful to you for your help and for coming together to protect our essential health services!

1. a) To help us interpret your responses, please tell us about yourself:

Institution/Organization (1)

Title/Position (2)

Location (City/Town) (3)

Location (State) (10)

Country (9)

1. b) Please describe your institution/ organization type:

- Public (1)
- Private (2)
-

1. c) Please describe your location type:

- Urban (1)
- Rural (2)
-

2. What is your primary area of work?

- Physician/medical officer (1)
- Other health worker (2)
- Scientist/Researcher (3)
- Public policy worker/officer (4)
- ANM or Community Health Worker (CHW) (5)
- Other, specify: (6) _____
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3. Where do people in your catchment area come from for vaccinations. Please select all that apply.

- Tertiary Hospital (1)
- Secondary-level hospital (district hospital/nursing home) (2)
- Primary health care center (urban) (3)
- Primary health care center (rural) (4)
- Private clinic (urban) (5)
- Tenement housing (slums) or marginalized communities (7)
- Other (specify): (6) _____
-

4. How involved are you in vaccination services at your clinic/hospital? Please select all that apply.

- Provide vaccination services on a daily/routine basis (1)
- Involved in special campaigns of vaccinations (2)
- Involved in oversight of vaccination services (3)
- Not directly involved but services are routinely available at my healthcare facility (4)
- Not routinely involved in vaccination services (5)
- Other (specify): (6) _____
-

5. Do you provide vaccinations in your clinic/institution/healthcare center?

- Yes (1)
- No (2)

Display This Question:

If Do you provide vaccinations in your clinic/institution/healthcare center? = Yes

5a. Do you see a similar number of children under 5 years receiving vaccinations across all months of the year (i.e. little variability in average numbers)?

- Yes (1)
- No, the number of children vaccinated varies every month (2)

Display This Question:

If Do you see a similar number of children under 5 years receiving vaccinations across all months of... = Yes

5b. How many children under 5 years are typically given vaccinations where you provide care per month? Please enter average number of children vaccinated per month)

Display This Question:

If Do you see a similar number of children under 5 years receiving vaccinations across all months of... = No, the number of children vaccinated varies every month

5c. Please provide estimates for how many children under 5 years are typically given vaccinations where you provide care per month. Please enter estimated number vaccinated in your clinic/ institution / healthcare center.

	Fewer than 10 (1)	10 to 49 (2)	50 to 99 (3)	100 to 499 (4)	500 or more (5)
January (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
February (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
March (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
April (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
May (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
June (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
July (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
August (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
September (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
October (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
November (11)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
December (12)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. Have vaccination services been suspended in your clinic/institution/healthcare center?

- Yes (1)
- No (2)

Display This Question:

If Have vaccination services been suspended in your clinic/institution/healthcare center? = Yes

6a. Have vaccination services been FULLY or PARTIALLY suspended where you typically provide care?

- Fully suspended (please add description) (1)

- Partially suspended (please add description) (2)

Display This Question:

If Have vaccination services been suspended in your clinic/institution/healthcare center? = Yes

6b. Since when have vaccination services in your area been fully or partially suspended?

- Prior to lockdown (specify if possible) (1)

- 25 March 2020 (day of lockdown) (2)
- After lockdown (specify if possible) (3)

Display This Question:

If Have vaccination services been suspended in your clinic/institution/healthcare center? = No

6c. If your clinic is open, are you seeing the same number of patients as before?

- Yes (1)
- No, we see between 99% - 80% of the previous patient volume (2)
- No, we see between 79% - 50% of the previous patient volume (3)
- No, we see less than 50% of the previous patient volume (4)
- Other, specify: (7) _____

Display This Question:

If Have vaccination services been suspended in your clinic/institution/healthcare center? = No

6d. Why do you think fewer people are seeking vaccinations, even though vaccination services are available? Select all that apply.

- Parents are unaware that vaccination services are still available (4)
- Parents are not coming to health clinics, unless there is an emergency (7)
- Parents are unable to travel to clinic due to transportation barriers (8)
- Parents are afraid of contracting COVID-19 in a clinic setting (9)
- Other, specify: (10) _____

7. After the lockdown is lifted, how long do you think it will take your clinic/hospital to resume vaccination services:

	Up to 50% Capacity (1)	Up to 100% Capacity (8)
Immediately (1)	<input type="radio"/>	<input type="radio"/>
2-4 Weeks (2)	<input type="radio"/>	<input type="radio"/>
1-3 Months (9)	<input type="radio"/>	<input type="radio"/>
3-6 Months (10)	<input type="radio"/>	<input type="radio"/>
More than 6 Months (11)	<input type="radio"/>	<input type="radio"/>

8. To your knowledge, in your city/town/district have other vaccination services been suspended in:

Private clinics (1)	▼ Yes (1) ... No (2)
Public clinics/hospitals (2)	▼ Yes (1) ... No (2)

9. To your knowledge, are there fewer vaccines or vaccine supplies available in your institution/clinic?

- Yes (1)
- No (2)
- I don't know (3)
- Other, specify: (4) _____

10. Have the following services been suspended:

	Yes (1)	No (2)	I Don't Know (3)
Polio Vaccine Campaigns (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Measles and Rubella vaccine Campaigns (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11. In your service catchment area, has payment to any of your healthcare colleagues/staff/community health care workers been affected?

- No impact – all staff still receiving payment (1)
- Receiving reduced payment (specify who is impacted and why their payment has been reduced) (2)
- Receiving no payment (specify who is impacted and why their payment has been reduced) (3)
- Other (specify) (4)

12. Is there a plan in place for catch up vaccination services after the lockdown is lifted?

- Yes (specify) (1) _____
- No (2)
- I do not know (3)

13. How do you think this lockdown will affect long-term health for children (select all that apply)?

- No impact (1)
- Reduced vaccination coverage that is temporary (2)
- Reduced vaccination coverage leading to vaccine-preventable disease outbreaks (3)
- Reduced health services leading to non-COVID-19 related morbidity and deaths (4)
- Other (specify) (5) _____
-

14. How do you think vaccination services could have been continued during the lockdown period?

15. Do you have any other remarks on the impact of COVID-19 on routine immunization that you would like to share?

16. Thank you very much for your feedback and time! If you are interested in receiving a report back, please leave your email here:

End of Survey

Impact on Routine Vaccination Services in the era of COVID-19: Round 2

Survey 2

Start of Survey

Impact on Routine Vaccination Services in the era of COVID-19: Round 2

Nations all over the world are implementing measures to mitigate the spread of the COVID-19 pandemic. While the global scientific community is making concerted efforts to come up with a vaccine that can prevent or limit the spread the infection, we are examining existing immunization systems that have played a crucial role in preventing millions of vaccine-preventable deaths.

Johns Hopkins University and the Indian Academy of Pediatrics are collaborating to assess the long-term impact of the pandemic on routine vaccination services. This is a quick survey and should only take you approximately 10 minutes. The data will be anonymized and will not be attached to your institution or organization.

We are grateful to you for your help and for coming together to protect our essential health services!

1. To help us interpret your responses, please tell us about yourself:

- Institution/Organization (1)
 - Title/Position (2)
 - Location (City/Town) (3)
 - Location (State) (4)
-

2. (i) Please describe your institution/organization type

- Public, Specify (Clinic or Hospital): (1)
- Private, Specify (Clinic or Hospital): (2)
- Other, Specify: (3) _____
-

2. (ii) Please describe your location type:

- Urban (1)
- Rural (2)
- Semi-urban (3)
-

3. What is your primary area of work?

- Pediatrician (1)
- Other Physician /medical officer (2)
- Scientist/Researcher (3)
- Public policy worker/officer (4)
- Other, Specify: (5) _____
-

4. Did you participate in the survey of Impact on Routine Vaccination Services in the era of COVID-19 Round 1, which was circulated on 5 May 2020 by the Indian Academy of Pediatrics?

- Yes (1)
- No (2)

5. Did you provide vaccinations in your clinic / institution / healthcare center?

Yes (1)

No (2)

6. (i) How involved were you in vaccination services at your clinic/hospital, prior to the months of March/April 2020? (Please mark all that apply)

Provide vaccination services on a daily/routine basis (1)

Involved in oversight of vaccination services (3)

Not directly involved but services are routinely available at my healthcare facility (4)

Not routinely involved in vaccination services (5)

Other, Specify: (6) _____

6. (ii) Are you involved in special campaigns of vaccinations?

Yes (1)

No (2)

7. Compared to the early months of the pandemic, how did your involvement with vaccination services CHANGE during the months of July/August 2020?

- I am providing a greater number of vaccinations (1)
 - I am providing the same number of vaccinations (2)
 - I am providing vaccinations less frequently (3)
 - I am not providing vaccinations currently (4)
-

8. During the months of July/August 2020, did you see the same number of patients coming in for vaccination services, as prior to the COVID-19 pandemic?

- Yes (1)
 - No, we saw between 99% - 80% of the previous patient volume for vaccinations (2)
 - No, we saw between 79% - 50% of the previous patient volume for vaccinations (3)
 - No, we saw between 25-50% of the previous patient volume for vaccinations (4)
 - No, we saw less than 25% of the previous patient volume for vaccinations (5)
 - Other, specify: (6) _____
-

9. Please select any access barriers for vaccination services during the months of July/August 2020: (Please mark all that apply)

- None (1)
 - Local policies for sustaining vaccination services were not available or enforced (2)
 - Limited availability of vaccine(s) or vaccine-related supplies (e.g., syringes) (3)
 - Low availability of healthcare workers (4)
 - Healthcare workers are prioritizing other health issues (5)
 - Low availability of personal protection equipment (PPE) for healthcare workers (6)
 - Financial constraints in the provision of vaccination services (7)
 - Other, Specify: (8) _____
-

10. Please select any demand-side barriers for accessing vaccination services during the months of July/August 2020: (Please mark all that apply)

- None (1)
- Caregivers are not able to safely use transportation to get the clinic (2)
- Caregivers are uncertain about coming for vaccination services because they are unaware if vaccinations are available (3)
- Caregivers are afraid of contracting COVID-19 in a clinic setting (4)
- Financial barriers and difficulty to pay for services (5)
- Concerns on vaccination safety and effectiveness in the time of the pandemic (6)
- Other, Specify: (7) _____
-

11. Has your state/district started to plan activities to vaccinate children who may have missed their routine vaccines due to the pandemic?

- Yes (1)
- No (2)
- Don't know (3)
- Other, Specify: (4) _____
-

12. Have you begun to provide catch-up vaccinations to children who have missed their routine vaccinations due to the pandemic?

- Yes (1)
- No, Specify why: (2) _____

13. Which of the following strategies have been implemented to increase vaccine uptake during the months of July/August?

- Increased hours for vaccinations, Specify details: (1)

- Having special and distinct hours for vaccination, Specify details: (2)

- SMS / text messaging campaigns, Specify details: (3)

- Calls to caregivers who have missed vaccinations, Specify details: (4)

- Outdoor vaccination camps, Specify details: (5)

- Door-to door vaccination outreach, Specify details: (6)

- Novel and cost-effective ways of providing adequate PPE, Specify details: (7)

- Providing vaccines in special settings (e.g. bazaar) or common places of social gathering and incorporating social distancing measures, Specify details: (8)

- None, Specify details: (9) _____
- Other, Specify: (10) _____
-

14. How do you think the lockdown has impacted long-term health for children (select all that apply)?

- No impact (1)
- Temporary reduction in vaccination coverage and missed doses for children (2)
- Reduced vaccination coverage leading to vaccine-preventable disease outbreaks (3)
- Reduced health services leading to non-COVID-19-related morbidity and deaths (4)
- Increased malnutrition among children (5)
- Other, Specify: (6) _____
-

15. Have you received any guidelines on safe vaccination practices in the era of the pandemic?

- Yes, National Guidelines (1)
- Yes, State Guidelines (2)
- Yes, Guidelines from the Indian Academy of Pediatrics (IAP) (3)
- We put together our own institutional guidelines based on international guidelines (4)
- No (5)
- Other, Specify: (6) _____
-

16. Have you been able to incorporate these guidelines in your practice?

- Yes, Specify: (1) _____
- No, Specify: (2) _____

17. Have you seen an increase in misinformation (through digital media, mainstream media, community rumors) related to routine immunization since the start of the pandemic?

Yes, Specify: (1) _____

No, Specify: (2) _____

18. Do you have any other remarks on the impact of COVID-19 on routine immunization you would like to share? (optional)

19. Thank you very much for your feedback and time! If you are interested in receiving a report back, please leave your email here:

End of Survey
