

HPV Prevention and Control Board

Impact of COVID-19 on Cervical Cancer Screening,  
Treatment and Vaccination  
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# Current Situation of HPV Vaccination Programs in the Americas

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# Outline

- ✓ Background
- ✓ HPV vaccine Introduction and coverage
- ✓ Impact of COVID-19 on Immunization Programs
- ✓ PAHO technical cooperation



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# Background

- ❖ WHO 2017: Latin America and the Caribbean (LAC) have a cervical cancer prevalence of **16.1%, the second-highest prevalence for women** after Sub-Saharan Africa (24%).
- ❖ In the Region of the Americas, each year, approximately **83,000 women** are newly diagnosed with cervical cancer and more than **34,000 women die from the disease**. Over half of these women are under 60 years old.

# HPV Vaccine Introduction in the American Region.

## Caribe

1. Anguilla (2016)
2. Antigua y Barbuda (2018)
3. Aruba (2014)
4. Bahamas (2015)
5. Barbados (2014)
6. Bermuda (2007)
7. Bonaire (2015)
8. Dominica (2019)
9. Granada (2019)
10. Guadalupe (2008)
11. Islas Caimanes (2009)
12. Islas Turcas y Caicos (2019)
13. Islas Vírgenes Británicas (2019)
14. Jamaica (2017)
15. Monserrat (2017)
16. Puerto Rico (2006)
17. Saba (2013)
18. San Martín (2013)
19. St. Lucía (2019)
20. San Eustaquio (2013)
21. San Kitts y Nevis (2019)
22. San Vicente y Granadinas (2017)
23. Trinidad y Tobago (2012)

## 43 and countries and territories

## Américas

1. Argentina (2011)
2. Belice (2016)
3. Bolivia (2017)
4. Brasil (2014)
5. Canadá (2007-2009)
6. Chile (2014)
7. Colombia (2012)
8. Costa Rica (2019)
9. Ecuador (2014)
10. Estados Unidos (2006)
11. Guatemala (2018)
12. Guyana (2012 la mitad; 2017 todo el país)
13. Honduras (2016)
14. México (2012)
15. Panamá (2008)
16. Paraguay (2013)
17. Perú (2015)
18. República Dominicana (2017)
19. Surinam (2013)
20. Uruguay (2013)



With HPV vaccine

Without HPV vaccine

Source: PAHO/WHO UNICEF - JRF



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## HPV Vaccination In the America Region



- **90% of girls in the Region live in countries where the HPV vaccine has already been introduced into the national schedule.**
- **The most commonly used vaccine is the quadrivalent vaccine.**
- **HPV vaccines are included in PAHO's Revolving Fund, enabling bulk purchase at one unique price for all countries in the Americas- U\$ 9,98 per dose.**
- **2019 - 14 countries reported neutral gender vaccination :** Antigua and Barbuda, Argentina, Barbados, Bermuda, Brazil, Canada, Chile, Dominica, United States, Monserrat, Panama, Puerto Rico, San Kitts and Nevis, Trinidad and Tobago (Joint Form for PAHO-WHO/UNICEF Notification - JRF, 2019 and Country Information).



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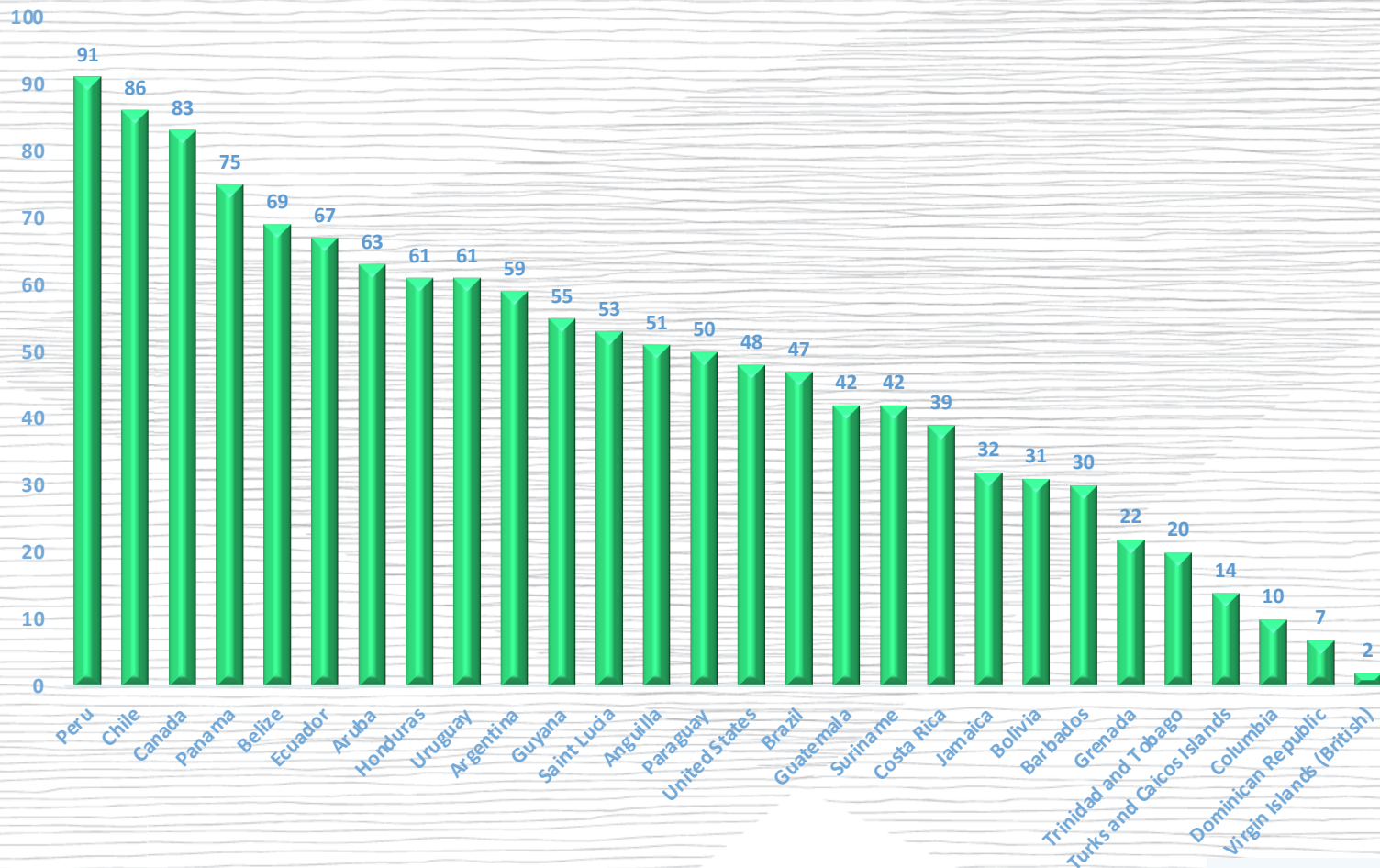


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## HPV Vaccine Coverage for Girls, Region of the Americas, 2019



Source: Countries report to JRF



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# Impact of COVID-19 Pandemic on Immunization Programs.

- The impact of the ongoing pandemic of coronavirus-19 on immunization routine and campaigns in Latin America and Caribbean countries is worrying.
- Healthcare services are stressed and directed to other priorities
- Parents are not bringing their children to health care centers -social distancing recommendations
- Flight cancellations, closing borders, have severely constrained access to vaccines.
- Vaccination campaigns were suspended (Measles and Rubella- mostly)
- Lockdown for long periods in most of the countries

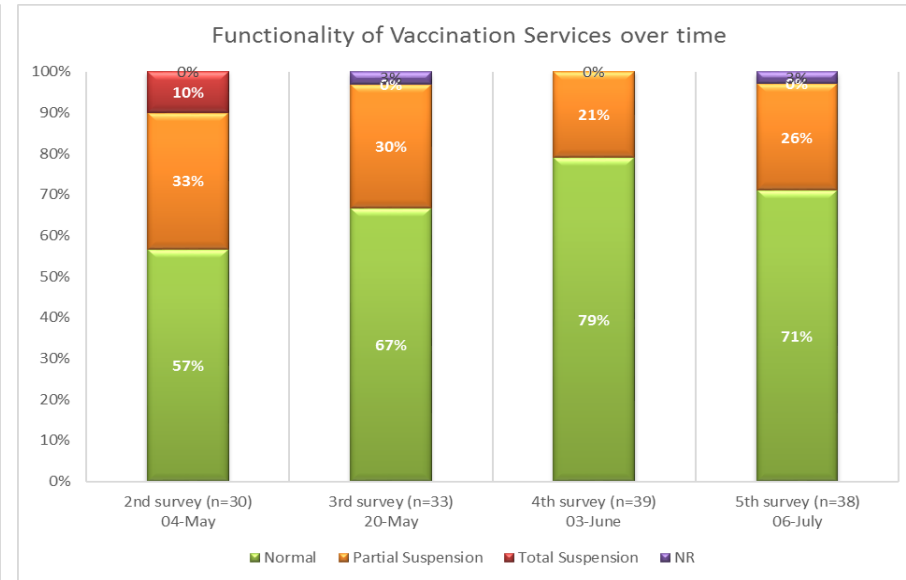
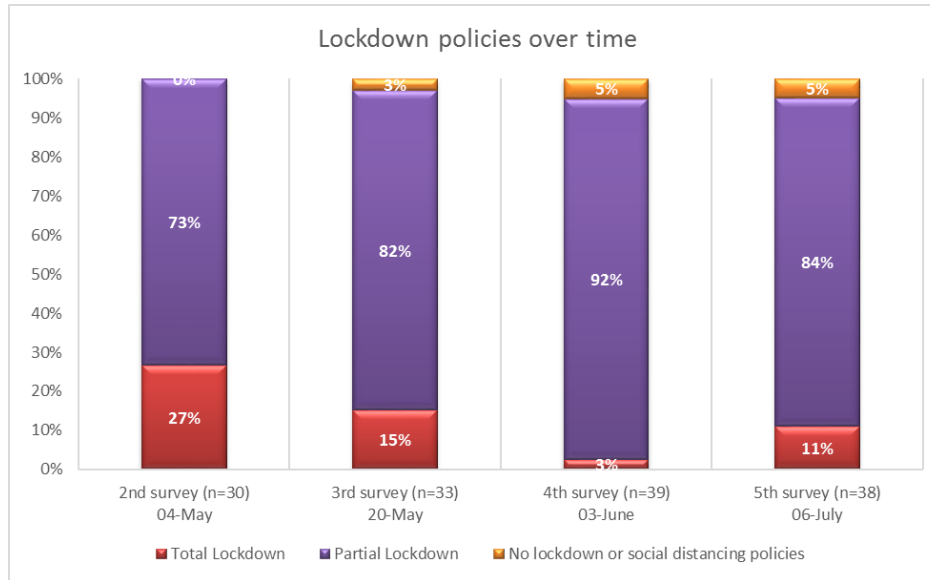


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# Surveys on Immunization Programs, Latin America, 2020.



5<sup>th</sup> and latest survey: 23 countries in the Caribbean Sub region & 16 countries in Latin America

# Impact of COVID-19 Pandemic on Immunization Programs- HPV vaccination.

HPV vaccination school based is the most effective strategy in LAC



Schools closed and other factors led to



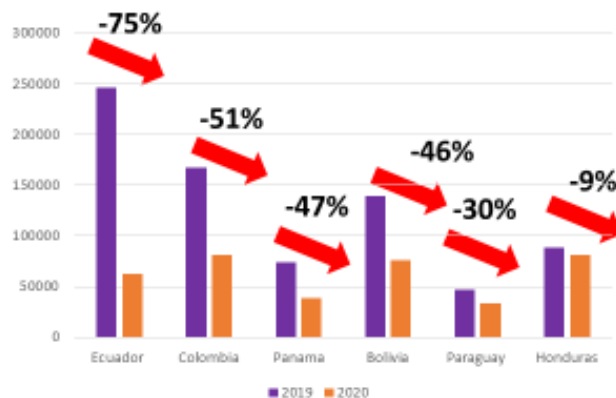
huge negative impact on the HPV vaccination coverage 2020

2021: countries must plan activities to vaccinate the cohorts from 2020 and 2021 using innovative strategies, considering the introduction of COVID-19 vaccine



# Doses administered of HPV vaccine, selected countries, Ago 2019-Ago 2020.

	2019	2020	%
Ecuador	246450	62254	-75%
Colombia	167296	81485	-51%
Panama	74047	39053	-47%
Bolivia	139167	75755	-46%
Paraguay	47213	33061	-30%
Honduras	88704	80900	-9%



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# INNOVATIVE VACCINATION STRATEGIES DURING COVID-19 PANDEMIC.

- Influenza vaccination: Phased approach for high-risk groups vaccination (starting with elderly and HCWs)
- Vaccination in mobile teams
- Drive-through vaccination
- Vaccination by appointment
- Vaccination of essential personnel such as police and military



# PAHO/WHO RECOMMENDATIONS FOR MAINTAINING IMMUNIZATION AS AN ESSENTIAL HEALTH SERVICE.

March

April

Sept

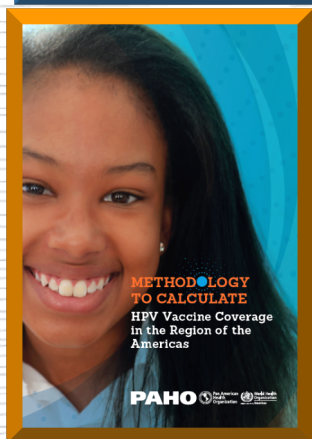
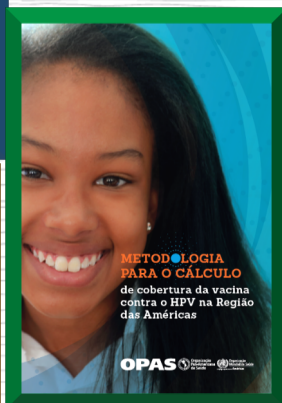
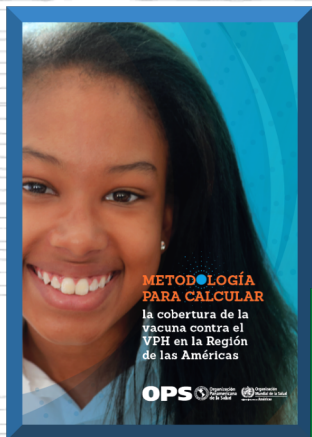
- “WHO Guidelines to help countries maintain essential health services during the COVID-19 pandemic”
- “GPEI Polio Eradication in the context of the COVID-19 pandemic”
- “WHO Guiding principles for immunization activities during the COVID-19 pandemic”

- “PAHO vaccination of the newborn in the context of the COVID-19 pandemic”
- “PAHO The Immunization Program in the Context of the COVID-19 Pandemic –V2 April 2020”
- “PAHO immunization throughout the life course at the primary care level in the context of the COVID-19 pandemic”
- “WHO IM during COVID-19 - Frequently Asked Questions (FAQ)”

- PAHO TAG recommendations for strengthening immunization in the context of the COVID-19 and preparation for COVID-19 vaccine introduction
- PAHO FAQs on COVID-19 vaccines and the COVAX Facility
- “PAHO Guidance for resuming IM activities and coverage recovery”

<https://www.paho.org/en/topics/immunization>

# PAHO Technical Cooperation: Immunization Program and Cervical Cancer Program.



- **Regional Meetings:** HPV Vaccination towards Cervical Cancer Elimination
- **Vaccine coverage calculation guide**
- **Cost-effectiveness model** has been developed by PAHO's ProVac Initiative to support decision making about HPV vaccine introduction and strategies to strengthen cervical cancer screening
- HPV Vaccine Impact Measurement Document: PAHO/ICO/WHO (in progress)
- Support to countries in **introduction plans and rumors/crisis situations by AEFI**
- **ECHO Latin America (ELA) Project:** A monthly teleconference program to exchange information on cervical cancer programs (WHO/PAHO and the University of Texas MD Anderson Cancer Center, together with the National Cancer Institute of the United States)

<https://www.paho.org/es/temas/cancer-cervicouterino>

# DON'T LET CERVICAL CANCER STOP YOU!

GET  
VACCINATED

GET  
SCREENED



## IT'S TIME TO END CERVICAL CANCER



[WWW.PAHO.ORG/FIN-CANCER-CERVICAL](http://WWW.PAHO.ORG/FIN-CANCER-CERVICAL)

Thank you  
for your  
attention !



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