

# HPV vaccination programs – regional overview

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## Progress and trends in HPV vaccination in the African Region

- Global Cervical Cancer Elimination Strategy – urgency of HPV vaccination
- HPV vaccine introduction in Africa
- Performance of HPV vaccination in Africa

2020

# Global Strategy towards the Elimination of Cervical Cancer

**VISION:** A world without cervical cancer

**THRESHOLD:** All countries to reach < 4 cases 100,000 women years

## 2030 CONTROL TARGETS

**90%**

of girls fully vaccinated with HPV vaccine by 15 years of age

**70%**

of women screened with high precision tests at 35 and 45 years of age

**90%**

of women identified with cervical disease receive treatment and care

**SDG 2030:** Target 3.4 – 30% reduction in mortality from cervical cancer

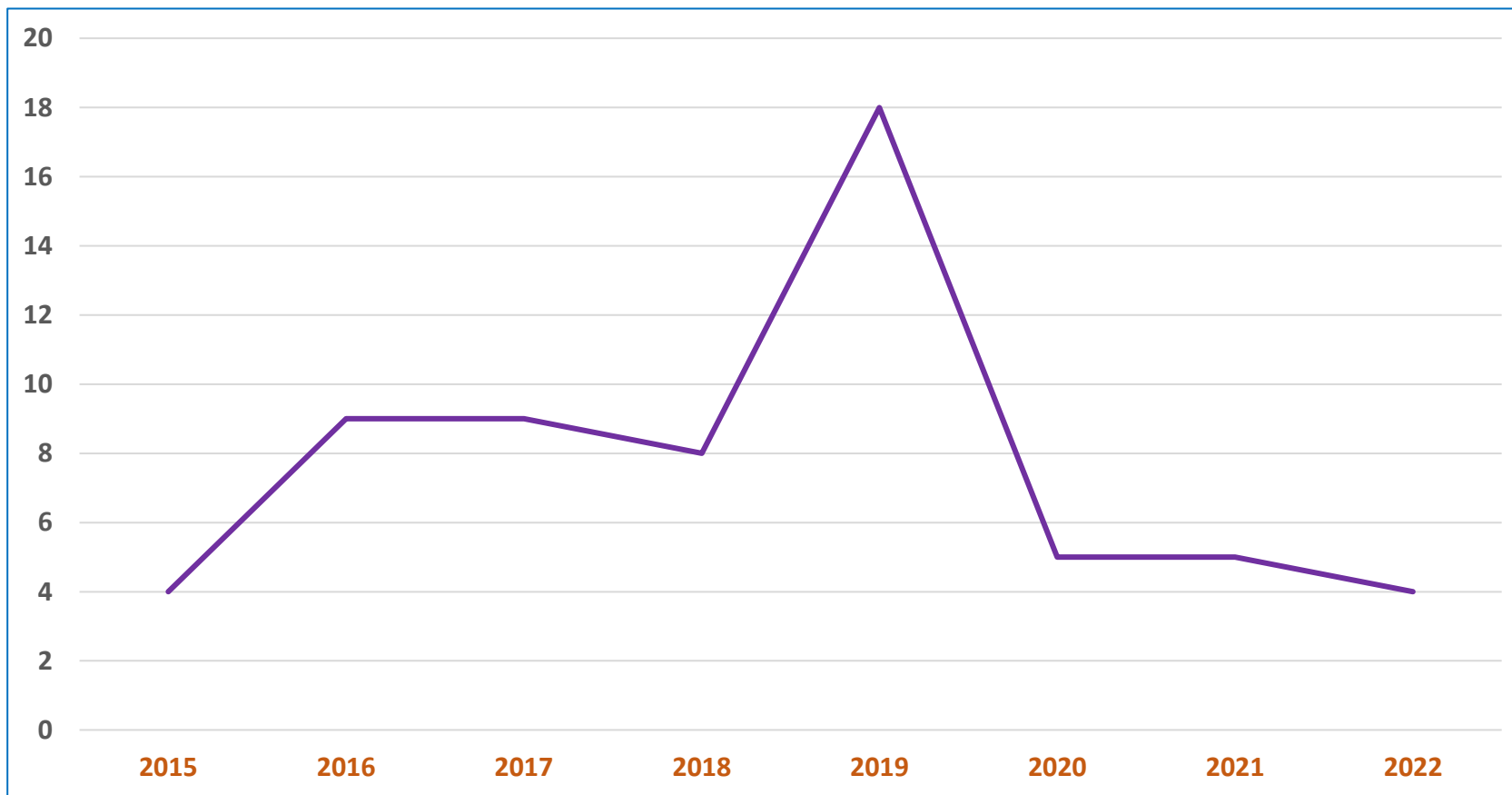
# HPV vaccines

Introduction in RI  
&

Programme performance  
HPV coverage



# Pace of new HPV vaccine introductions



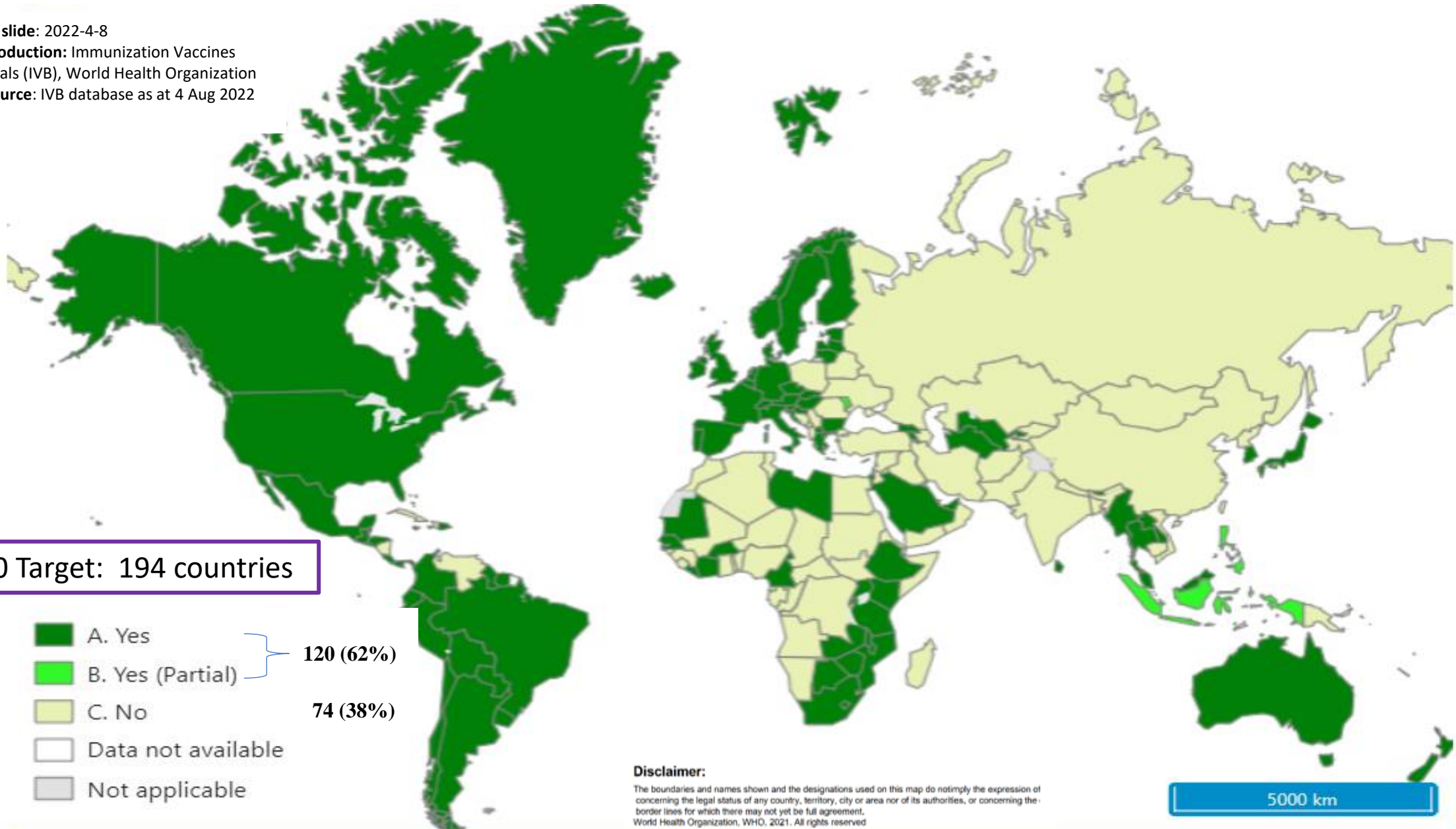
- High demand and approvals 2015-17
- Global vaccine shortage
- COVID-19 pandemic:
  - *De-prioritization of HPV vaccine*
  - *School closures*
  - *COVID-19 Vaccination*

# Countries with HPV vaccine in the national immunization programme

Date of slide: 2022-4-8

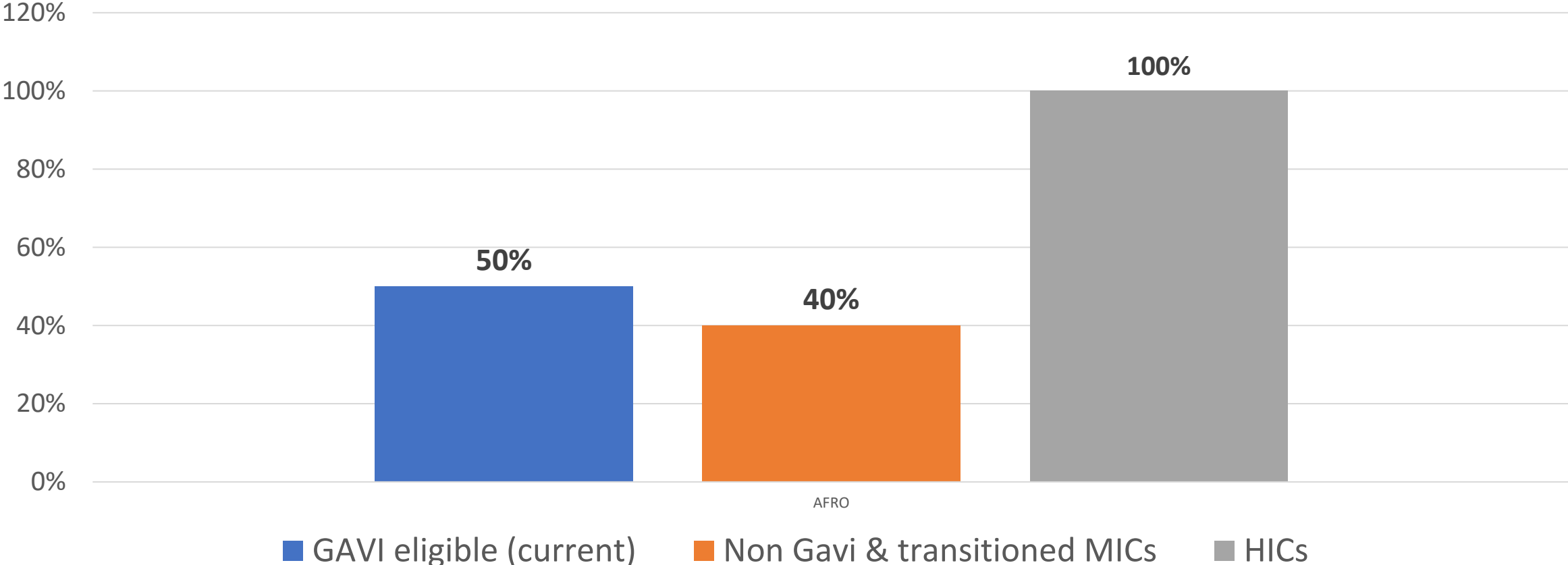
Map production: Immunization Vaccines  
Biologicals (IVB), World Health Organization

Data Source: IVB database as at 4 Aug 2022

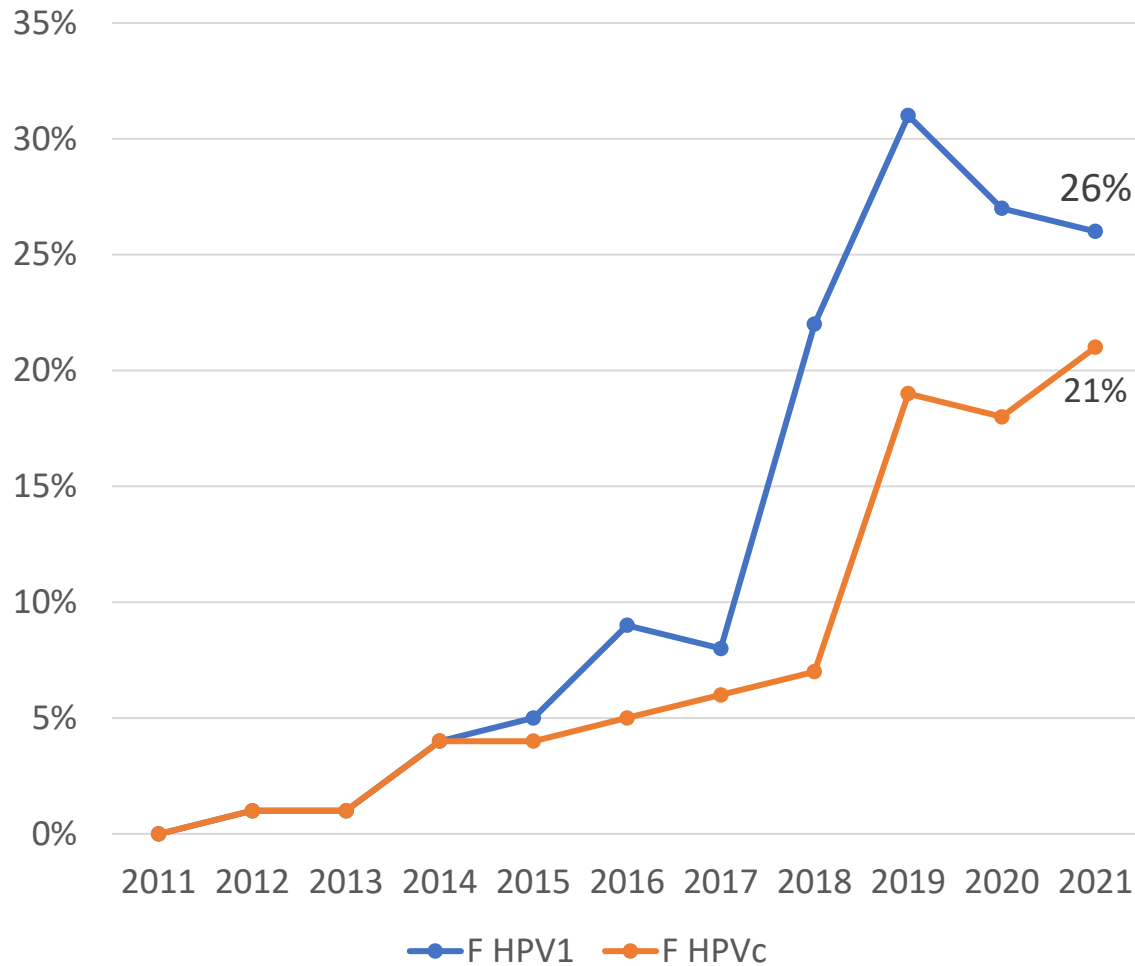


# HPV vaccine introductions advancing most rapidly in Gavi eligible countries

% of countries in African Region with HPV vaccine in schedule by Gavi status & income group



## Trend in population adjusted coverage in African



*Meaning of this indicator:* “% of all girls (15 yr) in all countries in Africa that had access to and actually received the HPV vaccine”

## HPV1 Programme coverage in 2019-21

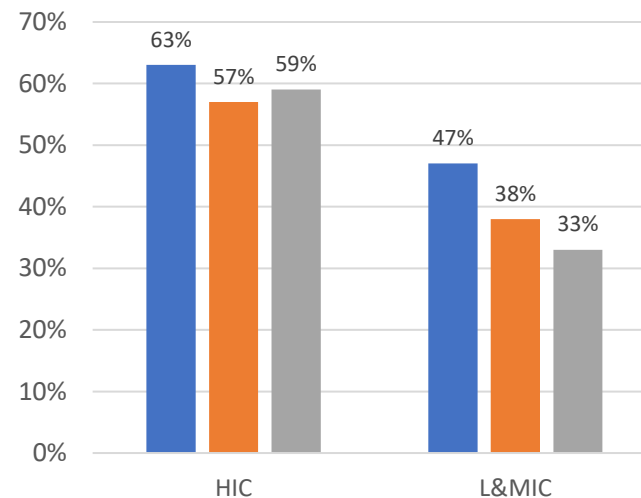
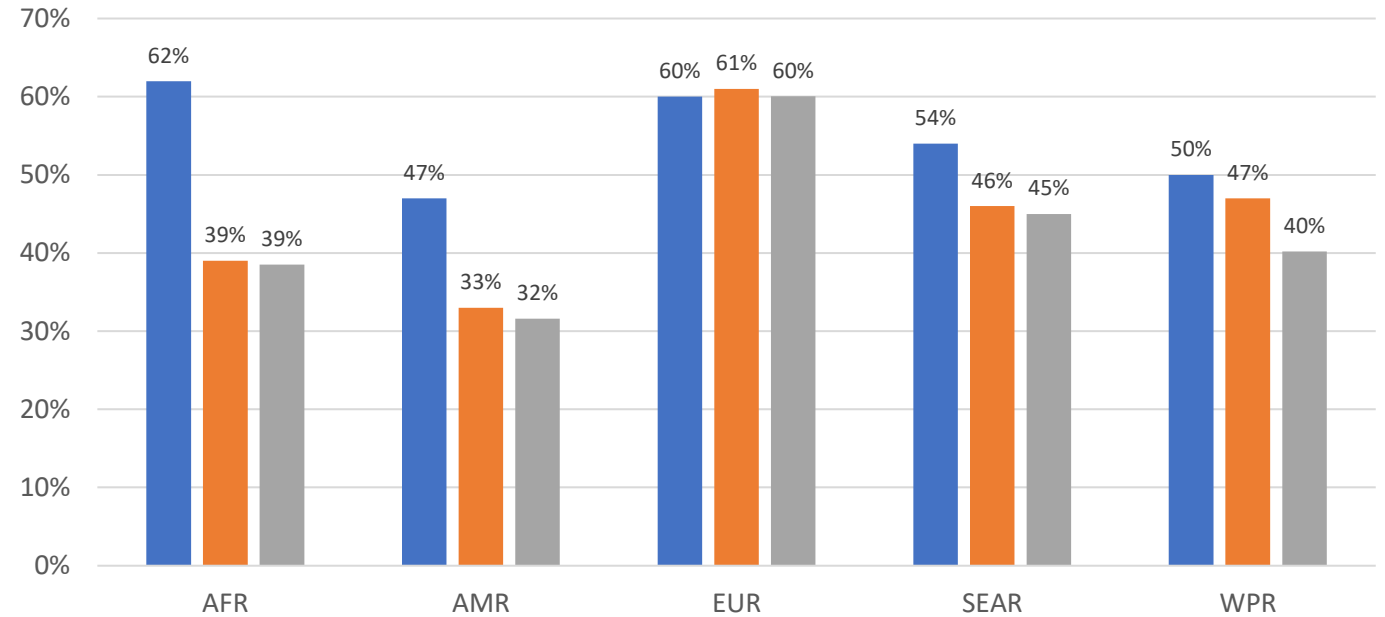
Country name	2019	2020	2021
Ethiopia	94%	95%	86%
Seychelles	96%	97%	84%
Tanzania	78%	82%	73%
Mauritius	84%	82%	78%
Kenya	25%	33%	29%
Liberia	14%	42%	43%
Côte d'Ivoire	6%	67%	34%
Rwanda	97%	89%	78%
Uganda	99%	74%	75%
Gambia	68%	No Data	34%
Malawi	88%	84%	14%
Senegal	86%	45%	39%
South Africa	69%	3%	37%
Zambia	99%	75%	45%
Zimbabwe	91%	No Data	67%
Botswana	87%	55%	No Data
Cameroon	Not introduced	5%	20%
Cabo Verde	Not introduced	Not introduced	90%
Sao Tomé	Not introduced	Not introduced	No Data
Mozambique	Not introduced	Not introduced	57%
Mauritania	Not introduced	Not introduced	39%





# In LMIC, HPV programme coverage continues to backslide

	2019	2020	2021
<b>Global</b>	<b>54%</b>	<b>45%</b>	<b>44%</b>
Region	2019	2020	2021
<b>AFR</b>	<b>62%</b>	<b>39%</b>	<b>39%</b>
AMR	47%	33%	32%
EUR	60%	61%	60%
SEAR	54%	46%	45%
WPR	50%	47%	40%
Income Level	2019	2020	2021
HIC	63%	57%	59%
LMIC	47%	38%	33%
GAVI eligibility	2019	2020	2021
Non-GAVI	53%	44%	44%
GAVI	64%	47%	42%



Mean programme coverage in **HPVc**

2019 2020 2021

# AFR Countries with HPV vaccine Multi-age Cohort

- 5 countries introduced with MACs – Gambia, Cabo Verde, STP, Zimbabwe + Rwanda
- Lesotho and Cabo Verde introduced in 2022
- 2 other countries (Sierra Leone and Eritrea projected for 2022)
- 3 countries projected for 2023/24 – Nigeria, Togo, Mali

Country	GAVI eligible country (2016)	Year of introduction in entire country	Girls 10 yr Cohort size 2017	MAC cohorts size 10-14	MAC status
Botswana	No	2015	22,763	113,815	No
Burkina Faso	Yes	2022	269,106	1,345,530	>>2023-24
Cabo Verde	No	2018	5,465	27,325	in progress
Cameroon	Yes	2020	322,802	1,614,010	>>2023-24
Côte d'Ivoire	Yes	2019	317,771	1,588,855	>>2023-24
Ethiopia	Yes	2018	1,338,456	6,692,280	>>2023-24
Gambia (the)	Yes	2019	29,162	145,810	done
Kenya	Yes	2019	659,166	3,295,830	in progress
Lesotho	Yes	2022	24,665	123,325	in progress
Liberia	Yes	2019	61,778	308,890	>>2023-24
Malawi	Yes	2019	267,547	1,337,735	>>2023-24
Mauritania	Yes	2020	54,465	272,325	done
Mauritius	No	2017	7,877	39,385	No
Mozambique	Yes	2021	415,164	2,075,820	>>2023-24
Rwanda	Yes	2011	161,730	808,650	done
Sao Tome and Principe	Yes	2021	2,809	14,045	done
Senegal	Yes	2018	211,349	1,056,745	?
Seychelles	No	2014	671	3,355	No
South Africa	No	2014	532,343	2,661,715	No
United Republic of Tanzania	Yes	2018	796,453	3,982,265	>>2023-24
Uganda	Yes	2015	631,125	3,155,625	No
Zambia	Yes	2019	238,234	1,191,170	>>2023
Zimbabwe	Yes	2018	215,207	1,076,035	done

# Conclusions – Target 90% of girls fully vaccinated 15 years by 2030

- 23 African Region countries have introduced HPV vaccine in their national programs
- Coverage is on a downward trend in LMIC while HIC keep showing resilience
- Urgent action is required to improve HPV vaccine coverage and vaccinate missed cohorts of girls
- Dropout continues to be a specific challenge for HPV vaccination programmes, particularly in LMIC
- COVID-19 pandemic continued to affect performance of HPV programme in LMICs through school closures, delayed vaccination rounds but also product stockouts
- Increased interest for revitalization and catch-up vaccination for missed cohorts – Gavi 5.0 and all stakeholders

# Thank you

