

IPV Programme Implementation Update

Q4 2021 (data as of 15 December 2021)

General Updates / Context

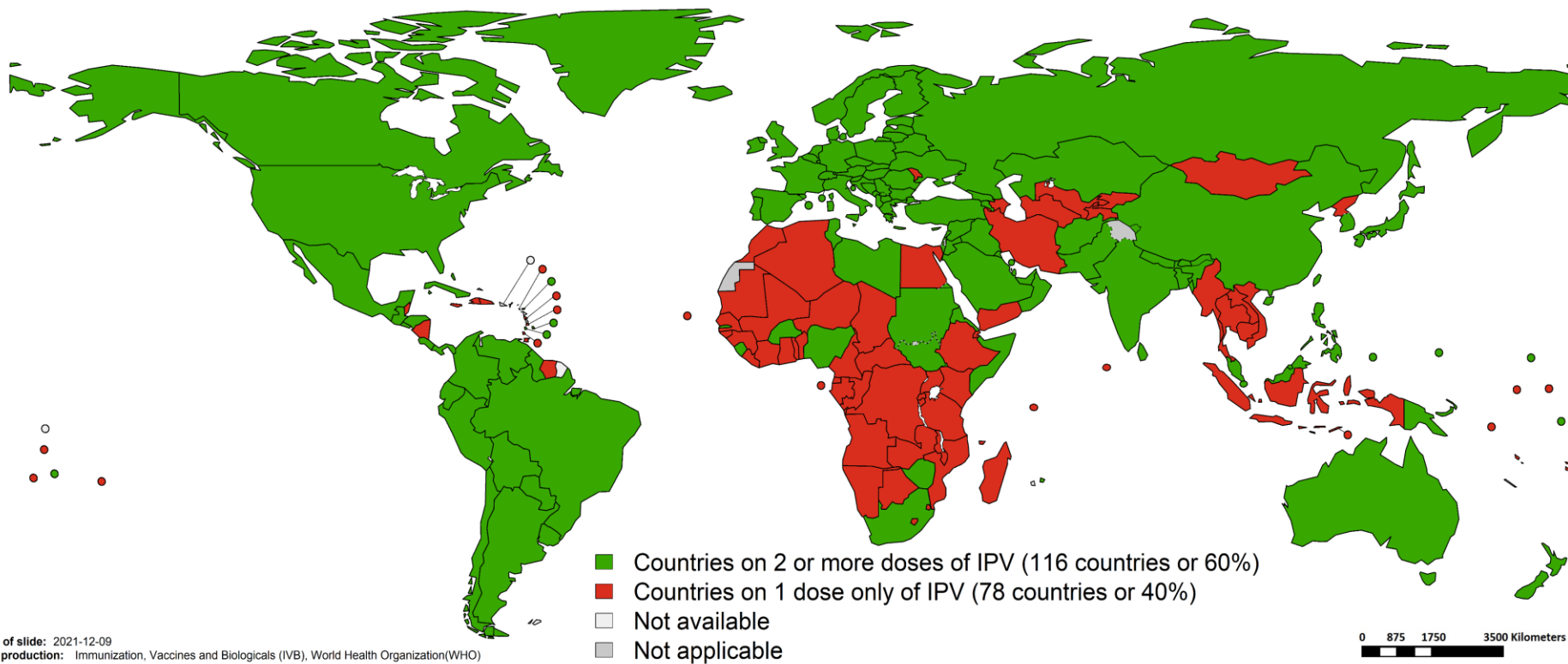
- **SAGE recommended the introduction of a second dose IPV (IPV2) in Oct 2020**
 - Best immunogenicity achieved with IPV1 at 14 weeks and IPV2 at least 4 months later (possibly at 9 months of age) – full or fractional dose
 - Early-in-life schedule IPV1 at 6 weeks and IPV2 at 14 weeks, could be also considered under certain epidemiological circumstances

- **At the time of recommendation, 99 countries were administering 1-dose of IPV (*compared to 126 OPV-only using countries in 2013*)**
 - As of Dec 2021, 21 of those 99 countries have already introduced IPV2

- **Gavi73* IPV2 support eligible countries**
 - Support for IPV2 introduction starting in January 2021
 - Exceptions from co-financing and eligibility policy apply also to IPV2 (*as it did for IPV1*)
 - Board review of IPV co-financing in 2022

Gavi73 support excludes the 10 Gavi IPV eligible countries that have already adopted a 2-dose schedule with fractional IPV (Bangladesh, Cuba, India, Nepal, Sri Lanka) or introduced a second dose without Gavi support (Guyana, Honduras, Syria) or switched to an aP-Hexavalent product (Armenia and Georgia)

General Updates / Context



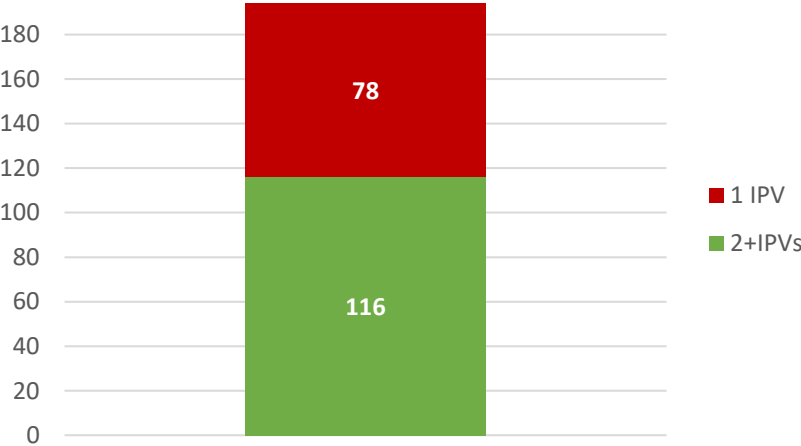
Date of slide: 2021-12-09
Map production: Immunization, Vaccines and Biologicals (IVB), World Health Organization(WHO)
Data source: IVB database

Disclaimer:
The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area nor of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.
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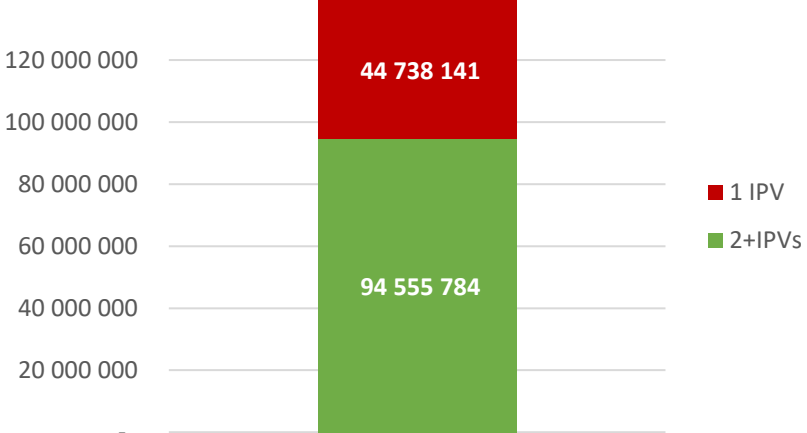
Overview of IPV in immunization schedules

WHO Member States



194 WHO Member States

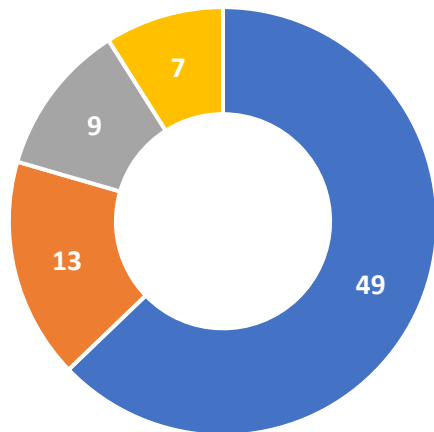
Global Live Births Cohort



UNDP Pop Reference 2019. LB Cohort for year 2020 = 139M, for 194 Member States



Overview of countries on 1 IPV (78 countries as of 20 December)



■ Gavi ■ UNICEF MICs ■ PAHO RF ■ SPs

APPROVED
ANGOLA
AZERBAIJAN
CAMEROON
CHAD
DJIBOUTI
DRC
MADAGASCAR
MALI
MOZAMBIQUE
MYANMAR
NICARAGUA
NIGER
RWANDA
SENEGAL
TIMOR-LESTE
TOGO
UGANDA
VIET NAM
YEMEN

APPLIED
CAR
CONGO
CÔTE D'IVOIRE
GUINEA
INDONESIA
KYRGYZSTAN
TAJIKISTAN
UZBEKISTAN

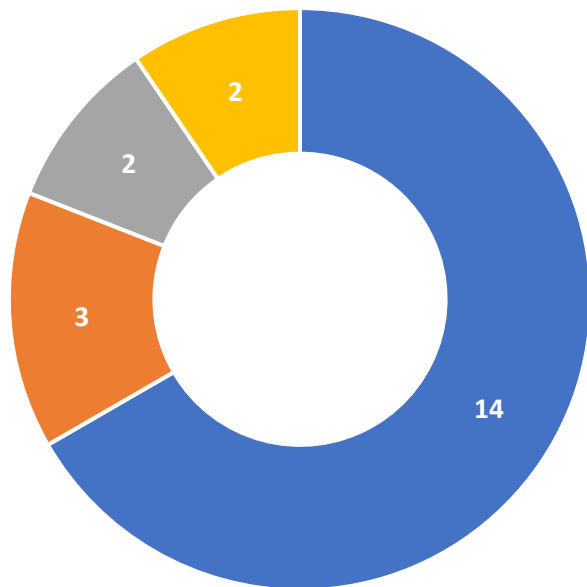
FORECASTED
BENIN
BURUNDI
CAMBODIA
COMOROS
DPR KOREA
ETHIOPIA
GHANA
GUINEA-BISSAU
HAITI
KENYA
KIRIBATI
LAO PDR
LESOTHO
LIBERIA
MALAWI
MAURITANIA
MONGOLIA
REP MOLDOVA
SAO TOME & P
SOLOMON IS
TANZANIA
ZAMBIA

UNICEF MIC
BOTSWANA
CAPE VERDE
COOK ISLANDS
EQ GUINEA
ESWATINI
FIJI
GABON
IRAN
MOROCCO
NAURU
SAMOA
TONGA
VANUATU

PAHO RF
BELIZE
DOMINICA
DOMINICAN REP
GRENADA
JAMAICA
SAINT KITTS&NEVIS
SAINT LUCIA
SURINAME
TRINIDAD& TOBAGO

Self-Procuring
ALGERIA
EGYPT
MALDIVES
NAMIBIA
SEYCHELLES
THAILAND
TURKMENISTAN

Country IPV2 introductions since 2021 (21 countries as of 20 Dec)



■ Gavi ■ MICs ■ SP ■ PAHO RF

Gavi

- AFGHANISTAN
- BHUTAN
- BOLIVIA
- BURKINA FASO
- ERITREA
- GAMBIA
- NIGERIA
- PAKISTAN
- PAPUA NEW GUINEA
- SIERRA LEONE
- SOMALIA
- SOUTH SUDAN
- SUDAN
- ZIMBABWE

UNICEF MIC

- IRAQ
- PHILIPPINES
- TUVALU

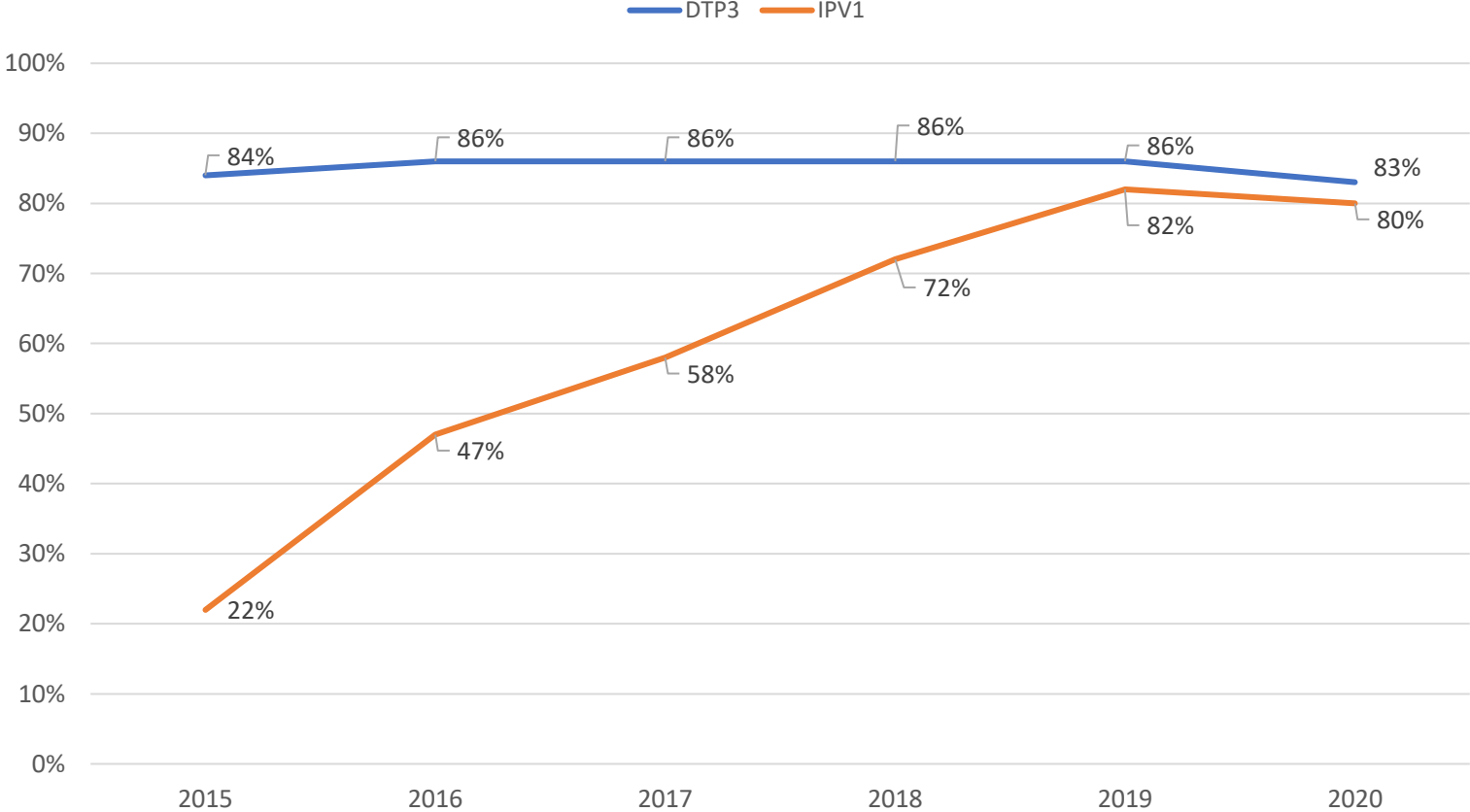
Self Procuring

- CHINA
- LYBIA

PAHO RF

- BARBADOS
- VENEZUELA

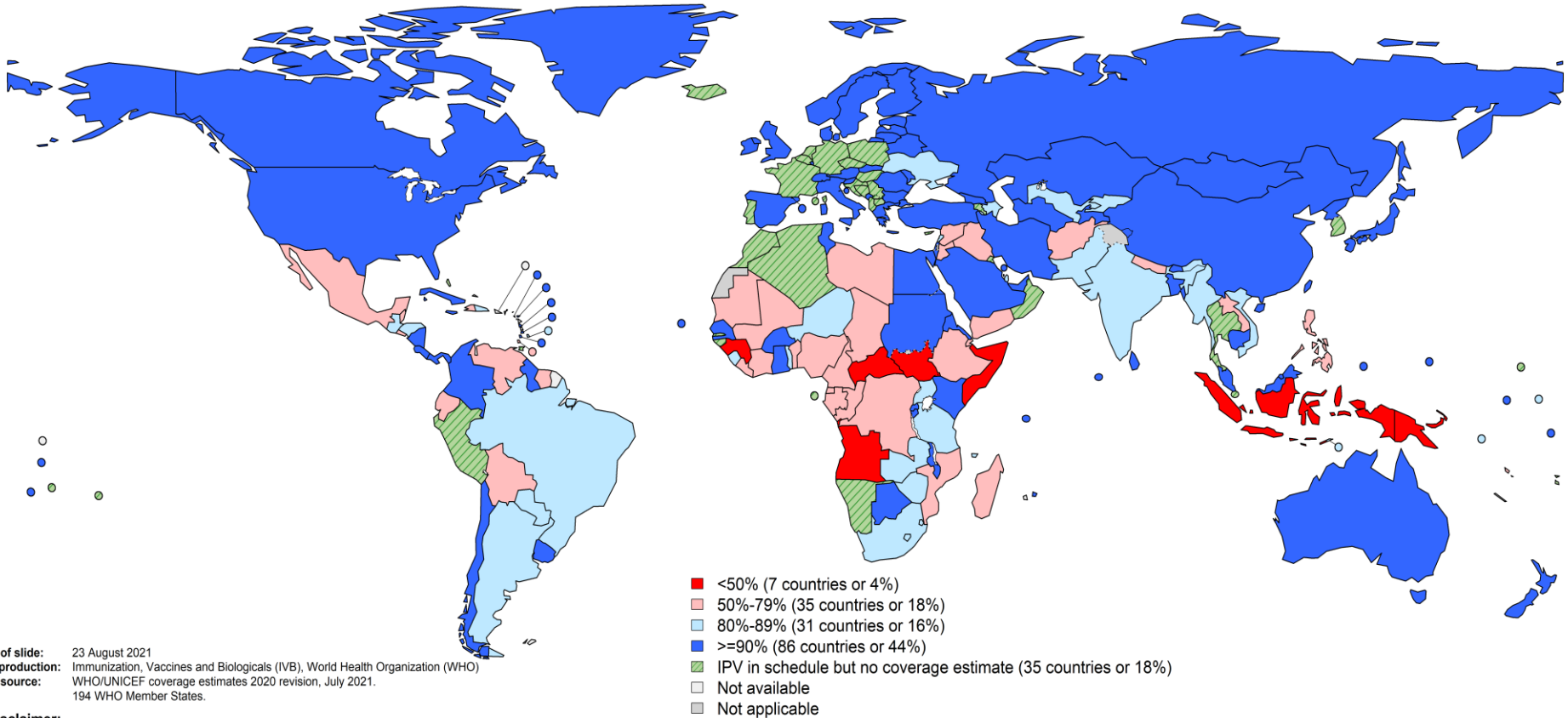
IPV1 Global coverage estimates 2016-2020



Data source: WHO and UNICEF estimates of immunization coverage: 2020 revision, 15 July 2021



Immunization coverage with IPV1 in infants, 2020

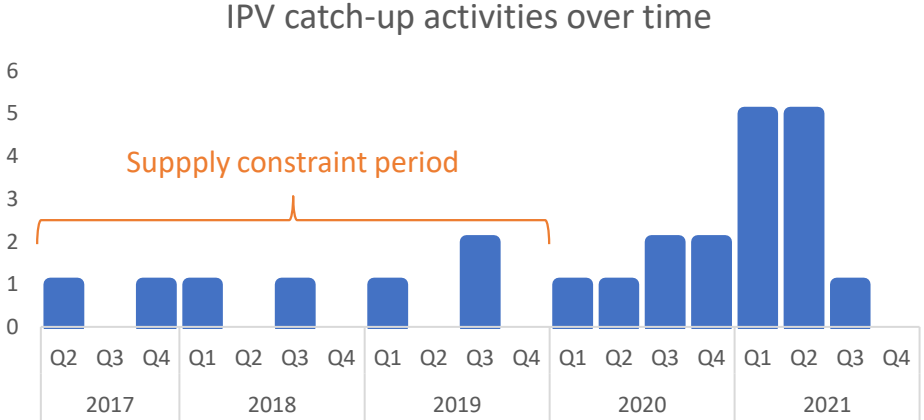


Date of slide: 23 August 2021
Map production: Immunization, Vaccines and Biologicals (IVB), World Health Organization (WHO)
Data source: WHO/UNICEF coverage estimates 2020 revision, July 2021.
 194 WHO Member States.

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IPV catch up activities

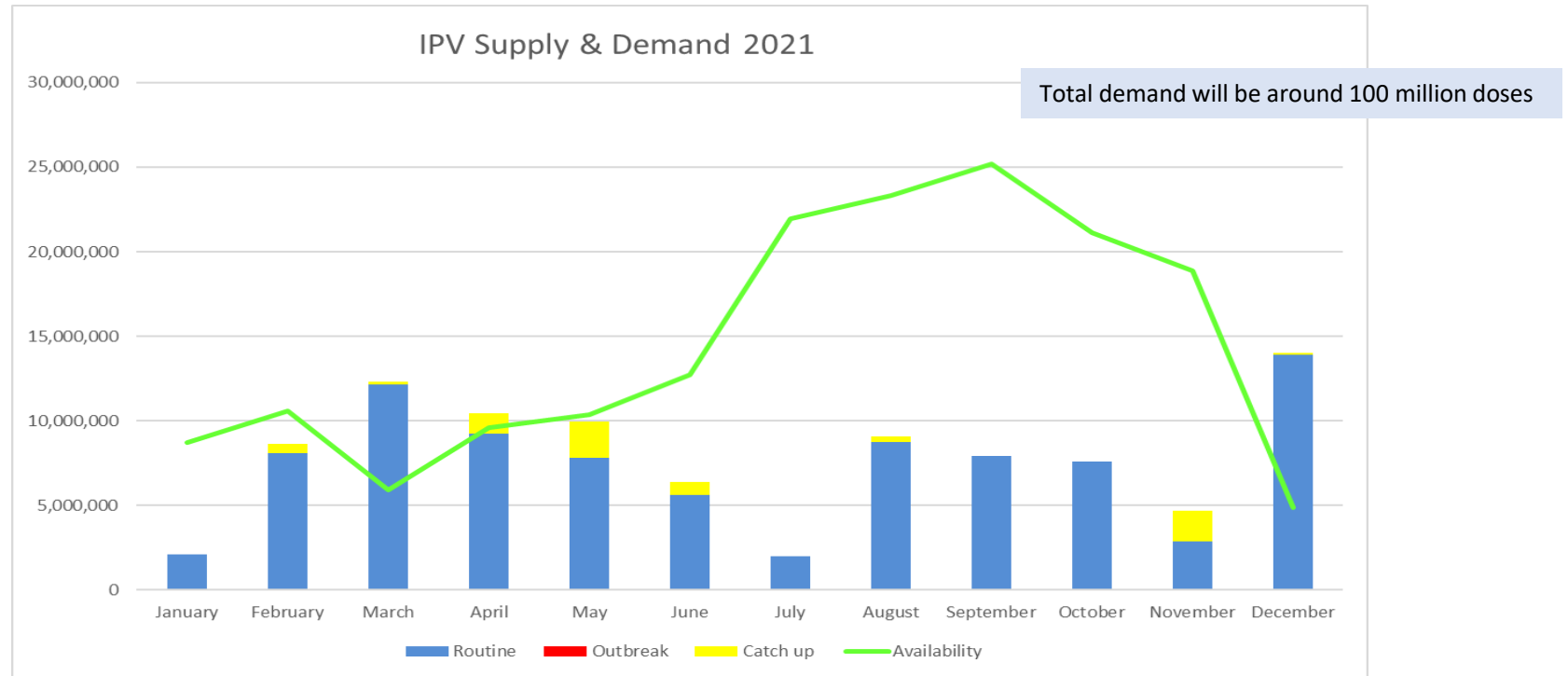
- Between April 2016 and April 2019 over 43 million children were missed in 37 countries due to global supply constraints
- COVID19 pandemic impacted planned implementation of catch ups in 2020, most of which were delayed to 2021 and have now been implemented reaching approximately 10 million children and bringing the total of children reached to 38 million



- 9 countries have yet to vaccinate 5 million missed children, of which 6 have yet to request Gavi support to do so
 - *Approved requests: Cote d’Ivoire, Rwanda, Togo; Planned: DPRK, Djibouti, the Gambia; Forecasted: Lesotho, Guinea Bissau, Nepal*



IPV – UNICEF Supply & Demand for 2021



Dramatic change from previous years

- IPV availability – Now sufficient for all countries to introduce IPV2 and complete catch-up activities
- 2021 – Likely to end with under utilisation of LTAs

ANNEX

DETAILED LIST OF THE 99 COUNTRIES TARGETED FOR IPV2 INTRODUCTION

In early 2020, 99 countries were administering 1 IPV dose only and needed to introduce IPV2: 63 Gavi countries, 16 UNICEF MICs, 11 PAHO RF and 9 Self Procuring countries. The following tables only refer to those countries. Please note that PAHO countries eligible for Gavi support are included in the Gavi tables, not in the PAHO RF tables

Gavi73

Introduced

AFGHANISTAN
ARMENIA (aP Hexa)
BANGLADESH (fIPV)
BHUTAN
BOLIVIA
BURKINA FASO
CUBA (fIPV)
ERITREA
GAMBIA
GEORGIA (aP Hexa)
GUYANA
HONDURAS
INDIA (fIPV)
NEPAL (fIPV)
NIGERIA
PAKISTAN
PAPUA NEW GUINEA
SIERRA LEONE
SOMALIA
SOUTH SUDAN
SRI LANKA (fIPV)
SUDAN
SYRIA
ZIMBABWE

Approved

ANGOLA
CAMEROON
CHAD
DJIBOUTI
DRC
KYRGYZSTAN
MADAGASCAR
MALI
MYANMAR
NICARAGUA
NIGER
RWANDA
TIMOR-LESTE
TOGO
UGANDA
VIET NAM
YEMEN

Applied

AZERBAIJAN
CAR
CONGO
CÔTE D'IVOIRE
GUINEA
INDONESIA
MOZAMBIQUE
SENEGAL
TAJIKISTAN
UZBEKISTAN

Forecasted

BENIN
BURUNDI
CAMBODIA
COMOROS
DPR KOREA
ETHIOPIA
GHANA
GUINEA-BISSAU
HAITI
KENYA
KIRIBATI
LAO PDR
LESOTHO
LIBERIA
MALAWI
MAURITANIA
MONGOLIA
REP OF MOLDOVA
SAO TOME & PRINCIPE
SOLOMON ISLANDS
TANZANIA
ZAMBIA

UNICEF MICs/SPs/PAHO RF

UNICEF MIC	Status
IRAQ	Introduced
PHILIPPINES	Introduced
TUVALU	Introduced
BOTSWANA	Not Introduced
CAPE VERDE	Not Introduced
COOK ISLANDS	Not Introduced
EQ GUINEA	Not Introduced
ESWATINI	Not Introduced
FIJI	Not Introduced
GABON	Not Introduced
IRAN	Not Introduced
MOROCCO	Not Introduced
NAURU	Not Introduced
SAMOA	Not Introduced
TONGA	Not Introduced
VANUATU	Not Introduced

Self-Procuring	Status
CHINA	Introduced
LYBIA	Introduced
ALGERIA	Not Introduced
EGYPT	Not Introduced
MALDIVES	Not Introduced
NAMIBIA	Not Introduced
SEYCHELLES	Not Introduced
THAILAND	Not Introduced
TURKMENISTAN	Not Introduced

PAHO Revolving Fund	Status
BARBADOS	Introduced
VENEZUELA	Introduced
BELIZE	Not Introduced
DOMINICA	Not Introduced
DOMINICAN REP	Not Introduced
GRENADA	Not Introduced
JAMAICA	Not Introduced
SAINT KITTS&NEVIS	Not Introduced
SAINT LUCIA	Not Introduced
SURINAME	Not Introduced
TRINIDAD& TOBAGO	Not Introduced