

COVID-19 Vaccination Insights Report

24 April 2023



Notes & disclaimer

<u>Description:</u>	<ul style="list-style-type: none">• A standard analytic report produced of key COVID-19 vaccine implementation data, including uptake, supply received, and delivery financing across WHO Member States, the COVAX AMC portfolio and the 34 Countries for Concerted Support.
<u>Data inputs:</u>	<ul style="list-style-type: none">• COVAX/CoVDP Demand & Supply Planning Mechanism data (Country coverage targets)• UN DESA Population Division Population Data (Total population; 12+ population; 18+ population; 60+ population)• UNICEF COVID-19 Vaccine Financial Monitoring Database (Total allocated external financing for vaccine delivery)• UNICEF COVID-19 Vaccine Market Dashboard Data (Total COVID-19 vaccine doses delivered [all sources])• WHO/UNICEF electronic Joint Reporting Form (eJRF) (Uptake in healthcare worker and 60+ populations, gender-disaggregated uptake)• WHO COVID-19 Vaccine Administration Data System (Total doses administered; Individuals with at least one dose; Individuals fully vaccinated)
<u>Methodology:</u>	<ul style="list-style-type: none">• Methods for analyses presented in this report are contained in the COVID-19 Vaccination Data & Monitoring Coordination Manual (link)
<u>Inquiries:</u>	<ul style="list-style-type: none">• Please contact the COVID-19 Vaccination Data Team at c19vxdata@who.int.
<u>Disclaimer:</u>	<ul style="list-style-type: none">• The data found in this report have been produced and processed from sources believed to be reliable. While these data and analyses are provided in good faith and to the best of the World Health Organization’s (WHO’s) knowledge, WHO does not commit to it being up to date. While every effort is made to ensure the data quality, the data and analyses are provided “as is.” The burden of fitness of the data and analyses lies completely with the user. The accuracy of any user’s statistical analysis and any reported findings are not the responsibility of WHO. WHO does not make any warranty, express or implied, including warranties of fitness for a particular purpose, or assume any legal liability or responsibility for the accuracy, completeness, reliability, or usefulness of any information provided (either isolated or in the aggregate), or represent that its use would not infringe privately owned rights. <p>Maps in this report do not reflect a position by WHO on the legal status of any country or territory or the delimitation of any frontiers.</p>

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I. WHO Member State analysis

Key global figures on COVID-19 vaccination

Current	1-Month Change	
13.3bn	96M	doses of COVID-19 vaccines have been administered globally
89 %	-0%	of health workers have received a complete primary series across WHO MS
82 %	-0%	of older adults have received a complete primary series across WHO MS
66 %	-0%	of the general population has received a complete primary series across WHO MS – 23% in LICs

Out of 194 WHO Member States

67 

Member States have vaccinated **more than 70% of their population**

138 

Member States have vaccinated **more than 40% of their population**

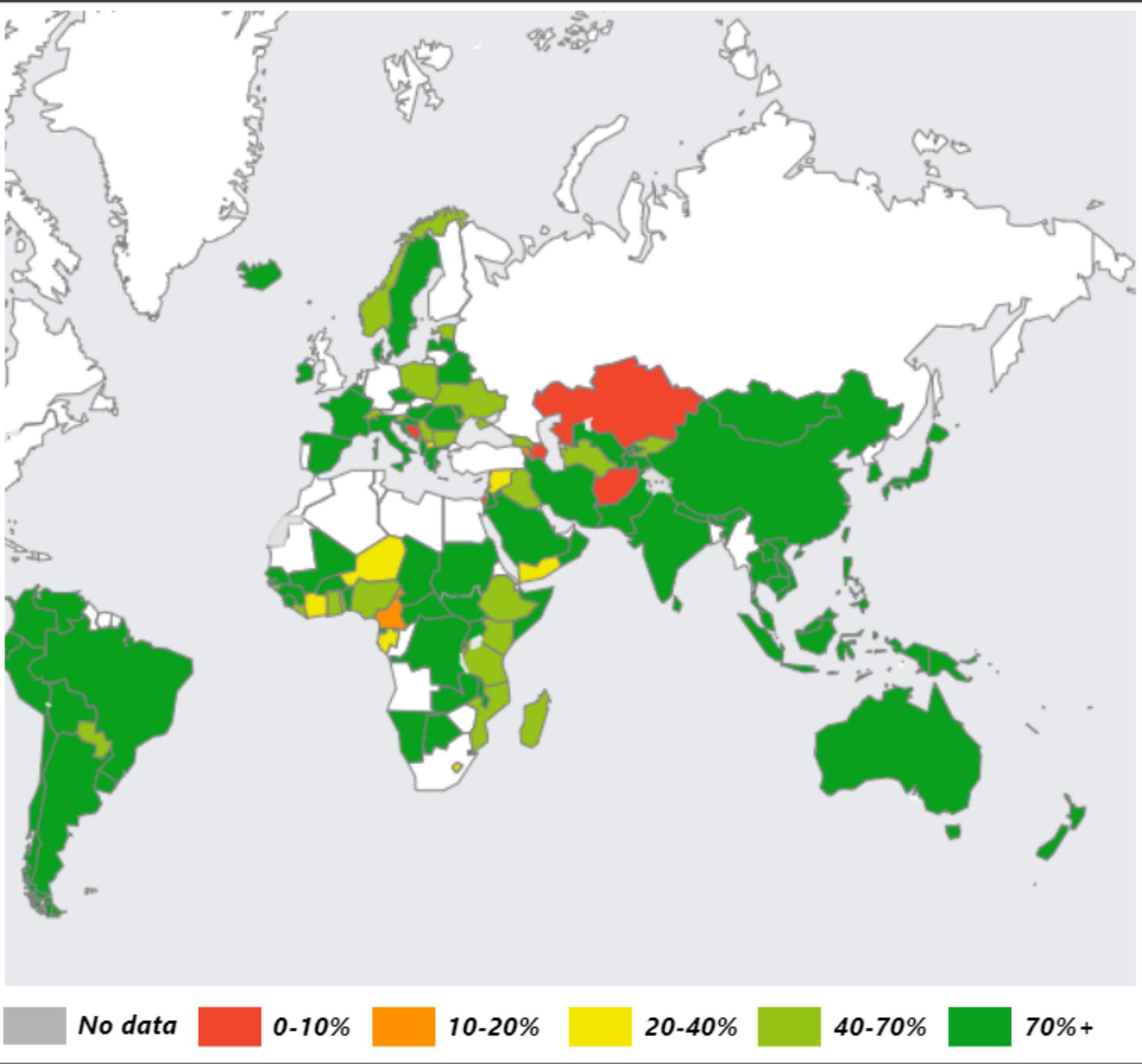
186 

Member States have vaccinated **more than 10% of their population**

187 

Member States have **started booster / additional dose programs**

Healthcare worker coverage across reporting WHO Member States



WHO region	WHO MS reporting	Complete	Partial
AFR	38	64 %	
AMR	19	99 %	
EMR	12	71 %	
EUR	40	73 %	
SEAR	7	100 %	
WPR	27	96 %	
Total	143		

Income group	WHO MS reporting	Complete	Partial
1) LIC	25	52 %	
2) LMIC	42	89 %	
3) UMIC	39	92 %	
4) HIC	35	89 %	
5) Other	2	93 %	
Total	143		

143

WHO MS have reported at least once on healthcare worker vaccination coverage

59 %

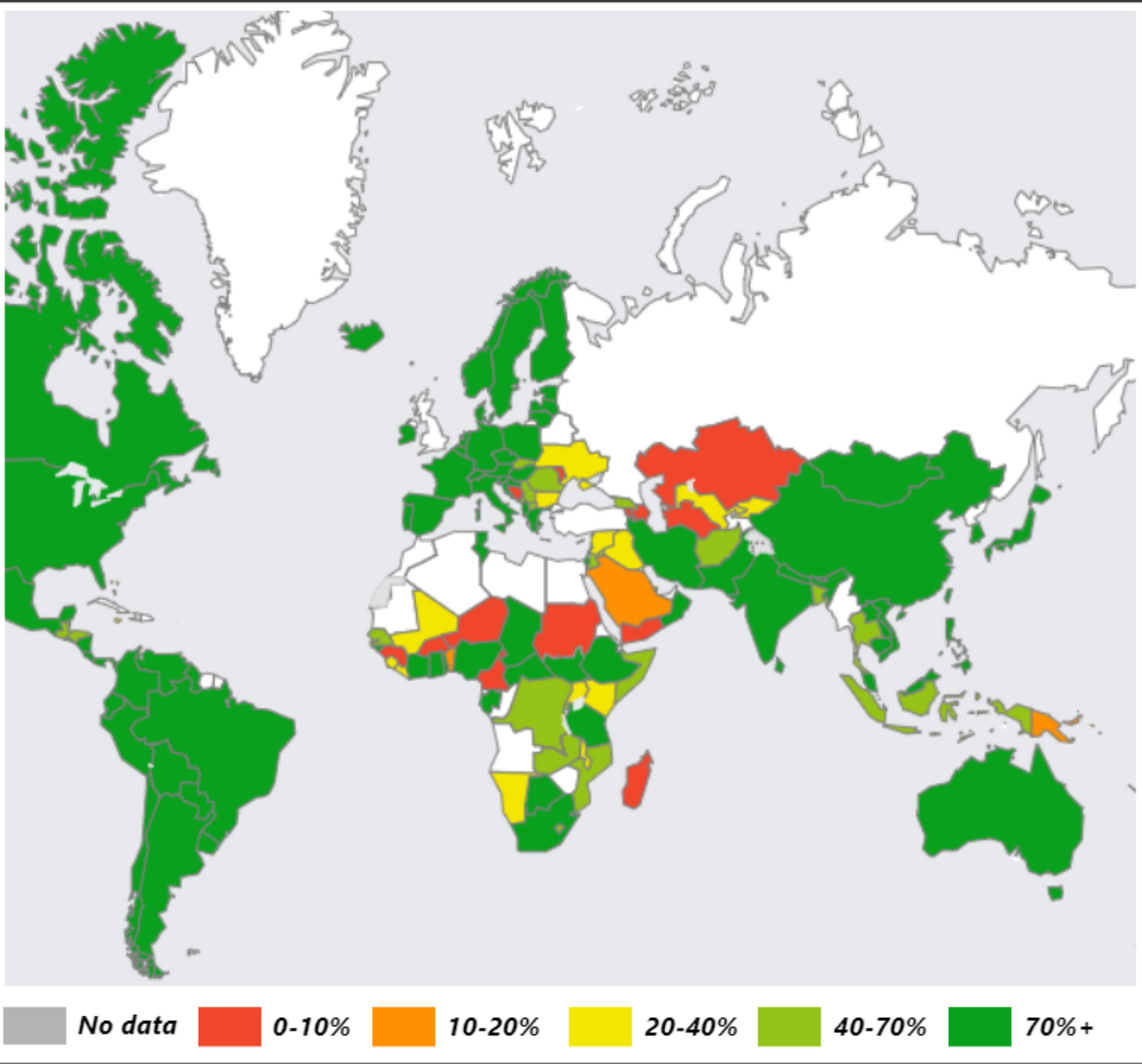
of healthcare workers are in reporting WHO MS of total healthcare workers in all WHO MS

89 %

of total healthcare workers with a complete primary series across reporting WHO MS

Notes: Coverage figures are capped at 100%. Target population definitions vary, especially across HICs; this can impact uptake figures reported. Estimated healthcare worker population sizes vary by source (ILO vs. country reports). A correction factor was applied to countries reporting inconsistent figures. Cook Islands and Niue are not categorized in an income group by the World Bank.

Older adult coverage across reporting WHO Member States



158

WHO MS have reported at least once on older adult vaccination coverage

90 %

of older adults are in reporting WHO MS of total older adults in all WHO MS

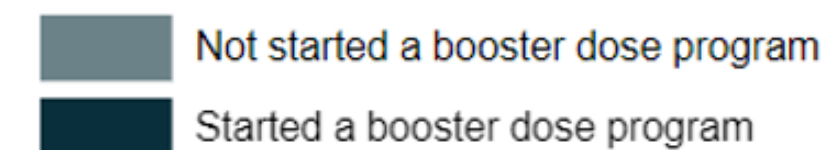
82 %

of total older adults with a complete primary series across reporting WHO MS

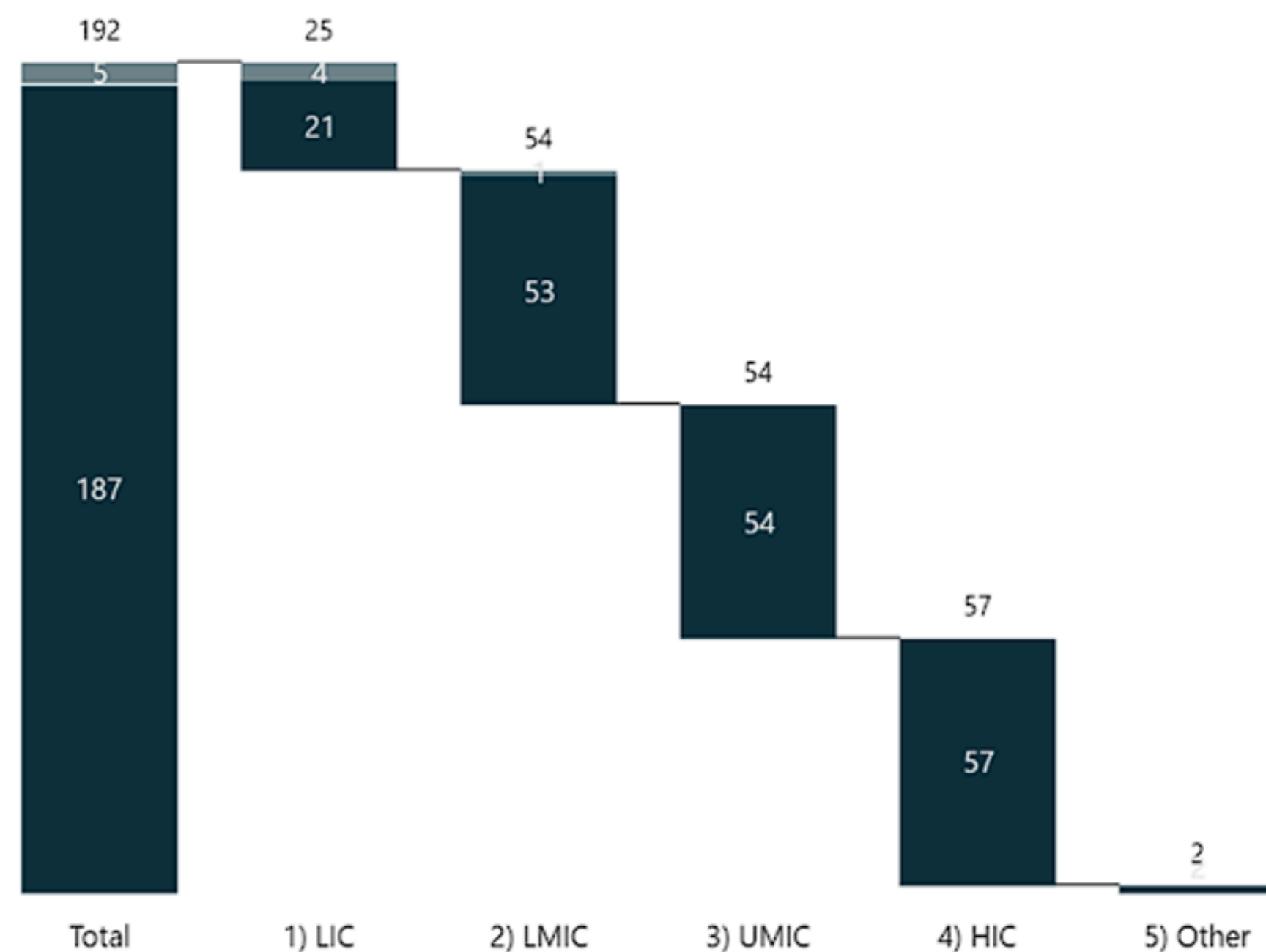
Notes: Coverage figures are capped at 100%. Target population definitions vary; country-specific definitions of older adults are used to calculate older adult population population denominators using data from the United Nations Population Division. Cook Islands and Niue are not categorized in an income group by the World Bank.

187 WHO Member States have COVID-19 vaccine booster / additional doses programs; some lower income countries do not

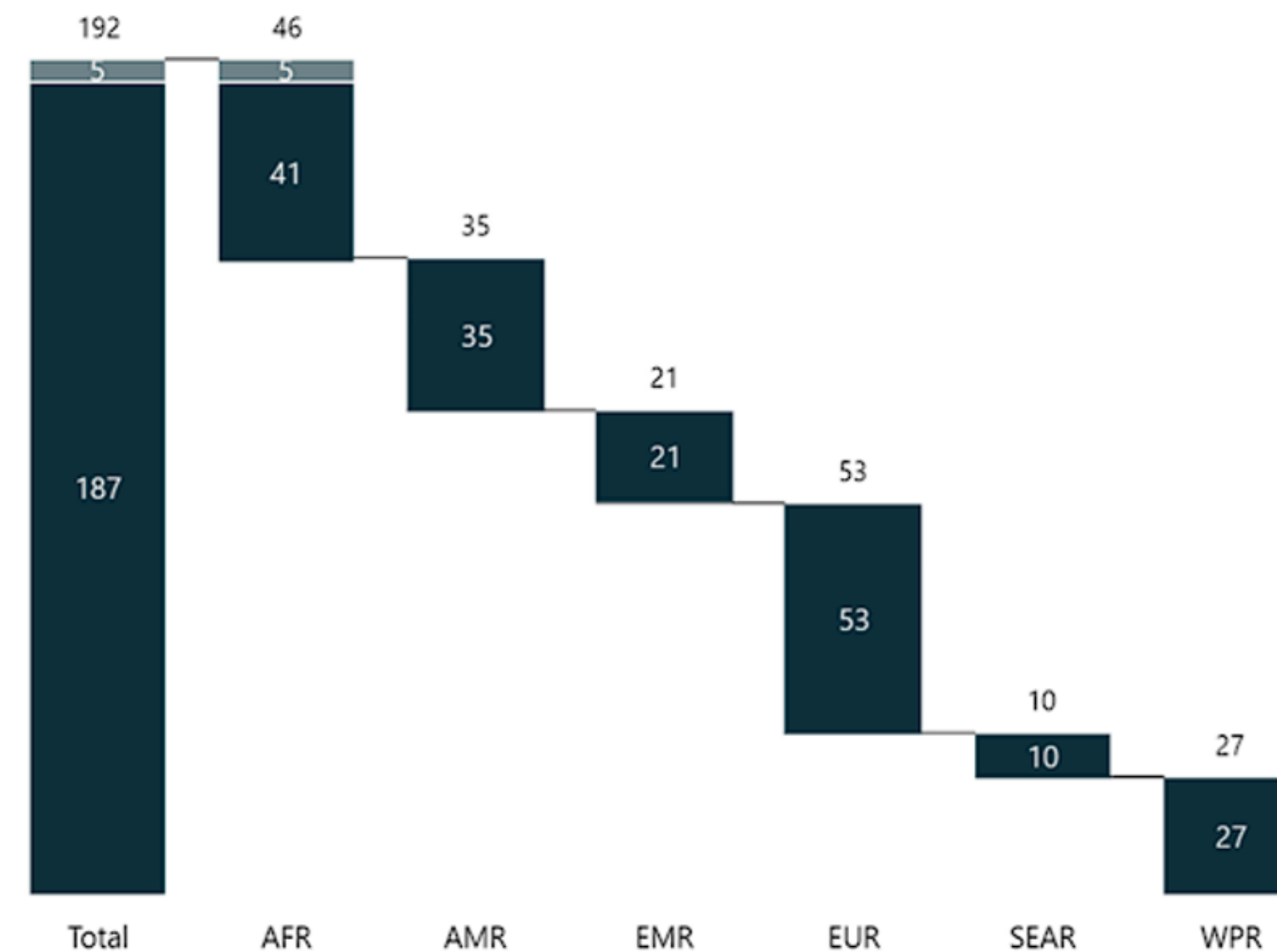
Status of COVID-19 boosters/additional dose programmes, # of WHO Member States



Per income group



Per WHO region



Sources: WHO COVID-19 vaccine administration data system, WHO Regional Offices. | **Notes:** DPR Korea and Eritrea are excluded as they are not vaccinating against COVID-19.

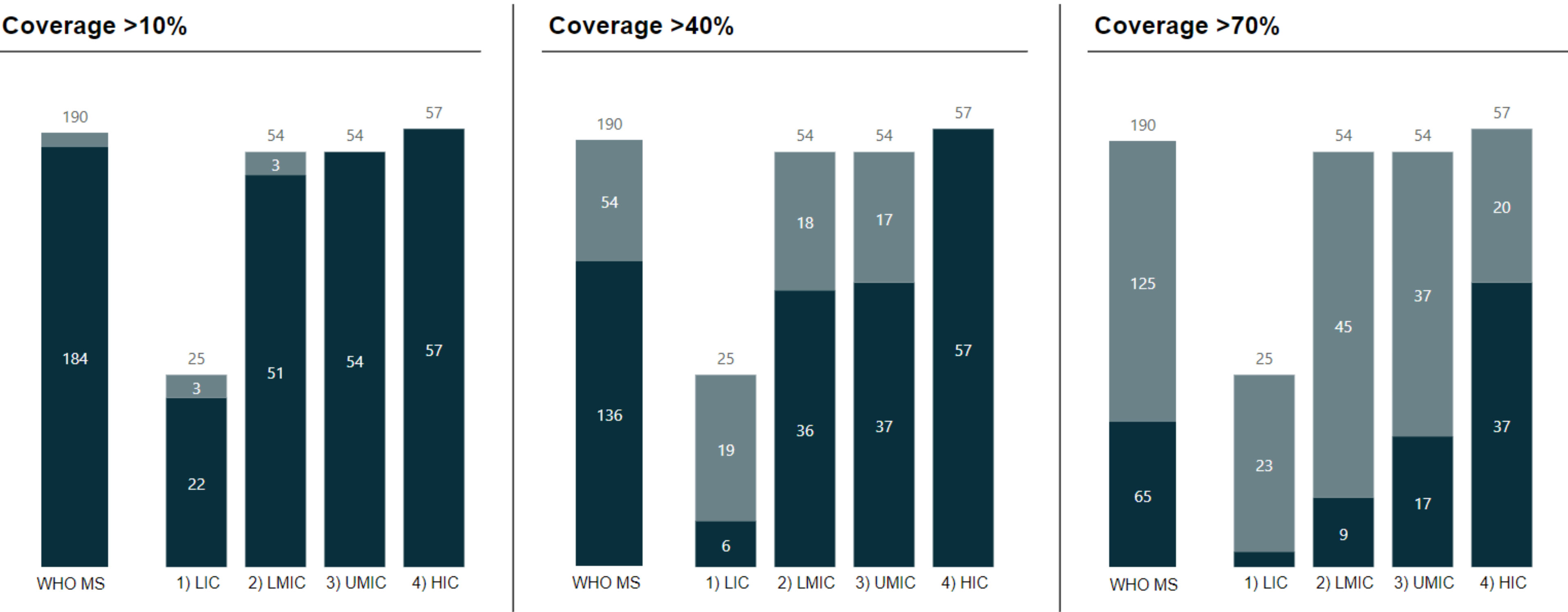
6 LICs (out of 25) have achieved 40% COVID-19 immunization coverage as of 24 February

Population coverage

COVID-19 vaccination coverage of WHO Member states, per income group (# of MS)

Have not reached the ambition

Reached the ambition



Source: WHO COVID-19 vaccine administration data system. | **Notes:** DPR Korea and Eritrea are excluded as they are not vaccinating against COVID-19. Cook Islands and Niue are excluded as they are not categorized in an income group by the World Bank.

Aggregate vaccine implementation figures across AMC participants

Administration

Current	1-Month Change	
5.0bn	27M	Total number of vaccine doses administered across AMC participants since implementation start
2.4bn	10M	Total number of individuals with at least one dose across AMC participants
2.2bn	14M	Total number of individuals with a complete primary series across AMC participants
639.5M	9M	Total number of individuals with at least one booster dose across AMC participants
0.02%	0%	Median 4-week average daily vaccination rate across AMC participants

Supply

62%	-0%	Median number of vaccine courses received as a percent of population across AMC participants
Forthcoming	Forthcoming	Number of AMC participants that have received supply of product with improved attributes

Financing

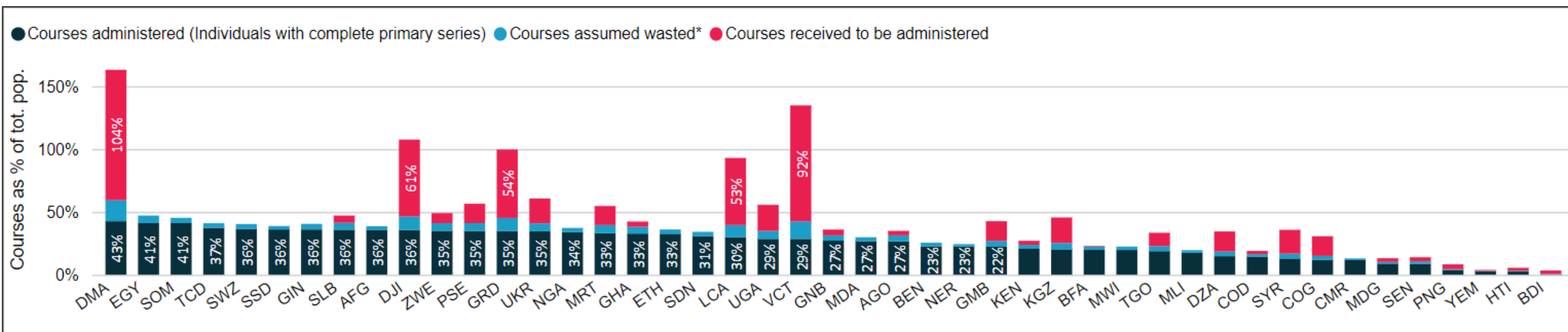
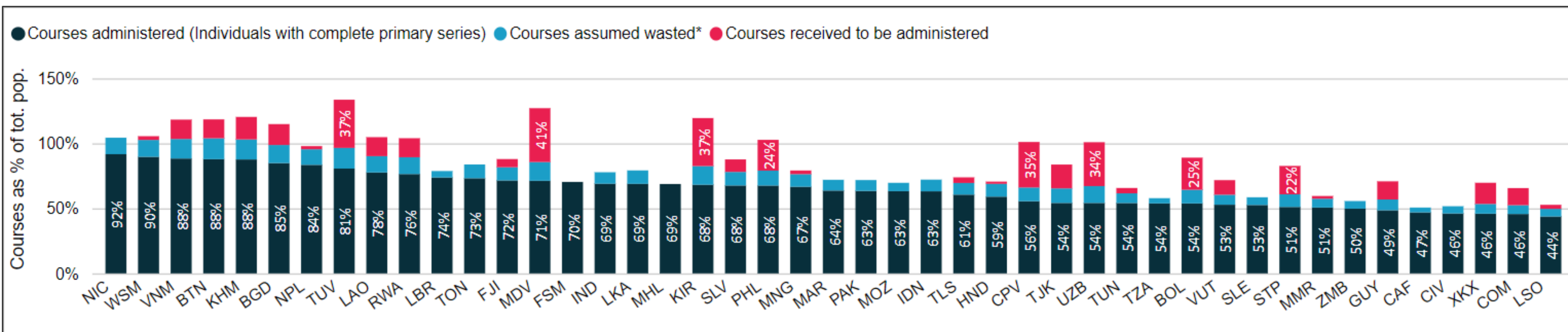
3.20	0	Median external allocated financing for vaccine delivery per capita across AMC participants
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Coverage

Current	1-Month Change	
<u>Health care workers</u>		
72	0	Number of AMC participants that have reported at least once on healthcare worker primary series uptake
82%	0%	Aggregate complete primary series coverage of healthcare workers across AMC participants
<u>Older adults</u>		
75	0	Number of AMC participants that have reported at least once on older adult primary series uptake
69 %	-0%	Aggregate complete primary series coverage of older adults across AMC participants
<u>Total population</u>		
55 %	-0%	Aggregate complete primary series coverage across AMC participants
16%	-0%	Aggregate coverage with at least one booster across AMC participants
<u>Humanitarian populations</u>		
Forthcoming	Forthcoming	Aggregate complete primary series coverage across areas with people in need of humanitarian assistance

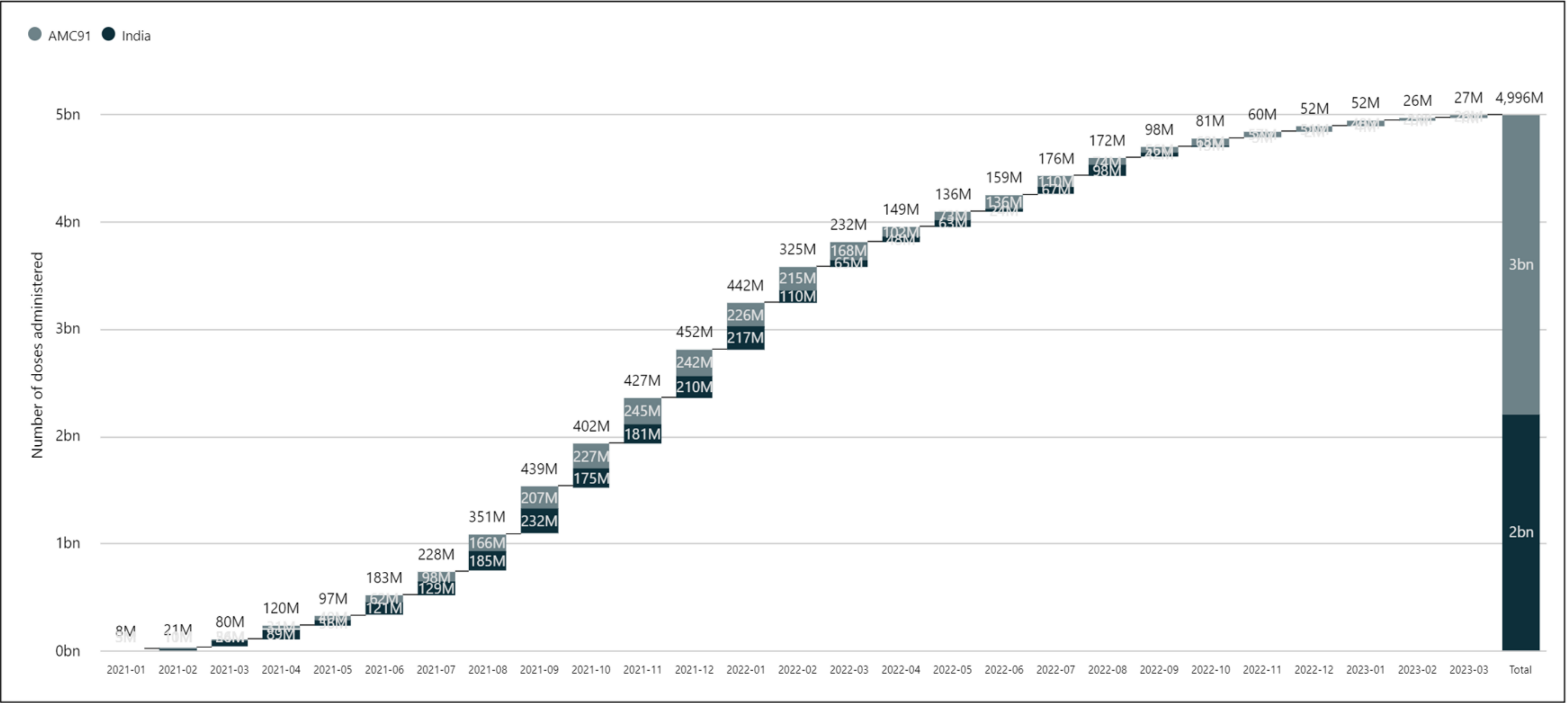
Sources: IMF-WHO COVID-19 Vaccine Supply Tracker; UNICEF COVID-19 Vaccine Market Dashboard; WHO COVID-19 vaccine administration data | **Notes:** A vaccine course is the number of doses required for a given product for its primary series.

Vaccine courses administered and received as percentage of total population across AMC participants



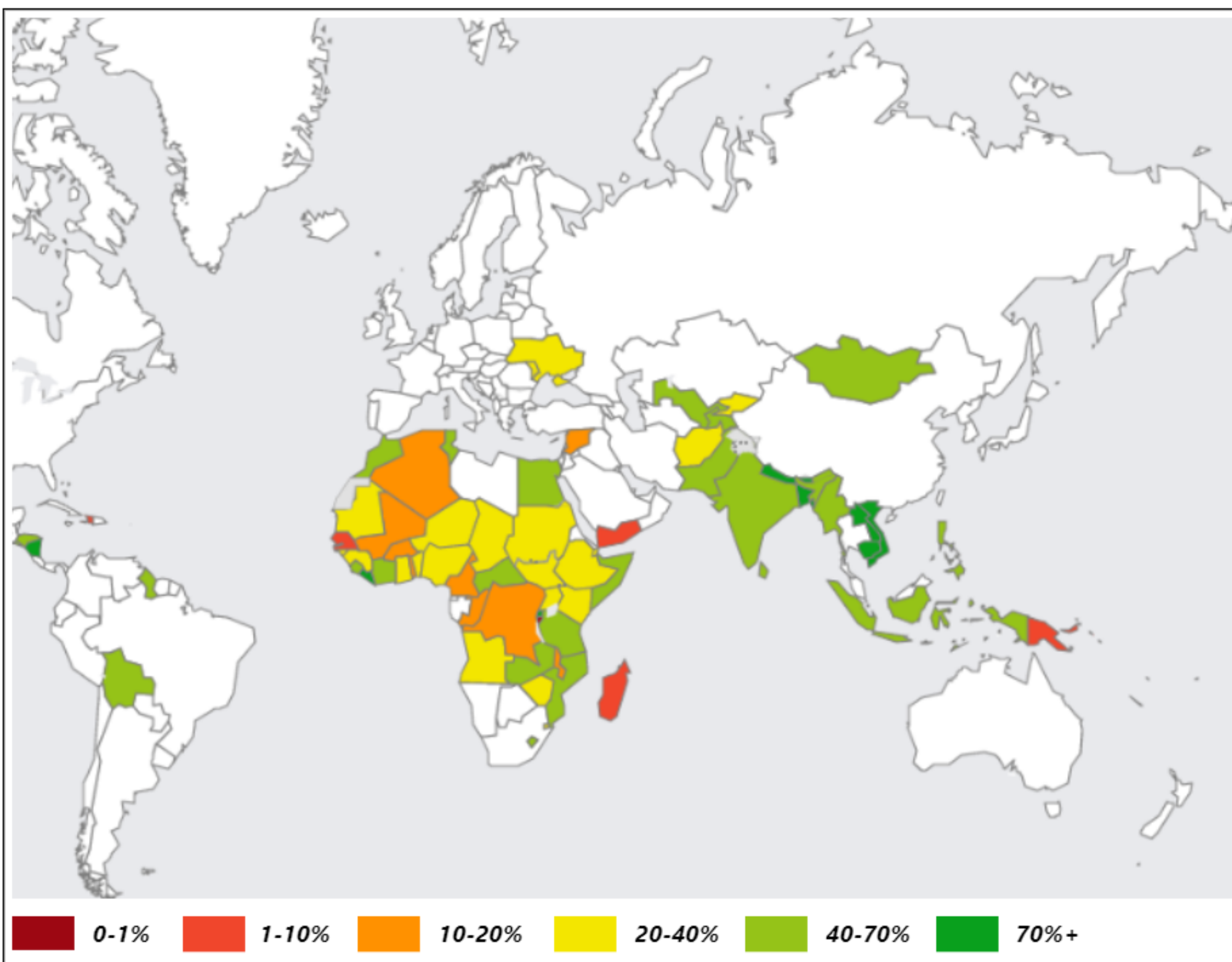
Sources: IMF-WHO COVID-19 Vaccine Supply Tracker; UNICEF COVID-19 Vaccine Market Dashboard; WHO C19 vaccine administration data | **Notes:** * standard 10% wastage assumption. A vaccine course is equivalent to the number of doses required of a product for full schedule administration. ERI and DPK are not vaccinating; MHL and FSM are not reflected in the UNICEF Market Dashboard.

Aggregate, historical dose absorption by month across the AMC participant portfolio for the January 2021 - March 2023 period

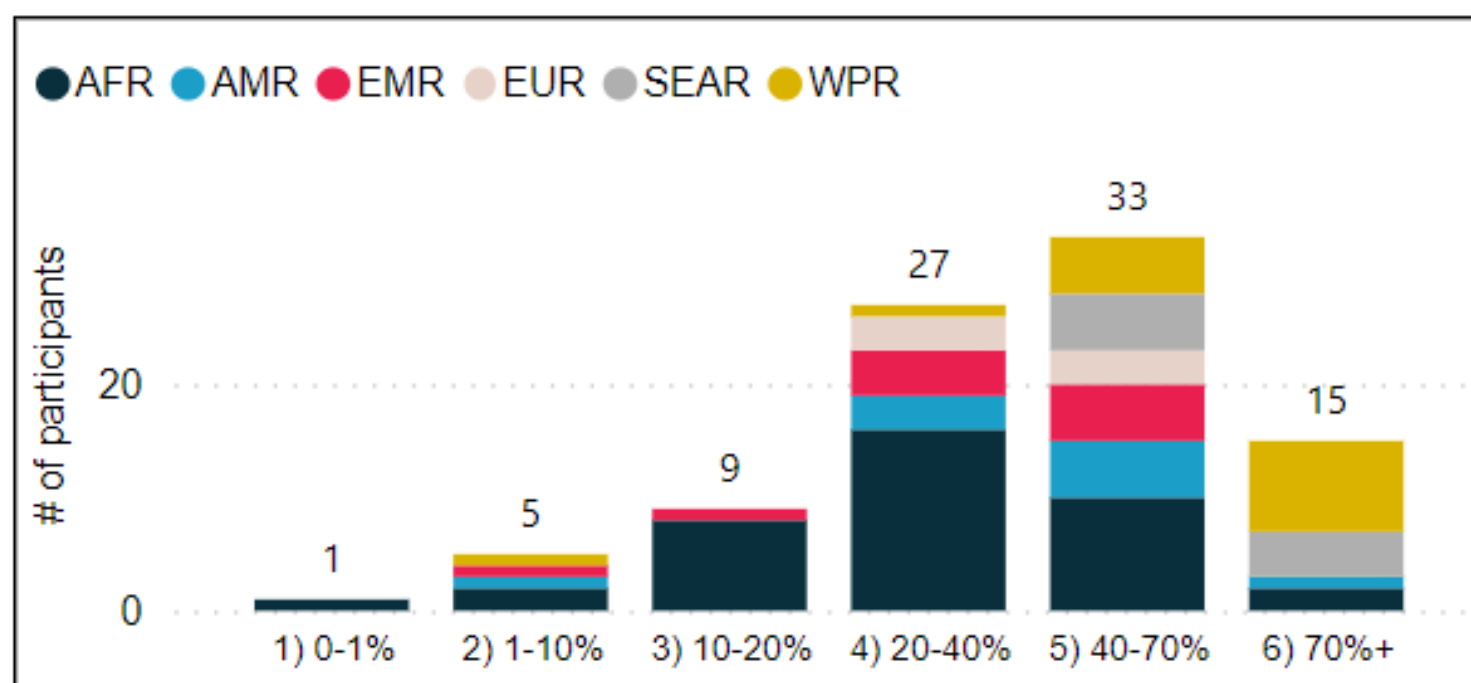


Source: WHO COVID-19 vaccine administration data system | Notes: Eritrea and DPR Korea have not started COVID-19 vaccination.

Complete primary series coverage across AMC participants



Participant count by complete primary series coverage category

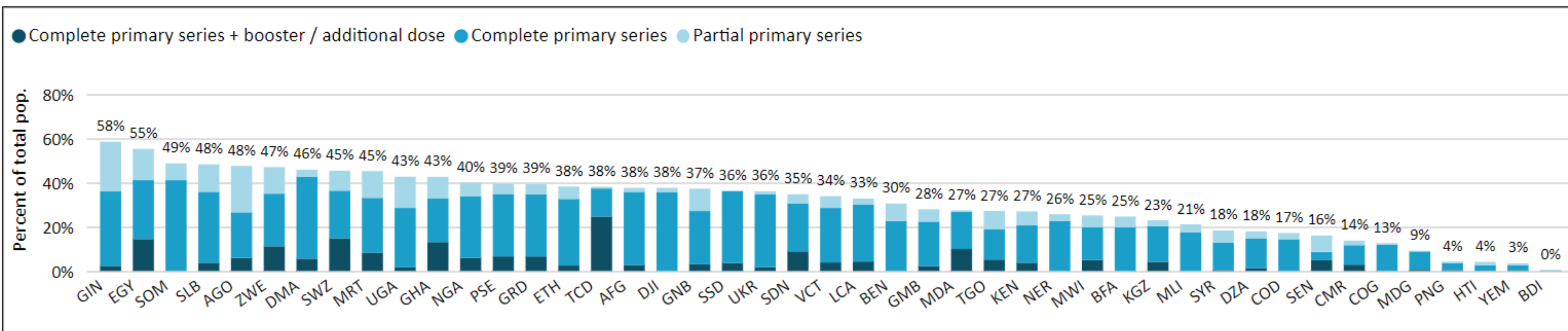
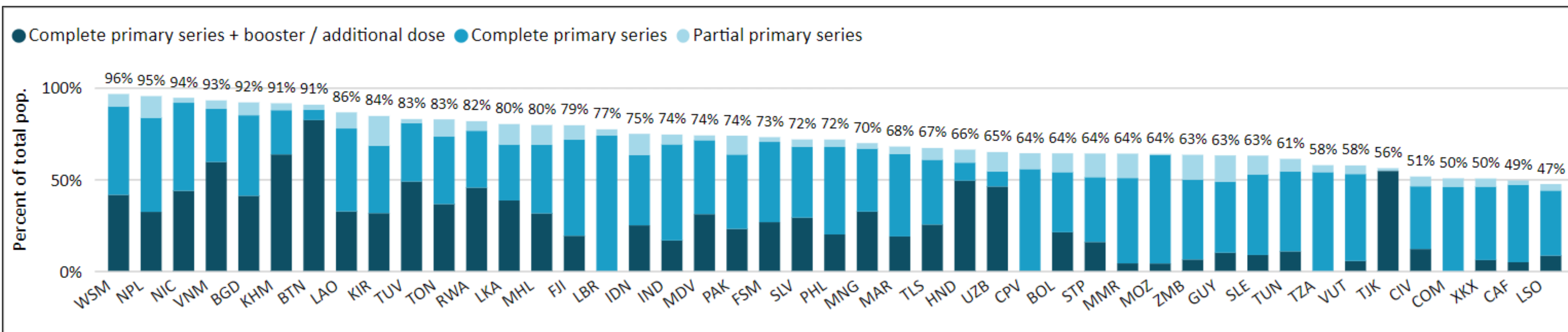


Breakdown view by WHO region

Region	Count of part.	At least one dose coverage (% of tot. pop.)	Complete primary series coverage (% of tot. pop.)	First booster coverage (% of tot. pop.)
AFR	39	36 %	30 %	5 %
AMR	10	55 %	49 %	26 %
EMR	11	56 %	48 %	15 %
EUR	6	47 %	42 %	22 %
SEAR	9	76 %	69 %	20 %
WPR	15	79 %	75 %	38 %
Total	90	62 %	55 %	16 %

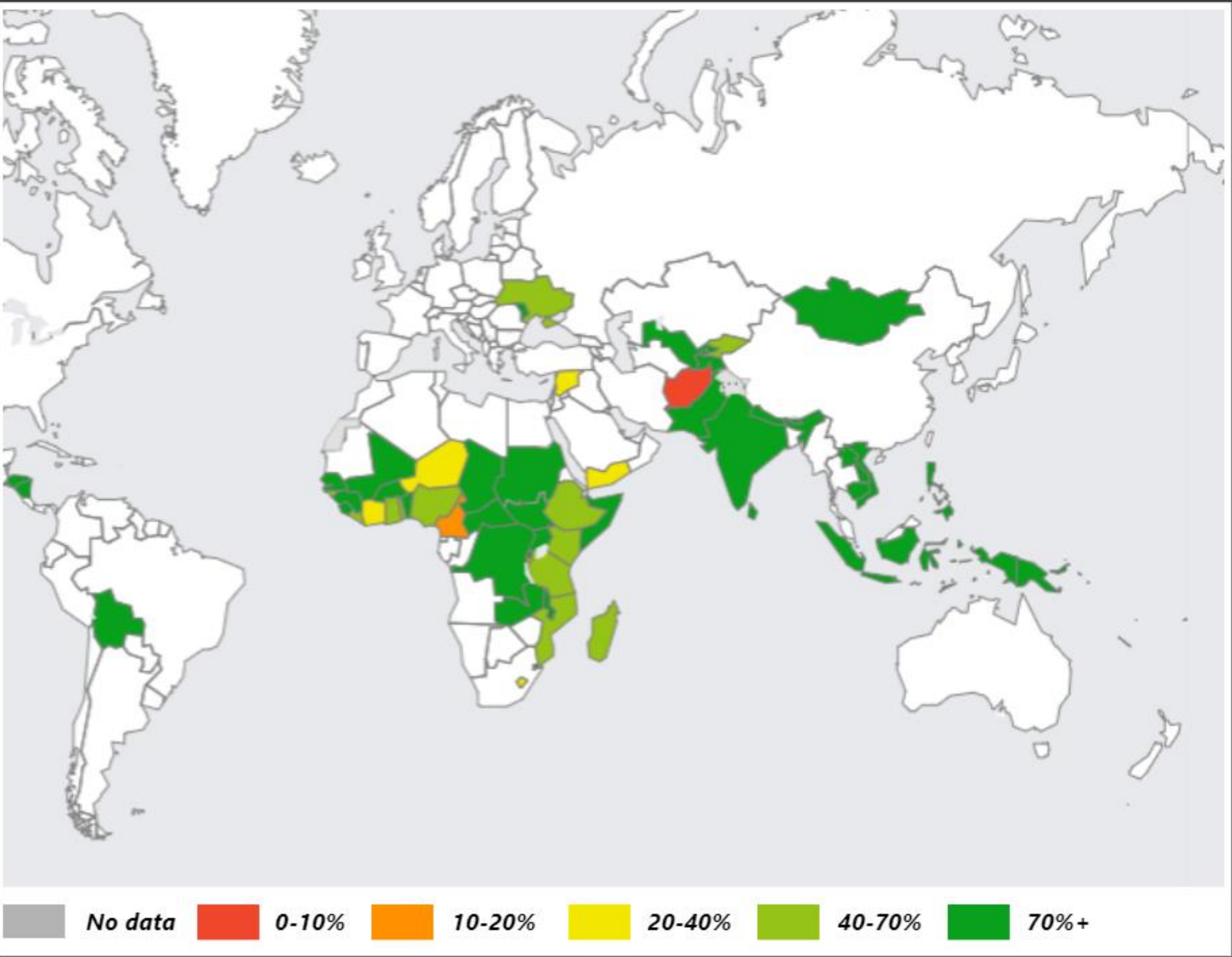
* Complete primary series: One or two doses according to country policy | **Source:** WHO COVID-19 vaccine administration data system | **Notes:** Eritrea and DPR Korea have not started COVID-19 vaccination.

Coverage of partial primary series, complete primary series, and complete primary series + booster / additional dose across AMC participants



* Complete primary series: One or two doses according to country policy | **Source:** WHO COVID-19 vaccine administration data system | **Notes:** Eritrea and DPR Korea have not started COVID-19 vaccination.

Healthcare worker vaccination coverage in reporting AMC participants



Aggregate view across AMC participants

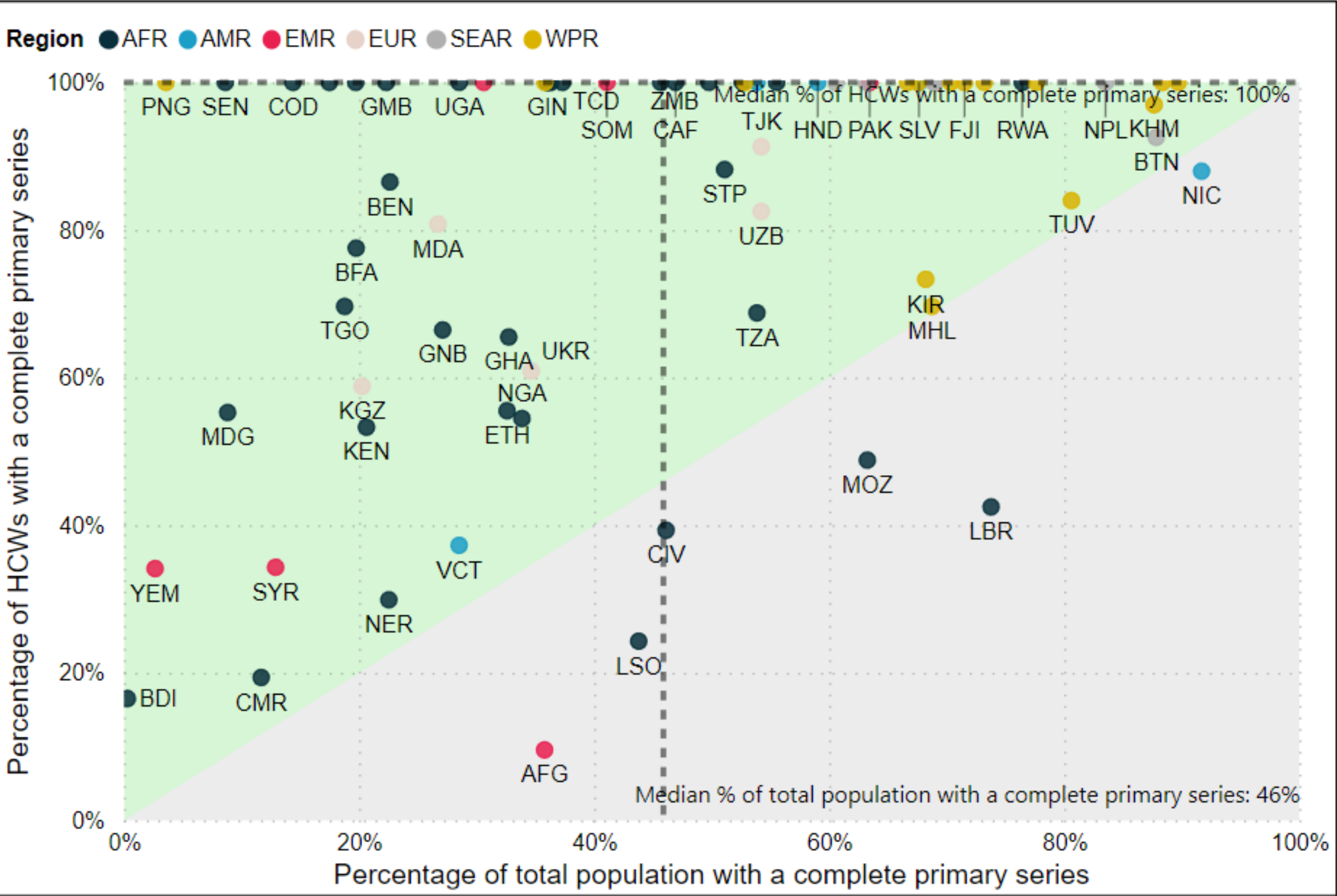
- 72 Number of AMC participants having reported at least once on healthcare worker vaccination coverage
- 19M Number of healthcare workers in reporting AMC participants
- 88 % Percent of healthcare workers in reporting AMC participants of total healthcare workers in all AMC
- 82 % Percent of total healthcare workers with a complete primary series across reporting AMC participants

Breakdown view by WHO region

Region	Count of part.	At least one dose coverage (% of tot. HCW pop.)	Complete primary series coverage (% of tot. healthcare worker pop.)	First booster coverage (% of tot. healthcare worker pop.)
AFR	34	78 %	64 %	11 %
AMR	5	98 %	98 %	76 %
EMR	7	60 %	59 %	45 %
EUR	5	71 %	70 %	16 %
SEAR	6	100 %	100 %	99 %
WPR	15	100 %	100 %	50 %
Total	72	86 %	82 %	57 %

* Complete primary series: One or two doses according to country policy | Sources: WHO/UNICEF eJRF and other monthly regional reporting systems; ILO health workforce data

Comparison of complete primary series coverage in total population and healthcare workers across reporting AMC participants



65 Number of AMC participants with complete primary series coverage of healthcare workers **greater** than total

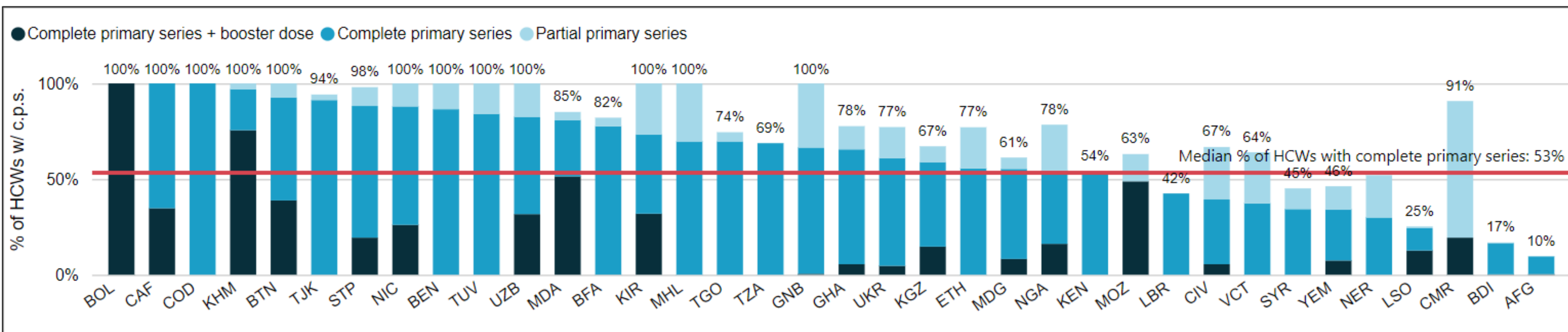
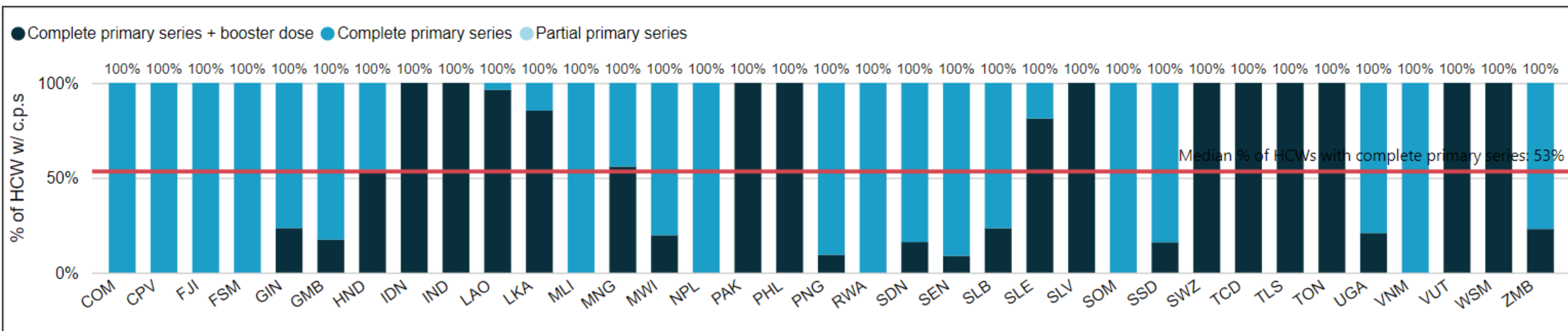
6 Number of AMC participants with complete primary series coverage of healthcare workers **lesser** than total

Comparison	Participants
AMC participants with complete primary series coverage of healthcare workers lesser than total	Afghanistan; Côte d'Ivoire; Liberia; Lesotho; Mozambique; Nicaragua
AMC participants with complete primary series coverage of healthcare workers greater than total	Burundi; Benin; Burkina Faso; Bolivia; Bhutan; CAR; Cameroon; DR Congo; Comoros; Cabo Verde; Ethiopia; Fiji; Micronesia; Ghana; Guinea; Gambia; Guinea-Bissau; Honduras; Indonesia; India; Kenya; Kyrgyzstan; Cambodia; Kiribati; Laos; Sri Lanka; Republic of Moldova; Madagascar; Marshall Islands; Mali; Mongolia; Malawi; Niger; Nigeria; Nepal; Pakistan; Philippines; Papua New Guinea; Rwanda; Sudan; Senegal; Solomon Islands; Sierra Leone; El Salvador; Somalia; South Sudan; Sao Tome & Principe; Eswatini; Syria; Chad; Togo; Tajikistan; Timor-Leste; Tonga; Tuvalu; Tanzania; Uganda; Ukraine; Uzbekistan; Saint Vincent & The Grenadines; Viet Nam; Vanuatu; Samoa; Yemen; Zambia

Greater percentage of healthcare workers with complete primary series Greater percentage of total population with complete primary series

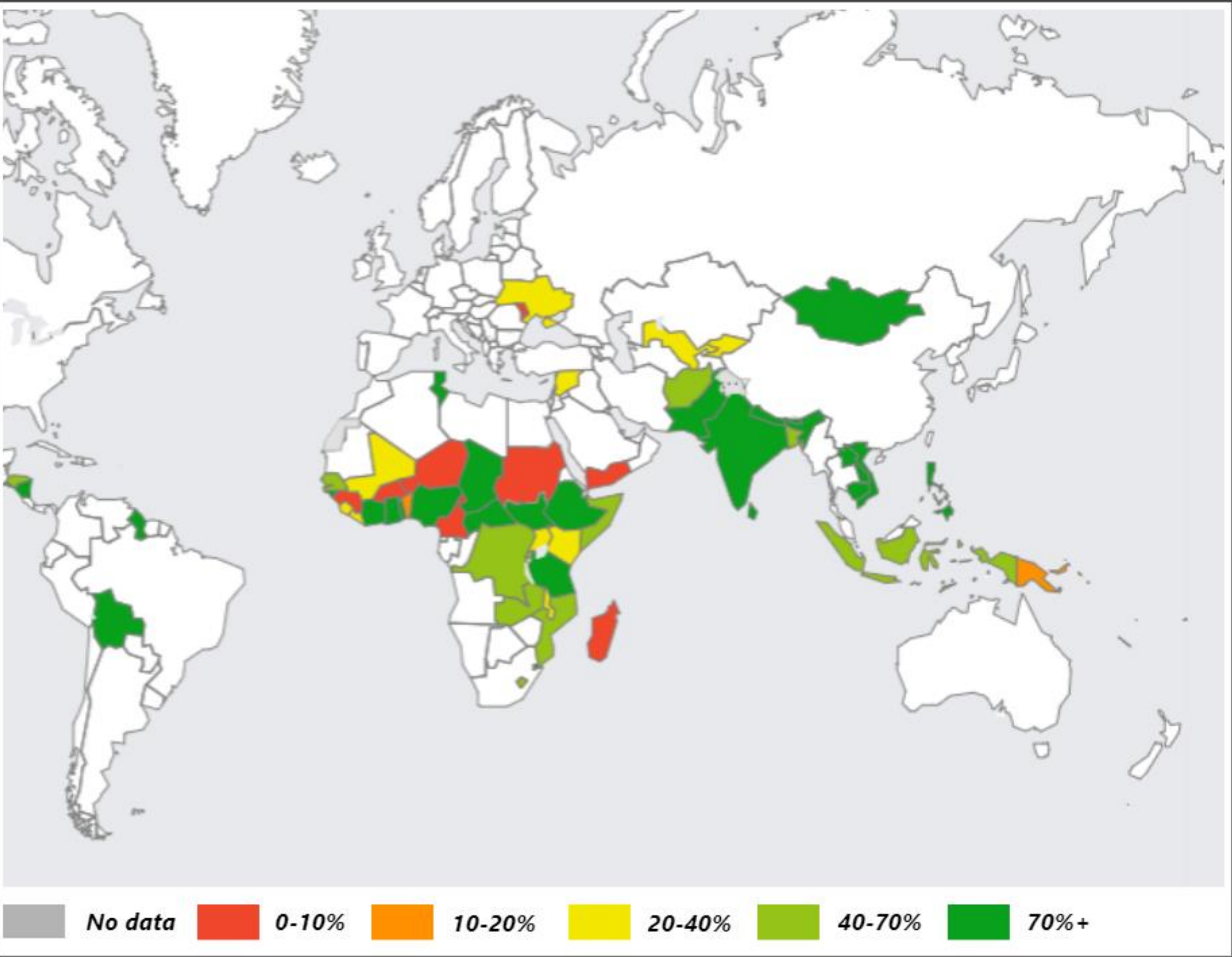
* Complete primary series: One or two doses according to country policy | **Source:** WHO/UNICEF eJRF and other monthly regional reporting systems; ILO health workforce data | **Note:** Percentage of healthcare workers with a complete primary series is capped at 100% in the event the number of individuals reported with a complete primary series is greater than total target population size.

Coverage of partial primary series, complete primary series, and booster / additional dose of HCW population across AMC participants



* Complete primary series: One or two doses according to country policy | **Source:** WHO/UNICEF eJRF and other monthly regional reporting systems; ILO health workforce data | **Note:** Percentage of healthcare workers fully vaccinated is capped at 100% in the event the number of individuals reported fully vaccinated is greater than total target population size.

Older adult vaccination coverage in reporting AMC participants



Aggregate view across AMC participants

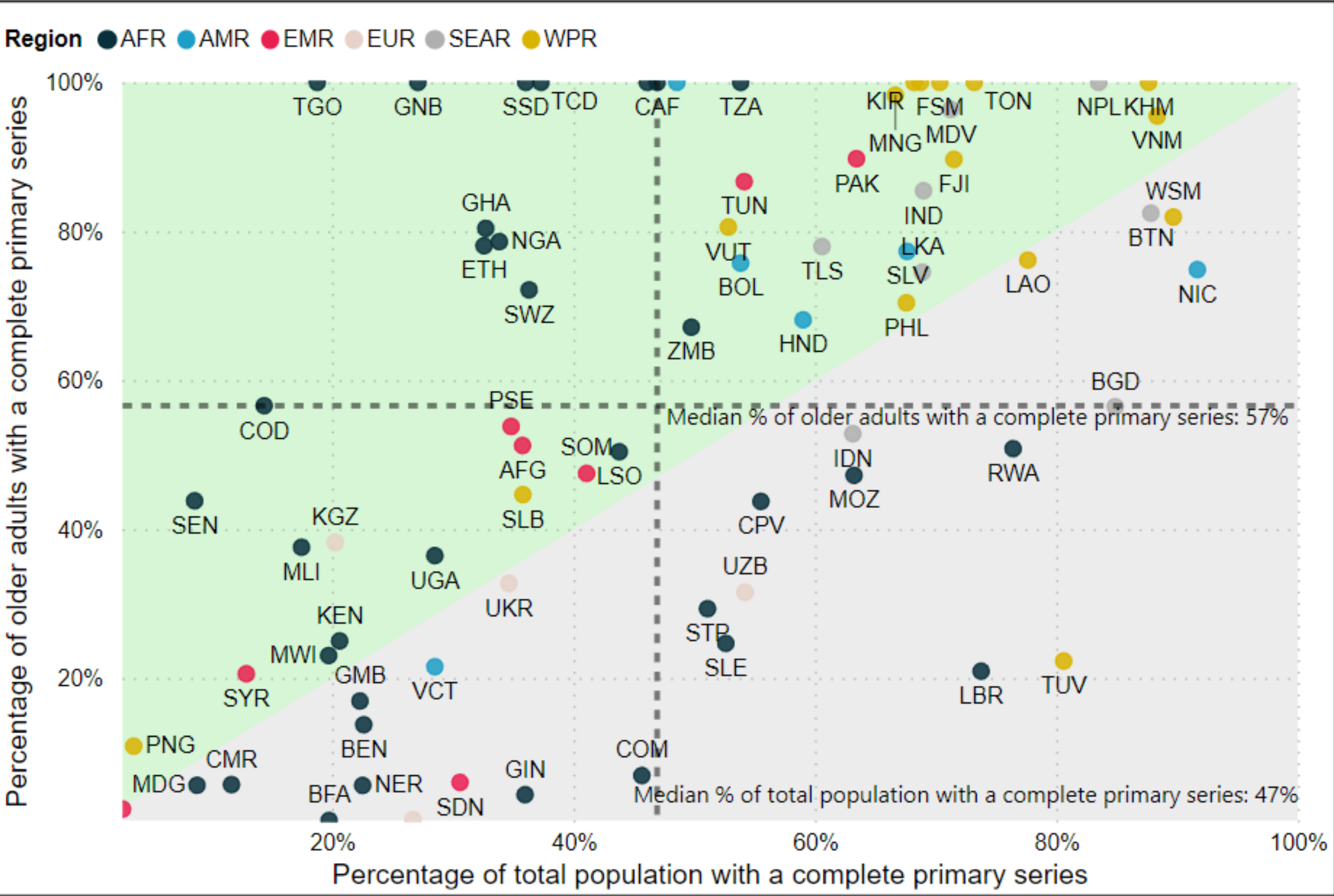
- 75 Number of AMC participants having reported at least once on older adult vaccination coverage
- 306M Number of country-defined older adults in reporting AMC participants
- 91 % Percent of older adults in AMC participants of total older adults in all AMC
- 69 % Percent of older adults with a complete primary series across reporting AMC participants

Breakdown view by WHO region

Region	Count of part.	At least one dose coverage (% of tot. older adult pop.)	Complete primary series coverage (% of tot. older adult pop.)	First booster coverage (% of tot. older adult pop.)
AFR	33	66 %	55 %	7 %
AMR	6	82 %	75 %	49 %
EMR	8	61 %	57 %	20 %
EUR	5	34 %	31 %	6 %
SEAR	8	84 %	79 %	30 %
WPR	15	81 %	78 %	18 %
Total	75	75 %	69 %	22 %

* Complete primary series: One or two doses according to country policy | Sources: WHO/UNICEF eJRF and other monthly regional reporting systems; ILO health workforce data

Comparison of complete primary series coverage in total population and older adults across reporting AMC participants



47 Number of AMC participants with complete primary series coverage of older adults **greater** than total

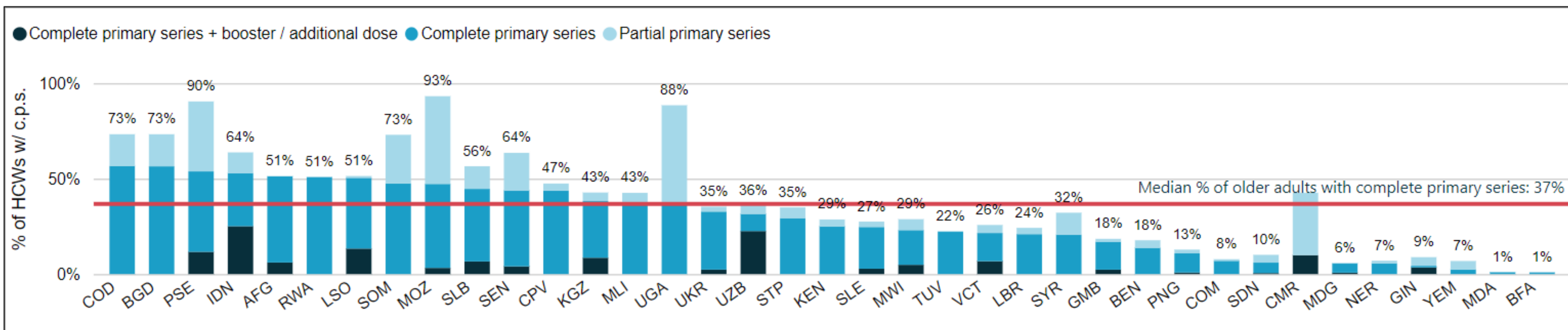
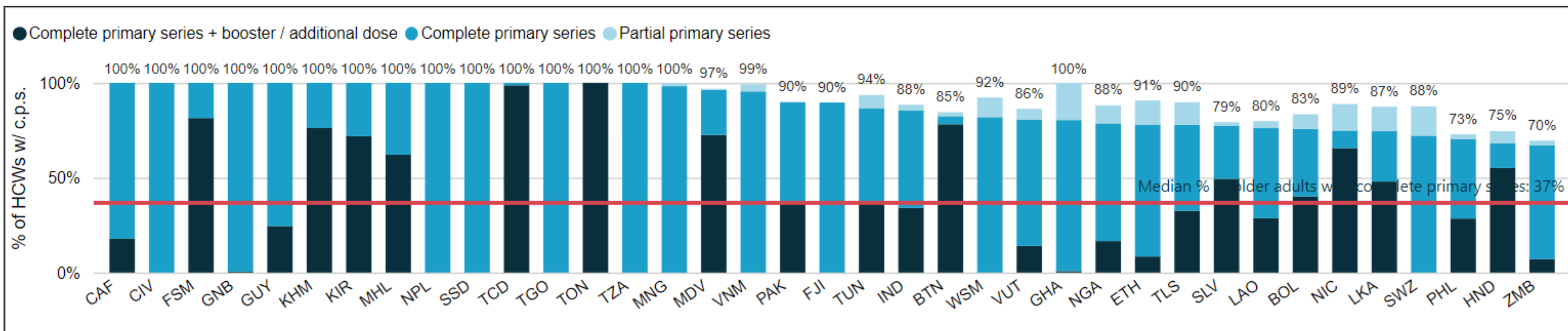
27 Number of AMC participants with complete primary series coverage of older adults **lesser** than total

Comparison	Participants
AMC participants with complete primary series coverage of older adults greater than total	▲ Afghanistan; Bolivia; CAR; Côte d'Ivoire; DR Congo; Ethiopia; Fiji; Micronesia; Ghana; Guinea-Bissau; Guyana; Honduras; India; Kenya; Kyrgyzstan; Cambodia; Kiribati; Sri Lanka; Lesotho; Maldives; Marshall Islands; Mali; Mongolia; Malawi; Nigeria; Nepal; Pakistan; Philippines; Papua New Guinea; West Bank and Gaza; Senegal; Solomon Islands; El Salvador; Somalia; South Sudan; Eswatini; Syria; Chad; Togo; Timor-Leste; Tonga; Tunisia; Tanzania; Uganda; Viet Nam; Vanuatu; Zambia
AMC participants with complete primary series coverage of older adults lesser than total	Benin; Burkina Faso; Bangladesh; Bhutan; Cameroon; Comoros; Cabo Verde; Guinea; Gambia; Indonesia; Laos; Liberia; Republic of Moldova; Madagascar; Mozambique; Niger; Nicaragua; Rwanda; Sudan; Sierra Leone; Sao Tome & Principe; Tuvalu; Ukraine; Uzbekistan; Saint Vincent & The Grenadines; Samoa; Yemen

Greater percentage of older adults with complete primary series Greater percentage of total population with complete primary series

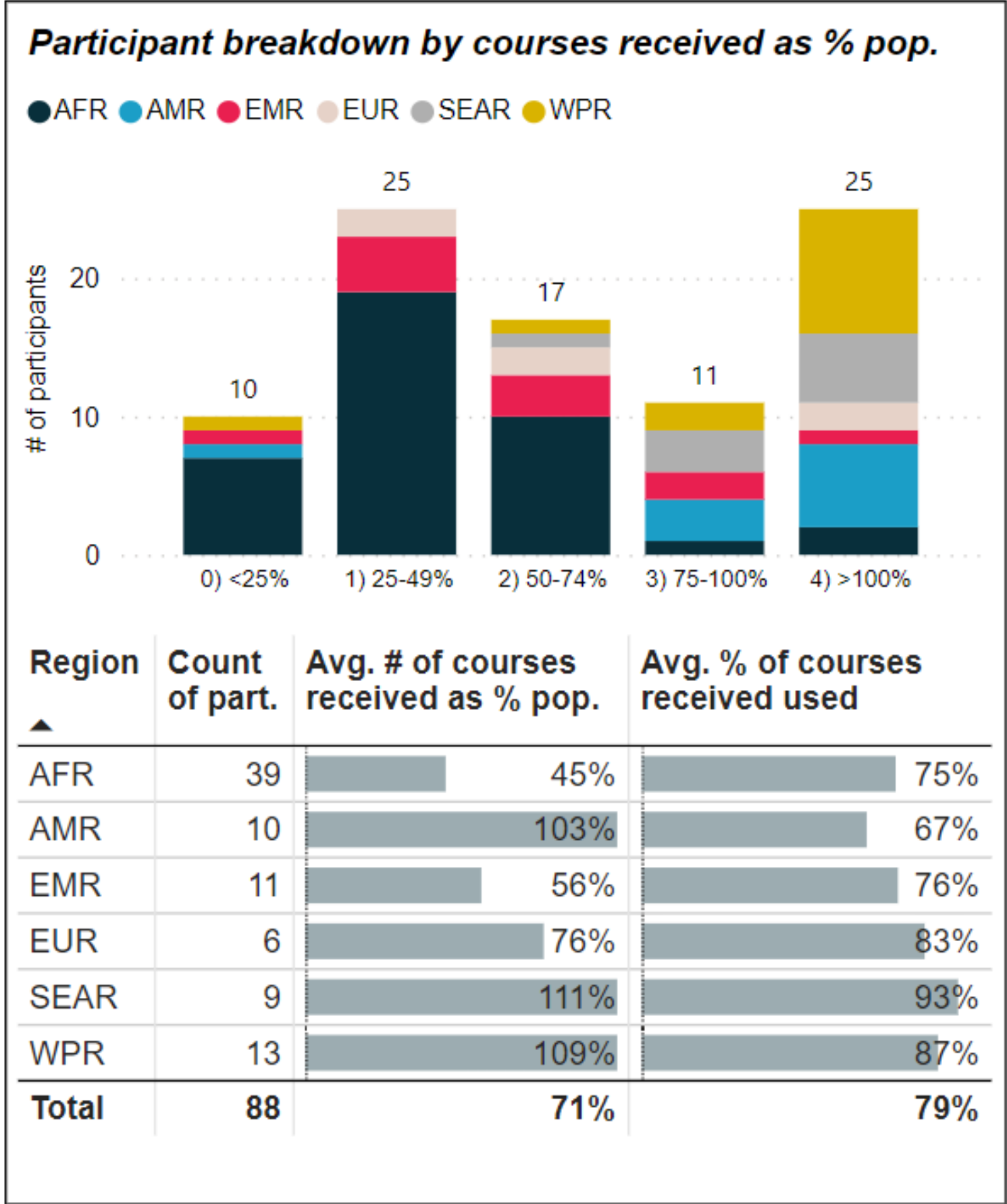
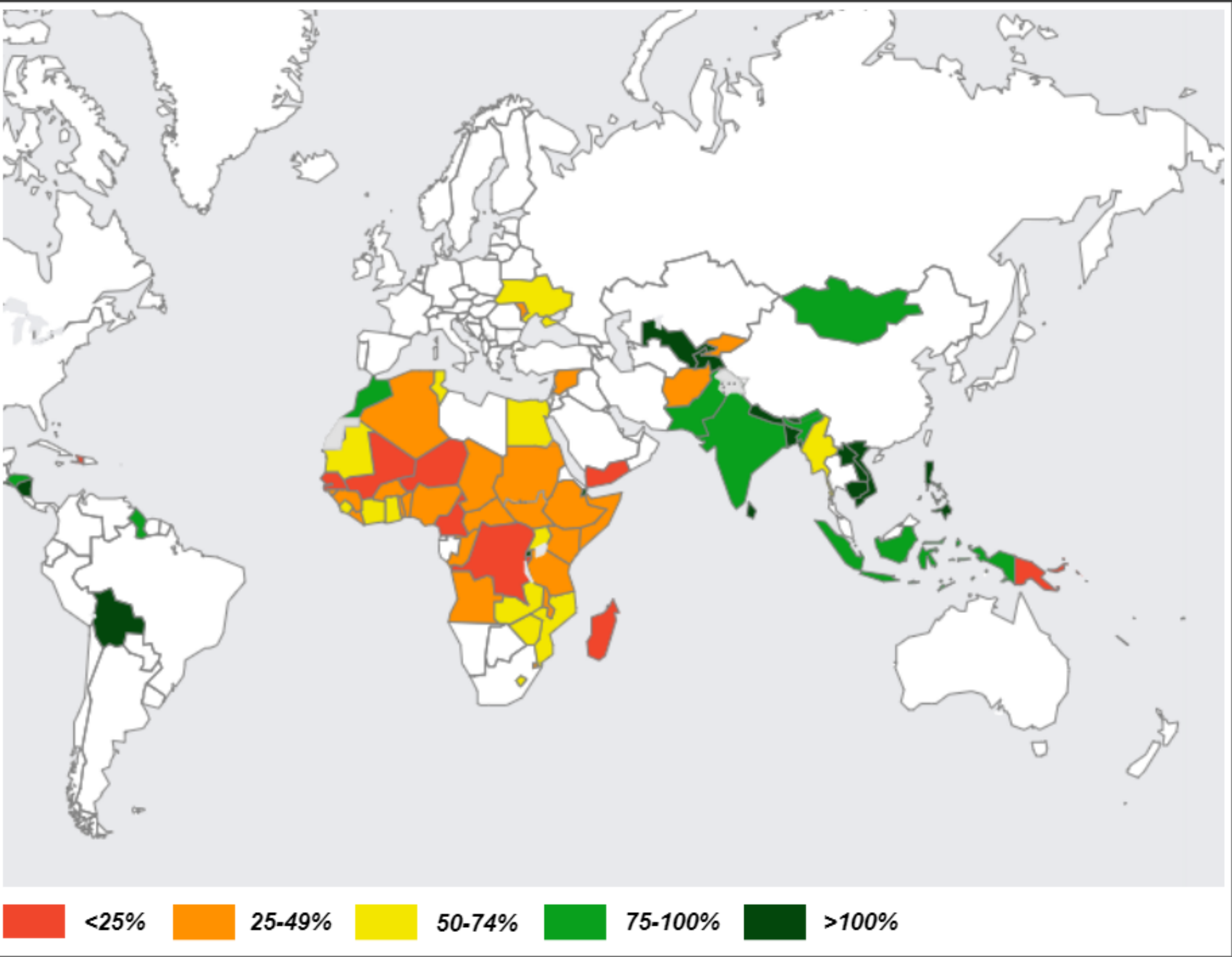
* Complete primary series: One or two doses according to country policy | **Source:** WHO/UNICEF eJRF and other monthly regional reporting systems | **Note:** Percentage of older adults with a complete primary series is capped at 100% in the event that the number of individuals reported with a complete primary series is greater than total target population size.

Coverage of partial primary series, complete primary series, and booster / additional dose of older adult population across AMC participants



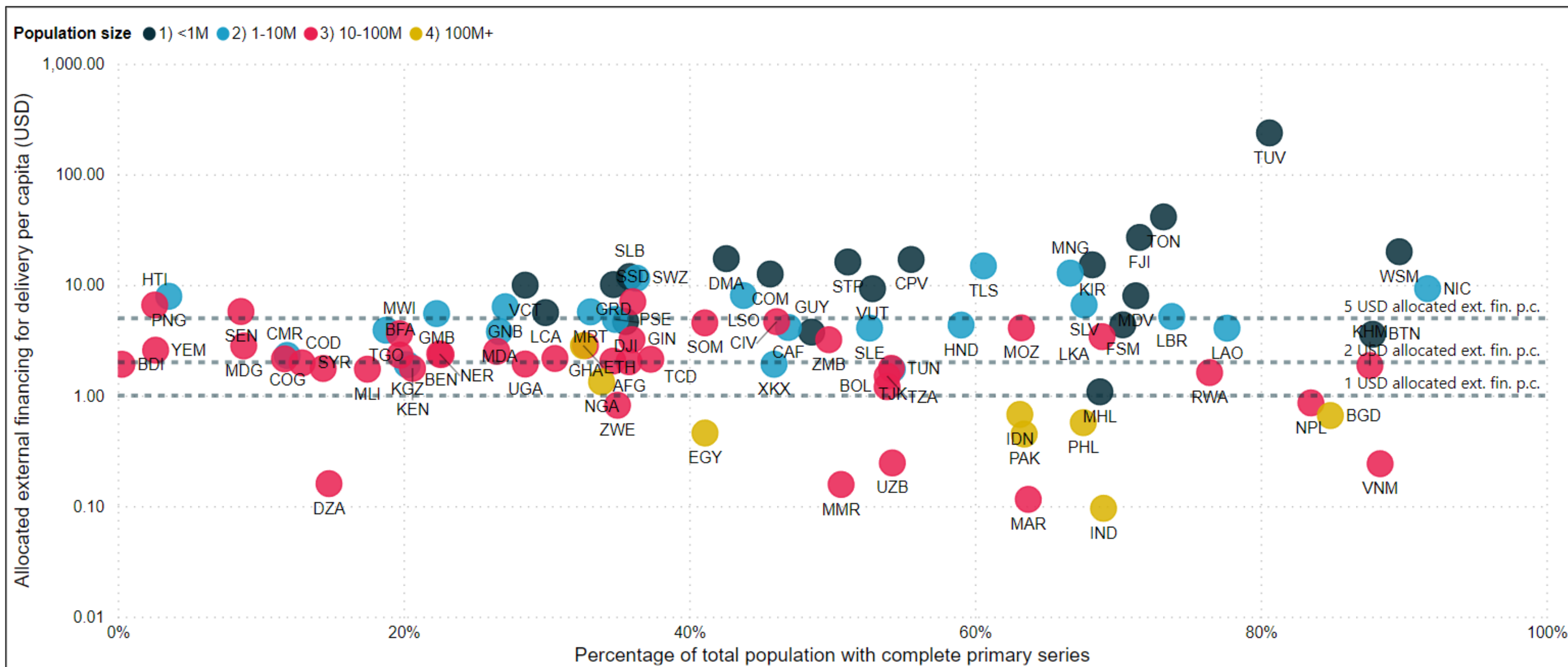
Source: WHO/UNICEF eJRF and other monthly regional reporting systems; ILO health workforce data | **Note:** Percentage of older adults fully vaccinated is capped at 100% in the event the number of individuals reported fully vaccinated is greater than total target population size.

Vaccine courses received as percent of population across AMC participants



Source: IMF-WHO COVID-19 Vaccine Supply Tracker; UNICEF COVID-19 Vaccine Market Dashboard | **Notes:** A vaccine course is the number of doses required for a given product for its primary series. Eritrea and DPR Korea have not started COVID-19 vaccination. Marshall Islands and Micronesia are not reflected in the UNICEF Market Dashboard.

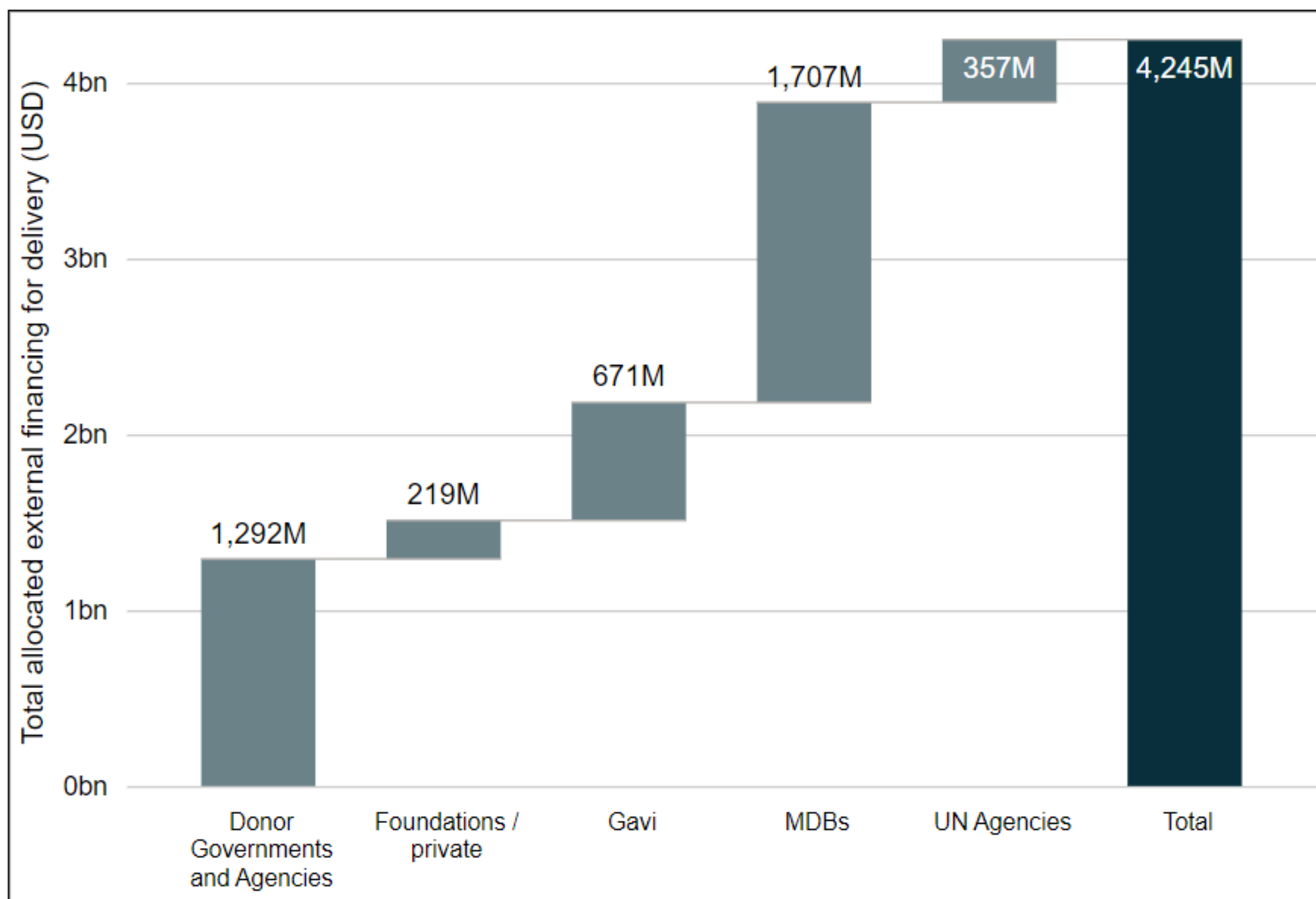
Percentage of total population fully vaccinated against allocated external financing per capita across AMC participants



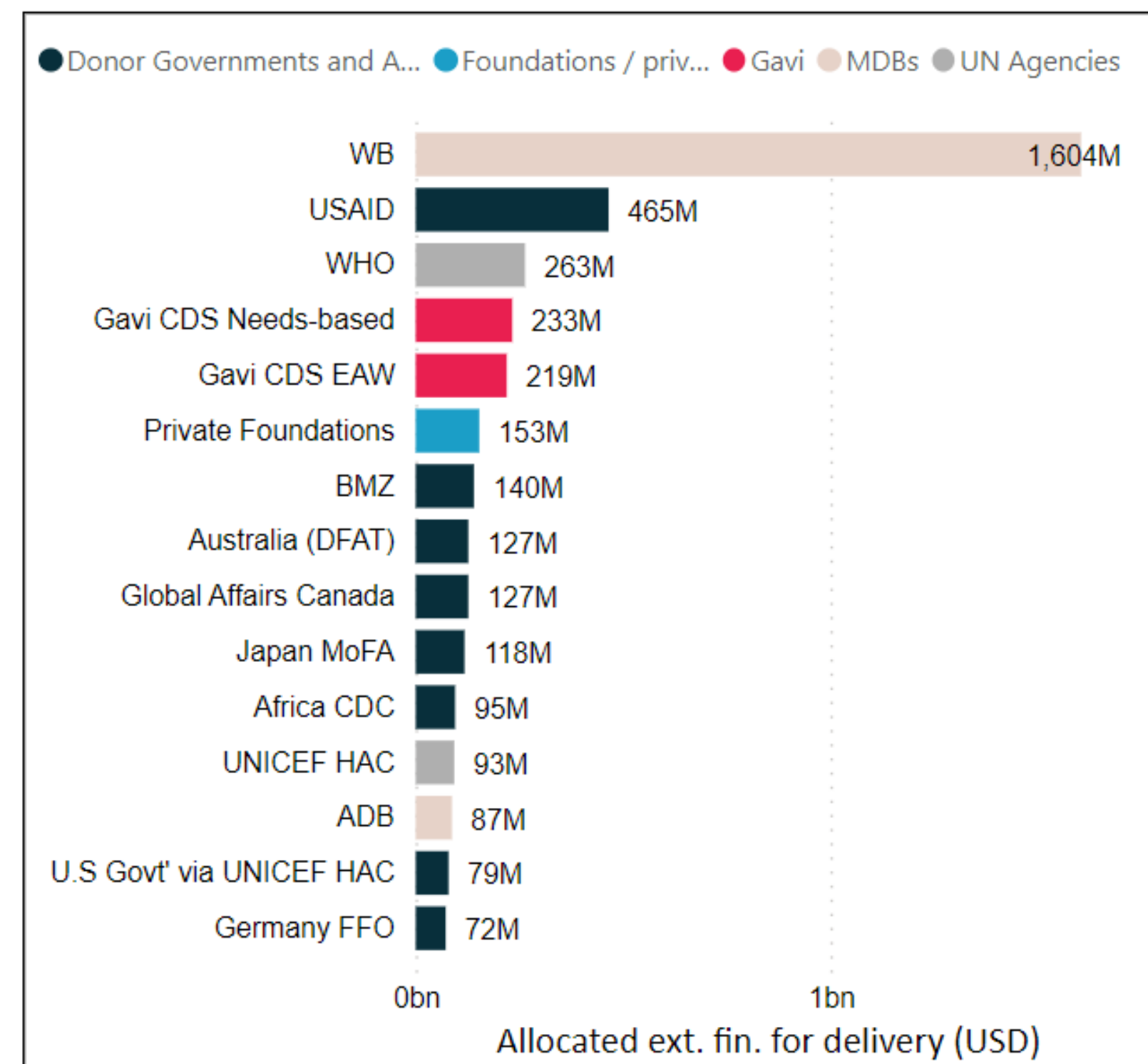
Source: UNICEF COVID-19 Vaccine Financial Monitoring Database | **Notes:** Allocated external financing refers to financing earmarked or pledged for a specific country, including both disbursed and non-disbursed financing options.

Breakdown of total allocated external financing for delivery by funder type and funder across AMC participants

Breakdown of total allocated external financing (USD) for vaccine delivery by funder category



Funders / funding mechanisms (15) with greatest total allocated financing (USD) for vaccine delivery



Source: UNICEF COVID-19 Vaccine Financial Monitoring Database | **Notes:** Allocated external financing refers to financing earmarked or pledged for a specific country, including both disbursed and non-disbursed financing options.

III. Countries for Concerted Support Analysis

Aggregate vaccine implementation figures across CS countries

Administration

Current	1-Month Change	
468M	12M	Total number of vaccine doses administered across AMC participants since implementation start
348M	8M	Total number of individuals with at least one dose across AMC participants
293M	8M	Total number of individuals with a complete primary series across AMC participants
39.8M	3M	Total number of individuals with at least one booster dose across AMC participants
0.03%	0%	Median 4-week average daily vaccination rate across AMC participants

Supply

35%	-0%	Median number of vaccine courses received as a percent of population across AMC participants
Forthcoming	Forthcoming	Number of AMC participants that have received supply of product with improved attributes

Financing

2.83	0	Median external allocated financing for vaccine delivery per capita across AMC participants
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Coverage

Current	1-Month Change	
<u>Health care workers</u>		
32	0	Number of AMC participants that have reported at least once on healthcare worker primary series uptake
54%	1%	Aggregate complete primary series coverage of healthcare workers across AMC participants
<u>Older adults</u>		
31	0	Number of AMC participants that have reported at least once on older adult primary series uptake
49 %	-0%	Aggregate complete primary series coverage of older adults across AMC participants
<u>Total population</u>		
28 %	+0.01%	Aggregate complete primary series coverage across AMC participants
4%	-0%	Aggregate coverage with at least one booster across AMC participants
<u>Humanitarian populations</u>		
Forthcoming	Forthcoming	Aggregate complete primary series coverage across areas with people in need of humanitarian assistance

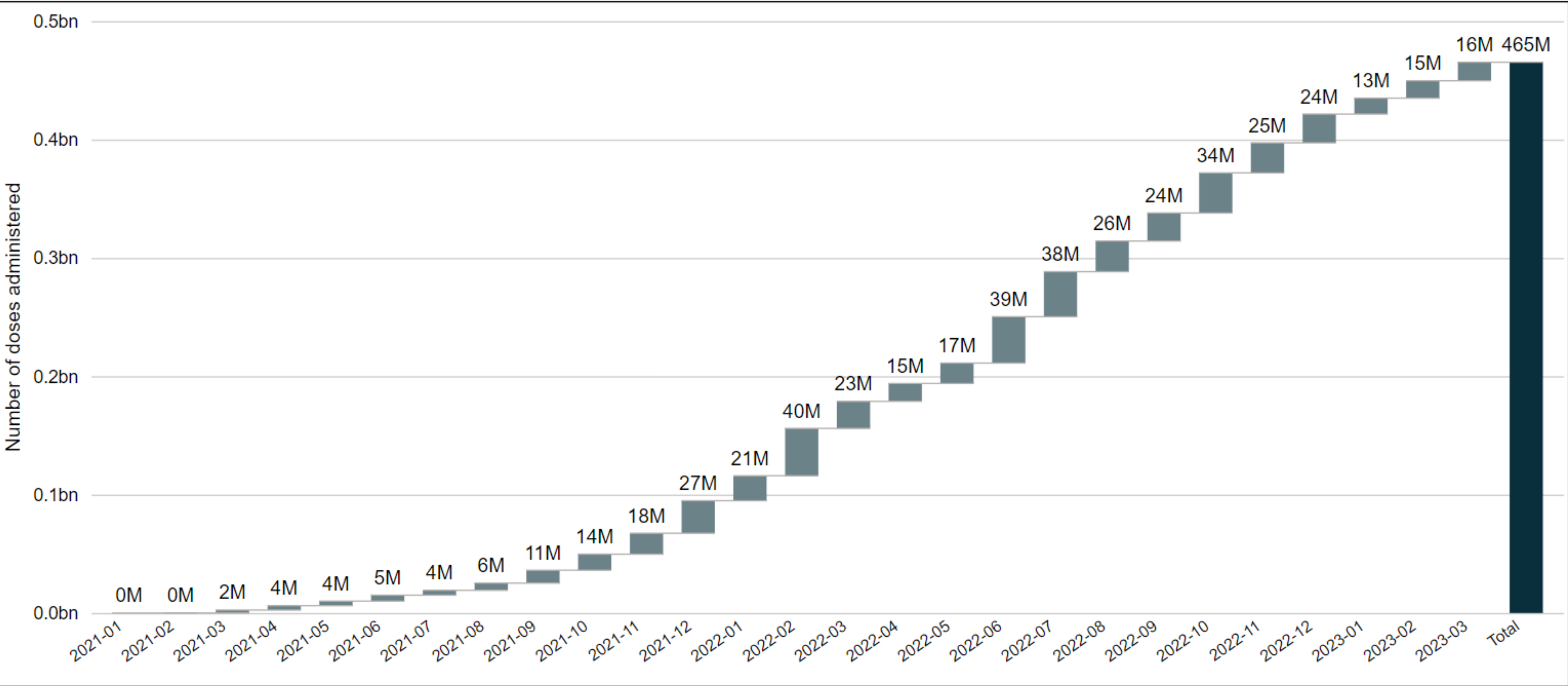
Sources: IMF-WHO COVID-19 Vaccine Supply Tracker; UNICEF COVID-19 Vaccine Market Dashboard; WHO COVID-19 vaccine administration data | **Notes:** A vaccine course is the number of doses required for a given product for its primary series.

Key vaccine implementation indicators across CS countries

Participant	Latest reporting date	Complete primary series coverage (% of tot. pop.)	First booster coverage (% of tot. pop.)	Complete primary series coverage in healthcare workers (% of tot. HCW pop.)	Complete primary series coverage in older adults (% of tot. older adult pop.)	Courses received used (% of tot. received)	4-wk av. daily vx rate (% pop. / day)	4-wk av. daily vx rate trend (past month)	Country cov. target (% of tot. pop.)	Country cov. target deadline	Country cov. target status
Afghanistan	16/04/2023	<div><div></div></div> 36%	<div><div></div></div> 3%	<div><div></div></div> 10%	<div><div></div></div> 51%	<div><div></div></div> 85%	0.02%	Downward	40%	31/12/2022	Deadline past
Burkina Faso	19/03/2023	<div><div></div></div> 20%	<div><div></div></div> 0%	<div><div></div></div> 78%	<div><div></div></div> 1%	<div><div></div></div> 73%	0.14%	Upward	70%	31/12/2022	Deadline past
Burundi	16/04/2023	<div><div></div></div> 0%	<div><div></div></div> 0%	<div><div></div></div> 17%		<div><div></div></div> 15%	0.00%	Stable	40%	31/12/2021	Deadline past
Cameroon	16/04/2023	<div><div></div></div> 12%	<div><div></div></div> 3%	<div><div></div></div> 19%	<div><div></div></div> 6%	<div><div></div></div> 77%	0.05%	Upward	20%	31/12/2022	Deadline past
CAR	26/03/2023	<div><div></div></div> 47%	<div><div></div></div> 5%	<div><div></div></div> 100%	<div><div></div></div> 100%	<div><div></div></div> 85%	0.11%	Upward	52%	31/12/2023	Off track
Chad	02/04/2023	<div><div></div></div> 37%	<div><div></div></div> 25%	<div><div></div></div> 100%	<div><div></div></div> 100%	<div><div></div></div> 80%	0.47%	Upward	48%	31/12/2022	Deadline past
Côte d'Ivoire	19/02/2023	<div><div></div></div> 46%	<div><div></div></div> 12%	<div><div></div></div> 39%	<div><div></div></div> 100%	<div><div></div></div> 97%	0.11%	Upward	70%	30/06/2022	Deadline past
Djibouti	16/04/2023	<div><div></div></div> 36%	<div><div></div></div> 0%			<div><div></div></div> 28%	0.01%	Stable	40%	01/06/2022	Deadline past
DR Congo	16/04/2023	<div><div></div></div> 14%	<div><div></div></div> 0%	<div><div></div></div> 100%	<div><div></div></div> 57%	<div><div></div></div> 55%	0.09%	Upward	45%	31/12/2022	Deadline past
Ethiopia	26/03/2023	<div><div></div></div> 33%	<div><div></div></div> 2%	<div><div></div></div> 56%	<div><div></div></div> 78%	<div><div></div></div> 78%	0.00%	Stable	46%	31/12/2022	Deadline past
Gabon	05/02/2023	<div><div></div></div> 12%	<div><div></div></div> 0%	<div><div></div></div> 26%	<div><div></div></div> 100%	<div><div></div></div> 37%	0.00%	Stable	70%	31/12/2021	Deadline past
Gambia	19/03/2023	<div><div></div></div> 22%	<div><div></div></div> 2%	<div><div></div></div> 100%	<div><div></div></div> 17%	<div><div></div></div> 74%	0.00%	Stable	60%	31/12/2023	Off track
Ghana	26/03/2023	<div><div></div></div> 33%	<div><div></div></div> 13%	<div><div></div></div> 66%	<div><div></div></div> 80%	<div><div></div></div> 77%	0.00%	Stable	72%	31/12/2023	Off track
Guinea	02/04/2023	<div><div></div></div> 36%	<div><div></div></div> 2%	<div><div></div></div> 100%	<div><div></div></div> 4%	<div><div></div></div> 100%	0.00%	Downward	63%	31/12/2023	Off track
Guinea-Bissau	16/04/2023	<div><div></div></div> 27%	<div><div></div></div> 3%	<div><div></div></div> 66%	<div><div></div></div> 100%	<div><div></div></div> 58%	0.39%	Upward	70%	31/12/2023	On track
Haiti	07/04/2023	<div><div></div></div> 3%	<div><div></div></div> 0%			<div><div></div></div> 53%	0.03%	Upward	70%	30/06/2022	Deadline past
Kenya	02/04/2023	<div><div></div></div> 21%	<div><div></div></div> 4%	<div><div></div></div> 53%	<div><div></div></div> 25%	<div><div></div></div> 79%	0.02%	Upward	60%	31/12/2022	Deadline past
Madagascar	16/04/2023	<div><div></div></div> 9%	<div><div></div></div> 1%	<div><div></div></div> 55%	<div><div></div></div> 6%	<div><div></div></div> 48%	0.02%	Upward	51%	30/06/2023	Off track
Malawi	09/04/2023	<div><div></div></div> 20%	<div><div></div></div> 5%	<div><div></div></div> 100%	<div><div></div></div> 23%	<div><div></div></div> 83%	0.04%	Upward	70%	30/06/2023	Off track
Mali	16/04/2023	<div><div></div></div> 17%	<div><div></div></div> 0%	<div><div></div></div> 100%	<div><div></div></div> 38%	<div><div></div></div> 79%	0.07%	Stable	47%	31/12/2022	Deadline past
Niger	12/03/2023	<div><div></div></div> 23%	<div><div></div></div> 0%	<div><div></div></div> 30%	<div><div></div></div> 6%	<div><div></div></div> 94%	0.01%	Upward	43%	31/12/2022	Deadline past
Nigeria	19/03/2023	<div><div></div></div> 34%	<div><div></div></div> 6%	<div><div></div></div> 54%	<div><div></div></div> 79%	<div><div></div></div> 94%	0.05%	Stable	36%	31/12/2022	Deadline past
Papua New Guinea	02/04/2023	<div><div></div></div> 4%	<div><div></div></div> 0%	<div><div></div></div> 100%	<div><div></div></div> 11%	<div><div></div></div> 43%	0.00%	Stable	20%	31/12/2022	Deadline past
Senegal	09/04/2023	<div><div></div></div> 9%	<div><div></div></div> 5%	<div><div></div></div> 100%	<div><div></div></div> 44%	<div><div></div></div> 54%	0.00%	Downward	53%	31/12/2022	Deadline past
Sierra Leone	26/03/2023	<div><div></div></div> 53%	<div><div></div></div> 9%	<div><div></div></div> 100%	<div><div></div></div> 25%	<div><div></div></div> 90%	0.32%	Upward	40%	30/06/2022	Goal met
Solomon Islands	20/03/2023	<div><div></div></div> 36%	<div><div></div></div> 4%	<div><div></div></div> 100%	<div><div></div></div> 45%	<div><div></div></div> 89%	0.04%	Stable	50%	31/12/2022	Deadline past
Somalia	02/01/2023	<div><div></div></div> 41%	<div><div></div></div> 0%	<div><div></div></div> 100%	<div><div></div></div> 47%	<div><div></div></div> 75%	0.09%	Upward	40%	01/12/2022	Goal met
South Sudan	16/04/2023	<div><div></div></div> 36%	<div><div></div></div> 4%	<div><div></div></div> 100%	<div><div></div></div> 100%	<div><div></div></div> 78%	0.29%	Upward	50%	31/12/2022	Deadline past
Sudan	02/04/2023	<div><div></div></div> 31%	<div><div></div></div> 9%	<div><div></div></div> 100%	<div><div></div></div> 6%	<div><div></div></div> 83%	0.33%	Upward	20%	30/06/2022	Goal met
Syria	16/01/2023	<div><div></div></div> 13%	<div><div></div></div> 0%	<div><div></div></div> 34%	<div><div></div></div> 21%	<div><div></div></div> 47%	0.01%	Downward	70%	31/12/2022	Deadline past
Tanzania	12/03/2023	<div><div></div></div> 54%	<div><div></div></div> 0%	<div><div></div></div> 69%	<div><div></div></div> 100%	<div><div></div></div> 93%	0.05%	Downward	70%	30/10/2022	Deadline past
Uganda	26/03/2023	<div><div></div></div> 29%	<div><div></div></div> 2%	<div><div></div></div> 100%	<div><div></div></div> 36%	<div><div></div></div> 55%	0.00%	Stable	67%	31/12/2022	Deadline past
Yemen	04/04/2023	<div><div></div></div> 3%	<div><div></div></div> 0%	<div><div></div></div> 34%	<div><div></div></div> 2%	<div><div></div></div> 59%	0.00%	Upward	20%	31/12/2022	Deadline past
Zambia	09/04/2023	<div><div></div></div> 50%	<div><div></div></div> 6%	<div><div></div></div> 100%	<div><div></div></div> 67%	<div><div></div></div> 73%	0.00%	Stable	46%	31/12/2023	Goal met

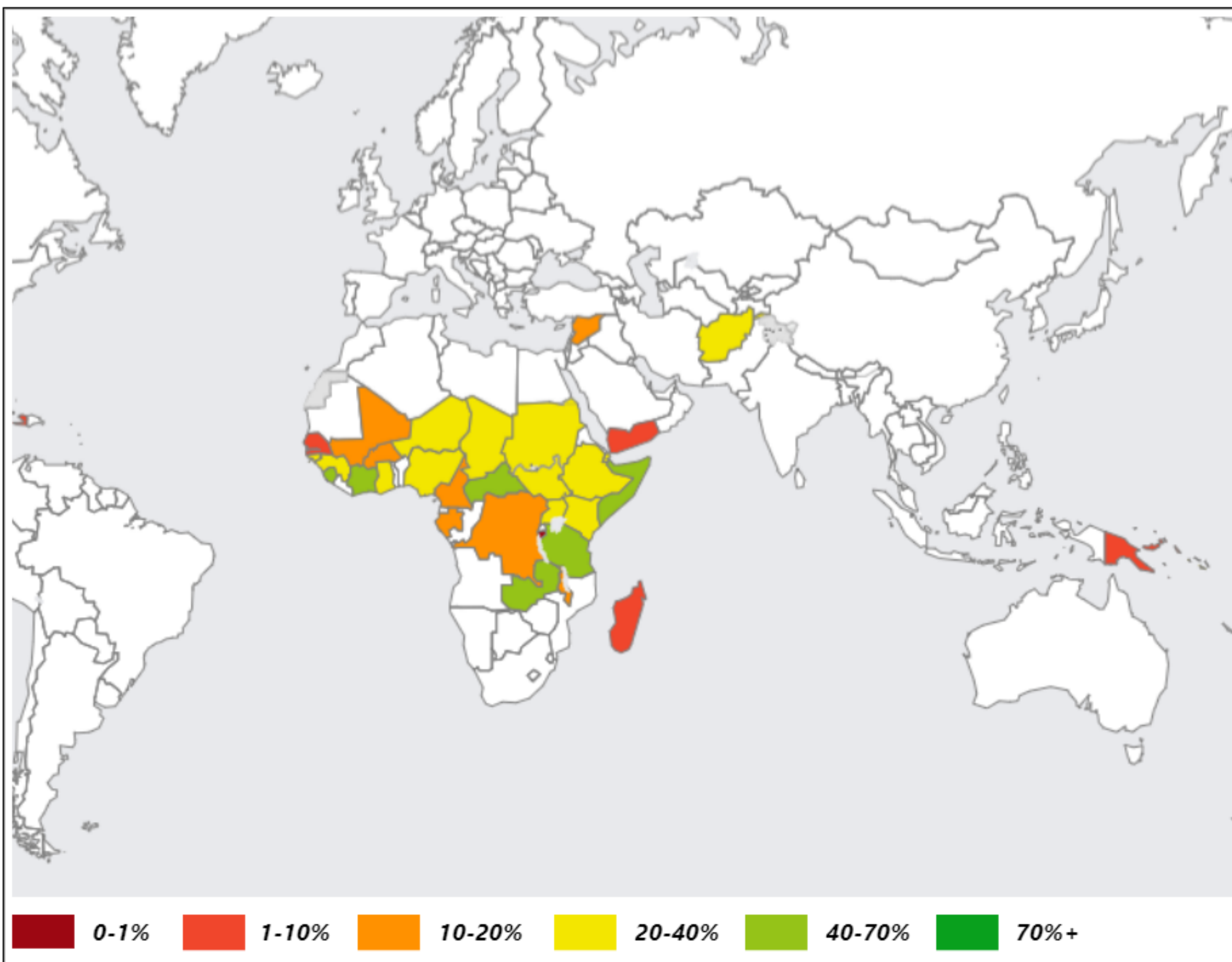
* Complete primary series: One or two doses according to country policy | **Sources:** IMF-WHO COVID-19 Vaccine Supply Tracker; UNICEF COVID-19 Vaccine Market Dashboard; WHO C19 vaccine administration data

Aggregate, historical dose absorption by month across the CS countries portfolio for the January 2021 - March 2023 period

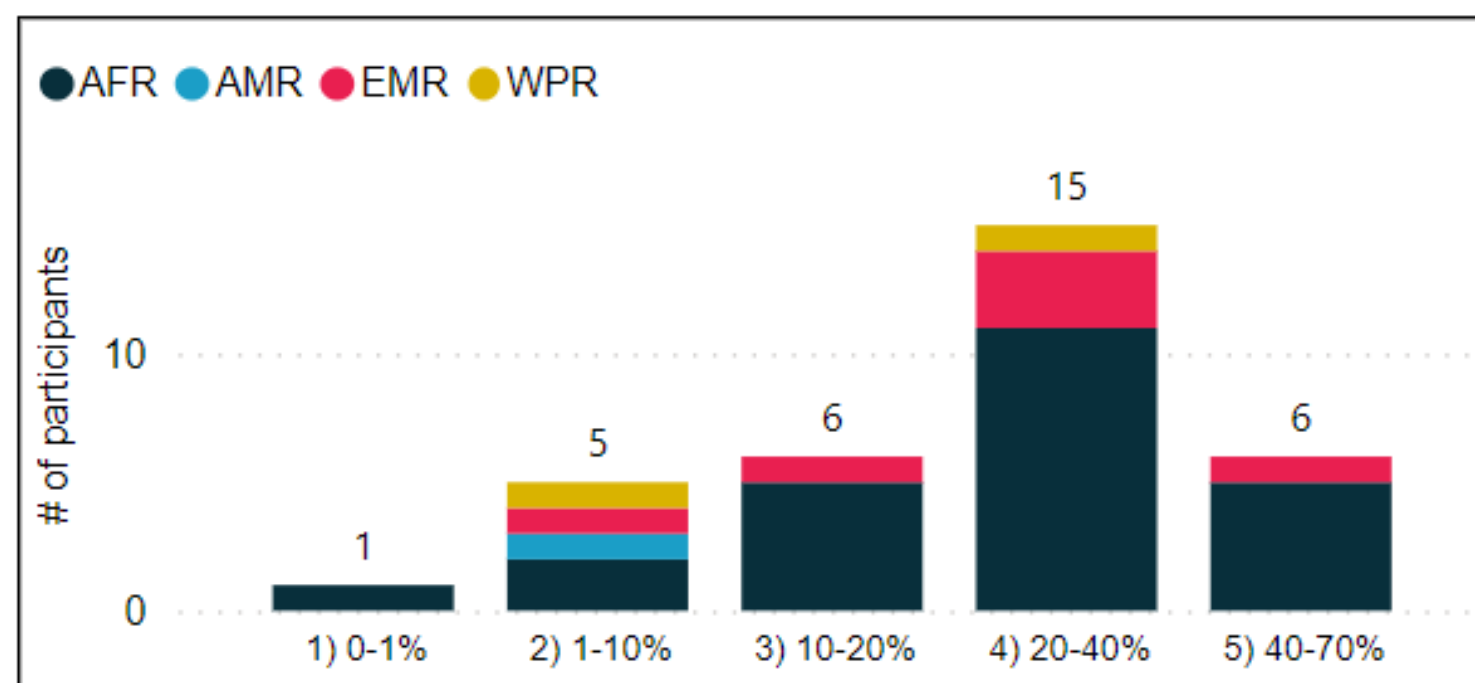


Source: WHO COVID-19 vaccine administration data system

Complete primary series coverage across CS countries



Participant count by complete primary series coverage category

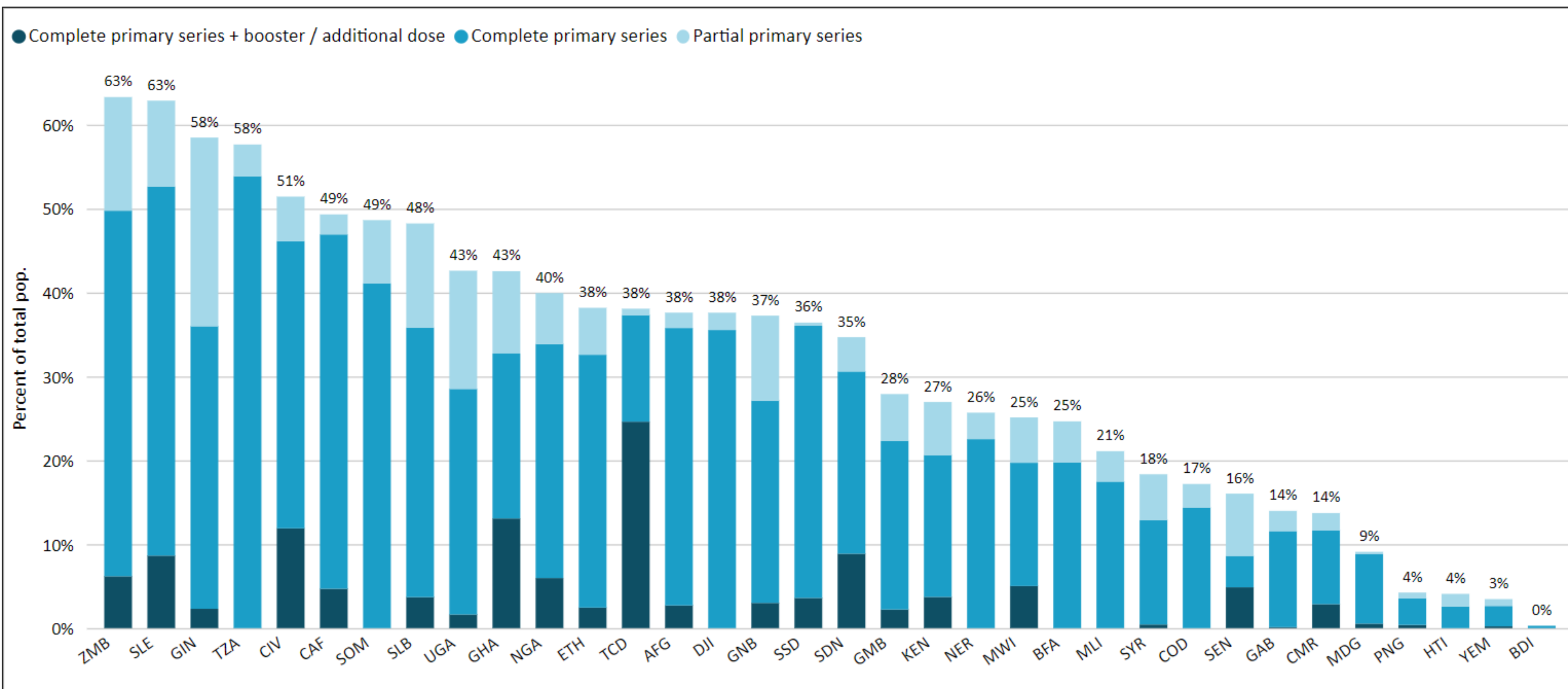


Breakdown view by WHO region

Region	Count of part.	At least one dose coverage (% of tot. pop.)	Complete primary series coverage (% of tot. pop.)	First booster coverage (% of tot. pop.)
AFR	25	35 %	29 %	4 %
AMR	1	4 %	3 %	0 %
EMR	6	29 %	25 %	3 %
WPR	2	7 %	6 %	1 %
Total	34	33 %	28 %	4 %

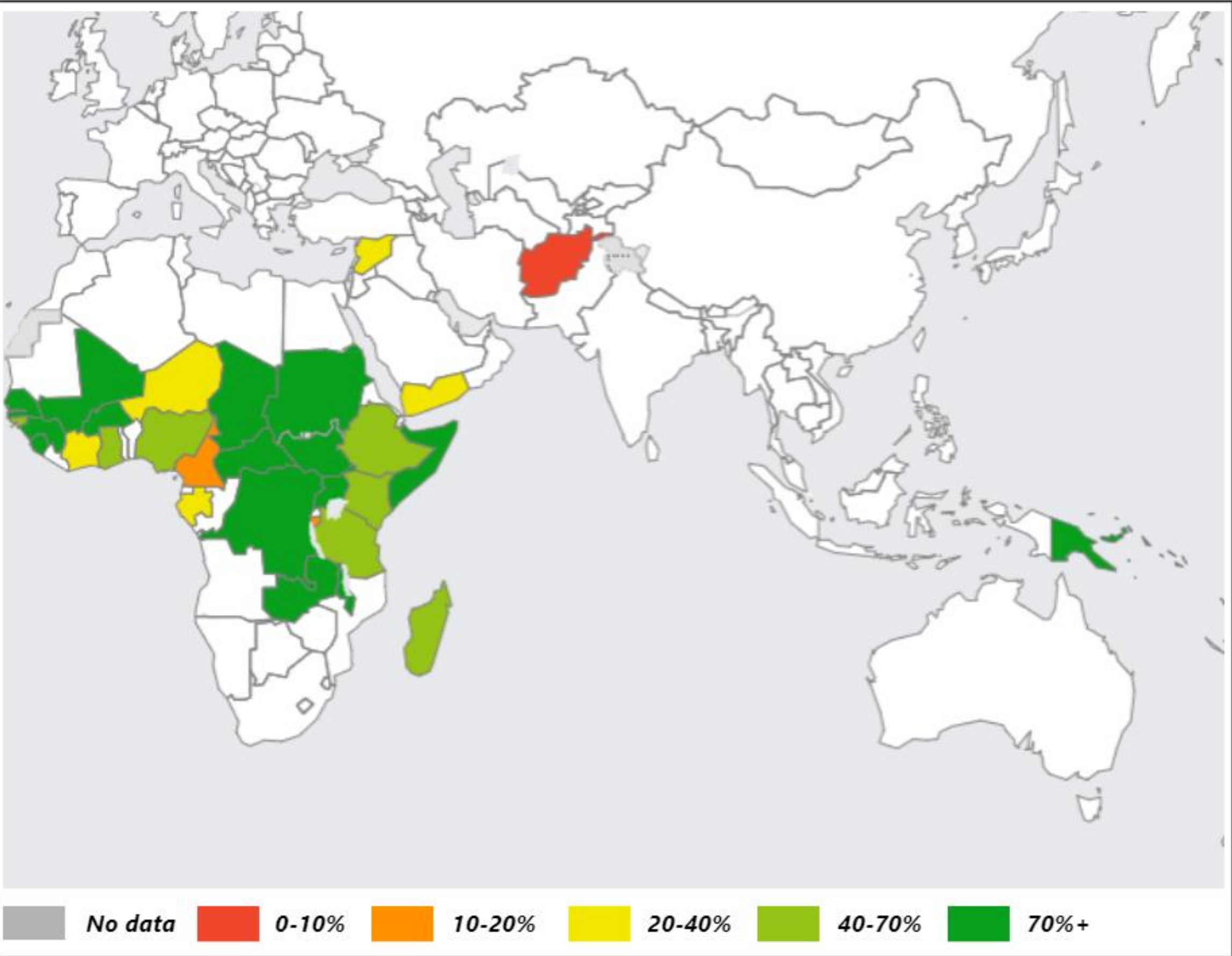
* Complete primary series: One or two doses according to country policy | **Source:** WHO COVID-19 vaccine administration data system | **Notes:** Eritrea and DPR Korea have not started COVID-19 vaccination.

Coverage of partial primary series, complete primary series, and booster / additional dose across CS countries



* Complete primary series: One or two doses according to country policy | **Source:** WHO COVID-19 vaccine administration data system | **Notes:** Eritrea and DPR Korea have not started COVID-19 vaccination.

Healthcare worker vaccination coverage across reporting CS countries



Aggregate view across CS countries

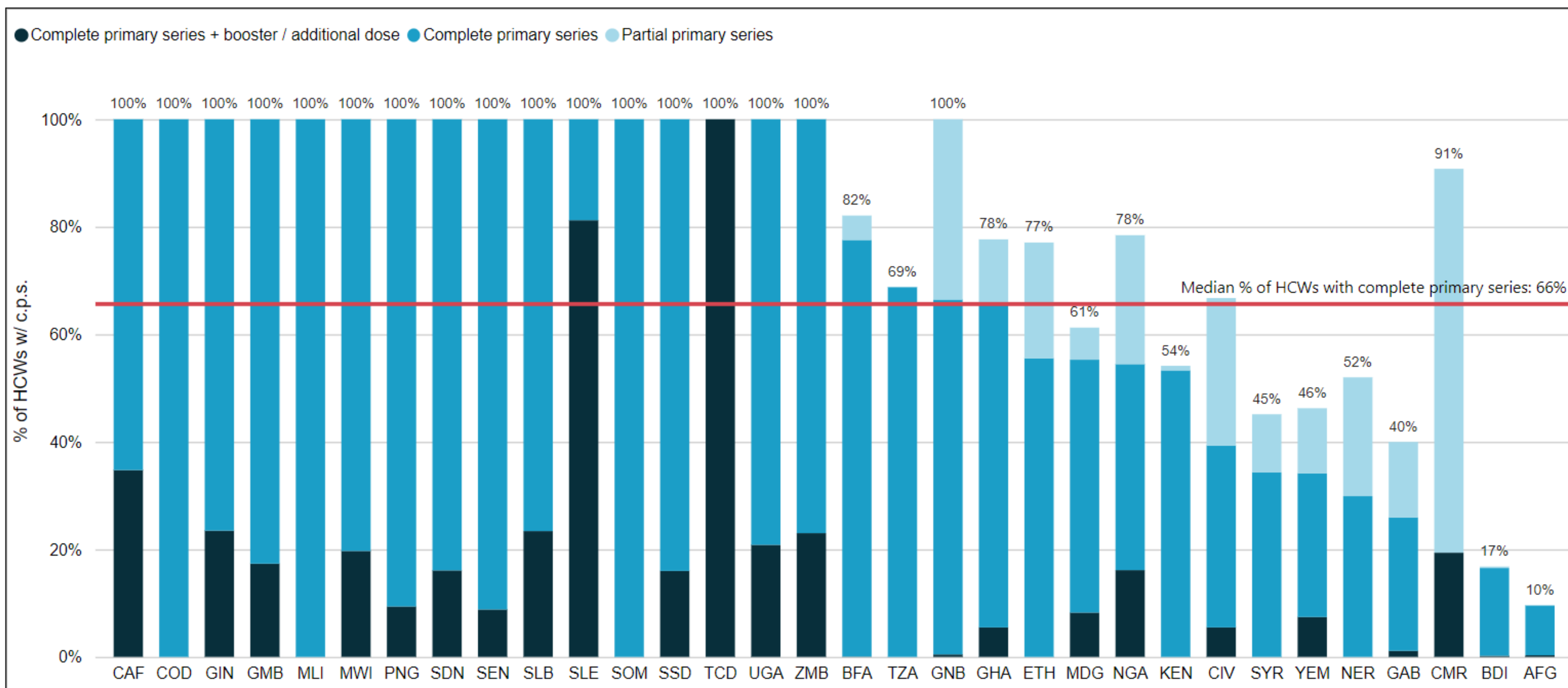
- 32 Number of CS countries having reported at least once on healthcare worker vaccination coverage
- 5M Number of healthcare workers in reporting CS countries
- 99 % Percent of healthcare workers in reporting CS countries of total healthcare workers in all CS countries
- 54 % Percent of total healthcare workers with a complete primary series across reporting CS countries

Breakdown view by WHO region

Region	Count of part.	At least one dose coverage (% of tot. HCW pop.)	Complete primary series coverage (% of tot. healthcare worker pop.)	First booster coverage (% of tot. healthcare worker pop.)
AFR	25	79 %	64 %	10 %
EMR	5	29 %	27 %	3 %
WPR	2	100 %	100 %	14 %
Total	32	65 %	54 %	8 %

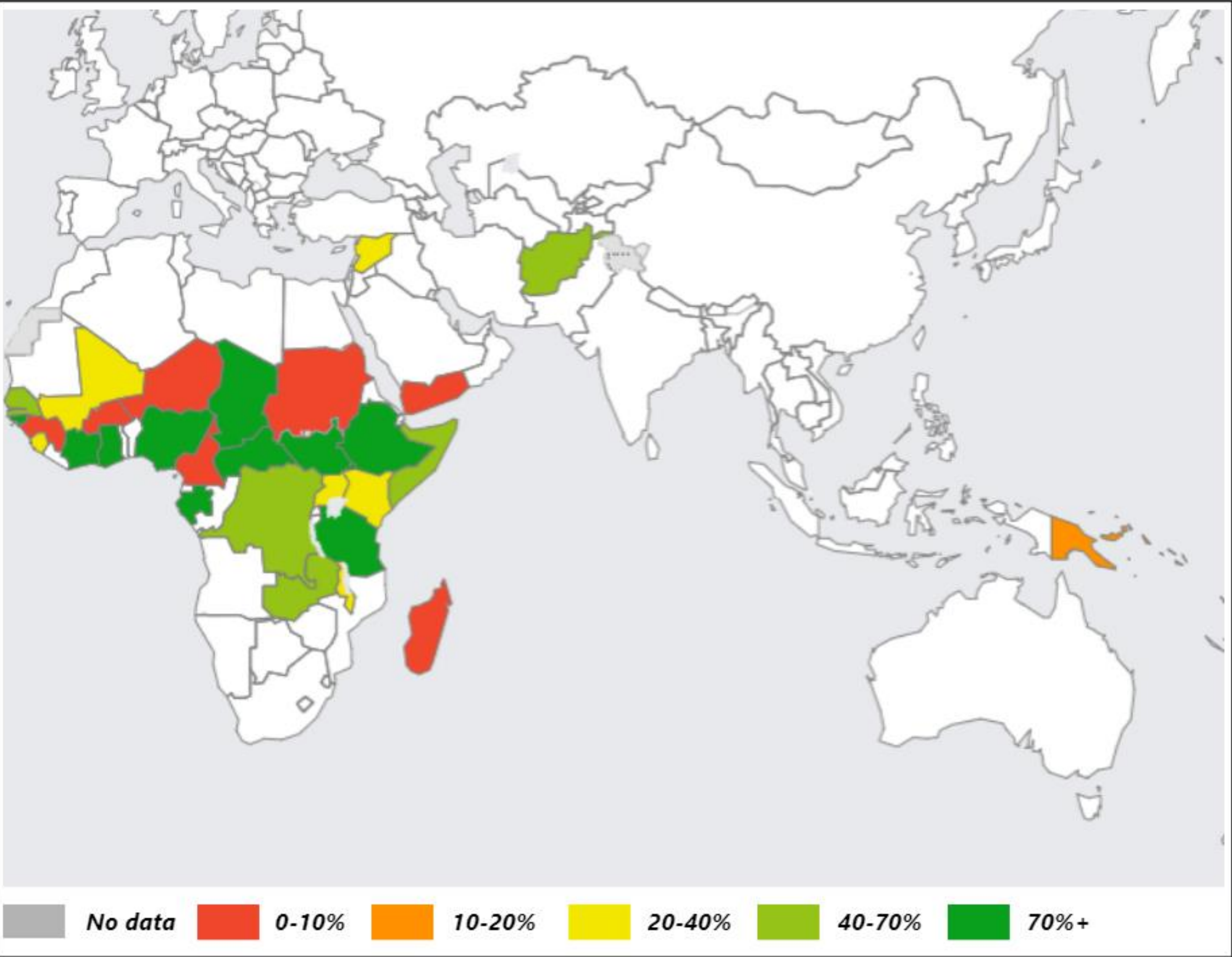
* Complete primary series: One or two doses according to country policy | Sources: WHO/UNICEF eJRF and other monthly regional reporting systems; ILO health workforce data

Coverage of partial primary series, complete primary series, and booster / additional dose of healthcare worker population across CS countries



* Complete primary series: One or two doses according to country policy | **Source:** WHO/UNICEF eJRF and other monthly regional reporting systems; ILO health workforce data | **Note:** Percentage of healthcare workers fully vaccinated is capped at 100% in the event the number of individuals reported fully vaccinated is greater than total target population size.

Older adult vaccination coverage in reporting CS countries



Aggregate view across CS countries

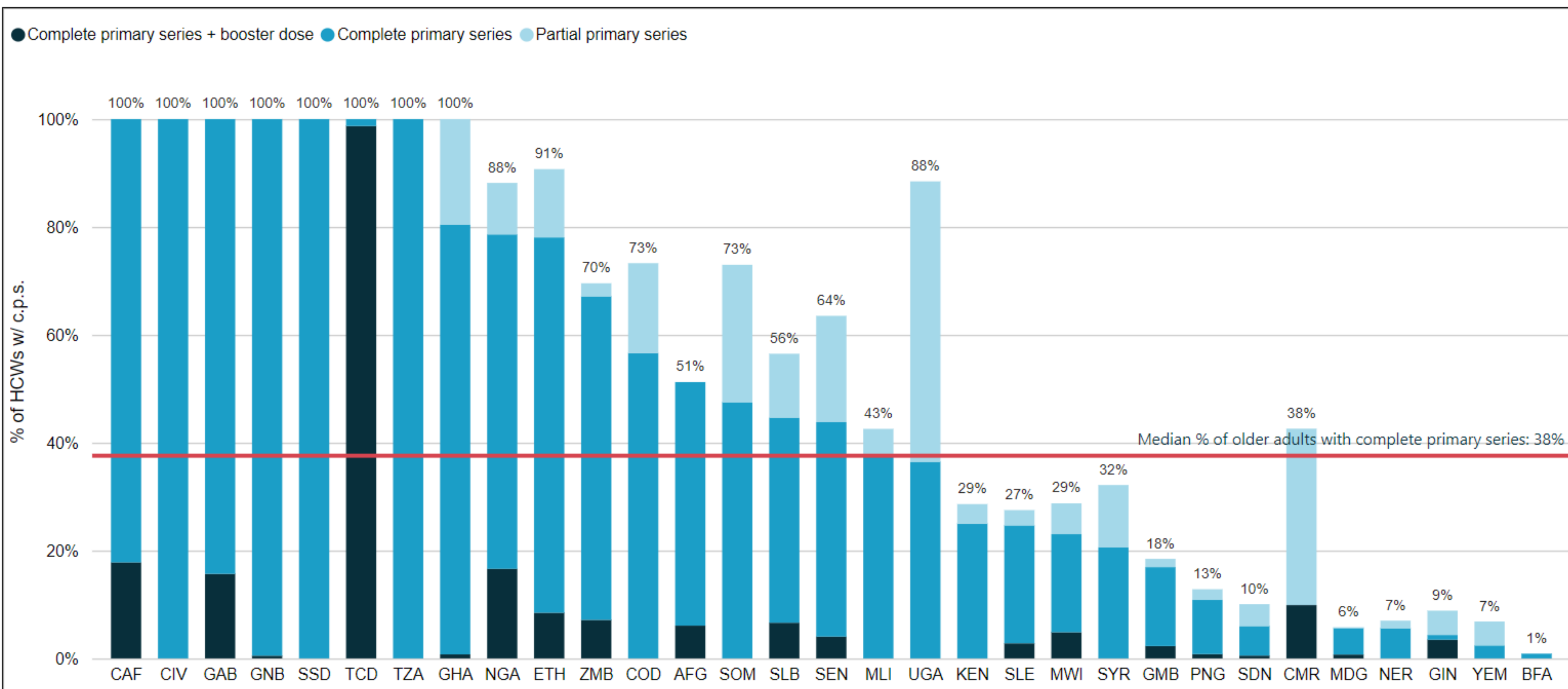
- 31 Number of CS countries having reported at least once on older adult vaccination coverage
- 49M Number of country-defined older adults in reporting CS countries
- 98 % Percent of older adults in CS countries of total older adults in all CS countries
- 49 % Percent of older adults with a complete primary series across reporting CS countries

Breakdown view by WHO region

Region	Count of part.	At least one dose coverage (% of tot. older adult pop.)	Complete primary series coverage (% of tot. older adult pop.)	First booster coverage (% of tot. older adult pop.)
AFR	24	67 %	56 %	7 %
EMR	5	27 %	21 %	2 %
WPR	2	14 %	12 %	1 %
Total	31	59 %	49 %	6 %

* Complete primary series: One or two doses according to country policy | Sources: WHO/UNICEF eJRF and other monthly regional reporting systems; ILO health workforce data

Coverage of partial primary series, complete primary series, and booster / additional dose of older adult population across CS countries



Source: WHO/UNICEF eJRF and other monthly regional reporting systems; ILO health workforce data | **Note:** Percentage of older adults fully vaccinated is capped at 100% in the event the number of individuals reported fully vaccinated is greater than total target population size.

Annexes

Annex 1: Definitions

Term	Definition
<u>Course:</u>	<ul style="list-style-type: none">• Number of doses required for a given product for its primary series (e.g. 2 doses of Pfizer BioNTech - Comirnaty)
<u>Population coverage:</u>	<ul style="list-style-type: none">• Percentage of total population fully vaccinated with <i><u>any COVID-19 vaccine product from any source</u></i>
<u>Product utilization:</u>	<ul style="list-style-type: none">• Percentage of total doses of <i><u>any COVID-19 vaccine product from any source</u></i> received that have been used
<u>Daily vaccination rate:</u>	<ul style="list-style-type: none">• Number of doses of <i><u>any COVID-19 vaccine product from any source</u></i> administered per unit time as calculated by examining historical dose administration data