

Countries with vaccination policies for older adults, 2020

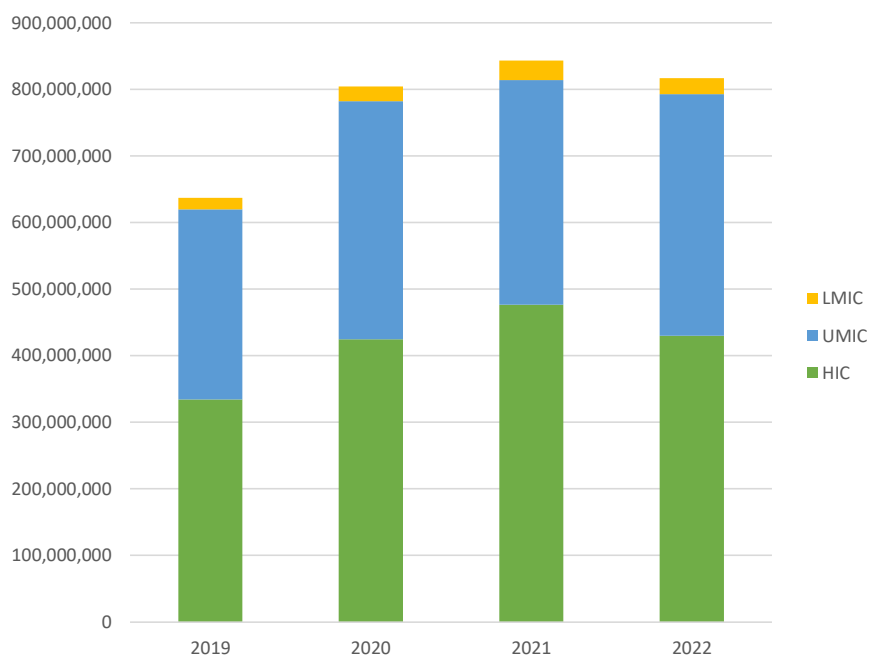
WHO Region	Number of Member States	No. (%) with vaccination policies in older adults		
		Influenza	Pneumococcal	Herpes Zoster
Africa	47	4 (9)	0 (0)	0 (0)
Americas	35	31 (89)	11 (31)	2 (6)
Eastern Mediterranean	21	14 (67)	1 (5)	1 (5)
Europe	53	49 (92)	9 (17)	5 (9)
South East Asia	11	1 (9)	0 (0)	0 (0)
Western Pacific	27	12 (48)	4 (15)	2 (7)
All regions	194	112 (58)	25 (13)	10 (5)



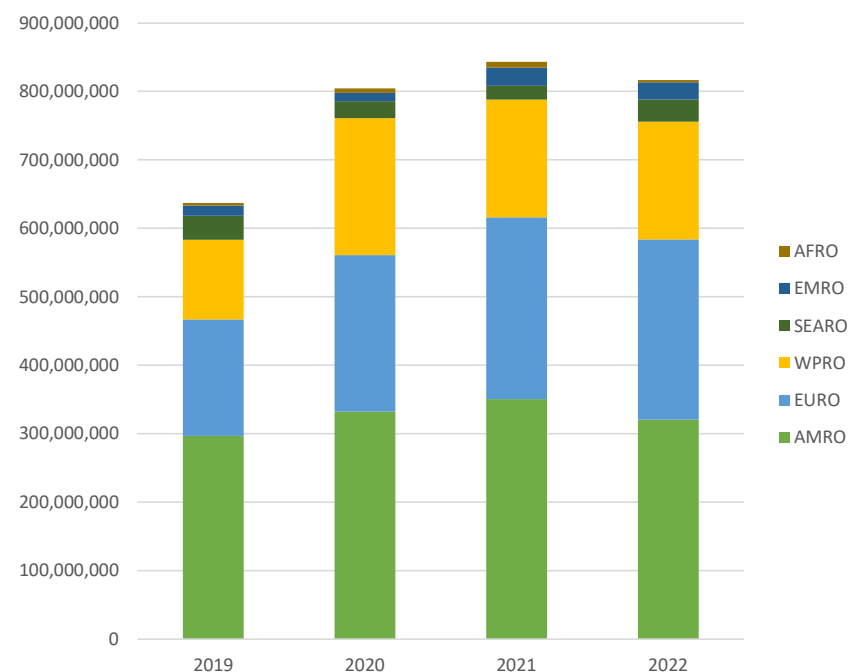
The influenza market was the second highest volume vaccine market in 2022 after COVID-19, reaching nearly 1 billion doses

70% of doses went to 16 countries, primarily HICs and UMICs in the northern hemisphere

Influenza dose volume by income group



Influenza dose volume by Region



Snapshot of emerging vaccines, vaccine-like monoclonal antibodies and innovative vaccine technologies (non-Covid)

New vaccines, where no vaccine exist today

Recently licensed vaccines	RSV monoclonal for pediatric use	Dengue		
Soon to be licensed vaccines	RSV vaccines for maternal immunization	RSV vaccines for the elderly	Chikungunya	
Vaccine on the horizon	TB vaccines for adults and adolescents	Group B Streptococcus	Shigella	RSV for pediatrics
Improved vaccines in the pipeline	'Universal' influenza	TCV + paratyphi A bivalent	BCG-like vaccines	Malaria
Innovative technologies mRNA, viral vector	mRNA vaccine	Microarray patches	Heat stable vaccines	More monoclonal antibodies

Immunization Service Delivery Platforms in 2023

Pregnant Woman	Newborn	Infant	Second Year of Life	Child	Adolescent	Adult	Older Person
COVID-19 vaccination for vulnerable and high-risk populations across age groups							
Malaria vaccine							
COVID-19 vaccination						COVID-19 vaccination	
Pregnant woman	Newborn (<24 hours)	Infant (<1 year)	Second year of life	Child	Adolescent	Adult	Older Person
Tetanus toxoid containing vaccine (TTCV) Seasonal influenza	BCG Hep B-BD	DTPCV Measles Rubella / HepB / PCV Rotavirus / Hib / Polio Japanese Encephalitis Meningococcal Rabies Seasonal influenza Typhoid / Yellow Fever	DTPCV booster Measles PCV3 (if 2+1 schedule) Cholera Seasonal influenza Hepatitis A Typhoid Meningococcal Varicella Mumps Rabies	Diphtheria booster Tetanus booster Cholera Rabies Seasonal influenza Typhoid	Diphtheria booster HPV Tetanus booster Cholera Dengue Rabies Seasonal influenza Typhoid	– Cholera Dengue Rabies Seasonal influenza	– Cholera Rabies Seasonal influenza
RSV GBS	RSV monoclonal TB (next gen)					TB (next gen)	

Vaccines recommended by WHO for all immunization programmes

Vaccines recommended by WHO for certain regions/ high risk populations/ immunization programmes with certain characteristics

[Source: Adapted from Working together: An integration resource guide for planning and strengthening immunization services throughout the life course](#)

[WHO SAGE Roadmap for prioritizing uses of COVID-19 vaccines - updated March 2023](#)