

	January - April		May - August		Post-Pandemic		p-value
	N	row %	N	row %	N	row %	
Entire sample	36	47	31	40	9	13	
WHO Region							<0.0001
Africa	5	15	23	67	6	18	
Americas	8	80	2	20	0	0	
Europe	2	33	2	33	2	33	
Eastern Mediterranean	3	75	0	0	1	25	
South-East Asia	4	57	3	43	0	0	
Western Pacific	15	93	1	7	0	0	
Income (World Bank)							0.26
Low	9	32	13	47	6	21	
Lower Middle	19	56	13	38	2	6	
Upper Middle/High	5	45	5	45	1	9	
Seasonal Program							0.080
Yes	13	65	7	35	0	0	
No	24	42	24	42	9	16	
WHO Prioritization							
Tier 1	26	87	4	13	0	0	
Tier 2	6	55	3	27	2	18	
Tier 3	5	15	22	65	7	21	
Missing	0	0	2	100	0	0	

Supplemental Table 1. Country demographic variables that received WHO donated pandemic vaccine, by time of delivery (n=77).

	# Countries	Doses Delivered	Doses Used	Median Usage (by country)	IQR	p-value (KW ¹)
Entire Sample	61	58,020,090	40,301,676	76%		
<i>WHO Region</i>						0.21
Africa	22	15,788,890	9,344,588	69%	(24% - 86%)	
Americas	10	10,125,000	7,981,240	81%	(62% - 91%)	
Eastern Mediterranean	2	3,600,000	3,244,000	67%	n/a	
Europe	6	1,687,500	882,885	43%	(2% - 85%)	
South-East Asian	5	17,743,200	12,816,080	60%	(59% - 74%)	
Western Pacific	16	9,075,500	6,032,883	86%	(76% - 91%)	
<i>Income Classification</i>						0.18
Low	18	29,875,690	22,121,433	83%	(68% - 92%)	
Lower Middle	29	20,884,900	14,409,077	76%	(53% - 86%)	
Upper Middle/High	10	7,227,400	3,743,692	31%	(24% - 85%)	
Missing	4	32,100	27,474	n/a	n/a	
<i>Vaccine Delivery</i>						0.11
January-April 2010	35	37,091,300	27,353,081	83%	(50% - 93%)	
May-August 2010	22	19,078,200	12,267,034	72%	(34% - 85%)	
Post-Pandemic (after Aug 10, 2010)	4	1,850,590	681,561	48%	(23% - 81%)	
<i>Program Information</i>						0.77
Program	18	17,782,300	10,764,382	78%	(53% - 90%)	
No Program	43	40,237,790	29,537,294	76%	(38% - 85%)	

¹Kruskal-Wallis H test for percent of received doses that were used.

Supplemental Table 2. Pandemic vaccine usage by demographic factors, among countries that received WHO donated vaccine and reported on usage (n=61).

Appendix A. List of eligible countries and territories¹

Afghanistan*	Kyrgyzstan
Angola*	Lao People's Democratic Republic*
Armenia*	Lesotho*
Azerbaijan*	Liberia*
Bangladesh*	Madagascar*
Benin	Malawi*
Bhutan*	Maldives*
Bolivia (Plurinational State of)*	Mali
Botswana*	Mauritania*
Burkina Faso*	Mauritius*
Burundi	Mongolia*
Cambodia*	Mozambique
Cameroon*	Myanmar*
Cape Verde	Namibia*
Central African Republic*	Nauru*
Chad	Nepal
Chile*	Nicaragua*
Comoros*	Niger*
Congo*	Nigeria*
Cook Islands*	Niue
Côte d'Ivoire*	Occupied Palestinian Territories (not included in this analysis)
Cuba*	Pakistan*
Democratic People's Republic of Korea*	Papua New Guinea*
Democratic Republic of the Congo	Paraguay*
Djibouti	Philippines*
El Salvador*	Republic of Moldova*
Equatorial Guinea*	Rwanda*
Eritrea	Samoa*
Ethiopia*	Sao Tome and Principe*
Fiji*	Senegal*
Gabon	Seychelles*
Gambia*	Sierra Leone*
Georgia*	Solomon Islands*
Ghana*	Somalia*
Guatemala*	South Africa*
Guinea*	Sri Lanka*
Guinea-Bissau*	Sudan*
Guyana*	Suriname*
Haiti	Swaziland*
Honduras*	Tajikistan*
Indonesia	Timor-Leste*
Kenya*	Togo*
Kiribati*	Tokelau*
Kosovo (in accordance with Security Council Resolution 1244 (1999))*	Tonga*

¹*Indicates countries that received influenza vaccines from the WHO Vaccine Deployment Initiative

Tuvalu*
Uganda
Ukraine
United Republic of Tanzania
Uzbekistan

Vanuatu*
Viet Nam
Yemen
Zambia*
Zimbabwe*