

TOWARDS THE ELIMINATION OF HIV, SYPHILIS, HEPATITIS B, AND CHAGAS DISEASE IN THE AMERICAS: EMTCT PLUS INITIATIVE 2010-2021

ANNEX TABLES

Annex Table 1 - Estimated total live births and coverage of sexual and reproductive health and maternal and child health services, by country in the Americas, 2021 (unless otherwise specified)

Country	Estimated number of live births (thousands)	Estimated unmet need for family planning (%)	Estimated proportion of pregnant women with access to at least four prenatal care visits (%)	Estimated proportion of hospital births (%)
North America				
Canada	387.0	3.4	99 (2007)	98.3 (2014)
Mexico	2,178.0	9.4	87.8 (2020)	96.5 (2020)
United States of America	3,986.0	5.4	95.8 (2019)	99.1 (2019)
Central America				
Costa Rica	67.0	9.4	76.6 (2016)	97.9 (2016)
El Salvador	115.0	8.3	82 (2018)	99.9 (2018)
Guatemala	429.0	8.8	43 (2014)	69.6 (2017)
Honduras	209.0	7.1	91 (2020)	63 (2020)
Nicaragua	130.0	5.1	95.4 (2020)	96.8 (2020)
Panama	80.0	14	88 (2013)	95 (2019)
Andean Region				
Bolivia (Plurinational State of)	248.0	11.6	66.6 (2020)	99.6 (2017)
Colombia	720.0	5.5	87.7 (2019)	98.5 (2019)
Ecuador	337.0	5.7	79.5 (2013)	97.2 (2019)
Peru	574.0	5.2	88.4 (2020)	94.3 (2020)
Venezuela (Bolivarian Republic of)	506.0	7.5	82.6 (2018)	98.7 (2017)
Southern Cone and Brazil				
Argentina	750.0	8.3	72.4 (2019)	99.6 (2019)
Brazil	2,824.0	6.1	92.7 (2019)	97.8 (2019)
Chile	225.0	5.8	...	99.8 (2019)
Paraguay	143.0	8.2	82.3 (2019)	92.2 (2019)
Uruguay	47.0	6.2	96.6 (2020)	100 (2020)

EMTCT Plus

Iniciative 2010-2021



Country	Estimated number of live births (thousands)	Estimated unmet need for family planning (%)	Estimated proportion of pregnant women with access to at least four prenatal care visits (%)	Estimated proportion of hospital births (%)
Caribbean				
Anguilla	0.2	...	100 (2012)	100 (2020)
Antigua and Barbuda	1.0	9.9	83.3 (2017)	99 (2020)
Aruba	1.0	...	100 (2019)	100 (2019)
Bahamas	5.0	9	88 (2018)	99 (2019)
Barbados	3.0	11.9	90 (2020)	98.4 (2020)
Belize	8.0	14.2	83 (2013)	94.6 (2020)
Bermuda	0.8	...	95 (2018)	99.4 (2018)
Bonaire	...	...	...	...
Cayman Islands	0.7	...	97 (2017)	100 (2017)
Cuba	109.0	8.5	79.3 (2019)	99.9 (2020)
Curacao	2.0	...	...	99 (2017)
Dominica	1.1	...	95 (2020)	100 (2020)
Dominican Republic	203.0	8.5	98 (2014)	99.7 (2018)
French Guiana	7.0	...	84.5 (2016)	99 (2010)
Grenada	2.0	9.3	76 (2020)	100 (2020)
Guadeloupe	5.0	11	...	100 (2016)
Guyana	15.0	17.1	96 (2018)	98 (2020)
Haiti	268.0	23.5	67 (2012)	67.8 (2020)
Jamaica	46.0	8.5	87 (2008)	99.7 (2019)
Martinique	4.0	...	98.5 (2016)	99.9 (2012)
Montserrat	0.1	...	100 (2020)	100 (2020)
Puerto Rico	19.0	6	99.2 (2018)	99.7 (2018)
Saba	...	...	...	...
Saint Kitts and Nevis	0.7	...	100 (2020)	100 (2020)
Saint Lucia	2.0	11.7	93 (2020)	100 (2020)
Saint Vincent and the Grenadines	2.0	9.7	99 (2009)	98.6 (2016)
Sint Eustatius	...	...	...	...
Sint Maarten	0.6	...	100 (2018)	100 (2017)
Suriname	11.0	15.1	67 (2010)	90 (2015)
Trinidad and Tobago	17.0	14	100 (2017)	100 (2017)
Turks and Caicos Islands	0.8	...	100 (2018)	100 (2018)
Virgin Islands (UK)	0.4	...	100 (2017)	100 (2017)
Virgin Islands (US)	1.0	...	50.6 (2015)	99.3 (2008)

Source: United Nations, Department of Economic and Social Affairs, Population Division (2021). Estimates and Projections of Family Planning Indicators 2021. New York: United Nations. • Health Information platform for the Americas (PLISA), 2021, Washington, D.C: PAHO.

Annex Table 2 - Epidemiological data and coverage of services related to the prevention of mother to child transmission of HIV, by countries in the Americas, 2019-2021 (unless otherwise specified)

Country	Reported HIV prevalence pregnant women in antenatal care ^a (%)			Reported HIV mother-to-child transmission rate ^b % (HIV cases/exposed newborns)			Reported percentage of pregnant women tested for HIV during antenatal care %			Reported percentage of pregnant women living with HIV who received antiretrovirals %		
	2019	2020	2021	2019	2020	2021	2019	2020	2021	2019	2020	2021
North America												
Canada	...	...	...	...	0.4 (1/250)	2 (5/250)	...	...	...	96.7 [2018]	...	...
Mexico	...	0.19	...	...	...	...	74.3 [2018]	36.5	...	...	...	...
United States of America	...	...	...	...	...	...	...	...	...	...	...	...
Central America												
Costa Rica	...	...	...	9.9	17.9	14.7	76	100	100	100	65.4	77.2
El Salvador	...	...	...	20.4	...	...	100	...	...	56	...	...
Guatemala	0.15	0.12	0.12	3.6 (15/420)	1.3 (5/374)	...	61.3	64.7	63.7	53.3	54	...
Honduras	0.12	0.09	0.1	23.9	24.97	24.2	91.2	93.8	68.3	41.4	37.4	41.2
Nicaragua	0.1	0.09	0.09	3.0 (4/131)	4.7 (6/127)	3.5 (4/115)	96.8	95.7	82.7	97.7	96.7	93.9
Panama	0.33	0.31	0.31	2.7 (5/183)	4.1 (7/171)	5.2 (11/212)	93.2	93.2	90.8	88.3	88.3	92.9
Andean Region												
Bolivia (Plurinational State of)	0.13	...	0.21	12.9	14.5	15.9	88.5	...	75.6	100	93	88
Colombia	0.08	0.1	0.1	1.8 (15/838)	...	1.9 (14/745)	94.3	97.5	58.6	86.1	...	...
Ecuador	0.17	...	0.21	16.2	19.1	16.8	80	79.8	77.8	70.8	54.2	66.2
Peru	0.2	0.35	0.29	3.3 (23/697)	3.1 (30/957)	2.3 (23/1000)	92.7	89.3	92.4	82.9	81.8	77.4
Venezuela (Bolivarian Republic of)	0.26	0.38	0.98	...	2.8 (28/1017)	30.4	16	25.3	8.5	14.4	17.9	22.4
Southern Cone and Brazil												
Argentina	0.35	...	...	2.4 (37/1561)	...	...	95 [2015]	...	...	73.7	...	...
Brazil	0.3	0.3	...	2.1 (211/10195)	2.1 (208/9871)	...	97	97	...	92.6	96.2	94.3
Chile	0.17	0.19	0.17	2.8 (11/389)	2.3 (9/396)	1.8 (6/336)	99.4	100	100	95.6	98.2	96.1
Paraguay	0.19	0.1	0.21	2.5 (5/201)	4.4 (9/199)	2.7 (6/221)	74	74	...	90	85	...
Uruguay	0.51	...	...	...	...	1.4 (1/73)	100	94	...	...	...	100

Annex Table 2 - Continuation

Country	Reported HIV prevalence pregnant women in antenatal care ^a (%)			Reported HIV mother-to-child transmission rate ^b % (HIV cases/exposed newborns)			Reported percentage of pregnant women tested for HIV during antenatal care %			Reported percentage of pregnant women living with HIV who received antiretrovirals %		
	2019	2020	2021	2019	2020	2021	2019	2020	2021	2019	2020	2021
Caribbean												
Anguilla	0.77	...	...	0	...	...	100	...	...	100	...	...
Antigua and Barbuda	0.37	...	0.55	0 (0/6)	...	0 (0/6)	100	...	100	100	100	100
Aruba	...	...	...	...	...	...	...	...	...	...	...	...
Bahamas (the)	0.78	0.7	...	0 (0/48)	0 (0/37)	0 (0/33)	98.9	...	...	100	100	93.9
Barbados	...	...	...	0 (0/19)	0 (0/13)	0 (0/17)	43 [2017]	...	...	100	100	88.2
Belize	0.43	0.7	0.67	2.6 (1/38)	0 (0/34)	4.7 (2/42)	95	95	95	100	100	100
Bermuda	0	0.4	...	0 (0/0)	0 (0/2)	...	99.6	99.3	...	No cases	100	...
Bonaire	...	...	...	...	...	...	...	...	...	...	...	...
Cayman Islands	0	0	...	0	0	...	96.8	96.3	...	No cases	No cases	...
Cuba	0.06	0.07	0.05	0.5 (1/191)	0 (0/196)	0 (0/180)	98.4	97.9	99.6	99.5	99.7	100
Curaçao	...	...	...	...	...	...	...	...	...	...	...	...
Dominica	0.12	0.23	...	0 (0/2)	...	...	100	100	...	100	...	...
Dominican Republic	0.8	0.8	...	2	2.3	...	...	...	...	79.7	73.7	71.7
French Guiana	...	...	0.13	...	...	...	...	...	...	...	...	...
Grenada	...	...	...	20 (1/5)	20 (1/5)	...	100 [2018]	...	...	80	100	...
Guadeloupe	...	...	...	...	...	...	...	...	...	...	...	...
Guyana	2.05	1.39	...	16.9	21.3	15.8	95	90.2	97.1	65.2	49	69
Haiti	2.02	2.17	2.34	...	...	...	90.7	...	71.5	...	...	...
Jamaica	1.77	1.61	...	2.2 (9/410)	1.2 (6/517)	...	71.7	63.4	78	82.5	66.3	...
Martinique	...	...	...	...	...	...	...	...	...	...	...	...

Annex Table 2 - Continuation

Country	Reported HIV prevalence pregnant women in antenatal care ^a (%)			Reported HIV mother-to-child transmission rate ^b % (HIV cases/exposed newborns)			Reported percentage of pregnant women tested for HIV during antenatal care %			Reported percentage of pregnant women living with HIV who received antiretrovirals %		
	2019	2020	2021	2019	2020	2021	2019	2020	2021	2019	2020	2021
Caribbean												
Montserrat	0	...	...	0	...	...	100	...	...	No Cases	...	...
Puerto Rico	...	...	...	...	...	...				...	...	...
Saba	...	...	...	...	...	...	100	...	...	...	...	...
Saint Kitts and Nevis	0.17	...	...	0 (0/1)	0 (0/0)	0 (0/0)	98.9	100	...	100	100	...
Saint Lucia	0.42	0.74	0.47	0 (0/8)	0 (0/13)	0 (0/9)	100	100	100	100	92	100
Saint Vincent and the Grenadines	0.5	0.75	0.66	0 (0/7)	0 (0/10)	0 (0/9)	97.4	98.8	98.9	86	90	100
Sint Eustatius	...	...	...	...	...	...	...	...	...	...	...	...
Sint Maarten	...	...	...	...	...	...	...	...	...	...	...	...
Suriname	...	...	...	...	...	...	...	...	...	...	...	...
Trinidad and Tobago	0.94	0.95	1.27	1.6 (2/129)	0 (0/123)	...	75.3	80.1	69.8	89.9	98.4	...
Turks and Caicos	...	...	...	...	...	...	...	...	...	...	...	...
Virgin Islands UK	...	...	...	...	...	...	...	...	...	...	...	...
Virgin Islands US	...	...	...	...	...	...	...	...	...	...	...	...

Source: UNAIDS/WHO 2022 Global AIDS Monitoring Online Reporting Tool. • Country reports on the elimination of MTCT of HIV and syphilis, 2019-2022. • Direct communication to PAHO.

a. Proportion of pregnant women attending antenatal clinics and/or giving birth at a facility who were tested positive for HIV during pregnancy, at labor and/or delivery, or those who already knew they were HIV-positive at the first antenatal care visit, among the total women attending antenatal care.

b. Spectrum modeled estimate value was reported by Bolivia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guyana, Honduras, Jamaica, and Venezuela.

Annex Table 3 - Epidemiological data and coverage of services related to the prevention of congenital syphilis, by countries in the Americas, 2019-2021 (unless otherwise specified)

Country	Reported syphilis prevalence among pregnant women (%)			Reported incidence of congenital syphilis (rate/1000 live births)			Reported number of congenital syphilis cases (n)			Reported coverage of syphilis testing during antenatal care (%)			Reported coverage of appropriate syphilis treatment among pregnant women (%)		
	2019	2020	2021	2019	2020	2021	2019	2020	2021	2019	2020	2021	2019	2020	2021
North America															
Canada	...	...	...	0.04	0.04	0.14	53	50	53	...	...	...	...	...	...
Mexico	...	0.4	0.62	0.25	0.3	...	469	493	482	...	31.6	52.9	...	...	...
United States of America	...	...	...	...	...	...	1,875	2,148	...	...	...	...	...	...	...
Central America															
Costa Rica	1.2	1.4	1.22	0.98	...	1.54	63	...	103	78	79.2	80.5	71.5	60.5	43
El Salvador	0.2	0.7	1.03	0.19	0.49	0.13	8	42	15	75.6	76.4	67.4	40	17.1	56.1
Guatemala	0.05	0.04	0.04	0.24	0.12	0.06	95	45	24	51.4	64.2	62.7	54.8	49	52
Honduras	0.2	0.1	0.13	1.4	0.8	0.55	193	102	114	86.9	76.2	83.4	100	100	...
Nicaragua	0.1	0.1	0.16	0.22	0.3	0.32	28	38	42	88.2	90.2	87.3	93.2	96.6	98.4
Panama	1.7	2.25	0.90	6.3	3.1	2.88	486	238	230	74.7	70	82.5	89.8	96.4	92.1
Andean Region															
Bolivia (Plurinational State of)	0.9 [2017]	...	...	0.98	0.91	0.83	236	229	206	...	...	...	...	...	...
Colombia	1.1	...	...	1.51	1.75	2.75	1 001	1 187	1 978	74.1	80.8	...	74.9	88.9	...
Ecuador	0.3	...	...	1.31	...	0.70	238	73	237	...	11.3	...	...	...	...
Peru	0.76	0.54	0.48	0.59	0.41	0.54	340	225	312	70.2	82.2	85.3	90.9	82.4	...
Venezuela	3.5	1.6	2.81	0.13	2.13	0.73	85	511	370	93.9	92.5	62.7	13.1	100	79.9
Southern Cone and Brazil															
Argentina	4	4.6	5.46	1.6 [2018]	1.4	0.95	...	937	712	82.2	85.8	86.7	...	...	...
Brazil	2.18	2.16	...	8.5	7.7	7.81	24 236	22 065	22 065	97	97	...	89.6	89.6	89.9
Chile	0.3	0.3	0.45	0.18	0.23	0.19	40	48	43	100	100	100	92.5	97.6	96.5
Paraguay	3	2.3	2.32	5	3.1	5.07	541	445	725	69.5	71	72.2	58	56.1	51.9
Uruguay	1.8	...	1.00	1.1	1.3	...	55	...	...	100	...	100	77	...	99.2

Annex Table 3 - Continuation

Country	Reported syphilis prevalence among pregnant women (%)			Reported incidence of congenital syphilis (rate/1000 live births)			Reported number of congenital syphilis cases (n)			Reported coverage of syphilis testing during antenatal care (%)			Reported coverage of appropriate syphilis treatment among pregnant women (%)		
	2019	2020	2021	2019	2020	2021	2019	2020	2021	2019	2020	2021	2019	2020	2021
Caribbean															
Anguilla	0	...	...	0	...	...	0	...	...	100	...	...	no cases	...	...
Antigua and Barbuda	0.83	...	0.67	0	2	...	1	2	...	100	...	100	...	...	100
Aruba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahamas (the)	...	1.2	...	...	...	...	...	...	...	85.3	80.4	...	...	100	...
Barbados	0.6 [2017]	...	...	1.6 [2017]	...	0.00	...	...	0	...	...	...	...	...	...
Belize	...	...	...	0	0.3	0.30	0	2	2	95	95	95	100	78	83.3
Bermuda	0	80	...	0	0	...	0	0	...	94.4	97.4	...	no cases	100	...
Bonaire	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cayman Islands	0	0	...	0	0	...	0	0	...	96.8	96.3	...	no cases	no cases	no cases
Cuba	0.4	0.4	0.40	0.01	0	0.04	1	0	4	98.4	96.8	100	99.5	99.8	99.6
Curaçao	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dominica	0.6	1.35	...	0	0	...	2	0	...	100	80.3	...	60	85.7	...
Dominican Republic (the)	0.3	...	...	2.5	1.1	0.59	388	125	119	...	...	...	56.2	...	...
French Guiana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grenada	1.13 [2018]	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Guadeloupe	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Guyana	0.12	...	...	0.06	...	...	1	...	...	95	...	...	94.4	...	...
Haiti	2.4	...	2.43	...	...	...	...	...	...	74.7	...	92.4	94.1	...	94.2
Jamaica	1.1	1.2	1.03	0.21	0.03	0.15	7	1	7	...	99	84.3	...	95.4	94.9
Martinique	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montserrat	0	...	...	0	...	...	0	0	...	100	...	...	no cases	...	...
Puerto Rico	...	...	...	...	...	...	7	4	...	...	...	...	...	...	...
Saba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Annex Table 3 - Continuation

Country	Reported syphilis prevalence among pregnant women (%)			Reported incidence of congenital syphilis (rate/1000 live births)			Reported number of congenital syphilis cases (n)			Reported coverage of syphilis testing during antenatal care (%)			Reported coverage of appropriate syphilis treatment among pregnant women (%)		
	2019	2020	2021	2019	2020	2021	2019	2020	2021	2019	2020	2021	2019	2020	2021
Caribbean															
Saint Kitts and Nevis	0.34	0.32	no cases	0	0	0.00	0	0	0	98.5	100	100	100	100	no cases
Saint Lucia	3.06	2.86	2.25	0.5	8.7	8.00	1	16	16	100	100	100	87.9	100	90.7
Saint Vincent and the Grenadines	...	...	...	0	0	...	...	0	...	97.4	98.8	98.9	100	100	83
Sint Eustatius	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sint Maarten	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suriname	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trinidad and Tobago	0.1 [2017]	...	...	0 [2017]	...	...	...	...	...	...	...	...	...	...	...
Turks and Caicos	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Virgin Islands Uk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Virgin Islands US	...	...	...	...	...	...	0	0	...	...	...	...	...	...	...

Source: UNAIDS/WHO 2022 Global AIDS Monitoring Online Reporting Tool. • Country reports on the elimination of MTCT of HIV and syphilis, 2019-2022. • Direct communication to PAHO.

Annex Table 4 - Epidemiological data, vaccination coverage, and policies of interventions for the prevention of mother-to-child and perinatal transmission of hepatitis B in the Americas, 2019-2021 (unless otherwise specified)

Country	HBsAg prevalence among <5 years-old WHO (%)	HBsAg prevalence among 5 years-old Polaris Observatory (%)		Coverage of the third dose of hepatitis B vaccine (1 year old) (%)		Coverage of birth dose of hepatitis B vaccine (24 hours) (%)		Universal testing for HBV in Antenatal care	HBIG to exposed newborns	Antivirals for eligible HBV-infected pregnant women to PMTCT
	2019	2020	2021	2020	2021	2020	2021			
North America										
Canada	0.34	0.04	0.05	84	84	sub.nfl	sub.nfl			
Mexico	0.03	0.01	0.01	92	80	60	49	...	Yes	
United States of America	0.01	0.04	0.03	...	...	...	...
Central America										
Costa Rica	0.02	0.01	0.01	101	94	89	78	Yes	Yes	
El Salvador	0.02	0.04	0.03	72	79	75	73	No	No	
Guatemala	0.03	0.07	0.06	89	79	72	74	yes	No	
Honduras	0.03	0.01	0.01	80	77	71	72	No	No	
Nicaragua	0.09	0.05	0.05	106	101	No	No	...	...
Panama	0.07	0.04	0.02	74	74	86	86	Yes	No	
Andean Region										
Bolivia (Plurinational State of)	0.14	0.04	0.04	68	70	No	No	...	...
Colombia	0.15	0.04	0.04	88	88	88	86	Yes	Yes	Yes
Ecuador	0.09	0.05	0.04	70	68	62	61	Yes	Yes	
Peru	0.06	0.04	0.03	72	82	75	77	Yes	Yes	Yes
Venezuela (Bolivarian Republic of)	0.15	0.10	0.13	54	56	59	45	No	Yes	
Southern Cone and Brazil										
Argentina	0.01	0.01	0.01	74	76	72	73	Yes	Yes	
Brazil	0.03	0.01	0.01	77	68	63	62	Yes	Yes	Yes
Chile	0.03	0.00	0.00	93	95	100	98	Yes	Yes	Yes
Paraguay	0.42	0.06	0.05	67	58	72	67	Yes	Yes	
Uruguay	0.15	...	...	92	89	Pos.	Pos.	Yes	Yes	

Annex Table 2 - Continuation

Country	HBsAg prevalence among <5 years-old WHO (%)	HBsAg prevalence among 5 years-old Polaris Observatory (%)		Coverage of the third dose of hepatitis B vaccine (1 year old) (%)		Coverage of birth dose of hepatitis B vaccine (24 hours) (%)		Universal testing for HBV in Antenatal care	HBIG to exposed new-borns	Antivirals for eligible HBV-infected pregnant women to PMTCT
	2019	2020	2021	2020	2021	2020	2021	2020	2020	2020
Caribbean										
Anguilla	...	...	...	86	79	100	100	Yes	Yes	
Antigua and Barbuda	0.19	...	...	99	92	No	93	Yes	Yes	
Aruba	...	...	...	94 (2019)	92	No	No	...	...
Bahamas (the)	0.16	...	...	83	75	No	No	Yes	Yes	
Barbados	0.18	...	...	85	82	No	No	Yes	No	
Belize	0.6	0.09	0.08	79	83	74	82	Yes	No	
Bermuda	...	...	...	89	100	Pos.	Pos.	Yes	Yes	
Bonaire	...	...	...	94 (2016)	...	No	No	...	...
Cayman Islands	...	...	...	79	84	94	86	Yes	Yes	
Cuba	0.03	0.00	0.00	99	100	100	100	Yes	Yes	Yes
Curaçao	...	...	...	98 (2019)	...	...	...	...	...
Dominica	...	...	...	97	92	99	98	Yes	Yes	
Dominican Republic	0.1	0.17	0.17	81	83	71	66	...	...
French Guiana	...	...	...	...	...	...	...	...	...
Grenada	0.12	...	...	72	72	98	98	Yes	Yes	
Guadeloupe	...	...	...	...	...	Pos.	Pos.	...	...
Guyana	0.4	0.17	0.13	99	91	49	58	Yes	No	
Haiti	1.04	0.52	0.54	83	73	No	No	No	No	
Jamaica	0.55	0.38	0.19	95	89	No	No	No	Yes	
Martinique	...	...	...	...	...	Pos.	Pos.	...	...
Montserrat	...	...	...	100	100	80	80	...	...
Puerto Rico	...	...	...	...	...	...	...	...	...
Saba	...	...	...	99 (2013)	...	Pos.	Pos.	...	...

Annex Table 4 - Continuation

Country	HBsAg prevalence among <5 years-old WHO (%)	HBsAg prevalence among 5 years-old Polaris Observatory (%)		Coverage of the third dose of hepatitis B vaccine (1 year old) (%)		Coverage of birth dose of hepatitis B vaccine (24 hours) (%)		Universal testing for HBV in Antenatal care	HBIG to exposed newborns	Antivirals for eligible HBV-infected pregnant women to PMTCT
	2019	2020	2021	2020	2021	2020	2021	2020	2020	2020
Caribbean										
Saint Kitts and Nevis	...	...	...	99	96	97	95	...	...
Saint Lucia	0.22	...	...	86	80	86	94	...	...
Saint Vincent and the Grenadines	0.15	...	...	97	97	96	96	...	...
Sint Eustatius	...	...	...	...	...	No	No	...	...
Sint Maarten	...	...	...	94 (2017)	...	...	...	...	...
Suriname	0.07	0.16	0.13	65	86	100	97	Yes	Yes	
Trinidad and Tobago	0.19	0.17	0.12	96	94	No	No	...	...
Turks and Caicos Islands	...	...	...	84	92	No	No	Yes	Yes	
Virgin Islands (UK)	...	...	...	87	...	94	...	Yes	...	
Virgin Islands (US)	...	...	...	...	...	...	...	...	...

Sources: CDA Foundation's Polaris Observatory; 2022 [updated July 26, 2022]. Available from <https://cdfound.org/polaris/> (Accessed August 6, 2022) • World Health Organization. Hepatitis B surface antigen (HBsAg) prevalence among children under 5 years. The Global Health Observatory. Published August 2022. • Data reported by countries directly to PAHO • Pan American Health Organization. Country reports submitted through PAHO-WHO/UNICEF Joint, 2022

sub.ntl: Partially implemented. Each province in Canada decides which vaccination policy implements within the National Advisory Committee on Immunization (NACI) recommendations.

Pos.: Birth dose recommended to newborn of pregnant women positive to HBsAg or at higher risk.