

Appendix

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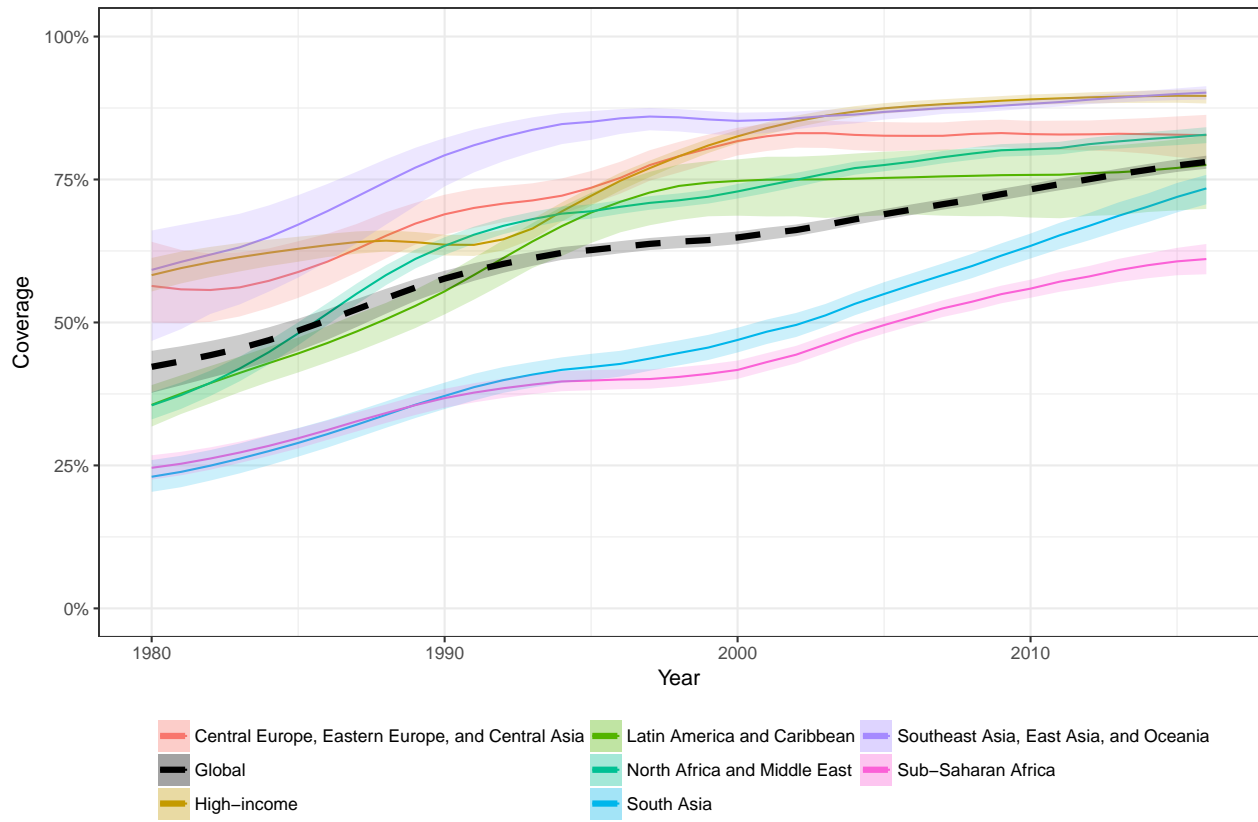


Figure 1: Time series estimates of complete vaccination coverage at the global and regional level from 1980-2016.

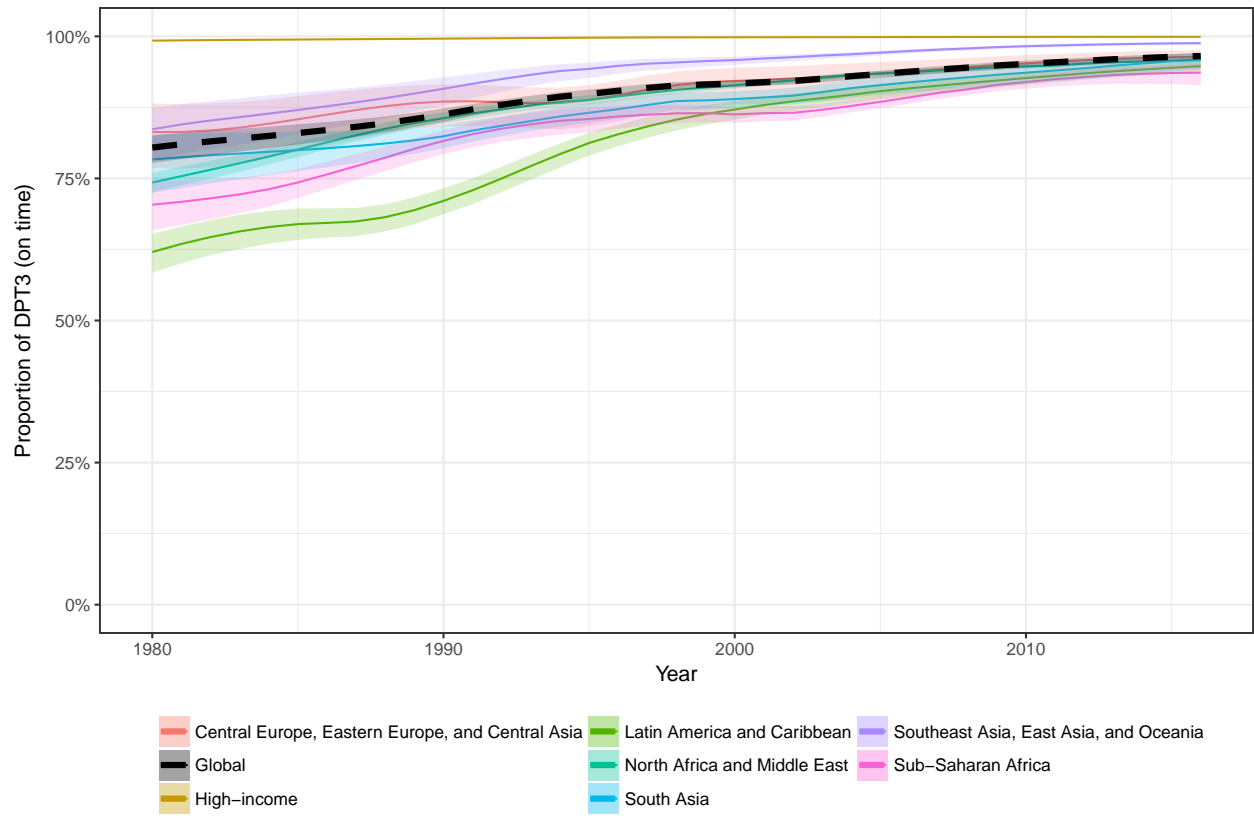


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Table 1: Country-level vaccination coverage of BCG by 5 year period from 1980-2015

location_name	1980	1985	1990	1995	2000	2005	2010	2015								
Alghanistan	12.88	(6.91-20.42)	15.99	(10.97-22.25)	22.02	(16.94-28.22)	26.69	(20.44-33.8)	32.61	(26.75-39.3)	50.61	(44.52-56.42)	64.94	(59.77-69.97)	77.27	(70.63-83.53)
Albania	94.46	(84.46-98.69)	94.95	(89.19-98.13)	94.22	(89.04-97.4)	94.9	(89.97-97.4)	97.4	(94.49-99.1)	97.4	(94.49-99.1)	97.4	(94.49-99.1)	97.4	(94.49-99.1)
Algeria	72.63	(55.56-84.97)	82.87	(75.5-90.39)	88.82	(82.69-93.52)	94.9	(91.8-97.13)	97.86	(96.4-98.92)	98.64	(97.01-99.26)	98.69	(96.98-99.39)	99.41	(98.82-99.74)
American Samoa	97.45	(93.54-99.26)	98.56	(95.91-99.59)	99.21	(98.03-99.77)	99.38	(98.43-99.83)	99.53	(98.04-99.9)	99.65	(99.09-99.9)	99.69	(99.16-99.91)	99.69	(99.2-99.91)
Andorra	90.61	(31.38-99.98)	92.09	(40.02-99.9)	92.87	(43.77-99.9)	94.25	(49.89-100)	95.3	(50.53-100)	96.18	(65.45-100)	96.73	(67.74-100)	96.75	(69.15-100)
Angola	19.32	(8.11-35.19)	23.74	(12.33-44)	35.29	(27.66-43.72)	53.08	(44.25-62.27)	73.58	(48.41-65.77)	65.95	(57.86-72.44)	73.59	(65.98-82.29)	79.58	(69.98-87.3)
Antigua and Barbuda	97.08	(90.51-99.57)	98.01	(93.39-99.71)	98.75	(94.97-99.82)	99.05	(96.65-99.87)	99.38	(97.95-99.93)	98.1	(96.98-99.93)	99.73	(99.01-99.97)	99.8	(99.31-99.98)
Argentina	72.88	(44.54-93.14)	87.85	(74.41-95.71)	92.95	(76.31-98.89)	91.66	(86.31-99.15)	83.79	(91.25-96.97)	88.1	(52.94-99.94)	92.8	(59.43-99.94)	95.94	(64.15-99.99)
Armenia	75.33	(40.02-94.71)	81.3	(60.49-93.86)	87.64	(80.32-93.03)	89.64	(81.43-89.03)	85.67	(90.71-94.79)	96.67	(95.1-97.83)	98.95	(97.89-99.52)	99.54	(98.64-99.9)
Australia	58.21	(1.46-99.75)	69.21	(15.49-99.72)	64.15	(2.18-99.84)	69.67	(2.79-99.9)	74.09	(4.12-99.94)	78.2	(8.31-99.94)	82.24	(10.07-99.96)	85.12	(15.02-99.97)
Austria	87.9	(75.77-95.6)	89.72	(78.79-93.74)	89.72	(78.79-93.74)	91.17	(64.17-99.59)	91.17	(64.17-99.59)	92.55	(46.93-99.98)	93.36	(49.11-99.99)	94.23	(48.06-99.99)
Azerbaijan	50.71	(15.83-84.65)	62.24	(36.47-83.42)	74.22	(64.31-83.09)	73.69	(67.97-78.79)	77.48	(72.52-82.23)	80.38	(75.39-84.7)	83.25	(78.07-87.28)	85.65	(78.02-91.14)
Bahrain	57.44	(31.68-80.69)	58.91	(33.24-81.15)	56.05	(31.62-78.41)	61.49	(38.21-80.05)	71.39	(54.98-84.79)	82.5	(72.22-90.72)	92.47	(86.53-96.3)	96.89	(93.29-98.8)
Bangladesh	79.7	(52.59-95.13)	14.7	(7.2-26.23)	57.58	(46.87-68.62)	92.9	(82.27-97.62)	90.5	(79.09-96.66)	81.38	(88.55-94.02)	89.97	(86.11-93.06)	90.3	(84.57-94.57)
Barbados	92.71	(79.01-98.06)	94.21	(85.27-97.45)	96.7	(94.06-98.32)	98.35	(96.65-99.37)	99.58	(98.98-99.87)	99.76	(99.59-99.98)	99.55	(98.89-96.88)	99.9	(99.57-99.99)
Belarus	66.24	(55.18-77.05)	80.24	(68.04-81.03)	82.36	(72.25-99.96)	85.41	(80.48-89.43)	87.06	(20.17-99.97)	90.07	(24.19-99.98)	91.64	(31.76-99.99)	92.69	(37.11-99.99)
Belgium	66.91	(55.18-77.05)	80.24	(68.04-81.03)	82.36	(72.25-99.96)	85.41	(80.48-89.43)	87.06	(20.17-99.97)	90.07	(24.19-99.98)	91.64	(31.76-99.99)	92.69	(37.11-99.99)
Benin	29.19	(11.97-52.89)	37.58	(24.83-52.2)	49.31	(35.49-62.55)	62.24	(52.69-70.74)	80.86	(73.32-87.14)	88.76	(84.85-91.92)	89.85	(85.91-93.01)	91.76	(85.47-95.99)
Bermuda	97.71	(91.78-99.73)	98.8	(95.57-99.86)	99.45	(97.9-99.93)	99.81	(99.28-99.98)	99.95	(99.8-99.99)	99.96	(99.86-100)	99.98	(99.91-100)	99.98	(99.93-100)
Bhutan	51.42	(38.11-63.52)	49.31	(35.49-62.55)	62.24	(52.69-70.74)	80.86	(73.32-87.14)	88.76	(84.85-91.92)	89.85	(85.91-93.01)	91.76	(85.47-95.99)	91.76	(85.47-95.99)
Bolivia	50.25	(14.02-85.82)	57.28	(24.83-52.2)	75.28	(68.04-81.03)	82.36	(72.25-99.96)	85.41	(80.48-89.43)	87.06	(20.17-99.97)	90.07	(24.19-99.98)	91.64	(31.76-99.99)
Bosnia and Herzegovina	89.26	(76.29-95.9)	87.24	(79.02-92.89)	85.58	(77.27-91.66)	73.07	(63.08-82.51)	96.59	(94.33-98.06)	98.68	(97.62-99.33)	99.53	(98.9-99.83)	99.76	(97.44-99.86)
Botswana	63.59	(57.46-69.14)	72.29	(68.99-75.67)	83.36	(81.05-85.44)	95.04	(94.76-96.9)	96.66	(90.84-98.22)	98.73	(90.96-98.72)	99.06	(98.49-99.4)	99.29	(98.93-99.5)
Brazil	91.38	(61.11-99.29)	89.84	(81.07-95.21)	91.23	(81.69-96.6)	95.04	(94.76-96.9)	96.66	(90.84-98.22)	98.73	(90.96-98.72)	99.06	(98.49-99.4)	99.29	(98.93-99.5)
Brunei	97.39	(92.4-99.47)	98.22	(95.19-99.51)	98.74	(96.96-99.61)	98.33	(96.54-99.37)	97.9	(95.95-99.06)	97.7	(95.57-99.05)	97.23	(94.62-98.77)	97.72	(94.87-99.21)
Bulgaria	21.29	(10.21-35.59)	36.07	(26.36-40.02)	60.73	(51.26-69.71)	71.9	(66.34-77.58)	80.92	(75.88-85.43)	92.81	(90.61-94.63)	96.5	(95.9-97.35)	97	(94.95-98.35)
Burkina Faso	51.82	(35.35-67.78)	50.68	(31.81-68.74)	54.39	(42.53-66.72)	54.73	(48.13-60.94)	78.54	(66.11-80.5)	91.75	(87.37-94.81)	94.48	(91.06-96.8)	92.58	(86.2-96.5)
Burundi	50.68	(31.81-68.74)	50.68	(31.81-68.74)	54.39	(42.53-66.72)	54.73	(48.13-60.94)	78.54	(66.11-80.5)	91.75	(87.37-94.81)	94.48	(91.06-96.8)	92.58	(86.2-96.5)
Cambodia	47.87	(29.41-67.86)	60.44	(48.43-71.57)	68.74	(59.94-76.51)	72.02	(64.85-78.53)	81.25	(73.97-87.21)	92.09	(87.44-95.38)	92.54	(87.79-95.74)	94.19	(87.73-97.48)
Cameroon	94.68	(88.44-99.99)	95.48	(91.57-99.99)	96.82	(93.34-99.99)	97.38	(95.76-100)	97.28	(95.76-100)	98.16	(85.79-100)	98.73	(97.92-100)	99	(91.43-100)
Cape Verde	86.77	(67.64-96.65)	90.18	(78.99-96.94)	95.81	(91.2-98.52)	90.15	(82.27-95.11)	84	(74.28-90.73)	85.7	(77.79-91.77)	94.05	(88.37-97.42)	97.67	(93.31-99.48)
Central African Republic	36.35	(25.85-47.38)	50.05	(42.89-57.46)	74.26	(68.08-80.06)	73.37	(67.99-78.24)	74.78	(58.19-70.94)	75.67	(68.22-81.72)	75.67	(69.09-81.72)	75.67	(69.09-81.72)
Chad	14.38	(4.5-32.64)	14.67	(7.64-25.25)	18.86	(14.15-24.74)	26.18	(20.75-32.53)	35.3	(30.52-40.05)	45.14	(39.9-50.09)	55.3	(50.66-59.26)	67.96	(58.51-76.18)
Chile	84.5	(73.56-91.22)	95.92	(91.68-98.22)	96	(90.83-98.69)	95.75	(90.54-98.25)	94.58	(89.75-97.53)	95.56	(90.9-98.23)	94.78	(88.87-97.86)	94.45	(85.23-98.62)
China	69.05	(58.31-78.6)	86.62	(82.33-90.18)	94.18	(92.19-98.84)	98.33	(96.61-99.08)	98.33	(96.61-99.08)	99.48	(99.06-99.68)	99.75	(99.61-99.83)	99.8	(99.73-99.86)
Colombia	65.27	(40.55-85.53)	73.27	(59.91-84.11)	82.68	(75.3-88.51)	96.04	(94.58-97.21)	95.38	(94.08-96.52)	96.29	(95.99-97.26)	96.15	(94.26-97.63)	97.59	(95.1-99.02)
Comoros	92.76	(80.21-98.16)	93.52	(80.21-98.16)	93.52	(80.21-98.16)	93.52	(80.21-98.16)	93.52	(80.21-98.16)	93.52	(80.21-98.16)	93.52	(80.21-98.16)	93.52	(80.21-98.16)
Congo	94.21	(87.68-97.76)	96	(92-98.27)	98.04	(95.51-99.62)	88.2	(81.59-93)	69.05	(57.97-78.58)	68.04	(59.2-76.14)	93.15	(89.01-96.02)	98.82	(96.67-99.7)
Costa Rica	63.8	(29.52-89.14)	64.75	(38.79-86.12)	75.26	(60.88-86.96)	74.44	(61.97-89.67)	81.49	(71.96-88.68)	87.56	(79.27-93.14)	97.51	(94.98-99.2)	98.82	(96.67-99.7)
Cote d'Ivoire	90.28	(85.4-98.88)	93.12	(79.57-98.51)	95.2	(88.11-98.43)	96.69	(93.41-99.61)	97.59	(95.11-99.01)	98.28	(95.92-99.34)	98.66	(96.66-99.57)	98.94	(97.06-99.76)
Croatia	98.11	(95.22-99.47)	98.67	(96.87-99.55)	99.29	(98.12-99.78)	99.57	(98.83-99.91)	99.77	(99.33-99.96)	99.86	(99.57-99.98)	99.91	(99.67-99.98)	99.91	(99.71-99.99)
Cuba	70.21	(2.76-99.87)	73.88	(3.42-98.8)	78.19	(4.65-99.94)	78.47	(5.98-99.95)	80.02	(6.64-99.96)	82.64	(9.71-99.97)	86.58	(15.17-99.99)	88.57	(23.13-99.99)
Czech Republic	91.13	(70-99.02)	93.16	(76.34-98.8)	94.18	(86.19-98.18)	96.68	(93.75-98.56)	97.96	(95.6-99.2)	98.02	(96.49-99.6)	98.14	(97.13-99.94)	98.72	(97.77-99.94)
Democratic Republic of the Congo	79.24	(66.05-89.57)	77.31	(66.77-84.99)	68.69	(57.22-78.68)	57.29	(43.68-68.77)	57.95	(44.48-70.14)	84.65	(76.17-91.04)	87.57	(80.08-92.88)	91.77	(82.62-97.02)
Denmark	89.96	(71.98-98.14)	87.08	(65.45-97.48)	81.04	(31.66-99.38)	78.55	(3.29-99.79)	80.11	(12.05-99.92)	83.84	(12.65-99.97)	86.48	(18.79-99.98)	88.73	(20.79-99.99)
Djibouti	42.12	(21.24-64.08)	58.61	(44.96-71.27)	78.83	(69.58-86.11)	71.14	(61.09-79.8)	68.03	(58.75-76.36)	85.52	(79.76-90.63)	94.47	(90.21-97.23)	96.6	(92.04-98.81)
Dominica	77.14	(61.08-88.13)	88.72	(80.21-94.29)	96.56	(92.28-98.92)	98.43	(95.75-99.65)	98.88	(96.97-99.71)	98.81	(96.83-99.71)	98.95	(96.94-99.76)	99.22	(97.44-99.86)
Dominican Republic	43.42	(29.32-57.6)	59.19	(49.3-67.85)	71.06	(63.57-77.54)	86.2	(82.05-89.92)	93.89	(91.62-95.76)	98.03	(90.88-95.74)	94.35	(91.85-96.23)	96.6	(92.04-98.81)
Ecuador	86.32	(74.57-94.06)	91.96	(86.66-95.87)	95.64	(92.93-97.54)	98.08	(96.7-98.97)	99.01	(98.99-99.4)	98.73	(97.02-99.58)	97.76	(95.21-99.2)	97.2	(93.72-98.99)
Egypt	67.37	(55.8-78.19)	75.45	(68.02-81.71)	87.52	(83.28-91.16)	96.62	(95.27-97.67)	99.06	(98.62-99.39)	99.15	(98.76-99.44)	99.14	(98.79-99.51)	99.48	(99.08-99.74)
El Salvador	59.26	(46.11-71.47)	63.71	(55.82-71.6)	74.65	(65.94-82.41)	92.15	(86.56-95.81)	97.37	(94.5-98.92)	98.38	(95.91-99.49)	99.06	(97.44-99.76)	99.46	(98.52-99.88)
Equatorial Guinea	29.11	(11.44-54.06)	38.04	(23.55-52.86)	54.46	(42.1-65.91)	62.38	(51.01-72.31)	61.82	(52.69-70.71)	57.41	(47.85-66.62)	53.21	(43.91-62.41)	53.79	(39.51-67.53)
Eritrea	43.76	(12.85-78.7)	43.52	(17.02-72.54)	40.03	(24.16-57.18)	63.46	(55.16-70.37)	83.06	(78.05-87.47)	95.97	(93.05-98.03)	98.47	(96.04-99.6)	99.01	(96.84-99.83)
Estonia	96.13	(91.06-98.79)	97.26	(94.36-98.88)	98.5	(96.83-99.45)	98.08	(94.67-99.32)	98.58	(94.75-99.59)	97.86	(94.72-99.3)	97.47	(94.44-99.01)	97.53	(93.95-99.2)
Ethiopia	7.81	(3.33-14.84)	13.85	(6.77-24.25)	22.09	(14.63-33.52)	36.65	(27.11-46.88)	45.92	(45.75-64.68)	62.23	(63.28-78.52)	71.46	(63.28-78.52)	78.33	(67.48-86.36)
Federated States of Micronesia	7.4	(2.76-15.03)	13.85	(6.77-24.25)	22.09	(14.63-33.52)	36.65	(27.11-46.88)	45.92	(45.75-64.68)	62.23	(63.28-78.52)	71.46	(63.28-78.52)	78.33	(67.48-86.36)
Fiji	97.63	(95.25-99.04)														

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Haiti	78.86 (68.36-86.84)	82.7 (76.84-87.67)	77.04 (71.46-81.79)	77.68 (71.29-82.85)	81.57 (75.7-86.15)	90.08 (87.04-92.54)	94.97 (91.96-97.15)	97.63 (94.64-99.25)
Honduras	49.5 (37.65-60.99)	67.48 (60.16-74.05)	87.14 (81.7-91.34)	98.27 (95.66-98.61)	98.27 (95.66-98.61)	99.11 (97.85-99.16)	99.11 (97.85-99.16)	99.22 (98.42-99.68)
Hungary	98.25 (94.83-99.67)	98.73 (96.58-99.66)	98.76 (97.1-99.64)	98.82 (97.1-99.64)	98.85 (97.1-99.64)	98.86 (97.25-99.67)	98.93 (97.18-99.72)	99.31 (98.01-99.86)
Iceland	85.83 (83.61-99.98)	90.19 (82.31-99.98)	90.82 (25.93-99.99)	91.74 (31.62-100.0)	92.71 (33.84-99.99)	94.84 (80.99-100.0)	96.22 (67.02-100.0)	97.05 (75.58-100.0)
India	43.6 (39.07-48.29)	50.99 (46.36-54.81)	60.21 (57.07-63.37)	70.5 (67.44-73.37)	78.4 (75.88-80.64)	83.69 (82.9-86.36)	86.66 (85.34-87.82)	87.43 (85.94-88.9)
Indonesia	46.43 (40.87-51.75)	59.16 (55.36-62.63)	73.43 (70.66-75.93)	84.1 (81.97-86.07)	84.1 (81.97-86.07)	84.3 (82.91-84.78)	86.04 (84.52-87.51)	88.06 (85.73-90.13)
Iraq	24.59 (13.2-37.81)	46.79 (33.42-60.43)	88.33 (80.15-93.69)	95.68 (95.12-99.0)	99.1 (97.82-99.68)	99.1 (97.82-99.68)	99.27 (99.41-99.94)	99.86 (99.62-99.97)
Iran	66.09 (53.39-77.06)	72.45 (64.93-80.43)	94.32 (91.29-96.67)	97.56 (95.12-99.0)	97.56 (95.12-99.0)	98.33 (80.15-93.69)	99.14 (99.41-99.94)	99.49 (99.62-99.97)
Ireland	62.32 (21.83-92.69)	79.42 (64.93-90.58)	84.38 (50.79-98.03)	83.67 (76.98-98.03)	89.79 (76.39-96.91)	90.45 (89.64-91.4)	90.5 (84.77-95.14)	95.49 (91.95-99.7)
Israel	68.58 (42.06-90.93)	78.91 (74.93-84.78)	82.66 (71.21-99.15)	86.14 (82.55-99.98)	86.14 (82.55-99.98)	88.33 (80.15-93.69)	88.52 (86.65-99.98)	90.45 (91.95-99.7)
Italy	63.6 (47.19-99.33)	75.97 (64.72-84.64)	91.47 (84.22-99.15)	96.06 (92.08-98.4)	96.06 (92.08-98.4)	96.31 (20.69-99.99)	96.29 (93.87-99.99)	98.52 (97.18-99.99)
Jamaica	63.6 (47.19-99.33)	75.97 (64.72-84.64)	91.47 (84.22-99.15)	96.06 (92.08-98.4)	96.06 (92.08-98.4)	96.31 (20.69-99.99)	96.29 (93.87-99.99)	98.52 (97.18-99.99)
Japan	85.66 (76.7-92.18)	88.32 (81.4-97.64)	88.32 (81.4-97.64)	92.38 (91.1-91.49)	93.79 (88.42-97.69)	93.84 (89.35-96.58)	93.8 (87.48-99.47)	99.45 (93.99-94.39)
Jordan	20.1 (8.14-37.64)	38.32 (18.69-61.07)	55.76 (30.53-78.48)	62.28 (39.11-81.49)	75.72 (58.42-87.69)	92.91 (87.48-99.47)	90.5 (84.77-95.14)	99.45 (93.99-94.39)
Kazakhstan	90.65 (69.57-98.8)	93.15 (79.93-98.67)	95.38 (90.06-98.39)	91.76 (85.79-95.85)	92.3 (92.32-99.32)	98.78 (96.97-99.71)	98.78 (96.97-99.71)	99.85 (99.61-99.96)
Kenya	81.52 (74.84-86.75)	84.77 (80.68-87.2)	82.04 (78.08-85.17)	82.3 (82.3-99.32)	82.3 (82.3-99.32)	99.66 (96.3-99.72)	99.84 (99.59-99.96)	99.85 (99.61-99.96)
Kiribati	75.82 (63.3-85.74)	0.67 (0.21-1.64)	85.03 (76.77-91.21)	81.26 (74.94-90.56)	89.38 (83.06-93.71)	90.06 (87.75-91.94)	95.9 (94.59-96.85)	96.5 (95.12-97.48)
Kuwait	0.25 (0.07-0.67)	0.67 (0.21-1.64)	3.87 (1.25-7.03)	21.27 (11.52-34.1)	73.88 (60.42-84.16)	88.08 (81.65-92.7)	93.48 (90.08-96.02)	97.14 (94.77-98.51)
Kyrgyzstan	82.74 (54.32-96.15)	88.65 (74.71-96.44)	94.19 (90.05-97.03)	95.72 (93.24-97.7)	96.23 (92.83-97.6)	97.63 (92.83-97.6)	97.22 (93.74-98.21)	99.2 (98.33-99.68)
Laos	8.35 (4.19-14.78)	13.04 (8.73-18.3)	26.7 (20.77-33.12)	50.24 (43.67-56.89)	58.23 (52.65-63.78)	67.73 (62.89-72.67)	78.22 (73.74-82.21)	86.84 (81.42-91.05)
Lebanon	90.32 (68.68-98.62)	90.66 (76.69-97.74)	93.64 (88.47-99.54)	94.86 (90.35-97.77)	98.35 (92.65-97.91)	97.63 (92.83-97.6)	98.29 (94.98-98.4)	99.2 (98.33-99.68)
Lebanon	90.32 (68.68-98.62)	90.66 (76.69-97.74)	93.64 (88.47-99.54)	94.86 (90.35-97.77)	98.35 (92.65-97.91)	97.63 (92.83-97.6)	98.29 (94.98-98.4)	99.2 (98.33-99.68)
Lesotho	82.3 (59.43-95.08)	93.2 (81.92-98.27)	97.94 (93.84-99.54)	99.43 (98.21-99.86)	99.35 (96.42-99.46)	96.13 (92.67-98.18)	94.62 (91.23-96.93)	95.56 (91.59-97.93)
Liberia	96.09 (88.36-99.29)	95.33 (89.05-98.66)	91.21 (85.19-95.69)	84.46 (78.22-89.27)	91.19 (87.43-93.84)	93.47 (90.67-95.67)	92.06 (92.79-96.79)	99.41 (90.5-97.15)
Libya	52.97 (34.11-71.86)	49.88 (37.82-62.77)	50.68 (36.29-66.09)	55.14 (40.92-68.1)	59.31 (48.26-69.1)	75.19 (66.95-82.66)	82.06 (74.82-88.23)	82.25 (71.59-89.95)
Libya	81.45 (72.45-88.75)	88.96 (83.96-92.69)	95.65 (93.15-97.53)	98.53 (97.32-99.32)	99.18 (98.2-99.68)	99.66 (96.3-99.72)	99.84 (99.59-99.96)	99.85 (99.61-99.96)
Lithuania	91.11 (74.41-98.56)	93.04 (84.67-97.74)	95.13 (91.39-97.61)	95.21 (90.36-98.12)	98.82 (96.97-99.71)	99.66 (96.3-99.72)	99.84 (99.59-99.96)	99.85 (99.61-99.96)
Luxembourg	46.17 (5.67-89.72)	48.49 (15.23-84.47)	45.22 (12.91-79.58)	53.27 (24.98-79.1)	47.71 (17.42-81.15)	29.61 (5.55-69.45)	38.29 (2.71-90.56)	48.39 (1.86-97.6)
Macedonia	92.61 (70.69-99.26)	93.99 (79.87-99.1)	95.05 (85.46-98.83)	96.25 (91.87-98.64)	97.42 (95.39-98.73)	97.56 (95.77-98.68)	98.29 (96.93-99.28)	98.7 (96.68-99.68)
Madagascar	19.34 (11.52-28.98)	40.07 (31.49-48.49)	70.78 (62.81-76.85)	76.72 (69.91-82.64)	77.29 (71.44-82.5)	81.96 (77.1-86.08)	75 (68.82-80.7)	71.9 (59.86-82.21)
Malawi	85.24 (72.53-93.51)	82.93 (75.27-89.23)	90.74 (87.11-93.53)	96.76 (94.68-97.63)	95.44 (93.33-97.09)	96.35 (94.82-97.44)	97.58 (96.49-98.41)	98.31 (97.02-99.14)
Malaysia	94.21 (89.55-97.16)	98.25 (93.77-98.3)	98.29 (96.75-99.24)	98.68 (92.72-97.63)	97.88 (97.86-99.64)	98.87 (97.29-99.54)	98.34 (98.46-99.78)	99.86 (99.88-99.99)
Maldives	31.57 (21.39-44.35)	46.55 (35.77-58.3)	83.19 (75.42-89.25)	95.88 (92.72-97.63)	97.88 (96.55-98.84)	98.84 (97.61-99.31)	99.55 (99.19-99.76)	99.82 (99.65-99.93)
Mali	11.64 (5.08-22.06)	18.94 (12.96-25.45)	42.16 (34.26-50.6)	52.72 (43.99-61.1)	78.55 (55.61-93.27)	73.96 (67.85-79.6)	73.04 (67.17-78.57)	74.06 (63.55-83.25)
Malta	54.94 (50.44-86.12)	68.78 (56.67-79.84)	79.91 (70.52-87)	85.8 (75.35-92.78)	78.55 (55.61-93.27)	73.96 (67.85-79.6)	86.7 (77.01-92.93)	93.89 (89.61-96.84)
Marshall Islands	39.72 (21.66-61.87)	40.8 (48.56-71.49)	49.03 (38.52-59.83)	63.81 (55.51-71.05)	71.43 (64.43-77.75)	78.91 (77.67-88.1)	83.73 (79.34-92.75)	81.73 (74.19-87.99)
Mauritania	51.86 (34.01-71.64)	64.61 (56.71-74.9)	69.32 (61.59-76.33)	74.17 (67.35-80.31)	71.68 (65.42-77.82)	78.91 (77.67-88.1)	83.73 (79.34-92.75)	87.37 (79.34-92.75)
Mauritius	84.07 (76.66-90.46)	84.07 (76.66-90.46)	86.73 (81.61-90.67)	87.79 (82.95-91.58)	91.91 (88.1-94.89)	96.49 (94.98-100.0)	97.87 (95.87-98.99)	98.73 (97.38-99.5)
Mexico	55.19 (45.87-64.25)	67.46 (61.25-72.99)	88.24 (84.29-91.11)	87.92 (82.95-91.58)	98.9 (98.4-99.23)	98.91 (98.4-99.23)	98.98 (98.48-99.31)	99.2 (98.68-99.46)
Moldova	55.19 (45.87-64.25)	67.46 (61.25-72.99)	88.24 (84.29-91.11)	87.92 (82.95-91.58)	98.9 (98.4-99.23)	98.91 (98.4-99.23)	98.98 (98.48-99.31)	99.2 (98.68-99.46)
Mongolia	96.23 (89.39-98.34)	95.48 (92.49-98.45)	98 (95.99-99.13)	97.8 (95.73-99.07)	99.14 (98.13-99.69)	99.22 (98.35-99.7)	98.96 (97.92-99.67)	99.85 (98.71-99.88)
Mongolia	96.23 (89.39-98.34)	95.48 (92.49-98.45)	98 (95.99-99.13)	97.8 (95.73-99.07)	99.14 (98.13-99.69)	99.22 (98.35-99.7)	98.96 (97.92-99.67)	99.85 (98.71-99.88)
Montenegro	98.55 (92.28-99.9)	98.93 (95.49-99.92)	99.2 (96.22-99.94)	99.32 (96.99-99.72)	98.46 (96.07-94.68)	99.04 (98.68-99.41)	99.66 (99.29-99.86)	99.85 (99.52-99.96)
Morocco	63.16 (48.4-76.02)	77.19 (70.21-83.46)	90.85 (87.11-93.8)	95.3 (92.94-96.99)	96.86 (95.27-97.96)	98.73 (95.68-98.68)	98.79 (96.67-99.72)	98.33 (95.31-99.57)
Mozambique	51.12 (38.84-63.24)	50.29 (45.48-57.54)	57.44 (50.6-63.9)	78.41 (76.59-83.57)	91.13 (87.35-94.02)	92.16 (90.04-93.82)	91.7 (89.14-93.8)	93.89 (89.61-96.84)
Myanmar	37.32 (27.21-49.02)	53.94 (45.29-69.2)	75.25 (67.91-81.22)	70.16 (66.82-92.97)	94.06 (91.65-96.12)	97.05 (95.04-98.42)	99.08 (98.12-99.59)	99.67 (99.31-99.88)
Namibia	75.35 (45.38-92.65)	80.33 (65.92-93.71)	86.38 (81.06-90.52)	85.06 (79.34-89.58)	84.79 (80.6-88.53)	91.7 (88.97-94.07)	94.82 (92.71-96.43)	96.44 (92.97-98.52)
Namibia	75.35 (45.38-92.65)	80.33 (65.92-93.71)	86.38 (81.06-90.52)	85.06 (79.34-89.58)	84.79 (80.6-88.53)	91.7 (88.97-94.07)	94.82 (92.71-96.43)	96.44 (92.97-98.52)
Nepal	43.69 (31.32-56.7)	85.39 (55.85-99.97)	87.98 (81.26-99.98)	88.98 (83.06-99.98)	87.6 (84.75-99.98)	90.71 (29.8-99.99)	93.39 (43.28-99.99)	97.05 (94.63-98.53)
Netherlands	82.16 (9.51-99.96)	19.13 (12.52-26.88)	18.59 (9.13-31.68)	32.47 (3.87-77.11)	42.49 (1.6-94.94)	49.96 (1.22-98.56)	54.35 (0.9-99.25)	58.94 (1.31-99.57)
New Zealand	17.55 (3.2-46.18)	87.95 (79.48-94.2)	89.23 (82.27-93.84)	93.14 (87.82-96.38)	96.54 (93.2-98.47)	98.1 (95.52-99.37)	99.26 (98.1-99.84)	99.66 (98.95-99.95)
Nicaragua	76.5 (59.84-88.71)	87.95 (79.48-94.2)	89.23 (82.27-93.84)	93.14 (87.82-96.38)	96.54 (93.2-98.47)	98.1 (95.52-99.37)	99.26 (98.1-99.84)	99.66 (98.95-99.95)
Niger	24.34 (12.63-38.99)	33.7 (22.59-45.2)	53.01 (43.65-61.61)	55.42 (47.96-62.69)	49.04 (41.57-56.68)	72.27 (64.67-78.49)	81.76 (76.91-85.97)	83.93 (74.8-90.9)
Nigeria	23.31 (13.48-35.61)	40.27 (31.84-49.15)	52.72 (44.02-62.24)	45.24 (36.95-53.68)	42.94 (35.5-50.06)	51.1 (45.1-57.05)	58.97 (53.06-64.52)	66.81 (54.85-77.6)
North Korea	58.39 (46.16-69.68)	68.61 (59.14-76.95)	88.15 (81.54-93.18)	93.95 (90.42-96.65)	90.95 (90.42-96.65)	97.39 (95.18-98.8)	99.24 (98.41-99.73)	99.67 (99.23-99.9)
Northern Mariana Islands	98.97 (97.27-99.69)	99.47 (98.68-99.85)	99.75 (99.33-99.93)	99.9 (99.75-99.97)	99.92 (99.81-99.98)	99.94 (99.86-99.98)	99.95 (99.87-99.99)	99.94 (99.85-99.98)
Norway	86.46 (78.8-86.18)	91.05 (84.7-95.02)	99.07 (97.86-99.65)	99.27 (97.82-99.34)	92.92 (84.44-97.48)	92.11 (85.79-96.14)	90.94 (83.04-95.76)	86.67 (58.26-99.22)
Oman	78.28 (67.8-86.18)	91.05 (84.7-95.02)	99.07 (97.86-99.65)	99.27 (97.82-99.34)	92.92 (84.44-97.48)	92.11 (85.79-96.14)	90.94 (83.04-95.76)	86.67 (58.26-99.22)
Pakistan	21.15 (11.3-35.08)	41.88 (32.46-51.58)	70.33 (62.85-76.77)	68.76 (63.17-74.43)	73.48 (68.77-77.61)	79.13 (74.82-83.07)	82.92 (79.37-86.42)	83.09 (76.27-88.66)
Pakistan	21.15 (11.3-35.08)	41.88 (32.46-51.58)	70.33 (62.85-76.77)	68.76 (63.17-74.43)	73.48 (68.77-77.61)	79.13 (74.82-83.07)	82.92 (79.37-86.42)	83.09 (76.27-88.66)
Palestine	94.9 (86.77-98.59)	97.67 (93.74-99.36)	98.68 (96.84-99.62)	99.26 (98.42-99.74)	98.86 (97.83-99.45)	98.86 (98.15-99.38)	99.02 (98.24-99.51)	99.32 (98.49-99.75)
Palestine	94.9 (86.77-98.59)	97.67 (93.74-99.36)	98.68 (96.84-99.62)	99.26 (98.42-99.74)	98.86 (97.83-99.45)	98.86 (98.15-99.38)	99.02 (98.24-99.51)	99.32 (98.49-99.75)
Panama	85.45 (74.72-92.33)	84.03 (75.77-88.72)	87.34 (81.88-91.59)	93.4 (90.3-95.63)	96.16 (94.43-97.47)	95.39 (93.29-96.99)	94.65 (91.63-96.84)	95.98 (92.33-98.22)
Papua New Guinea	76.31 (66.33-84.5)	84.03 (75.77-88.72)	87.34 (81.88-91.59)	93.4 (90.3-95.63)	96.16 (94.43-97.47)	95.39 (93.29-96.99)	94.65 (91.63-96.84)	95.98 (92.33-98.22)
Paraguay	41.58 (30.06-53.25)	61.25 (53.7-68.12)	80.51 (74.86-85.53)	95.45 (92.8-97.31)	91.16 (87.32-94.2)	86.97 (82.72-90.83)	75.11 (68.5-80.67)	93.6 (89-96.59)
Peru	59.03 (44.63-72.52)	67.57 (59.08-75.85)	85.96 (80.62-90.1)	96.24 (94.64-97.49)	91.22 (84.67-92.01)	88.39 (88.38-92.04)	89.01 (84.72-92.38)	99.88 (99.62-99.98)
Philippines	69.6 (58.01-79.71)	81.41 (74.95-86.9						

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Seychelles	89.4 (80.89-94.86)	94.76 (90.61-97.4)	98.15 (96.58-99.23)	99.54 (98.99-99.83)	99.71 (99.33-99.9)	99.71 (99.33-99.91)	99.75 (99.43-99.92)	99.82 (99.58-99.95)
Sierra Leone	43.51 (29.88-57.71)	61.19 (48.59-73.03)	74.67 (64.96-82.99)	71.97 (64.58-78.69)	68.5 (60.46-75.63)	81.56 (75.28-86.43)	91.08 (87-94)	93.91 (89.24-97.03)
Singapore	83.3 (71.68-91.46)	92.73 (86.11-96.72)	97.19 (91.53-99.5)	94.81 (90.81-99.69)	98.7 (95.1-99.83)	98.98 (95.85-99.91)	99.36 (96.42-99.99)	99.47 (96.17-100)
Slovakia	85.12 (56.62-97.97)	89.28 (71.6-97.96)	92.59 (84.42-97.31)	94.84 (90.7-97.46)	95.61 (92.4-97.74)	96.58 (93.16-99.92)	96.87 (93.19-99.92)	97.74 (93.45-99.44)
Slovenia	89.36 (67.84-98.6)	91.46 (77.02-98.14)	93.05 (84.49-99.58)	96.05 (91.8-98.35)	97.18 (93.86-98.97)	98.23 (95.61-99.51)	99.23 (97.23-99.87)	99.68 (92.78-99.96)
Solomon Islands	65.53 (52.02-76.33)	73.01 (63.61-80.94)	84.87 (77.79-90.04)	90.61 (85.48-94.04)	93.63 (90.09-96.05)	91.81 (87.33-95)	93.95 (90.1-96.5)	96.07 (92.78-98.04)
Somalia	9.41 (3.73-18.72)	16.79 (10.81-24.66)	25.78 (16.63-38.85)	37.51 (24.82-51.72)	44.79 (34.35-54.7)	39.53 (32.14-47.81)	32.45 (26.16-39.16)	30.34 (19.49-42.65)
South Africa	80.62 (69.6-88.46)	80.31 (73.45-86.28)	82.79 (76.94-87.2)	92.93 (89.02-95.73)	92.86 (88.68-95.83)	93.85 (89.84-96.56)	97.49 (95.21-98.81)	98.66 (97.34-99.36)
South Korea	48.05 (18.42-61.88)	22.42 (3.62-61.88)	21.42 (53.98-85.79)	25.12 (7.3-95.2)	33.92 (11.73-64.08)	42.53 (25.68-60.88)	98.06 (89.34-99.95)	98.49 (89.24-99.99)
South Sudan	68.64 (3.06-99.84)	75.08 (3.27-58.05)	23.41 (4.36-61.87)	83.74 (12.33-61.48)	83.92 (11.73-64.08)	92.53 (25.68-60.88)	90.29 (41.79-58.77)	98.49 (89.24-99.99)
Spain	83.32 (72.71-90.74)	83.32 (72.71-90.74)	78.64 (5.95-99.93)	99.64 (99.19-99.86)	99.64 (99.19-99.86)	99.79 (99.75-99.97)	99.45 (42.22-99.99)	99.94 (49.3-99.99)
Sri Lanka	5.9 (2.59-11.07)	87.31 (61.5-98.1)	18.24 (12.8-25.03)	97.15 (94.99-98.52)	99.64 (94.3-99.61)	97.14 (65.55-76.05)	82.12 (78.57-85.57)	99.94 (99.86-99.98)
Suriname	87.31 (61.5-98.1)	18.24 (12.8-25.03)	49.57 (42.63-56.27)	66.28 (64.63-73.83)	69.5 (64.34-73.93)	71.30 (65.55-76.05)	82.12 (78.57-85.57)	88.73 (84.61-92.11)
Swaziland	81.12 (60.82-92.16)	86.62 (74.97-94.37)	93.71 (79.17-99.23)	96.94 (93.83-98.74)	96.31 (93.21-98.26)	94.26 (90.22-96.93)	97.05 (94.1-98.66)	98.79 (96.96-99.66)
Sweden	6.02 (1.48-12.82)	12.27 (5.07-20.4)	12.91 (5.13-21.34)	14.23 (6.36-22.7)	15.84 (7.33-23.63)	18.93 (8.71-28.18)	22.75 (11.06-32.86)	27 (12.17-42.49)
Switzerland	39.34 (0.25-98.54)	67.35 (54.47-75.03)	82.67 (64.94-92.32)	92.53 (88.83-95.2)	92.54 (87.24-95.24)	91.76 (87.21-95.3)	90.51 (84.35-94.57)	87.72 (79.46-93.18)
Taiwan	97.75 (94.44-99.35)	99.24 (98.04-99.78)	99.81 (99.49-99.94)	99.9 (99.74-99.97)	99.91 (99.78-99.97)	99.96 (99.89-99.99)	99.98 (99.95-99.99)	99.98 (99.95-99.99)
Tajikistan	69.32 (35.53-92.04)	77.29 (55.12-91.65)	85.19 (76.75-91.03)	89.64 (85.29-93.14)	92.89 (89.82-95.05)	94.13 (91.46-96.06)	96.4 (94-98.07)	98.06 (95.2-99.44)
Tanzania	75.96 (62.98-85.26)	86.84 (80.97-91.44)	92.92 (88.64-95.96)	92.74 (88.97-95.56)	93.35 (90.61-95.5)	93.7 (90.93-95.76)	95.34 (93.28-96.92)	95.84 (93.07-97.69)
Thailand	52.41 (40.23-63.83)	68.36 (60.14-75.5)	81.68 (75.31-87.21)	88.41 (83.64-92.09)	90.2 (89.61-92.09)	92.65 (88.58-95.55)	91.57 (86.95-94.85)	99.75 (99.02-99.97)
The Bahamas	94.19 (80.82-99.13)	95.87 (85.99-99.47)	96.93 (89.21-99.62)	98.66 (95.26-99.82)	99.2 (89.61-95.71)	99.5 (98.28-99.93)	91.57 (86.95-94.85)	93.49 (87.99-96.93)
The Gambia	88.07 (79.39-94.16)	92.01 (87.61-95.39)	93.92 (90.54-96.61)	93.14 (89.63-95.85)	93.03 (89.64-95.71)	92.65 (88.58-95.55)	91.57 (86.95-94.85)	93.49 (87.99-96.93)
Timor-Leste	12.74 (4.44-26.66)	16.23 (6.72-31.33)	19.31 (9.99-31.79)	28.93 (19.91-38.91)	34.3 (27.88-41.33)	34.45 (28.44-42.22)	40.33 (32.71-48.44)	48.17 (37.75-59.36)
Togo	82.24 (58.77-95.45)	85.32 (72.94-4)	87.49 (80.85-92.66)	76.03 (70.02-81.49)	79.81 (74.84-84.35)	90.82 (88.36-92.9)	91.6 (88.3-94.34)	91.98 (85.76-96.02)
Tonga	92.41 (86.84-96.27)	93.79 (89.75-96.59)	96.97 (94.59-98.55)	98.44 (97.02-99.32)	98.85 (97.66-99.55)	99.25 (98.46-99.71)	99.41 (98.7-99.77)	99.66 (99.25-99.88)
Trinidad and Tobago	93.52 (79.44-99.11)	95.54 (85.45-99.39)	97.14 (89.9-99.66)	98.43 (94.42-99.82)	98.96 (96.39-99.87)	99.34 (97.59-99.92)	99.5 (98.27-99.94)	99.63 (98.66-99.96)
Tunisia	83.23 (71.88-91.57)	90.07 (84.45-94.38)	93.18 (89.06-96.23)	96.32 (93.49-98.23)	98.99 (97.87-99.57)	99.32 (98.6-99.73)	99.59 (99.03-99.84)	99.78 (99.48-99.93)
Turkey	59.46 (43.61-74.24)	59.34 (46.5-70.63)	63.2 (52.99-72.96)	80.38 (73.55-86.05)	92.88 (89.59-95.53)	98.18 (96.63-99.14)	99.54 (99.02-99.85)	99.74 (99.33-99.93)
Turkmenistan	89.96 (67.91-98.59)	92.29 (78.53-98.29)	94.74 (88.75-97.94)	96.09 (92.8-98.16)	98.49 (97.15-99.32)	98.91 (97.94-99.53)	98.98 (97.87-99.59)	99.26 (98.3-99.73)
Uganda	35.64 (19.52-56.01)	83.89 (52.29-97.14)	88.22 (68.42-97.32)	80.06 (73.82-85.76)	81.88 (75.75-86.97)	76.32 (69.35-82.24)	75.22 (68.12-81.42)	78.26 (68.65-86.69)
Ukraine	29.45 (17.76-42.41)	55.01 (40.85-68.42)	94.46 (87.04-98.18)	94.58 (89.71-97.58)	96.58 (93.35-98.51)	94.45 (89.48-97.31)	92.13 (85.98-96.13)	87.11 (73.67-95.22)
United Arab Emirates	48.84 (28.55-70.33)	56.36 (37.45-67.67)	44.22 (31.27-57.47)	98.84 (97.18-99.63)	96.58 (93.35-98.51)	94.45 (89.48-97.31)	99.64 (99.11-99.88)	99.61 (99.02-99.88)
United Kingdom	92.56 (65.53-98.04)	93.27 (65.6-98.37)	93.71 (69.78-98.69)	94.8 (74.31-98.92)	95.02 (75.77-100)	95.88 (80.17-99.18)	43.47 (27.9-63.87)	50.1 (32.18-70.2)
United States	68.18 (48.28-83.78)	91.71 (80.45-97.54)	98.15 (91.65-99.88)	99.09 (96.59-99.99)	99.09 (92.76-100)	98.92 (89.04-100)	96.64 (82.12-99.18)	97.01 (86.26-99.27)
Uruguay	88 (64.48-97.99)	91.71 (80.45-97.54)	98.15 (91.65-99.88)	99.09 (96.59-99.99)	99.09 (92.76-100)	98.92 (89.04-100)	98.99 (91.29-100)	99.16 (92.63-100)
Venezuela	41.33 (29.6-54.45)	55.66 (46.42-63.67)	69.22 (61.46-75.72)	71.49 (63.58-78.65)	99.09 (98.44-99.55)	99.17 (98.04-99.66)	99.45 (98.35-99.89)	99.69 (98.76-99.96)
Vietnam	39.3 (25.58-54.22)	82.6 (75.52-88.34)	85.33 (79.52-90.03)	89.62 (85.11-93.01)	92.95 (89.96-95.52)	69.83 (62.55-76.22)	78.06 (71.71-83.23)	82.28 (74.47-88.98)
Virgin Islands, U.S.	98.23 (93.03-99.77)	97.47 (96.41-99.87)	81.45 (76.11-86.24)	89.87 (86.83-92.32)	93 (90.99-94.54)	95.29 (93.89-96.4)	94.07 (90.22-98.11)	96.29 (91.75-98.66)
Yemen	13.02 (7.74-20.12)	22.82 (17.17-29.02)	51 (43.29-58.92)	99.74 (99.13-99.97)	99.84 (99.4-99.98)	99.9 (99.61-99.99)	99.92 (99.68-99.99)	99.92 (99.73-99.99)
Zambia	83.67 (63.68-94.6)	89.07 (80.51-94.74)	96.68 (94.18-98.18)	97.2 (95.66-98.32)	96.25 (94.19-97.8)	95.6 (93.46-97.25)	94.79 (92.32-96.62)	96.74 (93.71-98.6)
Zimbabwe	75.1 (57.97-87.91)	84.47 (77.65-89.85)	90.19 (85.84-93.48)	89.76 (85.63-93.06)	80.08 (72.73-85.81)	80.19 (74.07-85.89)	90.24 (85.52-93.68)	97.72 (95.21-99.02)

Table 2: Country-level vaccination coverage of MCV1 by 5 year period from 1980-2015

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Alghanistan	6.3 (3-11.04)	11.26 (7.57-15.78)	18.68 (14.32-23.84)	26.13 (20.98-32.21)	29.63 (24.05-35.35)	45.36 (39.5-51.21)	59.78 (54.42-64.59)	74.22 (66.44-81.47)
Albania	94.6 (89.43-98.82)	94.07 (88.04-97.87)	93.03 (87.64-96.67)	93.03 (87.64-96.67)	97.24 (94.35-98.86)	97.24 (94.35-98.86)	99.67 (97.05-99.93)	99.67 (97.05-99.93)
Algeria	45 (25.78-66.11)	60.24 (47.89-76.48)	77.63 (69.31-85.07)	88.27 (83.71-92.11)	93.8 (90.47-96.19)	97.59 (96.09-98.59)	98.87 (98.05-99.43)	99.21 (98.13-99.74)
American Samoa	82.08 (64.49-93.38)	95.37 (89.53-98.43)	95.37 (89.53-98.43)	97.07 (93.16-99.05)	94.58 (90.57-97.43)	99.06 (97.27-99.64)	99.22 (98.21-99.74)	99.21 (98.13-99.74)
Andorra	70.56 (24.32-97.48)	75.34 (32.95-91.92)	79.59 (47.92-96.15)	88.6 (75.2-96.16)	94.58 (90.57-97.43)	95.32 (91.47-97.77)	96.39 (92.92-98.53)	96.42 (91.08-98.35)
Angola	43.21 (21.49-66.98)	48.63 (33.95-61.92)	40.81 (31.66-50.55)	47.02 (38.06-56.96)	52.73 (42.49-62.07)	63.21 (54.57-71.54)	76.81 (68.59-83.8)	85.55 (76.28-92.35)
Antigua and Barbuda	68.26 (47.72-84.68)	77.62 (67.04-87.62)	79.37 (84.54-94.22)	95.74 (92.56-97.86)	98.4 (96.6-99.42)	99.34 (98.98-99.94)	99.69 (98.98-99.64)	99.37 (99.29-99.79)
Argentina	68.81 (52.98-82.59)	79.39 (70.84-87.22)	94.55 (88.82-97.82)	91.65 (86.33-95.18)	96.35 (92.58-98.53)	96.44 (92.24-98.76)	96.18 (91.78-98.61)	96.37 (91.81-98.79)
Armenia	85.15 (56.76-97.46)	90.53 (75.16-97.63)	94.55 (88.82-97.82)	91.65 (86.33-95.18)	96.35 (92.58-98.53)	96.44 (92.24-98.76)	96.18 (91.78-98.61)	96.37 (91.81-98.79)
Australia	60.84 (37.12-81.27)	71.01 (61.31-79.92)	81.44 (73.92-87.75)	86.45 (81.19-90.85)	90.81 (87.96-95.48)	94.25 (90.93-96.73)	97.49 (95.12-98.91)	98.77 (96.84-99.65)
Austria	23.1 (12.01-37.43)	42.63 (32.72-52.03)	57.69 (48.34-67.24)	71.68 (62.23-72.2)	76.01 (68.01-82.98)	77.57 (69.9-95.84)	84.19 (73.23-91.51)	90.08 (76.58-97.67)
Azerbaijan	35.91 (9.47-71.43)	47.62 (23.09-71.41)	67.17 (52.23-72.44)	65.7 (59.23-72.2)	72.84 (67.67-78.36)	73.21 (67.25-78.62)	76.18 (69.9-81.63)	80.07 (71.49-87.3)
Bahrain	51.99 (40.49-63.85)	68.26 (61.35-75.88)	86.64 (81.68-90.62)	96.77 (92.97-98.16)	99.33 (98.98-99.64)	99.33 (98.98-99.64)	99.9 (99.74-99.97)	99.93 (99.81-99.98)
Bahram	11.26 (5.55-20.01)	18.46 (12.35-25.88)	58.43 (47.27-69.02)	88.67 (82.99-93.04)	83.41 (77.69-88.25)	91.02 (87.56-93.84)	96.3 (93.83-97.96)	98.23 (96.09-99.3)
Bangladesh	62.48 (44.93-77.83)	79.67 (70.32-86.77)	88.95 (82.97-93.42)	94.84 (91.53-99.28)	94.39 (90.74-96.96)	92.63 (88.32-95.85)	92.28 (87.21-95.79)	94.62 (88.88-97.65)
Barbados	64.63 (46.8-80.5)	71.59 (59.52-80.21)	94.34 (88.32-97.73)	98.47 (95.9-99.61)	99.56 (98.74-99.91)	99.77 (99.32-99.96)	99.88 (99.56-99.99)	99.92 (99.66-99.99)
Belarus	54.47 (31.31-76.28)	70.47 (56.22-81.8)	75.14 (65.26-82.5)	79.63 (72.33-85.95)	88.39 (83.55-92)	89.52 (83.72-93.32)	95.47 (91.83-97.78)	97.03 (93.32-98.99)
Belgium	35.25 (24.29-47.75)	52.57 (43.91-61.24)	72.95 (65.63-79.76)	81.75 (76.13-86.56)	88.39 (83.55-92)	89.52 (83.72-93.32)	95.47 (91.83-97.78)	96.45 (93.23-98.28)
Benin	14.64 (4.75-31.17)	20.32 (13.02-29.89)	50.31 (42.3-58.64)	71.06 (64.24-76.8)	72.45 (66.82-77.65)	77.35 (72.39-82.01)	81.89 (77.37-85.65)	82.03 (74.05-88.84)
Bhutan	93.71 (79.55-99.23)	40.67 (31.78-49.62)	63.82 (54.24-72.55)	99.66 (98.9-99.95)	99.92 (99.74-99.99)	99.96 (99.9-100)	99.97 (99.9-100)	99.98 (99.93-100)
Bolivia	27.68 (16.11-42.7)	41.73 (30.89-52.98)	69.13 (57.97-78.39)	89.59 (88.61-93.83)	82.91 (76.6-88.17)	89.84 (84.9-93.58)	95.08 (91.91-97.29)	96.82 (93.62-98.59)
Bosnia and Herzegovina	60.37 (22.34-90.38)	65.37 (33.91-88.57)	70.96 (53.87-84.99)	89.06 (80.33-96.8)	93.7 (91.17-95.79)	97.49 (96.23-98.42)	98.64 (97.49-99.94)	98.91 (97.34-99.65)
Botswana	81.39 (67.37-90.89)	81.43 (72.41-88.48)	80.5 (71.05-87.45)	85.48 (77.79-91.16)	90.55 (85.13-94.6)	94.54 (90.41-97.29)	97.52 (94.11-99.23)	97.95 (94.12-99.65)
Brazil	74.65 (68.53-79.93)	80.47 (77.83-81.61)	85.74 (83.22-88.02)	94.53 (92.95-95.7)	96.97 (91.86-99.23)	96.89 (91.86-99.08)	96.48 (92.63-98.72)	96.44 (91.16-99.6)
Brunei	86.41 (72.16-94.86)	92.18 (83.08-96.98)	93.75 (84.13-98.1)	95.81 (88.98-98.92)	96.97 (91.86-99.23)	96.89 (91.86-99.08)	96.48 (92.63-98.72)	96.44 (91.16-99.6)
Bulgaria	94.99 (87.61-98.54)	96.26 (91.59-98.71)	96.59 (93.3-98.5)	93.41 (89.96-93.1)	92.86 (88.37-95.98)	95.01 (91.72-97.31)	95.14 (91.58-97.41)	96 (92.25-98.34)
Burkina Faso	46.54 (24.16-69.95)	66.26 (40.08-70.52)	61.45 (48.42-73.94)	63.17 (52.14-72.54)	72.31 (62.82-80.43)	87.77 (81.99-92.02)	90.41 (85.44-93.86)	92.57 (84.86-97.08)
Burundi	40.8 (24.15-58.79)	54.72 (44.88-64.96)	71.18 (61.24-79.61)	68.52 (59.47-76.69)	70.41 (60.84-79.2)	92.76 (87.37-96.4)	93.92 (85.43-99.42)	98.58 (95.37-99.75)
Cambodia	29.32 (17.41-43.91)	33.51 (24.27-43.67)	36.29 (30.87-42.38)	46.91 (42.47-51.46)	55.01 (49.82-60.46)	73.41 (68.25-78.08)	83.92 (79.59-87.67)	92.31 (88.97-95.1)
Cameroon	39.95 (22-61.05)	47.67 (33.69-61.2)	56.01 (45.34-66.28)	59.72 (50.02-69.06)	67.13 (57.12-75.6)	84.54 (77.93-92.02)	90.26 (80.78-96.82)	93.48 (86.17-97.5)
Canada	69.29 (32-62.93.15)	78.56 (57.62-92.45)	90.88 (80.83-96.3)	96.85 (91.49-96.46)	97.29 (93.5-99.11)	95.91 (92.33-98.12)	94.26 (80.78-96.82)	93.48 (86.17-97.5)
Cape Verde	49.42 (22.13-75.73)	66.02 (52.89-78.3)	85.45 (78.75-90.57)	87.19 (81.9-86.74)	73.19 (64.81-81)	74.25 (65.62-81.7)	88.11 (81.59-92.87)	94.75 (89.94-97.86)
Central African Republic	21 (12.92-30.64)	33.02 (22.85-41.37)	55.67 (47.42-65.33)	50.15 (41.97-65.46)	65.61 (59.25-55.74)	65.61 (59.25-55.74)	70.04 (60.99-78.3)	60.93 (47.19-73.84)
Chad	3.45 (0.58-11.56)	3.51 (1.04-9.1)	5.9 (3.02-10.51)	11.91 (7.18-16.95)	22.65 (18.29-27.06)	43.5 (39.88-48.32)	58.61 (53.2-63.95)	66.54 (56.69-75.05)
Chile	93.21 (85.82-97.45)	93.93 (90.05-96.74)	93.09 (88.7-96.34)	95.11 (91.68-97.52)	92.45 (92.97-77)	93.5 (89.08-96.66)	92.39 (87.88-95.68)	94.55 (87.78-97.8)
China	81.48 (70.87-88.67)	89.16 (81.85-93.51)	94.54 (90.34-96.78)	97.3 (95.23-98.4)	98.48 (97.39-99.07)	93.5 (89.08-96.66)	92.39 (87.88-95.68)	94.55 (87.78-97.8)
Colombia	52.01 (33.28-70.92)	72.65 (60.95-83.5)	87 (79.58-92.61)	93.6 (89.45-96.46)	94.49 (90.39-97.08)	96.8 (93.89-98.45)	99.69 (99.55-99.78)	99.49 (98.5-99.8)
Comoros	31.27 (12.24-55.59)	43.01 (24.74-56.51)	61.28 (52.12-69.88)	64.28 (52.53-72.1)	65.47 (56.46-73.97)	73.18 (65.27-80.45)	79.54 (72.99-85.04)	83.42 (73.37-90.92)
Congo	65.26 (47.4-80.8)	74.31 (65.54-82.14)	75.8 (68.49-82.54)	63.13 (52.59-72.21)	60.18 (51.43-68.42)	81.12 (74.54-86.41)	90.54 (85.26-94.24)	94.63 (89.56-97.56)
Costa Rica	87.52 (75.19-94.77)	94.69 (89.55-97.66)	94.69 (89.55-97.66)	95.23 (90.01-98.11)	96.69 (93.12-98.64)	98.62 (97.09-99.45)	99.16 (98.09-99.7)	99.57 (98.88-99.88)
Cote d'Ivoire	60.3 (24.94-88.63)	71.73 (59.18-82.71)	70.53 (62.36-77.93)	70.53 (62.36-77.93)	72.96 (64.69-80.32)	74.41 (65.44-82.4)	82.22 (73.85-88.7)	88.85 (79.41-95.05)
Croatia	76.39 (41.86-95.22)	83.64 (59.85-95.43)	88.6 (78.79-94.38)	90.8 (86.39-94.03)	93.84 (90.77-96.15)	95.41 (92.74-97.62)	95.66 (92.74-97.62)	95.6 (91.7-98.02)
Cuba	66.06 (51.2-78.4)	87.06 (79.57-92.46)	97.82 (95.28-99.23)	99.32 (98.02-99.85)	99.68 (99.71-99.95)	99.81 (99.34-99.97)	99.66 (99.53-99.98)	99.9 (99.64-99.98)
Cyprus	24.38 (13.71-39.03)	48.97 (36.11-61.42)	78.77 (66.61-87.89)	86.44 (77.12-93.03)	87.44 (79.42-92.94)	85.66 (79.02-90.8)	87.13 (80.75-91.96)	88.63 (80.45-94.65)
Czech Republic	90.78 (72.68-98.96)	93.55 (81.48-98.97)	94.46 (86.78-98.33)	96.69 (93.54-98.41)	97.1 (94.59-98.72)	97.26 (93.72-95.48)	98.11 (90.75-91.96)	98.9 (96.2-99.84)
Democratic Republic of the Congo	75.24 (41.75-94.58)	79.74 (64.23-90.9)	83.1 (76.67-88.35)	30.45 (24.06-37.47)	36.16 (29.09-43.15)	92.81 (88.34-95.84)	89.43 (84.5-93.15)	81.92 (84.72-96.15)
Denmark	31.08 (16.25-51.85)	43.57 (32.43-55.88)	72.87 (63.79-81.19)	69.8 (60.88-77.64)	68.08 (59.92-75.52)	81.59 (75-87.45)	90.9 (84.7-94.79)	91.71 (83.8-96.18)
Djibouti	71.67 (52.03-85.78)	84.55 (73.36-91.25)	94.46 (89.73-97.55)	98.59 (96.58-99.58)	99.34 (98.12-99.06)	99.28 (98.01-99.82)	98.96 (97.14-99.7)	98.56 (96.13-99.57)
Dominica	31.11 (19.03-46.53)	51.47 (40.5-62.27)	73.35 (63.93-80.97)	85.75 (79.77-90.55)	90.92 (87.01-94.06)	90.78 (86.87-94.13)	90.96 (86.23-94.44)	93.08 (87.51-96.73)
Dominican Republic	44.54 (32.21-58.24)	60.19 (50.96-69.14)	74.94 (67.32-81.29)	87.2 (82.47-91.27)	96.51 (93.9-98.26)	98.32 (96.55-99.39)	98.75 (96.95-99.64)	99.11 (97.63-99.77)
Ecuador	59.65 (41.81-75.69)	62.22 (48.78-85.99)	71.73 (59.18-82.71)	70.53 (62.36-77.93)	93.04 (90.35-95.13)	97.38 (96.19-98.31)	96.71 (94.95-97.91)	97.54 (95.88-98.7)
Egypt	66.06 (51.2-78.4)	87.06 (79.57-92.46)	97.82 (95.28-99.23)	99.32 (98.02-99.85)	99.68 (99.71-99.95)	99.81 (99.34-99.97)	99.66 (99.53-99.98)	99.9 (99.64-99.98)
El Salvador	24.38 (13.71-39.03)	48.97 (36.11-61.42)	78.77 (66.61-87.89)	86.44 (77.12-93.03)	87.44 (79.42-92.94)	85.66 (79.02-90.8)	87.13 (80.75-91.96)	88.63 (80.45-94.65)
Equatorial Guinea	26.19 (8.29-55.47)	26.19 (8.29-55.47)	47.6 (33.81-61.5)	49.37 (38.21-61.71)	51.82 (41.01-62.55)	54.07 (42.44-64.97)	56.66 (44.97-67.96)	56.6 (39.15-72.6)
Eritrea	27.72 (6.07-62.16)	38.06 (19.65-55.96)	47.6 (33.81-61.5)	49.37 (38.21-61.71)	51.82 (41.01-62.55)	54.07 (42.44-64.97)	56.66 (44.97-67.96)	56.6 (39.15-72.6)
Estonia	72.21 (60.43-81.88)	76.68 (68.72-83.77)	82.29 (76.86-88.72)	79.61 (74.43-85.3)	93.5 (90.07-94.52)	95.11 (90.68-93.75)	92.41 (92.73-97.28)	95.52 (95.58-97.27)
Ethiopia	5.97 (2.7-11.24)	11.11 (7.37-15.81)	18.67 (13.51-24.76)	34.42 (24.95-46.01)	47.38 (31.77-64.52)	52.51 (40.68-63.75)	62.41 (49.4-73.72)	62.85 (45.58-77.27)
Federated States of Micronesia	50.44 (31.83-69.12)	70.79 (57.48-81.93)	88.26 (72.92-94.45)	95.22 (89.52-98.23)	85.11 (79.48-89.68)	63.41 (55.32-70.37)	69.36 (64.03-75.23)	77.4 (70.54-83.38)
Fiji	14.75 (8.71-22.5)	27.65 (20.17-35.9)	52.04 (43.28-60.14)	62.67 (54.43-70.7)	97.87 (94.83-99.3)	97.43 (94.71-99.14)	97.95 (95.32-99.35)	98.01 (94.65-99.53)
Finland	76.36 (55.11-90.13)	88.26 (72.92-94.45)	95.22 (89.52-98.23)	95.22 (89.52-98.23)	97.43 (94.71-99.14)	97.95 (95.32-99.35)	98.01 (94.65-99.53)	98.01 (94.65-99.53)
France	22.59 (7.11-49.01)	38.38 (24.66-53.73)	65.96 (54.4-75.98)	82.12 (74.89-88.58)	87.62 (80.81-93.16)	94.46 (88.58-97.89)	93.13 (86.43-93.28)	93.86 (86.53-97.9)
Gabon	43.16 (12.16-78.63)	58.69 (41.08-93.99)	92.57 (88.05-95.61)	80.99 (74.81-86.74)	57.01 (48.23-65.03)	86.16 (59.76-88.48)	86.16 (59.76-88.48)	94.33 (89.44-97.44)
Georgia	32.51 (17.02-52.12)	41.21 (30.99-52.23)	57.14 (47.86-65.48)	60.67 (55.75-74.59)	81.44 (74.05-86.78)	83.35 (76.75-88.48)	86.15 (80.37-90.69)	88.8 (81.64-94.07)
Germany	36.03 (22.72-52.39)	47.37 (35.96-58.81)	62.08 (51.79-71.76)	77.52 (68.84-84.26)	89.33 (82.49-92.8)	95.24 (92.3-97.4)	98 (94.97-99.9)	97.04 (93.4-99.05)
Ghana	57.54 (26.03-83.25)	70.41 (56.1-81.9)	74.47 (64.76-82.66)	80.65 (70.81-88.21)	91.61 (81.55-97.03)	98.19 (93.99-99.66)	98.73 (95.59-99.85)	99.08 (96.78-99.84)
Greece	57.54 (26.03-83.25)	70.41 (56.1-81.9)	74.47 (64.76-82.66)	80.65 (70.81-88.21)	91.61 (81.55-97.03)	98.19 (93.99-99.66)	98.	

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Haiti	47.21 (28.22-66.34)	56.04 (43.77-67.54)	58.84 (48.86-68.48)	69.49 (59.78-78.38)	83.3 (76.12-92.23)	87.4 (81.31-91.68)	93.19 (88.45-96.34)	96.65 (93.3-98.64)
Honduras	45.22 (33.97-57.41)	54.83 (57.76-71.45)	89.51 (84.03-93.20)	97.48 (95.61-98.65)	98.09 (97.23-98.76)	97.96 (97.98-98.63)	98.3 (97.2-99.05)	98.96 (97.56-99.65)
Hungary	98.24 (94.53-99.62)	94.61 (96.52-99.66)	98.71 (96.86-99.62)	98.79 (97.13-99.64)	98.81 (96.87-99.66)	98.84 (97.3-99.69)	98.32 (97.3-99.69)	99.34 (97.92-99.86)
Iceland	88.57 (69.64-97.14)	94.61 (87.74-98.4)	96.89 (91.1-99.27)	97.66 (93.13-99.64)	94.3 (88.29-97.95)	92.88 (87.29-96.41)	93.29 (88.07-96.76)	93.84 (87.91-97.74)
India	30.83 (26.16-35.98)	37.45 (32.42-42.04)	46.85 (42.63-51.41)	56.7 (52.64-61.09)	63.39 (59.62-67.13)	70.18 (65.75-72.91)	75.81 (70.43-73.97)	81.76 (79.83-83.48)
Indonesia	20.66 (16.03-25.92)	36.82 (32.78-40.74)	62.53 (59.16-65.63)	78.33 (75.67-80.94)	75.23 (72.59-77.72)	77.22 (75.15-79.11)	82.37 (80.42-83.04)	86.9 (84.22-89.04)
Iran	46.09 (34.56-57.13)	57.53 (49.79-65.55)	87.36 (82.08-91.63)	97.66 (95.81-98.87)	99.24 (98.4-99.68)	99.44 (99.41-99.93)	99.75 (99.41-99.93)	99.85 (99.59-99.96)
Iraq	35.43 (25.23-47.55)	61.05 (52.64-71.62)	83.16 (78.54-87.18)	86.95 (85.82-89.74)	82.23 (78.91-85.47)	83.4 (80.42-86.11)	79.98 (75.68-83.89)	81.13 (74.09-87.99)
Ireland	11.86 (3.76-25.73)	36.79 (23.2-51.68)	70.27 (54.63-83.2)	77.34 (61.91-88.4)	74.04 (63.77-83.19)	82.3 (75.26-88.21)	88.28 (82.52-92.6)	92.33 (85.83-96.59)
Israel	82.31 (73.18-89.04)	86.56 (81.61-90.33)	90.35 (86.6-90.33)	94.64 (91.62-96.87)	96.46 (93.59-98.2)	96.31 (93.33-98.16)	96.94 (93.92-98.57)	97.34 (92.85-99.55)
Italy	48.86 (10.79-85.65)	54.23 (22.08-81.55)	52.79 (36.69-91.01)	57.76 (47.14-68.64)	87.82 (78.2-98.36)	95.63 (89.8-98.76)	96.19 (91.71-98.72)	96.91 (91.59-98.72)
Jamaica	48.16 (27.45-68.06)	60.95 (47.62-72.72)	80.7 (70.46-89.03)	94.71 (90.51-97.45)	94.81 (91.04-97.21)	96.61 (96.68-99.3)	98.32 (96.88-99.3)	98.97 (97.37-99.76)
Japan	32.56 (58.33-76.64)	67.13 (64.95-76.71)	74.6 (68.67-79.56)	89 (84.39-91.88)	97.3 (95.31-98.57)	98.33 (96.92-98.22)	97.31 (95.76-98.22)	97.66 (95.86-98.62)
Jordan	68.69 (43.78-95.68)	77.69 (69.45-95.79)	82.59 (20.45-45.79)	92.3 (82.59-98.2)	97.3 (95.31-98.57)	98.33 (96.92-98.22)	97.31 (95.76-98.22)	97.66 (95.86-98.62)
Kazakhstan	77.69 (43.78-95.68)	77.69 (69.45-95.79)	82.59 (20.45-45.79)	92.3 (82.59-98.2)	97.3 (95.31-98.57)	98.33 (96.92-98.22)	97.31 (95.76-98.22)	97.66 (95.86-98.62)
Kenya	62.44 (51.21-72.13)	69.8 (62.01-76.72)	91.83 (89.86-90.43)	89.2 (83.31-93.57)	96.16 (93.62-97.84)	93.42 (94.07-98.31)	94.22 (92.45-95.76)	95.79 (93.89-97.34)
Kyrgyzstan	20.28 (11.34-33.39)	29.51 (19.91-41.11)	52.27 (41.77-61.51)	65.77 (56.69-73.36)	75.89 (68.49-82.4)	78.01 (70.47-84.19)	84.62 (77.72-89.59)	87.46 (80.3-92.86)
Kiribati	56.07 (44.19-67.3)	79.11 (73.91-84.52)	90.17 (86.26-93.33)	88.38 (84.07-91.79)	89.31 (85.3-92.73)	88.25 (83.46-91.78)	87.92 (83.46-91.78)	92.07 (87.62-95.28)
Kuwait	79.82 (47.23-96.1)	87.26 (69.95-96.27)	92.93 (86.79-96.75)	93.28 (89.69-95.88)	94.23 (91.39-96.47)	96.01 (93.91-97.55)	97.34 (95.94-98.33)	97.46 (95.2-98.88)
Laos	7.54 (3.5-13.75)	10.52 (5.85-16.43)	24.52 (17.6-32.65)	47.78 (39.59-56.05)	47.51 (39.06-55.58)	51.15 (43.37-58.88)	65.77 (57.53-72.99)	82.27 (74.99-88.49)
Latvia	95.04 (88.43-98.48)	95.97 (91.7-98.28)	96.31 (93.27-98.21)	89.61 (81.94-94.77)	96.64 (92.38-98.74)	96.53 (92.99-98.57)	95.32 (91.65-97.72)	96.7 (92.66-98.75)
Lebanon	40.04 (19.5-63.61)	54.78 (34.81-74.28)	70.25 (52.11-84.07)	93 (85.59-97.13)	96.64 (92.38-98.74)	96.53 (92.99-98.57)	95.32 (91.65-97.72)	96.7 (92.66-98.75)
Lesotho	84.52 (71.15-92.73)	88.49 (82.72-93.15)	89.49 (83.72-93.73)	82.87 (76.58-87.93)	84.88 (79.63-89.32)	86.33 (80.87-90.59)	91.68 (88.37-94.33)	91.38 (85.92-95.58)
Liberia	52.23 (31.52-72.72)	41.83 (28.56-75)	30.9 (17.28-46.81)	29.18 (18.14-42.27)	48.02 (47.17-59.32)	70.77 (60.83-79.31)	72.79 (62.25-81.43)	67.03 (51.54-79.59)
Libya	59.24 (48.57-69.86)	74.09 (67.73-79.58)	86.05 (81.63-89.62)	91.63 (88.11-94.26)	94.03 (90.89-96.44)	96.75 (94.14-98.35)	98.33 (96.49-99.3)	98.21 (95.89-99.42)
Lithuania	80.14 (50.37-95.96)	85.75 (69.9-94.99)	92.25 (87.08-95.78)	92.07 (87.49-95.43)	97.7 (95.69-98.91)	96.56 (93.39-98.4)	95.61 (92.45-97.66)	95.45 (91.37-98.02)
Luxembourg	48.92 (20.72-77.38)	64.37 (46.84-79.26)	76.48 (65.83-84.77)	88.7 (80.47-93.94)	93.43 (86.91-97.1)	95.06 (91.4-97.53)	96.77 (93.64-98.64)	97.92 (94.26-99.55)
Macedonia	91.21 (71.17-98.8)	92.71 (78.28-98.59)	93.63 (85.55-97.92)	94.48 (89.71-97.52)	95.77 (92.56-97.46)	96.22 (93.54-97.95)	97.62 (93.64-98.88)	97.17 (93.54-98.94)
Madagascar	19.28 (5.52-41.66)	27.14 (15.49-41.13)	48.73 (39.19-58.05)	58.96 (49.01-68.27)	65.45 (56.82-73.49)	76.75 (68.69-83.01)	78.91 (72.08-85.14)	83.74 (73.9-91.32)
Malawi	43.09 (29.68-57.53)	38.85 (28.43-50.56)	65.26 (56.36-73.93)	81.84 (76.15-87.07)	87.44 (82.61-91.32)	90.74 (86.29-93.8)	92.55 (88.95-95.49)	95.6 (94.88-99.26)
Malaysia	43.09 (29.68-57.53)	38.85 (28.43-50.56)	65.26 (56.36-73.93)	81.84 (76.15-87.07)	87.44 (82.61-91.32)	90.74 (86.29-93.8)	92.55 (88.95-95.49)	95.6 (94.88-99.26)
Maldives	13.77 (6.83-24.08)	16.43 (12.23-21.32)	30.44 (24.05-37.48)	43.75 (36.23-51.41)	55.78 (49.09-62.35)	77.49 (75.19-81.44)	78.61 (76.25-82.17)	90.34 (98.68-99.71)
Mali	20.73 (5.15-47.88)	37.32 (20.72-57.42)	71.7 (57.94-83.15)	75.22 (61.8-86.66)	75.99 (69.57-87.57)	84.49 (75.19-81.44)	86.11 (76.25-82.17)	92.31 (67.45-84.21)
Malta	4.3 (1.83-8.68)	6.24 (2.2-12.46)	11.42 (6.55-18.31)	25.87 (16.38-32.39)	33.66 (25.91-41.75)	44.35 (33.42-54.15)	46.85 (35.3-58.12)	54.68 (39.58-67.56)
Marshall Islands	51.1 (33.38-69.76)	48.76 (37.01-60.08)	51.22 (43.47-58.85)	62.87 (55.21-69.33)	74.35 (66.82-80.38)	78.6 (72.21-84.06)	82.96 (76.96-87.84)	88.9 (81.82-94.4)
Mauritania	45.03 (31.47-58.86)	64.92 (54.92-73.63)	74.1 (66.81-80.35)	83.85 (78.28-88.53)	85.27 (81.92-90.71)	97.61 (95.75-98.75)	98.95 (97.85-99.54)	99.44 (98.78-99.78)
Mexico	46.28 (37.04-55.6)	64.54 (56.9-71.47)	86.96 (81.92-90.71)	93.1 (87.95-96.72)	97.26 (94.67-98.74)	98.07 (96.89-98.78)	98.03 (96.84-98.81)	98.83 (98.04-99.3)
Moldova	92.5 (82.15-97.74)	93.83 (82.46-97.18)	96.36 (91.73-98.62)	88.29 (82.92-92.83)	94.61 (84.13-99.07)	98.08 (96.81-98.96)	99 (97.75-99.63)	98.57 (96.67-99.52)
Mongolia	15.95 (6.93-28.83)	34.53 (23.46-47.18)	79.59 (71.3-86.81)	95.37 (84.22-99.36)	94.81 (84.13-99.07)	98.08 (96.81-98.96)	99 (97.75-99.63)	98.57 (96.67-99.52)
Montenegro	92.83 (74.3-99.37)	94.58 (79.59-99.47)	96.07 (85.95-99.55)	95.37 (84.22-99.36)	94.81 (84.13-99.07)	98.08 (96.81-98.96)	99 (97.75-99.63)	98.57 (96.67-99.52)
Morocco	25.53 (14.56-39.14)	45.04 (31.54-54.38)	62.92 (62.2-76.5)	82.97 (77.99-87.46)	88.06 (84.75-90.88)	87.7 (85.79-91.42)	90.98 (88.2-93.73)	96.93 (89.73-96.28)
Mozambique	45.7 (28.63-63.29)	47.53 (37.28-57.64)	55.54 (45.86-65.45)	72.34 (68.90-82.1)	85.12 (78.39-90.67)	90.56 (85.9-94.42)	90.98 (88.2-93.73)	96.93 (89.73-96.28)
Myanmar	44.24 (29.35-59.68)	47.03 (38.59-58.25)	65.59 (57.87-72.94)	83.47 (78.90-87.46)	87.57 (83.79-90.67)	92.02 (89.08-94.4)	97.53 (96.03-98.56)	99.09 (98.21-99.52)
Namibia	65.47 (33.69-89.54)	73.69 (62.99-82.49)	83.01 (76.31-88)	81.57 (79.24-89.02)	80.23 (74.1-80.92)	86.26 (81.64-93.13)	94.46 (89.79-95.29)	95.84 (91.29-98.48)
Nepal	21.37 (12.06-34.24)	40.19 (30.99-50.76)	66.36 (57.67-74.5)	84.54 (74.98-86.9)	86.04 (81.01-90.2)	95.58 (92.69-97.74)	95.97 (93.31-97.74)	95.74 (91.51-98.18)
Netherlands	90.23 (83.96-94.8)	92.68 (89.03-95.25)	93.77 (90.48-96.17)	95.01 (92.21-97.09)	95.14 (92.12-97.27)	95.58 (92.69-97.74)	95.97 (93.31-97.74)	95.74 (91.51-98.18)
New Zealand	77.28 (55.99-86.72)	84.13 (71.98-92.91)	92.17 (83.9-96.83)	96.81 (90.48-96.17)	95.01 (92.21-97.09)	95.58 (92.69-97.74)	95.97 (93.31-97.74)	95.74 (91.51-98.18)
Nicaragua	17.73 (8.01-33.17)	19.96 (11.6-31.92)	27.23 (19.87-35.47)	37.54 (30.25-45.12)	44.03 (36.84-51.83)	68.97 (61.11-75.67)	99.42 (98.19-99.89)	99.74 (99.18-99.96)
Niger	24.31 (12.74-38.94)	23.67 (16.38-32.39)	26.46 (19.66-34.92)	29.36 (22.63-37.23)	33.6 (25.91-41.75)	46.62 (39.63-53.98)	52.87 (45.69-59.54)	52.08 (39.84-64.29)
Nigeria	46.73 (35.56-58.64)	73.8 (63.29-82.06)	94.73 (90.82-97.22)	98.82 (97.76-99.61)	99.82 (99.57-99.94)	99.87 (99.69-99.96)	99.89 (99.74-99.97)	99.86 (99.69-99.96)
Northern Mariana Islands	92.41 (83.51-97.27)	96.51 (91.87-98.73)	98.64 (96.85-99.54)	99.62 (99.09-99.84)	99.82 (99.57-99.94)	99.87 (99.69-99.96)	99.89 (99.74-99.97)	99.86 (99.69-99.96)
Norway	77.28 (55.99-86.72)	84.13 (71.98-92.91)	92.17 (83.9-96.83)	96.81 (90.48-96.17)	95.01 (92.21-97.09)	95.58 (92.69-97.74)	95.97 (93.31-97.74)	95.74 (91.51-98.18)
Oman	47.23 (33.64-60.71)	72.14 (61.22-80.94)	97.9 (95.87-99.01)	99.6 (99.11-99.86)	99.8 (99.55-99.93)	99.86 (99.61-99.96)	99.91 (99.47-99.95)	99.91 (99.72-99.96)
Pakistan	11.39 (5.55-20.46)	25.72 (18.6-33.95)	59.44 (52.46-66.69)	64.16 (58.42-69.78)	70.75 (65.85-75.31)	73.29 (68.57-78.11)	76.31 (70.23-81.64)	81.81 (70.39-90.06)
Palestine	96.13 (90.07-99.07)	98.45 (96.03-99.57)	99.19 (98.09-99.75)	99.24 (98.88-99.81)	98.95 (98.03-99.53)	99 (98.14-99.51)	99.12 (98.16-99.64)	99.4 (98.58-99.81)
Panama	73.49 (58.28-84.93)	78.99 (69.72-86.61)	79.91 (71.95-86.72)	89.26 (83.34-93.56)	95.02 (91.71-97.4)	95.71 (92.37-97.93)	95.71 (92.08-97.89)	97.45 (94.15-99.05)
Papua New Guinea	51.65 (35.98-67.53)	60.09 (48.72-70.67)	72.37 (64.25-79.27)	74.61 (67.51-82.45)	78.83 (72.65-80.94)	81.1 (74.31-86.49)	84.85 (78.77-89.17)	90.13 (85.06-94.01)
Paraguay	40.75 (27.09-55.21)	59.55 (50.55-68.53)	78.97 (71.28-85.42)	87.74 (81.38-92.45)	94.12 (89.65-96.88)	92.38 (87.12-95.98)	86.86 (80.13-92.04)	87.12 (78.92-93.16)
Peru	50.18 (33.15-67.84)	64.2 (51.79-74.59)	75.89 (66.51-83.66)	88.34 (82.84-91.25)	97.08 (94.59-98.68)	99.35 (97.91-99.95)	99.35 (97.91-99.95)	99.62 (84.12-93.67)
Philippines	33.34 (23.55-47.42)	54.82 (44.25-64.87)	78.73 (72.29-84.61)	87.54 (82.84-91.25)	88.88 (84.72-92.2)	88.04 (83.64-91.83)	87.81 (82.54-91.8)	89.62 (84.12-93.67)
Poland	91.86 (85.03-95.88)	93.39 (90.08-95.86)	94.47 (91.21-96.79)	95.7 (92.85-97.61)	97.29 (95.04-97.51)	98.4 (95.12-98.88)	97.54 (95.19-98.99)	97.97 (95.31-99.28)
Portugal	47.49 (33.57-62.68)	69.72 (60.77-85.6)	89.33 (83.05-93.83)	95.38 (91.14-97.67)	94.42 (89.34-97.51)	96.94 (93.98-98.72)	98.43 (95.74-99.66)	99.19 (96.86-99.92)
Puerto Rico	96.84 (88.32-99.51)	96.37 (49.64-93)	76.38 (69.74-82.22)	84.61 (79.79-88.83)	88.32 (84.02-91.97)	93.68 (90.34-96.06)	96.57 (94.29-98.11)	97.92 (99.89-100)
Romania	78 (57.18-92.56)	83.5 (77.08-88.55)	91.31 (85.8-94.95)	94.65 (90.43-97.27)	97.67 (95.44-97.99)	93.6 (90.06-96.08)	95.06 (92.33-97.06)	95.11 (90.78-97.82)
Russia	46.19 (20.78-71.28)	72.72 (60.91-71.73)	81.69 (72.03-89.71)	88.09 (85.08-95.86)	93.76 (89.96-94.8)	95.3 (91.17-97.66)	97.36 (94.57-99.5)	98.37 (96.02-99.56)
Rwanda	58.35 (38.45-76)	72.72 (60.91-71.73)	81.69 (72.03-89.71)	88.09 (85.08-95.86)	93.76 (89.96-94.8)	95.3 (91.17-97.66)	97.36 (94.57-99.5)	98.37 (96.02-99.56)
Saint Vincent and the Grenadines								

Location_name	1980	1985	1990	1995	2000	2005	2010	2015
Seychelles	75.4 (59.65-86.47)	87.08 (78.35-93)	92.78 (88.08-96.16)	97.84 (96.02-98.93)	99.18 (98.44-99.64)	99.59 (99.17-99.84)	99.76 (99.45-99.91)	99.85 (99.66-99.95)
Sierra Leone	38.59 (26.27-52.5)	47.79 (37.42-60.99)	60.62 (49.92-70.93)	61.37 (53.58-68.46)	61.37 (53.63-68.35)	74.39 (67.93-80.51)	83.52 (77.87-88.26)	86.93 (79.14-92.58)
Singapore	62.22 (46.65-76.16)	83.15 (76.03-88.85)	88.23 (82.11-92.68)	95.6 (92.01-97.77)	96.7 (93.81-98.42)	98.05 (93.16-97.89)	96.21 (93.51-98.07)	96.75 (92.93-98.84)
Slovakia	92.54 (76.24-99)	95.13 (84.96-99.08)	96.89 (91.93-99.14)	98.23 (95.66-99.45)	98.39 (96.1-99.48)	98.05 (95.2-99.38)	98.04 (95.2-99.38)	98.39 (95.95-99.55)
Slovenia	84.41 (75.69-90.98)	89.01 (84.45-92.69)	89.55 (85.18-93.28)	90.05 (85.4-93.43)	93.5 (90.12-96.15)	94.33 (90.7-96.71)	95.45 (92.61-97.42)	95.88 (92.15-98.2)
Solomon Islands	49.02 (33.21-66.03)	56.36 (44.1-68.44)	63.91 (54.8-68.44)	70.96 (63.43-77.61)	73.51 (68.9-81.8)	68.18 (60.69-75.41)	70.76 (63.35-77.23)	78.98 (71-85.9)
Somalia	10.32 (4.34-20.22)	19.05 (12.7-27.6)	26.54 (17.01-38)	26.19 (15.64-38.65)	24.19 (17.05-33.12)	33.11 (25.14-41.68)	44.53 (35.49-53.25)	48.23 (33.06-63.69)
South Africa	69.1 (57.63-79.98)	74.95 (66.81-82.77)	82.16 (74.89-87.83)	87.12 (81.64-91.27)	80.53 (75.31-84.82)	93.11 (85.18-94.41)	96.32 (87.37-94.41)	95.15 (91.83-97.5)
South Korea	15.62 (4.5-33.82)	18.4 (10.4-30.62)	81.11 (67.49-91.16)	92.37 (84.36-96.93)	92.37 (84.36-96.93)	95.07 (87.51-91.6)	96.7 (67.31-84.08)	68.57 (56.6-79.41)
South Sudan	74.27 (27.49-96.91)	70.83 (33.06-96.38)	76.3 (37.27-96.46)	98.23 (86.77-95.86)	82.81 (59.33-95.61)	97.81 (67.58-99.94)	98.22 (95.43-99.48)	98.38 (95.02-99.64)
Spain	28.89 (12.99-47.92)	67.83 (54.19-78.61)	88.1 (80.8-93.45)	93.14 (88.06-96.42)	96.49 (92.99-98.51)	97.81 (94.24-99.84)	98.26 (96.69-99.95)	98.93 (99.84-99.98)
Sri Lanka	37.24 (26.23-49.06)	54.69 (44.8-62.02)	80.91 (75.88-85.2)	94.14 (91.57-96.17)	98.87 (98.99-98.51)	97.81 (94.24-99.84)	98.26 (96.69-99.95)	98.93 (99.84-99.98)
Sudan	6.1 (2.71-10.99)	14.53 (9.74-20.28)	40.87 (34.76-46.98)	63.78 (58.43-68.77)	70.13 (65.07-74.93)	73.73 (68.16-78.53)	82.27 (78.05-85.91)	88.44 (83.32-92.11)
Suriname	55.05 (39.21-72)	75.63 (65.75-84.09)	83.58 (86.48-97.59)	96.55 (92.5-98.69)	90.51 (82.98-95.21)	98.22 (92.33-98.65)	96.39 (92.33-98.65)	98.93 (96.84-99.75)
Swaziland	66.07 (42.07-84.75)	78.84 (63.3-89.64)	93.58 (86.48-97.59)	93.13 (92.5-98.62)	91.59 (80.36-95.21)	92.68 (81.66-96.1)	93.96 (85.31-96.92)	94.48 (89.11-97.56)
Sweden	86.59 (68.65-95.22)	90.77 (75.85-96.21)	91.6 (74.7-87.16)	84.06 (78.61-88.53)	81.98 (76.11-86.85)	86.62 (81.16-90.82)	92.38 (88.03-95.38)	94.26 (87.27-97.16)
Switzerland	68.68 (35.06-91.13)	75.05 (59.59-86.83)	81.76 (74.7-87.16)	89.75 (83.95-94.03)	95.69 (92.63-97.81)	96.11 (92.51-98.18)	95.37 (90.98-97.92)	98.26 (87.27-97.16)
Syria	26.66 (14.02-42.38)	46.88 (32.89-60.71)	73.03 (61.25-82.14)	89.75 (83.95-94.03)	95.69 (92.63-97.81)	96.11 (92.51-98.18)	95.37 (90.98-97.92)	98.26 (87.27-97.16)
Taiwan	97.16 (93.41-99.07)	99.17 (98.03-99.73)	99.77 (99.45-99.93)	99.89 (99.73-99.96)	99.93 (99.84-99.98)	99.96 (99.91-99.99)	99.98 (99.96-99.99)	99.98 (99.96-99.99)
Tajikistan	81.4 (70.48-90.05)	85.27 (78.85-90.61)	84.8 (78.5-89.54)	81.24 (75.02-86.32)	86.71 (81.75-90.66)	91.04 (87.1-94.05)	93.15 (90.06-95.53)	94.37 (89.54-97.34)
Tanzania	52.45 (39.94-65.68)	72.58 (64.75-79.28)	83.45 (77.56-88.29)	82.44 (77.46-86.73)	85.91 (81.22-89.62)	94.81 (93.03-96.12)	97.9 (96.18-98.93)	98.77 (96.65-99.69)
Thailand	14.89 (9.18-22.65)	31.05 (24.41-38.71)	58.07 (50.68-65.25)	80 (74.16-85.32)	89.06 (84.95-92.62)	94.85 (95.54-97.86)	96.84 (95.54-97.86)	97.52 (95.96-98.56)
The Bahamas	67.42 (50.96-80.54)	78.61 (70.47-84.58)	88.48 (82.95-92.72)	92.56 (88.69-95.4)	92.26 (88.41-95.18)	92.11 (88.12-95.03)	93.53 (89.98-96.2)	95.04 (90.95-97.72)
The Gambia	72.87 (57.98-84.29)	80.61 (72.69-86.95)	88.13 (82.7-92.61)	90.21 (85.23-93.78)	92.23 (87.93-95.4)	94.19 (89.92-97.02)	94.81 (90.11-97.61)	97.39 (93.2-99.26)
Timor-Leste	9.2 (3.59-19.82)	12.04 (4.92-23.99)	14.88 (7.22-26.11)	24.33 (14.52-36.79)	34.07 (26.86-42.07)	47.77 (40.93-54.67)	65.28 (58.66-71.55)	76.05 (68.53-82.49)
Togo	53.2 (26.99-80.08)	62.41 (46.89-76.61)	71.48 (64.96-77.71)	61.33 (54.24-67.79)	60.26 (53.97-66.49)	80.01 (75.37-83.72)	86.28 (82.02-89.71)	89.66 (83.25-94.16)
Tonga	48.87 (33.8-63.81)	65.25 (53.45-75.64)	83.93 (77.89-85)	92.62 (88.6-95.4)	97.34 (95.42-98.6)	99.2 (98.43-99.63)	99.48 (98.91-99.78)	99.69 (99.31-99.88)
Trinidad and Tobago	24.39 (10.2-43.63)	34.97 (24.14-47.37)	59.02 (51.1-66.53)	72.01 (65.6-77.83)	75.23 (68.01-81.12)	78.29 (72.03-83.37)	78.14 (71.88-83.84)	80.04 (70.58-87.72)
Tunisia	67.53 (53.42-79.42)	80.6 (71.97-87.33)	91.85 (86.68-95.41)	97.16 (94.91-98.57)	98.64 (97.38-99.39)	99.02 (98.06-99.58)	99.44 (98.44-99.78)	99.73 (99.36-99.91)
Turkey	44.78 (30.55-59.83)	57.98 (47.64-69.21)	69.13 (60.83-77.58)	78.53 (72.84-82)	88.81 (84.53-92.44)	96.62 (94.34-98.11)	99.27 (98.45-99.78)	99.63 (99.13-99.88)
Turkmenistan	62.39 (26.23-90.77)	68.86 (40.58-89.48)	79.92 (65.36-90.29)	90.21 (85.02-95.7)	95.76 (92.55-99.9)	97.33 (94.95-98.76)	97.85 (95.37-99.19)	98.47 (95.82-99.55)
Uganda	35.75 (19.89-55.32)	49.8 (40.21-59.75)	70.03 (61.99-77.18)	73.11 (65.06-80.06)	71.42 (63.97-78.36)	80.74 (73.47-86.77)	85.13 (78.49-90.5)	90.2 (80.77-95.93)
Ukraine	77.52 (44.12-95.42)	83.54 (62.34-95.29)	92.76 (86.5-96.91)	93.85 (89.02-96.95)	96.02 (92.4-98.23)	91.06 (84.63-95.32)	82.1 (73.03-89.39)	74.98 (56.74-87.78)
United Arab Emirates	36.15 (27.13-46.23)	58.56 (50.55-66.2)	76.98 (70.65-82.62)	80.88 (87.16-93.7)	83.46 (90.4-95.77)	95.14 (92.41-96.99)	97.03 (94.58-98.57)	98.28 (96.19-99.37)
United Kingdom	48.41 (37.19-59.81)	63.22 (51.05-75.34)	76.23 (64.67-83.39)	82.38 (74.26-87.39)	82.82 (78.52-86.63)	83.56 (81.02-85.68)	89.28 (87.51-90.78)	93.37 (91.66-94.76)
United States	89.44 (83.35-93.57)	90.43 (85.7-93.65)	86.87 (82.94-89.7)	89.99 (87.72-91.85)	93.43 (91.59-94.77)	93.32 (91.75-94.55)	93.29 (91.62-94.64)	93.81 (90.78-95.75)
Uruguay	60.39 (43.13-76.46)	73.12 (63.29-81.35)	87.52 (81.23-92.42)	93.34 (89.2-96.24)	95.67 (91.97-97.98)	96.11 (92.93-98.16)	97.31 (94.92-98.83)	97.86 (94.85-99.43)
Uzbekistan	79.53 (58.05-93.34)	86.53 (77.24-93.17)	90.49 (85.56-94.23)	92.44 (89.92-96.24)	97.08 (95.11-98.4)	98.19 (96.31-99.25)	99.08 (97.34-99.77)	99.59 (98.58-99.94)
Vanuatu	13.66 (7.42-22.24)	20.59 (14.12-27.93)	40.25 (31.47-48.34)	57.96 (49.92-66.24)	70.06 (63.17-76.62)	66.25 (58.46-73.08)	72.97 (65.49-79.36)	76.61 (66.45-84.05)
Venezuela	31.45 (21.78-42.3)	36.54 (29.32-44.24)	44.89 (36.8-53.4)	62.35 (54.95-69.1)	82.22 (76.73-86.61)	85.94 (81.46-89.81)	82.3 (76.78-87.14)	77.07 (67.9-85.53)
Vietnam	14.21 (7.84-22.58)	31.52 (22.76-40.48)	69.07 (62.1-75.46)	86.66 (83.25-89.73)	91.01 (88.63-93.08)	93.38 (91.54-94.93)	95.35 (93.66-96.73)	96.94 (95.04-98.2)
Virgin Islands, U.S.	95.02 (83.97-99.25)	97.16 (90.46-99.57)	98.63 (94.89-99.83)	99.45 (97.78-99.93)	99.73 (98.97-99.97)	99.85 (99.49-99.98)	99.87 (99.49-99.98)	99.88 (99.55-99.98)
Yemen	8.57 (4.43-14.68)	15.59 (10.54-21.81)	39.58 (31.42-47.91)	56.64 (48.39-65.01)	67.44 (61.73-52.9)	71.18 (66.68-79.65)	73.27 (66.68-79.65)	75.6 (65.87-84.35)
Zambia	62.2 (34.19-84.89)	66.74 (49.4-81.12)	84.69 (76.24-90.74)	90.69 (84.91-94.68)	93.66 (89.14-96.67)	94.54 (90.99-97.4)	94.74 (90.99-97.4)	97.4 (93.69-99.24)
Zimbabwe	70.57 (52.83-86.05)	81.04 (73.56-87.24)	87.19 (81.93-91.3)	85.53 (79.73-89.88)	73.8 (66.36-81.19)	76.51 (68.96-82.68)	89.48 (84.41-93.43)	97.83 (95.36-99.16)

Table 3: Country-level vaccination coverage of DPT3 by 5 year period from 1980-2015

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Alghanistan	1.1 (0.65-1.7)	1.96 (1.26-2.87)	3.9 (2.73-5.51)	5.59 (4.7-7)	12.66 (9.94-15.72)	28.43 (24.97-32.52)	43.76 (40.15-47.69)	59.7 (54.1-65.08)
Albania	94.7 (87.02-98.37)	96.09 (92.06-98.49)	96.65 (93.56-98.7)	98.18 (96.16-99.31)	98.76 (97.19-99.57)	99.23 (98.32-99.74)	99.78 (99.09-99.9)	99.78 (99.24-99.96)
Algeria	62.03 (49.18-73.59)	74.05 (64.36-82.42)	82.12 (75.38-87.89)	90.24 (86.39-93.27)	95.28 (93.84-96.89)	97.5 (96.07-98.93)	98.99 (98.49-99.38)	99.39 (99.04-99.64)
American Samoa	80.66 (52.49-95.78)	88.08 (67.68-97.66)	93.26 (79.66-98.86)	94.99 (83.45-99.14)	97.17 (89.84-99.51)	97.5 (91.55-99.57)	97.89 (93.14-99.62)	97.86 (92.36-99.62)
Andorra	82.55 (59.06-95.45)	84.69 (68.52-94.24)	86.69 (82.9-95.22)	88.61 (80.45-94.09)	94.71 (90.93-96.99)	97.2 (94.85-98.67)	98.28 (96.41-99.24)	98.28 (96.1-99.44)
Angola	2.39 (0.62-6.19)	2.97 (1.1-6.17)	3.6 (1.54-10.55)	16.24 (11.26-22.36)	22.94 (16.52-30.48)	37.62 (30.28-47.81)	58.77 (49.06-67.61)	73.43 (61.58-83.32)
Antigua and Barbuda	91.02 (85.05-95.11)	95.81 (93.14-97.77)	98.33 (97.08-99.19)	99.2 (98.51-99.64)	99.36 (98.72-99.73)	99.63 (99.2-99.85)	99.79 (99.56-99.92)	99.86 (99.69-99.95)
Argentina	52.06 (41.14-62.71)	67.7 (60.66-74.06)	78.9 (73.14-84.11)	84.28 (79.04-88.55)	88.94 (84.62-92.34)	92.95 (89.64-95.53)	92.95 (89.64-95.53)	94.6 (90.8-97.21)
Armenia	74.66 (47.13-91.96)	79.35 (62.34-91.24)	86.15 (76.2-93.52)	88.89 (85.43-91.8)	93.04 (89.47-95.15)	93.67 (91.3-95.62)	95.2 (93.12-96.86)	96.79 (94.03-98.54)
Australia	57.18 (37.38-74.23)	87.13 (76.2-93.52)	87.13 (76.2-93.52)	88.8 (85.43-91.8)	93.04 (89.47-95.15)	93.67 (91.3-95.62)	95.2 (93.12-96.86)	96.79 (94.03-98.54)
Austria	88.88 (81.35-94.17)	90.9 (87.3-93.99)	89.68 (85.56-92.95)	89.32 (85.14-92.92)	84.42 (78.94-88.93)	84.17 (78.42-88.89)	87.92 (80.21-93.04)	92.68 (84.51-97.21)
Azerbaijan	14.07 (3.78-33.81)	70.2 (61.43-77.5)	25.82 (17.84-35.66)	28.1 (22.59-34.3)	33.79 (28.68-39.4)	44.87 (37.53-51.4)	67.32 (56.11-80.04)	84.69 (70.62-93.46)
Bahrain	5.09 (2.13-10.31)	79.61 (75.91-84.85)	87.63 (84.03-91.02)	92.05 (89.65-94.15)	93.51 (91.46-95.38)	94.31 (92.34-95.91)	96.39 (94.97-97.49)	96.95 (95.5-98.09)
Bangladesh	66.08 (56.11-75.17)	13.18 (7.62-20.8)	54.66 (44.32-63.87)	84.21 (79.54-88.59)	81.75 (77.35-85.59)	85.91 (82.35-88.88)	90.93 (88.14-93.45)	93.26 (89.36-95.91)
Barbados	87.42 (67.82-96.8)	88.92 (70.32-91.72)	83.51 (78.55-87.54)	89.97 (86.5-92.73)	90.77 (87.59-93.53)	90.08 (88.58-92.62)	90.84 (87.5-93.64)	93.17 (89.24-95.87)
Belarus	93.3 (85.82-97.49)	94.32 (89.53-97.23)	92.77 (87.57-96.14)	96.44 (94.04-98.13)	98.75 (97.87-99.34)	99.22 (98.69-99.69)	99.62 (99.05-99.88)	99.77 (99.31-99.96)
Belgium	16.34 (10.9-23.01)	26.31 (21.09-32.15)	42.8 (36.55-48.87)	49.98 (43.49-56.41)	51.86 (45.83-58.51)	67.95 (55.8-97.17)	99.1 (97.87-99.73)	99.5 (98.61-99.87)
Benin	11.83 (4.69-23.52)	16.34 (10.9-24.89)	44.28 (36.47-52.09)	66.9 (61.41-72.55)	68.97 (63.62-73.83)	73.29 (68.32-77.56)	78.27 (74.02-81.99)	80.11 (72.2-86.49)
Bermuda	91.09 (81.37-96.53)	95.06 (89.64-98.03)	97.31 (93.99-98.94)	98.81 (97.5-99.55)	99.55 (99.02-99.84)	99.69 (99.29-99.89)	99.79 (99.52-99.92)	99.85 (99.63-99.95)
Bhutan	22.79 (12.79-33.48)	33.3 (33.38-53.42)	70.04 (60.99-77.78)	82.87 (76.43-88.07)	88.81 (84.27-92.63)	87.48 (84.28-90.21)	94.94 (92.28-97.12)	96.62 (87.67-93.25)
Bolivia	66.51 (35.4-90.43)	72.21 (46.13-89.41)	76.27 (61.18-86.8)	76.15 (67.51-83.18)	82.97 (79.5-86.06)	94.31 (91.68-96.28)	95.24 (92.57-97.1)	95.86 (92.98-97.1)
Bosnia and Herzegovina	82.55 (69.4-91.52)	83.86 (75.68-90.05)	85.51 (78.16-91.04)	90.53 (85.45-94.63)	96.89 (93.94-96.95)	96.08 (92.89-98.09)	98.17 (96.1-99.29)	98.65 (96.94-99.55)
Botswana	60.61 (55.07-65.88)	69.06 (65.57-72.31)	75.75 (73.11-78.33)	88.7 (86.61-90.45)	96.89 (93.94-96.95)	96.08 (92.89-98.09)	98.17 (96.1-99.29)	98.65 (96.94-99.55)
Brazil	91.09 (83.98-95.69)	90.28 (84.57-94.34)	92.22 (86.75-96.02)	95.33 (91.08-98.01)	96.89 (93.94-96.95)	96.08 (92.89-98.09)	98.17 (96.1-99.29)	98.65 (96.94-99.55)
Brunei	97.82 (93.78-99.52)	98.24 (95.88-99.5)	98.17 (96.23-99.29)	96.15 (93.54-97.96)	94.4 (91.31-96.64)	94.49 (91.46-96.69)	93.58 (89.93-96.14)	94.27 (89.96-97.04)
Bulgaria	15.35 (6.64-28.45)	23.84 (15.3-33.57)	34.04 (27.07-41.31)	67.6 (61.42-74.54)	55.46 (49.75-60.9)	82.03 (78.83-84.83)	88.35 (85.85-90.7)	87 (81.31-91.42)
Burkina Faso	35.68 (24.01-49.04)	50.24 (42.38-58.13)	68.01 (60.26-74.95)	41.45 (36.38-46.73)	50.82 (44.08-57.26)	69.06 (62.72-74.88)	78.51 (72.85-83.62)	87.5 (81.24-92.21)
Burundi	22.96 (13.39-34.94)	33.33 (26.65-40.17)	40.36 (34.58-46.21)	42.61 (37.48-47.73)	50.72 (45.49-55.74)	71.18 (65.6-76.06)	86.6 (81.57-90.61)	83.56 (76.51-93.64)
Cameroon	74.29 (51.43-89.54)	68.34 (52.44-82.63)	88.97 (81.92-93.95)	85.64 (77.86-91.64)	88.34 (82.47-92.63)	87.07 (81.89-91.34)	83.86 (89.01-96.98)	97.58 (94.37-99.32)
Cape Verde	56.54 (34.19-76.27)	18.12 (13.24-24.67)	35.19 (28.39-42.48)	38.64 (32.84-44.82)	33.7 (28.04-39.38)	48.1 (41.55-67.4)	55.02 (48.22-62.36)	44.67 (34.19-54.99)
Central African Republic	4.92 (1.59-11.3)	6.97 (3.01-12.75)	11.82 (7.51-17.46)	14.92 (10.83-19.91)	18.67 (15.01-22.96)	22.16 (17.9-26.85)	27.74 (22.93-32.65)	35.8 (25.72-47.34)
Chad	93.5 (87.98-97)	94.29 (91.04-96.77)	92.29 (88.75-95.12)	92.51 (88.96-95.15)	93.64 (90.83-96.18)	94.12 (90.95-96.32)	93.76 (90.31-96.13)	95.05 (91.48-97.51)
China	81.83 (63.63-91.21)	87.91 (74.29-94.48)	94.37 (86.46-97.55)	97.22 (92.98-98.8)	97.63 (93.81-98.97)	98.84 (97.04-99.49)	99.57 (98.86-99.79)	99.74 (99.39-99.86)
Colombia	45.08 (34.92-55.58)	67.46 (61.61-73.59)	80.86 (76.34-84.64)	86.35 (82.64-89.44)	87.64 (83.61-86.6)	88.63 (85.57-91.24)	92.97 (90.12-95.04)	96.37 (93.9-97.96)
Comoros	32.74 (17.57-52.4)	41.21 (29.17-53.99)	55.09 (45.83-64.65)	60.28 (52.63-68.41)	63.82 (61.07-71.61)	68.19 (61.07-74.42)	71.34 (66.94-77.85)	73.99 (63.57-82.9)
Congo	34.55 (21.6-49.3)	44.85 (30.6-53.88)	53.29 (44.79-61.86)	64.29 (55.9-71.41)	43.01 (35.5-51.41)	68.19 (61.07-74.42)	74.17 (66.39-80.47)	78.14 (68.35-85.65)
Costa Rica	89.23 (84.31-93.27)	92.31 (89.35-94.92)	94.42 (92.12-96.2)	92.33 (89.29-94.76)	92.56 (89.68-97.26)	93.73 (91.33-95.85)	95.1 (93.04-96.65)	96.77 (94.83-98.15)
Cote d'Ivoire	36.21 (18.91-56.7)	39.83 (28.92-51.99)	57.42 (48.58-66.82)	59.3 (51.17-67.7)	65.09 (56.98-72.26)	74.64 (67.2-90.95)	87.03 (80.54-91.49)	92.56 (85.68-96.62)
Croatia	72.54 (63.38-92.09)	78.23 (55.93-91.36)	83.63 (74.59-90.74)	88.75 (84.39-92.21)	93.82 (91.05-96.05)	96.43 (94.26-97.28)	96.06 (93.58-97.06)	99.29 (93.18-98.31)
Cuba	88.81 (81.4-93.93)	92.77 (88.33-95.94)	95.86 (92.97-97.73)	98.89 (97.27-99.66)	93.82 (91.05-96.05)	96.43 (94.26-97.28)	96.06 (93.58-97.06)	99.29 (93.18-98.31)
Cyprus	51.13 (34.33-67.71)	73.81 (61.46-84.16)	93.71 (88.07-97.7)	98.89 (97.27-99.66)	99.74 (95.71-99.02)	97.95 (95.64-99.15)	98.46 (96.33-99.5)	98.85 (96.75-99.7)
Czech Republic	94.63 (82.59-99.08)	95.78 (88.08-99.05)	96.27 (90.68-98.89)	97.49 (94.87-99.01)	97.76 (95.71-99.02)	97.95 (95.64-99.15)	98.46 (96.33-99.5)	98.85 (96.75-99.7)
Democratic Republic of the Congo	13.62 (7.23-22.38)	20.57 (14.72-27.26)	26.8 (20.84-33.46)	23.72 (18.03-30.27)	25.15 (20.02-31.12)	52.73 (46.39-58.87)	66.53 (61.51-71.58)	94.7 (91.11-97.27)
Denmark	87.95 (81.06-92.98)	89.01 (84.85-92.58)	88.97 (84.9-92.79)	90.53 (86.15-93.82)	94.93 (91.78-97.12)	93.38 (89.56-96.18)	92.76 (89.11-95.58)	94.7 (91.11-97.27)
Djibouti	11.23 (4.71-21.15)	20.5 (13.4-29.48)	46.67 (37.88-55.53)	50.6 (42.13-59.08)	51.32 (43.3-59.5)	58.9 (51.17-66.15)	68.68 (61.41-75.7)	71.08 (60.7-81.16)
Dominica	90.81 (84.72-95.14)	93.57 (89.65-96.43)	96.63 (94.37-98.19)	98.69 (97.6-99.35)	99.2 (98.49-99.63)	99 (98.19-99.53)	98.88 (97.83-99.55)	98.9 (97.83-99.55)
Dominican Republic	34.73 (25.81-44.59)	47.54 (39.99-55.09)	55.34 (48.44-61.97)	62.98 (56.87-68.53)	69.88 (64.08-74.74)	72.88 (67.15-78.22)	76.33 (71.2-81.18)	79.63 (73.12-85.28)
Ecuador	39.67 (28.27-52.41)	55.43 (45.01-65.35)	73.94 (66.46-80.89)	87.45 (81.8-91.49)	96.56 (94.36-98.01)	98.54 (97.4-99.3)	98.64 (97.43-99.36)	98.51 (96.98-99.3)
Egypt	62.02 (52.06-70.8)	71.6 (65.07-77.06)	80.07 (76.46-83.65)	88.86 (86.57-90.82)	89.77 (86.18-92.77)	89.38 (85.59-92.22)	89.3 (85.52-92.24)	90.81 (86.73-94.27)
El Salvador	34.64 (25.68-44.71)	45.15 (37.68-52.84)	61.44 (53.63-68.55)	82.79 (77.3-87.36)	89.77 (86.18-92.77)	93.5 (25.38-44.31)	31.82 (22.87-42.59)	29.27 (17.95-43.79)
Equatorial Guinea	6.05 (1.7-15.05)	8.46 (3.16-17.67)	17.29 (9.38-27.99)	27.02 (18.67-36.31)	33.29 (24.56-42.84)	34.5 (25.38-44.31)	31.82 (22.87-42.59)	29.27 (17.95-43.79)
Eritrea	31.27 (13.5-51.79)	30.2 (19.62-41.82)	53.5 (46.85-59.71)	79.06 (71.76-85.03)	74.15 (69.04-78.84)	89.35 (85.6-92.32)	95.32 (91.83-97.34)	97.5 (94.7-99.07)
Estonia	82.25 (72.06-89.91)	10.32 (6.63-15.33)	21.41 (16.15-28.27)	41.31 (30.86-52.26)	44.35 (38.49-49.19)	35.98 (35.2-47.2)	45.68 (32.18-57.22)	55.36 (38.74-70.66)
Ethiopia	6.01 (2.74-11.09)	10.32 (6.63-15.33)	21.41 (16.15-28.27)	41.31 (30.86-52.26)	44.35 (38.49-49.19)	35.98 (35.2-47.2)	45.68 (32.18-57.22)	55.36 (38.74-70.66)
Federated States of Micronesia	55.84 (30.35-80.02)	69.99 (62.29-77.48)	72.04 (67.97-77.48)	80.11 (73.35-87.71)	81.52 (74.28-86.04)	83.69 (77.41-89.42)	82.12 (75.2-87.67)	86.1 (79.07-91.74)
Fiji	60.2 (47.27-72.58)	72.04 (67.97-77.48)	72.04 (67.97-77.48)	80.11 (73.35-87.71)	81.52 (74.28-86.04)	83.69 (77.41-89.42)	82.12 (75.2-87.67)	86.1 (79.07-91.74)
Finland	92.91 (86.97-98)	94.12 (89.69-97.02)	94.93 (91.16-97.44)	97.91 (95.77-99.13)	98.47 (96.77-99.43)	98.44 (96.79-99.44)	98.92 (97.52-99.62)	99.14 (97.91-99.74)
France	84.41 (73.9-92.39)	89.88 (88.96-94.10)	92.76 (91.56-94.93)	95.8 (94.52-96.81)	97.08 (96.48-98.46)	98.37 (96.79-99.29)	98.78 (97.32-99.56)	99.14 (97.91-99.74)
Gabon	27.35 (15.94-40.95)	40.88 (32.61-49.51)	58.36 (51.11-66.27)	52.16 (46.22-59.67)	34.01 (27.84-40.13)	42.15 (35.03-49.31)	65.01 (58.14-71.65)	73.88 (63.94-82.16)
Gambia	91.24 (80.39-97.29)	92.38 (85.42-96.83)	87.64 (80.72-92.9)	82.77 (76.66-88.19)	75.79 (69.43-80.84)	76.42 (69.81-81.6)	82.76 (77.57-87.23)	86.1 (79.07-91.74)
Ghana	22.66 (15.25-32.16)	33.14 (27.27-39.98)	45.33 (32.91-57.44)	59.18 (50.18-67.66)	74.02 (67.46-80.73)	76.42 (69.81-81.6)	82.76 (77.57-87.23)	86.1 (79.07-91.74)
Germany	30.27 (9.65-60.69)	35.76 (31.4-45.8)	45.33 (32.91-57.44)	59.18 (50.18-67.66)	74.02 (67.46-80.73)	76.42 (69.81-81.6)	82.76 (77.57-87.23)	86.1 (79.07-91.74)
Greece	91.24 (80.39-97.29)	92.38 (85.42-96.83)	87.64 (80.72-92.9)	82.77 (76.66-88.19)	75.79 (69.43-80.84)	76.42 (69.81-81.6)	82.76 (77.57-87.23)	86.1 (79.07-91.74)
Greenland	22.66 (15.25-32.16)	33.14 (27.27-39.98)	45.33 (32.91-57.44)	59.18 (50.18-67.66)	74.02 (67.46-80.73)	76.42 (69.81-81.6)	82.76 (77.57-87.23)	86.1 (79.07-91.74)
Grenada	87.91 (80.79-93.38)	88.98 (84.06-92.72)	87.46 (81.68-91.74)	91.83 (87.51-94.83)	95.2 (91.98-97.23)	98.37 (96.79-99.29)	98.78 (97.32-99.56)	99.14 (97.91-99.74)
Guam	59.28 (46.05-70.94)	72.53 (63.71-80.23)	97.72 (91.62-99.61)	98.66 (95.7-99.78)	99.11 (97.07-99.84)	98.87 (96.36-99.83)	98.19 (96.67-99.15)	98

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Haiti	25.1 (17.66-33.61)	34.04 (27.6-41.04)	41.01 (34.99-47.52)	52.85 (45.8-59.59)	62.44 (56.05-68.65)	71.79 (65.91-77.06)	79.01 (73.31-84.25)	85.8 (79.7-90.88)
Honduras	38.99 (30.27-48.33)	51.82 (43.33-60.11)	61.82 (53.1-70.54)	72.92 (63.43-82.41)	81.82 (76.93-86.75)	92.99 (85.24-99.74)	94.18 (92.87-96.73)	94.95 (92.87-96.73)
Hungary	98.36 (95.24-99.57)	98.74 (96.39-99.62)	98.77 (97.26-99.58)	98.58 (96.89-99.52)	98.86 (97.33-99.63)	98.89 (97.33-99.63)	98.94 (97.65-99.67)	99.17 (98.01-99.82)
Iceland	97.32 (93.73-99.16)	98.39 (96.55-99.51)	98.49 (96.55-99.51)	98.14 (96.55-99.51)	97.33 (94.63-98.91)	95.87 (92.67-97.86)	94.5 (91.09-96.96)	94.17 (90.21-96.97)
India	32.96 (29.66-36.62)	40.1 (37.26-43.21)	48.1 (45.66-50.69)	53.34 (50.89-55.99)	57.2 (54.73-59.82)	66.17 (64.68-68.2)	76.3 (74.81-77.68)	84.76 (82.95-86.41)
Indonesia	14.18 (9.64-21.13)	28.26 (23.49-33.33)	53.99 (49.52-58.19)	66.33 (62.01-70.31)	75.2 (71.91-79.31)	86.3 (82.01-90.61)	90.84 (87.42-93.39)	97.69 (94.88-99.95)
Iran	43.16 (35.57-51.08)	63.66 (55.02-65.69)	91.6 (88.73-93.78)	99.84 (98.48-99.91)	99.69 (99.45-99.81)	99.84 (99.45-99.81)	99.87 (99.79-99.93)	99.91 (99.85-99.95)
Iraq	17.8 (12.75-23.66)	43.6 (36.08-51.27)	72.57 (67.43-77.7)	76.34 (72.49-79.91)	67.17 (63.55-70.78)	68.09 (64.52-72.84)	68.63 (64.2-72.84)	75.52 (70.06-80.7)
Ireland	33.71 (25.41-42.73)	40.05 (40.18-53.65)	61.87 (52.71-69.71)	75.95 (68.16-82.58)	93.55 (87.91-97.03)	94.93 (92.37-97.35)	93.83 (90.87-95.9)	95.91 (92.57-98.26)
Israel	87.17 (80.85-92.19)	90.22 (86.44-93.25)	92.87 (89.61-95.41)	95.25 (92.71-97.03)	93.77 (92.82-94.7)	94.77 (93.45-97.37)	95.06 (93.65-97.61)	95.9 (93.13-97.94)
Italy	66.64 (40.21-86.94)	74.34 (57.85-87.17)	78.83 (71.22-85.22)	83.89 (79.7-87.43)	90.44 (84.27-93.27)	94.77 (88.04-93.91)	95.96 (93.65-97.61)	96.1 (92.57-98.26)
Jamaica	57.03 (45.38-68.82)	72.19 (63.64-79.55)	86.17 (80.18-90.72)	91.35 (87.31-94.47)	88.49 (87.41-92.08)	91.24 (88.04-93.91)	95.06 (92.6-96.9)	95.9 (93.13-97.94)
Japan	75.15 (67.69-80.98)	81.02 (75.84-84.83)	84.94 (80.88-88.09)	87.99 (83.77-90.78)	90.33 (87.41-92.08)	92.73 (90.47-95.1)	97.95 (97.01-98.68)	99.34 (98.76-99.58)
Jordan	59.22 (48.43-69.59)	82.92 (76.28-87.96)	94.14 (91.43-96.12)	97.6 (96.41-98.46)	97.7 (96.59-98.67)	97.95 (97.01-98.68)	99.08 (98.61-99.42)	99.44 (98.76-99.58)
Kazakhstan	63.97 (56.41-70.91)	69.54 (64.03-74.51)	69.83 (65.46-73.81)	82.63 (71.01-90.67)	83.35 (83.35-83.35)	95.01 (90.83-97.53)	96.14 (92.23-98.23)	95.68 (90.55-93.35)
Kenya	40.57 (26.78-55.95)	50.27 (38.58-62.01)	73.36 (62.5-81)	80.68 (72.69-87.2)	87.46 (81.4-92.08)	87.48 (81.4-92.08)	88.34 (86.65-90.58)	91.65 (90.55-93.35)
Kiribati	66.87 (60.01-73.18)	80.99 (76.86-84.7)	89.64 (87.04-91.92)	89.12 (86.23-91.56)	89.9 (86.84-92.39)	89.52 (86.42-92.39)	90.13 (87.07-92.69)	91.91 (85.01-96.25)
Kuwait	50.68 (23.47-77.98)	4.87 (2.07-9.2)	70.18 (61.62-77.52)	76.92 (71.1-82.2)	83.66 (82.46-84.7)	83.02 (77.98-87.27)	82.73 (77.68-87.16)	84.83 (77.38-90.92)
Kyrgyzstan	4.26 (1.24-10.39)	4.87 (2.07-9.2)	10.92 (6.88-16.35)	30.86 (25.05-37.44)	38.58 (32.46-44.7)	46.63 (40.77-52.58)	62.98 (56.84-69.49)	78.51 (70.05-85.54)
Laos	89.92 (82.32-95.04)	83.96 (84.68-93.66)	91.68 (87.91-94.56)	95.28 (92.65-97.11)	96.23 (92.65-97.11)	96.07 (93.37-97.92)	94.3 (90.75-96.8)	95.27 (91.26-97.73)
Lebanon	70.23 (59.77-79.55)	83.15 (75.7-89.1)	95.28 (92.65-97.11)	98.71 (84.13-93.79)	98.63 (97.82-99.18)	97.84 (96.68-98.7)	99.19 (98.74-99.51)	99.66 (99.44-99.81)
Lesotho	76.76 (65.08-85.79)	80.25 (73.36-85.83)	79.42 (73.81-84.09)	98.63 (97.82-99.18)	80.82 (77.46-80.07)	81.2 (77.76-84.49)	84.63 (81.74-87.32)	85.02 (79.49-89.47)
Liberia	19.03 (10.68-29.59)	18.18 (11.91-25.86)	19.44 (11.95-29.45)	24.94 (16.85-34.55)	37.69 (28.8-47.04)	80.82 (77.46-80.07)	73.94 (65.11-81.09)	75.68 (63.49-84.76)
Lithuania	65.03 (57.57-71.2)	79.24 (75.21-83.24)	89.5 (86.68-91.95)	95.73 (93.23-95.9)	95.73 (93.23-95.9)	97.24 (96.07-98.21)	98.36 (97.42-98.99)	98.22 (97.06-98.96)
Luxembourg	69.56 (40.03-90.07)	74.92 (57.84-87.59)	84.14 (77.96-89.42)	86.59 (80.76-90.4)	94.92 (92.22-96.89)	94.26 (90.96-96.43)	94.15 (91.1-96.24)	94.55 (90.67-90.39)
Macedonia	80.81 (66.38-91.41)	85.36 (76.94-91.81)	90.65 (83.32-95.16)	97.65 (94.72-99.15)	94.92 (92.22-96.89)	94.26 (90.96-96.43)	94.15 (91.1-96.24)	94.55 (90.67-90.39)
Madagascar	26.78 (18.43-37.28)	33.15 (26.13-40.48)	50.88 (42.85-58.15)	59.83 (52.56-66.49)	64.25 (57.94-70.55)	76.64 (71.47-81.22)	90.61 (88.32-92.64)	84.54 (90.67-95.78)
Malawi	58.29 (47.73-67.75)	64.23 (57.52-70.28)	82.85 (79.04-86.49)	92.79 (90.75-94.58)	85.11 (81.48-88.29)	84.22 (81.24-87.32)	90.61 (88.32-92.64)	98.15 (92.68-99.35)
Malaysia	61.36 (46.97-74.2)	68.93 (61.38-76.21)	85.54 (80.19-89.94)	93.88 (90.66-96.2)	95.85 (93.45-97.63)	95.93 (93.32-97.71)	96.43 (92.7-97.38)	96.03 (92.68-98.21)
Maldives	17.25 (7.02-33.7)	5.54 (3.98-7.35)	12.23 (9.04-16.05)	91.03 (86.65-94.51)	44.46 (38.26-50.02)	67.83 (62.68-72.67)	68.16 (63.04-72.81)	66.27 (58.33-74.88)
Malta	59.85 (35.8-79.86)	4.49 (2.38-7.96)	79.48 (68.81-88.06)	87.65 (79.94-93.16)	89.69 (82.64-93.38)	89.69 (82.64-93.38)	91.84 (84.61-96.13)	96.67 (92.22-98.88)
Marshall Islands	47.08 (21.41-72.8)	53.31 (31.95-72.66)	51.58 (39.65-64.09)	48.62 (39-57.82)	43.38 (33.48-52.9)	49.87 (40.58-59.62)	55.34 (44.53-65.31)	58.18 (43.32-72.11)
Mauritania	24.31 (19.95-28.7)	14.64 (9.06-21.52)	24.76 (19.17-31.08)	38.07 (31.85-44.52)	50.35 (43.96-57.05)	64.09 (57.17-70.59)	69.34 (62.9-75.1)	74.6 (65.78-81.69)
Mexico	84.35 (75.12-90.89)	87.3 (82.87-91.96)	86.27 (80.93-90.85)	88.95 (84.21-92.68)	92.51 (88.46-95.56)	96.5 (93.66-97.14)	97.85 (95.67-99.14)	98.4 (96.32-99.46)
Moldova	77.87 (48.51-94.51)	82.1 (69.45-94.61)	90.68 (84.54-94.65)	73.89 (70.63-76.97)	81.47 (78.82-83.97)	92.15 (79.36-84.26)	81.25 (78.47-84.9)	81.51 (77.75-84.9)
Mongolia	72.01 (60.79-81.23)	81.1 (69.42-92.61)	91.16 (82.38-96.38)	91.94 (86.61-95.69)	94.95 (91.76-97.99)	93.16 (88.99-96.07)	87.13 (88.99-96.07)	91.92 (84.48-96.55)
Montenegro	83.96 (56.97-97.1)	88.48 (68.7-97.68)	72.26 (64.98-78.76)	75.29 (68.06-81.58)	86.68 (82.52-90.32)	92.92 (90.65-94.84)	93.54 (90.91-95.51)	94.03 (90.03-96.66)
Morocco	42.03 (33.57-50.79)	56.5 (49.62-62.94)	73.7 (68.56-78.49)	92.89 (82.35-97.97)	92.21 (84.1-90.86)	93.87 (89.55-96.69)	95.03 (91.95-97.04)	95.07 (91.23-97.64)
Mozambique	39.29 (29.63-50.09)	34.61 (29.25-40.7)	39.84 (33.9-45.74)	85.54 (82.03-88.28)	91.33 (84.1-90.86)	93.46 (91.5-96.49)	95.33 (94.01-96.49)	96.67 (95.24-97.66)
Myanmar	16.12 (10.19-23.43)	31.97 (24.2-40.7)	65.15 (56.6-72.74)	56.43 (50.29-62.43)	72.22 (67.77-77.53)	76.19 (72.26-79.99)	74.84 (70.72-79.9)	78.93 (71.85-84.7)
Namibia	43.72 (21.4-67.18)	49.54 (34.1-65.8)	61.57 (53.69-68.67)	71.06 (64.99-76.87)	83.22 (77.63-87.36)	88.37 (83.81-92.02)	93.22 (89.69-95.8)	95.29 (91.51-97.6)
Nepal	10.57 (5.71-17.83)	24.55 (17.44-33.33)	47.41 (38.71-56.77)	59.6 (51.28-67.84)	61.85 (55.35-70.69)	69.74 (62.81-76.13)	76.09 (69.44-81.69)	85.91 (79.11-90.92)
Netherlands	95.68 (91.85-98.06)	96.76 (94.53-98.21)	97.09 (95.31-98.32)	85.32 (80.39-89.45)	96.58 (94.97-98.1)	96.64 (94.5-98.15)	96.88 (94.95-98.26)	96.76 (93.96-98.49)
New Zealand	71.29 (61.66-79.62)	74.8 (69.18-79.92)	77.86 (72.12-83.16)	80.38 (74.48-85.03)	87.91 (83.27-91.5)	89.91 (85.73-93.3)	91.89 (88.31-94.5)	93.55 (89.1-96.45)
Nicaragua	25.46 (17.67-34.24)	41.25 (33.48-49.3)	64.64 (57.24-71.73)	81.23 (74.48-85.03)	88 (83.55-91.45)	92.26 (88.67-94.96)	96.53 (94.11-98.11)	98.09 (96.38-99.14)
Niger	6.5 (1.95-16.03)	10.17 (4.38-18.83)	20.4 (13.56-28.48)	31.23 (24.68-38.1)	35.15 (27.98-43)	60 (52.02-67.7)	75.76 (69.5-81.56)	81.66 (72.85-88.33)
Nigeria	18.58 (10.65-28.9)	24.1 (18.56-30.58)	27.93 (22.08-33.96)	24.99 (19.64-30.67)	23.43 (18.4-29.02)	31.24 (26.43-36.07)	41.99 (37.59-46.93)	48.9 (39.17-58.57)
North Korea	57.4 (44.95-69.88)	72.23 (65.26-79.86)	90.31 (84.7-94.7)	94.95 (91.46-97.38)	83.24 (77.6-88.93)	86.32 (79.57-91.2)	96.12 (92.75-98.17)	98.34 (96.1-99.47)
Northern Mariana Islands	84.96 (74.69-92.41)	86.5 (81.24-90.47)	97.28 (91.28-99.52)	98.97 (96.36-99.84)	99.35 (97.67-99.9)	99.51 (98.25-99.92)	99.58 (98.25-99.92)	99.48 (98.24-99.92)
Norway	59.53 (50.53-67.96)	78.51 (72.79-83.6)	88.13 (83.43-91.81)	93.82 (90.74-96.14)	92.69 (89.15-95.27)	93.32 (90.56-95.76)	94.25 (91.39-96.37)	95.67 (92.4-97.83)
Oman	17.83 (9.87-28.39)	37.12 (28.14-46.07)	66.46 (59.64-72.91)	99.59 (99.37-99.76)	99.8 (99.69-99.88)	99.86 (99.77-99.92)	99.84 (99.74-99.91)	99.91 (99.85-99.95)
Pakistan	70.21 (57.64-80.91)	83.59 (74.95-90.21)	89.99 (85.27-93.97)	67.59 (61.57-72.73)	72.14 (68.03-75.9)	74.48 (70.15-78.46)	72.3 (66.52-77.69)	71.38 (61.71-79.57)
Palestine	57.47 (47.04-67.06)	65.54 (58.34-72.29)	89.99 (85.27-93.97)	94.27 (91.78-96.21)	94.8 (93.07-96.2)	94.04 (92.17-95.54)	94.1 (91.94-95.82)	95.49 (93.23-97.15)
Panama	24.84 (16.83-34.01)	54.48 (47.07-61.92)	73.35 (67.21-78.6)	82.37 (77.39-86.45)	85.84 (81.5-89.34)	77.5 (72.4-82.2)	74.55 (68.13-80.26)	78.03 (69.92-84.85)
Papua New Guinea	40.1 (29.98-51.1)	53.02 (44.63-61.57)	64.61 (57.75-71.22)	77.73 (73.08-82.04)	88.02 (82.09-93.38)	93.58 (90.93-95.83)	80.1 (74.57-84.83)	81.05 (73.15-87.21)
Peru	48.53 (33.95-63.9)	65.28 (58.74-74.43)	83.7 (77.25-88.8)	89.24 (84.4-93.24)	88.02 (82.03-92.08)	86.74 (81.39-91.3)	86.95 (81.31-91.43)	87.54 (79.14-93.14)
Philippines	94.65 (89.98-97.4)	95.1 (92.45-97.07)	95.44 (92.83-97.36)	96.38 (93.9-98.08)	98.13 (96.29-99.17)	98.57 (96.79-99.51)	98.78 (97.01-99.57)	99.05 (97.48-99.73)
Poland	72.24 (62.57-80.67)	88.87 (84.76-92.26)	94.38 (92.83-97.43)	93.21 (89.36-96.6)	95.73 (92.83-97.43)	96.85 (94.56-97.5)	98.44 (96.62-99.45)	98.44 (96.62-99.45)
Portugal	60.03 (38.28-79.01)	71.2 (52.43-87.12)	79.13 (61.97-91)	83.21 (67.75-92.74)	89.42 (87.4-95.41)	92.39 (84.64-96.66)	93.55 (87.59-97.29)	95.6 (91.3-98.11)
Puerto Rico	53.29 (43.93-62.8)	71.7 (64.2-78)	83.43 (78.84-87.49)	89.61 (86.02-92.43)	92.15 (90.02-94.51)	92.39 (84.64-96.66)	93.55 (87.59-97.29)	95.6 (91.3-98.11)
Romania	30.91 (16.77-47.43)	34.3 (25.99-49.19)	95.86 (92.26-98.03)	96.87 (93.33-98.71)	98.18 (95.83-99.36)	97.17 (93.63-98.66)	95.86 (91.36-98.45)	95.31 (89.69-98.34)
Russia	31.2 (13.31-54.94)	93.3 (85.99-97.49)	53.52 (45.12-62.34)	61.67 (53.22-70.21)	77.37 (70.74-83.21)	78.94 (72.52-84.38)	95.86 (91.36-98.45)	81.86 (72.55-88.8)
Rwanda	32.48 (19.09-50.33)	44 (33.42-55.45)	73.48 (65.76-80.15)	65.53 (57.26-73.62)	91.26 (81.12-9			

Location_name	1980	1985	1990	1995	2000	2005	2010	2015
Seychelles	83.93 (63.77-94.67)	92.47 (82.61-97.52)	97.38 (93.29-99.25)	99.26 (97.89-99.8)	99.61 (98.92-99.91)	99.73 (99.1-99.94)	99.8 (99.43-99.97)	99.85 (99.57-99.97)
Sierra Leone	7.62 (3.37-14.1)	16.33 (10.46-24.2)	38.03 (29.95-46.9)	41.94 (35.28-48.18)	40.39 (34.92-45.88)	58.39 (53.09-63.37)	72.31 (67.02-76.98)	78.15 (70.92-84.5)
Singapore	81.13 (72.12-87.9)	86.5 (81.7-90.5)	89.51 (85.25-93)	95.55 (92.19-97.42)	96.78 (94.58-98.19)	96.67 (94.47-98.17)	97.27 (95.35-98.52)	97.79 (95.62-99.05)
Slovakia	96.56 (89.45-99.41)	97.67 (92.69-99.56)	98.42 (95.79-99.63)	98.88 (97.19-99.62)	98.8 (97.25-99.63)	98.5 (96.68-99.49)	98.4 (96.61-99.4)	98.58 (96.84-99.53)
Slovenia	92.75 (77.71-98.77)	95.21 (87.1-98.88)	96.2 (91.4-98.67)	95.52 (92.15-97.84)	93.76 (90.54-96.16)	94.51 (91.04-96.71)	96.09 (93.51-97.84)	96.76 (94.1-98.58)
Solomon Islands	32.38 (21.57-44.03)	44.96 (36.49-53.61)	62.63 (54.14-70.37)	73.26 (65.56-79.95)	77.48 (70.32-83.88)	76.13 (68.95-81.92)	80.19 (73.75-86.01)	84.51 (76.67-90.84)
Somalia	2.68 (0.95-5.72)	4.03 (1.79-7.68)	4.9 (2.17-9.45)	5.95 (2.65-11.01)	10.52 (5.78-17.6)	15.87 (7.39-25.35)	20.75 (15.05-27.35)	26.33 (16.57-38.69)
South Africa	59.31 (50.08-67.79)	63.62 (57.62-69.42)	67.17 (62.46-71.89)	73.4 (69.22-77.33)	73.22 (68.77-76.27)	77.75 (73.99-81.24)	83 (79.27-85.97)	83.51 (79.11-86.92)
South Korea	61.33 (42.47-77.54)	73.2 (60.05-83.54)	73.74 (61.13-84.2)	85.83 (80.7-94.62)	89.05 (80.7-94.62)	95.02 (90.98-97.75)	97.89 (95.4-99.22)	99.06 (97.72-99.74)
South Sudan	11.82 (2.53-31.95)	12.2 (2.88-34.02)	13.17 (3.47-34.65)	18.8 (14.16-34.88)	21.78 (8.71-40.62)	25.72 (16.97-42.31)	35.35 (27.64-43.64)	43 (31.78-55.13)
Spain	77.16 (60.08-89.28)	84.79 (76.33-90.7)	87.02 (82.90-98)	91.49 (87.92-94.2)	95.5 (92.98-97.31)	96.74 (94.76-98.58)	97.52 (95.59-98.75)	97.97 (95.92-99.17)
Sri Lanka	69.69 (56.55-80.06)	85.83 (80.5-93.5)	95.31 (92.76-99.35)	98.9 (97.71-99.8)	99.61 (98.96-99.89)	99.86 (99.51-99.97)	99.92 (99.71-99.99)	99.92 (99.71-99.99)
Sudan	2.34 (1.41-3.58)	5.79 (4.07-7.97)	11.58 (7.51-26.38)	44.39 (39.52-48.89)	54.54 (50.08-58.97)	69.24 (64.82-73.41)	77.18 (72.04-81.63)	75.82 (93.17-97.67)
Suriname	66.48 (54.7-76.46)	77.58 (70.28-83.79)	81.51 (75.8-86.29)	84.74 (79.93-88.68)	85.82 (81.23-89.68)	89.09 (84.6-92.34)	93.66 (90.65-95.87)	95.81 (92.03-98.06)
Swaziland	57.38 (38.89-74.38)	69.75 (62.42-79.98)	82.26 (73.47-88.72)	89.81 (84.57-93.76)	88.01 (82.22-92.34)	93.94 (77.76-89.24)	98.13 (85.94-94.65)	95.71 (92.03-98.06)
Sweden	98.2 (95.6-99.4)	98.56 (96.74-99.47)	98.56 (96.76-99.41)	98.86 (97.64-99.53)	98.74 (97.49-99.38)	98.36 (97.02-99.16)	98.19 (96.9-99.02)	98.41 (97.15-99.17)
Switzerland	88.37 (76.18-95.69)	97.63 (92.83-99.58)	99.27 (97.78-99.87)	88.39 (84.9-92.08)	91.31 (88.34-93.72)	93.82 (91.29-95.88)	95.37 (92.82-97.04)	96.42 (93.54-98.29)
Syria	94.2 (82.76-98.98)	97.63 (92.83-99.58)	99.27 (97.78-99.87)	88.39 (84.9-92.08)	91.31 (88.34-93.72)	93.82 (91.29-95.88)	95.37 (92.82-97.04)	96.42 (93.54-98.29)
Taiwan	67.6 (46.87-84.69)	76.42 (67.73-84.54)	81.71 (73.58-84.9)	82.26 (77.23-86.78)	85.63 (81.65-89.06)	89.47 (85.83-92.31)	90.66 (88.08-93.7)	92.06 (87.13-95.12)
Tajikistan	31.56 (22.4-41.79)	50.22 (43.1-56.94)	79.71 (73.58-84.9)	82.26 (77.23-86.78)	85.63 (81.65-89.06)	89.47 (85.83-92.31)	90.66 (88.08-93.7)	92.06 (87.13-95.12)
Tanzania	67.76 (57.02-77.72)	79 (71.45-84.93)	84.17 (78.54-88.81)	90.14 (86.28-93.32)	94.44 (91.86-96.44)	95.73 (93.22-97.5)	97.51 (95.84-98.63)	98.15 (96.65-99.11)
The Bahamas	53.27 (40.52-66.18)	61.86 (54.9-68.89)	73.46 (66.72-77.65)	75.24 (70.77-79.71)	73.49 (68.76-77.8)	76.23 (71.18-81.27)	80.34 (75.08-84.26)	83.9 (77.5-89.38)
The Gambia	4.64 (0.85-14.15)	5.47 (1.28-14.5)	6.05 (2.08-13.07)	9 (4.61-15.14)	13.22 (9.56-17.87)	19.81 (14.88-26.2)	32.4 (24.8-40.56)	42.91 (31.14-56.35)
Timor-Leste	36.33 (18.24-57.36)	45.15 (32.69-57.07)	58.95 (52.32-65.58)	52.02 (46.69-57.19)	50.04 (45.49-54.69)	67 (63.70-44)	74.61 (70.26-78.54)	78.37 (70.68-84.32)
Togo	54.5 (39.91-68.37)	74.95 (65.05-83.44)	91.3 (86.06-95.13)	95.92 (92.73-98.03)	97.25 (94.71-98.81)	98.82 (97.36-99.6)	99.24 (97.98-99.81)	99.56 (98.69-99.9)
Trinidad and Tobago	24.48 (18.03-32.57)	38.41 (32.58-44.73)	48.31 (42.38-54.24)	55.79 (50.19-61.16)	58.23 (53.05-62.96)	59.53 (54.03-64.51)	59.28 (53.52-64.65)	63.87 (56.05-71.76)
Tunisia	68.31 (56.83-77.19)	81.98 (74.12-87.81)	92.91 (89.29-95.37)	97.47 (96.98-41)	99.15 (98.61-99.48)	99.34 (98.93-99.61)	99.54 (99.26-99.73)	99.75 (99.59-99.86)
Turkey	31.77 (24.54-39.28)	41.33 (35.09-47.88)	48.1 (42.13-53.47)	53.87 (49.04-59.06)	63.18 (58.45-67.95)	69.21 (64.48-74.06)	78.08 (73.36-82.49)	81.49 (75.93-86.27)
Turkmenistan	59.52 (26.84-85.92)	66.02 (40.37-85.74)	76.22 (63.8-86.83)	84.66 (77.68-90.11)	90.38 (86.11-93.62)	89.82 (85.51-93.01)	88.86 (83.74-92.8)	90.31 (83.83-94.74)
Uganda	9.42 (3.74-19.57)	18.33 (10.49-29.01)	46.24 (36.68-55.92)	54.3 (45.42-62.99)	52.68 (43.7-61.64)	63.01 (54.61-71.19)	71.38 (63.07-78.67)	76.77 (66.34-85.36)
Ukraine	47.91 (29.71-65.3)	58.64 (44.31-70.75)	85.12 (77.44-90.7)	94.21 (89.94-96.85)	96.5 (93.33-96.63)	90.2 (83.5-94.63)	75.01 (65.62-82.94)	61.27 (42.63-77.12)
United Arab Emirates	39.94 (31.68-48.23)	62.04 (55.15-68.71)	77.92 (72.39-82.62)	89.4 (86.07-92.14)	92.69 (90.16-94.75)	95.17 (93.36-96.65)	96.84 (95.38-97.91)	97.85 (96.61-98.72)
United Kingdom	61.18 (55.23-66.37)	73.85 (68.71-77.68)	86.57 (82.44-89.42)	92.42 (89.67-94.28)	93.48 (91.75-94.71)	94.45 (93.43-95.29)	95.87 (95.07-96.57)	96.98 (96.13-97.61)
United States	94.89 (92.53-96.59)	94.7 (92.76-96.09)	91.37 (89.16-92.98)	92.76 (91.41-93.81)	94.6 (93.67-95.38)	94.76 (93.96-95.44)	94.62 (93.75-95.43)	94.56 (92.77-95.83)
Uruguay	59.96 (47.98-70.62)	74.06 (67.03-79.94)	88.12 (83.67-91.95)	90.08 (84.61-93.82)	94.43 (91.73-96.53)	95.01 (92.14-96.92)	96.04 (93.54-97.81)	96.58 (93.65-98.5)
Uzbekistan	77.44 (48.76-94.53)	81.8 (62.18-93.97)	86.31 (76.5-93.25)	90.8 (90.26-95.53)	94.33 (91.73-96.53)	95.01 (92.14-96.92)	96.04 (93.54-97.81)	96.58 (93.65-98.5)
Vanuatu	7.64 (3.15-14.85)	16.07 (10.47-22.83)	42.42 (34.85-50.88)	57.93 (50.2-65.26)	63.63 (56.37-70.84)	58.75 (51.46-65.37)	63.79 (56.65-70.62)	64.42 (53.24-74.44)
Venezuela	45.81 (36.07-54.73)	50.93 (43.89-57.72)	56.37 (49.81-62.54)	61.03 (54.82-78.86)	66.56 (61.08-71.72)	70.08 (63.95-75.63)	73.64 (67.47-78.97)	77.22 (69.81-83.52)
Vietnam	17.1 (7.58-31.38)	31.93 (22.02-42.33)	62.7 (54.81-69.91)	74.09 (68.82-78.85)	76.16 (70.91-80.41)	82.39 (70.94-91.04)	81.99 (71.53-89.95)	82.27 (71.27-90.55)
Virgin Islands, U.S.	54.27 (32.77-74.2)	62.17 (40.87-80.37)	68.5 (47.97-84.38)	76.03 (58.25-88.45)	79.12 (63.61-90.1)	88.39 (70.94-91.04)	81.99 (71.53-89.95)	82.27 (71.27-90.55)
Yemen	2.58 (1.52-4)	5.06 (3.31-7.26)	22.17 (16.83-28.06)	46.07 (39.31-52.77)	59.8 (53.75-65.33)	64.21 (58.5-69.15)	68.74 (62.55-74.32)	72.01 (64.77-78.7)
Zambia	60.26 (43.53-74.48)	61.48 (52.7-69.66)	69.94 (63.82-75.51)	72.36 (67.04-76.74)	80.78 (75.95-84.92)	84.79 (81.24-87.91)	84.51 (81.31-87.37)	87.53 (82.28-91.6)
Zimbabwe	64.37 (48.03-77.54)	77.7 (69.98-84.44)	87.24 (82.53-91.33)	86.89 (82.07-91.1)	82.75 (76.67-88.05)	85.8 (79.76-90.75)	90.57 (85.43-94.16)	97.08 (94.61-98.68)

Table 4: Country-level vaccination coverage of Polio3 by 5 year period from 1980-2015

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Alghanistan	3.18 (2.04-4.81)	6.42 (4.55-8.92)	11.86 (8.44-15)	14.83 (11.54-18.25)	25.26 (21.29-29.95)	44.29 (39.76-48.68)	58.55 (54.52-62.11)	69.94 (64.62-74.56)
Albania	94.4 (85.31-98.5)	97.83 (94.42-99.38)	97.83 (94.42-99.38)	97.83 (94.42-99.38)	97.83 (94.42-99.38)	97.83 (94.42-99.38)	97.83 (94.42-99.38)	97.83 (94.42-99.38)
Algeria	58.12 (44.85-70.14)	70.52 (60.13-79.17)	78.95 (71.98-85.42)	85.21 (80.35-89.52)	90.86 (87.43-93.52)	96.19 (94.44-97.63)	98.12 (97.13-98.79)	98.97 (87.34-99.38)
American Samoa	73.31 (33.02-95.41)	81.84 (45.39-97.33)	89.45 (62.61-98.67)	92.71 (73.7-99.29)	95.71 (83.3-99.6)	96.28 (84.79-99.63)	96.86 (88.41-99.69)	96.81 (87.22-99.69)
Andorra	84.92 (66.75-95.31)	86.91 (71.06-95.28)	87.44 (74.81-94.68)	90.57 (83.5-95.15)	94.71 (91.76-96.44)	96.03 (94.66-98.38)	97.9 (96.99-99.25)	98.1 (95.94-99.25)
Angola	25.91 (12.16-45.1)	26.6 (14.89-40.89)	28.29 (17.83-39.23)	37.22 (27.15-47.6)	45.46 (35.63-55.45)	65.02 (55.08-73.85)	80.12 (71.59-87.19)	87.98 (80.11-93.51)
Antigua and Barbuda	86.84 (75.04-94.03)	98.11 (95.41-99.35)	98.58 (95.41-99.35)	98.95 (97.36-99.68)	98.99 (97.36-99.68)	99.11 (97.36-99.68)	99.19 (97.36-99.68)	99.13 (97.36-99.68)
Argentina	57.25 (43.84-69.5)	74 (65.13-81.34)	84.44 (78.3-89.19)	89.58 (85.12-93.2)	92.31 (88.8-94.97)	93.36 (90.26-95.77)	93.58 (90.19-96.21)	94.06 (89.62-97.04)
Armenia	72.09 (36.88-95.05)	73.91 (52.66-94.26)	84.71 (68.55-88.71)	83.48 (72.62-91.38)	83.42 (73.3-90.63)	82.6 (72.14-90.69)	91.1 (81.09-96.66)	91.1 (81.09-96.66)
Australia	61.34 (39.33-80.36)	78.91 (65.55-86.81)	78.83 (65.55-86.81)	86.79 (79.07-92.63)	85.5 (79.7-89.88)	84.35 (78.48-88.94)	87.91 (80.5-92.67)	92.47 (84.67-96.84)
Austria	89.38 (82.43-94.23)	91 (87.22-94.18)	90.06 (85.8-93.56)	90.61 (86.29-93.82)	85.5 (79.7-89.88)	84.35 (78.48-88.94)	87.91 (80.5-92.67)	92.47 (84.67-96.84)
Azerbaijan	19.96 (3.77-52.74)	24.83 (8.09-51.32)	33.02 (20.01-48.49)	36.67 (27.68-45.49)	36.67 (27.68-45.49)	36.67 (27.68-45.49)	36.67 (27.68-45.49)	36.67 (27.68-45.49)
Bahrain	70.76 (62.17-77.95)	79.43 (71.99-84.14)	87.38 (83.56-90.57)	91.78 (89.01-93.91)	93.31 (90.93-95.1)	92.36 (89.47-94.24)	95.93 (92.63-96.9)	96.54 (93.97-98.13)
Bangladesh	11.16 (5.85-18.28)	17.17 (11.06-25.08)	53.04 (42.51-62.61)	86.54 (80.77-90.83)	88 (83.5-91.47)	92.36 (89.47-94.24)	95.93 (92.63-96.9)	96.54 (93.97-98.13)
Barbados	70.98 (57.51-82.06)	76.53 (68.41-83.42)	84.16 (78.25-88.65)	90.93 (86.75-94.06)	91.76 (88.13-94.79)	91.46 (87.45-94.49)	92.42 (88.66-95.3)	94.41 (89.88-97.25)
Belarus	87.11 (78.49-93.14)	90.54 (90.99-96.75)	93.9 (90.69-96.41)	94.36 (91.03-96.82)	95.78 (92.85-97.69)	97.86 (95.98-98.9)	99.52 (98.76-99.88)	99.66 (98.74-99.69)
Belgium	54.54 (43.17-64.69)	65.29 (58.05-71.7)	79.32 (73.49-84.17)	86.19 (81.79-89.92)	91.07 (87.51-93.99)	95.41 (92.95-97.27)	96.45 (94.09-98.02)	96.64 (93.96-98.4)
Belize	10.62 (4.54-21.36)	13.63 (7.36-22.07)	36.76 (27.98-45.77)	59.18 (52.03-65.83)	61.96 (55.33-68.26)	62.32 (55.8-68.3)	60.59 (53.09-67.71)	64.48 (52.92-75.06)
Bermuda	89.79 (72.28-97.58)	93.69 (82.44-98.59)	96.33 (88.63-99.2)	98.23 (94.31-99.64)	99.27 (97.78-99.86)	99.48 (98.4-99.91)	99.64 (98.92-99.93)	99.73 (99.1-99.95)
Bhutan	23.37 (14.43-35.73)	43.65 (33.54-54.43)	69.76 (61.25-77.22)	82.95 (76.92-87.75)	89.27 (84.96-92.67)	92.25 (88.78-94.93)	94.76 (91.73-96.88)	96.24 (93.49-98.09)
Bolivia	29.33 (18.35-43.31)	43.65 (33.54-54.43)	69.76 (61.25-77.22)	82.95 (76.92-87.75)	89.27 (84.96-92.67)	92.25 (88.78-94.93)	94.76 (91.73-96.88)	96.24 (93.49-98.09)
Bosnia and Herzegovina	68.63 (30.15-93.59)	71.22 (39.98-91.86)	75.24 (54.45-74.11)	82.37 (75.33-87.75)	89.27 (84.96-92.67)	92.25 (88.78-94.93)	94.76 (91.73-96.88)	96.24 (93.49-98.09)
Botswana	82.88 (72.69-91.11)	83.87 (75.78-89.94)	86.24 (79.83-91.3)	89.12 (86.58-91.15)	92.47 (89.15-95.12)	97.11 (94.86-98.51)	98.79 (97.61-99.47)	99.14 (98.02-99.69)
Brazil	68.42 (61.29-74.19)	73.22 (65.97-77.05)	77.19 (74.04-80.01)	89.12 (86.58-91.15)	92.47 (89.15-95.12)	97.11 (94.86-98.51)	98.79 (97.61-99.47)	99.14 (98.02-99.69)
Brunei	93.41 (87.3-97.17)	93.22 (87.98-96.7)	95.63 (91.43-97.98)	97.67 (95.08-99.07)	98.26 (96.29-99.28)	98.3 (96.46-99.28)	98.57 (96.86-99.45)	98.95 (97.49-99.67)
Bulgaria	97.45 (91.45-99.58)	97.45 (91.45-99.58)	97.45 (91.45-99.58)	97.45 (91.45-99.58)	97.45 (91.45-99.58)	97.45 (91.45-99.58)	97.45 (91.45-99.58)	97.45 (91.45-99.58)
Burkina Faso	13.28 (6.55-24.51)	21.29 (13.67-30.82)	32.94 (26.29-40.1)	45.43 (40.46-50.4)	45.43 (40.46-50.4)	45.43 (40.46-50.4)	45.43 (40.46-50.4)	45.43 (40.46-50.4)
Burundi	38.88 (27.78-50.73)	51.71 (44.05-59.66)	67.52 (60.45-74.4)	65.85 (49.2-58.64)	68.67 (62.41-74.51)	82.71 (78.69-85.78)	81.52 (87.67-94.32)	81.68 (86.3-95.07)
Cambodia	44.97 (19.67-71.75)	45.65 (30.96-60.61)	42.96 (36.7-49.69)	53.8 (49.2-58.64)	61.66 (55.41-67.4)	76.81 (71.51-81.03)	81.71 (76.86-85.56)	87.12 (81.26-91.72)
Cameroon	24.98 (16.12-36.21)	33.14 (26.05-41.07)	43.13 (37.14-49.41)	49.53 (44.05-55.2)	59.56 (50.88-67.15)	64.64 (61.1-71.97)	64.66 (61.24-67.09)	66.22 (62.98-68.37)
Cape Verde	73.55 (56.9-86.63)	78.13 (66.33-86.98)	73.34 (85.14-94.17)	85.82 (79.29-90.93)	94.4 (90.39-97.01)	94.68 (90.88-97.15)	93.6 (89.63-96.38)	97.3 (94.77-98.79)
Central African Republic	23.15 (16.65-30.49)	32.18 (26.7-38.08)	47.28 (41.29-53.17)	50.22 (44.81-55.59)	45.43 (39.67-51.01)	43.63 (37.43-48.33)	43.63 (37.43-48.33)	43.63 (37.43-48.33)
Chad	6.29 (2.57-12.71)	6.64 (3.44-11.28)	9.2 (5.89-13.31)	16.25 (12.08-21.61)	25.26 (21.92-29.95)	33.62 (29.32-34.41)	33.62 (29.32-34.41)	33.62 (29.32-34.41)
Chile	93.73 (88.53-96.95)	94.36 (90.96-96.77)	92.4 (88.66-95.08)	85.82 (79.29-90.93)	94.4 (90.39-97.01)	94.68 (90.88-97.15)	93.6 (89.63-96.38)	97.3 (94.77-98.79)
China	80.87 (57.42-91.63)	86.51 (66.42-94.24)	93.18 (80.55-97.25)	92.54 (89.48-95.03)	93.85 (90.95-95.48)	93.85 (90.95-95.48)	93.85 (90.95-95.48)	93.85 (90.95-95.48)
Colombia	32.62 (22.99-43.75)	36.09 (30.32-37.35)	82.19 (77.76-86.15)	96.71 (90.61-98.78)	93.85 (90.95-95.48)	93.85 (90.95-95.48)	93.85 (90.95-95.48)	93.85 (90.95-95.48)
Comoros	32.33 (18.71-50.33)	39.08 (27.32-51.84)	51.24 (42.14-60.73)	58.01 (46.65-66.47)	53.1 (53.76-69.55)	79.25 (74.54-83.3)	85.05 (80.31-89.01)	90.2 (84.99-94.9)
Congo	47.73 (32.87-62.24)	53.4 (49.16-66.7)	65.24 (57.14-72.91)	54.68 (46.65-66.47)	51.37 (43.81-58.94)	65.05 (69.33-80.05)	83.52 (78.46-87.65)	87.37 (81.07-91.91)
Costa Rica	91.15 (85.45-95.12)	93.4 (89.96-96.03)	94.85 (92.04-96.84)	97.65 (95.54-98.87)	98.28 (96.69-99.29)	99.19 (97.54-99.71)	99.68 (99.09-99.87)	99.78 (99.5-99.9)
Cote d'Ivoire	52.58 (34.12-71.93)	54.2 (40.04-68.04)	61.47 (52.71-70.2)	57.65 (50.79-64.34)	61.5 (64.4-68.58)	69.28 (62.17-75.6)	81.34 (75.1-86.48)	88.21 (81.3-93.29)
Croatia	74.17 (39.46-94.65)	79.1 (54.5-93.75)	84.13 (74.38-91.1)	89.17 (84.86-92.23)	94.21 (91.2-96.34)	95.85 (93.33-95.53)	96.02 (93.44-97.82)	93.53 (92.51-98.14)
Cuba	73.09 (63.43-80.96)	75.15 (68.83-80.47)	78.25 (72.84-83.66)	76.61 (70.79-81.8)	79.2 (73.64-84.09)	81.35 (76.33-85.53)	82.4 (77.22-86.81)	83.58 (74.84-89.85)
Cyprus	50.23 (34.26-65.2)	72.95 (60.21-83.45)	93.63 (88.1-97.07)	99.16 (98.06-99.73)	99.82 (99.53-99.95)	99.88 (99.67-99.97)	99.92 (99.77-99.98)	99.94 (99.82-99.98)
Czech Republic	95.09 (81.28-99.49)	96.17 (87.41-99.5)	96.71 (90.49-99.29)	97.63 (94.88-99.17)	97.28 (94.99-98.75)	97.42 (94.93-98.59)	98.17 (95.68-99.43)	98.61 (96.2-99.68)
Democratic Republic of the Congo	47.74 (37.18-58.21)	44.36 (36.93-51.86)	34.39 (27.83-41.21)	27.76 (21.96-33.92)	32.89 (26.52-39.5)	59.07 (52.29-65.53)	70.92 (65.65-76.19)	77.43 (68.99-84.19)
Denmark	97.91 (95.45-99.27)	97.87 (95.94-99.05)	97.78 (95.73-98.97)	97.62 (95.56-98.87)	96.79 (94.54-98.26)	93.89 (90.64-96.21)	92.37 (88.68-95.07)	94.1 (90.07-96.82)
Djibouti	11.55 (5.25-21.49)	20.01 (12.62-29.92)	40.56 (32.16-49.25)	36.15 (29.34-43.8)	33.54 (26.96-40.42)	51.03 (43.52-58.71)	59.75 (51.85-67.66)	61.06 (49.23-71.84)
Dominica	84.49 (73.01-92.07)	91 (85.16-95.15)	96.17 (92.83-98.17)	98.6 (97.11-99.46)	99.01 (97.7-99.65)	98.49 (96.8-99.42)	98.42 (96.54-99.42)	98.71 (97.12-99.07)
Dominican Republic	36.1 (25.17-48.42)	50.77 (41.77-59.1)	55.02 (47.66-62.34)	52.72 (45.38-60.01)	56.41 (49.17-62.8)	62.22 (54.74-68.88)	65.69 (59.26-72.11)	69.69 (59.16-79.07)
Ecuador	15.4 (7.75-25.95)	29.71 (19.37-41.55)	54.05 (41.61-65.16)	67.78 (57.22-76.95)	72.57 (62.36-80.63)	72.18 (62.56-80.67)	73.11 (58.05-85.38)	73.11 (58.05-85.38)
Egypt	70.39 (62.53-77.6)	76.12 (70.43-81.31)	81.57 (77.58-85.46)	88.58 (79.43-90.08)	93.52 (91.69-95.03)	94.55 (93.95-9)	95.52 (94.19-96.68)	92.26 (87.74-95.65)
El Salvador	44.74 (33.38-56.26)	52.05 (44.46-60.02)	66.1 (58.07-73.7)	85.58 (79.43-90.08)	91.98 (88.27-94.69)	91.32 (87.3-94.37)	90.91 (86.66-93.97)	92.26 (87.74-95.65)
Equatorial Guinea	16.17 (6.85-31.66)	20.64 (10.58-33.76)	32.46 (21.35-43.98)	52.6 (46.74-58.67)	73.57 (68.53-71.98)	45.18 (36.94-54.07)	43.93 (35.31-53.11)	45.3 (33.53-57.96)
Eritrea	31.48 (15.16-54.91)	31.5 (17.07-48.36)	30.7 (21.05-41.33)	52.6 (46.74-58.67)	73.57 (68.53-71.98)	45.18 (36.94-54.07)	43.93 (35.31-53.11)	45.3 (33.53-57.96)
Estonia	84.42 (74.17-91.5)	82.66 (75.26-88.84)	79.87 (71.61-86.33)	77.97 (70.45-85.12)	92.67 (88.76-95.5)	95.02 (91.81-97.4)	95.33 (92.4-97.45)	95.26 (90.97-97.91)
Ethiopia	6.59 (3.56-11.33)	10.42 (6.69-15.11)	19.47 (14.15-25.67)	37.42 (29.7-45.59)	49.28 (40.99-57.22)	60.66 (52.79-68.16)	82.8 (77.18-87.66)	80.2 (71.24-87.48)
Federated States of Micronesia	45.32 (20.07-73.08)	63.27 (54.36-72.35)	75.67 (71.09-85.37)	82.02 (75.33-87.87)	81.49 (74.17-87.63)	76.38 (69.62-82.53)	80.14 (74.81-84.55)	87.51 (81.94-91.88)
Fiji	46.75 (34.07-60.36)	63.27 (54.36-72.35)	75.67 (71.09-85.37)	82.02 (75.33-87.87)	81.49 (74.17-87.63)	76.38 (69.62-82.53)	80.14 (74.81-84.55)	87.51 (81.94-91.88)
Finland	86.98 (78.59-93.08)	90.57 (84.87-94.65)	94.04 (89.88-96.77)	96.11 (94.92-98.5)	96.46 (93.65-98.06)	97.67 (95.54-98.93)	99.15 (98.15-99.7)	99.4 (98.49-99.82)
France	87.1 (77.56-93.81)	93.21 (87.58-97.05)	96.76 (93.97-98.8)	98.28 (96.77-99.65)	99.11 (98.15-99.7)	99.15 (98.15-99.7)	99.15 (98.15-99.7)	99.4 (98.49-99.82)
Gabon	14.96 (8.71-23.48)	23.21 (17.58-30.09)	36.76 (30.97-42.68)	59.81 (47.28-73.69)	77.97 (71.82-83.29)	73.69 (68.79-79.56)	80.48 (75.04-85.44)	83.87 (75.46-90.31)
Georgia	43.68 (12.81-76.68)	49.13 (24.45-70.68)	59.81 (47.28-73.69)	77.97 (71.82-83.29)	77.97 (71.82-83.29)	73.69 (68.79-79.56)	80.48 (75.04-85.44)	83.87 (75.46-90.31)
Germany	84.4 (73.93-92.11)	82.88 (80.47-92.35)	85.03 (78.73-89.92)	86.9 (80.47-92.35)	93.01 (89.52-95.53)	95.43 (92.54-97.21)	96.2 (93.87-97.79)	96.56 (93.74-98.35)
Ghana	24.48 (17.46-32.47)	32.88 (26.78-38.8)	46.75 (40.2-53.38)	64.97 (59.14-70.41)	75 (70.52-79.37)	84.86 (81.52-87.21)	96.2 (93.87-97.79)	96.56 (93.74-98.35)
Greece	93.11 (85.74-97.26)	95.35 (91.02-97.83)	95.19 (91.5-98.79)	95.17 (91.59-97.68)	96.81 (93.53-98.71)	99.41 (98.59-99.92)	99.72 (99.29-99.92)	99.81 (99.52-99.95)
Greenland	97.81 (95.19-99.16)	97.72 (95.93-98.97)	97.39 (95.18-98.78)	97.93 (96.12-99.03)	96.91 (93.65-98.41)	93.56 (90.		

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Haiti	21.09 (14.24-29.52)	33.03 (26.96-39.81)	43.19 (36.41-49.65)	51.69 (44.18-59.38)	60.94 (53.54-68.38)	71.73 (65.87-77.49)	80.66 (74.86-85.37)	88.65 (82.03-93.33)
Honduras	36.65 (26.08-48.24)	57.62 (49.33-66.82)	77.52 (71.51-82.68)	87.52 (82.92-90.58)	87.52 (83.75-90.58)	89.91 (86.86-92.37)	91.79 (88.84-93.66)	90.91 (85.87-93.43)
Hungary	97.69 (93.94-99.38)	98.35 (96.19-99.48)	98.54 (96.31-99.54)	98.74 (96.27-99.64)	98.84 (97.04-98.66)	98.84 (97.07-99.73)	98.44 (90.85-96.88)	94.09 (89.83-96.97)
Iceland	64.47 (41.12-88.28)	48.8 (45.82-52.17)	55.04 (52.51-62.12)	63.68 (62.51-68.26)	71.34 (68.67-74.04)	73.1 (71.09-75.14)	73.78 (72.22-75.42)	77.43 (75.53-79.1)
India	14.04 (8.76-22.41)	27.69 (22.44-33.32)	58.01 (53.51-62.12)	65.34 (62.51-68.26)	69.76 (65.55-73.71)	69.19 (65.33-72.19)	69.19 (65.33-72.19)	72.48 (68.63-79.29)
Indonesia	57.15 (47.15-65.93)	69.49 (61.59-76.38)	93.29 (90.23-95.45)	99.19 (95.69-99.52)	99.68 (99.46-99.87)	99.75 (99.82-99.95)	99.86 (99.75-99.92)	99.9 (99.82-99.95)
Iraq	31.79 (24.16-41.12)	60.46 (52.62-68.41)	84.73 (80.6-88.25)	88.22 (85.36-90.74)	82.39 (79.02-85.3)	81.09 (77.9-84.76)	81.09 (76.43-84.76)	85.72 (80.89-89.58)
Ireland	72.03 (62.31-80.78)	90.96 (87.43-93.72)	93.42 (90.62-95.66)	95.16 (92.88-96.85)	94.41 (91.85-96.33)	94.22 (91.4-96.27)	95.03 (92.27-97.08)	95.7 (92.03-98.06)
Israel	88.19 (81.75-92.6)	93.38 (88.97-96.33)	93.38 (88.97-96.33)	92.64 (88.49-95.5)	88.76 (84.21-92.42)	90.66 (87.15-93.41)	94.19 (92.46-96.93)	96.6 (93.54-98.43)
Italy	59.83 (47.97-71.75)	74.68 (67.22-84.22)	87.66 (81.44-92.16)	95.76 (91.45-95.47)	96.32 (91.63-97.34)	96.68 (95.19-97.58)	98.24 (97.26-98.76)	99.03 (98.37-99.36)
Jamaica	92.31 (87.91-94.75)	93.92 (91.45-95.24)	94.16 (91.69-96.47)	97.54 (96.41-98.45)	97.6 (96.41-98.45)	98.09 (97.1-98.79)	98.24 (97.65-99.46)	99.44 (98.37-99.36)
Jordan	64.9 (54.84-74.91)	84.18 (78.55-89.34)	93.32 (91.18-95.79)	97.6 (96.41-98.45)	97.6 (96.41-98.45)	98.09 (97.1-98.79)	98.24 (97.65-99.46)	99.44 (98.37-99.36)
Kazakhstan	63.69 (58.98-69.31)	69.57 (62.91-71.81)	78.6 (71.39-80.75)	85.1 (77.37-92.25)	91.65 (86.02-95.41)	92.82 (87.92-96.13)	91.78 (86.02-96.03)	89.08 (83.75-95.83)
Kenya	60.97 (54.33-67.29)	67.48 (62.19-71.81)	69.01 (64.97-71.81)	70.95 (67.12-74.32)	76.58 (73.07-80.31)	82.42 (79.34-84.62)	81.74 (85.35-89.82)	87.74 (85.35-89.82)
Kiribati	23.24 (11.51-37.43)	36.66 (24.58-50.4)	69.26 (55.87-80.5)	82.63 (72.86-89.58)	85.34 (76.63-91.42)	83.66 (74.69-90.28)	88.23 (80.43-93.38)	88.35 (77.66-94.86)
Kuwait	69.16 (61.96-75.39)	89.16 (86.45-91.96)	89.29 (86.45-91.96)	88.94 (86.95-92.7)	89.34 (86.29-91.63)	89.28 (86.09-92.28)	89.34 (86.95-92.42)	93.48 (90.96-94.86)
Kyrgyzstan	52.69 (46.47-56.71)	61.51 (54.29-64.67)	71.62 (57.95-82.57)	74.18 (66.31-80.89)	70.82 (61.72-77.62)	70.38 (62.71-77.39)	78.92 (72.56-84.13)	81.27 (72.26-88.79)
Laos	7.63 (2.47-17.15)	7.68 (3.91-13.54)	13.33 (9.18-18.79)	33.16 (27.08-40.65)	43.82 (37.66-50.79)	53.86 (47.21-60.31)	63.95 (57.8-69.97)	76.08 (66.38-84.29)
Latvia	92.57 (85.28-96.92)	92.41 (88.35-95.38)	93.31 (89.52-96.05)	91.43 (86.54-95.05)	96.16 (93.23-98.07)	95.7 (91.8-97.93)	93.89 (90.2-96.5)	94.62 (89.82-97.52)
Lebanon	72.23 (60.57-81.07)	82.99 (75.74-88.56)	94.79 (92.12-96.82)	98.32 (97.34-99.01)	98.2 (97.08-98.98)	97.77 (96.35-98.72)	99.14 (98.55-99.52)	99.62 (99.35-99.8)
Lesotho	69.11 (58.98-78.16)	73.6 (67.14-79.05)	76.28 (71.01-81.23)	75.08 (70.65-79.22)	76.83 (73.07-80.31)	71.46 (66.94-75.63)	73.54 (69.43-77.47)	74.65 (67.79-81.23)
Liberia	17.32 (10.56-25.77)	19.05 (13.13-26.34)	22.42 (15.04-31.22)	27.65 (19.93-36.23)	39.95 (32.45-47.78)	59.88 (52.28-67.24)	71.87 (64.78-78.25)	75.06 (65.98-83.37)
Lithuania	66.39 (59.09-72.69)	79.32 (74.94-83.24)	89.36 (86.5-91.96)	94.44 (92.58-95.97)	95.84 (93.95-97.25)	97.31 (95.77-98.35)	98.35 (97.33-99.05)	98.24 (96.98-99.04)
Luxembourg	90.1 (80.67-95.83)	90.8 (84.63-94.92)	85.32 (79.05-90.3)	86.09 (80.24-90.79)	93.61 (90.24-95.91)	93.12 (89.43-95.92)	94.13 (90.67-96.51)	94.41 (89.79-97.35)
Macedonia	73.08 (66.58-84.32)	79.36 (65.09-93.71)	83.82 (74.18-91.37)	84.99 (79.58-90.28)	86.1 (81.72-89.86)	85.67 (81.71-88.93)	86.28 (82.04-89.82)	86.05 (79.01-91.72)
Madagascar	13.34 (6.77-23.3)	22.58 (14.91-31.39)	42.81 (34.06-51.79)	56.41 (48.92-63.84)	61.72 (54.5-68.77)	81.78 (77.49-85.31)	84.08 (79.44-85.15)	87 (81.52-91.35)
Malawi	48.37 (36.83-60.33)	65.44 (57.75-72.47)	84.7 (80.26-88.37)	90.23 (87.22-92.83)	92.24 (88.05-95.27)	95.47 (92.48-97.49)	91.79 (87.32-92.65)	96.32 (92.01-98.63)
Malaysia	60.83 (47.56-72.76)	66.2 (57.6-74.23)	75.34 (64.25-83.93)	93.01 (84.74-93.99)	92.24 (88.05-95.27)	95.47 (92.48-97.49)	91.79 (87.32-92.65)	96.32 (92.01-98.63)
Maldives	3.8 (2.11-6.38)	4.69 (3.34-6.42)	10.88 (8.14-14.32)	23.72 (18.91-28.86)	40.5 (34.66-46.16)	63.86 (58.35-69.16)	92.7 (88.41-95.45)	92.89 (86.37-96.76)
Malta	79.77 (65.2-89.82)	84.51 (74.9-91.04)	86.56 (79.42-91.64)	88.1 (81.23-92.79)	88.85 (82.67-93.64)	85.59 (81.76-84.64)	71.89 (67.32-72.65)	92.89 (86.37-96.76)
Marshall Islands	15.3 (3.45-37.07)	17.88 (6.43-34.84)	26.5 (16.19-39.88)	38.8 (30.02-49.7)	43.52 (32.81-54.43)	53.59 (41.76-64.64)	56.04 (44.05-67.65)	74.81 (67.24-81.4)
Mauritania	87.66 (78.82-93.72)	91.23 (83.5-96.5)	28.9 (23.31-35.22)	41.61 (36.06-47.54)	53.73 (47.57-59.88)	66.88 (60.6-72.34)	71.48 (65.67-76.65)	76.2 (68.8-82.9)
Mauritius	87.66 (78.82-93.72)	91.23 (83.5-96.5)	28.9 (23.31-35.22)	41.61 (36.06-47.54)	53.73 (47.57-59.88)	66.88 (60.6-72.34)	71.48 (65.67-76.65)	76.2 (68.8-82.9)
Mexico	66.65 (57.75-72.95)	68.56 (62.59-73.86)	89.23 (84.15-92.98)	82.76 (84.88-93.58)	92.66 (88.34-95.86)	96.88 (93.69-98.49)	98.3 (95.88-99.73)	98.76 (96.2-99.73)
Moldova	92.49 (84.41-97.29)	92.46 (86.46-96.35)	66.48 (61.43-71.11)	79.79 (84.88-93.58)	82.76 (84.88-93.58)	92.66 (88.34-95.86)	96.88 (93.69-98.49)	98.3 (95.88-99.73)
Mongolia	81.35 (69.76-90.33)	76.69 (67.52-83.94)	74.93 (66.48-81.43)	94.38 (90.15-97.21)	95.92 (92.83-97.92)	93.93 (90.46-96.88)	87.67 (79.44-93.32)	90.83 (81.14-96.49)
Montenegro	72.29 (58.76-95.9)	77.42 (60.42-96.67)	82.96 (55.04-96.82)	83.86 (62.31-95.37)	84.46 (72.55-92.96)	90.09 (89.78-95.15)	94.9 (93.46-96.13)	92.3 (87.5-95.74)
Morocco	42.64 (33.48-51.38)	56.36 (49.42-63.03)	73.44 (67.84-78.68)	85.27 (81.71-88.38)	90.95 (87.55-92.36)	93.15 (91.48-94.57)	94.9 (93.46-96.13)	96.19 (94.68-97.45)
Mozambique	32.41 (23.77-41.66)	34.38 (28.31-44.25)	42.84 (37.27-48.65)	57.48 (51.32-63.11)	67.97 (61.95-73.24)	73.94 (69.67-77.93)	75.01 (70.21-79.84)	79.61 (72.54-85.35)
Myanmar	20.61 (11.14-33.3)	26.9 (20.31-34.13)	26.9 (20.31-34.13)	66.79 (59.06-75.66)	90.35 (86.64-93.25)	94.36 (90.47-96.91)	96.92 (93.85-97.48)	98.38 (96.15-99.48)
Namibia	44.23 (26.17-63.37)	57.04 (38.57-63.96)	60.04 (52.68-64.78)	66.79 (59.06-75.66)	90.35 (86.64-93.25)	94.36 (90.47-96.91)	96.92 (93.85-97.48)	98.38 (96.15-99.48)
Nepal	13.42 (6.64-23.5)	20.93 (18.57-38.96)	55.4 (46.27-64.78)	70.53 (62.42-77.91)	77.73 (71.16-83.41)	83.62 (78.62-87.7)	73.55 (67.58-79.3)	78.75 (71.25-85.49)
Netherlands	95.73 (92.31-97.94)	96.68 (94.51-98.16)	97 (95.07-98.23)	97.06 (95.25-98.34)	96.61 (94.56-98.76)	96.67 (94.61-98.17)	96.91 (94.89-98.31)	96.85 (94.46-98.44)
New Zealand	76.83 (63.61-87.04)	79.29 (71.8-85.56)	75.56 (68.32-82.71)	83.22 (76.82-88.27)	85.52 (80.45-89.76)	89.12 (84.75-92.46)	92.41 (88.94-95.03)	94.42 (90.86-96.97)
Nicaragua	67.88 (49.37-82.18)	83.41 (73.41-90.33)	90.7 (84.47-94.84)	93.78 (89.96-97.4)	93.11 (88.1-96.5)	95.64 (92.08-97.99)	98.6 (96.91-99.52)	92.69 (91.44-98.16)
Niger	12.24 (5.61-21.86)	15.92 (9.57-25.61)	22.31 (16.65-29.34)	29.51 (24.51-35.12)	38.8 (32.97-45.31)	64.97 (58.11-70.6)	77.97 (73.2-82.35)	82.69 (76.36-88.26)
Nigeria	20.52 (13.58-28.79)	28.43 (22.75-34.47)	35.02 (28.96-41.24)	33.17 (27.25-39.32)	33.66 (28.44-39.58)	42.04 (37.89-46.49)	55.96 (51.55-60.55)	64.01 (55.03-71.97)
North Korea	55.38 (43.19-66.86)	62.58 (54.13-70.64)	88.39 (79.94-93.91)	98.23 (93.11-99.53)	99.25 (97.53-99.88)	99.54 (98.27-99.94)	99.74 (98.98-99.97)	99.83 (99.3-99.98)
Northern Mariana Islands	84.25 (53.46-98.05)	90.44 (67.27-98.98)	95.24 (82.31-99.51)	98.12 (93.33-99.84)	98.74 (94.94-99.88)	99.04 (96.16-99.29)	99.18 (96.42-99.93)	99.02 (95.85-99.91)
Norway	85.85 (76.18-92.56)	87.17 (82.51-91.25)	87.33 (83.45-90.93)	91.66 (88.26-94.33)	91.58 (88.12-94.28)	93 (90.14-95.29)	94.03 (91.21-96.15)	95.37 (92.37-97.5)
Oman	59.05 (49.95-68.23)	78.1 (70.94-83.94)	97.84 (96.7-98.63)	99.53 (99.22-99.74)	99.78 (99.62-99.88)	99.85 (99.74-99.92)	99.83 (99.71-99.91)	99.9 (99.83-99.95)
Pakistan	24.25 (15.33-35.45)	42.51 (33.27-52.69)	72.33 (64.99-78.9)	76.67 (71.19-81.67)	80.09 (75.58-84.07)	83.02 (78.56-86.76)	83.61 (79.05-87.63)	82.21 (74.81-88.15)
Palestine	85.85 (78.11-91.7)	92.75 (88.78-95.67)	95.57 (93.66-97.08)	96.56 (95.11-97.42)	94.29 (92.58-95.46)	91.85 (89.94-93.4)	91.48 (88.95-93.69)	93.45 (90.48-95.77)
Panama	36.53 (28.44-44.45)	53.47 (45.05-61.86)	53.47 (45.05-61.86)	53.76 (46.06-61.62)	45.43 (37.52-87.7)	79.89 (75.5-84.01)	77.41 (71.39-82.64)	77.58 (68.58-84.84)
Papua New Guinea	55.98 (48.66-69.18)	66.53 (59.37-73.15)	72.59 (66.88-78.35)	81.74 (77.1-85.88)	82.97 (78.2-86.66)	91.85 (89.94-93.4)	91.48 (88.95-93.69)	93.45 (90.48-95.77)
Paraguay	32.8 (22.26-44.94)	56.13 (48.22-63.72)	70.95 (64.24-76.92)	73.26 (69.89-81.67)	75.47 (72.19-83.34)	75.69 (69.18-81.43)	72.03 (65.01-78.35)	72.73 (62.56-81.38)
Peru	37.82 (27.64-49.03)	64.54 (60.69-61.09)	64.54 (60.69-61.09)	89.43 (85.04-92.83)	86.33 (80.9-90.7)	89.67 (85.32-93.06)	88.84 (84.21-92.5)	88.29 (82.64-93.1)
Philippines	46.86 (33.81-60.36)	63.78 (55.19-71.85)	84.26 (78.29-89.14)	89.43 (85.04-92.83)	86.33 (80.9-90.7)	89.67 (85.32-93.06)	88.84 (84.21-92.5)	88.29 (82.64-93.1)
Poland	94.9 (89.32-97.9)	95.72 (91.82-97.52)	95.43 (91.93-97.54)	96.41 (93.75-98.2)	97.9 (95.69-99.15)	97.5 (95.93-99.03)	96.11 (92.94-98.11)	95.61 (91.44-98.16)
Portugal	32.23 (29.03-36.28)	69.56 (60.25-90.07)	76.04 (64.93-93.09)	94.83 (91.11-97.34)	97.9 (95.69-99.15)	97.5 (95.93-99.03)	96.11 (92.94-98.11)	95.61 (91.44-98.16)
Qatar	47.92 (39.03-56.08)	66.17 (55.20-71.85)	79.21 (73.97-83.28)	86.1 (81.98-89.36)	88.51 (84.95-94.36)	88.44 (84.95-94.36)	89.74 (86.97-96.51)	92.45 (81.8-97.42)
Romania	87.94 (69.87-96.78)	93.27 (89.24-96.11)	93.27 (89.24-96.11)	95.38 (92.04-97.76)	96.04 (92.58-98.53)	96.49 (92.88-98.56)	93.93 (89.45-96.68)	92.87 (86.56-96.68)
Russia	30.11 (10.77-59.69)	32.56 (19.54-49.08)	51.26 (42.72-59.52)	60.64 (52.05-68.63)	76.42 (68.76-82.5)	77.44 (72.74-84.67)	78.45 (67.95-86.75)	87.58 (75.95-93.91)
Rwanda	36.58 (22.46-51.94)	48.59 (42.82-60.32)	75.02 (66.05-82.2)	68.31 (59.44-76.55)	76.04 (68.95-82.3)	86.92 (82.2-91.05)	89.18 (84.69-92.91)	89.39 (83.07-93.99)
Saint Lucia	75.42 (61.65-85.91)	81.99 (72.82-88.61)	89.02 (81.79-93.52)	93.98 (89.64-96.71)	91.69 (88.55-95.36)	94.68 (93.79-99.23)	99.07 (97.63-99.74)	99.72 (99.25-99.93)
Saint Vincent and the Grenadines	85.07 (70.68-93.57)	93.09 (85.59-97.25)	98.02 (92.36-38.94)	97.27 (98.19-99.79)	95.5 (98.68-99.03)	99.54 (98.68-99.91)	99.65 (99.09-99.91)	99.72 (99.2

Location_name	1980	1985	1990	1995	2000	2005	2010	2015
Seychelles	82.53 (60.98-95.35)	91.62 (80.69-97.5)	97.06 (92.18-99.22)	99.12 (97.34-99.81)	99.53 (98.51-99.92)	99.66 (98.82-99.95)	99.75 (99.05-99.97)	99.8 (99.22-99.98)
Sierra Leone	9.49 (5.1-15.98)	20.26 (13.09-28.58)	42.92 (33.25-52.3)	51.65 (43.74-59.5)	47.46 (40.25-54.89)	56.83 (49.65-63.8)	71.52 (64.57-77.72)	80.96 (72.58-87.27)
Singapore	82.73 (74.66-88.61)	87.62 (83.94-91.01)	90.11 (86.4-93.09)	95.44 (93.18-97.11)	96.59 (94.61-97.96)	96.63 (94.51-99.37)	97.14 (95.06-98.45)	97.65 (95.73-98.97)
Slovakia	95.37 (83.93-99.45)	96.8 (88.92-99.49)	97.84 (93.92-99.49)	98.27 (95.46-99.45)	98.24 (94.61-97.96)	98.17 (95.49-99.37)	98.12 (95.58-99.38)	98.18 (95.38-99.49)
Slovenia	87.16 (79.68-92.81)	92.33 (88.82-95.17)	95.13 (92.06-97.29)	95.25 (92.35-97.38)	93.93 (90.49-96.31)	94.83 (91.37-97.15)	96.12 (93.16-97.95)	96.56 (92.79-98.58)
Solomon Islands	30.51 (19.96-42.63)	40.84 (32.75-49.12)	60.76 (52.17-68.73)	72.55 (64.56-79.36)	75.68 (68.79-81.89)	75.1 (68.22-81.15)	80.75 (74.12-85.97)	84.32 (75.6-90.87)
Somalia	3.81 (1.73-7.15)	6.95 (4.03-11.14)	11.91 (7.57-18.41)	17.48 (11.02-25.82)	21.34 (16.25-28.93)	24.14 (18.54-31.58)	32.1 (22.18-43.93)	35.28 (21.84-50.8)
South Africa	62.46 (53.96-69.91)	65.29 (59.74-70.61)	66.54 (61.8-70.76)	71.12 (67.15-74.78)	73.94 (68.89-76.8)	79.63 (75.68-83.27)	84.78 (81.56-87.93)	85.28 (81.24-88.61)
South Korea	76.25 (59.52-88.36)	12.24 (4.01-28.66)	82.02 (71.68-90.72)	91.37 (85.15-95.97)	92.16 (10.91-38.48)	29.51 (18.92-42.29)	36.33 (26.44-49.32)	43.54 (34.26-53.7)
South Sudan	11.84 (3.85-28.66)	82.97 (75.38-89.23)	13.34 (4.81-29.71)	91.77 (88.13-94.43)	95.67 (93.97-93.92)	96.94 (95.01-98.34)	97.58 (95.69-98.74)	98.02 (96.08-99.16)
Spain	74.99 (59.84-87.26)	86.93 (81.22-90.38)	95.48 (92.67-97.47)	98.92 (97.52-99.64)	99.6 (98.82-99.92)	99.73 (98.98-99.96)	99.84 (99.42-99.98)	99.9 (99.64-99.99)
Sri Lanka	67.87 (54.07-79.72)	82.97 (75.38-89.23)	95.48 (92.67-97.47)	98.92 (97.52-99.64)	99.6 (98.82-99.92)	99.73 (98.98-99.96)	99.84 (99.42-99.98)	99.9 (99.64-99.99)
Sudan	3.04 (1.87-4.74)	7.53 (5.15-10.3)	27.67 (22.58-33.38)	53.87 (48.5-59.14)	63.1 (58.1-68.07)	67.66 (62.65-72.02)	74.71 (70.28-78.63)	80.52 (75.16-84.77)
Suriname	76.01 (63.82-85.3)	83.85 (76.79-89.23)	85.3 (79.65-89.71)	86.91 (82.13-90.62)	89.43 (85.23-92.57)	93.08 (89.89-95.47)	96.44 (94.05-98.1)	97.92 (95.84-99.14)
Swaziland	46.81 (32.2-62.46)	61.7 (51.49-71.43)	78 (70.89-83.98)	87.73 (83.45-91.56)	84.31 (79.59-88.77)	79.57 (73.39-84.9)	86.86 (82.07-90.77)	92.05 (87.57-95.21)
Sweden	97.94 (95.63-99.1)	98.45 (96.97-99.29)	98.61 (97.07-99.4)	98.91 (97.72-99.5)	98.79 (97.63-99.38)	98.47 (97.15-99.19)	98.34 (97.11-99.08)	98.56 (97.5-99.23)
Switzerland	95.57 (90.52-98.49)	96.03 (92.34-98.2)	95.54 (92.73-97.5)	95.06 (92.66-96.82)	94.39 (92.63-99.32)	94.97 (92.69-96.8)	95.8 (93.58-97.46)	96.6 (94.11-98.29)
Syria	17.6 (12.15-24.84)	35.43 (27.34-44.36)	61.95 (54.52-69.11)	78.88 (73.76-83.41)	83.67 (79.46-87.5)	84.23 (80.02-87.9)	81.41 (75.88-85.94)	90.63 (84.92-94.59)
Taiwan	92.99 (72.27-99.27)	96.86 (87.22-99.71)	99.04 (95.74-99.9)	99.62 (98.44-99.96)	99.77 (99.1-99.98)	99.85 (99.4-99.99)	99.92 (99.65-99.99)	99.92 (99.66-99.99)
Tajikistan	67.09 (35.7-89)	75.01 (57.8-87.13)	79 (70.12-86.15)	79.47 (72.29-85.22)	79.75 (72.73-85.81)	80.15 (72.52-85.84)	85.1 (78.75-90.39)	87.52 (78.47-93.89)
Tanzania	51.51 (38.94-64.5)	63.32 (54.21-72.37)	74.14 (66.94-81.14)	77.33 (71.01-83.56)	81.06 (75.32-85.87)	87.47 (83.54-90.55)	91.93 (89.22-94.17)	90.82 (84.98-94.7)
Thailand	22.42 (14.21-32.05)	49.2 (42.16-56.98)	71.12 (63.91-77.78)	81.09 (74.68-86.32)	85.6 (80.15-89.98)	90.52 (86.8-93.45)	96.27 (93.71-97.96)	97.09 (94.21-98.79)
The Bahamas	59.41 (46.64-72.44)	74.89 (67.14-81.73)	83.08 (76.94-88.21)	88.89 (84.38-92.67)	91.38 (87.5-94.51)	94.19 (90.75-96.45)	93.64 (90.25-97.26)	86.66 (80.53-91.07)
The Gambia	52.55 (42.9-61.91)	64.29 (57.73-70.22)	78.19 (73.26-82.67)	82.18 (78.48-85.57)	81.7 (78.15-85.13)	82.19 (77.79-85.84)	40.04 (32.8-48.78)	49.49 (37.28-62.03)
Timor-Leste	7.89 (1.17-26.91)	8.88 (1.62-27.04)	9.51 (2.82-23.91)	12.97 (7.09-21.27)	18.13 (13.91-22.64)	26.9 (20.46-34.28)	40.04 (32.8-48.78)	49.49 (37.28-62.03)
Togo	50.17 (31.85-67.55)	58.27 (46.28-69.34)	68.86 (62.78-74.26)	63.05 (57.96-68.34)	61.56 (56.45-66.29)	75.26 (71.54-78.86)	81.95 (78.07-85.41)	86.67 (81.03-91.05)
Tonga	53.62 (36.71-36)	74.54 (63.87-83.92)	91.36 (85.22-95.63)	95.74 (91.78-98.13)	96.92 (94.88-92.52)	98.56 (96.3-99.57)	92.3 (88.88-94.78)	93.5 (89.18-96.55)
Trinidad and Tobago	55.63 (44.65-98)	71.53 (64.74-77.57)	82.8 (77.93-87.5)	89.38 (85.64-92.52)	91.44 (88.21-93.91)	91.9 (88.93-94.15)	98.9 (98.24-99.34)	99.34 (98.93-99.63)
Tunisia	67.01 (56.01-76.41)	80.12 (73.36-86.42)	91.22 (87.04-94.31)	96.11 (94.12-97.57)	98.06 (96.92-98.8)	98.49 (97.6-99.09)	92.3 (88.88-94.78)	84.35 (79.54-88.43)
Turkey	42.85 (35.14-50.82)	49.86 (43.24-55.97)	55.3 (49.66-60.46)	60.92 (56.3-65.74)	68.72 (64.49-72.7)	74.09 (69.73-78.22)	85.28 (79.88-89.72)	87.12 (80.49-91.98)
Turkmenistan	65.83 (29.5-90.8)	73.25 (29.93-45.18)	81.04 (70.23-88.82)	85.57 (80.36-90.1)	87.53 (83.90-96)	85.11 (83.09-94.68)	84.54 (79.42-89.18)	69.08 (53.54-81.81)
Uganda	25.29 (16.24-36.72)	37.25 (29.93-45.18)	60.76 (53.85-67.2)	67.66 (60.8-74.16)	96.35 (92.71-98.39)	95.42 (93.56-96.93)	96.92 (95.37-98.08)	97.81 (96.44-98.74)
Ukraine	76.63 (44.63-95.49)	79.97 (66.45-93.79)	89.2 (80.22-95.05)	94.17 (86.31-92.51)	93.02 (90.7-95.07)	90.87 (89.74-91.91)	95.99 (95.2-96.59)	97.04 (96.22-97.68)
United Arab Emirates	41.96 (33.93-50.46)	78.85 (73.4-83.25)	85.9 (81.74-88.94)	89.7 (87.61-93.22)	93.58 (91.38-95.11)	90.87 (89.74-91.91)	92.47 (91.4-93.5)	93.15 (91.35-94.52)
United Kingdom	90.1 (85.83-93.03)	96.66 (93.82-95.66)	97.57 (93.61-91.92)	93.04 (90.72-85.02)	93.86 (92.78-89.61)	95.42 (93.56-96.93)	96.92 (95.37-98.08)	97.04 (96.22-97.68)
United States	90.1 (85.83-93.03)	96.66 (93.82-95.66)	97.57 (93.61-91.92)	93.04 (90.72-85.02)	93.86 (92.78-89.61)	95.42 (93.56-96.93)	96.92 (95.37-98.08)	97.04 (96.22-97.68)
Uruguay	66.58 (54.79-77.31)	76.66 (69.33-82.66)	87.87 (83.21-91.92)	92.73 (89.48-95.2)	93.04 (90.72-85.02)	93.86 (92.78-89.61)	95.42 (93.56-96.93)	96.92 (95.37-98.08)
Uzbekistan	91.09 (77.94-97.15)	90.56 (82.73-95.69)	89.14 (82.94-18)	93.08 (88.3-96.33)	94.33 (91.63-96.44)	97.84 (95.42-99.25)	96.02 (93.51-97.56)	96.45 (93.52-98.25)
Vanuatu	7.23 (2.5-16.55)	16.16 (9.82-24.79)	46.18 (37.59-55.03)	58.27 (49.91-66.33)	97.04 (94.52-96.64)	97.84 (95.42-99.25)	96.02 (93.51-97.56)	96.45 (93.52-98.25)
Venezuela	56.67 (46.83-66.76)	51.55 (44.57-58.29)	51.75 (44.68-58.62)	57.15 (50.46-63.23)	61.86 (55.33-67.67)	59.77 (53.39-66.3)	63.12 (54.62-70.82)	63.1 (50.89-71.09)
Vietnam	17.42 (6.03-34.44)	27.96 (18.92-38.11)	54.05 (46.25-61.56)	68 (62.2-73.51)	71.87 (67.05-76.89)	74.58 (69.52-79.16)	78.13 (73.17-82.59)	81.34 (72.6-88.03)
Virgin Islands, U.S.	55.14 (23.2-83.58)	61.42 (31.61-86.76)	66.56 (37.16-88.45)	73.03 (48.04-91.2)	75.23 (53.84-90.81)	77.79 (58.82-71.46)	76.76 (62.24-87.73)	76.95 (59.39-89.04)
Yemen	2.4 (1.35-3.89)	4.65 (2.88-7.03)	20.72 (14.95-27.92)	45.54 (38.27-53.91)	61.14 (53.76-67.9)	65.39 (58.82-71.46)	68.87 (62.38-75.08)	71.61 (63.73-79.18)
Zambia	47.04 (31.71-62.77)	53.4 (42.88-63.63)	70.29 (64.14-75.72)	75.39 (70.96-79.67)	83.63 (79.58-87.27)	86.03 (82.71-89.39)	81.26 (77.21-85.16)	83.85 (77.44-88.63)
Zimbabwe	65.36 (51.3-77.95)	75.16 (67.83-82.13)	80.23 (74.48-85.42)	75.92 (69.53-81.47)	67.1 (59.89-73.93)	69.27 (63.09-75.61)	79.15 (73.39-84.35)	91.66 (87.23-95.06)

Table 5: Country-level vaccination coverage of Hepb3 by 5 year period from 1980-2015

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Afghanistan							42.35 (38.66-46)	59.57 (53.98-64.95)
Albania					97.39 (95.49-98.65)	98.77 (97.67-99.43)	99.44 (98.75-99.79)	99.7 (99.15-99.91)
Algeria						93.77 (90.27-96.17)	98.07 (97.14-98.73)	99.14 (98.72-99.46)
American Samoa								
Andorra					82.1 (78.95-84.72)	90.53 (88.17-92.25)	95.33 (93.54-96.47)	96.61 (94.49-97.74)
Angola							58.7 (48.99-67.55)	73.41 (61.56-83.3)
Antigua and Barbuda					98.35 (95.83-99.41)	98.98 (97.55-99.63)	99.31 (98.33-99.75)	99.64 (99.01-99.88)
Argentina					62.47 (45.7-76.29)	83.86 (78.06-88.22)	91.84 (88.24-94.5)	94.36 (90.55-97)
Armenia					45.71 (24.67-87)	88.29 (81.11-92.67)	93.57 (90.28-95.72)	96.38 (93.29-98.24)
Australia					92.81 (89.19-93.14)	94.92 (92.18-96.87)	95.6 (93.54-97.21)	96.46 (93.69-98.22)
Austria					80.48 (75.26-84.86)	83.64 (77.99-88.41)	87.75 (80.07-92.87)	92.6 (84.45-97.13)
Azerbaijan						37.24 (28.36-45.47)	68.56 (55.35-79.06)	84.59 (70.55-93.37)
Bahrain					93.14 (90.97-94.99)	94.15 (92.19-95.76)	96.3 (94.79-97.42)	96.89 (95.45-98.04)
Bangladesh					73.73 (47.54-87.23)	81.14 (75.76-85.5)	90.52 (87.71-93.04)	93.17 (89.21-95.78)
Barbados					90 (71.76-97.08)	97.1 (92.69-99.02)	98.57 (87.18-93.44)	93.08 (89.13-95.75)
Belarus					59.57 (55.73-63.14)	88.52 (86.51-90.22)	96.26 (95.05-97.01)	98.08 (97.22-98.53)
Belgium					49.7 (42.59-56.88)	60.45 (54.77-65.86)	65.22 (59.55-70.22)	65.17 (56.8-73.06)
Belize						54.79 (37.2-67.7)	65.1 (46.44-76.24)	79.17 (70.81-85.81)
Benin								
Bermuda								
Bhutan					86.01 (80.6-90.42)	91.46 (87.64-94.54)	94.82 (92.17-97.01)	96.57 (93.95-98.33)
Bolivia					79.76 (72.52-84.13)	86.91 (83.62-89.73)	90.49 (87.32-93.11)	94.18 (90.74-96.53)
Bosnia and Herzegovina					81.53 (73.6-87.43)	88.11 (84.23-91.45)	92.41 (89.07-94.86)	95.14 (91.39-97.65)
Botswana							95.31 (91.41-97.5)	98.1 (96.2-99.23)
Brazil			4.48 (2.95-7.21)		81.09 (75.44-85.05)	96.02 (94.76-96.91)	98 (97.32-98.48)	98.83 (98.4-99.12)
Brunei			90 (15.03-26.63)		95.59 (91.99-97.85)	96.31 (93.07-98.18)	96.94 (93.99-98.68)	98 (95.34-99.28)
Bulgaria		88.08 (82.38-92.02)	91.4 (85.87-95.15)		93.07 (89.52-95.72)	94.04 (91.06-96.3)	93.43 (89.81-95.94)	94.21 (89.89-96.97)
Burkina Faso							87.64 (84.07-90.31)	86.85 (81.26-91.26)
Burundi							94.87 (91.77-96.94)	94.48 (89.81-97.34)
Cambodia							78.4 (72.76-83.5)	87.46 (81.21-92.19)
Cameroon					66.22 (54.65-73.39)	76.48 (71.74-80.89)	83.47 (76.42-89.31)	83.07 (76.42-89.31)
Canada					20.02 (14.33-27.16)	20.02 (14.33-27.16)	40.27 (31.98-48.8)	60.09 (51.04-68.53)
Cape Verde				3.27 (2.03-5.01)	9.11 (5.89-13.43)		93.12 (88.2-96.38)	97.3 (93.76-99.05)
Central African Republic							44.62 (34.08-54.97)	44.62 (34.08-54.97)
Chad							24.57 (19.82-29.78)	35.39 (25.17-46.79)
Chile							93.49 (90.01-95.79)	94.92 (91.35-97.38)
China							99.19 (98.47-99.42)	99.6 (99.25-99.73)
Colombia							92.63 (89.71-94.76)	96.28 (93.81-97.87)
Comoros							71.23 (63.8-77.72)	73.96 (63.55-82.88)
Congo							74.04 (66.32-80.31)	78.11 (68.33-85.62)
Costa Rica					88.88 (84.48-92.16)	90.74 (87.21-93.38)	93.57 (91.23-95.46)	96.37 (94.37-97.81)
Cote d'Ivoire					27.57 (6.42-51.41)	72.24 (63.1-79.36)	86.78 (80.41-91.45)	92.46 (85.64-96.58)
Croatia					93.42 (90.66-95.71)	95.3 (92.89-97.04)	95.99 (93.39-97.6)	96.2 (93.05-98.21)
Cuba					95.45 (92.75-97.41)	96.14 (93.92-97.76)	97.92 (96.47-98.89)	98.98 (98.05-99.54)
Cyprus			93.62 (85.51-97.04)				97.07 (96.64-97.46)	98.53 (98.29-98.73)
Czech Republic			55.22 (51.07-59.35)		89.34 (87.89-90.6)	96.49 (93.53-98.29)	98.15 (95.88-99.28)	98.74 (96.66-99.62)
Democratic Republic of the Congo							65.9 (60.96-70.93)	74.83 (66.03-82.15)
Denmark								
Djibouti							68.42 (61.25-75.38)	71.03 (60.66-81.11)
Dominica							97.71 (93.97-99.12)	98.62 (97.19-99.41)
Dominican Republic					54 (46.17-61.51)	68.05 (61.27-74.16)	70.24 (64.01-75.4)	76.96 (70.2-82.71)
Ecuador					65.98 (42.9-83.58)	95.93 (91.35-98.14)	98.31 (96.95-99.15)	98.39 (96.79-99.24)
Egypt					91.26 (89.03-93.1)	92.81 (90.94-94.36)	94.35 (93.01-95.55)	96.21 (94.95-97.23)
El Salvador					86.47 (81.28-90.34)	88.94 (85.32-91.87)	89.14 (85.31-92.08)	90.75 (86.65-94.19)
Equatorial Guinea								29.19 (17.89-43.59)
Eritrea							95.21 (91.74-97.2)	97.47 (94.64-99)
Estonia					72.39 (36.3-89.99)	88.99 (85.24-92.02)	94.45 (91.04-96.78)	94.89 (90.34-97.55)
Ethiopia							43.49 (31.62-55.24)	55.07 (38.56-70.3)
Federated States of Micronesia					81 (73.81-86.58)	83.51 (76.85-88.91)	81.89 (75.05-87.36)	82.99 (74.15-89.95)
Fiji					79.04 (72.13-84.85)	76.14 (69.03-82.16)	81.73 (76.81-86.09)	88.91 (84.22-92.68)
Finland								
France					27.31 (24.75-29.99)	44.98 (41.78-48.08)	64.1 (61.11-67.09)	77.92 (75.53-80.19)
Gabon							64.26 (57.44-70.86)	73.79 (63.82-82.09)
Gambia							79.74 (72.69-85.08)	85.45 (78.55-91.2)
Georgia					28.63 (12.12-48.23)	61.46 (49.49-71.18)	79.74 (72.69-85.08)	85.45 (78.55-91.2)
Germany					57.51 (52.96-61.78)	83.28 (80.3-85.77)	90.57 (88.07-92.2)	94.17 (91.96-95.42)
Ghana					84.12 (80.15-87.19)	84.12 (80.15-87.19)	92.44 (89.29-94.98)	95.56 (91.96-97.81)
Greece					74.59 (70.37-77.94)	91.35 (89.16-92.8)	95.65 (94.01-96.57)	97.4 (96.04-98.07)
Greenland								
Grenada							97.99 (96.36-99.02)	98.48 (96.98-99.32)
Guam					95.41 (92.6-97.32)	97.05 (95.05-98.37)		
Guatemala							94.68 (92.31-96.64)	94.46 (91.26-96.73)
Guinea							73.12 (65.26-81.13)	72.13 (59.08-82.39)
Guinea-Bissau							80.23 (74.14-85.63)	83.79 (76.7-89.98)
Guyana							91.31 (88.01-93.78)	94.6 (91.79-96.47)

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Haiti					93.1 (91.05-94.73)	93.91 (92.1-95.3)	94.55 (92.78-95.92)	85.49 (79.27-90.42)
Honduras								94.91 (92.53-96.7)
Hungary								
Iceland								
India					47.49 (43.82-51.38)	45.7 (42.91-48.21)	66.76 (64.61-68.89)	81.71 (79.69-83.48)
Indonesia					80.56 (71.13-88.04)	55.2 (51.8-58.33)	60.03 (56.76-63.02)	67.55 (61.73-73.13)
Iran					33.44 (22.13-45.49)	68.79 (97.81-99.31)	99.52 (99.1-99.75)	99.77 (99.59-99.87)
Iraq					14.88 (6.6-25.75)	64.29 (60.35-68.09)	67.41 (63.11-71.64)	75.21 (69.68-80.24)
Ireland							93.5 (90.52-95.57)	95.72 (92.68-97.62)
Israel					95.35 (92.96-97.14)	94.8 (92.2-96.78)	95.35 (92.71-97.38)	96.07 (92.46-98.22)
Italy					78.01 (70.52-84.27)	84.65 (82.05-96.47)	95.87 (93.56-97.51)	95.84 (93.06-97.88)
Jamaica					90.3 (87.14-93.15)	88.75 (82.94-92.37)	94.53 (91.66-96.49)	96.37 (93.68-98.15)
Japan							98.96 (98.48-99.61)	99.38 (99.06-99.61)
Jordan					96.35 (94.78-97.52)	97.97 (96.69-98.44)	98.96 (98.48-99.32)	99.38 (99.06-99.61)
Kazakhstan					62.83 (38.98-80.21)	81.28 (86.15-90.77)	82.32 (86.15-90.77)	95.2 (89.97-98.14)
Kenya							87.65 (85.48-89.43)	91.47 (89.39-93.17)
Kiribati					86.12 (80.24-90.79)	86.8 (80.91-91.67)	90.51 (84.66-94.52)	91.84 (84.93-96.16)
Kuwait					89.45 (86.48-91.91)	80.63 (86.23-91.91)	90.03 (86.95-92.63)	93.94 (91.54-95.82)
Kyrgyzstan					44.69 (26.05-62.98)	80.66 (74.81-85.48)	82.45 (77.31-87.01)	84.75 (77.26-90.79)
Laos							60.94 (54.91-67.4)	78.37 (69.95-85.39)
Latvia					87.87 (72.01-95.14)	94.22 (88.92-97.7)	92.68 (87.67-95.78)	94.31 (89.26-97.26)
Lebanon					89.31 (82.68-93.74)	96.68 (95.13-97.78)	98.97 (98.49-99.35)	99.57 (99.35-99.73)
Lesotho							83.99 (80.92-86.8)	84.9 (79.37-89.31)
Libya							73.7 (64.75-80.95)	75.59 (63.48-84.68)
Lithuania					94.24 (92.06-95.97)	96.82 (95.46-97.88)	98.22 (97.28-98.86)	98.15 (97-98.9)
Luxembourg					88.7 (76.27-94.39)	91.27 (83.65-95.02)	93.79 (90.32-96.34)	94.77 (90.64-97.39)
Macedonia							92.86 (89.59-95.33)	93.81 (89.02-96.83)
Madagascar							81.58 (76.33-86.25)	84.52 (76.24-90.38)
Malawi							90.53 (88.28-92.58)	93.51 (90.65-95.74)
Malaysia					93.32 (90.37-95.53)	94.6 (92.06-96.63)	95.91 (92.92-97.75)	97.92 (95.42-99.16)
Maldives					91.6 (88.15-94.45)	94.96 (92.54-96.62)	95.34 (92.61-97.22)	95.97 (92.23-98.15)
Mali							67.27 (61.47-72.14)	67.08 (58.31-74.66)
Malta							90.57 (83.51-94.8)	95.71 (91.34-97.92)
Marshall Islands					42.35 (32.6-51.73)	49.7 (39.93-59.4)	55.29 (44.5-65.27)	58.16 (43.31-72.1)
Mauritania							68.27 (62.28-74.78)	74.51 (65.73-81.63)
Mauritius					92.26 (88.22-95.28)	96.33 (93.5-98.11)	97.76 (95.6-99.06)	98.36 (96.3-99.41)
Mexico					80.99 (78.35-83.54)	81.51 (78.77-83.97)	80.49 (77.72-83.07)	81.06 (77.29-84.43)
Moldova					89.45 (82.29-94.16)	86.88 (79.59-92.24)	86.88 (79.59-92.24)	91.8 (84.28-96.44)
Mongolia					84.89 (80.09-88.92)	92.13 (89.62-94.16)	93.31 (90.56-95.31)	93.95 (89.97-96.6)
Montenegro							90.22 (85.06-93.78)	91.53 (86.54-94.99)
Morocco					73.59 (61.3-83.24)	91.02 (88.42-93.21)	94.7 (93.18-95.93)	96.48 (95.04-97.48)
Mozambique							74.74 (70.6-78.91)	78.91 (71.82-84.68)
Myanmar							91.42 (87.68-94.26)	94.82 (91.08-97.17)
Namibia							81.77 (76.76-85.68)	85.86 (79.07-90.9)
Nepal							74.11 (66.84-80.05)	81.92 (73.83-88.48)
Netherlands							66.42 (62.97-69.76)	66.42 (62.97-69.76)
New Zealand					87.5 (82.84-91.17)	89.43 (85.34-92.85)	91.61 (88.03-94.25)	93.43 (89.02-96.36)
Nicaragua					87.75 (83.38-91.19)	92.13 (88.55-94.85)	96.46 (94.05-98.06)	98.05 (96.34-99.11)
Niger							75.35 (68.59-81.31)	81.55 (72.69-88.3)
Nigeria							38.58 (33.48-43.68)	48.44 (38.66-58.15)
North Korea							95.95 (92.61-98.01)	98.27 (96.02-99.4)
Northern Mariana Islands								
Norway								
Oman					99.65 (99.46-99.79)	99.75 (99.6-99.85)	99.76 (99.63-99.85)	99.86 (99.78-99.92)
Pakistan							71.92 (66.14-77.28)	71.32 (61.6-79.55)
Palestine								
Panama					81.96 (77.51-85.96)	77.37 (72.29-82.01)	74.48 (68.09-80.15)	78 (69.89-84.83)
Papua New Guinea					49.34 (42.77-55.77)	55.28 (48.52-61.67)	57.17 (50.86-64.02)	61.01 (50.87-70.62)
Paraguay							80 (74.49-84.72)	80.89 (73.1-87.12)
Peru					35.64 (19.65-52.4)	87.71 (79.23-92.48)	93.72 (90.76-96.05)	95.64 (92.86-97.49)
Philippines					20.92 (11.9-32.45)	73.96 (65.6-81.11)	85.41 (79.82-89.71)	87.26 (78.94-92.91)
Poland					39.95 (21.73-60.25)	97.01 (94.48-98.41)	97.45 (95.12-98.64)	97.96 (95.84-99.12)
Portugal					56.17 (52.66-59.77)	90.69 (88.22-92.61)	96.23 (93.99-97.68)	98.32 (96.51-99.33)
Puerto Rico								
Qatar					88.7 (85.16-91.55)	91.78 (88.63-94.2)	98.09 (97.08-98.74)	98.68 (97.87-99.19)
Romania					97.75 (95.32-99.06)	96.96 (93.51-98.77)	95.75 (91.3-98.3)	95.25 (89.64-98.28)
Russia					23.75 (8.34-45.85)	77.59 (70.79-83.15)	81.43 (75.73-86.67)	81.74 (72.4-88.66)
Rwanda							87.47 (82.82-91.32)	86.99 (79.47-92.71)
Saint Lucia							97.78 (96.03-98.87)	98.95 (97.96-99.51)
Saint Vincent and the Grenadines							93.6 (89.59-96.24)	98.95 (97.97-99.91)
Samoa					36.46 (29.04-44.73)	97.77 (93.16-99.5)	99.48 (98.53-99.84)	99.93 (99.29-99.75)
Sao Tome and Principe							27.88 (21.26-35.73)	39.93 (29.29-50.8)
Saudi Arabia					95.94 (95.21-96.6)	73.66 (67.86-82.74)	89.09 (84.79-92.17)	91.53 (86.8-94.8)
Senegal							98.8 (98.46-99.04)	99.25 (99.03-99.42)
Serbia							78.47 (72.49-83.41)	80.86 (71.8-87.94)
							92.96 (89.24-95.52)	95.54 (92.24-97.59)

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Seychelles				98.17 (96.48-99.09)	98.99 (98.05-99.52)	99.45 (98.85-99.75)	99.66 (99.27-99.86)	99.79 (99.5-99.93)
Sierra Leone					96 (93.78-97.4)	96.25 (94.04-97.75)	72.12 (66.84-76.85)	78.08 (70.74-84.41)
Singapore		70.55 (66.39-74.35)	83.47 (79.58-86.74)	93.82 (91.34-95.69)	98.38 (96.66-99.34)	98.29 (96.45-99.31)	97.04 (95.13-98.29)	97.67 (95.5-98.93)
Slovakia								98.52 (96.67-99.47)
Slovenia								
Solomon Islands				71.14 (63.64-77.68)	76.44 (69.04-82.45)	75.43 (68.47-81.26)	80.02 (73.59-85.91)	84.47 (76.61-90.79)
Somalia								26.25 (16.54-38.57)
South Africa				70.79 (66.51-74.91)	70.71 (66.54-74.62)	76.93 (73.06-80.4)	82.5 (78.84-85.43)	83.36 (78.97-86.77)
South Korea		63.82 (52.8-73.28)	70.92 (58.9-80.97)	88.18 (80.04-93.86)	88.55 (80.26-94.08)	94.8 (90.58-97.51)	97.77 (95.28-99.1)	98.98 (97.65-99.67)
South Sudan								42.88 (31.69-54.95)
Spain				77.05 (73.66-80.06)	90.21 (87.72-92.15)	95.77 (93.72-97.19)	97.1 (95.16-98.34)	97.71 (95.67-98.92)
Sri Lanka						99.29 (98.55-99.64)	99.71 (99.33-99.88)	99.85 (99.64-99.94)
Sudan						52.78 (46.67-58.46)	68.68 (64.24-72.8)	77.11 (71.99-81.56)
Suriname						87.74 (82.31-91.44)	92.74 (89.28-95.2)	95.51 (92.62-97.4)
Swaziland					86 (80.06-90.57)	83.38 (77.21-88.63)	90.9 (85.86-94.55)	95.68 (91.97-98.03)
Sweden								33.99 (31.87-35.97)
Switzerland								
Syria				64.63 (52.37-75.3)	88.09 (83.46-91.65)	93.28 (90.66-95.42)	93.02 (90.32-95.12)	91.02 (86.98-94.16)
Taiwan								
Tajikistan								
Tanzania						78.82 (70.15-85.25)	88.58 (84.39-91.71)	91.52 (86.54-95.41)
Thailand			31.57 (20.17-43.15)	70.84 (63.57-77.08)	81.38 (75.7-86)	87.85 (84.26-90.92)	91.08 (88-93.64)	92.02 (87.1-95.66)
The Bahamas						92.56 (86.1-95.88)	90.12 (87.33-92.56)	90.33 (85.5-93.87)
The Gambia							96.12 (92.91-97.96)	97.7 (95.81-98.85)
Timor-Leste			50.09 (21.96-69.17)	59.64 (44.49-70.27)	70.26 (62.03-75.69)	75.56 (70.18-80.61)	80.01 (74.77-83.95)	83.7 (77.17-89.05)
Togo							32.28 (24.72-40.39)	42.88 (31.12-56.33)
Tonga							58.15 (41.97-69.37)	77.42 (68.85-83.61)
Trinidad and Tobago			87.92 (82.56-92.42)	94.12 (90.69-96.53)	96.46 (93.89-98.09)	98.46 (96.96-99.29)	99.09 (97.83-99.67)	99.5 (98.64-99.84)
Tunisia					94.31 (91.22-96.55)	97.6 (96.27-98.56)	98.84 (98.22-99.32)	99.54 (99.28-99.73)
Turkey				84.1 (74.85-91.04)	47.82 (41.1-54.27)	65.97 (61.02-70.91)	77.17 (72.38-81.57)	81.2 (75.65-85.98)
Turkmenistan						89.5 (85.23-92.68)	88.7 (83.47-92.71)	90.23 (83.79-94.67)
Uganda						62.05 (53.9-70.08)	71.23 (62.92-78.51)	76.74 (66.3-85.34)
Ukraine						78.63 (66.38-87.34)	45.96 (32.78-59.14)	52.87 (33.85-69.79)
United Arab Emirates			74.83 (68.98-80.04)	88.45 (85.2-91.32)	91.35 (88.55-93.55)	94.47 (92.58-96.05)	96.63 (95.17-97.71)	97.77 (96.53-98.63)
United Kingdom								
United States		42.5 (36.85-48.19)	56.68 (51.88-61.39)	77.1 (74.4-79.52)	88.11 (86.75-89.36)	90.8 (89.76-91.7)	91.64 (90.61-92.57)	92.74 (90.98-94)
Uruguay					94.2 (91.53-96.3)	94.87 (92.05-96.82)	95.95 (93.44-97.68)	96.53 (93.6-98.45)
Uzbekistan					35.68 (16.91-57.21)	82.35 (71.12-89.89)	97.52 (94.44-99.07)	99.34 (98.23-99.8)
Vanuatu					59.47 (52.16-66.61)	57.56 (50.44-64.04)	63.56 (56.49-70.46)	64.37 (53.21-74.41)
Venezuela				52.82 (45.56-60.09)	34.7 (22.05-47.1)	68.66 (62.61-74.13)	73.43 (67.31-78.84)	77.15 (69.7-83.45)
Vietnam					66.3 (59.06-72.54)	72.18 (66.81-76.83)	76.68 (72.05-81.43)	81.01 (73.67-87.38)
Virgin Islands, U.S.								
Yemen					18.94 (13.05-25.82)	59.53 (54.32-64.54)	68.38 (62.26-73.93)	71.95 (64.73-78.57)
Zambia						84.37 (80.81-87.52)	84.4 (81.25-87.27)	87.5 (82.26-91.58)
Zimbabwe				28.36 (10.5-51.07)	68.23 (53.94-79.03)	84.63 (78.38-89.62)	90.39 (85.22-94.01)	97.03 (94.55-98.64)

Table 6: Country-level vaccination coverage of Hib3 by 5 year period from 1980-2015

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Afghanistan							43.63 (40.01-47.49)	59.67 (54.06-65.03)
Albania							99.42 (98.62-99.81)	99.68 (99.12-99.91)
Algeria							98.85 (98.25-99.28)	99.33 (98.94-99.59)
American Samoa								
Andorra					87.7 (83.12-91.04)	95.37 (92.97-97.03)	97.48 (95.69-98.62)	98 (95.85-99.16)
Angola							58.72 (49.02-67.55)	73.41 (61.56-83.29)
Antigua and Barbuda					88.5 (75.91-95.68)	92.93 (84.29-97.61)	97.92 (94.52-99.4)	99.51 (98.46-99.87)
Argentina					80.15 (71.02-86.69)	91.16 (86.86-94.3)	92.73 (89.41-95.31)	94.52 (90.74-97.15)
Armenia							47.46 (33.85-61.13)	92.03 (79.23-97.07)
Australia				88.47 (81.31-93.3)	92.87 (89.3-95.59)	94.95 (92.23-96.94)	95.63 (93.55-97.2)	96.49 (93.77-98.24)
Austria				87.06 (82.8-90.52)	83.42 (77.96-87.89)	83.88 (78.25-88.63)	87.82 (80.11-92.95)	92.62 (84.46-97.16)
Azerbaijan					78.83 (68.37-86.29)	92.79 (89.49-94.91)	96.1 (94.58-97.26)	84.16 (70.24-93.06)
Bahrain							90.81 (88.02-93.32)	96.85 (95.42-98.01)
Bangladesh							90.26 (86.43-93.22)	93.2 (89.03-95.78)
Barbados					61.28 (33.99-81.74)	86.13 (77.42-90.89)	90.26 (86.43-93.22)	93.01 (89.03-95.78)
Belarus							82.22 (30.02-99.05)	95.03 (64.75-99.82)
Belgium				53.11 (42.82-63.11)	84.65 (78.85-89.08)	96.01 (93.81-97.52)	98.44 (97.22-99.15)	99.1 (98.2-99.53)
Belize						60.64 (55.1-66.05)	65.24 (59.49-70.21)	65.17 (56.8-73.16)
Benin						10.72 (8.09-13.72)	50.46 (42.75-57.78)	77.63 (68.52-84.2)
Bermuda								
Bhutan								
Bolivia					81.17 (77.68-84.3)	87.1 (83.88-89.74)	90.54 (87.57-93.16)	96.54 (93.92-98.29)
Bosnia and Herzegovina						83.82 (71.1-91.08)	88.31 (78.87-93.58)	94.19 (91.01-96.52)
Botswana								92.84 (85.37-96.62)
Brazil					95.23 (94.22-96.01)	97.77 (97.02-98.33)	98.55 (97.97-98.95)	99.56 (96.86-99.46)
Brunei						96.31 (93.08-98.2)	96.97 (94.03-98.72)	99 (98.58-99.27)
Bulgaria							91.9 (86.88-94.98)	98.01 (95.36-99.29)
Burkina Faso							88.05 (85.55-90.44)	93.24 (88.55-96.48)
Burundi							94.87 (91.73-96.92)	86.92 (81.26-91.32)
Cambodia					89.62 (85.37-92.92)		78.13 (72.3-83.17)	94.48 (89.8-97.34)
Cameroon							76.66 (71.96-80.83)	87.36 (81.21-92.08)
Canada							86.47 (81.48-90.49)	83.51 (76.46-89.55)
Cape Verde				86.08 (79.72-90.79)	87.56 (82.27-91.87)	86.69 (81.59-90.94)	93.63 (88.85-96.7)	89.08 (82.67-93.63)
Central African Republic							54.87 (48.08-62.15)	97.49 (94.2-99.09)
Chad							13.29 (6.41-21.11)	34.67 (24.71-45.87)
Chile					93.66 (90.73-95.93)	93.98 (90.65-96.22)	93.76 (90.22-96.04)	94.99 (91.41-97.46)
China								
Colombia					73.66 (69.37-77.36)	87.4 (84.46-89.97)	92.64 (89.8-94.71)	96.24 (93.77-97.83)
Comoros							71.05 (63.68-77.61)	73.92 (63.52-82.84)
Congo							74.03 (66.3-80.32)	78.1 (68.3-85.63)
Costa Rica					89.83 (86.95-92.26)	92.72 (90.26-94.6)	94.62 (92.6-96.18)	96.56 (94.63-97.93)
Cote d'Ivoire							86.82 (80.4-91.39)	92.49 (85.64-96.57)
Croatia							93 (88.82-95.93)	96.15 (93.1-98.18)
Cuba					80.17 (67.84-88.97)		90.81 (83.06-95.18)	98.75 (97.4-99.46)
Cyprus							79.63 (73.45-85.39)	97.83 (96.8-98.61)
Czech Republic							94.26 (91.91-96.17)	98.76 (96.73-99.64)
Democratic Republic of the Congo							98.27 (96.14-99.34)	97.83 (96.8-98.61)
Denmark							66.42 (61.43-71.52)	74.88 (66.05-82.19)
Djibouti							92.64 (88.98-95.44)	94.63 (91.06-97.19)
Dominica							67.5 (60.35-74.4)	70.95 (60.58-80.99)
Dominican Republic							95.68 (86.52-98.78)	98.27 (96.01-99.31)
Ecuador							67.21 (58.53-73.91)	76.03 (67.82-82.19)
Egypt							97.44 (96.2-98.32)	98.43 (96.92-99.22)
El Salvador							89.21 (85.45-92.04)	1.97 (0.79-4.03)
Equatorial Guinea								90.77 (86.68-94.22)
Eritrea							89.21 (85.43-92.15)	29.23 (17.92-43.75)
Estonia							95.19 (91.63-97.23)	97.45 (94.65-99.01)
Ethiopia							89.23 (56.51-96.59)	93.08 (71.91-97.79)
Federated States of Micronesia							44.47 (32.04-56.21)	55.18 (38.65-70.49)
Fiji					55.68 (40.19-69.51)	66.96 (54.4-77.05)	67.66 (56.28-76.23)	74.39 (61.68-83.47)
Finland					76.17 (67.03-83.08)	75.55 (68.03-81.76)	81.61 (76.59-86.02)	88.87 (84.22-92.65)
France			89.74 (85.63-93.05)	94.95 (92.45-96.68)	96.87 (94.96-98.14)	97.85 (96.01-98.9)	98.87 (97.34-99.38)	99.06 (97.79-99.62)
Gabon				86.05 (81.53-89.86)	88.39 (84.77-91.42)	95.16 (93.15-96.59)	97.38 (95.79-98.39)	98.42 (97.16-99.16)
Georgia							64.17 (57.43-70.58)	73.75 (63.73-82.02)
Germany					84.59 (78.39-89.54)	94.28 (91.06-96.61)	96.5 (93.91-98.04)	82.52 (73.32-89.31)
Ghana						84.28 (80.62-87.31)	92.52 (89.42-95)	97.81 (95.53-98.96)
Greece					85.26 (79.49-89.94)	87.34 (82.44-91.1)	92.94 (90.21-95.07)	95.61 (92.03-97.83)
Greenland						92.62 (88.61-95.43)	92.53 (88.8-95.36)	97.55 (96.04-98.49)
Grenada					47.17 (30.64-64.51)	90.65 (75.63-96.61)	97.49 (95.11-98.84)	94.86 (91.24-97.27)
Guam								98.43 (96.92-99.31)
Guatemala								
Guinea							94.17 (91.48-96.31)	94.46 (91.23-96.73)
Guinea-Bissau							74.64 (66.34-81.98)	72.22 (59.16-82.47)
Guyana							80.49 (74.72-85.67)	83.85 (76.72-89.97)
							91.29 (87.93-93.79)	94.6 (91.79-96.51)
							87.91 (83.89-90.96)	

Location_name	1980	1985	1990	1995	2000	2005	2010	2015
Haiti						94.06 (92.29-95.45)	94.58 (92.82-95.98)	85.56 (79.42-90.6)
Honduras					93.93 (92.03-95.51)	94.06 (92.29-95.45)	94.58 (92.82-95.98)	94.92 (92.54-96.71)
Hungary					98.6 (96.81-99.49)	98.72 (97.21-99.55)	98.83 (97.57-99.58)	99.19 (97.98-99.77)
Iceland			98.25 (96.34-99.27)		97.19 (94.46-98.77)	95.76 (92.51-97.74)	94.43 (91.05-96.89)	94.12 (90.18-96.92)
India								84.58 (82.78-86.23)
Indonesia								44.7 (36.21-52.08)
Iran								99.73 (99.41-99.89)
Iraq								75.01 (69.6-80.33)
Israel								95.84 (92.8-97.72)
Ireland					82.81 (77.75-86.97)	90.24 (86.98-92.9)	93.72 (90.74-95.8)	96.03 (92.42-98.18)
Italy					94.01 (91.59-95.78)	94.5 (91.86-96.45)	95.26 (92.61-97.31)	96.03 (92.42-98.18)
Japan					20.89 (15.48-26.8)	92.33 (89.55-94.36)	95.24 (92.97-96.91)	95.58 (92.78-97.59)
Jamaica						85.45 (73.13-91.49)	94.21 (90.6-96.48)	96.29 (93.37-98.09)
Jordan								99.17 (98.6-99.43)
Kazakhstan						94.1 (89.11-96.68)	98.62 (97.78-99.16)	99.34 (98.98-99.58)
Kenya							85.6 (70.41-93.44)	94.42 (88.37-97.79)
Kiribati						86.05 (83.6-88)	88.73 (86.54-90.49)	91.61 (89.52-93.3)
Kuwait					89.64 (86.61-92.1)	89.35 (86.26-91.89)	90.03 (83.58-93.91)	91.62 (84.79-95.99)
Kyrgyzstan							82.44 (77.26-87.02)	93.94 (91.53-95.85)
Laos							62.72 (56.52-69.35)	84.73 (77.27-90.85)
Latvia							90.56 (87.51-96.21)	93.2 (78.7-97.44)
Lebanon					78.44 (65.1-87.43)	91.11 (70.24-97.1)	99.07 (98.57-99.43)	99.59 (99.36-99.76)
Lesotho						97.61 (96.4-98.49)	99.07 (98.57-99.43)	99.59 (99.36-99.76)
Liberia							83.97 (81.03-86.66)	84.89 (79.39-89.35)
Libya							73.79 (64.91-80.86)	75.64 (63.46-84.72)
Lithuania						56.51 (34.9-76)	89.24 (97.29-98.88)	84.89 (79.39-89.35)
Luxembourg							89.67 (59.88-96.28)	92.5 (70.68-97.37)
Madagascar						99.3 (98.76-99.6)	99.66 (99.3-99.82)	99.78 (99.5-99.9)
Malawi					98.15 (97.15-98.89)		77.9 (64.02-87.32)	91.13 (84.3-95.6)
Malaysia							80.4 (75-84.93)	84.37 (76.08-90.28)
Maldives							94.55 (87.96-97.58)	97.7 (94.53-99.21)
Mali							66.86 (61.35-71.69)	95.73 (91.76-98.05)
Malta						53.23 (42.14-62.05)	91.36 (84.25-95.67)	67.1 (58.27-74.83)
Marshall Islands					83.06 (76.19-88.21)		46.89 (34.67-57.85)	96.48 (92.06-98.72)
Mauritania					34.35 (23.12-44.82)	40.23 (29.67-50.5)	69.17 (62.77-74.85)	52.84 (38.16-66.72)
Mauritius							97.44 (94.49-98.98)	74.56 (65.75-81.63)
Mexico					81.27 (78.62-83.78)		81.19 (78.41-83.82)	98.23 (95.83-99.35)
Moldova							69.52 (36.78-86.67)	81.49 (77.73-84.88)
Mongolia							93.37 (90.69-95.37)	84.41 (43.64-95.23)
Montenegro						92.45 (89.5-94.49)	92.59 (88.01-95.58)	93.95 (89.98-96.59)
Morocco							86.89 (76.24-92.75)	94.31 (90.12-96.99)
Mozambique							74.66 (70.54-78.85)	95.59 (93.46-97.02)
Myanmar								78.88 (71.81-84.66)
Namibia								94.58 (89.37-97.33)
Nepal							81.84 (76.86-85.74)	85.87 (79.06-90.88)
Netherlands							75.71 (69.09-81.27)	82.05 (73.95-88.53)
New Zealand					95.48 (93.4-96.99)	96.35 (94.26-97.85)	96.74 (94.77-98.15)	96.68 (93.89-98.41)
Nicaragua					84.88 (79.97-89)	89.08 (84.95-92.4)	91.45 (87.9-94.09)	93.37 (88.93-96.28)
Niger						92.15 (88.55-94.84)	96.46 (94.04-98.04)	98.05 (96.34-99.1)
Nigeria							75.62 (69.36-81.44)	81.61 (72.8-88.28)
North Korea								48.77 (38.96-58.42)
North Mariana Islands								97.75 (95.53-98.87)
Norway					93.5 (90.46-95.78)			
Oman							94.17 (91.3-96.27)	95.61 (92.36-97.77)
Pakistan						99.62 (99.16-99.82)	99.71 (99.49-99.85)	99.84 (99.71-99.92)
Palestine							72.21 (66.43-77.59)	71.36 (61.69-79.54)
Panama								
Papua New Guinea						77.38 (72.3-82.07)	74.49 (68.07-80.21)	78.01 (69.9-84.81)
Paraguay							57.17 (50.76-64.03)	61 (50.87-70.62)
Peru						82.49 (77.58-86.83)	79.96 (74.42-84.72)	80.89 (73.11-87.16)
Philippines						88.27 (84.9-91.14)	93.74 (90.89-95.84)	95.63 (92.87-97.43)
Poland							71.68 (36.65-87.09)	85.38 (73.83-92.26)
Portugal						65.91 (43.66-84.31)	94.94 (87.99-98.23)	98.43 (96.45-99.44)
Portugal						96.59 (94.3-98.01)	97.54 (95.31-98.76)	98.37 (96.55-99.36)
Puerto Rico						92.18 (84.18-96.58)	93.45 (87.54-97.21)	95.55 (91.2-98.1)
Qatar						91.98 (88.88-94.38)	98.1 (97.07-98.75)	98.68 (97.84-99.18)
Romania							95.32 (90.88-98.1)	95.08 (89.55-98.12)
Russia								74.21 (39.02-86.88)
Rwanda							87.45 (82.83-91.3)	86.98 (79.46-92.7)
Saint Lucia						86.01 (81.11-89.82)	97.28 (94.38-98.7)	98.86 (97.74-99.48)
Saint Vincent and the Grenadines						89.71 (77.94-95.03)	97.07 (89.33-99.57)	99.52 (98.34-99.88)
Samoa						68.95 (47.85-87.1)	27.08 (20.53-35.1)	39.85 (29.11-50.73)
Sao Tome and Principe							90 (86.91-92.57)	91.72 (87.27-94.86)
Saudi Arabia						97.68 (97.11-98.14)	98.81 (98.47-99.06)	99.26 (99.02-99.43)
Senegal						50.41 (38.62-60.87)	76.74 (70.37-82.42)	80.79 (71.65-87.9)
Serbia							91.78 (83.8-95.65)	95.69 (92.42-97.87)

Location_name	1980	1985	1990	1995	2000	2005	2010	2015
Seychelles							99.43 (97.49-99.92)	99.66 (98.63-99.95)
Sierra Leone							72.21 (66.91-76.86)	78.11 (70.9-84.47)
Singapore								96.54 (94.41-97.77)
Slovakia					68.82 (53.44-80.66)	96.47 (92.77-98.51)	98.01 (96-99.17)	98.45 (96.57-99.42)
Slovenia				94.91 (91.36-97.39)	93.49 (90.15-95.96)	94.34 (90.8-96.56)	95.98 (93.46-97.77)	96.69 (94.05-98.52)
Solomon Islands							80.01 (73.62-85.86)	84.45 (76.61-90.74)
South Africa					70.88 (66.61-74.82)	77.52 (73.79-80.99)	82.91 (79.2-85.88)	83.48 (79.08-86.88)
South Korea								98.62 (97.39-99.3)
South Sudan							42.94 (31.71-55.08)	49.99 (37.9-55.08)
Spain							97.38 (95.44-98.61)	97.9 (95.84-99.11)
Sri Lanka					94 (91.49-95.93)	96.48 (94.44-97.92)	99.45 (97.59-99.93)	99.73 (98.9-99.96)
Sudan							69.1 (64.63-73.21)	77.14 (72.01-81.59)
Suriname						85.02 (73.36-90.54)	89.18 (82.95-93.48)	94.82 (91.21-97.09)
Swaziland							90.87 (85.77-94.46)	95.66 (91.98-97.99)
Sweden				98.11 (96.87-98.81)	98.3 (97.06-98.95)	98.17 (96.83-98.95)	98.08 (96.79-98.91)	98.35 (97.09-99.11)
Switzerland			76.37 (69.25-81.66)	83.76 (79.82-87.22)	88.94 (85.83-91.55)	92.87 (90.29-94.95)	94.92 (92.45-96.59)	96.15 (93.26-98.02)
Syria							94.17 (91.53-96.23)	91.61 (87.63-94.76)
Taiwan					98.4 (97.41-98.75)	99.38 (98.67-99.63)	99.72 (99.38-99.85)	99.82 (99.52-99.94)
Tajikistan							83.71 (74.73-89.33)	90.98 (85.22-94.99)
Tanzania							91.01 (87.94-93.57)	92 (87.08-95.61)
Thailand								
The Bahamas					89.11 (81.89-93.28)	94.57 (91-96.82)	97.14 (95.12-98.42)	98.03 (96.47-99.03)
The Gambia					73.24 (68.53-77.71)	76.1 (71.07-81.12)	80.27 (74.99-84.19)	83.87 (77.48-89.36)
Timor-Leste								42.75 (31.12-55.57)
Togo							65.45 (55.97-72.57)	77.71 (70.09-83.55)
Tonga						98.5 (96.86-99.41)	99.07 (97.85-99.68)	99.48 (98.54-99.84)
Trinidad and Tobago					36.9 (23.59-49.17)	56.51 (48.8-62.39)	58.7 (52.92-64.18)	63.66 (55.7-71.62)
Tunisia								97.38 (93.9-99)
Turkey							77.89 (73.17-82.33)	81.41 (75.84-86.22)
Turkmenistan							61.84 (49.37-72.32)	85.83 (75.16-92.53)
Uganda							71.27 (62.96-78.56)	76.74 (66.31-85.33)
Ukraine						62.63 (54.26-70.78)	45.86 (24.83-64.54)	48.23 (13.83-71.05)
United Arab Emirates					92.17 (89.63-94.39)	94.98 (93.13-96.47)	96.73 (95.24-97.82)	97.79 (96.55-98.66)
United Kingdom					93.22 (91.5-94.45)	94.3 (93.28-95.15)	95.77 (94.97-96.48)	96.93 (96.08-97.56)
United States					91.96 (87.26-90.89)	90.85 (89.15-92.1)	91.81 (90.38-93.02)	93.33 (91.43-94.69)
Uruguay							95.85 (93.39-97.68)	96.5 (93.57-98.43)
Uzbekistan					91.29 (86.65-94.6)	94.42 (91.29-96.54)	98.91 (97.34-99.67)	99.48 (98.59-99.87)
Vanuatu								64.35 (53.18-74.31)
Venezuela					51.77 (47-56.62)	69.07 (62.96-74.61)	73.46 (67.29-78.79)	77.16 (69.75-83.45)
Vietnam							46.27 (34.06-57.56)	78.77 (69.46-86.35)
Virgin Islands, U.S.								
Yemen						55.64 (44.85-63.13)	68.19 (61.92-73.75)	71.92 (64.7-78.56)
Zambia						84.57 (81-87.7)	84.42 (81.21-87.29)	87.5 (82.26-91.57)
Zimbabwe							90.44 (85.34-94.05)	97.04 (94.58-98.63)

Table 7: Country-level vaccination coverage of PCV3 by 5 year period from 1980-2015

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Afghanistan								55.54 (49.46-61.23)
Albania								99.68 (99.13-99.88)
Algeria								
American Samoa								
Andorra							93.08 (89.35-95.79)	
Angola								92.64 (88.61-95.64)
Antigua and Barbuda								64.61 (53.26-74.61)
Argentina								88.95 (84.42-92.42)
Armenia								44.75 (38.17-52.04)
Australia						93.7 (90.28-95.97)	95.13 (92.87-96.77)	96.19 (93.42-97.96)
Austria								46.75 (37.45-55.65)
Azerbaijan								96.02 (92.93-97.72)
Bahrain							72.45 (45.64-89.25)	59.83 (53.93-65.25)
Bangladesh							69.65 (38.84-86.95)	92.43 (88.23-95.32)
Barbados								
Belarus							87.46 (82.33-91.38)	94.38 (91.51-96.41)
Belgium								79.87 (71.96-86.25)
Belize								
Benin								
Bermuda								
Bhutan								
Bolivia								78.93 (50.37-92.37)
Bosnia and Herzegovina								
Botswana								94.57 (86.38-98.12)
Brazil							67.35 (66.99-67.62)	98.5 (98.09-98.77)
Brunei								
Bulgaria							82.66 (76.53-87.56)	93.85 (89.5-96.67)
Burkina Faso								86.83 (81.22-91.25)
Burundi								94.48 (89.8-97.35)
Cambodia								59.21 (54.83-62.64)
Cameroon								83.49 (76.46-89.6)
Canada								77 (66.3-85.68)
Cape Verde						58.82 (41.08-73.82)	65.61 (53.1-76.42)	
Central African Republic								43.23 (33.14-53.27)
Chad								
Chile								90.06 (86.16-93.34)
China								
Colombia							63.51 (43.41-79.67)	95.47 (92.92-97.35)
Comoros								
Congo								77.34 (67.7-84.65)
Costa Rica							85.47 (75.69-91.72)	95.96 (93.86-97.56)
Cote d'Ivoire								62.08 (37.75-80.87)
Croatia								
Cuba								
Cyprus							74.15 (61.57-83.36)	90.8 (85.21-94.63)
Czech Republic								
Democratic Republic of the Congo								70.42 (61.69-78.12)
Denmark							91.04 (87.6-94.06)	94.01 (90.4-96.65)
Djibouti								70.93 (60.59-80.92)
Dominica								
Dominican Republic								25.2 (6.59-55.67)
Ecuador							36.83 (16.42-61.54)	97.84 (95.34-99)
Egypt							76.82 (65.39-84.3)	90.49 (86.35-93.91)
El Salvador								
Equatorial Guinea								78.25 (67.58-86.05)
Eritrea								
Estonia								51.2 (36.39-65.69)
Ethiopia							30.22 (14.56-50.14)	80.61 (71.86-87.92)
Federated States of Micronesia								88.33 (83.82-92.06)
Fiji							87.92 (81-92.87)	93.99 (90.6-96.6)
Finland							85.45 (78.73-90.57)	91.93 (87.23-95.06)
France								
Gabon								19.18 (14.87-24.09)
Gambia								49.2 (35.7-62.4)
Georgia							21.28 (13.54-30.73)	94.84 (91.42-97.22)
Germany							68.77 (56.46-79.02)	88.36 (82.17-92.77)
Ghana							88.96 (82.88-92.82)	94.67 (91.11-97.14)
Greece								
Greenland								
Grenada								
Guam								
Guatemala								87.12 (80.66-91.89)
Guinea								50.32 (26.47-71)
Guinea-Bissau								94.42 (91.65-96.35)
Guyana								

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Seychelles								
Sierra Leone							75.77 (71.21-79.71)	78.05 (70.82-84.33)
Singapore							98.14 (96.29-99.16)	98.55 (96.8-99.5)
Slovakia								93.31 (89.82-96.05)
Slovenia								35.2 (15.95-57.53)
Solomon Islands								
Somalia								
South Africa							42.24 (30.73-53.52)	83.03 (78.71-86.57)
South Korea								96.9 (95.4-97.75)
South Sudan								
Spain								
Sri Lanka								
Sudan								
Suriname								73.93 (65.52-79.85)
Swaziland								
Sweden							91.75 (89.54-93.46)	88.26 (69.97-95.09)
Switzerland							61 (51.21-70.47)	72.08 (62.6-80.68)
Syria								
Taiwan						4.92 (4.82-5.02)	41 (40.48-41.54)	87.27 (86.92-87.53)
Tajikistan								
Tanzania								90.68 (85.82-94.31)
Thailand								
The Bahamas							8.57 (3.32-17.72)	93.44 (86.06-97.21)
The Gambia							74.24 (61.91-81.33)	83.87 (77.48-89.31)
Timor-Leste								
Togo								68.05 (55.03-77.6)
Tonga								
Trinidad and Tobago								
Tunisia								59.69 (49.25-67.93)
Turkey								
Turkmenistan							76.83 (71.38-81.66)	81.33 (75.69-86.21)
Uganda								69.59 (59.04-78.85)
Ukraine								
United Arab Emirates							96.04 (93.02-97.64)	97.79 (96.58-98.67)
United Kingdom							89.93 (88.26-91.2)	94.88 (93.92-95.65)
United States					44.3 (36.56-51.74)	87.17 (85.25-88.8)	92.88 (91.81-93.76)	93.89 (92.07-95.18)
Uruguay							90.2 (86.34-93.35)	96.25 (93.32-98.13)
Uzbekistan								25.88 (20.53-31.98)
Vanuatu								
Venezuela								33.14 (14.82-52.88)
Vietnam								
Virgin Islands, U.S.								
Yemen								71.8 (64.53-78.48)
Zambia								84.13 (78.85-88.66)
Zimbabwe								93.15 (87.33-96.66)

Table 8: Country-level vaccination coverage of RotaC by 5 year period from 1980-2015

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Afghanistan								
Albania								
Algeria								
American Samoa								
Andorra								60.19 (46.63-72.08)
Angola								
Antigua and Barbuda								59.21 (43.4-73.46)
Argentina								95.38 (92.43-97.29)
Armenia							79.51 (74.04-84.69)	92.91 (89.74-95.11)
Australia							66.65 (60.75-70.63)	89.63 (81.77-94.03)
Austria								
Azerbaijan							75.31 (64.92-83.91)	95.38 (93.66-96.81)
Bahrain								
Bangladesh								
Barbados								
Belarus							71.23 (70.25-71.97)	93.62 (92.76-94.02)
Belgium								
Belize								
Benin								
Bermuda								
Bhutan								
Bolivia							78.07 (67.91-85.67)	93.96 (90.66-96.25)
Bosnia and Herzegovina								92.72 (85.12-97.17)
Botswana							85.07 (83.78-86.26)	98.39 (97.98-98.67)
Brazil								
Brunei								
Bulgaria								85.97 (80.35-90.43)
Burkina Faso								94.37 (89.72-97.18)
Burundi								
Cambodia								71.51 (63.4-78.95)
Cameroon								30.5 (11.2-56.98)
Canada							4.26 (1.05-11.47)	
Cape Verde								
Central African Republic								
Chad								
Chile								
China								
Colombia							81.35 (76.81-85.68)	95.93 (93.49-97.52)
Comoros								74.83 (64.95-82.35)
Congo								
Costa Rica								
Cote d'Ivoire								
Croatia								
Cuba								
Cyprus								
Czech Republic								
Democratic Republic of the Congo								
Denmark								70.76 (60.44-80.7)
Djibouti								
Dominica								73.28 (66.84-79)
Dominican Republic								98.36 (96.87-99.16)
Ecuador							95.29 (90.93-97.82)	
Egypt								
El Salvador							88.29 (84.46-91.19)	90.78 (86.7-94.24)
Equatorial Guinea								
Eritrea								96.29 (93.18-98.19)
Estonia								60.47 (38.01-79.99)
Ethiopia								54.86 (38.46-70.3)
Federated States of Micronesia							17.89 (10.19-27.89)	75.4 (66.39-83.04)
Fiji								87.98 (83.35-91.74)
Finland							68.97 (67.8-69.77)	92.69 (91.45-93.26)
France								
Gabon								
Georgia								76.27 (69.08-81.92)
Germany								53.49 (52.05-54.49)
Ghana								95.07 (91.42-97.31)
Greece								38.98 (38.12-39.7)
Greenland								
Grenada								
Guam								
Guatemala							57.59 (51.5-63.41)	93.44 (90.21-95.74)
Guinea								73.22 (65.07-80.77)
Guinea-Bissau								94.38 (91.52-96.27)
Guyana							68.46 (59.95-75.54)	

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Haiti								71.34 (64.1-77.92)
Honduras							84.93 (81.19-88.2)	94.83 (92.46-96.61)
Hungary								
Iceland								
India								
Indonesia								
Iran								63.27 (55.13-70.41)
Iraq								
Ireland								
Israel							52.46 (50.77-53.81)	88.45 (85.09-90.48)
Italy								
Jamaica								
Japan								
Jordan								84.58 (74.72-91.06)
Kazakhstan								
Kenya								78.91 (74.6-82.36)
Kiribati								68.53 (53.58-80.2)
Kuwait								
Kyrgyzstan								
Laos								
Latvia								66.37 (38.47-85.06)
Lebanon								
Lesotho								
Liberia								
Libya								
Lithuania								98.02 (96.85-98.78)
Luxembourg								
Macedonia							72.68 (72.08-73.23)	93.99 (93.71-94.18)
Madagascar								76.58 (66.6-84.11)
Malawi								91.23 (87.8-93.9)
Malaysia								
Maldives								
Mali								33.94 (24.46-44.42)
Malta								
Marshall Islands							30.35 (20.26-42.09)	57.78 (43.08-71.56)
Mauritania								41.21 (29.41-52.51)
Mauritius								68.98 (59.76-77.35)
Mexico							79.19 (76.51-81.8)	81.22 (77.46-84.62)
Moldova								78.03 (63.55-87.87)
Mongolia								
Montenegro								
Morocco							32.02 (21.55-45.09)	92.44 (89.56-94.61)
Mozambique								61.36 (45.85-72.5)
Myanmar								
Namibia								76.74 (48.02-87.84)
Nepal								
Netherlands								
New Zealand								48.28 (38.15-58.33)
Nicaragua							95.18 (92.74-96.93)	98.04 (96.32-99.1)
Niger								60.87 (51.1-70.32)
Nigeria								
North Korea								
Northern Mariana Islands								
Norway								32.58 (31.35-33.55)
Oman								
Pakistan								
Palestine								
Panama							71.9 (65.61-77.62)	77.98 (69.88-84.78)
Papua New Guinea								
Paraguay							58.24 (53.22-63.17)	80.28 (72.55-86.51)
Peru							63.44 (43.26-79.22)	94.18 (90.02-96.75)
Philippines								84.89 (76.61-90.54)
Poland								
Portugal								
Puerto Rico							66.11 (55.19-75.2)	93.11 (89-95.84)
Qatar							83.11 (75.38-88.97)	96.84 (95.35-97.9)
Romania								
Russia								
Rwanda								86.96 (79.39-92.67)
Saint Lucia								
Saint Vincent and the Grenadines								
Samoa								
Sao Tome and Principe								
Saudi Arabia								94.06 (92.22-95.58)
Senegal								75.7 (67.06-83.1)
Serbia								

location_name	1980	1985	1990	1995	2000	2005	2010	2015
Seychelles								
Sierra Leone								75.03 (67.39-81.09)
Singapore								
Slovakia								
Slovenia								
Solomon Islands								
Somalia							46.1 (34.29-56.59)	82.87 (78.43-86.33)
South Africa								
South Korea								
South Sudan								
Spain								
Sri Lanka								75.19 (70.18-79.67)
Sudan								
Suriname								75.01 (48.28-90.47)
Swaziland								37.32 (36.68-37.82)
Sweden								
Switzerland								
Syria								
Taiwan								
Tajikistan								81.06 (75.4-85.87)
Tanzania								91.77 (86.72-95.34)
Thailand								
The Bahamas								
The Gambia								83 (76.65-88.32)
Timor-Leste								69.37 (61.45-76.27)
Togo								
Tonga								
Trinidad and Tobago								
Tunisia								
Turkey								
Turkmenistan								
Uganda								
Ukraine								
United Arab Emirates								95.48 (93.49-96.97)
United Kingdom								83.13 (82.37-83.72)
United States							51.31 (45.08-57.48)	81.38 (76.13-85.44)
Uruguay								
Uzbekistan								98.4 (97.5-98.98)
Vanuatu								
Venezuela							60.35 (54-66.43)	76.74 (69.35-82.98)
Vietnam								
Virgin Islands, U.S.								66.15 (58.65-73.27)
Yemen								84.44 (78.62-89.1)
Zambia								93.56 (85.91-97.36)
Zimbabwe								