

## Global epidemiology and genotype distribution of the hepatitis C virus - Appendix

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**Supplementary Tables**

**Supplementary Table 1. Scoring (scale of 0-10) for how well a study can be extrapolated to the general population.**

**Geographic Scope**

			4		9	10 <sup>†</sup>
<b>National</b>	0	3	Meta-analysis - 4	6	Model - 6 Meta-Analysis - 5	
<b>Large Region Multi-Region Multi-City Large City</b>	0	1	2-3 <sup>‡</sup>	4-5 <sup>‡</sup>	6-8 <sup>‡</sup>	
<b>Small Region/Town Village Tribe Hospital</b>	0	0	1	1	2	

<b>Population →</b>	<b>High risk, any sampling method</b>	<b>Healthy adults, self-selected</b>	<b>Healthy adults, self-selected</b>	<b>Healthy adults, randomly selected</b>	<b>General population, randomly selected</b>
	- <b>IVDUs</b> - <b>HIV</b> - <b>Surgical patients</b>	- <b>Blood donors</b>	- <b>Health check-up patients</b> - <b>Screening</b>	- <b>Health care workers</b> - <b>Pregnant women</b> - <b>Soldiers</b>	

**Supplementary Table 2. HCV prevalence (anti-HCV and viremic), data quality scores and data sources.**

Country	anti-HCV (%)	Year of Study	Type of estimate	Data Quality (0-3)	Data Source						
					Low	High	Viremic	Prevalence	Low	High	Viremic Rate
Afghanistan	1.10	2003-2011	PS	2	0.63	1.90	58.1	[1]	[1]	[1]	[2]
Albania	-	-	-	-	0.60	-	-	-	[3, 4]	-	-
Algeria	1.40	2011 <sup>a</sup>	PS	1	0.24	2.50	-	[5]	[5]	[5]	-
Andorra	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Antigua and Barbuda	-	-	-	-	-	-	-	-	-	-	-
Argentina	1.50	2013	NE	1	0.52	2.50	80.0	[6]	[7]	[8]	[9]
Armenia	-	-	-	-	-	-	-	-	-	-	-
Australia	1.66 <sup>b</sup>	2013	ME	2	1.20	1.85	74.6	[10-12]	[11]	[11]	[13]
Austria	0.50 <sup>b</sup>	2013	NE	1	0.10	0.70	73.4	[11, 12, 14]	[14]	[15]	[14]
Azerbaijan	3.05	2010	NE	1	0.95 <sup>c</sup>	6.70 <sup>c</sup>	-	[16]	[17]	[18]	-
Bahamas, The	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Bangladesh	1.26 <sup>b</sup>	2010	PS	1	0.20	2.23	77.8	[19]	[20]	[21]	[19]
Barbados	-	-	-	-	-	-	-	-	-	-	-
Belarus	1.26	2006 <sup>a</sup>	NE	1	0.86 <sup>c</sup>	2.85 <sup>c</sup>	69.0	[22]	[23]	[24]	[22]
Belgium	0.93 <sup>b</sup>	2013	PS	1	0.12	1.23	80.0	[11, 12, 25]	[26]	[27]	[28]
Belize	-	-	-	1	-	-	-	-	-	-	-
Benin	3.60	2009-2010	PS	1	3.60	12.80 <sup>c</sup>	-	[29]	[29]	[30]	-
Bhutan	-	-	-	-	-	-	-	-	-	-	-
Bolivia	-	-	-	-	0.33	-	-	-	[7]	-	-
Bosnia and Herzegovina	-	-	-	-	-	-	-	-	-	-	-
Botswana	-	-	-	-	-	-	-	-	-	-	-
Brazil	1.58 <sup>b</sup>	2005-2009	NS	3	1.12	1.64	80.5	[31]	[31]	[31]	[32]
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-	-
Bulgaria	1.08	1999-2000	PS	1	0.31	2.40	-	[33]	[34]	[35]	-
Burkina Faso	-	-	-	-	1.75	-	-	-	[36]	-	-
Burundi	-	-	-	-	-	-	-	-	-	-	-
Cambodia	2.30	2007-2009	PS	1	2.30	14.70	75.8	[37]	[37]	[38]	[37]
Cameroon	11.60	2003	PS	1	4.30	29.7	-	[39]	[39]	[39]	-
Canada	1.13 <sup>b</sup>	2013	ME	2	0.61	1.34	74.0	[11, 12, 40]	[40]	[40]	[40]
Cape Verde	-	-	-	-	-	-	-	-	-	-	-
Central African Republic	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
Chile	-	-	-	-	0.03	-	-	-	[7]	-	-
China	1.30 <sup>d</sup>	2013 <sup>e</sup>	PS	2	0.39	1.96 <sup>b</sup>	60.0	[41-49]	[50, 51]	[41]	[52]

Country	anti-HCV (%)	Year of Study	Type of estimate	Data Quality (0-3)	Data Source							
					Low	High	Viremic	Prevalence	Low	High	Viremic Rate	
Colombia	-	-	-	-	0.55	-	-	-	-	[7]	-	-
Comoros	-	-	-	-	-	-	-	-	-	-	-	-
Congo, Democratic Republic of the	4.30	1990	PS	1	3.20	13.70	-	[53]	[53]	[54]	-	-
Congo, Republic of the	-	-	-	-	-	-	62.0	-	-	-	-	[55]
Costa Rica	-	-	-	-	0.62	-	-	-	[7]	-	-	-
Côte d'Ivoire	3.30	1995-1996	PS	1	0.80	12.80 <sup>c</sup>	-	[56]	[57]	[30]	-	-
Croatia	-	-	-	-	-	-	-	-	-	-	-	-
Cuba	-	-	-	-	0.63	-	-	-	[7]	-	-	-
Cyprus	0.56	2000-2001	PS	1	0.45	1.87 <sup>b</sup>	71.4	[58]	[58]	[59]	[58]	[58]
Czech Republic	0.66 <sup>b</sup>	2013	NE	1	0.20	0.70	70.0	[11, 12]	[60]	[11]	[11]	[11]
Denmark	0.72 <sup>b</sup>	2013	PS	2	0.48	0.72	62.6	[11, 12, 61]	[61]	[61]	[61]	[61]
Djibouti	-	-	-	-	0.30	-	-	-	[62]	-	-	-
Dominica	-	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-	0.29	-	-	-	[7]	-	-	-
Ecuador	-	-	-	-	0.35	-	-	-	[7]	-	-	-
Egypt	14.70	2008	NS	3	10.30	18.00	67.7	[63]	[63]	[63]	[63]	[63]
El Salvador	-	-	-	-	0.13	-	-	-	[7]	-	-	-
Equatorial Guinea	-	-	-	-	-	19.2	60.3	-	-	[64]	[64]	[64]
Eritrea	-	-	-	-	0.57	-	-	-	[65]	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Ethiopia	1.25 <sup>b</sup>	2000-2002	PS	2	0.70	5.80	-	[66]	[67]	[68]	-	-
Fiji	-	-	-	-	-	-	-	-	-	-	-	-
Finland	0.68 <sup>b</sup>	2013	NE	1	0.60 <sup>c</sup>	0.90 <sup>c</sup>	-	[69]	[70]	[70]	-	-
France	0.58 <sup>b</sup>	2013	NS	3	0.45	1.10	65.0	[11, 12, 71]	[11, 12, 71]	[71]	[72]	[72]
Gabon	11.20	2005-2008	PS	2	2.10	20.70	90.0	[73]	[74]	[74]	[74]	[74]
Gambia, The	2.10	2002	PS	1	1.40	2.90	-	[75]	[75]	[75]	-	-
Georgia	6.70	2001-2002	PS	2	5.60	7.30	-	[18]	[16]	[76]	-	-
Germany	0.56 <sup>b</sup>	2013	NE	3	0.30	0.90	66.7	[11, 12]	[77]	[78]	[77]	[77]
Ghana	-	-	-	-	-	-	-	-	-	-	-	-
Greece	1.87	2011	PS	3	0.50	2.61	-	[59]	[79]	[59]	-	-
Grenada	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	0.65	-	-	-	[7]	-	-	-
Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Guinea-Bissau	-	-	-	-	-	-	-	-	-	-	-	-
Guyana	-	-	-	-	-	-	-	-	-	-	-	-
Haiti	-	-	-	-	-	-	-	-	-	-	-	-
Honduras	-	-	-	-	0.52	-	-	-	[7]	-	-	-
Hungary	0.80	2010	NE	1	0.40	2.70	84.6	[80]	[81]	[82]	[82]	[82]

Country	anti-HCV (%)	Year of Study	Type of estimate	Data Quality (0-3)	Data Source							
					Low	High	Viremic	Prevalence	Low	High	Viremic Rate	
Iceland	-	-	-	-	-	-	-	-	-	-	-	-
India	0.84 <sup>d</sup>	2013 <sup>e</sup>	PS	2	0.44	1.00	80.8	[83-92]	[91]	[86]	[83]	[83]
Indonesia	0.80	2007	NE	1	0.40	2.00 <sup>c</sup>	65.7	[93]	[94]	[95]	[96]	[96]
Iran, Islamic Republic of	0.50	2006	PS	2	0.20	1.00	81.8	[97]	[98, 99]	[100]	[101]	[101]
Iraq	3.21	2002 <sup>a</sup>	PS	1	0.30	3.21	-	[102]	[103]	[102]	-	-
Ireland	1.11 <sup>b</sup>	2012	PS	2	0.67	1.60	75.0	[11, 12, 104]	[104]	[104]	[104]	[104]
Israel	1.96	2011	NE	2	0.90	1.96	75.5	[16]	[105]	[16]	[16]	[16]
Italy	2.00	2013	NE	1	1.60	7.30	73.0	[106]	[107]	[107]	[107]	[108]
Jamaica	-	-	-	-	-	-	-	-	-	-	-	-
Japan	1.45	2011	NE	1	0.49	2.20	78.1	[109]	[110]	[110]	[111, 112]	[111, 112]
Jordan	-	-	-	-	-	-	-	-	-	-	-	-
Kazakhstan	3.30	2010	NE	1	1.00	6.70 <sup>c</sup>	-	[16]	[113]	[18]	-	-
Kenya	-	-	-	-	0.20	-	-	-	[114]	-	-	-
Kiribati	-	-	-	-	-	-	-	-	-	-	-	-
Korea, Democratic People's Republic of	-	-	-	-	-	-	-	-	-	-	-	-
Korea, Republic of	0.78	2009	NS	3	0.23	2.07	56.1	[115]	[115]	[115]	[115]	[115]
Kuwait	-	-	-	-	0.80	-	-	-	[116]	-	-	-
Kyrgyzstan	2.45	2010	NE	1	1.60	6.70 <sup>c</sup>	-	[16]	[117]	[18]	-	-
Lao People's Democratic Republic	-	-	-	-	1.10	-	-	-	[118]	-	-	-
Latvia	2.40	2008	PS	2	1.70	3.30	71.4	[119]	[119]	[119]	[119]	[119]
Lebanon	-	-	-	-	0.40	-	-	-	[120, 121]	-	-	-
Lesotho	-	-	-	-	-	-	-	-	-	-	-	-
Liberia	-	-	-	-	-	-	-	-	-	-	-	-
Libya	1.20	2004-2005	NS	3	1.20	2.30	-	[122]	[122]	[123]	-	-
Lithuania	2.85	2010	NS	2	0.74	3.01	-	[24]	[24]	[24]	-	-
Luxembourg	0.91 <sup>b</sup>	2013	NE	1	0.56 <sup>c</sup>	0.93 <sup>c</sup>	-	[124]	[11, 12]	[11, 12, 25]	-	-
Macedonia	-	-	-	-	-	-	-	-	-	-	-	-
<b>Madagascar</b>	1.20	2004	PS	2	0.75	1.72	68.0	[125]	[125]	[125]	[125]	[125]
Malawi	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	1.50	2011 <sup>a</sup>	NE	1	0.30	7.70	71.9	[126]	[126]	[127]	[128]	[128]
Maldives	-	-	-	-	-	-	-	-	-	-	-	-
Mali	-	-	-	-	0.20	-	-	-	[129]	-	-	-
Malta	-	-	-	-	-	-	-	-	-	-	-	-
Marshall Islands	-	-	-	-	-	-	-	-	-	-	-	-
Mauritania	1.90	2011 <sup>a</sup>	PS	1	1.10	10.70	-	[5]	[5]	[5]	-	-
Mauritius	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	1.40	2000	NS	3	1.10	1.60	76.6	[130]	[130]	[130]	[8]	[8]
Micronesia, Federal States of	-	-	-	-	-	-	-	-	-	-	-	-
Moldova, Republic of	4.46	2010	NE	1	2.30	4.46 <sup>c</sup>	-	[16]	[131]	[16]	-	-

Country	anti-HCV (%)	Year of Study	Type of estimate	Data Quality (0-3)	Data Source						
					Low	High	Viremic	Prevalence	Low	High	Viremic Rate
Mongolia	10.80	2010	NE	3	8.70	15.60	69.6	[132]	[133]	[134]	[132]
Montenegro	-	-	-	-	-	-	-	-	-	-	-
Morocco	1.58	2005-2011	NS	3	0.62	1.93	70.9	[135]	[135]	[136]	[135]
Mozambique	-	-	-	-	0.80	-	-	-	[137]	-	-
Myanmar	1.69	2007-2009	PS	1	0.95	2.66 <sup>c</sup>	55.6	[37]	[138]	[139]	[37]
Namibia	-	-	-	-	-	-	-	-	-	-	-
Nepal	-	-	-	-	0.47	-	-	-	[140]	-	-
Netherlands	0.22	2009	ME	2	0.07	0.37	-	[141]	[141]	[141]	-
New Zealand	1.87 <sup>b</sup>	2013	NE	1	0.81	2.15	-	[142]	[142]	[142]	-
Nicaragua	-	-	-	-	0.20	-	-	-	[7]	-	-
Niger	-	-	-	-	1.18	-	-	-	[143]	-	-
Nigeria	8.40 <sup>d</sup>	2013 <sup>e</sup>	PS	2	3.90	12.80	82.2	[30, 144-154]	[144]	[30]	[146]
Norway	0.70	2000-2001	PS	2	0.60	0.90	79.5	[70]	[70]	[70]	[70]
Oman	-	-	-	-	0.45	-	-	-	[155]	-	-
Pakistan	6.68 <sup>b</sup>	2007-2008	NS	3	1.64 <sup>c</sup>	9.99 <sup>c</sup>	87.4	[156]	[156]	[156]	[157]
Palestine	-	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	0.58	-	-	-	[7]	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Paraguay	-	-	-	-	0.40	-	-	-	[7]	-	-
Peru	1.16	2002 <sup>a</sup>	PS	2	0.44	1.56 <sup>c</sup>	-	[158]	[7]	[31]	-
Philippines	0.94	2002-2004	PS	2	0.33	2.00	-	[159]	[159]	[95]	-
Poland	0.86	2009	PS	2	0.59	1.14	70.0	[23]	[23]	[23]	[23]
Portugal	1.81 <sup>b</sup>	2013	PS	1	0.47	2.87	-	[11, 12, 160]	[160]	[160]	-
Puerto Rico	2.30	2005-2008	NS	3	1.30	4.20	-	[161]	[161]	[161]	-
Qatar	0.89	2008-2009	PS	2	0.50 <sup>c</sup>	1.45 <sup>c</sup>	-	[162]	[97]	[109]	-
Romania	3.23	2006-2008	NS	3	2.94	3.55	91.3	[163]	[163]	[163]	[163]
Russian Federation	4.10	2010 <sup>a</sup>	NE	1	1.16	5.60	-	[164]	[165]	[166]	-
Rwanda	-	-	-	-	-	-	-	-	-	-	-
Saint Lucia	-	-	-	-	-	-	-	-	-	-	-
Saint Vincent and the Grenadines	-	-	-	-	-	-	-	-	-	-	-
Samoa	0.15	2002	PS	2	0.15	0.94 <sup>c</sup>	-	[167]	[167]	[159]	-
São Tomé and Príncipe	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	1.45	2011	NE	1	0.60	7.30	51.6	[109]	[168]	[169]	[169]
Senegal	-	-	-	-	1.40	-	-	-	[170]	-	-
Serbia	-	-	-	-	0.20	-	-	-	[171]	-	-

Country	anti-HCV (%)	Year of Study	Type of estimate	Data Quality (0-3)	Data Source							
					Low	High	Viremic	Prevalence	Low	High	Viremic Rate	
Seychelles	-	-	-	-	-	-	-	-	-	-	-	-
Sierra Leone	-	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-	-
Slovakia	1.42 <sup>b</sup>	2010-2011	NE	3	0.88	1.98	49.2	[172]	[173]	[173]	[172]	-
Slovenia	-	-	-	-	-	-	-	-	-	-	-	-
Solomon Islands	-	-	-	-	-	-	-	-	-	-	-	-
Somalia	-	-	-	-	0.60	-	-	-	[174]	-	-	-
South Africa	1.70	2005	PS	2	0.98	2.48	-	[175]	[175]	[175]	-	-
Spain	1.73 <sup>b</sup>	2013	NE	2	0.40	2.64	68.6	[11, 12]	[176]	[177]	[177]	-
Sri Lanka	-	-	-	-	0.34	-	-	-	[178]	-	-	-
Sudan	-	-	-	-	0.65	-	-	-	[179]	-	-	-
Suriname	-	-	-	-	-	-	-	-	-	-	-	-
Swaziland	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	0.66 <sup>b</sup>	2013	PS	2	0.47	0.69	77.0	[180]	[11]	[11]	[11, 181-183]	-
Switzerland	1.53 <sup>b</sup>	2013	ME	2	0.70	1.75	-	[184]	[185]	[184]	-	-
Syrian Arab Republic	-	-	-	-	0.95	-	-	-	[186]	-	-	-
Taiwan	4.40	1996-2005	PS	2	2.50	6.30	74.5	[187]	[188]	[189]	[189]	-
Tajikistan	3.06	2010	NE	1	1.10 <sup>c</sup>	6.70 <sup>c</sup>	-	[16]	[1]	[18]	-	-
Tanzania, United Republic of	-	-	-	-	-	-	-	-	-	-	-	-
Thailand	2.69 <sup>b</sup>	2004	PS	2	1.84	3.66	62.7	[139]	[139]	[139]	[190]	-
Timor-Leste	-	-	-	-	-	-	-	-	-	-	-	-
Togo	-	-	-	-	-	-	-	-	-	-	-	-
Tonga	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
Tunisia	1.27 <sup>b</sup>	2012	PS	1	0.31	2.46	80.0	[191]	[191]	[191]	[191]	-
Turkey	0.95	2009	PS	3	0.60	2.10	82.0	[17]	[192]	[193]	[192]	-
Turkmenistan	5.55	2010	NE	1	1.10 <sup>c</sup>	6.70 <sup>c</sup>	-	[16]	[1]	[18]	-	-
Uganda	-	-	-	-	-	-	-	-	-	-	-	-
Ukraine	3.58	2010	NE	1	0.86 <sup>c</sup>	4.46 <sup>c</sup>	-	[16]	[23]	[16]	-	-
United Arab Emirates	-	-	-	-	0.11	-	68.0	-	[194]	-	[194]	-
United Kingdom	0.59 <sup>b</sup>	2013	ME	2	0.35	1.20	68.5	[195]	[196]	[197]	[198]	-
United States of America	1.30	2003-2010	NS	3	1.20	2.40	76.9	[199]	[199]	[200]	[199]	-
Uruguay	-	-	-	-	0.37	-	-	-	[7]	-	-	-
Uzbekistan	11.30	1999-2000	PS	2	6.40	13.10	39.2	[201]	[201]	[201]	[202]	-
Vanuatu	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	1.50	1999 <sup>a</sup>	PS	2	0.32	2.63	-	[203]	[7]	[204]	-	-
Viet Nam	-	-	-	-	0.17	-	68.0	-	[205]	-	[206]	-
Yemen	2.21 <sup>b</sup>	2010-2011	PS	2	1.10	3.50	-	[207]	[208]	[209]	-	-
Zambia	-	-	-	-	-	-	-	-	-	-	-	-

Country	anti-HCV (%)	Year of Study	Type of estimate	Data Quality (0-3)	Data Source						
					Low	High	Viremic	Prevalence	Low	High	Viremic Rate
Zimbabwe	1.60	1998 <sup>a</sup>	PS	1	1.00	9.13	-	[210]	[210]	[211]	-

ME, modeled estimate; NE, national estimate; NS, national surveillance study; PS, published studies

<sup>a</sup> The year of study was not stated and was assumed to be two years prior to publication.

<sup>b</sup> The source estimate was adjusted for the adult population, individuals aged  $\geq 15$  years.

<sup>c</sup> Source estimate from neighboring country, or country in the same GBD region, applied.

<sup>d</sup> Estimate represents a meta-analysis of all studies after 2000 that were representative the general population.

<sup>e</sup> Year of estimate for meta-analysis was assumed to 2013.



**Supplementary Table. 3. HCV genotype, data quality scores and data sources, by country.**

Country	Genotype									Data Quality	Data Source	
	1a (%)	1b (%)	Mixed/Other (%) <sup>a</sup>	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	Other (%)			
Afghanistan	-	-	-	-	-	-	-	-	-	-	-	-
Albania	6.0	50.0	-	20.0	8.0	16.0	-	-	-	1	[212]	
Algeria	12.2	57.0	-	11.3	10.0	4.7	0.9	-	4.0	2	[213]	
Andorra	-	-	-	-	-	-	-	-	-	-	-	
Angola	-	-	-	-	-	-	-	-	-	-	-	
Antigua and Barbuda	-	-	-	-	-	-	-	-	-	-	-	
Argentina	21.7	40.9	0.9	24.7	10.6	1.3	-	-	-	3	[214]	
Armenia	5.0	36.0	-	18.0	37.0	-	-	-	3.0	2	[215]	
Australia	20.4	17.2	16.9	5.2	36.8	1.9	-	1.6	-	3	[216]	
Austria	20.3	51.6	-	5.0	19.0	4.0	-	0.1	-	2	[11, 217]	
Azerbaijan	-	-	-	-	-	-	-	-	-	-	-	
Bahamas, The	-	-	-	-	-	-	-	-	-	-	-	
Bahrain	-	-	-	-	-	-	-	-	-	-	-	
Bangladesh	-	-	-	-	-	-	-	-	-	-	-	
Barbados	-	-	-	-	-	-	-	-	-	-	-	
Belarus	5.1	53.8	-	-	38.5	2.6	-	-	-	1	[22]	
Belgium	-	50.4	8.6	6.0	19.0	14.0	2.0	-	-	2	[218-220] <sup>b</sup>	
Belize	-	-	-	-	-	-	-	-	-	-	-	
Benin	-	-	-	-	-	-	-	-	-	-	-	
Bhutan	-	-	-	-	-	-	-	-	-	-	-	
Bolivia	-	-	-	-	-	-	-	-	-	-	-	
Bosnia and Herzegovina	4.0	69.3	-	4.0	21.3	1.3	-	-	-	1	[221]	
Botswana	-	-	-	-	-	-	-	-	-	-	-	
Brazil	31.0	33.4	0.4	4.6	30.2	0.2	0.1	-	-	3	[222, 223] <sup>b</sup>	
Brunei Darussalam	-	-	-	-	-	-	-	-	-	-	-	
Bulgaria	-	-	-	-	-	-	-	-	-	-	-	
Burkina Faso	3.1	9.4	-	56.3	15.6	3.1	-	-	12.5	1	[224]	
Burundi	-	-	-	-	-	-	-	-	-	-	-	
Cambodia	-	24.0	-	-	20.0	-	-	56.0	-	1	[37]	
Cameroon	-	-	-	-	-	-	-	-	-	-	-	
Canada	34.1	20.1	5.7	15.4	22.3	2.3	-	-	-	2	[225]	
Cape Verde	-	-	-	-	-	-	-	-	-	-	-	
Central African Republic	-	-	8.6	8.6	-	82.2	-	-	-	1	[226]	
Chad	-	-	-	-	-	-	-	-	-	-	-	
Chile	7.8	72.7	-	2.0	16.5	0.6	0.3	0.1	-	2	[227]	
China	1.4	56.8	-	24.1	9.1	-	-	6.3	2.1	2	[228]	
Colombia	5.7	82.8	-	8.5	2.8	-	-	-	-	-	[229]	
Comoros	-	-	-	-	-	-	-	-	-	-	-	
Congo, Democratic Republic of the	-	-	-	-	-	-	-	-	-	-	-	
Congo, Republic of the	-	-	-	3.2	-	96.8	-	-	-	1	[55]	

Country	Genotype									Data Quality	Data Source
	1a (%)	1b (%)	Mixed/Other (%) <sup>a</sup>	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	Other (%)		
Costa Rica	-	-	-	-	-	-	-	-	-	-	-
Côte d'Ivoire	-	-	-	-	-	-	-	-	-	-	-
Croatia	13.1	37.4	8.3	2.2	35.6	3.4	-	-	-	2	[230]
Cuba	17.0	81.0	-	-	-	-	-	-	2.0	1	[231]
Cyprus	-	-	-	-	-	-	-	-	-	-	-
Czech Republic	7.7	27.2	31.1	0.5	31.1	2.4	-	-	-	3	[232]
Denmark	34.0	12.0	-	8.0	43.0	3.0	-	-	-	3	[11]
Djibouti	-	-	-	-	-	-	-	-	-	-	-
Dominica	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	59.0	3.6	-	9.5	2.4	-	-	-	19.0	1	[233]
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	2.3	3.8	-	0.8	93.1	-	-	-	2	[234]
El Salvador	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	35.0	1.7	3.3	60.0	-	-	-	1	[64]
Eritrea	-	-	-	-	-	-	-	-	-	-	-
Estonia	1.0	71.0	-	3.0	24.0	-	-	-	-	2	[235]
Ethiopia	-	-	5.6	33.3	-	50.0	11.1	-	-	1	[236]
Fiji	-	-	-	-	-	-	-	-	-	-	-
Finland	15.0	17.0	-	16.0	46.0	6.0	-	-	-	1	[69]
France	14.8	29.7	15.3	9.1	19.7	9.2	2.0	0.2	-	2	[72]
Gabon	-	-	5.7	2.4	-	91.9	-	-	-	3	[73]
Gambia, The	-	-	19.4	58.0	6.4	-	-	-	16.1	1	[75]
Georgia	3.0	59.0	-	11.0	27.0	-	-	-	-	2	[18]
Germany	25.0	33.0	4.5	6.4	27.4	3.3	0.2	0.2	-	3	[237, 238] <sup>b</sup>
Ghana	-	-	8.7	87.0	-	-	-	-	4.3	1	[239]
Greece	12.5	32.6	-	7.0	34.0	13.9	-	-	-	3	[240, 241] <sup>b</sup>
Grenada	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
Guinea	-	-	-	-	-	-	-	-	-	-	-
Guinea-Bissau	-	-	1.8	98.2	-	-	-	-	-	-	[242]
Guyana	-	-	-	-	-	-	-	-	-	1	-
Haiti	-	-	-	-	-	-	-	-	-	-	-
Honduras	-	-	-	-	-	-	-	-	-	-	-
Hungary	22.0	58.5	13.6	0.9	3.4	1.7	-	-	-	2	[243]
Iceland	-	-	-	-	-	-	-	-	-	-	-
India	-	-	24.0	-	54.4	5.8	0.2	-	15.6	3	[244]
Indonesia	12.5	36.5	12.5	20.2	17.4	1.0	-	-	-	2	[245]
Iran, Islamic Republic of	39.7	12.1	1.3	1.4	27.5	0.9	-	-	18.4	2	[246]
Iraq	1.4	12.9	-	-	17.1	52.9	-	-	15.7	1	[247]
Ireland	-	-	55.0	4.0	39.0	1.0	0.1	-	1.2	3	[104]
Israel	-	-	69.0	8.0	20.0	3.0	-	-	-	2	[248]
Italy	4.2	57.5	3.0	26.0	3.6	3.8	0.3	-	1.5	2	[249]
Jamaica	-	-	-	-	-	-	-	-	-	-	-
Japan	-	64.7	-	34.2	-	-	-	-	1.0	2	[250]
Jordan	40.0	33.3	-	-	-	26.7	-	-	-	2	[251]

Country	Genotype									Data Quality	Data Source
	1a (%)	1b (%)	Mixed/Other (%) <sup>a</sup>	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	Other (%)		
Kazakhstan	-	-	-	-	-	-	-	-	-	-	-
Kenya	-	-	-	-	-	-	-	-	-	-	-
Kiribati	-	-	-	-	-	-	-	-	-	-	-
Korea, Democratic People's Republic of	-	-	-	-	-	-	-	-	-	-	-
Korea, Republic of	3.0	45.4	4.3	45.3	0.8	0.2	-	1.0	-	2	[252]
Kuwait	-	-	19.4	0.7	6.9	54.2	-	-	18.8	2	[253]
Kyrgyzstan	-	-	-	-	-	-	-	-	-	-	-
Lao People's Democratic Republic	-	4.4	-	-	-	-	-	95.6	-	1	[254]
Latvia	1.5	87.7	-	1.5	9.2	-	-	-	-	1	[255]
Lebanon	25.4	16.9	-	4.9	6.3	45.8	0.7	-	-	2	[256]
Lesotho	-	-	-	-	-	-	-	-	-	-	-
Liberia	-	-	-	-	-	-	-	-	-	-	-
Libya	4.9	14.6	13.2	14.9	16.7	35.7	-	-	-	2	[257]
Lithuania	1.8	59.9	3.3	8.7	26.3	-	-	-	-	2	[258]
Luxembourg	-	-	55.3	4.3	33.6	6.4	0.4	-	-	1	[259]
Macedonia	-	-	52.2	-	44.6	-	-	-	-	2	[260]
Madagascar	-	52.9	-	47.1	-	-	-	-	-	-	[125]
Malawi	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	31.9	-	58.6	6.0	-	3.5	-	2	[261]
Maldives	-	-	-	-	-	-	-	-	-	-	-
Mali	-	-	-	-	-	-	-	-	-	-	-
Malta	-	-	-	-	-	-	-	-	-	-	-
Marshall Islands	-	-	-	-	-	-	-	-	-	-	-
Mauritania	-	-	-	-	-	-	-	-	-	-	-
Mauritius	-	-	-	-	-	-	-	-	-	-	-
Mexico	14.9	32.2	23.2	21.8	7.2	0.3	0.1	-	0.3	3	[262]
Micronesia, Federal States of	-	-	-	-	-	-	-	-	-	-	-
Moldova, Republic of	-	-	-	-	-	-	-	-	-	-	-
Mongolia	-	98.8	-	1.2	-	-	-	-	-	3	[134]
Montenegro	19.6	35.0	-	1.1	24.7	19.6	-	-	-	1	[263]
Morocco	0.7	75.2	-	22.7	-	0.7	-	-	0.7	2	[264]
Mozambique	27.8	22.2	-	-	22.2	-	27.8	-	-	1	[265]
Myanmar	4.1	6.9	-	0.7	39.3	-	-	49.0	-	2	[266]
Namibia	-	-	-	-	-	-	-	-	-	-	-
Nepal	-	-	-	-	-	-	-	-	-	-	-
Netherlands	14.8	15.7	18.8	9.7	29.3	10.5	-	-	1.1	3	[267]
New Zealand	40.0	15.0	-	8.0	35.0	-	0.5	1.0	-	1	[268]
Nicaragua	-	-	-	-	-	-	-	-	-	-	-
Niger	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	85.0	15.0	-	-	-	-	-	1	[146]
Norway	28.1	28.1	1.8	10.5	28.1	-	-	-	3.5	3	[70]
Oman	-	-	-	-	-	-	-	-	-	-	-
Pakistan	4.8	1.2	1.0	3.8	79.0	1.6	0.1	0.1	8.3	3	[269]

Country	Genotype									Data Quality	Data Source
	1a (%)	1b (%)	Mixed/Other (%) <sup>a</sup>	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	Other (%)		
Palestine	18.5	9.8	-	-	-	64.1	-	-	7.6	1	[270]
Panama	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Paraguay	-	-	-	-	-	-	-	-	-	-	-
Peru	74.0	12.0	-	2.0	10.0	-	-	-	2.0	1	[271]
Philippines	70.7	2.5	-	26.4	-	0.2	-	0.2	-	2	[272]
Poland	-	-	79.4	0.1	13.8	4.9	-	0.1	1.6	3	[273]
Portugal	12.4	39.8	-	2.4	34.0	7.0	-	0.2	4.0	2	[274, 275] <sup>b</sup>
Puerto Rico	39.8	27.1	15.2	12.1	3.8	1.8	-	0.2	-	3	[276]
Qatar	-	-	-	-	-	-	-	-	-	-	-
Romania	5.4	92.6	-	-	0.8	1.2	-	-	-	2	[277]
Russian Federation	0.9	54.8	-	8.2	35.1	-	-	-	1.1	2	[278]
Rwanda	-	-	-	-	-	-	-	-	-	-	-
Saint Lucia	-	-	-	-	-	-	-	-	-	-	-
Saint Vincent and the Grenadines	-	-	-	-	-	-	-	-	-	-	-
Samoa	-	-	-	-	-	-	-	-	-	-	-
São Tomé and Príncipe	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	25.9	4.4	2.9	60.0	0.3	0.3	6.3	2	[279]
Senegal	-	-	-	-	-	-	-	-	-	-	-
Serbia	-	-	57.9	3.7	23.2	6.7	-	-	8.5	2	[280]
Seychelles	-	-	-	-	-	-	-	-	-	-	-
Sierra Leone	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Slovakia	-	-	89.9	1.5	6.6	0.5	-	0.5	1.0	2	[281]
Slovenia	-	-	56.0	5.0	37.8	1.2	-	-	-	2	[282]
Solomon Islands	-	-	-	-	-	-	-	-	-	-	-
Somalia	-	-	-	-	-	-	-	-	-	-	-
South Africa	2.3	22.0	7.1	1.2	12.6	12.4	35.7	-	6.7	3	[283]
Spain	25.5	43.8	-	3.1	19.6	8.0	-	-	-	3	[11, 284]
Sri Lanka	-	46.9	-	37.5	-	-	-	-	15.6	1	[285]
Sudan	-	-	-	-	-	-	-	-	-	-	-
Suriname	-	-	-	-	-	-	-	-	-	-	-
Swaziland	-	-	-	-	-	-	-	-	-	-	-
Sweden	40.0	10.0	-	20.0	30.0	-	-	-	-	2	[11, 286]
Switzerland	25.9	25.9	-	8.5	29.2	10.3	0.1	0.1	-	3	[287, 288] <sup>b</sup>
Syrian Arab Republic	-	-	28.5	0.8	1.8	59.0	10.0	-	-	2	[289]
Taiwan	2.6	45.5	0.7	39.5	1.0	0.2	-	0.5	10.0	2	[290]
Tajikistan	-	82.7	-	5.8	7.7	-	-	-	3.8	1	[291]
Tanzania, United Republic of	-	-	-	-	-	-	-	-	-	-	-
Thailand	19.9	13.8	-	0.3	44.2	-	-	21.8	-	2	[190]
Timor-Leste	-	-	-	-	-	-	-	-	-	-	-
Togo	-	-	-	-	-	-	-	-	-	-	-
Tonga	-	-	-	-	-	-	-	-	-	-	-

Country	Genotype									Data Quality	Data Source	
	1a (%)	1b (%)	Mixed/Other (%) <sup>a</sup>	2 (%)	3 (%)	4 (%)	5 (%)	6 (%)	Other (%)			
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
Tunisia	1.5	82.6	-	10.1	1.5	-	-	-	4.3	1	[191]	
Turkey	8.1	83.7	-	2.2	4.9	1.1	-	-	-	2	[11]	
Turkmenistan	-	-	-	-	-	-	-	-	-	-	-	
Uganda	-	-	-	-	-	-	-	-	-	-	-	
Ukraine	-	-	-	-	-	-	-	-	-	-	-	
United Arab Emirates	15.0	12.0	-	3.0	23.8	46.2	-	-	-	1	[292]	
United Kingdom <sup>d</sup>	24.4	11.9	8.8	7.3	43.8	-	-	-	3.8	3	[293]	
United States of America	46.2	26.3	-	10.7	8.9	6.3	-	1.1	0.5	3	[294]	
Uruguay	-	-	-	-	-	-	-	-	-	-	-	
Uzbekistan	2.9	64.2	-	6.7	26.0	-	-	-	-	3	[202]	
Vanuatu	-	-	-	-	-	-	-	-	-	-	-	
Venezuela	-	43.4	21.7	-	34.4	-	-	-	0.5	2	[295]	
Viet Nam	12.4	17.3	0.7	15.2	-	-	-	54.0	-	2	[296]	
Yemen	-	-	-	-	-	-	-	-	-	-	-	
Zambia	-	-	-	-	-	-	-	-	-	-	-	
Zimbabwe	-	-	-	-	-	-	-	-	-	-	-	

<sup>a</sup> Represents Genotype 1 when subtypes were not specified or available.

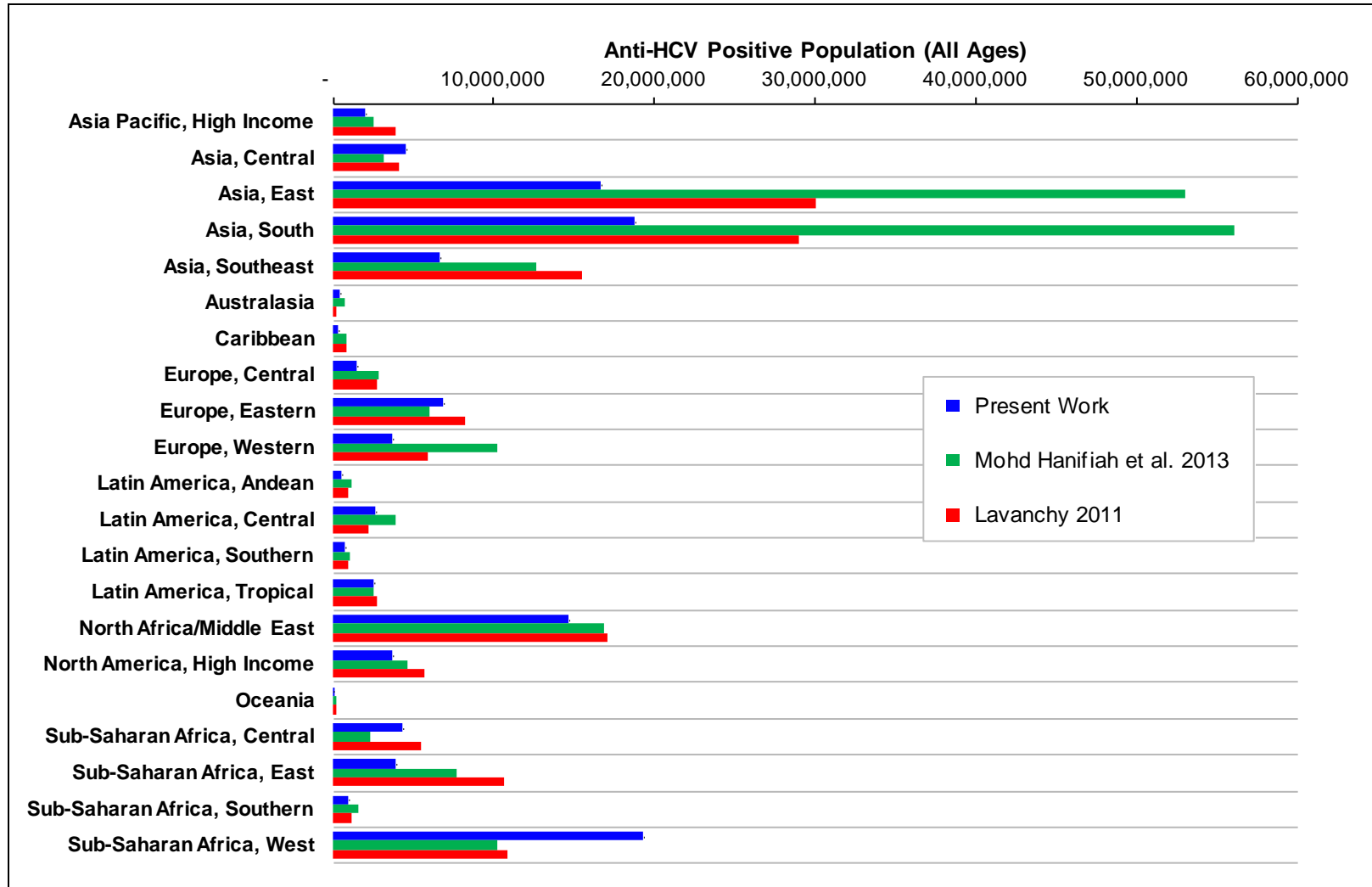
<sup>b</sup> Analysis applies a second source article for genotype split when not specified or available in primary study.

<sup>c</sup> Estimate reports genotype for England only.

**Supplementary Table 4. Global burden of disease (GBD) regions and countries within each region.**

<b>GBD Region</b>	<b>Countries</b>
Asia, Central	Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Turkmenistan, Uzbekistan
Asia, East	China, People's Republic of Korea, Taiwan
Asia, High Income	Brunei Darussalam, Japan, Republic of Korea, Singapore
Asia, South	Afghanistan, Bangladesh, Bhutan, India, Nepal, Pakistan
Asia, Southeast	Cambodia, Indonesia, Lao People's Democratic Republic, Malaysia, Maldives, Myanmar, Philippines, Sri Lanka, Thailand, Timor-Leste, Viet Nam
Australasia	Australia, New Zealand
Caribbean	Aruba, Bahamas, Barbados, Belize, Cuba, Dominica, Dominican Republic, Grenada, Guyana, Haiti, Jamaica, Martinique, Netherlands Antilles, Puerto Rico, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago
Europe, Central	Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Hungary, Macedonia, Montenegro, Poland, Romania, Serbia, Slovakia, Slovenia
Europe, Eastern	Belarus, Estonia, Latvia, Lithuania, Moldova, Russian Federation, Ukraine
Europe, Western	Andorra, Austria, Belgium, Cyprus, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Israel, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom
Latin America, Andean	Bolivia, Ecuador, Peru
Latin America, Central	Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Venezuela
Latin America, Southern	Argentina, Chile, Uruguay
Latin America, Tropical	Brazil, Paraguay
North America, High Income	Canada, United States of America
North Africa/ Middle East	Algeria, Bahrain, Egypt, Islamic Republic of Iran, Iraq, Jordan, Lebanon, Libyan Arab Jamahiriya, Morocco, Palestine, Oman, Qatar, Saudi Arabia, Syrian Arab Republic, Tunisia, Turkey, United Arab Emirates, Yemen
Oceania	Fiji, Kiribati, Marshall Islands, Federal States of Micronesia, Papua New Guinea, Samoa, Solomon Islands, Tonga, Vanuatu
Sub-Saharan Africa, Central	Angola, Central African Republic, Congo, Democratic Republic of the Congo, Equatorial Guinea, Gabon
Sub-Saharan Africa, East	Burundi, Comoros, Djibouti, Eritrea, Ethiopia, Kenya, Madagascar, Malawi, Mauritius, Mozambique, Rwanda, Seychelles, Somalia, Sudan, Uganda, United Republic of Tanzania, Zambia
Sub-Saharan Africa, Southern	Botswana, Lesotho, Namibia, South Africa, Swaziland, Zimbabwe
Sub-Saharan Africa, West	Benin, Burkina Faso, Cameroon, Cape Verde, Chad, Côte d'Ivoire, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mali, Mauritania, Niger, Nigeria, São Tomé and Príncipe, Senegal, Sierra Leone, Togo

Supplementary Figure



Supplementary Figure 1. Comparison of this and previous estimates of anti-HCV prevalence, by GBD region.

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