## Text S2: Supplemental Material for Manuscript

Appendix Table 1: Foreign-born population by region of origin in major immigrant-receiving countries

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Report Year | Latin America and Caribbean | Eastern Europe and Central Asia | Middle East and North Africa | Sub-Saharan Africa | South Asia | East Asia and the Pacific | Total |
| **North America** |  |  |  |  |  |  |  |  |
| Canada | 2006[1] | 698,935 | 712,825 | 413,450 | 252,645 | 755,445 | 1,438,045 | **4,271,345** |
| United States | 2009[2] | 20,455,547 | 2,944,186 | 893,333 | 1,492,785 | 2,713,675 | 7,000,964 | **35,500,490** |
| **Europe** |  |  |  |  |  |  |  |  |
| Austria | 2010[3] | 18,017 | 839,271 | 45,691 | 21,222 | 26,972 | 41,955 | **993,128** |
| Belgium | 2011[4] | 16,061 | 189,294 | 109,964 | 60,163 | 15,913 | 19,789 | **411,184** |
| Czech Republic | 2010[5] | 1,793 | 304,057 | 4,843 | 2,028 | 2,037 | 75,356 | **390,114** |
| Denmark | 2009[6] | 8,886 | 123,509 | 59,549 | 23,315 | 33,916 | 36,762 | **285,937** |
| Finland | 2011[7] | 4,833 | 106,488 | 17,486 | 18,601 | 11,084 | 22,621 | **181,113** |
| France | 2006[8] | 166,961 | 421,999 | 1,131,726 | 425,009 | 60,329 | 141,709 | **2,347,733** |
| Germany | 2010[9] | 104,193 | 3,706,019 | 330,191 | 154,627 | 163,751 | 325,441 | **4,784,222** |
| Greece | 2001[10] | 859 | 621,945 | 23,708 | 4,377 | 24,392 | 8,595 | **683,876** |
| Israel | 2008[11] | 65,940 | 555,640 | 398,480 | 91,000 | 20,710 | 15,850 | **1,147,620** |
| Italy | 2010[12] | 229,092 | 2,014,922 | 642,720 | 165,645 | 320,030 | 311,936 | **3,684,345** |
| Netherlands | 2011[13] | 319,995 | 407,683 | 274,286 | 114,479 | 67,195 | 211,347 | **1,394,985** |
| Norway | 2011[14] | 23,628 | 156,668 | 51,018 | 50,398 | 47,067 | 65,795 | **394,574** |
| Portugal | 2010[15] | 125,161 | 123,261 | 3,040 | 106,161 | 9,700 | 17,953 | **385,276** |
| Republic of Ireland | 2006[16] | 7,951 | 143,287 | 7,789 | 38,547 | 18,129 | 31,172 | **246,875** |
| Spain | 2007[17] | 1,569,837 | 896,697 | 642,240 | 173,949 | 69,881 | 134,138 | **3,486,742** |
| Sweden | 2011[18] | 74,709 | 377,986 | 261,144 | 95,757 | 55,601 | 100,373 | **965,570** |
| Switzerland | 2010[19] | 48,501 | 455,968 | 40,642 | 52,818 | 51,115 | 42,179 | **691,223** |
| United Kingdom | 2001[20] | 339,979 | 293,989 | 218,186 | 759,137 | 1,030,483 | 359,990 | **3,001,764** |
| **Oceania** |  |  |  |  |  |  |  |  |
| Australia | 2006[21] | 86,385 | 374,825 | 193,216 | 210,934 | 259,662 | 1,016,118 | **2,141,140** |
| New Zealand | 2006[22] | 7,638 | 22,422 | 16,533 | 59,118 | 56,391 | 329,289 | **491,391** |

# Appendix Table 2: 110 included studies in systematic review

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Source | Year of Study | Country of Landing | Region of Origin | Age range, y | Immigrant Status | Population Screened | HBsAg Seroprevalence (%) | anti-HBs Seroprevalence (%) |
| Adair et al, 1999[23] | 1997 | United States | Sub-Saharan |  | Immigrant | 73 | 13.7 |  |
| Almog et al, 1999[24] | 1992-1993 | Israel | Eastern Europe | 17-49 | Immigrant | 599 | 4.8 | 19.2 |
| Arevalo et al, 1989[25] | 1983-1987 | United States | Mixed | (Median: 26) | Immigrant | 277 | 8.3 |  |
| Aubert et al, 2010[26] | 2007-2008 | France | Mixed | 18-88 (Mean: 40) | Immigrant | 481 | 9.4 | 64.7 |
| Aweis et al, 2001[27] | 2000 | United Kingdom | Sub-Saharan | 1-80 | Immigrant | 317 | 7.3 |  |
| Baldo et al, 2000[28] | 1996 | Italy | Mixed | 18-43 (Mean: 28) | Immigrant | 255 | 3.1 |  |
| Barry et al, 1983[29] | 1979-1980 | United States | East Asia & Pacific |  | Refugee | 83 | 15.7 | 56.6 |
| Beggio et al, 2007[30] |  | Italy | Mixed |  | Immigrant | 199 | 4.0 | 32.2 |
| Ben-Porath et al, 1986[31] |  | Israel | Sub-Saharan |  | Refugee | 357 | 12.6 | 44.8 |
| Bjerke et al, 2011[32] | 2009 | Norway | South Asia | 18-44 (Mean: 27.3) | Immigrant | 206 | 0.5 | 7.8 |
| Bonura et al, 2005[33] | 2001-2003 | Italy | Mixed | 18-44 (Mean: 30) | Immigrant | 310 | 4.2 |  |
| Bottecchia et al, 2011[34] | 2007-2008 | Spain | Mixed | (Median: 51.5) | Immigrant | 1,718 | 7.0 |  |
| Caruana et al, 2005[35] |  | Australia | East Asia & Pacific | 15-92 (Median: 44) | Mixed | 327 | 8.6 | 76.5 |
| Catanzaro et al, 1982[36] | 1980-1981 | United States | East Asia &Pacific |  | Refugee | 301 | 14.0 |  |
| CDC, 2006[37] | 2005 | United States | Mixed | 20-83 (Median: 45) | Immigrant | 915 | 11.7 |  |
| CDC, 1991[38] | 1979-1991 | United States | Mixed |  | Refugee | 36,812 | 15.0 |  |
| Chadwick et al, 1982[39] |  | United Kingdom | East Asia & Pacific |  | Refugee | 632 | 15.0 |  |
| Chaudhary et al, 1981[40] | 1979-1980 | Canada | East Asia & Pacific |  | Refugee | 14,347 | 11.6 | 48.9 |
| Chaves et al, 2009[41] | 2004-2008 | Australia | East Asia & Pacific | 16-86 (Median: 30) | Refugee | 141 | 14.2 |  |
| Chemtob et al, 1991[42] | 1987 | Israel | Sub-Saharan | 2-67 (Mean: 23) | Refugee | 144 | 18.8 | 41.7 |
| Chiaramonte et al, 1998[43] | 1989-1995 | Italy | Mixed | 0-76 (Mean: 28.5) | Immigrant | 1,683 | 8.9 |  |
| Chironna et al, 2003[44] | 2000 | Italy | Mixed | 1-55 (Mean: 24) | Refugee | 1,005 | 3.9 |  |
| Chironna et al, 2000[45] |  | Italy | Eastern Europe | 2-72 (Mean: 25) | Refugee | 670 | 13.6 | 47.6 |
| Chironna et al, 2001[46] | 1999 | Italy | Eastern Europe | 2-72 (Mean: 13) | Refugee | 526 | 2.9 | 12.0 |
| Christenson et al, 1997[47] |  | Sweden | Mixed |  | Immigrant | 133 | 1.5 |  |
| Dalekos et al, 1995[48] |  | Greece | Eastern Europe | 0-81 | Refugee | 1,025 | 22.1 | 40.5 |
| Denburg et al, 2007[49] | 2006 | Canada | East Asia & Pacific |  | Refugee | 64 | 14.1 | 43.8 |
| Denis et al, 1994[50] | 1992-1993 | France | Mixed |  | Immigrant | 5,125 | 2.5 |  |
| Elefsiniotis et al, 2007[51] | 2003-2005 | Greece | Mixed | 16-45 | Immigrant | 8,698 | 3.5 |  |
| Engebretsen et al, 1984[52] | 1981-1983 | United States | East Asia &Pacific |  | Refugee | 552 | 11.8 |  |
| Entzel et al, 2003[53] | 1999-2000 | United States | Latin America | 0-6 (Mean: 3.5) | Refugee (Children) | 244 | 0.4 |  |
| Fabris et al, 2008[54] |  | Italy | Mixed | (Mean: 27.7) | Immigrant | 47 | 6.4 |  |
| Faustini et al, 1994[55] | 1991 | Italy | Mixed | 1-67 (Mean: 24) | Immigrant | 138 | 5.1 | 27.8 |
| Fitzpatrick et al, 1987[56] | 1981-1985 | United States | East Asia & Pacific | 11-19 (Mean: 14.7) | Refugee (Children) | 74 | 13.5 |  |
| Flatau et al, 1993[57] | 1991 | Israel | Sub-Saharan | 1-76 (Mean: 29) | Refugee | 200 | 11.5 | 47.1 |
| Franco-Paredes et al, 2007[58] | 2005-2006 | United States | Sub-Saharan | (Mean: 25) | Refugee | 31 | 32.3 |  |
| Friedman et al, 1998[59] | 1984-1985 | United States | Mixed | 14-44 (Mean: 26) | Immigrant | 288 | 5.9 |  |
| Garcia-Samaniego et al, 1994[60] | 1992-1993 | Spain | Sub-Saharan | 16-53 (Mean: 31.4) | Immigrant | 435 | 20.7 |  |
| Germinario et al, 2000[61] |  | Italy | Eastern Europe | 0-10 | Refugee (Children) | 415 | 0.5 |  |
| Gish et al, 2011[62] |  | United States | East Asia & Pacific |  | Immigrant | 1,798 | 6.0 | 54.0 |
| Gjerdingen et al, 1997[63] | 1994-1995 | United States | East Asia & Pacific | (Mean: 27.7) | Refugee | 429 | 17.9 | 42.2 |
| Gjorup et al, 2003[64] | 1994-1995 | Denmark | Mixed | 5-19 | Immigrant (Children) | 144 | 2.1 |  |
| Glikberg et al, 1997[65] |  | Israel | Eastern Europe |  | Immigrant | 102 | 15.7 |  |
| Goldenring et al, 1983[66] | 1979-1982 | United States | East Asia & Pacific | (Mean: 19.5) | Immigrant (Children) | 89 | 16.9 |  |
| Goodman et al, 1984[67] | 1980-1981 | United States | East Asia & Pacific |  | Refugee | 849 | 11.7 | 55.5 |
| Hayes et al, 1998[68] | 1994 | United States | Mixed |  | Refugee | 124 | 4.0 | 21.1 |
| Hill et al, 1991[69] |  | United States | East Asia & Pacific |  | Refugee | 679 | 17.4 |  |
| Hornstein et al, 1991[70] | 1985-1988 | Israel | Sub-Saharan |  | Refugee | 224 | 16.5 | 47.2 |
| Huerga et al, 2002[71] | 1989-2001 | Spain | Sub-Saharan | 0-13 (Mean: 7) | Immigrant (Children) | 75 | 6.7 | 32.0 |
| Hurie et al, 1995[72] | 1990-1993 | United States | Eastern Europe |  | Refugee | 496 | 0.4 |  |
| Hurie et al, 1992[73] | 1984-1989 | United States | East Asia & Pacific | 0-75 (Mean: 22.6) | Refugee | 754 | 18.7 | 45.1 |
| Jenista et al, 1987[74] |  | United States | Mixed |  | Adopted Children | 68 | 5.9 |  |
| Jensen et al, 2003[75] | 2000-2001 | Denmark | Mixed |  | Immigrant | 1,010 | 1.7 |  |
| Judson et al, 1984[76] | 1981-1982 | United States | East Asia & Pacific |  | Refugee | 516 | 14.7 |  |
| King et al, 2001[77] | 2000-2001 | Australia | Mixed |  | Asylum Seeker | 7,000 | 2.5 |  |
| Kulstrunk et al, 1992[78] |  | Switzerland | Eastern Europe | 0-53 | Refugee | 1,299 | 9.1 | 46.8 |
| Lange et al, 1987[79] | 1985-1986 | United States | East Asia & Pacific | 0.2-12 | Adopted Children | 360 | 2.8 | 3.4 |
| Levinne et al, 1980[80] | 1979 | Canada | East Asia & Pacific |  | Refugee | 192 | 10.9 |  |
| Levy et al, 2010[81] |  | United States | Mixed | (Median: 24) | Immigrant | 701 | 0.6 |  |
| Lifson et al, 2002[82] | 1999 | United States | Mixed | (Mean: 23) | Refugee | 2,353 | 7.4 | 36.7 |
| Lin et al, 2007[83] | 2001-2006 | United States | East Asia & Pacific | 18-101 (Median: 53) | Immigrant | 2,386 | 10.7 |  |
| Lopez-Velez et al, 2003[84] | 1989-1999 | Spain | Mixed | 0-82 (Median: 28) | Mixed | 662 | 7.1 |  |
| Majori et al, 2008[85] | 2004-2005 | Italy | Sub-Saharan | 0-60 (Mean: 31.7) | Illegal Immigrant | 182 | 9.3 | 39.6 |
| Malamitsi-Puchner et al, 1996[86] |  | Greece | Eastern Europe | 14-42 (Mean: 25.1) | Refugee | 500 | 13.4 | 53.0 |
| Manzardo et al, 2008[87] | 2001-2004 | Spain | Mixed | 0-80 (Mean: 29.5) | Mixed | 1,905 | 7.7 |  |
| Martin et al, 2006[88] | 2003-2004 | Australia | Mixed | 0-89 | Refugee | 1,974 | 5.4 |  |
| Meints et al, 2010[89] | 2003-2006 | United States | Mixed |  | Immigrant | 1,685 | 3.1 |  |
| Meropol, 1995[90] | 1991-1993 | United States | Mixed | 1-18 (Median: 8.2) | Refugee (Children) | 81 | 7.4 | 43.2 |
| Milionis, 2010[91] | 2000-2009 | Greece | Eastern Europe | 10-23 (Mean: 15.6) | Immigrant (Children) | 504 | 11.7 | 35.1 |
| Museru et al, 2010[92] | 2003-2007 | United States | Mixed |  | Refugee | 6,347 | 10.7 |  |
| Museru et al, 2009[93] | 2005-2008 | United States | Sub-Saharan | 16-48 (Mean: 28) | Refugee | 74 | 23.0 |  |
| Nahmias et al, 1993[94] | 1978-1991 | Israel | Sub-Saharan |  | Refugee | 6,230 | 11.5 |  |
| Nelson et al, 1997[95] | 1994-1995 | United States | East Asia & Pacific | 19-71 (Median: 34) | Immigrant | 96 | 13.5 | 49.0 |
| Ooi et al, 2006[96] | 1999-2002 | United States | Mixed | (Mean: 39) | Immigrant | 209 | 1.9 | 20.0 |
| Palumbo et al, 2007(a)[97] | 2005 | Italy | Mixed | 15-47 (Mean: 22.6) | Refugee | 556 | 10.8 |  |
| Palumbo et al, 2007(b)[98] | 2005-2006 | Italy | Latin America | 15-43 (Mean: 21.3) | Refugee | 130 | 10.8 |  |
| Palumbo et al, 2008[99] | 2003-2004 | Italy | Mixed | 15-39 (Mean: 24) | Refugee | 890 | 9.3 |  |
| Panagopoulouset al, 2004[100] | 1994-2002 | Greece | Mixed |  | Immigrant | 3,017 | 4.7 |  |
| Papaevangelou et al, 2006[101] | 2003 | Greece | Mixed |  | Immigrant | 596 | 8.2 |  |
| Parenti et al, 1987[102] | 1980-1984 | United States | Sub-Saharan | 0-55 | Refugee | 53 | 9.4 |  |
| Patel et al, 2002[103] | 1991-1999 | United States | East Asia & Pacific |  | Immigrant | 743 | 13.9 |  |
| Perez-Molina et al, 2011[104] | 1989-2008 | Spain | Mixed | (Mean: 31.5) | Immigrant | 322 | 10.6 |  |
| Pottie et al, 2007[105] | 2004-2005 | Canada | Mixed |  | Refugee | 112 | 5.4 |  |
| Ranger et al, 1990[106] | 1984-1988 | France | Mixed | 13-47 (Mean: 28) | Immigrant | 1,206 | 2.6 |  |
| Rein et al, 2010[107] | 2006-2008 | United States | Mixed |  | Refugee | 31,980 | 2.8 |  |
| Roberts et al, 1985[108] | 1980-1982 | United States | East Asia & Pacific | 16-51 (Mean: 25.3) | Refugee | 97 | 5.2 |  |
| Roudot-Thoraval et al, 1989[109] |  | France | Mixed | 16-44 (Mean: 26) | Immigrant | 628 | 3.0 |  |
| Roussos et al, 2003[110] |  | Greece | Mixed | 18-69 (Mean: 31.7) | Refugee | 130 | 15.4 |  |
| Saiman et al, 2001[111] | 1997-1998 | United States | Mixed | 0-12 (Mean: 1.6) | Adopted Children | 499 | 2.8 | 35.1 |
| Salleras et al, 2009[112] | 2004 | Spain | Mixed |  | Immigrant | 114 | 0.9 |  |
| Sandler et al, 1977[113] |  | Israel | Middle East |  | Immigrant | 414 | 1.2 | 28.9 |
| Santantonio et al, 1993[114] | 1991 | Italy | Eastern Europe | 1-46 (Mean: 20) | Refugee | 393 | 19.1 | 37.2 |
| Sheikh et al, 2009[115] | 2005-2006 | Australia | Mixed | 1-17 | Refugee (Children) | 218 | 3.2 |  |
| Skinhoj et al, 1981[116] | 1979 | Denmark | East Asia &Pacific |  | Refugee | 564 | 10.5 |  |
| Skinhoj et al, 1983[117] | 1979-1980 | Denmark | East Asia & Pacific |  | Refugee | 533 | 10.3 |  |
| Skliros et al, 2001[118] |  | Greece | Eastern Europe | (Mean: 31.6) | Refugee | 154 | 7.1 |  |
| Skliros et al, 1999[119] |  | Greece | Eastern Europe | 1-75 | Refugee | 188 | 9.0 |  |
| Smith et al, 2000[120] | 1999 | Ireland | Eastern Europe |  | Refugee | 919 | 2.8 |  |
| Smith et al, 1984[121] |  | Australia | East Asia & Pacific |  | Refugee | 108 | 13.0 | 46.3 |
| Smith-Garcia et al, 1989[122] | 1978-1987 | United States | South Asia | 0-20 | Adopted Children | 76 | 6.6 |  |
| Stadler et al, 2008[123] | 1999-2006 | United States | Mixed | 0-16 (Mean: 2.2) | Adopted Children | 1,228 | 1.1 | 67.2 |
| Stroffolini et al, 2003[124] |  | Italy | Mixed |  | Immigrant | 597 | 5.9 |  |
| Tafuri et al, 2010[125] | 2008 | Italy | Mixed | 7-52 (Mean: 23.9) | Refugee | 529 | 8.3 |  |
| Tiong et al, 2006[126] | 2005-2006 | Australia | Sub-Saharan |  | Refugee | 184 | 8.2 |  |
| Tong et al, 1984[127] | 1982 | United States | East Asia & Pacific | (Mean: 52) | Immigrant | 243 | 13.6 | 56.4 |
| Toro et al, 2006[128] | 2002-2003 | Spain | Mixed | 0-89 (Median: 29.5) | Immigrant | 486 | 5.3 |  |
| Ugwu et al, 2008[129] | 1998-2001 | United States | Mixed | (Median: 19) | Refugee | 8,754 | 7.1 | 31.1 |
| van Steenbergen et al, 2001[130] | 1993-1998 | Netherlands | Mixed |  | Immigrant | 30,937 | 2.2 |  |
| Veldhuijzen et al, 2008[131] | 2004 | Netherlands | Mixed | 18-65 | Immigrant | 205 | 1.0 |  |
| Viviano et al, 2006[132] | 2002-2005 | Italy | Eastern Europe | 1-12 (Mean: 6.3) | Adopted Children | 75 | 4.0 | 41.3 |

Appendix Table 3: Characteristics of included studies reporting chronic hepatitis B infection

|  |  |  |
| --- | --- | --- |
|  | **Number of Studies (%)** | **Total Sample Size (%)** |
| Total | 110 | 209,822 |
|  |  |  |
| Immigrant Status |  |  |
| Immigrants | 44 (40.0) | 70,204 (33.5) |
| Adopted Children | 6 (5.5) | 2,306 (1.1) |
| Refugees | 56 (50.9) | 127,418 (60.7) |
| Asylum Seekers | 1 (0.9) | 7,000 (3.3) |
| Mixed | 3 (2.7) | 2,894 (1.4) |
|  |  |  |
| Age Group |  |  |
| Immigrants |  |  |
| Immigrant Adults | 25 (22.7) | 22,849 (10.9) |
| Immigrant Children | 4 (3.6) | 812 (0.4) |
| Adopted Children | 6 (5.5) | 2,306 (1.1) |
| No Age Reported | 15 (13.6) | 46,543 (22.2) |
|  |  |  |
| Refugees and Asylum Seekers |  |  |
| Refugee Adults | 27 (24.5) | 23,181 (11.0) |
| Refugee Children | 5 (4.5) | 1,032 (0.5) |
| No Age Reported | 25 (22.7) | 110,205 (52.5) |
|  |  |  |
| Mixed Adults | 3 (2.7) | 2,894 (1.4) |
|  |  |  |
| Exclusive Region of Origin |  |  |
| Latin America | 2 (1.8) | 374 (0.2) |
| Eastern Europe | 15 (13.6) | 7,865 (3.7) |
| Middle East & North Africa | 1 (0.9) | 414 (0.2) |
| Sub-Saharan Africa | 14 (12.7) | 8,579 (4.1) |
| South Asia | 2 (1.8) | 282 (0.1) |
| East Asia & The Pacific | 26 (23.6) | 26,957 (12.8) |
| Mixed | 50 (45.5) | 165,351 (78.8) |
|  |  |  |
| Country of Landing |  |  |
| Australia | 7 (6.4) | 9,952 (4.7) |
| Canada | 4 (3.6) | 14,715 (7.0) |
| Denmark | 4 (3.6) | 2,251 (1.1) |
| France | 4 (3.6) | 7,440 (3.5) |
| Greece | 9 (8.2) | 14,812 (7.1) |
| Ireland | 1 (0.9) | 919 (0.4) |
| Israel | 8 (7.3) | 8,270 (3.9) |
| Italy | 18 (16.3) | 8,600 (4.1) |
| Netherlands | 2 (1.8) | 31,142 (14.8) |
| Norway | 1 (0.9) | 206 (0.1) |
| Spain | 8 (7.3) | 5,717 (2.7) |
| Sweden | 1 (0.9) | 133 (0.1) |
| Switzerland | 1 (0.9) | 1,299 (0.6) |
| United Kingdom | 2 (1.8) | 949 (0.5) |
| United States | 40 (36.4) | 103,417 (49.3) |
|  |  |  |
| Participant Selection Method |  |  |
| Clinic/Hospital-Based Screening | 34 (30.9) | 13,704 (6.5) |
| Screening Upon Reception/Arrival | 42 (38.2) | 131,856 (62.8) |
| Pregnant Women | 18 (16.4) | 55,546 (26.5) |
| Invited for Screening | 8 (7.3) | 6,329 (3.0) |
| Other | 8 (7.3) | 2,387 (1.1) |
|  |  |  |
| Decade of Publication |  |  |
| Before 1980 | 1 (0.9) | 414 (0.2) |
| 1980-1989 | 23 (20.9) | 21,287 (10.1) |
| 1990-1999 | 26 (23.6) | 59,168 (28.2) |
| 2000-present | 60 (54.5) | 129,013 (61.5) |

Appendix Table 4: Characteristics of included studies reporting hepatitis B immunity

|  |  |  |
| --- | --- | --- |
|  | **Number of Studies (%)** | **Total Sample Size (%)** |
| Total | 39 | 40 330 |
|  |  |  |
| Immigrant Status |  |  |
| Immigrants | 12 (30.8) | 5,318 (13.2) |
| Adopted Children | 4 (10.3) | 1,889 (4.7) |
| Refugees | 22 (56.4) | 32,796 (81.3) |
| Asylum Seekers | 0 | 0 |
| Mixed | 1 (2.6) | 327 (0.8) |
|  |  |  |
| Age Group |  |  |
| Immigrants |  |  |
| Immigrant Adults | 7 (17.9) | 2,621 (6.5) |
| Immigrant Children | 2 (5.1) | 579 (1.4) |
| Adopted Children | 4 (10.3) | 1,889 (4.7) |
| No Age Reported | 3 (7.7) | 2,118 (5.3) |
|  |  |  |
| Refugees and Asylum Seekers |  |  |
| Refugee Adults | 13 (33.3) | 16,555 (41.0) |
| Refugee Children | 1 (2.6) | 81 (0.2) |
| No Age Reported | 8 (20.5) | 16,160 (40.0) |
|  |  |  |
| Mixed Adults | 1 (2.6) | 327 (0.8) |
|  |  |  |
| Exclusive Region of Origin |  |  |
| Latin America | 0 | 0 |
| Eastern Europe | 9 (23.1) | 6,164 (15.3) |
| Middle East & North Africa | 1 (2.6) | 121 (0.3) |
| Sub-Saharan Africa | 6 (15.4) | 1,055 (2.6) |
| South Asia | 1 (2.6) | 206 (0.5) |
| East Asia & The Pacific | 12 (30.8) | 19,146 (47.5) |
| Mixed | 10 (25.6) | 13,638 (33.8) |
|  |  |  |
| Country of Landing |  |  |
| Australia | 2 (5.1) | 435 (1.1) |
| Canada | 2 (5.1) | 14,411 (35.7) |
| Denmark | 0 | 0 |
| France | 1 (2.6) | 481 (1.2) |
| Greece | 3 (7.7) | 2,025 (5.0) |
| Ireland | 0 | 0 |
| Israel | 6 (15.4) | 2,095 (5.2) |
| Italy | 7 (17.9) | 2,254 (5.6) |
| Netherlands | 0 | 0 |
| Norway | 1 (2.6) | 206 (0.5) |
| Spain | 1 (2.6) | 75 (0.2) |
| Sweden | 0 | 0 |
| Switzerland | 1 (2.6) | 1,299 (3.2) |
| United Kingdom | 0 | 0 |
| United States | 15 (38.5) | 17,049 (42.3) |
|  |  |  |
| Participant Selection Method |  |  |
| Clinic/Hospital-Based Screening | 11 (28.2) | 3,646 (9.0) |
| Screening Upon Reception/Arrival | 18 (46.2) | 31,797 (78.8) |
| Pregnant Women | 2 (5.1) | 706 (1.8) |
| Invited for Screening | 4 (10.3) | 2,577 (6.4) |
| Other | 4 (10.3) | 1,604 (4.0) |
|  |  |  |
| Decade of Publication |  |  |
| Before 1980 | 1 (2.6) | 121 (0.3) |
| 1980-1989 | 7 (17.9) | 16,074 (39.9) |
| 1990-1999 | 14 (35.9) | 6,483 (16.1) |
| 2000-present | 17 (43.6) | 17,652 (43.8) |

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