**Figure 1 – source data 1:** Estimates of human household SAR.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Subtype** | **Location** | **Year** | **SAR estimate** | **Reference** |
| **H1N1** | Hong Kong, China | 2009 | 0.06\* | (Klick et al. 2011) |
|  | Hong Kong, China | 2009 | 0.07† | (Klick et al. 2011) |
|  | Germany | 2007-11 | 0.375 | (Suess et al. 2012a) |
|  | Germany | 2007-8 | 0.262 | (Buchholz et al. 2010) |
|  | Seattle, WA | 1978-9 | 0.306 | (Longini et al. 1982) |
|  | Seattle, WA | 1978-9 | 0.44 | (FOX et al. 1982) |
|  | Cirencester, England | 1951 | 0.356 | (Longini and Koopman 1982) |
| **H3N2** | Ann Arbor, MI | 2010-11 | 0.153 | (Petrie et al. 2013) |
|  | Ulaanbaatar City, Mongolia | 2010-11 | 0.057 | (Nukiwa-Souma et al. 2012) |
|  | Hong Kong, China | 2009 | 0.07\* | (Klick et al. 2011) |
|  | Hong Kong, China | 2009 | 0.09† | (Klick et al. 2011) |
|  | Hong Kong, China | 2009 | 0.09 | (Cowling et al. 2010) |
|  | France | 2008-9 | 0.158 | (Canini et al. 2010) |
|  | Germany | 2007-11 | 0.478 | (Suess et al. 2012a) |
|  | France | 2000 | 0.383 | (Carrat et al. 2002) |
|  | France | 1999-2000 | 0.241 | (Viboud et al. 2004) |
|  | France | 1999-2000 | 0.260 | (Cauchemez et al. 2004) |
|  | Tecumseh, MI | 1985 | 0.143 | (Longini and Monto 1988) |
|  | Tecumseh, MI | 1977-8; 1980-1 | 0.260 | (Longini et al. 1988) |
|  | Tecumseh, MI | 1978-9 | 0.147 | (Longini et al. 1982) |
|  | Seattle, WA | 1977-9 | 0.206 | (Longini et al. 1982) |
|  | Seattle, WA | 1975-8 | 0.53 | (FOX et al. 1982) |
|  | Port Chalmers, New Zealand | 1973-1975 | 0.547 | (Jennings and Miles 1978) |
| **pH1N1** | Ann Arbor, MI | 2010-11 | 0.029 | (Petrie et al. 2013) |
|  | Berlin, Germany | 2009-11 | 0.23 | (Suess et al. 2012b) |
|  | Kenya | 2009-10 | 0.060 | (Kim et al. 2012) |
|  | Thailand | 2009-10 | 0.472 | (Khuntirat et al. 2014) |
|  | Bangkok, Thailand | 2009 | 0.19 | (Simmerman et al. 2011) |
|  | Hong Kong, China | 2009 | 0.15\* | (Klick et al. 2011) |
|  | Hong Kong, China | 2009 | 0.07† | (Klick et al. 2011) |
|  | Hong Kong, China | 2009 | 0.08 | (Cowling et al. 2010) |
|  | Hong Kong, China | 2009 | 0.059 | (Leung et al. 2011) |
|  | United States | 2009 | 0.273 | (Yang et al. 2009) |
|  | United States | 2009 | 0.1 | (Cauchemez et al. 2009) |
|  | Victoria, Australia | 2009 | 0.148 | (Gemert et al. 2011) |
|  | Victoria, Australia | 2009 | 0.33 | (Looker et al. 2010) |
|  | Vietnam | 2009 | 0.186 | (Thai et al. 2014) |
|  | Washington, United States | 2009 | 0.06 | (Sugimoto et al. 2011) |
|  | Germany | 2009 | 0.26 | (Suess et al. 2010) |
|  | Germany | 2009 | 0.101 | (Remschmidt et al. 2013) |
|  | Edmonton, Canada | 2009 | 0.302 | (Sikora et al. 2010) |
|  | Ontario, Canada | 2009 | 0.103 | (Savage et al. 2011) |
|  | Los Lagos, Chile | 2009 | 0.35 | (Pedroni et al. 2010) |
|  | United Kingdom | 2009 | 0.105 | (Pebody et al. 2011) |
|  | Quebec City, Canada | 2009 | 0.29 | (Papenburg et al. 2010) |
|  | Kobe City, Japan | 2009 | 0.076 | (Odaira et al. 2009) |
|  | Japan | 2009 | 0.114 | (Nishiura and Oshitani 2011) |
|  | Japan | 2009 | 0.079 | (Hirotsu et al. 2011) |
|  | Osaka, Japan | 2009 | 0.261 | (Komiya et al. 2010) |
|  | San Antonio, TX | 2009 | 0.148 | (Morgan et al. 2010) |
|  | Riyadh, Saudi Arabia | 2009 | 0.169 | (Mohamed et al. 2012) |
|  | San Antonio, TX | 2009 | 0.037 | (Loustalot et al. 2011) |
|  | Hangzhou, China | 2009 | 0.087 | (Liu et al. 2010) |
|  | Seoul, South Korea | 2009 | 0.279 | (Lee et al. 2010) |
|  | British Columbia, Canada | 2009 | 0.22 | (Janjua et al. 2012) |
|  | New York, NY | 2009 | 0.19 | (Jackson et al. 2011) |
|  | New York, NY | 2009 | 0.113 | (France et al. 2010) |
|  | Florida, United States | 2009 | 0.143 | (Doyle and Hopkins 2011) |
|  | Taiwan | 2009 | 0.27 | (Chang et al. 2011) |
|  | Kenya | 2009 | 0.26 | (Tabu et al. 2009) |
|  | Western Australia | 2009 | 0.15 | (Carcione et al. 2010) |
|  | Western Australia | 2009 | 0.145 | (Carcione et al. 2011) |
|  | Yazd, Iran | 2009 | 0.139 | (Behnaz et al. 2012) |
|  | South Africa | 2009 | 0.17 | (Archer et al. 2012) |
|  | Germany | 2007-11 | 0.154 | (Suess et al. 2012a) |
| **H2N2** | Tokyo, Japan | 1957 | 0.0706 | (Nishiura and Chowell 2007) |
|  | Osaka, Japan | 1957 | 0.0907 | (Nishiura and Chowell 2007) |
|  | Kansas City, MO | 1957 | 0.142 | (Chin et al. 1960) |
| **H7N9** | China | 2013-14 | 0.014 | (Yang et al. 2015) |
|  | China | 2013 | 0.129 | (Li et al. 2014) |
|  | Shanghai, China | 2013 | 0.20 | (Hu et al. 2014) |
|  | Shaoxing City, China | 2013 | 0 | (Chen et al. 2013) |
| **H5N1** | Cambodia | 2011 | 0 | (Chea et al. 2014) |
|  | Indonesia | 2006 | 0.29 | (Yang et al. 2007) |
|  | Indonesia | 2005-9 | 0.055 | (Aditama et al. 2012) |
|  | Hong Kong, China | 1997 | 0.048 | (Katz et al. 1999) |
| **H7N2** | Wales | 2007 | 0.111 | (Eames et al. 2010) |
|  | New York, NY | 2003 | 0 | (Ostrowsky et al. 2012) |
| **H7N7** | Netherlands | 2003 | 0.097 | (Du Ry van Beest Holle et al. 2005) |
|  | Netherlands | 2003 | 0.011 | (Koopmans et al. 2004) |
| **H9N2** | Hong Kong, China | 1999 | 0 | (Uyeki et al. 2002) |
| **H7N3** | United Kingdom | 2006 | 0 | (Nguyen-Van-Tam et al. 2006) |
|  | British Columbia, Canada | 2004 | 0 | (Tweed et al. 2004) |

\*Estimate is for children only

†Estimate is for adults only

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