

**Table S1: 2009 IMRs and infant vaccine doses per nation ( $n = 185$ ), Nysetvold et al.**

| Nations       | IMRs | Doses | Nations     | IMRs  | Doses | Nations      | IMRs  | Doses | Nations       | IMRs   | Doses |
|---------------|------|-------|-------------|-------|-------|--------------|-------|-------|---------------|--------|-------|
| Singapore     | 2.31 | 16    | Ukraine     | 8.98  | 18    | Lebanon      | 21.82 | 20    | Gabon         | 51.78  | 19    |
| Sweden        | 2.75 | 10    | Macedonia   | 9.01  | 19    | Tunisia      | 22.57 | 16    | Madagascar    | 54.20  | 21    |
| Japan         | 2.79 | 12    | Bosnia & H  | 9.10  | 21    | Brazil       | 22.58 | 22    | Azerbaijan    | 54.60  | 17    |
| Iceland       | 3.23 | 12    | Nauru       | 9.25  | 16    | Romania      | 22.90 | 16    | Yemen         | 54.70  | 21    |
| France        | 3.33 | 21    | Russia      | 10.56 | 16    | Belize       | 23.07 | 22    | Kenya         | 54.70  | 21    |
| Finland       | 3.47 | 10    | Uruguay     | 11.32 | 19    | Bahamas      | 23.17 | 18    | Cambodia      | 54.79  | 18    |
| Norway        | 3.58 | 15    | Argentina   | 11.44 | 19    | Uzbekistan   | 23.43 | 20    | Togo          | 56.24  | 16    |
| Malta         | 3.75 | 15    | Saudi A     | 11.57 | 22    | Honduras     | 24.03 | 20    | Senegal       | 58.94  | 22    |
| Andorra       | 3.76 | 23    | Tonga       | 11.58 | 19    | Samoa        | 24.22 | 19    | Bangladesh    | 59.02  | 18    |
| Czech Repub   | 3.79 | 19    | Fiji        | 11.58 | 21    | Paraguay     | 24.68 | 19    | Burundi       | 59.64  | 21    |
| Germany       | 3.99 | 21    | Mauritius   | 12.20 | 16    | Nicaragua    | 25.02 | 22    | Haiti         | 59.69  | 15    |
| Switzerland   | 4.18 | 17    | Brunei      | 12.27 | 19    | Marshall Is  | 25.45 | 18    | Cameroon      | 63.34  | 19    |
| Spain         | 4.21 | 20    | Barbados    | 12.29 | 18    | Kazakhstan   | 25.73 | 5     | Mauritania    | 63.42  | 18    |
| Israel        | 4.22 | 18    | Seychelles  | 12.30 | 16    | Turkey       | 25.78 | 23    | Benin         | 64.64  | 22    |
| Slovenia      | 4.25 | 15    | Botswana    | 12.59 | 17    | Syria        | 25.87 | 20    | Uganda        | 64.82  | 21    |
| Liechtenstein | 4.25 | 18    | Qatar       | 12.66 | 22    | Dominican R  | 25.96 | 20    | Pakistan      | 65.14  | 17    |
| South Korea   | 4.26 | 15    | Panama      | 12.67 | 25    | Micronesia   | 26.10 | 18    | Guinea        | 65.22  | 22    |
| Denmark       | 4.34 | 12    | UAE         | 12.70 | 20    | Egypt        | 27.26 | 19    | Comoros       | 66.57  | 18    |
| Austria       | 4.42 | 23    | Moldova     | 13.13 | 16    | Algeria      | 27.73 | 18    | Gambia        | 67.33  | 23    |
| Belgium       | 4.44 | 22    | Palau       | 13.14 | 24    | Guatemala    | 27.84 | 19    | Cote d'Ivoire | 68.06  | 19    |
| Luxembourg    | 4.56 | 23    | Grenada     | 13.23 | 18    | Peru         | 28.62 | 19    | Swaziland     | 68.63  | 17    |
| Netherlands   | 4.73 | 24    | Saint Lucia | 13.43 | 19    | Maldives     | 29.53 | 18    | Tanzania      | 69.28  | 18    |
| Australia     | 4.75 | 7     | Dominica    | 13.65 | 19    | Guyana       | 29.65 | 19    | Lesotho       | 77.40  | 18    |
| Portugal      | 4.78 | 21    | St Kitts &  | 13.94 | 19    | Trinidad & T | 29.93 | 18    | Central Af R  | 80.62  | 15    |
| UK            | 4.85 | 19    | Jordan      | 14.97 | 21    | Indonesia    | 29.97 | 7     | Ethiopia      | 80.80  | 20    |
| New Zealand   | 4.92 | 17    | St Vin & Gr | 15.14 | 22    | India        | 30.15 | 15    | Congo         | 81.21  | 19    |
| Monaco        | 5.00 | 4     | Jamaica     | 15.22 | 22    | Kyrgyzstan   | 31.26 | 17    | Equa Guinea   | 81.58  | 15    |
| Canada        | 5.04 | 20    | Bahrain     | 15.25 | 22    | Zimbabwe     | 32.31 | 20    | Rwanda        | 81.61  | 21    |
| Ireland       | 5.05 | 23    | Malaysia    | 15.87 | 20    | Iran         | 35.78 | 17    | Sudan         | 82.43  | 20    |
| Greece        | 5.16 | 21    | Georgia     | 16.22 | 16    | Morocco      | 36.88 | 21    | Burkina F     | 84.49  | 22    |
| San Marino    | 5.34 | 18    | Antigua &   | 16.25 | 18    | Sao Tome &   | 37.12 | 19    | Malawi        | 89.05  | 21    |
| Italy         | 5.51 | 21    | Oman        | 16.88 | 23    | Mongolia     | 39.88 | 22    | Nigeria       | 94.35  | 19    |
| Cuba          | 5.82 | 20    | Cook Islan  | 16.90 | 16    | Timor-Leste  | 40.65 | 15    | Djibouti      | 97.51  | 21    |
| USA           | 6.26 | 22    | Thailand    | 17.63 | 18    | Tajikistan   | 41.03 | 18    | Chad          | 98.69  | 22    |
| Croatia       | 6.37 | 19    | Bulgaria    | 17.87 | 17    | Cape Verde   | 41.35 | 18    | Guinea-Bis    | 99.82  | 22    |
| Belarus       | 6.43 | 16    | Mexico      | 18.42 | 22    | Eritrea      | 43.33 | 21    | Zambia        | 101.20 | 21    |
| Lithuania     | 6.47 | 19    | Tuvalu      | 18.43 | 16    | Kiribati     | 43.48 | 20    | Mali          | 102.05 | 22    |
| Cyprus        | 6.60 | 21    | Sri Lanka   | 18.57 | 17    | Iraq         | 43.82 | 18    | Mozambique    | 105.80 | 18    |
| Serbia        | 6.75 | 19    | Albania     | 18.62 | 16    | Bolivia      | 44.66 | 21    | Somalia       | 109.19 | 15    |
| Poland        | 6.80 | 18    | Suriname    | 18.81 | 18    | Papua New G  | 45.23 | 21    | Niger         | 116.66 | 25    |
| Slovakia      | 6.84 | 19    | Colombia    | 18.90 | 21    | Turkmenistan | 45.36 | 17    | Liberia       | 138.24 | 16    |
| Estonia       | 7.32 | 19    | Solomon I.  | 19.03 | 21    | Namibia      | 45.51 | 15    | Afghanistan   | 151.95 | 19    |
| Chile         | 7.71 | 19    | Armenia     | 20.21 | 17    | Nepal        | 47.46 | 17    | Sierra Leone  | 154.43 | 22    |
| Hungary       | 7.86 | 16    | China       | 20.25 | 19    | Bhutan       | 49.36 | 18    | Angola        | 180.21 | 22    |
| Latvia        | 8.77 | 19    | Philippines | 20.56 | 17    | Vanuatu      | 49.45 | 16    |               |        |       |
| Costa Rica    | 8.77 | 21    | Ecuador     | 20.90 | 21    | Ghana        | 51.09 | 21    |               |        |       |
| Kuwait        | 8.96 | 19    | El Salvador | 21.52 | 21    | North Korea  | 51.34 | 20    |               |        |       |

This dataset indiscriminately mixes highly developed nations with Third World nations that contain variable vaccination rates and socioeconomic heterogeneity. Six nations (Libya, Laos, Myanmar, South Africa, Venezuela, and Vietnam) were inexplicably omitted from the full dataset of 191 nations. Five nations with IMR instability (Andorra, Liechtenstein, Monaco, Nauru, and San Marino) were not excluded from the dataset as per biostatistical conventions. Several nations, such as Australia and Kazakhstan, have grossly inaccurate vaccine dose counts. Despite multiple confounding variables, a small, statistically significant positive correlation of  $r = 0.16$  ( $p < .03$ ) is reported that corroborates the positive direction of the trend revealed in the Miller-Goldman study. Source: IMRs and infant vaccine doses in the table above were provided by Nysetvold et al. (accessible from their Github repository).