Supplementary Table 1: Total MPX cases, deaths, and obesity rates of

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| Location of highest MPX cases (Top 10) | Total cases (30 April 2023) | Obesity rate (%) |
| United States (US) | 30154 | 36.20 |
| Brazil | 10915 | 22.10 |
| Spain | 7549 | 23.80 |
| France | 4144 | 21.60 |
| Colombia | 4090 | 22.30 |
| Mexico | 3965 | 28.90 |
| Peru | 3800 | 19.47 |
| United Kingdom | 3741 | 27.80 |
| Germany | 3691 | 22.30 |
| Canada | 1484 | 29.40 |

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| Location of highest MPX deaths (Top 10) | Total cases (30 April 2023) | Obesity rate (%) |
| United States (US) | 42 | 36.20 |
| Peru | 20 | 19.47 |
| Brazil | 16 | 22.10 |
| Mexico | 14 | 28.90 |
| Nigeria | 9 | 8.90 |
| Ghana | 4 | 10.90 |
| Cameroon | 3 | 11.40 |
| Ecuador | 3 | 19.90 |
| Spain | 3 | 23.80 |
| Argentina | 2 | 28.30 |