**Annex 1: Distribution of study subjects according to the risk factors for exposure to SARS-CoV-2, Tunis, March-April2021**

|  |  |  |
| --- | --- | --- |
| **Variables** | **N** | **%** |
| **Respect of preventive measures (n=1663)** |  |  |
| Frequently | 1138 | 68.4 |
| Occasionally/ Never | 525 | 31.6 |
| **Travelling abroad since December, 2019 (n=1676)** |  |  |
| Yes | 52 | 3.1 |
| No | 1624 | 96.9 |
| **Contact with a COVID-19 case within the household (n=1676)** |  |  |
| Yes | 1198 | 71.5 |
| No | 478 | 28.5 |
| **Seeking care in a health facility since the beginning of the COVID-19 pandemic in Tunisia (Mars 2020) (n=1667)** |  |  |
| Yes | 909 | 54.5 |
| No | 758 | 45.5 |
| **Means of transport used (n=1632)** |  |  |
| Car | 607 | 37.2 |
| Public transport | 441 | 27.0 |
| Bicycle/motorcycle | 14 | 0.9 |
| Different means of transport | 176 | 10.8 |
| None | 394 | 24.1 |

**Annex 2**: **Some previous SARS-CoV-2 seroprevalence surveys among general public before the beginning of mass vaccination campaigns**

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| --- | --- | --- | --- | --- | --- | --- |
| Country | References | Population size | Study period | Antibodies | Antibody detection tests | Seroprevalence (%) |
| France  | Le Vu et al[1] | 2879 | May 2020 | IgG anti-S IgG anti-N pseudo-neutralizing antibodies | In-house test (LuLISA) | 4.9 |
| UAEa  | Alsuwaidi et al[2] | 8831 | July August 2020 | IgG anti-S | Commercial test (Diasorin) | 10.4 |
| Peru, Iquitos  | Álvarez-Antonio et al[3] | 716 | July 2020 | IgG/IgM | Rapid test | 70.0 |
| Colombia, Monteria  | Mattar et al[4] | 1368 | August 2020 | IgG/IgM/IgA | Commercial test (ELISA) | 55.3 |
| Israel  | Reicher et al[5] | 54 357 | June-Sept 2020 | IgG anti-Sc | Commercial test (Diasorin) | 4.6 |
| South Sudan (Juba)  | Wiens et al[6] | 2214 | August-September 2020 | IgG anti-S-RBDd | Commercial test (Quantitative ELISA) | 22.3 |
| Oman | Al-Abri et al[7] | 4064 | November 2020 | IgG anti-S | Commercial test (Diasorin) | 22.0 |
| Sri Lanka  | Jeewandara et al[8] | 2547 | January 2021 | IgA, IgM, IgG anti-RBD | Commercial test (Wantai SARS-CoV-2 Ab ELISA) | 24.5 |
| Sierra Leone  | Barrie et al [9] | 1893 | March 2021 | IgG/IgM | Commercial Rapid test | 2.6 |
| Zimbabwe  | Fryatt et al [10] | 2340 | Feb-April 2021 | IgG anti-Nb | Commercial test Roche Elecsys | 53.0 |

a: United Arab Emirates

b: Immunoglobuline G antibodies to the nucleocapsid protein

c: Immunoglobuline G antibodies to the the spike protein

d: Immunoglobuline G antibodies to the receptor-binding domain of the spike protein

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