**Supplementary Table 1: SARS-CoV-2 hybrid immunity estimation by department in 2021 and 2022.**

The hybrid immunity was estimated based on the prevalence of anti-S1 and anti-NCP antibodies.

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| --- | --- | --- |
| **Departments** | **2021** | **2022** |
| Beni | 58.9% | ND |
| Cochabamba | 55.8% | 83.6% |
| La Paz | 57.8% | 89.8% |
| Oruro | 58.2% | ND |
| Pando | 51.4% | ND |
| Potosi | 73.6% | ND |
| Santa Cruz | 54.7% | 83.3% |
| Sucre | 67.7% | ND |
| Tarija | 60.2% | 90.6% |