**Supplemental table 2. Cohort region and iodine status at time of blood sampling**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Cohort** | **Country** | **City** | **Iodine status** | **Assessed in cohort** | **Ref** |
| **ABCD** | Netherlands | Amsterdam | Sufficient | No | According to WHO report |
| **ALSPAC** | England | Bristol | Mild-to-moderate  iodine deficiency | No | https://www.researchgate.net/publication/259426024\_Iodine\_status\_of\_women\_of\_childbearing\_age\_in\_Scotland/link/0deec52f0028a79d48000000/download |
| **Ashoor et al.** | England | London | Mild-to-moderate  iodine deficiency | No | https://link.springer.com/article/10.1007/s10653-015-9682-3 |
| **Bliddal et al.** | Denmark | Copenhagen | Mild-to-moderate  iodine deficiency | No |  |
| **Chen et al.** | China | Wenzhou | Sufficient | No |  |
| **EFSOCH** | England | Exeter | Mild-to-moderate  iodine deficiency | Yes | [Iodine deficiency amongst pregnant women in South‐West England - Knight - 2017 - Clinical Endocrinology - Wiley Online Library](https://onlinelibrary.wiley.com/doi/10.1111/cen.13268) |
| **FASTER** | United States | [Multiple] | Mild-to-moderate  iodine deficiency | No | based on NHANES data from few years earlier in women same age: https://academic.oup.com/jcem/article/92/3/1019/2597659?login=true |
| **Generation R** | Netherlands | Rotterdam | Sufficient | Yes | [Women with high early pregnancy urinary iodine levels have an increased risk of hyperthyroid newborns: the population‐based Generation R Study - Medici - 2014 - Clinical Endocrinology - Wiley Online Library](https://onlinelibrary.wiley.com/doi/10.1111/cen.12321) |
| **Ghafoor et al.** | Pakistan | Kohat | Mild-to-moderate  iodine deficiency | No |  |
| **GIRONA 1** | Spain | Figueres | Sufficient | No |  |
| **GIRONA 2** | Spain | Figueres | Sufficient | No |  |
| **HAPPY** | Netherlands | Nijmegen | Sufficient | No |  |
| **Hokkaido Study** | Japan | Sapporo | Excessive | No | partly sufficient, partly excessive, https://academic.oup.com/jcem/article/94/5/1683/2598375 |
| **Aminorroaya et al.** | Iran | Isfahan | Sufficient | No | https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6282545/ |
| **Ma'anshan Birth Cohort Study** | China | Ma'anshan | Sufficient | No |  |
| **Mosso et al.** | Chile | Santiago | Sufficient | Yes | [Thyroid-Stimulating Hormone Reference Ranges in the First Trimester of Pregnancy in an Iodine-Sufficient Country (e-enm.org)](https://www.e-enm.org/journal/view.php?doi=10.3803/EnM.2018.33.4.466) |
| **NFBC** | Finland | Oulu | Sufficient | No |  |
| **Popova et al.** | Russia | St. Petersburg | Mild-to-moderate  iodine deficiency | No |  |
| **Poppe et al.** | Belgium | Brussels | Mild-to-moderate  iodine deficiency | No | https://onlinelibrary.wiley.com/doi/full/10.1111/cen.13340 |
| **Rhea** | Greece | Crete | Sufficient | No |  |
| **Project Viva** | United States | Boston | Sufficient | No |  |
| **Western Australia** | Australia | Perth | Sufficient | No |  |
| **Wijnen & Pop** | Netherlands | Eindhoven | Sufficient | No |  |