**Supplementary Material 1. Survey questions: Long-term health conditions in GPPS and USoc**

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| **Measure** | **Question** | **Answer Options** |
| Long-term health conditions  (GPPS) | Which, if any, of the following medical conditions do you have?  Please tick all the boxes that apply to you | Alzheimer’s disease or dementia  Angina or long-term heart problem  Arthritis or long-term joint problem  Asthma or long-term chest problem  Blindness or severe visual impairment  Cancer in the last 5 years  Deafness or severe hearing impairment  Diabetes  Epilepsy  High blood pressure  Kidney or liver disease  Long-term back problem  Long-term mental health problem  Long-term neurological problem  Another long-term condition  None of these conditions  I would prefer not to say |
| Long-term health conditions  (Understanding Society) | Has a doctor or other health professional ever told you that you have any of these conditions?  Please select all that apply. | Asthma  Arthritis  Congestive heart failure  Coronary heart disease  Angina  Heart attack or myocardial infarction  Stroke  Emphysema  Chronic bronchitis  COPD  Cystic fibrosis  Hypothyroidism  Any kind of liver condition  Cancer or malignancy  Diabetes  Epilepsy  High blood pressure/hypertension  Emotional, nervous/psychiatric problem  Multiple Sclerosis  H.I.V.  Chronic kidney disease  Conditions affecting the brain and nerves  Problems with your spleen  Sickle cell disease  Are very overweight (BMI>40)  Other long standing/chronic condition  None of these |

Rare health conditions reported in response to this question were combined with the “other” category, to reduce risks of disclosure. The rare conditions recoded in this way are H.I.V., problems with spleen or removed spleen, cystic fibrosis, and sickle cell disease.

The first question in this table (GPPS) has been reproduced from NHS Group, Department of Health (Refreshing the NHS Outcomes Framework 2015- 2016 Stakeholder Engagement, available online https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\_data/file/341391/14-07-30\_NHS\_Outcomes\_Framework\_Stakeholder\_Engagement\_Document.pdf ) and contains public sector information licensed under the Open Government Licence v3.0 (<https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/>). Both links, last accessed January 2022.