**Supplementary table 1.** Participants’ socio-demographic characteristics stratified by perinatal HIV exposure and infection status

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Total  N=513 (%) | HIV1  n=19 (%) | HEU2  n=74 (%) | HIV-E3  n=8 (%) | HUU4  n=412 (%) |
| Sex |  |  |  |  |  |
| *Male* | 277 (54.0%) | 10 (52.6%) | 44 (59.5%) | 5 (62.5%) | 218 (52.9%) |
| *Female* | 236 (46.0%) | 9 (47.4%) | 30 (40.5%) | 3 (37.5%) | 194 (47.1%) |
| Age |  |  |  |  |  |
| *Median Age (IQR) months* | 10 (4, 25) | 19 (8, 56) | 10 (4, 18) | 7 (4, 10) | 10 (4, 26) |
| *<1 year* | 276 (53.8%) | 6 (31.6%) | 44 (59.5%) | 6 (75.0%) | 220 (53.4%) |
| *1 – 4 years* | 177 (34.5%) | 8 (42.1%) | 24 (32.4%) | 1 (12.5%) | 144 (35.0%) |
| *5 – 12 years* | 60 (11.7%) | 5 (26.3%) | 6 (8.1%) | 1 (12.5%) | 48 (11.7%) |
| Ethnicity |  |  |  |  |  |
| *Black* | 337 (65.7%) | 17 (89.5%) | 73 (98.6%) | 6 (75.0%) | 241 (58.5%) |
| *Coloured/Mixed ancestry* | 164 (32.0%) | 2 (10.5%) | 1 (1.4%) | — | 161 (39.1%) |
| *Other ethnicity* | 1 (0.2%) | — | — | — | 1 (0.2%) |
| *Unknown5* | 11 (2.1%) | — | — | 2 (25.0%) | 9 (2.2%) |
| Crèche attendance6 |  |  |  |  |  |
| *Yes* | 129 (25.1%) | 9 (47.4%) | 16 (21.6%) | 3 (37.5%) | 101 (24.5%) |
| *No* | 380 (74.1%) | 10 (52.6%) | 57 (77.0%) | 5 (62.5%) | 308 (74.8%) |
| *Unknown5* | 4 (0.8%) | — | 1 (1.4%) | — | 3 (0.7%) |
| Feeding at ≤4 months |  |  |  |  |  |
| *Breast milk* | 390 (76.0%) | 17 (89.5%) | 46 (62.2%) | 5 (62.5%) | 322 (78.2%) |
| *Breast milk & formula* | 108 (21.1%) | 2 (10.5%) | 27 (36.5%) | 3 (37.5%) | 76 (18.4%) |
| *Formula (never breastfed)* | 14 (2.7%) | — | 1 (1.4%) | — | 13 (3.2%) |
| *Unknown5* | 1 (0.2%) | — | — | — | 1 (0.2%) |
| Feeding at >4 months |  |  |  |  |  |
| *Breast milk* | 9 (1.8%) | — | 1 (1.4%) | — | 8 (1.9%) |
| *Breast milk & formula* | 468 (91.2%) | 15 (78.9%) | 65 (87.8%) | 8 (100%) | 380 (92.2%) |
| *Formula (never breastfed)* | 11 (2.1%) | — | 2 (2.7%) | — | 9 (2.2%) |
| *Unknown5* | 25 (4.9%) | 4 (21.1%) | 6 (8.1%) | — | 15 (3.6%) |

*1Children living with HIV; 2HIV-exposed uninfected; 3HIV-exposed but child infection status unknown; 4HIV-unexposed uninfected; 5missing data; 6preschool*