**Supplemental Digital Content 1. Figure – Age-specific HIV prevalence in children <15 years, estimated in MPHIA and evolution of PMTCT and option B+ in Malawi.**

**Chart, waterfall chart

Description automatically generated**

MPHIA field work

(2015 – 16)

Malawi introduces lifelong ART to HIV-positive pregnant women in 2012

Single dose NVP for mother and child at birth introduced in 2004

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| **Supplemental Digital Content 2. Table – Age at initiation of antiretroviral treatment among HIV positive children <15 years, Malawi Population-based HIV Impact Assessment, 2015-16** | | | |
| **Variable** | **Count** | **Median age at ART initiation (years)** | **Interquartile range** |
| All, 0-14 y | 39 | 3.0 | 1.9 - 4.6 |
| Age at the time of the survey (year) | | |  |
| 0-4 | 8 | 1.2 | 0.0 - 2.0 |
| 5-9 | 11 | 3.1 | 2.1 - 4.0 |
| 10-14 | 20 | 5.0 | 3.7 - 10.1 |
| Sex |  |  |  |
| Male | 24 | 2.7 | 1.0 - 4.0 |
| Female | 15 | 4.2 | 2.6 - 7.3 |
| Residence |  |  |  |
| Urban | 14 | 1.8 | 1.2 - 6.2 |
| Rural | 25 | 3.2 | 1.2 - 4.0 |