

Countries that need to incorporate the WHO charts into existing national health cards have to locally reproduce the charts to fit the format of the health cards. These expanded tables are required to reproduce growth charts with adequate precision.

They provide:

- a) the centiles with 3 decimal precision;
- b) age in days for age-based indicators;
- c) additional centiles.

To reproduce the WHO charts, the following technical notes are very important:

1. BMI-for-age charts present discontinuity between 730 and 731 days, as the measurement used to calculate body mass index changes from recumbent length to standing height at the age of two years.

2. The tables provided for constructing curves are in days for age-based indicators. To convert this scale to months in producing the charts, the correct conversion is
1 month = 30.4375 days

Thus 2 months correspond to 60.875 days
10 months correspond to 304.375 days
24 months correspond to 730.5 days
and so forth...

3. The age-based indicator tables extend to one day before 61 completed months, i.e., to 1856 days (equivalent to 60.98 months) to accommodate up to 60 completed months.

4. Once the WHO charts are reproduced by a graphic designer, we strongly recommend careful checking of the curves as they may shift depending on the graphics program used, printer, or any other uncontrollable factor. Ideally a systematic check of the lines should be done against the WHO data tables.

Disclaimer

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