Body Mass Index (BMI) = \frac{\text{weight (kg)}}{\text{height (m)} \times \text{height (m)}}

Yearly increments in height
valid for measuring intervals from 10.2 – 13.8 months (0.85 – 1.15 years)

increment (cm/year) = \frac{(g_2 - g_1)/(t_2 - t_1)}{2}, \text{ at age } (t_1 + t_2)/2

"use WHO criteria from 18 years onwards:
obesity, BMI ≥ 30 kg/m²
overweight, BMI ≥ 25 kg/m²
thinness, BMI < 18.5 kg/m²²
severe thinness, BMI < 16 kg/m²²

BMI,  kg
m

age, years

growth velocity,  cm
year

age at mid-interval, years

Growth chart 2 – 20 years
Boys

WHO criteria, from 18 years onwards *

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