

Definitions of moderate and severe acute malnutrition based on World Health Organization (WHO) tables and charts[±]

Children 0-5 years

Indicator	Moderate Acute Malnutrition	Severe Acute Malnutrition
Weight for height/length z-score	$\geq -3 Z^*$ and $< -2 Z$	$< -3 Z$
Bilateral Edema	None	Presence of bilateral edema
Mean Upper Arm Circumference (MUAC) if difficult to measure due to medical condition	MUAC-age-Z-score in MiMOSA	MUAC-age- Z-score in MiMOSA
	Broad cutoff: <u>Starting from 6 months</u> $\geq 115\text{mm}$ and $<125\text{mm}$	Broad cutoff: <u>Starting from 6 months</u> $<115\text{mm}$

Children 6-18 years

Indicator	Moderate Acute Malnutrition	Severe Acute Malnutrition
Body mass index z-score	$\geq -3 Z^*$ and $< -2 Z$	$< -3 Z$
Bilateral Edema	None	Presence of bilateral edema
Mean Upper Arm Circumference (MUAC) if difficult to measure due to medical condition	6-10 years $\geq 135\text{mm}$ and $<145\text{mm}$	6-10 years $<135\text{mm}$
	10-18 years $\geq 160\text{mm}$ and $<190\text{mm}$	10-18 years $<160\text{mm}$

Adults >18 years

Indicator	Moderate Acute Malnutrition	Severe Acute Malnutrition
Body mass index (BMI)	≥ 16 and $< 17 \text{ kg/m}^2$	$\text{BMI} < 16 \text{ kg/m}^2$
Bilateral Edema	None	Presence of bilateral edema
MUA, if difficult to measure due to medical condition	$\geq 190\text{mm}$ and $<220\text{mm}$	$<190\text{mm}$

Pregnant women

Indicator	Moderate Acute Malnutrition	Severe Acute Malnutrition
Bilateral Edema	None	Presence of bilateral edema
MUA, if difficult to measure due to medical condition	$\geq 214 \text{ mm and } \leq 221 \text{ mm}$	<214

±Definitions based on World Health Organization (WHO) information.

WHO Weight-for-Length Reference Cards (child < 87cm) and Weight-for-Height Reference Cards (Child ≥87cm) can be used as a reference to determine a child's z-score.

*Z= z-score. Please note, the z-score from the reference card should be cross-checked with IOM Migrant Management Operational System Application (MiMOSA).