

Body Temperature Reference Chart

Normal, fever and hypothermia ranges for adults, children and infants — °C & °F

CATEGORY	CELSIUS (°C)	FAHRENHEIT (°F)
Severe hypothermia	< 28.0	< 82.4
Moderate hypothermia	28.0 – 32.0	82.4 – 89.6
Mild hypothermia	32.0 – 35.0	89.6 – 95.0
Below normal	35.0 – 36.1	95.0 – 97.0
Normal range	36.1 – 37.2	97.0 – 99.0
Low-grade fever	37.3 – 38.0	99.1 – 100.4
Moderate fever	38.1 – 39.4	100.5 – 103.0
High fever	39.5 – 41.0	103.1 – 105.8
Hyperpyrexia (emergency)	> 41.0	> 105.8

Normal Range by Age

AGE GROUP	°C	°F
Newborns (0–3 mo)	36.5–37.5	97.7–99.5
Infants (3–12 mo)	36.0–37.4	96.8–99.3
Children (1–10 yr)	36.1–37.8	97.0–100.0
Adults (11–65 yr)	36.1–37.2	97.0–99.0
Older adults (65+)	35.8–36.9	96.4–98.4

By Measurement Method

METHOD	°C	°F
Rectal (reference)	37.0	98.6
Oral (mouth)	36.8	98.2
Tympanic (ear)	36.9	98.4
Temporal (forehead)	36.6	97.9
Axillary (armpit)	36.5	97.7

When to seek medical attention

- **Infants under 3 months:** any reading $\geq 38.0^{\circ}\text{C}$ (100.4°F) — contact clinician same day.
- **Children:** fever $> 38.9^{\circ}\text{C}$ (102°F) with lethargy, rash, stiff neck, or breathing difficulty.
- **Adults:** fever $> 39.4^{\circ}\text{C}$ (103°F), or any fever lasting > 3 days.
- **Any age — emergency:** $> 41^{\circ}\text{C}$ (105.8°F), or $< 35^{\circ}\text{C}$ (95°F) with confusion or shivering stopped.