

CORRECTION

Correction: One Size Does Not Fit All: Assuming the Same Normal Body Temperature for Everyone is Not Justified

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In [Table 1](#), the last row “Younger Men” is missing. There are also errors in how the temperature ranges are displayed throughout the table and multiple cells in the fourth column are incorrectly written as “n/a”. Please see the correct table [here](#).



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Table 1. Summary of oral temperature results in Celsius and Fahrenheit.

	N	Mean Age in years (sd)	% who were Female	Mean Temp. (sd)	Range of Mean Temp.	Range of Indiv. Temp. Readings	Mean Temp. upon Waking (sd)	Range of Mean Early a.m. Temp.	Range of Indiv. Temp. Readings in early a.m.
All participants	96	30.4 (10.7)	56%	36.1° (0.42) 97.0° (0.76)	35.2° - 37.4° 95.4° - 99.3°	32.4° - 37.7° 90.3° - 99.9°	36.1° (0.46) 97.0° (0.83)	35.0° - 37.3° 95.0° - 99.1°	33.5° - 37.5° 92.3° - 99.5°
All Men	42	30.6 (10.7)	0	36.0° (0.34) 96.8° (0.61)	35.4° - 37.0° 95.7° - 98.6°	32.4° - 37.7° 90.3° - 99.9°	36.0° (0.40) 96.8° (0.72)	35.0° - 37.2° 95.0° - 99.0°	33.5° - 37.4° 92.3° - 99.3°
All Women	54	30.2 (10.8)	100%	36.2° (0.46) 97.2° (0.83)	35.2° - 37.4° 95.4° - 99.3°	33.8° - 37.7° 92.8° - 99.9°	36.2° (0.48) 97.2° (0.86)	35.3° - 37.3° 95.5° - 99.1°	34.4° - 37.5° 93.9° - 99.5°
43–67 years olds	19	46.6 (6.2)	58%	36.0° (0.20) 96.8° (0.36)	35.6° - 36.4° 96.1° - 97.5°	34.7° - 37.2° 94.5° - 99.0°	36.0° (0.28) 96.8° (0.50)	35.4° - 36.5° 95.7° - 97.7°	34.7° - 37.2° 94.5° - 99.0°
18–42 years olds	77	26.3 (7.1)	56%	36.1° (0.46) 97.0° (0.83)	35.2° - 37.4° 95.4° - 99.3°	32.4° - 37.7° 90.3° - 99.9°	36.1° (0.49) 97.0° (0.88)	35.0° - 37.3° 95.0° - 99.1°	33.5° - 37.5° 92.3° - 99.5°
Older Women	11	46.0 (4.9)	100%	36.0° (0.14) 96.8° (0.25)	35.8° - 36.2° 96.4° - 97.2°	35.1° - 36.9° 95.2° - 98.4°	36.1° (0.27) 97.7° (0.49)	35.5° - 36.5° 95.9° - 97.7°	35.2° - 36.9° 95.4° - 98.4°
Younger Women	43	26.1 (7.7)	100%	36.3° (0.50) 97.3° (0.90)	35.2° - 37.4° 95.4° - 99.3°	33.8° - 37.7° 92.8° - 99.9°	36.3° (0.52) 97.3° (0.94)	35.3° - 37.3° 95.5° - 99.1°	34.4° - 37.5° 93.9° - 99.5°
Older Men	8	47.5 (7.9)	0	35.9° (0.26) 96.6° (0.47)	35.6° - 36.4° 96.1° - 97.5°	34.7° - 37.2° 94.5° - 99.0°	36.0° (0.30) 96.8° (0.54)	35.4° - 36.2° 95.7° - 97.2°	34.7° - 37.2° 94.5° - 99.0°
Younger Men	34	26.6 (6.5)	0	36.0° (0.36) 96.8° (0.65)	35.4° - 37.0° 95.7° - 98.6°	32.4° - 37.7° 90.2° - 99.0°	36.0° (0.42) 96.8° (0.76)	35.0° - 37.2° 95.0° - 99.0°	33.5° - 37.4° 92.3° - 99.3°
	N	Mean Age in years (sd)	% who were Female	Mean Temp. just before going to bed (sd)	Range of Mean Bedtime Temp.	Range of Indiv. Temp. Readings at bedtime	Mean Change in Temp. overnight (sd)	Range of Mean Overnight Change in Temp.	Range of Indiv. Temp. Change from Bedtime to Waking
All participants	96	30.4 (10.7)	56%	36.1° (0.45) 97.0° (0.81)	35.0° - 37.3° 95.0° - 99.1°	32.4° - 37.7° 90.3° - 99.9°	-0.03° (0.33) -0.05° (0.59)	-1.19° to 1.06° -2.14° to 1.91°	-4.70° to 1.94° -8.46° to 3.49°
All Men	42	30.6 (10.7)	0	36.0° (0.37) 96.8° (0.67)	35.1° - 36.7° 95.2° - 98.1°	32.4° - 37.7° 90.3° - 99.9°	-0.03° (0.38) -0.05° (0.68)	-1.19° to 1.06° -2.14° to 1.91°	-4.70° to 1.94° -8.46° to 3.49°
All Women	54	30.2 (10.8)	100%	36.2° (0.48) 97.2° (0.86)	35.1° - 37.4° 95.2° - 99.3°	33.8° - 37.7° 92.8° - 99.9°	-0.03° (0.30) -0.05° (0.54)	-0.69° to 0.66° -1.24° to 1.19°	-2.40° to 1.50° -4.32° to 2.70°
43–67 years olds	19	46.6 (6.2)	58%	36.0° (0.27) 96.8° (0.49)	35.6° - 36.7° 96.1° - 98.1°	35.1° - 37.1° 95.2° - 98.8°	-0.02° (0.37) -0.04° (0.67)	-0.69° to 0.67° -1.24° to 1.21°	-2.00° to 1.17° -3.60° to 2.11°
18–42 years olds	77	26.3 (7.1)	56%	36.1° (0.48) 97.0° (0.86)	35.1° - 37.4° 95.2° - 99.3°	32.4° - 37.7° 90.3° - 99.9°	-0.03° (0.32) -0.05° (0.58)	-1.19° to 1.06° -2.14° to 1.91°	-4.70° to 1.94° -8.46° to 3.49°
Older Women	11	46.0 (4.9)	100%	36.0° (0.22) 96.8° (0.40)	35.6° - 36.3° 96.1° - 97.3°	35.1° - 36.7° 95.2° - 98.1°	-0.03° (0.39) -0.05° (0.70)	-0.69° to 0.61° -1.24° to 1.10°	-1.30° to 1.11° -2.34° to 2.00°
Younger Women	43	26.1 (7.7)	100%	36.2° (0.52) 97.2° (0.94)	35.1° - 37.4° 95.2° - 99.3°	33.8° - 37.7° 92.8° - 99.9°	-0.02° (0.27) -0.04° (0.49)	-0.66° to 0.66° -1.19° to 1.19°	-2.40° to 1.50° -4.32° to 2.70°
Older Men	8	47.5 (7.9)	0	36.0° (0.33) 96.8° (0.59)	35.6° - 36.7° 96.1° - 98.1°	35.1° - 37.1° 95.2° - 98.8°	0° (0.36) 32.0° (0.65)	-0.40° to 0.67° -0.72° to 1.21°	-2.00° to 1.17° -3.60° to 2.11°
Younger Men	34	26.6 (6.5)	0	36.0° (0.39°) 96.8° (0.70°)	35.1° to 36.7° 95.2° to 98.1°	32.4° to 37.7° 90.3° to 99.9°	-0.03° (0.39°) -0.05° (0.70°)	-1.19° to 1.06° -2.1° to 1.9°	-4.70° to 1.94° -8.5° to 3.5°

Temperatures in the upper rows are in Celsius and those in the lower rows are in Fahrenheit.

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Reference

1. Diamond A, Lye CT, Prasad D, Abbott D (2021) One size does not fit all: Assuming the same normal body temperature for everyone is not justified. PLOS ONE 16(2): e0245257. <https://doi.org/10.1371/journal.pone.0245257> PMID: 33534845