

50% <- || -> 50%

SD of Individual Weights: 38.7 (lbs)

$n = 1$

100 120 140 160 180 200 220 240 260 280 300 Individual Weights
Reported Weights, US Adults, 2014–2018

SD of Sum: 57.9

SD of Mean: 29

$n = 2$

200 240 280 320 360 400 440 480 520 560 600 Sum of 2 Weights
100 120 140 160 180 200 220 240 260 280 300 **Mean of 2 Weights**

SD of Sum: 93.8

SD of Mean: 23.4

$n = 4$

400 480 560 640 720 800 880 960 1040 1120 1200 Sum of 4 Weights
100 120 140 160 180 200 220 240 260 280 300 **Mean of 4 Weights**

SD of Sum: 158.4

SD of Mean: 19.8

$n = 8$

800 960 1120 1280 1440 1600 1760 1920 2080 2240 2400 Sum of 8 Weights
100 120 140 160 180 200 220 240 260 280 300 **Mean of 8 Weights**

SD of Sum: 285.9

SD of Mean: 17.9

$n = 16$

1600 1920 2240 2560 2880 3200 3520 3840 4160 4480 4800 Sum of 16 Weights
100 120 140 160 180 200 220 240 260 280 300 **Mean of 16 Weights**