Online Supplemental Material

Supplemental Data

Usual distribution, uncorrected observed distribution, and reference distribution for vitamin D intake

![Vitamin D Intake Graph]

**Online FIGURE.** Usual, uncorrected observed, and reference distributions: Vitamin D intake for adults 19-70 y, NHANES 2005-2006 (n=3,871). Usual distribution (SD=23.9 μg/d) is corrected for WPV and derived using PC-Side software; uncorrected observed distribution (SD=24.6 μg/d) is as reported from SAS System for Windows and is without WPV correction; reference distribution (SD=2.5 μg/d) is from the Institute of Medicine [5] and identified as normal and symmetrical. X-axis indicates intake values. Estimated probability function (y-axis) indicates frequency of each intake amount in the sample.