





**NUMBER OF VALIDATION/CALIBRATION STUDIES, BY  
POPULATION AND ASSESSMENT AND REFERENCE METHOD**

Population and Assessment Method	Number of Studies*	Reference Method											
		Biomarker Validity		Relative Validity									
		Doubly Labeled Water	Other Biomarkers**	Weighed Food Records	Estimated Food Records	Diet History	24-Hour Recall	Food Frequency Questionnaire	Direct Weigh Formula	Test Weighing	Direct Observation	Duplicate Diet	Weighed Plate Waste
Other Questionnaires	3			1							2		
Estimated Food Records	1	1									1		
<b>Adolescents (13-18 years)</b>													
24-Hour Recall	2	1			1								
Food Frequency	9	1	1	1			6						
Diet History and Food Records	2	2	1										
Diet History	1	1	1										
Weighed Food Record	2	1	1										
Estimated Food record	1	1											
Other Questionnaires	8			1	4		3						
<b>Food-Borne Exposure</b>													
24-Hour Recall	1											1	

\* Studies may have used more than one assessment methodology.

\*\* Biomarkers include urine or blood analyses, heart rate monitoring and BMR by indirect calorimetry.