

III

Application of DRIs for Group Diet Assessment

The focus of Part III is on applying the appropriate DRIs for dietary assessment of groups.

Chapter 4 provides the statistical basis for the use of the Estimated Average Requirement (EAR) in assessing nutrient adequacy of groups. The chapter begins with a basic discussion of the concept of assessing the prevalence of inadequate nutrient intakes and then develops the statistical approaches for estimating this prevalence. Assumptions required for the use of the statistical approaches are discussed, as is the need for adjusting intake distributions.

Using the Adequate Intake (AI) for group-level assessment of nutrient adequacy is discussed in Chapter 5. Guidance on the extent to which the Tolerable Upper Intake Level (UL) can be used to estimate the prevalence of risk of adverse effects in groups is provided in Chapter 6.

Specific guidance with examples on appropriate applications of the DRIs for group assessment purposes is provided in Chapter 7. In this chapter, the methodological approaches described in Chapters 4, 5, and 6 are applied to some of the specific uses of dietary reference standards reported in Chapter 2. Three specific applications are presented and discussed.

