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Comparison of hypothesized infant feeding regimes of beef and chicken meals with vegetable

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This paper compares a hypothesized infant feeding regime of chicken and vegetable meals with another consisting of beef and vegetable plus infant formula milk catering for lunch and dinner for eight months infants. This is an analysis from a research that determined the levels of eight trace elements namely cadmium, copper, iron, lead, manganese, nickel, selenium and zinc and five minerals (calcium, magnesium, phosphorous, potassium and sodium) in brands of baby foods from the market using ICP-AES and ICP-MS. Based on a hypothesized infant feeding regime of

chicken and vegetable that includes infant formula milk, lunch and dinner for eight months infants, the average daily consumptions of calcium, copper, iron, magnesium and sodium were within the Recommended Nutrient Intake (RNI). Values above the RNI were suggested in potassium, selenium and zinc by 19 mg/day, 1.4µg/day and 0.1 mg/day respectively. However, the levels were within the Tolerable Upper Limits.

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