**Supplementary table.** Adjusted scoring system for the components of the Chinese Children Dietary Index, a measure of overall diet quality for Chinese school-aged children.

|  |  |  |  |
| --- | --- | --- | --- |
| **Chinese Children Dietary Index component** | **Range of score (points)** | **Criteria for maximum score** | **Criteria for minimum score** |
| **Food Groups** a |  |  |  |
| Grains b | 0-10 | 140-160g/1,000kcal | 0 or >320g/1,000kcal |
| Vegetables c | 0-10 | ≥175g/1,000kcal | 0g/1,000kcal |
| Fruits | 0-10 | ≥110g/1,000kcal | 0g/1,000kcal |
| Dairy and dairy products | 0-10 | ≥110g/1,000kcal | 0g/1,000kcal |
| Soybeans and its products | 0-10 | ≥17g/1,000kcal | 0g/1,000kcal |
| Meat | 0-10 | 25-35g/1,000kcal | 0 or >70g/1,000kcal |
| Fish and shrimp | 0-10 | ≥30g/1,000kcal | 0g/1,000kcal |
| Eggs | 0-10 | 12.5-22.5g/1,000kcal | 0 or 45g/1,000kcal |
| SSBs d | 0-10 | 0mL/day | ≥1 serving/day |
| **Nutrients** |  |  |  |
| Vitamin A e | 0-10 | ≥100% RNI/day | 0% RNI/day |
| Fat f | 0-10 | 20%-30% E/day | 0% or >60% E/day |
| Dietary fiber | 0-10 | ≥14g/1,000kcal | 0g/1,000kcal |
| **Diet variety** | 0-10 | >1 serving of food from each of these groups (grains, vegetables, fruits, dairy/beans, and meat/fish/eggs) | <1 serving of food from each of these groups (grains, vegetables, fruits, dairy/beans, and meat/fish/eggs) |
| **Behaviors** |  |  |  |
| Breakfast and dinner | 0-10 | Eating breakfast and having dinner with parents regularly | Skipping breakfast and not having dinner with parents regularly |
| Energy balance | 0-10 | 0.9 EER g≤EI h≤1.1 EER | EI=0 or EI≥2.2 EER |
| **CCDI i total score** | 0-150 |  |  |

a To characterize diet quality, consumption of food groups were expressed on a per-1,000-calorie basis in the CCDI.

b Because grains, meat, and eggs should be consumed moderately, consumption between the lowest and highest recommended amount per 1,000kcal according to the Chinese Dietary Guidelines (2007) was chosen as the standard for the maximum score.

c Vegetables, fruits, dairy and dairy products, soybeans and its products, and fish and shrimp should be consumed sufficiently. The lowest recommended amount per 1,000kcal according to the Chinese Dietary Guidelines (2007) was chosen as the standard for the maximum score for these adequacy food groups.

d SSBs=sugar-sweetened beverages. SSBs were defined as beverages with added sugar, such as lemonades, fruit drinks, ice teas, soft drinks (soda pop), sport drinks, tea and coffee drinks, and sweetened milks. One serving is 250mL.

e RNI=Recommended Nutrient Intakes. RNI of vitamin A: 500μgRAE/day (children aged 7 to 10y), 630μgRAE/day (girls aged 11 to 12y), 670μgRAE/day (boys aged 11 to 12y).

f E=energy. Consumption of fat within the AMDR (acceptable macronutrient distribution range) was chosen as the standard for the maximum score.

g EER=estimated energy requirement.

h EI=energy intake.

i CCDI=Chinese Children Dietary Index.