**Supplemental Table: Summary of Short Dietary Assessment Instruments Capturing Fruit and Vegetable Intakea**

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| --- | --- | --- | --- | --- | --- |
| **Validation Study** | **Name of Instrument, if applicable** | **Dietary Factors Assessed** | **Format** | **Number**  **of**  **Items** | **Race of Validation Study Population** |
| Alcantara I1 | BRFSS Fruit and Vegetable Consumption Module | fruits and vegetables | FFQ | 6 | African-American |
| Andersen LF2 |  | fruits and vegetables, fat | FFQ | 27 | Not specified |
| Apovian CM3 | DASH Online Questionnaire | fruits and vegetables, whole grains, low-fat dairy products, meats, sugary sweets, fat, nuts/seeds/legumes | checklist | 74 | Not specified |
| Ashton L4 | The Fruit And Vegetable Variety index (FAVVA) | fruits and vegetables | FFQ | 35 | Not specified |
| Béliard S5 | NLSChol Questionnaire | fruits and vegetables, dietary fats, bread and carbohydrates, phytosterols | FFQ | 11 | Not specified |
| Bell LK6 | Toddler Dietary Questionnaire (TDQ) | fruits and vegetables, dairy, high-fat foods, high-sugar foods, high-salt foods, sweetened beverages | FFQ | 19 | Not specified |
| Bleiweiss-Sande R7 | Fueling Learning through Exercise (FLEX) dietary questionnaire | fruits and vegetables, snacks, beverages | FFQ | 39 | Not specified |
| Block G8 |  | fruits and vegetables, fats | FFQ | 22 | Multiple |
| Bogers RP9 |  | fruits and vegetables | FFQ | 8 | Not specified |
| Bully P10 | Prescribe Healthy Life Screening Questionnaire (Prescribe Vida Saludable; PVS-SQ) | fruits and vegetables | FFQ | 12 (2 specifically on diet) | Not specified |
| Cook A11 | Five-item questionnaire for vegetable | vegetables | FFQ | 5 | Not specified |
| Cook A11 | Single Question (SQ) for Fruit | fruits | FFQ | 1 | Not specified |
| Cook A11 | Single Question (SQ) for Vegetable | vegetables | FFQ | 1 | Not specified |
| Cullen KW12 | Fruit, juice and vegetable (FJV) FFQ | fruits and vegetables (fruit, juice, and vegetables) | FFQ | 24 | Mostly Black |
| Eaton DK13 | CDC's Youth Risk Behavior Surveillance System (YRBSS) Fruit and Vegetable Intake Questions and Alternative Questions | fruits and vegetables | FFQ | 6; 6; 2 | Not specified |
| Field AE14 | Behavioral Risk Factor Surveillance System (BRFSS) questionaire | fruits and vegetables | FFQ | 6 | Multiple |
| Field AE14 | Youth Risk Behavior Surveillance System (YRBSS) questionnaire | fruits and vegetables | FFQ | 4 | Multiple |
| Flood VM15 |  | fruits and vegetables, lean meat, processed meat, take-away food, snack foods, potato crisps and confectionary, soft drinks/cordials, juice, milk, water | FFQ | 17 | Not specified |
| Fowke JH16 |  | cruciferous vegetables | FFQ | 37 | Not specified |
| Gadowski AM17 | Australian Short Dietary Screener (Aus-SDS) | vegetables, fruits, legumes and beans, cereals, protein sources and dairy sources | FFQ | 6 | Not specified |
| Gans KM18 | Rapid Eating and Activity Assessment (REAP) | fruits and vegetables, whole grains, calcium-rich foods, fat, saturated fat and cholesterol, sugar-containing foods and beverages, sodium, alcoholic beverages | FFQ | 27 | Mostly white |
| Gilsing A19 | Short Diet Questionnaire (SDQ) | fruits and vegetables, fats, fiber, calcium, vitamin D, whole grains, calcium-fortified foods and beverages | FFQ | 30 | Not specified |
| Greene GW20 | NCI fruits and vegetables screener | fruits and vegetables | FFQ | 19 | Multiple |
| Hendrie GA21 |  | fruits and vegetables, milk type | FFQ | 3 | Not specified |
| Hendrie GA22 | Short Food Survey | fruits and vegetables, breads and cereals, meat and alternatives, dairy, beverages | FFQ | 38 | Not specified |
| Huang YC23 | Simplified food frequency questionnaire | fruits and vegetables, food group patterns, grain, dairy, meat, fish, egg, soy | FFQ | 37 | Fukienese, Hakka, Mainlander, Aboriginal |
| Hunsberger M24 | Block Kids Food Screener | fruits and vegetables, dairy, whole grains, protein sources, saturated fat, added sugar | FFQ | 41 | Not specified |
| Jilcott SB25 | Modified dietary risk assessment | fruits and vegetables, fat, fiber | Index | 54 | Not specified |
| Johnson F26 | Adolescent Food Habits Checklist | fruits and vegetables, healthy eating behaviors, energy-dense foods | behavioral questionnaire | 23 | Mostly white |
| Kristal AR27 | 5-A-DAY questionnaire | fruits and vegetables | FFQ | 7 | Multiple |
| Laviolle B28 |  | fruits and vegetables, saturated fatty acids, mono-unsaturated fatty acids, polyunsaturated fatty acids | FFQ | 14 | Not specified |
| Lean MEJ29 | Dietary Targets Monitor | fruits and vegetables, fish, starchy foods | FFQ | 9 | Not specified |
| Leppälä J30 | Index of Diet Quality | fruits, vegetables, and berries; whole grain foods; fat-containing foods; sugar-rich foods; dairy; supplements; meal pattern; alcohol | FFQ | 55 | Not specified |
| Lillegaard ITL31 |  | fruits and vegetables, high-fat foods, high-sugar foods | FFQ | 23 | Not specified |
| Ling AM32 |  | fruits and vegetables, cereals | FFQ | 16 | Not specified |
| Magarey A33 | Children's Dietary Questionnaire | fruits and vegetables, fat from dairy, sweetened beverages, non-core foods | FFQ | 28 | Not specified |
| Mainvil LA34 |  | fruits and vegetables | FFQ | 5-item and 12-item (2 fruit questionnaires); 5-item and 15-item (2 vegetable questionnaires) | Largely European |
| Murphy S35 | Food Behavior Checklist | fruits and vegetables, fat, fiber, dairy, salt, diety quality, food security, food expenditure | Checklist | 39 | Multiple |
| Neuhouser36 | Beverage and snack questionnaire | fruits and vegetables, soft drinks, salty snacks, sweets, milk | FFQ | 19 | Multiple |
| Plaete J37 | Fruit Test | fruits | FFQ | 17 | Not specified |
| Plaete J37 | Vegetable Test | vegetables | FFQ | 13 | Not specified |
| Prochaska JJ38 | Fruit and vegetable brief | fruits and vegetables | FFQ | 2 | Multiple |
| Resincow K39 |  | fruits and vegetables | FFQ | 2 | Black |
| Resincow K39 |  | fruits and vegetables | FFQ | 7 | Black |
| Resincow K39 |  | fruits and vegetables | FFQ | 36 | Black |
| Rifas-Shiman40 | PrimeScreen | fruits and vegetables, whole grains, dairy, fish, red meats, fatty foods, vitamins and supplements | FFQ | 25 | Multiple |
| Serdula M41 | BRFSS fruits and vegetable module | fruits and vegetables | FFQ | 6 | Multiple |
| Spencer EH42 | Healthy doc diet screener | fruits and vegetables, fat | FFQ | 43 | Multiple |
| Thompson FE (Colón-Ramos et al)43 | CHIS 2005 2-factor screener (NCI) | fruits and vegetables, added sugars | FFQ | 11 | Hispanic |
| Thompson FE44 | NCI All-day screener | fruits and vegetables | FFQ | 9 | Not specified |
| Thompson FE44 | NCI By-meal screener | fruits and vegetables | FFQ | 13, 14 | Not specified |
| Thompson FE45 | NCI Multifactor screener | fruits and vegetables, energy from fat and fiber | FFQ | 17 | Not specified |
| Thompson FE46 | NCI new F&V screener | fruits and vegetables | FFQ | 16 | Multiple |
| Thompson FE46 | NCI standard F&V screener | fruits and vegetables | FFQ | 7 | Multiple |
| Thompson FE47 | NHIS 5-factor screener (NCI) | fruits and vegetables, added sugar, fiber, calcium and dairy servings | FFQ | 20 | Multiple |
| Townsend MS48 | Focus on Veggies | fruits and vegetables |  | 10 | Multiple |
| Yaroch AL49 | 2-item cup fruit and vegetable screener | fruits and vegetables | FFQ | 2 | Black, white |
| Yaroch AL49 | 2-item serving fruit and vegetable screener | fruits and vegetables | FFQ | 2 | Black, white |
| Yaroch AL49 | 8-item fruit and vegetable screener | fruits and vegetables | FFQ | 8 | Black, white |
| Zhang Y50 | Food Web Questionnaire (FWQ) | fruits and vegetables | behavioral questionnaire | 8 | Multiple |
| Zhang Y50 | Plate Activity Questionnaire (PAQ) | fruits and vegetables | behavioral questionnaire | 1 | Multiple |

**a** identifiedusing the NCI Register of Validated Short Dietary Assessment Instruments

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