

Appendix A3. Study Research Questions and Associated Data Collection Instruments

| Research Question | | Survey Instruments | | | | | Qualitative Interviews | | |
|--|---|-----------------------|------------------|-------------------|--------------------------|---------------------|------------------------|--------------------------|-----------------------------|
| | | Participant Caregiver | Teen Participant | Child Participant | Nonparticipant Caregiver | Teen Nonparticipant | Site Survey | Participant Caregiver QI | Nonparticipant Caregiver QI |
| <i>Objective 1: Evaluate why children and their caregivers participate in SFSP and their satisfaction with SFSP.</i> | | | | | | | | | |
| 1.2b | What are the most important factors when deciding to participate in SFSP (e.g., hours of operation, site location, staff, transportation, site activities, meal service)? | X | X | | X | X | | X | |
| 1.2c | What deters children and their families from participating in SFSP? | X | | | X | | | X | |
| 1.2c.i. | For children, does this vary by age? | Analysis | | | | | | | |
| 1.3a | Do children find the meals appealing and satisfying? | | X | X | X | X | | X | |
| 1.3b | If applicable, do caregivers believe the meals are appealing and satisfying to their children? | X | X | | X | | | X | |
| 1.3c | What factors lead to children and caregivers finding the meals appealing or unappealing, and satisfying or not satisfying? | X | X | X | X | | | X | |
| 1.4a | How frequently are participants attending SFSP sites? | X | X | | | X | | X | |
| 1.4b | Does their participation fluctuate over the summer? | X | | | | | | X | |

Appendix A3. Study Research Questions and Associated Data Collection Instruments

| Research Question | | Survey Instruments | | | | | | Qualitative Interviews | |
|-------------------|--|-----------------------|------------------|-------------------|--------------------------|---------------------|-------------|--------------------------|-----------------------------|
| | | Participant Caregiver | Teen Participant | Child Participant | Nonparticipant Caregiver | Teen Nonparticipant | Site Survey | Participant Caregiver QI | Nonparticipant Caregiver QI |
| | children and their families (e.g., age, race/ethnicity, income)? | | | | | | | | |
| 2.3a | Do children and families participate in other federal assistance programs? If so, which ones? | X | | | X | | | | |
| 2.3b | Do children and families participate in other meal programs (e.g., NSLP, SBP, Child and Adult Care Food Program (CACFP))? If so, which ones? | X | | | X | | | | |
| 2.4a | Do the children and families participate in other summer meal programs (i.e., SEBTC, Seamless Summer Option (SSO))? If so, which ones? | X | | | X | | | X | |
| 2.5a | What are the typical child care arrangements in the summer? | X | | | X | | | | X |
| 2.5b | Do the families participate in other summer programs? | X | X | | X | | | X | |
| 2.6a | What are the families' available means of transportation to the SFSP site? | X | | | | | | | |
| 2.6b | Does the site provide transportation? | X | | | | | X | | |
| 2.6bi | If so, do the families have to pay for it? | X | | | | | X | | |

Appendix A3. Study Research Questions and Associated Data Collection Instruments

| Research Question | | Survey Instruments | | | | | Qualitative Interviews | | |
|---|---|-----------------------|------------------|-------------------|--------------------------|---------------------|------------------------|--------------------------|-----------------------------|
| | | Participant Caregiver | Teen Participant | Child Participant | Nonparticipant Caregiver | Teen Nonparticipant | Site Survey | Participant Caregiver QI | Nonparticipant Caregiver QI |
| 2.7a | What is the average distance to SFSP sites for children and their families? | X | | | | | | | |
| 2.7b | Are families aware of/attending the closest SFSP site? | X | | | X | X | | X | |
| 2.8a | Do SFSP participating families and non-participating families differ by food security status, demographics, participation in other federal assistance programs, summer childcare arrangements, and proximity to SFSP sites? | Analysis | | | | | | | |
| Objective 3: Assess why eligible children and families do not participate in SFSP using a subsample of non-participants. | | | | | | | | | |
| 3.1a | Have eligible, non-participating children and families heard of the summer program? | | | | X | | | | X |
| 3.1a.i | If not, what are the best ways for summer sites to provide them with this information? | | | | X | | | | X |
| 3.1a.ii | If so, what are their perceptions of the program? | | | | X | X | | | X |
| 3.2a | What are the most common reasons cited by non-participants and their caregivers for why they do not attend SFSP programs? | | | | X | X | | | X |

Appendix A3. Study Research Questions and Associated Data Collection Instruments

| Research Question | | Survey Instruments | | | | | Qualitative Interviews | | |
|-------------------|---|-----------------------|------------------|-------------------|--------------------------|---------------------|------------------------|--------------------------|-----------------------------|
| | | Participant Caregiver | Teen Participant | Child Participant | Nonparticipant Caregiver | Teen Nonparticipant | Site Survey | Participant Caregiver QI | Nonparticipant Caregiver QI |
| 3.2a.i | What could get them to attend (e.g., accessibility, activities, cost, etc.)? | | | | X | | | | X |
| 3.2a.ii | What are the barriers for their attendance? | | | | X | | | | X |
| 3.3a | Have eligible nonparticipants ever participated in SFSP? | | | | X | X | | | X |
| 3.3a.i | If so, why do they no longer participate? | | | | X | X | | | X |
| 3.3b | What could have facilitated retention in the program? | | | | X | | | | X |
| 3.4a | Do eligible, non-participating children live in an area eligible for SFSP? | Analysis | | | | | | | |
| 3.4a.i | If not, what is the average distance for these children to reach an area eligible for SFSP? | Analysis | | | | | | | |

Appendix A3. Study Research Questions and Associated Data Collection Instruments

| Research Question | | Survey Instruments | | | | Qualitative Interviews | | |
|--|--|--------------------|-------------|----------------------|------------|------------------------|---------|-------------------|
| | | Sponsor Survey | Site Survey | Menu Planning Survey | Site Menus | Sponsor QI | Site QI | Former Sponsor QI |
| Objective 4: Describe the foodservice characteristics of SFSP sites attended by study participants. | | | | | | | | |
| 4.1a | What type of meals do sites most often serve (e.g., lunch and snack, breakfast and lunch, etc.)? | | X | | | | | |
| 4.2a | Where do sites obtain food for meals and how is the food transported? | X | | X | | X | X | |
| 4.2b | What percent of sites offer vended meals? | | | X | | | | |
| 4.3a | What are the sites' food storage capacities (e.g., refrigerator/freezer capacity, pantry, etc.)? | | X | | | | | |
| 4.3b | What are the sites' food preparation and/or cooking capacities (range, oven, microwave, etc.)? | | X | | | | | |
| 4.3c | Is the site equipped to serve hot meals? | | X | | | | | |
| 4.4a | Who plans the menus (e.g., sponsor, vendor, site, etc.)? | X | X | X | | X | X | |
| 4.4b | What influences a site's menu planning practices (e.g., sponsor guidance, training, participant preferences and equipment availability, etc.)? | | | X | | X | X | |
| 4.4c | Are cycle menus used? | | | X | | | | |
| 4.4c.1 | If so, how often? | | | X | | | | |
| 4.4d | How frequently is offer versus served (OVS) being utilized? | | X | | | | | |
| 4.5a | Where and when are the SFSP meals and snacks served? | | X | | | | | |
| 4.5b | What are the characteristics of the eating facilities? | | X | | | | | |
| 4.5c | How long are participants given to eat the meals? | | X | | | | | |
| 4.6a | What type of meal service do the sites utilize (e.g., family-style, plated, etc.)? | | X | | | | | |

Appendix A3. Study Research Questions and Associated Data Collection Instruments

| Research Question | | Survey Instruments | | | | Qualitative Interviews | | |
|--|--|--------------------|-------------|----------------------|------------|------------------------|---------|-------------------|
| | | Sponsor Survey | Site Survey | Menu Planning Survey | Site Menus | Sponsor QI | Site QI | Former Sponsor QI |
| 4.7a | How frequently are local, seasonal and/or USDA foods offered? | | | X | | X | X | |
| 4.7b | If offered, what are the most frequent types of these foods offered? | | | X | | | | |
| 4.8a | What percent of sites offer à la carte foods? | | X | | | | | |
| 4.8b | Are those foods for purchase, where are they sold and by whose control? | | X | | | | X | |
| 4.8c | What are the most frequent à la carte foods offered? | | X | | | | X | |
| 4.9a | What policies and procedures are used to accommodate children with food allergies or other special dietary needs? | X | X | | | | X | |
| 4.9b | What policies and procedures are used to adjust the serving sizes of foods by different age groups? | | X | | | | X | |
| 4.9c | What policies and procedures are used to ensure food safety? | X | X | | | | | |
| 4.10a | For school-sponsored SFSP sites (e.g., academic summer schools), how often do the sites continue to utilize their NSLP and SBP menus during the summer months? | | | X | | | | |
| 4.10b | What are the key reasons for continuing to use NSLP and SBP menus? | | | X | | | | |
| 4.11a | What percent of sites have approval to prepare meals according to the CACFP meal standards? | | | X | | | | |
| Objective 5: Assess the characteristics and content of SFSP meals and snacks. | | | | | | | | |
| 5.1a | What specific food items are offered the most often? | | | | X | | | |
| 5.1b | Least often? | | | | X | | | |
| 5.1c | What are the most frequent food items | | | | X | | | |

Appendix A3. Study Research Questions and Associated Data Collection Instruments

| Research Question | | Survey Instruments | | | | Qualitative Interviews | | |
|-------------------|---|--------------------|-------------|----------------------|------------|------------------------|---------|-------------------|
| | | Sponsor Survey | Site Survey | Menu Planning Survey | Site Menus | Sponsor QI | Site QI | Former Sponsor QI |
| | offered among each of the SFSP meal component groups? | | | | | | | |
| 5.2a | How many choices are participants offered for various menu elements, e.g., milk, grains, meat/meat alternates, fruits, vegetables, other foods (desserts, salty-snacks etc.)? | | | | X | | | |
| 5.3a | What are the most frequent types of fruits and vegetables offered? | | | | X | | | |
| 5.3b | How frequently do meals include both a fruit and vegetable? | | | | X | | | |
| 5.3c | How frequently are the following vegetable subgroups offered: dark-green vegetables; red and orange vegetables; starchy vegetables; beans and peas; and other vegetables? | | | | X | | | |
| 5.3c.i | What are the most frequent vegetables offered from each of the subgroups? | | | | X | | | |
| 5.3d | Which forms of fruits/vegetables are offered most often (fresh, canned, frozen, dried)? | | | | X | | | |
| 5.3e | How frequently are fruit and vegetable juices served and how frequently are they 100% juice? | | | | X | | | |
| 5.4a | How frequently are whole grains, lean meats/meat alternates and low-fat/fat-free dairy products offered? | | | | X | | | |
| 5.4a.i | What are the most frequent types of these foods? | | | | X | | | |
| 5.5a | How often are other foods that do not qualify as a SFSP meal component offered? | | | | X | | | |
| 5.5b | What are the most frequent types of these other foods? | | | | X | | | |

Appendix A3. Study Research Questions and Associated Data Collection Instruments

| Research Question | | Survey Instruments | | | | Qualitative Interviews | | |
|-------------------|---|--------------------|-------------|----------------------|------------|------------------------|---------|-------------------|
| | | Sponsor Survey | Site Survey | Menu Planning Survey | Site Menus | Sponsor QI | Site QI | Former Sponsor QI |
| 5.6a | How frequently are foods high in solid fats, added sugars and/or sodium offered? | | | | X | | | |
| 5.6b | What are the most frequent types of these foods? | | | | X | | | |
| 5.7a | How do the foods offered vary from day to day and from week to week? | | | | X | | | |
| 5.8a | Are foods served in a way that eases consumption by younger children (e.g., pre-sliced apples, pre-peeled oranges, etc.)? | | | | X | | | |
| 5.8b | If so, how frequently does this occur | | | | X | | | |
| 5.8b.i | and with what specific food items overall and by different age groups? | | | | X | | | |
| 5.9a | How do the meals and snacks adhere to the SFSP meal requirements? | | | | X | | | |
| 5.10a | How do the SFSP breakfasts and lunches compare to the meal patterns and nutritional standards for SBP and NSLP? | | | | X | | | |
| 5.11a | What is the distribution and average nutrient content overall and for each type of meal offered/served, including snacks, in a typical week? | | | | X | | | |
| 5.12a | What are the major food sources of calories and key nutrients in the meals and snacks offered, including at a minimum, total fat, saturated fat, cholesterol, sodium, vitamin C, vitamin A, iron and fiber? | | | | X | | | |
| Westat | What is the contribution of meals/snacks towards meeting the DRI? | | | | X | | | |
| Westat | What is the combined contribution (all meals/snacks) toward meeting the DRI? | | | | X | | | |

Appendix A3. Study Research Questions and Associated Data Collection Instruments

| Research Question | | Survey Instruments | | | | Qualitative Interviews | | |
|---|---|--------------------|-------------|----------------------|------------|------------------------|---------|-------------------|
| | | Sponsor Survey | Site Survey | Menu Planning Survey | Site Menus | Sponsor QI | Site QI | Former Sponsor QI |
| Objective 6: Assess the facilitators and barriers to preparing and serving SFSP meals. | | | | | | | | |
| 6.1a | What do sponsors and sites believe constitutes a healthy meal? | | | | | X | X | |
| 6.1b | What are the greatest challenges in planning and preparing healthy summer meals? | | | X | | X | X | X |
| 6.1c | Do sponsors and sites feel that they have the tools and resources to prepare healthy and reimbursable meals that are well-liked by participants? | | | X | | X | X | |
| 6.1c.i | If so, what are those tools and resources (e.g., Team Nutrition, MyPlate, USDA Healthy Meals Resource System, USDA Summer Meals Toolkit, and USDA What's Cooking? Recipe Bowl, etc.)? | | | X | | | | |
| 6.1c.ii | If not, what tools and resources do sites need to prepare those types of meals? | | | X | | X | X | |
| 6.1d | What limitations, if any, do sponsors and sites have in accessing tools and resources? | | | X | | X | X | |
| 6.2 | What are the reasons for deciding to prepare meals on-site versus serving vended meals? | | | | | X | X | |
| 6.3a | Do sponsors and sites try to incorporate local foods as part of their menus? | | | X | | X | X | |
| 6.3a.i | If so, what are the benefits and challenges when serving local foods? | | | | | X | X | |
| 6.4a | Do sponsors and sites feel that the meals served are well-received by participants? | | | | | X | X | |
| 6.4a.i | Why or why not? | | | | | X | X | |
| 6.4b | Do more participants show up on days when certain meals are served? | | | | | | X | |

Appendix A3. Study Research Questions and Associated Data Collection Instruments

| Research Question | | Survey Instruments | | | | Qualitative Interviews | | |
|-------------------|---|--------------------|-------------|----------------------|------------|------------------------|---------|-------------------|
| | | Sponsor Survey | Site Survey | Menu Planning Survey | Site Menus | Sponsor QI | Site QI | Former Sponsor QI |
| 6.5a | For vended meal sites, do sponsors and sites collaborate with the vendor on meal planning and preparation? | | | | | X | X | |
| 6.6a | Are participants' likes and dislikes, as well as cultural and ethnic practices, considered when planning meals? | | | X | | X | X | |
| 6.6a.i | If so, how? | | | | | X | X | |
| Westat | Reasons for no longer participating in SFSP | | | | | | | X |