

Appendix L: Respondent Burden

Sample Sizes, Estimated Burden, and Estimated Cost of Respondent Burden for the Study on Nutrition and Wellness Quality in Child Care Settings

Affected Public	ID	Data Collection Activity	Respondents ^a	Sample	Responsive					Non-Response					Grand Total Annual Burden Estimate (hours)	Hourly Wage Rate ^e	Total Annualized Cost of Respondent Burden
					Estimated Number of Respondents	Freq of Response	Total Annual Responses	Average Burden Hours per Response	Total Annual Burden Estimate (hours)	Estimated Number of Respondents	Freq of Response	Total Annual Responses	Average Burden Hours per Response	Total Annual Burden Estimate (hours)			
Businesses ^b	C2, C3, C4, C5, C6 ^d	Sponsor Recruitment	Sponsors	247	200	1	200	0.67	133.33	47	1	47	0.67	31.49	164.82	\$ 25.09	\$ 4,135.42
Businesses ^b	C2, C3, C4, C6, C7 ^e	Provider Recruitment	Directors	1,629	1,326	1	1,326	0.53	707.20	303	1	303	0.53	160.59	867.79	\$ 21.67	\$ 18,805.01
Businesses ^b		Pre-test Provider Web Survey	Directors	8	8	1	8	0.67	5.36	0	0	0	0.00	0.00	5.36	\$ 21.67	\$ 116.15
Businesses ^b	D1a, D1b ^f	Provider Web Survey	Directors	1,629	1,326	1	1,326	1.08	1,436.50	303	1	303	0.07	21.21	1457.71	\$ 21.67	\$ 31,588.58
Businesses ^b		Pre-test Menu Survey (1 day)	Food preparers	5	5	1	5	0.40	2.00	0	0	0	0.00	0.00	2.00	\$ 11.46	\$ 22.92
Businesses ^b	D2a, D2b, D2c, d2d, D2e ^g	Menu Survey	Food preparers	1,629	1,326	1	1,326	3.87	5,127.20	303	1	303	0.07	21.21	5148.41	\$ 11.46	\$ 59,000.78
Businesses ^b		Pre-test Reference Portion Measurement Form	Food preparers	5	5	1	5	0.25	1.25	0	0	0	0.00	0.00	1.25	\$ 11.46	\$ 14.33
Businesses ^b	D3	Reference Portion Measurement Form	Food preparers	576	532	1	532	0.25	133.00	44	1	44	0.07	3.08	136.08	\$ 11.46	\$ 1,559.48
Businesses ^b		Pre-test Classroom Waste Observation Form	Food preparers	5	5	1	5	0.12	0.60	0	0	0	0.00	0.00	0.60	\$ 11.46	\$ 6.88
Businesses ^b	D5	Classroom Waste Observation Form	Food preparers	392	372	1	372	0.12	43.40	20	1	20	0.07	1.4	44.80	\$ 11.46	\$ 513.41
Businesses ^b		Pre-test Infant Food Intake Form	Provider staff	1	1	1	1	0.16	0.16	0	0	0	0.00	0	0.16	\$ 10.44	\$ 1.67
Businesses ^b	E3 ^h	Infant Food Intake Form	Provider staff	77	75	1	75	0.83	62.50	2	1	2	0.07	0.14	62.64	\$ 10.44	\$ 653.96
Businesses ^b		Pre-test Pre-visit Cost Telephone Interview	Sponsors	3	3	1	3	0.40	1.20	0	0	0	0.00	0	1.20	\$ 25.09	\$ 30.11
Businesses ^b	F1	Pre-visit Cost Telephone Interview	Sponsors ⁱ	743	600	1	600	0.25	150.00	143	1	143	0.07	10.01	160.01	\$ 25.09	\$ 4,014.65
Businesses ^b		Pre-test Pre-visit Cost Form	Sponsors	3	3	1	3	1.00	3.00	0	0	0	0.00	0	3.00	\$ 25.09	\$ 75.27
Businesses ^b	F2	Pre-visit Cost Form	Sponsors ⁱ	743	600	1	600	0.50	300.00	143	1	143	0.07	10.01	310.01	\$ 25.09	\$ 7,778.15

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					Estimated Number of Respondents	Freq of Response	Total Annual Responses	Average Burden Hours per Response	Total Annual Burden Estimate (hours)	Estimated Number of Respondents	Freq of Response	Total Annual Responses	Average Burden Hours per Response	Total Annual Burden Estimate (hours)			
Businesses ^b		Pre-test Sponsor Cost Interview	Sponsors	3	3	1	3	1.32	3.96	0	0	0	0.00	0	3.96	\$ 25.09	\$ 99.36
Businesses ^b	F3	Sponsor Cost Interview	Sponsors ⁱ	743	600	1	600	2.00	1,200.00	143	1	143	0.07	10.01	1210.01	\$ 25.09	\$ 30,359.15
Businesses ^b		Pre-test Center Director Cost Interview	Directors	3	3	1	3	0.17	0.51	0	0	0	0.00	0	0.51	\$ 21.67	\$ 11.05
Businesses ^b	F4	Center Director Cost Interview	Directors	743	600	1	600	0.75	450.00	143	1	143	0.07	10.01	460.01	\$ 21.67	\$ 9,968.42
Businesses ^b		Pre-test Center Foodservice Cost Interview	Directors	3	3	1	3	0.62	1.86	0	0	0	0.00	0	1.86	\$ 21.67	\$ 40.31
Businesses ^b	F5	Center Foodservice Cost Interview	Directors	743	600	1	600	0.50	300.00	143	1	143	0.07	10.01	310.01	\$ 21.67	\$ 6,717.92
Subtotal Businesses				4,078	3,343		8,196		10,063.03	751		1,737		289.17	10,352	-	\$175,512.95
Individuals/ Households		Pre-test Standing Height and Weight Form	Children (collected by on-site study staff)	6	6	1	6	0.05	0.30	0	0	0	0.00	0.00	0.30	\$ -	\$ -
Individuals/ Households	E2	Standing Height and Weight Form	Children (collected by on-site study staff)	3,158	3,000	1	3,000	0.08	250.00	158	1	158	0.03	4.74	254.74	\$ -	\$ -
Individuals/ Households		Pre-test Child Food Diary	Parents (reporting on children)	9	9	1	9	0.58	5.22	0	0	0	0	0	5.22	\$ 22.71	\$ 118.55
Individuals/ Households	E1b, E1c ⁱ	Child Food Diary (Child care day)	Parents (reporting on children)	3,000	2,685	1	2,685	0.58	1,566.25	315	1	315	0.07	22.05	1588.30	\$ 22.71	\$ 36,070.29
Individuals/ Households	E1a, E1c ^k	Child Food Diary (Non-child care day)	Parents (reporting on children)	2,685	2,148	1	2,148	0.75	1,611.00	537	1	537	0.07	37.59	1648.59	\$ 22.71	\$ 37,439.48
Individuals/ Households	E1a or E1b, E1c ⁱ	Child Food Diary (Third day)	Parents (reporting on children)	501	416	1	416	0.67	277.33	85	1	85	0.07	5.95	283.28	\$ 22.71	\$ 6,433.36
Individuals/ Households	C6, C8, C9, C10 ^m	Parent Recruitment	Parents	5,219	4,175	1	4,175	0.25	1,043.75	1,044	1	1,044	0.07	73.08	1116.83	\$ 22.71	\$ 25,363.21
Individuals/ Households		Pre-test Parent Interview		9	9	1	9	0.16	1.44	0	0	0	0	0	1.44	\$ 22.71	\$ 32.70
Individuals/ Households	E4	Parent interview	Parents	4,175	3,549	1	3,549	0.25	887.25	626	1	626	0.07	43.82	931.07	\$ 22.71	\$ 21,144.60
Subtotal Individuals				8,377	7,190		15,997		5,642.54	1,202		2,765		187.23	5,830	-	\$126,602.19

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State CACFP Administrating Agency ^h	C1, C2, C3, C4 ^o	CACFP State Agency Recruitment & Administrative Data	Manager	20	20	1	20	1.37	27.33	0	0	0	0.00	0.00	27.33	\$ 40.11	\$ 1,096.34
State CACFP Administrating Agency ^h	C1, C2, C3, C4 ^o	CCDF State Agency Recruitment & Administrative Data	Manager	20	20	1	20	1.37	27.33	0	0	0	0.00	0.00	27.33	\$ 40.11	\$ 1,096.34
Subtotal State Agencies				40	40		40		54.67	0		0		0	55	-	\$2,192.68
Grand Total				12,495	10,573		24,233		15,760	1,953		4,502		476.40	16,237	-	\$304,307.83

Notes:

- ^a In some cases, an alternate respondent may be called upon by the respondent to provide specific information to complete the data collection activity. For example, the director may need specific information from a staff person involved in food preparation in order to complete the section of the form asking about meal and snacks policies if he/she does not have this information.
- ^b Most of the child care providers that will be included in the study will be businesses, though some will be operated by school districts and thus are public. No data are currently available to allow us to determine the percent that are businesses and the percent that are public. Similar to our procedures for determining burden in other studies of this population, we have classified all providers as businesses.
- ^c Average hourly wage rates used included Directors - (Directors, Religious Activities and Education - Elementary and Secondary Schools) - \$21.67, Food Preparers (Food Preparation and Serving Related Occupations - Elementary and Secondary Schools) - \$11.46, Provider Staff (Childcare Workers) - \$10.44, Sponsors (Education Administrators, Preschool and Childcare Center/Program) - \$25.09, Parent (All Occupations) - \$22.71, Children were assumed to not have an hourly wage rate, State Agency Managers - (Administrative Services Managers - Local Government) - \$40.11, Average hourly wage rates are taken from: Bureau of Labor Statistics, Wages by Occupation, May 2014.
- ^d Burden in minutes: C2 (3); C3 (2); C4 (2); C5 (30); C6 (3).
- ^e Burden in minutes: C2 (3); C3 (2); C4 (2); C6 (3); C7 (22).
- ^f Burden in minutes: D1a (56); D1b (9).
- ^g Burden in minutes: D2a (100); D2b (100); D2c (10); D2d (7); D2e (15).
- ^h One infant intake form will be completed by provider staff for each sampled infant. Each form will take 10 minutes to complete. On average, each provider will complete 5 forms, so the total burden per provider will be 50 minutes. Multiple caregivers will likely complete the forms so they are assembled in booklets with 3 forms each.
- ⁱ Sponsors will complete these interviews/form for all the providers that their organizations sponsor. Thus, in many cases one sponsor will report for multiple providers. The sample size is the number of providers. We estimate that approximately 247 sponsors will be involved in this aspect of the data collection.
- ^j Burden in minutes: E1b (30); E1c (5).
- ^k Burden in minutes: E1a (40); E1c (5).

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^l Half of the parents completing a third diary will complete it for a child care day (30 minutes) and the other half will complete it for a non-child care day (40 minutes). The average burden for the third diary will therefore be 35 minutes $[(30+40)/2]$. Parents will also spend 5 minutes reviewing the diary with the field interviewer. Therefore the total average time is 40 minutes.

^m Burden in minutes: C6 (3); C8 (3); C9 (7); C10 (2).

ⁿ State agencies administering the CACFP will provide lists of all the CACFP providers in their states; these data will be used for sampling CACFP providers.

^o Burden in minutes: C1 (75); C2 (3); C3 (2); C4 (2).