

**Healthy Communities Study: How Communities Shape Children's Health  
Detailed Estimation of Parent/Caregiver and Child Average Burden (Minutes)  
by Age of Child and Protocol Components in First Three Years of Data Collection**

**Parent/Caregiver Burden: Standard Protocol (minutes)**

AGE OF CHILD:		3-5 YEARS	6-8 YEARS	9-11 YEARS	12-15 YEARS	
RECRUITMENT CALL		6	6	6	6	
CALL TO SCHEDULE INTERVIEW		5	5	5	5	
SURVEY COMPONENTS	EXPOSURE/DEMO/MEDICAL/BEHAV. QUESTIONS	13.5	13.5	13.5	11.5	
	PHYSICAL ACTIVITY (PA) QUESTIONS	16	21	21	3	
	NUTRITION QUESTIONS	13.5	14.5	14.5	4	
	TOTAL SURVEY	43	49	49	18.5	
OTHER ACTIVITIES DURING STANDARD PROTOCOL VISIT	INFORMED CONSENT	10	10	10	10	
	MED. RELEASE	5	5	5	5	
	ANTHROPOMETRICS (1 BIO PAR)	3.5	3.5	3.5	3.5	
	DISTRIBUTE INCENTIVE	3	3	3	3	
<b>TOTAL MINUTES FOR STANDARD PROTOCOL VISIT:</b>		<b>75.5</b>	<b>81.5</b>	<b>81.5</b>	<b>51</b>	
WEIGHT*		0.23	0.23	0.23	0.31	
<b>WEIGHTED TOTAL:</b>		<b>17.42</b>	<b>18.81</b>	<b>18.81</b>	<b>15.69</b>	<b>70.73</b>

\*WEIGHT is calculated based upon the proportion of all children in each age range (e.g., of all the 65 children visited, 15 [5 children per age] are in the 3-5 age range).

**Child Burden: Standard Protocol (minutes)**

AGE OF CHILD:		3-5 YEARS	6-8 YEARS	9-11 YEARS	12-15 YEARS	
SURVEY COMPONENTS	EXPOSURE/DEMO/MEDICAL/BEHAV. QUESTIONS	0	2	2	4	
	PHYSICAL ACTIVITY (PA) QUESTIONS	0	18	18	18	
	NUTRITION QUESTIONS	0	10.5	10.5	13.5	
	TOTAL SURVEY	0	30.5	30.5	35.5	
OTHER ACTIVITIES DURING STANDARD PROTOCOL VISIT	ASSENT (child ≥8)	0	3.33	10	10	
	MED. RELEASE	0	0	0	0	
	ANTHROPOMETRICS (Height/Weight/Girth)	6	6	6	6	
	DISTRIBUTE INCENTIVE	3	3	3	3	
<b>TOTAL MINUTES FOR STANDARD PROTOCOL VISIT:</b>		<b>9</b>	<b>42.83</b>	<b>49.5</b>	<b>54.5</b>	
WEIGHT*		0.23	0.23	0.23	0.31	
<b>WEIGHTED TOTAL:</b>		<b>2.08</b>	<b>9.88</b>	<b>11.42</b>	<b>16.77</b>	<b>40.15</b>

\*WEIGHT is calculated based upon the proportion of all children in each age range (e.g., of all the 65 children visited, 15 [5 children per age] are in the 3-5 age range).

**Parent/Caregiver Burden: Enhanced Protocol (minutes)**

AGE OF CHILD:		3-5 YEARS	6-8 YEARS	9-11 YEARS	12-15 YEARS
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RECRUITMENT CALL		6	6	6	6
CALL TO SCHEDULE INTERVIEW		5	5	5	5
SURVEY COMPONENTS	EXPOSURE/DEMO/MEDICAL/BEHAV. QUESTIONS	13.5	13.5	13.5	11.5
	PHYSICAL ACTIVITY (PA) QUESTIONS	16	21	21	3
	NUTRITION QUESTIONS	13.5	14.5	14.5	4
	TOTAL SURVEY	43	49	49	18.5
OTHER ACTIVITIES DURING ENHANCED PROTOCOL VISIT	INFORMED CONSENT	10	10	10	10
	MED. RELEASE	5	5	5	5
	ANTHROPOMETRICS (1 BIO PAR)	3.5	3.5	3.5	3.5
	DISTRIBUTE INCENTIVE	3	3	3	3
	Dietary 24 hour Recall (ASA24)	30	30	30	0
	ACCELEROMETER INITIATION	5	5	5	5
<b>TOTAL MINUTES FOR HOME VISIT 1:</b>		99.5	105.5	105.5	45
DURING WEEK	Child Uses Accelerometer	35	35	35	0
ENHANCED PROTOCOL HOME VISIT 2	Collect Accelerometer	3	3	3	3
	Dietary 24 hour Recall (ASA24)	30	30	30	0
	PA Behavior Recall	10	15	15	0
	Distribute Incentive	2	2	2	2
<b>TOTAL MINUTES FOR HOME VISIT 2:</b>		45	50	50	5
<b>TOTAL MINS FOR ENHANCED PROTOCOL:</b>		190.5	201.5	201.5	61
WEIGHT*		0.23	0.23	0.23	0.31
<b>WEIGHTED TOTAL:</b>		43.96	46.50	46.50	18.77
					155.73

\*WEIGHT is calculated based upon the proportion of all children in each age range (e.g., of all the 13 children visited, 3 [1 child per age] are in the 3-5 age range).

**Child Burden: Enhanced Protocol (minutes)**

AGE OF CHILD:		3-5 YEARS	6-8 YEARS	9-11 YEARS	12-15 YEARS
SURVEY COMPONENTS	EXPOSURE/DEMO/MEDICAL/BEHAV. QUESTIONS	0	2	2	4

	PHYSICAL ACTIVITY (PA) QUESTIONS	0	18	18	18
	NUTRITION QUESTIONS	0	10.5	10.5	13.5
	TOTAL SURVEY	0	30.5	30.5	35.5
OTHER ACTIVITIES DURING ENHANCED PROTOCOL VISIT	ASSENT (child ≥8)	0	3.33	10	10
	MED. RELEASE	0	0	0	0
	ANTHROPOMETRICS (Height/Weight/Girth)	6	6	6	6
	DISTRIBUTE INCENTIVE	3	3	3	3
	Dietary 24 hour Recall (ASA24)	0	30	30	30
	ACCELEROMETER INITIATION	5	5	5	5
<b>TOTAL MINUTES FOR HOME VISIT 1:</b>		14	77.83	84.5	89.5
DURING WEEK	Child Uses Accelerometer	35	35	35	35
ENHANCED PROTOCOL HOME VISIT 2	Collect Accelerometer	0	2	2	2
	Dietary 24 hour Recall (ASA24)	0	30	30	30
	PA Behavior Recall	0	15	15	15
	Distribute Incentive	0	0	0	0
<b>TOTAL MINUTES FOR HOME VISIT 2:</b>		0	47	47	47
<b>TOTAL MINS FOR ENHANCED PROTOCOL:</b>		49	159.83	166.5	171.5
WEIGHT*		0.23	0.23	0.23	0.31
<b>WEIGHTED TOTAL:</b>		11.31	36.88	38.42	52.77
					<b>139.38</b>

\*WEIGHT is calculated based upon the proportion of all children in each age range (e.g., of all the 13 children visited, 3 [1 child per age] are in the 3-5 age range).

**Parent/Caregiver Burden: Follow Up Survey (minutes)**

		AGE OF CHILD:	3-5 YEARS	6-8 YEARS	9-11 YEARS	12-15 YEARS
SURVEY COMPONENTS	EXPOSURE/DEMO/MEDICAL/BEHAV. QUESTIONS**		8.5	8.5	8.5	6.5
	PHYSICAL ACTIVITY QUESTIONS		16	21	21	3
	NUTRITION QUESTIONS		13.5	14.5	14.5	4

	TOTAL SURVEY	38	44	44	13.5	
	WEIGHT*	0.23	0.23	0.23	0.31	
	WEIGHTED TOTAL	8.77	10.15	10.15	4.15	33.23

\*WEIGHT is calculated based upon the proportion of all children in each age range (e.g., of all the 78 children contacted, 18 [6 children per age] are in the 3-5 age range).

\*\*NOTE: Excludes certain demographic questions from Standard Protocol

**Child Burden: Follow Up Survey (minutes)**

		AGE OF CHILD:	3-5 YEARS	6-8 YEARS	9-11 YEARS	12-15 YEARS	
SURVEY COMPONENTS	EXPOSURE/DEMO/MEDICAL/BEHAV. QUESTIONS**		0	2	2	4	
	PHYSICAL ACTIVITY QUESTIONS		0	18	18	18	
	NUTRITION QUESTIONS		0	10.5	10.5	13.5	
	TOTAL SURVEY		0	30.5	30.5	35.5	
	WEIGHT*		0.23	0.23	0.23	0.31	
	WEIGHTED TOTAL		0.00	7.04	7.04	10.92	25.00

\*WEIGHT is calculated based upon the proportion of all children in each age range (e.g., of all the 78 children contacted, 18 [6 children per age] are in the 3-5 age range).

\*\*NOTE: Excludes certain demographic questions from Standard Protocol

**Average Burden for All Parents/Caregivers (with Remote FU Survey)**

Protocol Type	B	C	D	E
	Avg Time for All Parents/Caregivers		Number of Interviews*	Mins for All Interviews
	Avg Mins	Avg Hr B / 60		
Standard Protocol	70.73	1.18	16,945	1,198,532.88

Enhanced Protocol	155.73	2.60	3,413	531,509.12
Follow-up Survey (40 RIPA+60 Non-RIPA)	33.23	0.55	9,360	311,040.00
<b>TOTAL</b>			<b>29,718</b>	<b>2,041,082.00</b>
<b>Average Time per Parent/Caregiver per Interview:</b>			<b>68.68 mins</b>	<b>1.14 hrs</b>

\*Note: Number of interviews is calculated by multiplying the number of parents/caregivers interviewed in each community and under each protocol by the total number of communities to be visited.

**Average Burden for All Children (with Remote FU Survey)**

Protocol Type	B	C	D	E
	Avg Time for All Children		Number of Interviews*	Mins for All Interviews
	Avg Mins	Avg Hr B / 60		
Standard Protocol	40.15	0.67	16,945	680,406.92
Enhanced Protocol	139.38	2.32	3,413	475,719.69
Follow-up Survey (40 RIPA+60 Non-RIPA)	25.00	0.42	9,360	234,000.00
<b>TOTAL</b>			<b>29,718</b>	<b>1,390,126.62</b>
<b>Average Time per Child per Interview:</b>			<b>46.78 mins</b>	<b>0.78 hrs</b>

\*Note: Number of interviews is calculated by multiplying the number of children interviewed in each community and under each protocol by the total number of communities to be visited.