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| **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** |
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| **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 |
| **TOTAL MINUTES FOR STANDARD PROTOCOL VISIT:** | 75.5 | 81.5 | 81.5 | 51 |
| WEIGHT\* | 0.23 | 0.23 | 0.23 | 0.31 |
| **WEIGHTED TOTAL:** | **17.42** | **18.81** | **18.81** | **15.69** | **70.73** |
| **\*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).**  |
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| **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 |
| **TOTAL MINUTES FOR STANDARD PROTOCOL VISIT:** | 9 | 42.83 | 49.5 | 54.5 |
| WEIGHT\* | 0.23 | 0.23 | 0.23 | 0.31 |
| **WEIGHTED TOTAL:** | **2.08** | **9.88** | **11.42** | **16.77** | **40.15** |
| **\*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).**  |
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| **Parent/Caregiver Burden: Enhanced 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 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 INITITATION | 5 | 5 | 5 | 5 |
| **TOTAL MINUTES FOR HOME VISIT 1:** | 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 |
| **TOTAL MINUTES FOR HOME VISIT 2:** | 45 | 50 | 50 | 5 |
| **TOTAL MINS FOR ENHANCED PROTOCOL:** | 190.5 | 201.5 | 201.5 | 61 |
| WEIGHT\* | 0.23 | 0.23 | 0.23 | 0.31 |
| **WEIGHTED TOTAL:** | **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).**  |
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| **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 INITITATION | 5 | 5 | 5 | 5 |
| **TOTAL MINUTES FOR HOME VISIT 1:** | 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 |
| **TOTAL MINUTES FOR HOME VISIT 2:** | 0 | 47 | 47 | 47 |
| **TOTAL MINS FOR ENHANCED PROTOCOL:** | 49 | 159.83 | 166.5 | 171.5 |
| WEIGHT\* | 0.23 | 0.23 | 0.23 | 0.31 |
| **WEIGHTED TOTAL:** | 11.31 | 36.88 | 38.42 | 52.77 | **139.38** |
| **\*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).**  |
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| **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**  |  |  |  |  |
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| **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**  |  |  |  |  |
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|  | **Average Burden for All Parents/Caregivers (with Remote FU Survey)** |  |
|  |  | **B** | **C** | **D** | **E** |  |
|  | **Protocol Type** | **Avg Time for All Parents/Caregivers** | **Number of Interviews\*** | **Mins for All Interviews** |  |
|  | **Avg Mins** | **Avg Hr** |  |
|  | **B / 60** | **B x D** |  |
|  | 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 |  |
|  | **TOTAL** |  |  | **29,718** | **2,041,082.00** |  |
|  | **Average Time per Parent/Caregiver per Interview:** | **68.68 mins** | **1.14 hrs** |  |
|  | \*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. |  |
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|  | **Average Burden for All Children (with Remote FU Survey)** |  |
|  |  | **B** | **C** | **D** | **E** |  |
|  | **Protocol Type** | **Avg Time for All Children** | **Number of Interviews\*** | **Mins for All Interviews** |  |
|  | **Avg Mins** | **Avg Hr** |  |
|  | **B / 60** | **B x D** |  |
|  | 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 |  |
|  | **TOTAL** |  |  | **29,718** | **1,390,126.62** |  |
|  | **Average Time per Child per Interview:** | **46.78 mins** | **0.78 hrs** |  |
|  | \*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. |  |