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| **Domain:** | Environmental Exposures |
| **Measure:** | Day Care/Preschool Attendance |
| **Definition:** | Questions about the child's attendance at day care and/or preschool. |
| **Purpose:** | Day care attendance influences a child's health. Environmental contaminants could be present at the child's day care or preschool. Infectious diseases spread rapidly from one child to another in these facilities. Several studies have concluded that day care attendance, especially at a young age (e.g., < 2 years old), significantly increases the likelihood of a child contracting asthma or wheezing, however, the same child is less likely to have respiratory conditions later (> 6 years old). |
| **Essential PhenX Measures:** |  |
| **Related PhenX Measures:** |  |
| **Collections:** |  |
| **Keywords:** | Day care, preschool, asthma, wheezing, day care attendance, preschool attendance, Environmental Exposures |

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| **Protocol Release Date:** | October 30, 2009 |
| **PhenX Protocol Name:** | Day Care Attendance |
| **Protocol Name from Source:** | The Expert Review Panel has not reviewed this measure yet. |
| **Description:** | The respondent's mother is asked if the child attended day care and/or preschool. If the child attended either the parent is asked the dates attended and the number of hours per week. |
| **Specific Instructions:** | Note that "DK" means "Don't Know". |
| **Protocol:** |

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| 1. Has (CHILD) attended (READ CATEGORIES)?  | 2. In what month and year did (CHILD) begin and end the first (next) attendance? ATTENDANCE CONTINUING = REFERENCE DATE  | 3. About how many hours per week (did/does) (CHILD) attend?  |
| CATEGORIES IF YES, ASK 2 AND 3.  | BEGANMM YY | ENDEDMM YY | HOURS/WEEK |
| a. day care outside the home?[] 1 YES[] 2 NO[] 7 RF[] 8 DK | #1 ">\_\_\_">\_\_\_"> ">\_\_\_">\_\_\_">#2 ">\_\_\_">\_\_\_"> ">\_\_\_">\_\_\_">#3 ">\_\_\_">\_\_\_"> ">\_\_\_">\_\_\_"> | #1 ">\_\_\_">\_\_\_"> ">\_\_\_">\_\_\_">#2 ">\_\_\_">\_\_\_"> ">\_\_\_">\_\_\_">#3 ">\_\_\_">\_\_\_"> ">\_\_\_">\_\_\_"> | ">\_\_\_">\_\_\_">">\_\_\_">\_\_\_">">\_\_\_">\_\_\_"> |
| b. preschool?[] 1 YES[] 2 NO[] 7 RF[] 8 DKIF (CHILD)'S AGE < 2, CODE NO W/O ASKING.CHILD'S AGE AT REFERENCE DATE \_\_\_\_\_\_\_\_\_\_ | #1 ">\_\_\_">\_\_\_"> ">\_\_\_">\_\_\_">#2 ">\_\_\_">\_\_\_"> ">\_\_\_">\_\_\_">#3 ">\_\_\_">\_\_\_"> ">\_\_\_">\_\_\_"> | #1 ">\_\_\_">\_\_\_"> ">\_\_\_">\_\_\_">#2 ">\_\_\_">\_\_\_"> ">\_\_\_">\_\_\_">#3 ">\_\_\_">\_\_\_"> ">\_\_\_">\_\_\_"> | ">\_\_\_">\_\_\_">">\_\_\_">\_\_\_">">\_\_\_">\_\_\_"> |

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| **Selection Rationale:** | An important measure of early life exposures, this set of questions was preferred because they included dates of attendance at the day care or preschool and the number of hours per week the child spent at the day care or preschool. |
| **Source:** | Olshan, Andrew, University of North Carolina at Chapel Hill. Children's Oncology Group. Mother's Questionnaire. Section B. Mother's Pregnancy History, 1993, Question numbers: L6 through L8 (Source for Questions 1 through 3 in Protocol text) |
| **Life Stage:** | InfantToddlerChild |
| **Language of source:** | English |
| **Participant:** | Mother |
| **Personnel and Training Required:** | The interviewer must be trained to conduct personal interviews with individuals from the general population. The interviewer must be trained and found to be competent (i.e., tested by an expert) at the completion of personal interviews\*. The interviewer should be trained to prompt respondents further if a "don't know" response is provided. \* There are multiple modes to administer this question (e.g., pencil and paper and computer-assisted interviews). |
| **Equipment Needs:** | While the source protocol was developed to be administered by a telephone interview, there are other methods (computer-assisted telephone instrument). The PhenX Working Group acknowledges that these questions can be administered in a computerized format (i.e. computer-assisted telephone instrument). Computer software is necessary to develop computer-assisted instruments. The interviewer will require a laptop computer/handheld computer to administer a computer-assisted questionnaire.  |
| **Standards:** |

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| **Standard** | **Name** | **ID** | **Source** |
| Common Data Element (CDE) | Person Daycare Attendance Text | 2954189 | [CDE Browser](https://cdebrowser.nci.nih.gov/CDEBrowser/search?elementDetails=9&FirstTimer=0&PageId=ElementDetailsGroup&publicId=2954189&version=1.0) |
| Logical Observation Identifiers Names and Codes (LOINC) | Environ exp day care preschool proto | 62530-1 | [LOINC](http://s.details.loinc.org/LOINC/62530-1.html?sections=Web) |

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| **General references:** | Des Roches A., Paradis L., Paradis J., Morgan T. M., Dompeling E., Jobsis R., van Schayck O., Ball T. M., Holberg C. J., Wright A. L. (2000). Siblings, Day-Care Attendance, and the Risk of Asthma and Wheezing during Childhood. N Engl J Med. 343:1967-1968. |
| **Mode of Administration:** | Interviewer-administered questionnaire |
| **Derived Variables:** | None |
| **Requirements:** |

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| **Requirement Category** | **Required** |
| Major equipment | No |
| Specialized training | No |
| Specialized requirements for biospecimen collection | No |
| Average time of greater than 15 minutes in an unaffected individual | No |

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| **Process and Review:** | The Expert Review Panel has not reviewed this measure yet. |