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| **Variable** | **Variable Name** | **Description** |
| Subject ID | sid | Unique participant identifier |
| Town Name | townname | Name of city where child’s residence is located |
| Sex | male | Binary indicator for sex   * 0 = Female * 1 = Male |
| Race | race | Multi-category variable for self-reported race   * A = Asian * B = Black * W = White * M = Mixed * O = Other * D = Did not respond |
| Hispanic | hispanic | Binary indicator for self-reported Hispanic ethnicity:   * 0 = Non-Hispanic * 1 = Hispanic |
| Age | agepft | Age of child at lung function testing (years) |
| Height | height | Height of child (cm) |
| Weight | weight | Weight of child (lbs) |
| BMI | bmi | Body mass index (kg/m^2) |
| Asthma | asthma | Binary indicator for physician diagnosis of asthma |
| Active Asthma | active\_asthma | Binary indicator for asthma activity in past 12 months |
| Father’s Asthma | father\_asthma | Binary indicator for whether father has history of asthma |
| Mother’s Asthma | mother\_asthma | Binary indicator for whether mother has history of asthma |
| Wheeze | wheeze | Binary indicator for child’s wheezing status |
| Hay Fever | hayfever | Binary indicator for child’s hay fever status |
| Allergy | allergy | Binary indicator for child’s allergy status |
| Parental Education | educ\_parent | Multi-category variable for parental education   * 1 = < 12th Grade * 2 = Grade 12 * 3 = Some post high-school * 4 = 4 years of college * 5 = Some post-graduate |
| Second Hand Smoke | smoke | Binary indicator for exposure of child to second hand smoke at home |
| Pets | pets | Binary indicator for presence of any pets in the residence |
| Gas Stove | gasstove | Binary indicator for presence of gas stove in the residence |
| FEV | fev | Forced expiratory volume in 1 second (ml) |
| FVC | fvc | Forced vital capacity (ml) |
| MMEF | mmef | Maximal mid-expiratory flow (ml/sec) |