# Data dictionary of JHS impervious surface data

Jackson Heart Study (JHS) impervious surface data contains the impervious surface information from the National Land Cover Database (NLCD) for all available JHS address from year 2000-2010 during periods of JHS Exam 1 (2000-2004) and Exam 2 (2005-2011). Residential addresses of JHS participants were obtained from JHS exams or follow-ups between Exam 1 and Exam 2. For Exam 1, addresses are based on Exam 1 addresses. No address information was collected for Exam 2. For Exam 2, the address for the closest follow-up in time was attributed to the time of the Exam (see: *JHS addresses and NETS geocode\_documentation.doc* Section IV for details). The dataset contains a series of summary variables on percent developed imperviousness of 2001 and 2006 at participant address and for buffer sizes of 100 and 500 meters around each address. For detailed description on how the JHS impervious surface measures are created, please see *JHS NLCD Data 2014-01-02.docx.docx*.

The JHS impervious surface dataset (*jhs \_imps.sas7bdat*) contains 9,504 rows and 10 variables, one row for each participant who attended both exams. These data represent a total of 5301 JHS participants, of which 4203 have information for both JHS exams 1 and exam 2, 1098 have information only on exam 1, and 0 have information on only exam 2. The data dictionary for variables is listed below.

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| Variable | | Description |
| ID | | Fake ID from JHS |
| STCOTRK | | FIPS State, county, tract code |
| STCOTRKBLKGRP | | FIPS State, county, tract, block group code |
| exam | | JHS clinic exam indicator (exam 1 or exam 2) |
| JHS impervious surface variables | | |
| imp01\_0m | Percent developed imperviousness in 2001 at address | |
| imp01\_100m | Percent developed imperviousness in 2001 within 100 m radius of address | |
| imp01\_500m | Percent developed imperviousness in 2001 within 500 m radius of address | |
| imp06\_0m | Percent developed imperviousness in 2006 at address | |
| imp06\_100m | Percent developed imperviousness in 2006 within 100 m radius of address | |
| imp06\_500m | Percent developed imperviousness in 2006 within 500 m radius of address | |

\*4 records at Exam 1 and 1 record at Exam 2 have missing value for all variables because their addresses cannot be geocoded.