

# **Agricultural Health Study**



**Demographic, Registry, and Biospecimen Files**

**Release Notes for Release AHSREL201209.01**

**September 2012**

Release AHSREL201209.00 The Agricultural Health Study Demographic, Registry, and Biospecimen Files contains updates to the Demographic File and the Buccal Receipt File. The Mortality File, the Cancer Registry File and the Resolved Reproductive Variables File are unchanged; but are included so that the most current versions of all files are in a single place.

### **Demographic File Changes**

The major change to the Demographic File reflects changes in the resolved smoking variables for Phase I, II and III of the study. There are also changes to the values of a number of demographic variables that reflect information collected since the last data release.

1. Smoking status (P1\_SMOKE\_STATUS\_R, P2\_SMOKE\_STATUS\_R, P3\_SMOKE\_STATUS): These smoking status variables have changed because we are using new logic provided by Stella Koutros. The derivation of these variables is described in Section 2.4 of the User Manual. We also dropped the following 7 variables from the Demographic File per decision approved by NCI and NIEHS:

- P1\_PACKYEARS\_R
- P1\_SMOKPDY\_R
- P1\_SMOKYRS\_R
- P3\_SMOKYRSTART\_R
- P3\_SMOKYRSTOP\_R
- P3\_SMOKNUM\_R
- P3\_SMOKUNIT\_R

2. RACE and HISPAN (ethnicity) variables: A number of missing values caused by a programming error in the 2011 data release was fixed. This resulted in 39 missing RACE values changing from missing to 1 (white) and 24 changing from missing to M (multiple response)/ It also resulted in 111 missing HISPAN values changing from missing to 0 (not Hispanic) and changing from missing to M (multiple response).
3. IN\_STATE\_STATUS , DATE\_MOVEMENT\_IN\_OUT\_STATE\_I, DATE\_MOVEMENT\_IN\_OUT\_STATE, LAST\_KNOWN\_SOURCE , LAST\_FOLLOWUP : These variables have changed because we are now using information in address the consolidated history table of the AHS cohort database maintained at the Coordinating Center. Until June 2011, these variables were provided to the Coordinating Center by field station. The values of LAST\_KNOWN\_SOURCE and LAST\_FOLLOWUP

come from the information in study coordination table (which comes from regular updates provided by ongoing substudies) and the results of successful mailings of the annual newsletter. When there was no information found in these two sources, information from the May 2011 Demographic File was used..

4. BIRTH\_DATE, AGE\_AT\_ENROLLMENT, AGE\_AT\_P2\_CATI, AGE\_AT\_P3\_CATI – These have changed for a small number of participants, because of DOB updates provided by participants through a contact with a substudy.
5. DEATH\_DATE and VITAL\_STATUS : These variables have changed to reflect additional death records provided by Iowa in 2011.
6. CANCER\_DIAG: This variable changed because of additional cancer records provided by Iowa in 2011.
7. P1TakeHomeQuexDate: This changed for 81 participants who had dated their take home questionnaires prior to the start of enrollment in in the AHS. Their take home questionnaire dates were set to the same date as their enrollment dates, which is the date that they completed the Enrollment Questionnaire. The date changes were also made in the Phase I Private Applicator File.
8. P3\_Date: This has changed to missing for 1 participant (626946P), because this participant refused to answer all questions during the Phase III interview and as a result was removed from the Editing System.

### **Buccal Receipt File Changes**

The Buccal Receipt File includes 80 buccal collection kits received at the processing laboratory between July 25, 2012 and September 19, 2012. We also removed some records from the file that represent kits that were returned by cohort members who decided after receiving them that they did not want to submit a buccal sample. These people usually returned the full collection kit unused.

In release AHSREL201209.01 specimen ID values starting with 572 were replaced with the BSI Sample ID values, which have the form AGnnnnn.