

WIHS Public Data Set

A. General Information

Release Information: WDMAC (The WIHS Data Management and Analysis Center) released the first WIHS public data set in March 2002. Future data will be released on a yearly schedule with new releases superceding previous versions. The current release (P15) covers data collected from visit 1 (October 1, 1994) through visit 40 (September 30, 2014).

Data Summary: (1) The cutoff date for data contained in each release is September 30 one and a half years preceding the current WIHS visit for which data are available. New variables, reflecting future research initiative additions, will be incorporated in each new release of the public data set. (2) Data components cover all core visit data collected. (3) Information that might be used to identify individuals has been modified; for example, the WIHS participant identification number (WIHSID) is replaced by a randomized identification number, information pertaining to study site is deleted, and all dates are stripped of day and month value, retaining only the year value.

Data Manipulation: The original WIHSID number contains information that could be used to link a participant to the center and subsite at which she was recruited. Therefore, WIHSID has been replaced by a randomized identification number for each of the participants. Once the data sets were created, the original WIHSIDs were deleted and the randomized IDs were sorted in ascending order. Additionally, the day and month of each participant's date of birth were deleted, leaving only the year of birth; the dates of visit, event report, clinical diagnosis, hospitalization and death retain only year values, to protect PHI.

Before data were released to the public, 10 percent of the variables from each public data file were sampled and compared with the same set of variables in the raw data files for each visit. All data files and their associated codebooks and SAS input statement files were also copied to the distribution media. The "README" file distributed with the data set includes information describing the data files and the cutoff date of the event files. All questionnaire forms are included to facilitate understanding of the codebook for each data file.

Data Medium: The current release of the public data set was submitted on a DVD in ASCII text with SAS input statements to read into SAS.

B. Ordering Information

To ORDER the WIHS Public Data Set, Release P15, email WDMAC at JHSPH.wdmac@jhu.edu.

C. Associated Questionnaire Forms and Documentation

Forms: Five main types of data collection forms were submitted with the data set. (1) Central laboratory results are reported on forms beginning with the letter "C," e.g., C45 – Bacterial Vaginosis Smear Gram Stain. (2) Local laboratory results are reported on forms beginning with the letter "L," e.g., L01 – HIV ELISA and Western Blot. (3) Interview and physical exam forms, both baseline and follow-up, typically

begin with the letter “F,” e.g., F06 – Baseline Psychosocial Measures and F26 – Follow-up Psychosocial Measures. (4) Oral Substudy forms begin with “OP,” e.g., OP04 – Oral Mucosal Tissue Exam. (5) Medication usage forms begin with “DRUG,” e.g., DRUG 1 – Antiviral Medications.

Additionally, there are many substudy Forms, e.g., BPI-Brief Pain Inventory, ADF/ADF02 – Auto-Immune Disease Form, etc.; some administrative Forms, e.g., ABRV – Abbreviated Visit Form, for women unable to complete a full visit; and three summary files. The summary files include: HIVSTAT, a file containing sero-status information on all participants; OUTCOME, containing clinical outcome data; and LABSUM, containing CD4 call counts and HIV viral load.

The majority of the forms are in Microsoft Word or Adobe PDF formats.

Other Documentation: Archives of WIHS publications and a directory of WIHS investigators can be accessed from the WIHS home page (<http://www.wihshealth.org>).

D. List of Files in the Release

Name – Description

- README – The README file accompanying the data
- ABI – Arterial Brachial Index Measurement Form
- ABRV – Abbreviated Visit
- ABRVs1 – Abbreviated Visit, subform 1: Medication Use
- ABRVs2 – Abbreviated Visit, subform 2: Problematic Questions
- ABRVs3 – Abbreviated Visit, subform 3: Pregnancy Outcomes
- ADF – Autoimmune Disease Form
- ADFs1 – Autoimmune Disease Form, subform 1: Drug Treatment
- ADF02 – Autoimmune Disease Form Follow-up
- ADF02s1 – Autoimmune Disease Form Follow-up, subform 1: Drug Treatment
- BLSA – Baltimore Longitudinal Study of Aging Menopause Symptoms Questionnaire
- BPI – Brief Pain Inventory Short Form
- BPIs1 – Brief Pain Inventory Short Form, subform 1: Pain Area
- BPIs2 – Brief Pain Inventory Short Form, subform 2: Medication Treatment
- C30 – Toxoplasmosis
- C31 – HTLV 1 and 2
- C45 – Bacterial Vaginosis Smear Gram Stain
- C50 – Urine for Chlamydia
- C51 – Chlamydia Swab Confirmatory
- C60 – Pap Smear
- C65 – Syphilis DFA – Genital Ulcers and Fissures
- C66 – Serum Herpes Serologies
- C70 – Stimulated Saliva Evaluation (Oral Substudy)
- C71 – Subgingival Plaque (Oral Substudy)

- C72 – Erythematous Candidiasis Results
- COLPO – Colposcopy Tracking
- DRUG1 – Antiviral Medication Use
- DRUG2 – Non-antiviral Medication Use
- DRUG3 – Hepatitis Medication Use
- DSG – Antiretroviral Dosage Form
- DSGs1 – Antiretroviral Dosage Form, subform 1: Antiretroviral Medication Use
- EL – New Recruit Eligibility Form
- F00 – Screening Form
- F01 – Baseline Sociodemographics
- F02 – Baseline Medical and Health History
- F02s1 – Baseline Medical and Health History, subform 1: Research Study Medication Use
- F02s2 – Baseline Medical and Health History, subform 2: Other Medication Use
- F03 – Baseline Obstetric, Gynecologic and Contraceptive History
- F03s1 – Baseline Obstetric, Gynecologic and Contraceptive History, subform 1: Pregnancy History
- F04 – Baseline Alcohol, Drugs and Sexual Behavior
- F05 – Baseline Health Care Utilization
- F06 – Baseline Psychosocial Measures
- F06s1 – Baseline Psychosocial Measures, subform 1: Deceased Children
- F06s2 – Baseline Psychosocial Measures, subform 2: Living Children
- F06s3 – Baseline Psychosocial Measures, subform 3: Interviewer Assessment
- F07 – Baseline and Follow-up Physical Exam
- F07s1 – Physical Exam, subform 1: Skin Lesions
- F07s2 – Physical Exam, subform 2: Oral Lesions
- F7r – Physical Exam Addendum
- F7rs1 – Physical Exam Addendum, subform 1: Location
- F7rs2 – Physical Exam Addendum, subform 2: Oral Lesions
- F08 – Baseline and Follow-up Gynecological Exam
- F08s1 – Gynecological Exam, subform 1: Abnormal Lesions
- F08a – Potential CVL Contaminants
- F09 – Baseline Blood Specimen Collection
- F10 – Plasma and Cell Separation and Freezing
- F11 – Baseline Specimens Collection During Physical Exam
- F20 – New Recruit Baseline History
- F20s1 – New Recruit Baseline History, subform 1: Cancer Diagnoses
- F20s2 – New Recruit Baseline History, subform 2: Pregnancy Outcomes
- F20s3 – New Recruit Baseline History, subform 3: Hepatitis Drugs
- F20s4 – New Recruit Baseline History, subform 4: Head Injury
- F21 – Follow-up Sociodemographics

- F21s1 – Follow-up Sociodemographics, subform 1: Incarceration
- F22 – Follow-up Medical and Health History, part 1 (start – question E8) (visits 2-16)
- F22s1 – Follow-up Medical and Health History, subform 1: Medication History
- F22s2 – Follow-up Medical and Health History, subform 2: Other Medications
- F22s3 – Follow-up Medical and Health History, subform 3: ART Medications
- F22s4 – Follow-up Medical and Health History, subform 4: Non-ART Medications
- F22s5 – Follow-up Medical and Health History, subform 5: Alternate Medications
- F22s6 – Follow-up Medical and Health History, subform 6: Other Medications
- F22s7 – Follow-up Medical and Health History, subform 7: Symptoms
- F22s8 – Follow-up Medical and Health History, subform 8: Cancer
- F22HX – Follow-up Health History (visits 17+)
- F22HXs8 – Follow-up Health History, subform 8: Cancer Diagnoses (visits 17+)
- F22HXs10 – Follow-up Health History, subform 10: Head Injury Report (visits 17+)
- F22MED – Follow-up Medication Use History (visits 17+)
- F22MEDs3 – Follow-up Medication Use History, subform 3: Antiretroviral Medication Use (visits 17+)
- F22MEDs4 – Follow-up Medication Use History, subform 4: Non-antiviral Medication Use (visits 17+)
- F22MEDs5 – Follow-up Medication Use History, subform 5: Alternative and Complementary Medication Use (visits 17+)
- F22MEDs6 – Follow-up Medication Use History, subform 6: Other Prescription Medication Use (visits 17+)
- F22MEDs7 – Follow-up Medication Use History, subform 7: Other Symptoms Report (visits 17-22)
- F22MEDs9 – Follow-up Medication Use History, subform 9: Hepatitis Medication Use (visits 17+)
- F22r – New Recruit Antiretroviral Medication History
- F22rs1 – New Recruit Antiretroviral Medication History, subform 1: ART Medications
- F23 – Follow-up Obstetric, Gynecologic and Contraceptive History
- F23s1 – Follow-up Obstetric, Gynecologic and Contraceptive History, subform 1: Pregnancy History
- F24 – Follow-up Alcohol, Drug Use and Sexual Behavior (visits 2-24)
- F24s1 – Follow-up Alcohol, Drug Use and Sexual Behavior, subform 1: Male Partners
- F24BEH – Follow-up Alcohol, Drug Use and Sexual Behavior (visits 25+)
- F24BEHs1 – Follow-up Alcohol, Drug Use, and Sexual Behavior, subform 1: Other Illicit/Recreational Drug Use
- F25 – Follow-up Health Care Utilization
- F25a – Follow-up Health Care Utilization Supplement
- F25b – Mental Health Care Utilization
- F25bs1 – Mental Health Care Utilization, subform 1: Antidepressants
- F25c – Engagement in Care

- F26 – Follow-up Psychosocial Measures
- F26s1 – Follow-up Psychosocial Measures, subform 1: Deceased Children
- F26a – Assessment of Physical Functioning
- F27 – Karnofsky Scale
- F27s1 – Karnofsky Scale, subform 1: Problematic Questions
- F29 – Follow-up Blood Specimen Collection Form
- F29a – Antiretroviral Usage Assessment for Blood Draw
- F29as1 – Antiretroviral Usage Assessment for Blood Draw, subform 1: Antiretroviral Medication Use in Past Three Days
- F29as2 – Antiretroviral Usage Assessment for Blood Draw, subform 2: Date/Time of Antiretroviral Medication Use
- F29r – New Recruit Blood Specimen Collection
- F31 – Follow-up Specimens Collected During Physical Exam
- F31a – Follow-up Hair Color, Texture and Treatment History
- F31r – New Recruit Specimens Collected During Physical Exam
- FIS – Food Insecurity Sub Study
- FSFI – Female Sexual Functioning Inventory
- HIVSTAT – Sero-status summary file
- HPV KAP – HPV Information
- HX – Family and Personal Medical History
- HXs1 – Family and Personal Medical History, subform 1: Cancer Diagnosis
- IADLLF – Lawton Instrumental Activities of Daily Living: Long Form
- INT – Interim Events Reporting Form
- INTs1 – Interim Events Reporting Form, subform 1: Cancer Metastases
- L01 – HIV ELISA and Western Blot
- L02 – Serum Hepatitis
- L03 – Automated CBC/Differential
- L03A – Hand/Manual Differential
- L04 – Flow Cytometry
- L05 – Liver/Renal Function Tests
- L06 – Serum Syphilis
- L07 – Anergy Panel
- L08 – PPD Skin Test
- L09 – Chlamydia Gen-Probe
- L10 – Urinalysis
- L11 – Urine Culture Result
- L12 – (Urine) Pregnancy Test
- L13 – Gonorrhea Gen-Probe
- L14 – Colposcopy Results
- L15 – Pelvic Exam Histopathology Report

- L16 – Dysplasia Treatment
- L17 – HSV Culture of Ulcers and Fissures
- L18 – Trichomonas Vaginalis Culture
- L19 – CVL Processing
- LABSUM – Summary Lab Variable Data (CD4 Count, CD8 Count, and HIV Viral Load)
- LIPIDS – Metabolic / Lipid Panel Results
- MEN01 – Menopause Symptoms Questionnaire
- MENT – Mental Alternations Test
- NP01 – Baseline Neuropathy Signs and Symptoms
- NPO2 – Follow-up Neuropathy Signs and Symptoms
- OP01 – Medical Evaluation
- OP02 – Research Interview
- OP03 – Saliva Sample Collection
- OP04 – Oral Mucosal Tissue Exam
- OP04s1 – Oral Mucosal Tissue Exam, subform 1: Lesions
- OP05 – Smear Results
- OP06 – Tooth Count and Random Half Mouth
- OP07 – Plaque Index
- OP08 – Gingival Banding Score
- OP09 – Papillary Assessment
- OP10 – Subgingival Plaque
- OP11 – Coronal Caries
- OP12 – Root Caries
- OP13 – Gingival Bleeding
- OP14 – Loss of Attachment, part 1
- OP14p1 – Loss of Attachment, part 2
- OP15 – Dental Prostheses
- OUTCOME – Clinical Outcome Summary File
- PAQ – Physical Activity Questionnaire
- PBM – Performance Based Measures
- PMU – Pain Medication Use Questionnaire
- PREP – New Biomedical HIV Prevention Technologies Questionnaire
- PR01 – Pregnancy Form
- PR02 – Postpartum Form
- PR02s1 – Postpartum Form, subform 1: Pregnancy Outcome
- PRNOTI - Pregnancy Protocol Participation Notification
- PTSD – Stress Assessment Questionnaires
- RAB – Retrospective Medical Record Abstraction
- RABs1 – Retrospective Medical Record Abstraction, subform 1: 1st HAART Regimen
- RABs2 – Retrospective Medical Record Abstraction, subform2: ART Use Prior To HAART

- RABs3 – Retrospective Medical Record Abstraction, subform 3: Additional HAART Regimens
- RABs4 – Retrospective Medical Record Abstraction, subform 4: Post-HAART HIV RNA
- RABs5 – Retrospective Medical Record Abstraction, subform 5: Post-HAART Lab Results
- RABs6 – Retrospective Medical Record Abstraction, subform 6: ART/HAART Drugs
- RABs7 – Retrospective Medical Record Abstraction, subform 7: PEP/PrEP Drugs
- RACE – Ethnicity and Race Questionnaire
- SCR – New Recruit Screening Form
- SCR1 – New Recruit Screening Form, subform 1: Antiretroviral Medication Use
- SDCQ – San Diego Claudication Questionnaire
- TBBL – Baseline TB History for HIV-negatives
- VAC – Vaccine History Form
- VACs1 – Vaccine History Form, subform 1: Vaccine Report