For the NHANES 1999-2000 data files, both the final interview and final examination weights are provided. The interview weight should be used when an analysis uses only data from the household interview. If an analysis uses data from the MEC (MEC interview, examination, or laboratory data on the full MEC sample) exclusively, or in conjunction with the household interview data, the examination weight should be used. Some MEC components and laboratory results were done only on a subsample of the sampled persons. There is a morning versus afternoon subsample and one-half samples for Balance, Mental Health and Audiometry components. Certain laboratory tests were done only on one-third or one-fourth subsamples. For those data files that consist of a subsample of sampled persons use the special survey weights for that particular file in your analysis. Note the subsample files include the subsample weights directly in the file. Due to the smaller sample size, survey weights are larger than in past NHANES. Data users should first employ exploratory data analysis on their variables of interest, including examining the data for outliers due to influential values and/or influential weights. Due to smaller sample sizes in NHANES 99-00, standard errors for a variable in NHANES 1999-2000 will be approximately 70% greater than for the corresponding variable in NHANES III.   Because differential probabilities of selection were used in NHANES 1999-2000, it is highly recommended that any statistical inference based on the survey data use the sample weights that are provided on the data file.

The sample weights were calculated from the base probabilities of selection, adjusted for non-response, and post-stratified to match population control totals. For NHANES 1999-2000, weighting adjustments involved multiple levels. Due to the nested levels of data collection (screener, household interview, examination) and to keep the weights from being too variable, a non-response adjustment was applied at each level of data collection, that is, for the screener interview, the household interview and the MEC examination. Post-stratification was applied at each nested level as well.

NCHS encourages the user to read the data file documentation before undertaking any analysis. The documentation will indicate how the data were collected and how the data are coded. For NHANES 1999-2000, the documentation will also indicate if a data item was collected on all or a sub-sample of sample persons, if it was collected on a limited age-range, or if exclusion criteria were applied for a specific examination component. The current documentation can be compared with documentation from past NHANES surveys to determine if a specific data item is comparable with a similar data item collected in previous surveys. Sample weights should be used for the most appropriate design-based estimation. For NHANES 1999-2000 the use of sampling weights is recommended for all analyses because the sample design incorporates differential probabilities of selection. For further details visit the NHANES 1999-2000 data release page (http://www.cdc.gov/nchs/about/major/nhanes/NHANES99_00.htm) or review the NHANES 1999-2000 analytic guidelines (http://www.cdc.gov/nchs/data/nhanes/guidelines1.pdf)

Table 1. Examination Data

Component	Data File	File Containing Sample Weights to Use for Analysis
Audiometry	aux1.xpt	Audiometry sub-sample weights in aux1.xpt
Balance	BAX.xpt	Balance sub-sample weights in BAX.xpt
Bioelectrical Impedance Analysis	bix.xpt	MEC Exam weights in DEMO.xpt
Blood Pressure	BPX.xpt	MEC Exam weights in DEMO.xpt
Body Measures	BMX.xpt	MEC Exam weights in DEMO.xpt
Cardiovascular Fitness	cvx.xpt	MEC Exam weights in DEMO.xpt
Composite Internal Diagnostic Interview (Generalized Anxiety Disorder)	CIQGAD.xpt	CIQGAD sub-sample weights in CIQGAD.xpt
Composite Internal Diagnostic Interview (Major Depression Module)	CIQMDEP.xpt	CIQMDEP sub-sample weights in CIQMDEP.xpt
Composite Internal Diagnostic Interview (Panic Disorder Module)	CIQPANIC.xpt	CIQPANIC sub-sample weights in CIQPANIC.xpt
Dietary Interview (Individual Foods Files)	DRXIFF.xpt	MEC Exam weights in DEMO.xpt
Dietary Interview (Total Nutrients)	DRXTOT.xpt	MEC Exam weights in DEMO.xpt
Lower Extremity Disease (Ankle Brachial Blood Pressure)	LEXABPI.xpt	MEC Exam weights in DEMO.xpt
Lower Extremity Disease (Peripheral Neuropathy)	LEXPN.xpt	MEC Exam weights in DEMO.xpt
Muscular Strength	MSX.xpt	MEC Exam weights in DEMO.xpt
Oral Health Exam Dentition	OHXDENT.XPT	MEC Exam weights in DEMO.xpt
Oral Health Exam Recommendation of Care	OHXREF.XPT	MEC Exam weights in DEMO.xpt
Oral Health Exam Periodontal	OHXPERIO.XPT	MEC Exam weights in DEMO.xpt
Shared Exclusion Questions	SEQ.xpt	MEC Exam weights in DEMO.xpt

Table 2. Laboratory Data

Analytes	Data File	File Containing Sample Weights to Use for Analysis
Hepatitis C	LAB02.xpt	MEC Exam weights in DEMO.xpt
Human Immunodeficiency Virus	LAB03.xpt	MEC Exam weights in DEMO.xpt
Chlamydia and Gonorrhea (ages 18 – 39)	LAB05.xpt	MEC Exam weights in DEMO.xpt
Chlamydia and Gonorrhea (ages 14 – 17)	Available through the NCHS Research Data Center Only	MEC Exam weights in DEMO.xpt
Biochemistry And trace metals	LAB06.xpt (updated February 2003)	MEC Exam weights in DEMO.xpt
Heavy metals	LAB06HM.xpt	Heavy metals sub-sample weights in LAB06HM.xpt
Latex and latex class	LAB07.xpt	MEC Exam weights in DEMO.xpt
Herpes 1 (ages 14 - 49); Herpes 2 & Herpes 2 Confirmation test (ages 18 - 49)	LAB09.xpt (updated February 2003)	MEC Exam weights in DEMO.xpt
Herpes 2 & Herpes 2 Confirmation test (ages 14 - 17)	Available through the NCHS Research Data Center Only	MEC Exam weights in DEMO.xpt
Glycohemoglobin	LAB10.xpt	MEC Exam weights in DEMO.xpt
Plasma Glucose	LAB10AM.xpt	Plasma Glucose sub-sample weights in LAB10AM.xpt
CRP, HP, FIB, and bone markers	LAB11.xpt	MEC Exam weights in DEMO.xpt
Total cholesterol	LAB13.xpt	MEC Exam weights in DEMO.xpt
Triglycerides	LAB13AM.xpt	Triglycerides sub-sample weights in LAB13AM.xpt
Urinary albumin and creatinine	LAB16.xpt	MEC Exam weights in DEMO.xpt
Cryptosporidium and toxoplasma	LAB17.xpt	MEC Exam weights in DEMO.xpt
Biochemistry Profile and hormones	LAB18.xpt	MEC Exam weights in DEMO.xpt
Measles, rubella, and varicella	LAB19.xpt	MEC Exam weights in DEMO.xpt
Hair mercury	LAB22.xpt	MEC Exam weights in DEMO.xpt
Complete blood count	LAB25.xpt	MEC Exam weights in DEMO.xpt
Pesticides	LAB26PP.xpt	Pesticides sub-sample weights in LAB26PP.xpt
Dioxins	LAB28POC.xpt	Dioxins sub-sample weights in LAB28POC.xpt
Phlebotomy	PH.xpt	MEC Exam weights in DEMO.xpt

Urinary Phthalates	PHPYPA.xpt	Phthalates sub-sample weights in PHPYPA.xpt
Urine collection	UC.xpt	MEC Exam weights in DEMO.xpt

Table 3. Questionnaire Data

Section	Data File	File Containing Sample weights to Use for Analysis
Acculturation	ACQ.xpt	Interview weights in DEMO.xpt
Alcohol Use (ages 20+)	ALQ.xpt	MEC Exam weights in DEMO.xpt
Alcohol Use (ages 12 – 19)	Available through the NCHS Research Data Center Only	MEC Exam weights in DEMO.xpt
Audiometry	AUQ.xpt	Interview weights in DEMO.xpt
Balance	BAQ.xpt	Interview weights in DEMO.xpt
Cardiovascular Disease	CDQ.xpt	Interview weights in DEMO.xpt
Diet Behavior	DBQ.xpt (updated July 25, 2002)	Interview weights in DEMO.xpt
Dermatology	DEQ.xpt	Interview weights in DEMO.xpt
Diabetes	DIQ.xpt	Interview weights in DEMO.xpt
Dietary Supplements	DSQ.xpt	Interview weights in DEMO.xpt
Drug Use (ages 20+)	DUQ.xpt	MEC Exam weights in DEMO.xpt
Drug Use (ages 12 – 19)	Available through the NCHS Research Data Center Only	MEC Exam weights in DEMO.xpt
Early Childhood	ECQ.xpt	Interview weights in DEMO.xpt
Health Status	HSQ.xpt	MEC Exam weights in DEMO.xpt
Hospital Utilization	HUQ.xpt	Interview weights in DEMO.xpt
Immunization	IMQ.xpt	Interview weights in DEMO.xpt
Kidney	KIQ.xpt	Interview weights in DEMO.xpt & MEC Exam weights in DEMO.xpt
Medical Conditions	MCQ.xpt	Interview weights in DEMO.xpt
Miscellaneous Pain	MPQ.xpt	Interview weights in DEMO.xpt
Occupation	OCQ.xpt	Interview weights in DEMO.xpt
Osteoporosis	OSQ.xpt	Interview weights in DEMO.xpt

Physical Activity (without METS)	PAQ.xpt	Interview weights in DEMO.xpt & MEC Exam weights in DEMO.xpt
Physical Functioning	PFQ.xpt	Interview weights in DEMO.xpt
Prescription Medication	RXQ_RX.xpt	Interview weights in DEMO.xpt
Reproductive Health (ages 20+)	RHQ.xpt	MEC Exam weights in DEMO.xpt
Reproductive Health (ages 12 – 19)	Available through the NCHS Research Data Center Only	MEC Exam weights in DEMO.xpt
Respiratory Disease	RDQ.xpt	Interview weights in DEMO.xpt
Analgesics/Pain Relievers	RXQ_ANA.xpt	Interview weights in DEMO.xpt
Sexual Behavior (ages 20+)	SXQ.xpt	MEC weights in DEMO.xpt
Sexual Behavior (ages 12 – 19)	Available through the NCHS Research Data Center Only	MEC Exam weights in DEMO.xpt
Smoking & Tobacco Use	SMQ.xpt (updated February 2003)	Interview weights in DEMO.xpt
Smoking & Tobacco Use	SMQMEC.xpt	MEC Exam weights in DEMO.xpt
Social Support	SSQ.xpt	Interview weights in DEMO.xpt
Tuberculosis	TBQ.xpt	Interview weights in DEMO.xpt
Youth Conduct	Available through the NCHS Research Data Center Only	MEC Exam weights in DEMO.xpt
Weight History	WHQ.xpt	Interview weights in DEMO.xpt