

NHANES 99+
Codebook for Data Collection (1999-2000)
February 2003

LAB06HM - CDC - Barium, Beryllium, Cobalt, Cadmium, Cesium, Molybdenum, Lead, Platinum, Antimony, Thallium, and Tungsten

Person level data – use heavy metal sample weights for analysis

SEQN	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Respondent sequence number	
English Text: Respondent sequence number		
English Instructions:< blank >		
Codes:		

WTSHM2YR	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Subsample 2 year Mec Weight	
English Text: Heavy Metal Subsample 2 year Mec Weight		
English Instructions:< blank >		
Codes:		

WTSHM01	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 01	
English Text: Heavy Metal Mec Weight Jack Knife Rep 01		
English Instructions:< blank >		
Codes:		

WTSHM02	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)

Hard Edits	SAS Label
	Heavy Metal Mec Weight Jack Knife Rep 02
English Text: Heavy Metal Mec Weight Jack Knife Rep 02	
English Instructions:< blank >	
Codes:	

WTSHM03	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 03	
English Text: Heavy Metal Mec Weight Jack Knife Rep 03		
English Instructions:< blank >		
Codes:		

WTSHM04	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 04	
English Text: Heavy Metal Mec Weight Jack Knife Rep 04		
English Instructions:< blank >		
Codes:		

WTSHM05	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 05	
English Text: Heavy Metal Mec Weight Jack Knife Rep 05		
English Instructions:< blank >		
Codes:		

WTSHM06	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 06	

English Text: Heavy Metal Mec Weight Jack Knife Rep 06

English Instructions:< blank >

Codes:

WTSHM07	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 07	

English Text: Heavy Metal Mec Weight Jack Knife Rep 07

English Instructions:< blank >

Codes:

WTSHM08	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 08	

English Text: Heavy Metal Mec Weight Jack Knife Rep 08

English Instructions:< blank >

Codes:

WTSHM09	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 09	

English Text: Heavy Metal Mec Weight Jack Knife Rep 09

English Instructions:< blank >

Codes:

WTSHM10	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 10	

English Text: Heavy Metal Mec Weight Jack Knife Rep 10

English Instructions:< blank >

Codes:

WTSHM11	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 11	
English Text: Heavy Metal Mec Weight Jack Knife Rep 11		
English Instructions:< blank >		
Codes:		

WTSHM12	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 12	
English Text: Heavy Metal Mec Weight Jack Knife Rep 12		
English Instructions:< blank >		
Codes:		

WTSHM13	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 13	
English Text: Heavy Metal Mec Weight Jack Knife Rep 13		
English Instructions:< blank >		
Codes:		

WTSHM14	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 14	
English Text: Heavy Metal Mec Weight Jack Knife Rep 14		
English Instructions:< blank >		
Codes:		

WTSHM15	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 15	
English Text: Heavy Metal Mec Weight Jack Knife Rep 15		
English Instructions:< blank >		
Codes:		

WTSHM16	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 16	
English Text: Heavy Metal Mec Weight Jack Knife Rep 16		
English Instructions:< blank >		
Codes:		

WTSHM17	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 17	
English Text: Heavy Metal Mec Weight Jack Knife Rep 17		
English Instructions:< blank >		
Codes:		

WTSHM18	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 18	
English Text: Heavy Metal Mec Weight Jack Knife Rep 18		
English Instructions:< blank >		
Codes:		

WTSHM19	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)

Hard Edits	SAS Label
	Heavy Metal Mec Weight Jack Knife Rep 19
English Text: Heavy Metal Mec Weight Jack Knife Rep 19	
English Instructions:< blank >	
Codes:	

WTSHM20	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 20	
English Text: Heavy Metal Mec Weight Jack Knife Rep 20		
English Instructions:< blank >		
Codes:		

WTSHM21	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 21	
English Text: Heavy Metal Mec Weight Jack Knife Rep 21		
English Instructions:< blank >		
Codes:		

WTSHM22	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 22	
English Text: Heavy Metal Mec Weight Jack Knife Rep 22		
English Instructions:< blank >		
Codes:		

WTSHM23	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 23	

English Text: Heavy Metal Mec Weight Jack Knife Rep 23

English Instructions:< blank >

Codes:

WTSHM24	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 24	

English Text: Heavy Metal Mec Weight Jack Knife Rep 24

English Instructions:< blank >

Codes:

WTSHM25	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 25	

English Text: Heavy Metal Mec Weight Jack Knife Rep 25

English Instructions:< blank >

Codes:

WTSHM26	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 26	

English Text: Heavy Metal Mec Weight Jack Knife Rep 26

English Instructions:< blank >

Codes:

WTSHM27	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 27	

English Text: Heavy Metal Mec Weight Jack Knife Rep 27

English Instructions:< blank >

Codes:

WTSHM28	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 28	
English Text: Heavy Metal Mec Weight Jack Knife Rep 28		
English Instructions:< blank >		
Codes:		

WTSHM29	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 29	
English Text: Heavy Metal Mec Weight Jack Knife Rep 29		
English Instructions:< blank >		
Codes:		

WTSHM30	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 30	
English Text: Heavy Metal Mec Weight Jack Knife Rep 30		
English Instructions:< blank >		
Codes:		

WTSHM31	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 31	
English Text: Heavy Metal Mec Weight Jack Knife Rep 31		
English Instructions:< blank >		
Codes:		

WTSHM32	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 32	
English Text: Heavy Metal Mec Weight Jack Knife Rep 32		
English Instructions:< blank >		
Codes:		

WTSHM33	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 33	
English Text: Heavy Metal Mec Weight Jack Knife Rep 33		
English Instructions:< blank >		
Codes:		

WTSHM34	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 34	
English Text: Heavy Metal Mec Weight Jack Knife Rep 34		
English Instructions:< blank >		
Codes:		

WTSHM35	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 35	
English Text: Heavy Metal Mec Weight Jack Knife Rep 35		
English Instructions:< blank >		
Codes:		

WTSHM36	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)

Hard Edits	SAS Label
	Heavy Metal Mec Weight Jack Knife Rep 36
English Text: Heavy Metal Mec Weight Jack Knife Rep 36	
English Instructions:< blank >	
Codes:	

WTSHM37	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 37	
English Text: Heavy Metal Mec Weight Jack Knife Rep 37		
English Instructions:< blank >		
Codes:		

WTSHM38	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 38	
English Text: Heavy Metal Mec Weight Jack Knife Rep 38		
English Instructions:< blank >		
Codes:		

WTSHM39	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 39	
English Text: Heavy Metal Mec Weight Jack Knife Rep 39		
English Instructions:< blank >		
Codes:		

WTSHM40	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 40	

English Text: Heavy Metal Mec Weight Jack Knife Rep 40

English Instructions:< blank >

Codes:

WTSHM41	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 41	

English Text: Heavy Metal Mec Weight Jack Knife Rep 41

English Instructions:< blank >

Codes:

WTSHM42	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 42	

English Text: Heavy Metal Mec Weight Jack Knife Rep 42

English Instructions:< blank >

Codes:

WTSHM43	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 43	

English Text: Heavy Metal Mec Weight Jack Knife Rep 43

English Instructions:< blank >

Codes:

WTSHM44	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 44	

English Text: Heavy Metal Mec Weight Jack Knife Rep 44

English Instructions:< blank >

Codes:

WTSHM45	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 45	
English Text: Heavy Metal Mec Weight Jack Knife Rep 45		
English Instructions:< blank >		
Codes:		

WTSHM46	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 46	
English Text: Heavy Metal Mec Weight Jack Knife Rep 46		
English Instructions:< blank >		
Codes:		

WTSHM47	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 47	
English Text: Heavy Metal Mec Weight Jack Knife Rep 47		
English Instructions:< blank >		
Codes:		

WTSHM48	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 48	
English Text: Heavy Metal Mec Weight Jack Knife Rep 48		
English Instructions:< blank >		
Codes:		

WTSHM49	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 49	
English Text: Heavy Metal Mec Weight Jack Knife Rep 49		
English Instructions:< blank >		
Codes:		

WTSHM50	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 50	
English Text: Heavy Metal Mec Weight Jack Knife Rep 50		
English Instructions:< blank >		
Codes:		

WTSHM51	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 51	
English Text: Heavy Metal Mec Weight Jack Knife Rep 51		
English Instructions:< blank >		
Codes:		

WTSHM52	Version Info	Target
	Version 1.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Heavy Metal Mec Weight Jack Knife Rep 52	
English Text: Heavy Metal Mec Weight Jack Knife Rep52		
English Instructions:< blank >		
Codes:		

URXUBA	Version Info	Target
	Version 2.0	B(6 Yrs. - 150 Yrs.)

Hard Edits	SAS Label
0 - 9999.99	Barium, urine (ng/mL)
English Text: Barium, urine (ng/mL)	
English Instructions:< blank >	
Codes:	

URXUBE	Version Info	Target
	Version 2.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
0 - 99.99	Beryllium, urine (ng/mL)	
English Text: Beryllium, urine (ng/mL)		
English Instructions:< blank >		
Codes:		

URXUCD	Version Info	Target
	Version 2.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
0 - 999.99	Cadmium, urine (ng/mL)	
English Text: Cadmium, urine (ng/mL)		
English Instructions:< blank >		
Codes:		

URXUCO	Version Info	Target
	Version 2.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
0 - 999.99	Cobalt, urine (ng/mL)	
English Text: Cobalt, urine (ng/mL)		
English Instructions:< blank >		
Codes:		

URXUCS	Version Info	Target
	Version 2.0	B(6 Yrs. - 150 Yrs.)

Hard Edits	SAS Label
0 - 999.99	Cesium, urine (ng/mL)
English Text: Cesium, urine (ng/mL)	
English Instructions:< blank >	
Codes:	

URXUMO	Version Info	Target
	Version 2.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
0 - 9999.9	Molybdenum, urine (ng/mL)	
English Text: Molybdenum, urine (ng/mL)		
English Instructions:< blank >		
Codes:		

URXUPB	Version Info	Target
	Version 2.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
0 - 999.99	Lead, urine (ng/mL)	
English Text: Lead, urine (ng/mL)		
English Instructions:< blank >		
Codes:		

URXUPT	Version Info	Target
	Version 2.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
0 - 99.99	Platinum, urine (ng/mL)	
English Text: Platinum, urine (ng/mL)		
English Instructions:< blank >		
Codes:		

URXUSB	Version Info	Target
	Version 2.0	B(6 Yrs. - 150 Yrs.)

Hard Edits	SAS Label
0 - 99.99	Antimony, urine (ng/mL)
English Text: Antimony, urine (ng/mL)	
English Instructions:< blank >	
Codes:	

URXUTL	Version Info	Target
	Version 2.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
0 - 99.99	Thallium, urine (ng/mL)	
English Text: Thallium, urine (ng/mL)		
English Instructions:< blank >		
Codes:		

URXUTU	Version Info	Target
	Version 2.0	B(6 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
0 - 9999.99	Tungsten, urine (ng/mL)	
English Text: Tungsten, urine (ng/mL)		
English Instructions:< blank >		
Codes:		