

**National Health and Nutrition Examination Survey
Codebook for Data Production (1999-2000)**

**Urinary Barium, Beryllium, Cadmium, Cobalt, Cesium, Molybdenum,
Lead, Platinum, Antimony, Thallium, and Tungsten (LAB06HM)
Person level data -- use 2 year and 4 year Weights for analysis**

July 2005

SEQN	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Respondent sequence number
English Text: Respondent sequence number.	
English Instructions:	

WTSHM2YR	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Heavy Metal Subsample 2 Year Mec Weight
English Text: Heavy Metal Subsample 2 year Mec Weight	
English Instructions:	
Codes:	Skip To Values:
0= Non-Respondent	
>0= Respondent	

WTSHM4YR	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Heavy Metal Subsample 4 Year Mec Weight
English Text: Heavy Metal Subsample 4 Year Weight	
English Instructions:	
Codes:	Skip To Values:
0= Non-Respondent	
>0= Respondent	

WTSHM01	Target
	B(6 Yrs. to 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:	

WTSHM02	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Heavy Metal Mec Weight Jack Knife Rep 02
English Text: Heavy Metal Mec Weight Jack Knife Rep 01	
English Instructions:	

WTSHM03	Target
	B(6 Yrs. to 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:	

WTSHM04	Target
	B(6 Yrs. to 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:	

WTSHM05	Target
	B(6 Yrs. to 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:	

WTSHM06	Target
	B(6 Yrs. to 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:	

WTSHM07	Target
	B(6 Yrs. to 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:	

WTSHM08	Target
	B(6 Yrs. to 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:	

WTSHM09	Target
	B(6 Yrs. to 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:	

WTSHM10	Target
	B(6 Yrs. to 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:	

WTSHM11	Target
	B(6 Yrs. to 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:	

WTSHM12	Target
	B(6 Yrs. to 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:	

WTSHM13	Target
	B(6 Yrs. to 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:	

WTSHM14	Target
	B(6 Yrs. to 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:	

WTSHM15	Target
	B(6 Yrs. to 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:	

WTSHM16	Target
	B(6 Yrs. to 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:	

WTSHM17	Target
	B(6 Yrs. to 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:	

WTSHM18	Target
	B(6 Yrs. to 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:	

WTSHM19	Target
	B(6 Yrs. to 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:	

WTSHM20	Target
	B(6 Yrs. to 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:	

WTSHM21	Target
	B(6 Yrs. to 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:	

WTSHM22	Target
	B(6 Yrs. to 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:	

WTSHM23	Target
	B(6 Yrs. to 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:	

WTSHM24	Target
	B(6 Yrs. to 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:	

WTSHM25	Target
	B(6 Yrs. to 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:	

WTSHM26	Target
	B(6 Yrs. to 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:	

WTSHM27	Target
	B(6 Yrs. to 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:	

WTSHM28	Target
	B(6 Yrs. to 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:	

WTSHM29	Target
	B(6 Yrs. to 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:	

WTSHM30	Target
	B(6 Yrs. to 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:	

WTSHM31	Target
	B(6 Yrs. to 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:	

WTSHM32	Target
	B(6 Yrs. to 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:	

WTSHM33	Target
	B(6 Yrs. to 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:	

WTSHM34	Target
	B(6 Yrs. to 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:	

WTSHM35	Target
	B(6 Yrs. to 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:	

WTSHM36	Target
	B(6 Yrs. to 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:	

WTSHM37	Target
	B(6 Yrs. to 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:	

WTSHM38	Target
	B(6 Yrs. to 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:	

WTSHM39	Target
	B(6 Yrs. to 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:	

WTSHM40	Target
	B(6 Yrs. to 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:	

WTSHM41	Target
	B(6 Yrs. to 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:	

WTSHM42	Target
	B(6 Yrs. to 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:	

WTSHM43	Target
	B(6 Yrs. to 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:	

WTSHM44	Target
	B(6 Yrs. to 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:	

WTSHM45	Target
	B(6 Yrs. to 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:	

WTSHM46	Target
	B(6 Yrs. to 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:	

WTSHM47	Target
	B(6 Yrs. to 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:	

WTSHM48	Target
	B(6 Yrs. to 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:	

WTSHM49	Target
	B(6 Yrs. to 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:	

WTSHM50	Target
	B(6 Yrs. to 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:	

WTSHM51	Target
	B(6 Yrs. to 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:	

WTSHM52	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Heavy Metal Mec Weight Jack Knife Rep 52
English Text: Heavy Metal Mec Weight Jack Knife Rep 52	
English Instructions:	

URXUCR	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Creatinine, urine (mg/dL)
English Text: Creatinine, urine (mg/dL)	
English Instructions:	

URXUBA	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Barium, urine (ng/mL)
English Text: Barium, urine (ng/mL)	
English Instructions:	

URXUBE	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Beryllium, urine (ng/mL)
English Text: Beryllium, urine (ng/mL)	
English Instructions:	

URDUCD	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Cadmium, urine (ng/mL)
English Text: Cadmium, urine (ng/mL)	
English Instructions:	

URDUCDLC	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Urinary cadmium comment code
English Text: Urinary cadmium comment code	
English Instructions:	
Codes:	Skip To Values:
0= detectable result	
1= below detectable limit	
. = missing	

URXUCO	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Cobalt, urine (ng/mL)
English Text: Cobalt, urine (ng/mL)	
English Instructions:	

URXUCS	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Cesium, urine (ng/mL)
English Text: Cesium, urine (ng/mL)	
English Instructions:	

URXUMO	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label

	Molybdenum, urine (ng/mL)
English Text: Molybdenum, urine (ng/mL)	
English Instructions:	

URXUPB	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Lead, urine (ng/mL)
English Text: Lead, urine (ng/mL)	
English Instructions:	

URXUPT	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Platinum, urine (ng/mL)
English Text: Platinum, urine (ng/mL)	
English Instructions:	

URXUSB	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Antimony, urine (ng/mL)
English Text: Antimony, urine (ng/mL)	
English Instructions:	

URXUTL	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Thallium, urine (ng/mL)
English Text: Thallium, urine (ng/mL)	
English Instructions:	

URXUTU	Target
	B(6 Yrs. to 150 Yrs.)
Hard Edits	SAS Label

	Tungsten, urine (ng/mL)
English Text: Tungsten, urine (ng/mL)	
English Instructions:	

