

**National Health and Nutrition Examination Survey  
Codebook for Data Production (2001-2002)**

**Blood Lead and Cadmium, Ferritin, Folate, RBC Folate, Vitamin B12,  
Homocysteine, Mercury, Methylmalonic acid, Cotinine (L06\_B)  
Person Level Data**

**January 2005**

<b>SEQN</b>	<b>Target</b>
	B(1 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Respondent sequence number
<b>English Text:</b> Respondent sequence number.	
<b>English Instructions:</b>	

<b>LBXBCD</b>	<b>Target</b>
	B(1 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Cadmium (ug/L)
<b>English Text:</b> Cadmium (ug/L)	
<b>English Instructions:</b>	

<b>LBDBCDSI</b>	<b>Target</b>
	B(1 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Cadmium (umol/L)
<b>English Text:</b> Cadmium (umol/L)	
<b>English Instructions:</b>	

<b>LBXBPB</b>	<b>Target</b>
	B(1 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Lead (ug/dL)
<b>English Text:</b> Lead (ug/dL)	
<b>English Instructions:</b>	

<b>LBDBPBSI</b>	<b>Target</b>
	B(1 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Lead (umol/L)
<b>English Text:</b> Lead (umol/L)	
<b>English Instructions:</b>	

<b>LBXRBF</b>	<b>Target</b>
	B(3 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Folate, RBC (ng/mL RBC)
<b>English Text:</b> Folate, RBC (ng/mL RBC)	
<b>English Instructions:</b>	

<b>LBDRBFSI</b>	<b>Target</b>
	B(3 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Folate, RBC (nmol/L RBC)
<b>English Text:</b> Folate, RBC (nmol/L RBC)	
<b>English Instructions:</b>	

<b>LBXTHG</b>	<b>Target</b>
	B(1 Yrs. to 5 Yrs.) F(16 Yrs. to 49 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Mercury, total (ug/L)
<b>English Text:</b> Mercury, total (ug/L)	
<b>English Instructions:</b>	

<b>LBDTHGSI</b>	<b>Target</b>
	B(1 Yrs. to 5 Yrs.) F(16 Yrs. to 49 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Mercury, total (umol/L)
<b>English Text:</b> Mercury, total (umol/L)	
<b>English Instructions:</b>	

<b>LBXIHG</b>	<b>Target</b>
	B(1 Yrs. to 5 Yrs.) F(16 Yrs. to 49 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Mercury, inorganic (ug/L)
<b>English Text:</b> Mercury, inorganic (ug/L)	
<b>English Instructions:</b>	

<b>LBDIHGSI</b>	<b>Target</b>
	B(1 Yrs. to 5 Yrs.) B(16 Yrs. to 49 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Mercury, inorganic (umol/L)
<b>English Text:</b> Mercury, inorganic (umol/L)	
<b>English Instructions:</b>	

<b>LBXHCY</b>	<b>Target</b>
	B(3 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Homocysteine (umol/L)
<b>English Text:</b> Homocysteine(umol/L)	
<b>English Instructions:</b>	

<b>LBXFER</b>	<b>Target</b>
	B(1 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Ferritin (ng/mL)
<b>English Text:</b> Ferritin (ng/mL)	
<b>English Instructions:</b>	

<b>LBDFERSI</b>	<b>Target</b>
	B(1 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Ferritin (ug/L)
<b>English Text:</b> Ferritin (ug/L)	
<b>English Instructions:</b>	

<b>LBXB12</b>	<b>Target</b>
	B(3 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Vitamin B12, serum (pg/mL)
<b>English Text:</b> Vitamin B12, serum (pg/mL)	
<b>English Instructions:</b>	

<b>LBDB12SI</b>	<b>Target</b>
	B(3 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Vitamin B12, serum (pmol/L)
<b>English Text:</b> Vitamin B12, serum (pmol/L)	
<b>English Instructions:</b>	

<b>LBXFOL</b>	<b>Target</b>
	B(3 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Folate, serum (ng/mL)
<b>English Text:</b> Folate, serum (ng/mL)	
<b>English Instructions:</b>	

<b>LBDFOLSI</b>	<b>Target</b>
	B(3 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Folate, serum (nmol/L)
<b>English Text:</b> Folate, serum (nmol/L)	
<b>English Instructions:</b>	

<b>LBXMMA</b>	<b>Target</b>
	B(3 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Methylmalonic acid (umol/L)
<b>English Text:</b> Methylmalonic acid (umol/L)	
<b>English Instructions:</b>	

<b>LBXCOT</b>	<b>Target</b>
	B(3 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Cotinine (ng/mL)
<b>English Text:</b> Cotinine (ng/mL)	
<b>English Instructions:</b>	

<b>LBDCOTLC</b>	<b>Target</b>
	B(3 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Cotinine comment code
<b>English Text:</b> Cotinine comment code	
<b>English Instructions:</b>	
<b>Codes:</b>	<b>Skip To Values:</b>
0= detectable result	
1= below detectable limit	
. = missing	

<b>URXUHG</b>	<b>Target</b>
	F(16 Yrs. to 49 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Mercury, urine (ng/mL)
<b>English Text:</b> Mercury, urine (ng/mL)	
<b>English Instructions:</b>	