

National Health and Nutrition Examination Survey  
Codebook for Data Collection (1999–2000)  
Release Date: September, 2003

LAB10AM – University of Missouri – Plasma Glucose, Serum C-peptide, and  
Serum Insulin

Person level data -- use morning subsample for weights for analysis

SEQN	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Respondent sequence number	
English Text: Respondent sequence number		
English Instructions: < blank >		
Codes:		

WTSAM2YR	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Subsample 2 year Mec Weight	
English Text: Morning Subsample 2 year Mec Weight		
English Instructions: < blank >		
Codes:		

WTSAM01	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 01	
English Text: Morning Mec Weight Jack Knife Rep 01		
English Instructions: < blank >		
Codes:		

WTSAM02	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 02	

English Text: Morning Mec Weight Jack Knife Rep 02
English Instructions: < blank >
Codes:

<b>WTSAM03</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 03	

English Text: Morning Mec Weight Jack Knife Rep 03
English Instructions: < blank >
Codes:

<b>WTSAM04</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 04	

English Text: Morning Mec Weight Jack Knife Rep 04
English Instructions: < blank >
Codes:

<b>WTSAM05</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 05	

English Text: Morning Mec Weight Jack Knife Rep 05
English Instructions: < blank >
Codes:

<b>WTSAM06</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 06	

English Text: Morning Mec Weight Jack Knife Rep 06
English Instructions: < blank >
Codes:

	<b>Version Info</b>	<b>Target</b>
--	---------------------	---------------

<b>WTSAM07</b>	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 07	
English Text: Morning Mec Weight Jack Knife Rep 07		
English Instructions: < blank >		
Codes:		

<b>WTSAM08</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 08	
English Text: Morning Mec Weight Jack Knife Rep 08		
English Instructions: < blank >		
Codes:		

<b>WTSAM09</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 09	
English Text: Morning Mec Weight Jack Knife Rep 09		
English Instructions: < blank >		
Codes:		

<b>WTSAM10</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 10	
English Text: Morning Mec Weight Jack Knife Rep 10		
English Instructions: < blank >		
Codes:		

<b>WTSAM11</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 11	
English Text: Morning Mec Weight Jack Knife Rep 11		

English Instructions: < blank >  
Codes:

WTSAM12	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 12	
English Text: Morning Mec Weight Jack Knife Rep 12		
English Instructions: < blank >		
Codes:		

WTSAM13	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 13	
English Text: Morning Mec Weight Jack Knife Rep 13		
English Instructions: < blank >		
Codes:		

WTSAM14	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 14	
English Text: Morning Mec Weight Jack Knife Rep 14		
English Instructions: < blank >		
Codes:		

WTSAM15	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 15	
English Text: Morning Mec Weight Jack Knife Rep 15		
English Instructions: < blank >		
Codes:		

WTSAM16	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)

<b>Hard Edits</b>	<b>SAS Label</b>
	Morning Mec Weight Jack Knife Rep 16
English Text: Morning Mec Weight Jack Knife Rep 16	
English Instructions: < blank >	
Codes:	

<b>WTSAM17</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 17	
English Text: Morning Mec Weight Jack Knife Rep 17		
English Instructions: < blank >		
Codes:		

<b>WTSAM18</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 18	
English Text: Morning Mec Weight Jack Knife Rep 18		
English Instructions: < blank >		
Codes:		

<b>WTSAM19</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 19	
English Text: Morning Mec Weight Jack Knife Rep 19		
English Instructions: < blank >		
Codes:		

<b>WTSAM20</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 20	
English Text: Morning Mec Weight Jack Knife Rep 20		
English Instructions: < blank >		

Codes:

WTSAM21	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 21	
English Text: Morning Mec Weight Jack Knife Rep 21		
English Instructions: < blank >		
Codes:		

WTSAM22	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 22	
English Text: Morning Mec Weight Jack Knife Rep 22		
English Instructions: < blank >		
Codes:		

WTSAM23	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 23	
English Text: Morning Mec Weight Jack Knife Rep 23		
English Instructions: < blank >		
Codes:		

WTSAM24	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 24	
English Text: Morning Mec Weight Jack Knife Rep 24		
English Instructions: < blank >		
Codes:		

WTSAM25	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	

	Morning Mec Weight Jack Knife Rep 25
English Text: Morning Mec Weight Jack Knife Rep 25	
English Instructions: < blank >	
Codes:	

<b>WTSAM26</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 26	
English Text: Morning Mec Weight Jack Knife Rep 26		
English Instructions: < blank >		
Codes:		

<b>WTSAM27</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 27	
English Text: Morning Mec Weight Jack Knife Rep 27		
English Instructions: < blank >		
Codes:		

<b>WTSAM28</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 28	
English Text: Morning Mec Weight Jack Knife Rep 28		
English Instructions: < blank >		
Codes:		

<b>WTSAM29</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 29	
English Text: Morning Mec Weight Jack Knife Rep 29		
English Instructions: < blank >		
Codes:		

WTSAM30	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 30	
English Text: Morning Mec Weight Jack Knife Rep 30		
English Instructions: < blank >		
Codes:		

WTSAM31	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 31	
English Text: Morning Mec Weight Jack Knife Rep 31		
English Instructions: < blank >		
Codes:		

WTSAM32	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 32	
English Text: Morning Mec Weight Jack Knife Rep 32		
English Instructions: < blank >		
Codes:		

WTSAM33	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 33	
English Text: Morning Mec Weight Jack Knife Rep 33		
English Instructions: < blank >		
Codes:		

WTSAM34	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 34	



English Text: Morning Mec Weight Jack Knife Rep 34
English Instructions: < blank >
Codes:

<b>WTSAM35</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 35	

English Text: Morning Mec Weight Jack Knife Rep 35
English Instructions: < blank >
Codes:

<b>WTSAM36</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 36	

English Text: Morning Mec Weight Jack Knife Rep 36
English Instructions: < blank >
Codes:

<b>WTSAM37</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 37	

English Text: Morning Mec Weight Jack Knife Rep 37
English Instructions: < blank >
Codes:

<b>WTSAM38</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 38	

English Text: Morning Mec Weight Jack Knife Rep 38
English Instructions: < blank >
Codes:

	<b>Version Info</b>	<b>Target</b>
--	---------------------	---------------

<b>WTSAM39</b>	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 39	
English Text: Morning Mec Weight Jack Knife Rep 39		
English Instructions: < blank >		
Codes:		

<b>WTSAM40</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 40	
English Text: Morning Mec Weight Jack Knife Rep 40		
English Instructions: < blank >		
Codes:		

<b>WTSAM41</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 41	
English Text: Morning Mec Weight Jack Knife Rep 41		
English Instructions: < blank >		
Codes:		

<b>WTSAM42</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 42	
English Text: Morning Mec Weight Jack Knife Rep 42		
English Instructions: < blank >		
Codes:		

<b>WTSAM43</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 43	
English Text: Morning Mec Weight Jack Knife Rep 43		

English Instructions: < blank >  
Codes:

WTSAM44	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 44	
English Text: Morning Mec Weight Jack Knife Rep 44		
English Instructions: < blank >		
Codes:		

WTSAM45	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 45	
English Text: Morning Mec Weight Jack Knife Rep 45		
English Instructions: < blank >		
Codes:		

WTSAM46	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 46	
English Text: Morning Mec Weight Jack Knife Rep 46		
English Instructions: < blank >		
Codes:		

WTSAM47	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Morning Mec Weight Jack Knife Rep 47	
English Text: Morning Mec Weight Jack Knife Rep 47		
English Instructions: < blank >		
Codes:		

WTSAM48	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)

<b>Hard Edits</b>	<b>SAS Label</b>
	Morning Mec Weight Jack Knife Rep 48
English Text: Morning Mec Weight Jack Knife Rep 48	
English Instructions: < blank >	
Codes:	

<b>WTSAM49</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 49	
English Text: Morning Mec Weight Jack Knife Rep 49		
English Instructions: < blank >		
Codes:		

<b>WTSAM50</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 50	
English Text: Morning Mec Weight Jack Knife Rep 50		
English Instructions: < blank >		
Codes:		

<b>WTSAM51</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 51	
English Text: Morning Mec Weight Jack Knife Rep 51		
English Instructions: < blank >		
Codes:		

<b>WTSAM52</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
	Morning Mec Weight Jack Knife Rep 52	
English Text: Morning Mec Weight Jack Knife Rep52		
English Instructions: < blank >		

Codes:

LBXGLU	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
0 - 999.9	Glucose, plasma (mg/dL)	
English Text: Glucose, plasma (mg/dL)		
English Instructions: < blank >		
Codes:		

LBXGLUSI	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
0.0000 - 99.9990	Plasma glucose: SI (mmol/L)	
English Text: Plasma glucose: SI (mmol/L)		
English Instructions: < blank >		
Codes:		

LBXCPSI	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
0 - 99.999	C-peptide: SI (nmol/L)	
English Text: C-peptide SI (nmol/L)		
English Instructions: < blank >		
Codes:		

LBXIN	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
0 - 9999.99	Insulin (uU/mL)	
English Text: Insulin (uU/mL)		
English Instructions: < blank >		
Codes:		

LBXINSI	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
0 - 99999.99	Insulin: SI (pmol/L)	
English Text: Insulin: SI (pmol/L)		
English Instructions: < blank >		
Codes:		