

NHANES 99+
Codebook for Data Collection (1999-2000)
June 2002

Body Measures Examination (BMX)
Person level data -- use Examination Weights for analysis

SEQN	Version Info	Target
	Version 1.0	B(0 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Respondent sequence number	
English Text: Respondent sequence number.		
English Instructions: < blank >		
Codes:		

BMAEXLEN	Version Info	Target
	Version 1.0	B(0 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
00000000 - 99999999	length of a MEC exam (sec)	
English Text: length of a MEC exam (sec)		
English Instructions: < blank >		
Codes:		

BMAEXSTS	Version Info	Target
	Version 1.0	B(0 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Status of a MEC exam	
English Text: Status of a MEC exam		
English Instructions: < blank >		
Codes:		
1 =	Complete	
2 =	Partial	

3 = Not done

BMAEXCMT	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
	Comment code for an exam	
English Text: Comment code for an exam		
English Instructions: < blank >		
Codes:		
0 =	None	
1 =	Safety exclusion	
2 =	SP refusal	
3 =	No time	
4 =	Physical limitation	
5 =	Communication problem	
6 =	Equipment failure	
7 =	SP ill/emergency	
8 =	Awaiting pregnancy results	
9 =	Body cast	
10 =	Did not meet return requirement	
11 =	Data effect	
12 =	Eye specific limitation	
13 =	Inability to lie still	
14 =	Interrupted	
15 =	Invalid pregnancy test	
16 =	Missing meal or food	
17 =	Missing time periods	
18 =	Needs DR	
19 =	Needs edit	
20 =	Not enough hair	
22 =	Pain or discomfort	
23 =	Poor cuff fit	
24 =	Priority 1 stopping criteria	
25 =	Priority 2 stopping criteria	

26 =	Protocol change	
27 =	Proxy no information	
28 =	Race/ethnicity	
29 =	SP did not meet fast	
30 =	SP failed test(s)	
31 =	SP in supine position	
32 =	SP moved during procedure	
33 =	SP not pregnant	
34 =	SP pregnant	
35 =	Stage 1 & stage 2 hr manually entered	
36 =	Stage 1 hr manually entered	
37 =	Stage 2 hr manually entered	
38 =	Technical difficulty	
39 =	Unable to calculate protocol	
40 =	Unable to follow protocol	
41 =	Width exceeds scan table	
42 =	Alternative protocol used	
43 =	Weight limitation on equipment	
45 =	Clotted	
46 =	Result based on single run	
48 =	No test kit available	
49 =	Urine not collected	
50 =	Control results invalid	
51 =	SP unable to comply	
52 =	Quantity not sufficient	
53 =	Laboratory error	
54 =	Collected in field office	
55 =	Exceeds height limitation	
56 =	Came late/left early	
57 =	Needs phone follow-up	
58 =	Unable to obtain all bps	
59 =	Unable to compress ankle artery	
60 =	Problem obtaining bp	
61 =	Problem obtaining hr	
62 =	Problem with data capture	

63 =	Problem with electrodes	
64 =	Problem with bp cuff	
65 =	Problem with treadmill controller	
66 =	Data acquisition problems	
67 =	Needs blood draw	
68 =	Needs questionnaire	
69 =	Collected in home	
72 =	Error (technician/software/supply)	
80 =	SP Can't Read	
99 =	Other, specify	

BMXWT	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
0.0000 - 440.0000	Weight (kg)	
English Text: Weight (kg)		
English Instructions: < blank >		
Codes:		

BMIWT	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
	Weight Comment	
English Text: Weight Comment		
English Instructions: < blank >		
Codes:		
1 =	Could not obtain	
2 =	Exceeds capacity	
3 =	Clothing	
4 =	Medical appliance	

BMXRECUM	Version Info	Target
		Version 1.0

Hard Edits	SAS Label
16.0000 - 119.3000	Recumbent Length (cm)
English Text: Recumbent Length (cm)	
English Instructions: < blank >	
Codes:	

BMIRECUM	Version Info	Target
	Version 1.0	B(0 Mos. - 47 Mos.)
Hard Edits	SAS Label	
	Recumbent Length Comment	
English Text: Recumbent Length Comment		
English Instructions: < blank >		
Codes:		
1 =	Could not obtain	
2 =	Exceeds capacity	
3 =	Not straight	

BMXHEAD	Version Info	Target
	Version 1.0	B(0 Mos. - 6 Mos.)
Hard Edits	SAS Label	
00.0000 - 99.9999	Head Circumference (cm)	
English Text: Head Circumference (cm)		
English Instructions: < blank >		
Codes:		

BMIHEAD	Version Info	Target
	Version 1.0	B(0 Mos. - 6 Mos.)
Hard Edits	SAS Label	
	Head Circumference Comment	
English Text: Head Circumference Comment		
English Instructions: < blank >		

Codes:

1 =	Could not obtain	
2 =	Exceeds capacity	
3 =	Not straight	

BMXHT	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
79.0000 - 208.4000	Standing Height (cm)	
English Text: Standing Height (cm)		
English Instructions: < blank >		
Codes:		

BMIHT	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
	Standing Height Comment	
English Text: Standing Height Comment		
English Instructions: < blank >		
Codes:		
1 =	Could not obtain	
2 =	Exceeds capacity	
3 =	Not straight	

BMXBMI	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
	Body Mass Index (kg/m**2)	
English Text: Body Mass Index (kg/m**2)		
English Instructions: < blank >		
Codes:		

BMXLEG	Version Info	Target
	Version 1.0	B(8 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Upper Leg Length (cm)	
English Text: Upper Leg Length (cm)		
English Instructions: < blank >		
Codes:		

BMILEG	Version Info	Target
	Version 1.0	B(8 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Upper Leg Length Comment	
English Text: Upper Leg Length Comment		
English Instructions: < blank >		
Codes:		
	1 = Could not obtain	

BMXCALF	Version Info	Target
	Version 1.0	B(8 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Maximal Calf Circumference (cm)	
English Text: Maximal Calf Circumference (cm)		
English Instructions: < blank >		
Codes:		

BMICALF	Version Info	Target
	Version 1.0	B(8 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Maximal Calf Comment	
English Text: Maximal Calf Comment		
English Instructions: < blank >		

Codes:

1 =	Could not obtain	
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BMXARML	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
	Upper Arm Length (cm)	
English Text: Upper Arm Length (cm)		
English Instructions: < blank >		
Codes:		

BMIARML	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
	Upper Arm Length Comment	
English Text: Upper Arm Length Comment		
English Instructions: < blank >		
Codes:		
1 =	Could not obtain	

BMXARMC	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
	Arm Circumference (cm)	
English Text: Arm Circumference (cm)		
English Instructions: < blank >		
Codes:		

BMIARMC	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	

Arm Circumference Comment	
English Text: Arm Circumference Comment	
English Instructions: < blank >	
Codes:	
1 =	Could not obtain

BMXWAIST	Version Info	Target
	Version 1.0	B(2 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Waist Circumference (cm)	
English Text: Waist Circumference (cm)		
English Instructions: < blank >		
Codes:		

BMIWAIST	Version Info	Target
	Version 1.0	B(2 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Waist Circumference Comment	
English Text: Waist Circumference Comment		
English Instructions: < blank >		
Codes:		
1 =	Could not obtain	

BMXTHICR	Version Info	Target
	Version 1.0	B(8 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Thigh Circumference (cm)	
English Text: Thigh Circumference (cm)		
English Instructions: < blank >		
Codes:		

BMITHICR	Version Info	Target
	Version 1.0	B(8 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Thigh Circumference Comment	
English Text: Thigh Circumference Comment		
English Instructions: < blank >		
Codes:		
1 =	Could not obtain	

BMXTRI	Version Info	Target
	Version 1.0	B(2 Mos. - 150 Yrs.)
Hard Edits	SAS Label	
0.0000 - 45.0000	Triceps Skinfold (mm)	
English Text: Triceps Skinfold (mm)		
English Instructions: < blank >		
Codes:		

BMITRI	Version Info	Target
	Version 1.0	B(2 Mos. - 150 Yrs.)
Hard Edits	SAS Label	
	Triceps Skinfold Comment	
English Text: Triceps Skinfold Comment		
English Instructions: < blank >		
Codes:		
1 =	Could not obtain	
2 =	Exceeds capacity	
3 =	Hard to obtain	

BMXSUB	Version Info	Target
	Version 1.0	B(2 Mos. - 150 Yrs.)
Hard Edits	SAS Label	
0.0000 - 45.0000	Subscapular Skinfold (mm)	

English Text: Subscapular Skinfold (mm)

English Instructions: < blank >

Codes:

BMISUB	Version Info	Target
	Version 1.0	B(2 Mos. - 150 Yrs.)
Hard Edits	SAS Label	
	Subscapular Skinfold Comment	

English Text: Subscapular Skinfold Comment

English Instructions: < blank >

Codes:

1 =	Could not obtain	
2 =	Exceeds capacity	
3 =	Hard to obtain	

BMAAMP	Version Info	Target
	Version 1.0	B(0 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Amputations?	

English Text: Amputations?

English Instructions: < blank >

Codes:

1 =	Yes	
2 =	No	

BMAUREXT	Version Info	Target
	Version 1.0	B(0 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Amputations: Upper Right Extremity?	

English Text: Amputations: Upper Right Extremity?

English Instructions: < blank >

Codes:

1 =	Yes	
2 =	No	
9 =	Don't know	

BMAUPREL	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
	Amputations: UR Above or Below Elbow?	
English Text: Amputations: UR Above or Below Elbow?		
English Instructions: < blank >		
Codes:		
1 =	Above elbow	
2 =	Below elbow	

BMAULEXT	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
	Amputations: Upper Left Extremity?	
English Text: Amputations: Upper Left Extremity?		
English Instructions: < blank >		
Codes:		
1 =	Yes	
2 =	No	
9 =	Don't know	

BMAUPLEL	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
	Amputations: UL Above or Below Elbow?	
English Text: Amputations: UL Above or Below Elbow?		
English Instructions: < blank >		
Codes:		
1 =	Above elbow	

2 = Below elbow

BMALOREX	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
	Amputations: Lower Right Extremity?	
English Text: Amputations: Lower Right Extremity?		
English Instructions: < blank >		
Codes:		
1 =	Yes	
2 =	No	
9 =	Don't know	

BMALORKN	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
	Amputations: LR Above or Below Knee?	
English Text: Amputations: LR Above or Below Knee?		
English Instructions: < blank >		
Codes:		
1 =	Above knee	
2 =	Below knee	

BMALLEXT	Version Info	Target
		Version 1.0
Hard Edits	SAS Label	
	Amputations: Lower Left Extremity?	
English Text: Amputations: Lower Left Extremity?		
English Instructions: < blank >		
Codes:		
1 =	Yes	
2 =	No	
9 =	Don't know	

BMALLKNE	Version Info	Target
	Version 1.0	B(0 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Amputations: LL Above or Below Knee?	
English Text: Amputations: LL Above or Below Knee?		
English Instructions: < blank >		
Codes:		
1 =	Above knee	
2 =	Below knee	