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

Muscle Strength Examination (MSX)
Person level data -- use Examination Weights for analysis

SEQN	Version Info	Target
	Version 1.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	Sample person identifier	

English Text: Sample person identifier.

English Instructions: < blank >

Codes:

MSAEXLEN	Version Info	Target
	Version 1.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	length of a MEC exam (sec)	

English Text: length of a MEC exam (sec)

English Instructions: < blank >

Codes:

MSAEXSTS	Version Info	Target
	Version 1.0	B(50 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

MSAEXCMT	Version Info	Target
	Version 3.1	B(50 Yrs. - 150 Yrs.)
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

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

MSDEXCLU	Version Info	Target
	Version 2.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	Exclusion criteria for muscle strength	

English Text: Exclusion criteria for muscle strength exam

English Instructions: < blank >

Codes:
    1 = Chest or abdomen surgery in the past three weeks
    2 = Myocardial infarction (or "heart attack") in the past six weeks
    3 = Told by doctor had an aneurysm in the brain or had a stroke
    4 = Have severe neck or back pain today
    5 = Difficulty in bending or straightening right knee
    6 = Had right knee or right hip replacement

MSXWTIME	Version Info	Target
	Version 1.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	Time to complete 20 ft walk (seconds)	

English Text: Time to complete 20 ft walk (seconds)

English Instructions: < blank >

Codes:

MSXWPAIN	Version Info	Target
	Version 1.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	Pain reported on walking:	

English Text: Pain reported on walking:

English Instructions: < blank >

Codes:
    1 = Yes
    2 = No

MSAWDEV	Version Info	Target
	Version 1.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	Type of device used:	

English Text: Type of device used:

English Instructions: < blank >

Codes:
     1 = None
     2 = Cane
     3 = Walker
     4 = Other

MSDPTIME	Version Info	Target
	Version 2.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	Time to peak force in seconds	

English Text: Time to peak force in seconds

English Instructions: < blank >

MSDPFANG	Version Info	Target
	Version 2.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	Angle of peak force (degrees)	

English Text: Angle of peak force (degrees)

English Instructions: < blank >

Codes:

MSXARML	Version Info	Target
	Version 2.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	Arm length cm	

English Text: Arm length cm

English Instructions: < blank >

Codes:

MSXGRAV	Version Info	Target
	Version 2.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	Gravity Correction in Lb	

English Text: Gravity Correction in Lb

English Instructions: < blank >

Codes:

MSDPFVEL	Version Info	Target
	Version 1.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	Peak force velocity degree/seconds	

English Text: Peak force velocity degree/seconds

English Instructions: < blank >

Codes:

MSDPF	Version Info	Target
	Version 1.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	Peak force (Newtons)	

English Text: Peak force (Newtons)

English Instructions: < blank >

Codes:

MSDNTR	Version Info	Target
	Version 1.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	Number of trials	

English Text: Number of trials

English Instructions: < blank >

Codes:

MSDAPF	Version Info	Target
	Version 1.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	Average peak force (Newtons)	

English Text: Average peak force (Newtons)

English Instructions: < blank >

Codes:

MSDPFTR	Version Info	Target
	Version 1.0	B(50 Yrs. - 150 Yrs.)
Hard Edits	**SAS Label**	
	The selected peak force trial	

English Text: The selected peak force trial

English Instructions: < blank >

Codes: