

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

**MEC Examination
Muscle Strength (MSX_B)**

Person level data -- use Examination Weights for analysis

May 2004

SEQN	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Respondent sequence number
English Text: Respondent sequence number	
English Instructions:	

MSAEXLEN	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Timed walk & muscle strength time (sec)
English Text: Timed walk & muscle strength time (sec)	
English Instructions:	

MSAEXSTS	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Timed walk and muscle strength status
English Text: Timed walk and muscle strength status	
English Instructions:	
Codes:	Skip To Values:
1= Complete	
2= Partial	
3= Not done	

MSAEXCMT	Target
	B(50 Yrs. to 150 Yrs.)

Hard Edits	SAS Label
	Timed walk and muscle strength comments
English Text: Timed walk and muscle strength comments	
English Instructions:	
Codes: 1= Safety exclusion 2= SP refusal 3= No time 4= Physical limitation 5= Communication problem 6= Equipment failure 7= SP ill/emergency 40= Unable to follow protocol 56= Came late/left early 72= Error (technician/software/supply) 99= Other, specify	Skip To Values:

MSDEXCLU	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Exclusion criteria for muscle strength
English Text: Exclusion criteria for muscle strength	
English Instructions:	
Codes: 1= Chest/abdomen surgery past three weeks 2= Myocardial infarction (or"heart attack") in the past six weeks 3= Told by dr had aneurysm in the brain or had a stroke 4= Have severe neck or back pain today 5= Difficult in bending or straightening right knee 6= Had right knee or right hip replacement	Skip To Values:

MSDCWUA	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Can SP walk unassisted?

English Text: Can SP walk unassisted?

English Instructions:

Codes:

1= Yes

2= No

Skip To Values:

MSXW20TM	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Time to complete 20 ft walk:
English Text: Time to complete 20 ft walk (in seconds):	
English Instructions:	

MSXW08TM	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Time to complete 8 ft walk:
English Text: Time to complete 8 ft walk (in seconds):	
English Instructions:	

MSXWPAIN	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Pain reported on walking:
English Text: Pain reported on walking:	
English Instructions:	
Codes:	Skip To Values:
1= Yes	
2= No	

MSAWDEV	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Type of device used:
English Text: Type of device used:	

English Instructions:**Codes:**

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

Skip To Values:

MSDPTIME	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Time to peak force in seconds
English Text: Time to peak force in seconds	
English Instructions:	

MSDPFANG	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Angle of peak force (degrees)
English Text: Angle of peak force (degrees)	
English Instructions:	

MSXARML	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Arm length cm
English Text: Arm length cm	
English Instructions:	

MSXGRAV	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Gravity Correction in Lb
English Text: Gravity Correction in Lb	
English Instructions:	

MSDPFVEL	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Peak force velocity degree/seconds
English Text: Peak force velocity degree/seconds	
English Instructions:	

MSDPF	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Peak force (Newtons)
English Text: Peak force (Newtons)	
English Instructions:	

MSDNTR	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Number of trials
English Text: Number of trials	
English Instructions:	

MSDAPF	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Average peak force (Newtons)
English Text: Average peak force (Newtons)	
English Instructions:	

MSDPFTR	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	The selected peak force trial
English Text: The selected peak force trial	
English Instructions:	

