SDC 1 Table: Items from the AAPQ and their corresponding items from NHANES 2001-2004.

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| **AAPQ ITEM** |  |  |  |  |
| **HISTORY** (you have had:) | **NHANES SECTION** | **NHANES VARIABLE** | **NHANES TEXT** | **CLASSIFICATION CRITERIA** |
| Heart attack | MCQ | MCQ160E | Has a doctor or other health professional ever told you that you had a heart attack (aka MI)? | Those reporting ‘yes’ were classified as having a history of heart attack |
| Heart surgery | MCQ | MCQ160C | Has a doctor or other health professional ever told you that you had coronary heart disease? | Those reporting ‘yes’ were classified as having a history of coronary heart disease |
| Cardiac catheterization |
| Coronary angioplasty (PTCA) |
| Pacemaker/ICD/Rhythm disturbance | n/a | n/a | Likely captured with meds (antiarrhythmics) |  |
| Heart valve disease | n/a | n/a | Likely captured with meds (anticoagulants) |  |
| Heart failure | MCQ | MCQ160B | Has a doctor or other health professional ever told you that you had congestive heart failure? | Those reporting ‘yes’ were classified as having a history of heart failure |
| Heart transplantation | n/a | n/a | Likely captured under CHD, CHF, medication use |  |
| Congenital heart disease | n/a | n/a | Likely captured with meds |  |
|  |  |  |  |  |
| **Symptoms** | **SECTION** | **VARIABLE** | **TEXT** | **CLASSIFICATION CRITERIA** |
| You experience chest discomfort with exertion | CDQ | CDQ0001 | Ever had pain or discomfort in chest? | Those reporting chest pain when walking uphill in a hurry or walking at an ordinary pace on level ground were classified as having chest discomfort with exertion |
| CDQ0002 | Do you get it (per 0001) when you walk uphill or in a hurry? |
| CDQ0003 | Do you get it (per0001) when you walk at an ordinary pace on level ground? |
| You experience unreasonable breathlessness | CDQ | CDQ010 | Have you had shortness of breath either when hurrying on the level or walking up a slight hill? | Those reporting ‘yes’ were classified as having unreasonable breathlessness |
| You experience dizziness, fainting, or blackouts | BAQ | BAQ010 | During the past 12 months, have you had dizziness, difficulty with balance, or difficulty with falling? | Those reporting ‘yes’ were classified as having dizziness, fainting, or blackouts |
| You take heart medications | RXQ\_RX | RXDDRGID | Multum first level class 40 (CVD) or 81 (Coagulation modifiers) | Those reporting these classes were classified as taking heart medications |
|  |  |  |  |  |
| **Other Health Issues** | **SECTION** | **VARIABLE** | **TEXT** | **CLASSIFICATION CRITERIA** |
| You have diabetes | DIQ | DIQ010 | (Other than during pregnancy) have you ever been told by a doctor or health professional that you have diabetes or sugar diabetes? | Those reporting ‘yes’ were classified as having diabetes |
| You have asthma or other lung disease | MCQ | MCQ010 | Has a doctor or other health professional ever told you that you had asthma? | Those reporting ‘yes’ to any of these were classified as having asthma or other lung disease |
| MCQ160G | Has a doctor or other health professional ever told you that you had emphysema? |
| MCQ160K | Has a doctor or other health professional ever told you that you had chronic bronchitis |
| You have burning or cramping in lower legs when walking short distances | DIQ | DIQ140 | Do you ever get pain in either leg while walking? (>40y old) | Those reporting ‘yes’ were classified as having burning or cramping in legs with walking |
| You have musculoskeletal problems that limit your physical activity | MCQ | MCQ160A | Has a doctor or other health professional ever told you that you had arthritis? | Those reporting ‘yes’ to either question were classified as having musculoskeletal problems |
| OSQ | OSQ060 | Has a doctor ever told you that you had osteoporosis, sometimes called thin or brittle bones |
| You have concerns about the safety of exercise | n/a | n/a | Not assessed in NHANES |  |
| You take prescription medications | RXQ | RXD030 or RXDUSE | In the past month, have you used or taken medication for which a prescription is needed? | Those reporting ‘yes’ were classified as taking prescription medications |
| You are pregnant | RHQ | RHQ140 | Do you think that you are pregnant now? | Those reporting ‘yes’ to any of these were classified as pregnant (later discarded) |
| RHQ141 | Do you think that you are pregnant now? |
| RHD143 | Are you pregnant now? |
|  |  |  |  |  |
| **Cardiovascular risk factors** | **SECTION** | **VARIABLE** | **TEXT** | **CLASSIFICATION CRITERIA** |
| You are a man older than 45 years | DEMO | RIDAGEYR | Age in years | Combined age/gender criteria |
| RIAGENDR | Gender |
| You are a woman older than 55 years, have had a hysterectomy, or are postmenopausal | DEMO | RIDAGEYR | Age in years | Any women aged greater than 55 years who answered ‘yes’ to the hysterectomy question or indicated menopause or hysterectomy in the subsequent questions was classified as having had a hysterectomy or being postmenopausal |
| RIAGENDR | Gender |
| RHQ | RHD280 | Have you had a hysterectomy including a partial hysterectomy, that is, surgery to remove your uterus or womb? (F20-150y) |
| RHQ040 | What is the reason you have not had regular periods in the past 12 months? (ans 5, going-gone through menopause) |
| RHD042 | What is the reason you have not had a period in the past 12 months? (ans 7: menopause/hysterectomy) |
| You smoke, or quit smoking within the previous 6 months | SMQ | SMQ020 | Have you smoked at least 100 cigarettes in your entire life? | Those reporting currently smoking cigarettes, pipes, or cigars were classified as current smokers.Those reporting quitting smoking cigarettes within the past 6 months were classified as recent quitters.These two classifications were combined in the checklist |
| SMQ040 | Do you now smoke cigarettes? |
| SMQ050Q | How long has it been since you stopped smoking cigarettes? (+SMQ050U for unit) |
| SMQ120 | Have you smoked a pipe at least 20 times in your entire life? |
| SMQ140 | Do you now smoke a pipe? |
| SMQ150 | Have you smoked a cigar at least 20 times in your entire life? |
| SMQ170 | Do you now smoke cigars? |
| Your blood pressure is > 140/90 mm Hg | BPQ | BPQ020 | Have you ever been told by a doctor or other health professional that you had hypertension, also called high blood pressure? | Those reporting ‘yes’ were classified as having BP>140/90 |
| You do not know your blood pressure | BPQ | BPQ010 | About how long has it been since you last had your blood pressure taken by a doctor or other health professional? | Those reporting ‘never’ were classified as not knowing their blood pressure |
| You take blood pressure medication | BPQ | BPQ040A | Because of your hypertension/HBP, have you ever been told to take prescribed medicine? | Those reporting current BP medication use were classified as currently taking BP medicationsRegardless of BPQ questions, those reporting these classes of drugs were classified as taking BP medications |
| BPQ | BPQ050A | Are you now taking BP medication? |
| RXQ\_RX | RXDDRGID | Multum first level class ID 40 (CVD) and second class 41-44, 47-49, 52-56 |
| Your blood cholesterol is > 200mg/dL | BPQ | BPQ080 | Have you ever been told by a doctor or other health professional that you blood cholesterol was high? | Those reporting ‘yes’ were classified as having high cholesterol |
| You do not know your cholesterol level | BPQ | BPQ060 | Ever had blood cholesterol checked? | Those reporting never having a blood cholesterol check, or not knowing when their last check was, were classified as not knowing their cholesterol level  |
| BPQ070 | About how long has it been since you last had your blood cholesterol checked? |
| You have a close blood relative that had a heart attack or heart surgery before age 55 (father or brother) or age 65 (mother or sister) | MCQ | MCQ250G | Including living and deceased, were any of your biological that is, blood relatives including grandparents, parents, brothers, sisters ever told by a health professional that they had a heart attack or angina before the age of 50? | Those reporting ‘yes’ were classified as meeting this criterion (note 50 years in NHANES is more conservative than 55 years) |
| You are physically inactive (i.e., you get <30minutes of physical activity on at least 3 days per week) | PAQ | PAD020 | Over the past 30 days, have you walked or bicycled as part of getting to and from work, or school, or to do errands? (plus time and frequency follow-ups) | Reported activity volume was calculated as: (monthly frequency/4.286)\*duration in minutes)\*(intensity in metabolic equivalents [METs])Those reporting <270 MET\*minutes/week were classified as currently inactive per the AAPQ instructions (30 minutes \* 3 times per week \* ≥3 METs) |
|  |  | PAQ100 | Over the past 30 days, did you do any tasks in or around your home or yard for at least 10 minutes that required moderate or greater physical effort? (plus time and frequency follow-ups) |
|  | PAQIAF | PADACTIVE | Over the past 30 days, what moderate/vigorous activities did you do? |
|  |  | PADLEVEL | Reported intensity level of activity |
|  |  | PADTIMES | How many times did you do this activity? |
|  |  | PADDURAT | On average, about how long did you do this activity each time? |
|  |  | PADMETS | Assigned MET score |
| You are >20 lbs overweight | WHQ | WHD010 | How tall are you without shoes? | Those reporting a weight at least 20 lbs greater than the weight that results in a BMI of 25 for their reported height were classified as being 20 lbs overweight |
| WHD020 | How much do you weigh without clothes or shoes? |