

PHS I Baseline

PHYSICIANS' HEALTH STUDY

COHORT CODE BOOK

Revised Feb 1990

The following information is very necessary to the final outcome of this study. Please read the instructions carefully before you begin coding. If you have any questions concerning any coding info, you may bring it to the attention of Jemma or Fred.

**THE VERY FIRST RULE IN CODING IS; READ COMMENTS ON QQ BEFORE CODING.**

All coding should be done in red. If the QQ was filled out in red then the coding should be done in black.

If there are 2 QQs (an original and a copy or a duplicate with missing information), staple the copy or the duplicate to the back of the original with the ID in back. Code the NEW information from the copy onto the original. If the info on the copy is different from the original info, do NOT change the original. For ex: On original QQ weight = 160 lbs and on the copy QQ weight was changed to 155, code should remain 160 lbs as on the original. If added info is given on the copy, the added info would then be coded on the original QQ.

The comments on the QQ may give additional personal history indicated under Q5, or Q6. The QQ should be fully coded and paper clipped so that the additional info will be coded by Miriam and/or Jemma with an ICD code on the back of QQ, and an appropriate code "3" or "4" where necessary.

If the comment(s) on the QQ modifies the original response incorporate the comment in coding the question. If original response is blank or no but comment clearly says yes code as a "3". If original response is yes or blank and comment(s) indicates no, code as "4". Pay close attention to Questions 5,6,7,8,9,10,11,12.

For the following questions there are some special situations which may require more detailed coding instructions.

**Q6.**

If question #6 is answered no and the comment(s) indicates otherwise change the response to Q6. to a "3". For example, if the physician said "I can't take aspirin because I have an Ulcer", but answered no to Q6, change the no to "3".

**Q7.**

If question #7 is answered no or yes and comment(s) indicate otherwise, change the response to Q7 to "3" (yes) and "4" (no). Q7 might also be answered on Q12. In this instance you may change the response as indicated and put a stroke over the aspirin in Q12. If the aspirin is the only drug written on Q12, the response to Q12 should be coded "4". If other drugs are written in, then the response will remain as 1 (yes). But drugs should fill sequential position, beginning with the first slot.

**Q8, Q9, Q10 and Q11.**

If any responses to Q8,9,10,11 are answered in Q12, the response to the previous question should be changed to reflect the answer given in Q12. Ex: If Q9 vitamin A is written as a drug, then the vitamin A under Q12 should be crossed out and the response to Q9 should be "currently" taking vitamin A. If dosage and frequency are given in Q12, please transfer to the appropriate question above.

**Q12.**

If you are coding the drug on Q12 and the drug codebook indicates that the drug is an aspirin or an aspirin-containing compound, do not code. Put a line through the drug and double check Q7 making sure that it was correctly answered. If Q7 indicates a no "2" the response should be changed to a yes "3". If aspirin is the only drug on Q12, you would change Q12 to a no "4".

<u>Q Number</u>	<u>Description</u>	<u>Field</u>	<u>Coding Instructions</u>
--	ID #	(7 cols)	All numerical. Should be printed in upper rt corner on back. If missing set aside in special folder for review by programmer.
--	Date received	(6 cols)	MMDDYY (If missing, 999999) 6 digit number stamped on upper rt hand corner on front of QQ. If there are 2 QQs, use original date. If one date is missing use the available date.
1.	Date of birth	(6 cols)	MMDDYY (Year 1899=99) (If missing, 999977) month = 2 digits day = 2 digits year = 2 digits Ex: mmddy = 041352
	JANUARY =01      JULY =07 FEBRUARY =02     AUGUST =08 MARCH =03        SEPTEMBER =09 APRIL =04        OCTOBER =10 MAY =05          NOVEMBER =11 JUNE =06         DECEMBER =12		
2.	Sex	(1 col )	M=1, F=2, Blank=9
3.	Height	(2 cols)	2 digit Convert to inches If given in centimeters convert to inches cm / 2.54. If fractions are given round, 0.1-0.49 round down, 0.5-0.9 round up. For example 56 1/3= 56, 56 1/2= 57 Blank=99
4.	Weight	(3 cols)	3 digit convert to lbs. (kilogram) kg x 2.20 150 1/2=151, 150 1/4=150. If range given, code average 170 - 180 = 175, blank=999.
*5.	Pers History: MI-DVT	(16 cols)	Yes=1, No=2, yes by coder=3 no by coder=4, Blank=9



1st & 2nd cancer sites (6 cols)

If a cancer site is entered but the Yes/No box is unchecked or checked No, enter a "3" for yes A "4" if comments indicate not cancer. If yes to cancer but n site is listed, enter 199. 1st 3 digits of ICD-9 code.

\* Coding rules for Q5 with or/and without comments.

- If an event is disconfirmed on the basis of an explanatory comment by the MD, the "yes" code should be changed to a "4" by Miriam and/or Jemma. Enter the appropriate ICD code for the event on back of QQ.
- If Q5 is answered no and a comment indicates otherwise,  
Ex: no to Angina Pectoris, and comment on QQ says that he takes NITROGLYCERIN for Angina. Angina will then be coded yes "3".

6. Adv effects to aspirin (1 col)

Yes=1, No=2, Comment yes=3,  
Blank=9

ICD-9 actual code should be written on back of QQ.

7. Current aspirin use (1 col)

Yes=1, No=2, Comment yes=3,  
Comment no=4.

Check Q12, follow rules as they apply. (see coding instructions.)

Some questionnaires may have an additional (if yes) question  
(DO NOT CODE OR KEY)

<u>Q Number</u>	<u>Description</u>	<u>Field</u>	<u>Coding Instructions</u>
8.	Ever taken multiple vit? Check Q12, follow rules as they apply. (see coding instructions.)	(1 col)	Never=1, Past=2, Current=3, Blank=9
	Brand	(4 cols)	4 digits from Codesheet for vitamins or 9999=blank
	Years	(2 cols)	2 digits (1=01) or Blank=99. Less than a full year =01. Non-specific responses such as a few or several or occasionally =98.
	#/week	(2 cols)	2 digits, every day =07 every other day =04. >97=97, Few=98 Blank=99.
			If a range is given (10-20), use the average, 15.
			If daily intake is given, convert to weekly intake by multiplying by 7.

If Past Only or Never is checked but information Brand and Frequency is filled in, code the question.

If Brand name is entered, refer to Multiple Vitamin codesheet for the 4-digit code number. If more than one brand is given, enter code for the 1st one on the list or, the 1st legible Multi Vitamin.

*9.	Vitamin A use	(1 col)	Never=1, Past=2, Current=3 Blank=9
	Years	(2 cols)	2 digits (1=01). Blank=99. Non-specific responses such as a few or several or occasionally =98.
	#/week	(2 cols)	2 digits (1=01, >97=97) few, several, Blank=99,
	Size (units)	(2 cols)	2 digits. Blank=99. (55,000=55, 1,000 = 01)

For Qs 9, 10, & 11, follow same coding instructions as in Q8.

\*Q9, if the size (units) is written in mgm, code for size will be written as "99".

Check Q12, follow rules as they apply. (see coding instruction.)

<u>Q Number</u>	<u>Description</u>	<u>Field</u>	<u>Coding Instructions</u>
10.	Vitamin C use	(1 col)	Never=1, Past=2, Current=3, Blank=9
	Years	(2 cols)	2 digits (1=01). Blank=99. Non-specific responses such as a few or several or occasionally =98.
	#/week	(2 cols)	2 digits (1=01, >97=97)
	Size (mgm)	(4 cols)	few, several=98, Blank=99. 4 digits (350=0350) Blank=9999.

Check Q12, follow rules as they apply. (see coding instruction.)

11.	Vitamin E use	(1 col)	Never=1, Past=2, Current=3, Blank=9
	Years	(2 cols)	2 digits (1=01). Blank=99. Non-specific responses such as a few or several or occasionally =98.
	#/week	(2 cols)	2 digits (1=01, >97=97), few, several=98, Blank=99.
	Size (units)	(4 cols)	4 digits (350=0350), Blank=9999.

\*Q11, if the size (units) is written in mgm, code for size will be written as "9999".

Check Q12, follow rules as they apply. (see coding instruction.)

12.	Other medications	(1 col)	Yes=1, No=2, Blank=9 coded yes=3, coded no=4
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When coding meds; if drug code book has drug listed as an aspirin or an aspirin-containing drug, for Ex: E07626 1 ACETABAR (DO NOT CODE.) ANY DRUG WITH AN Ennnnn FOLLOWED BY A 1 (DO NOT CODE).

If Q12 is answered yes and no drug is written in, the drug will be coded (999999). Any drug that's not codeable or readable should be given to Jemma and/or Miriam for clarification. An 888888 code will be used for any drug that's not codeable.

Drugs should be entered sequentially starting in position #1. If there are drugs to code, put a \* by the Q12 and list codes at top of front of questionnaire.

1st medication	(6 cols)	6 digits from Drug Codesheet
2nd medication	(6 cols)	"
3rd medication	(6 cols)	"
4th medication	(6 cols)	"



<u>Q Number</u>	<u>Description</u>	<u>Field</u>	<u>Coding Instructions</u>
13.	(a) Current blood pressure Systolic/Diastolic	(6 cols)	3 digits each (80=080) If blank or don't know is checked: 999/999 If Systolic or Diastolic value is present but not both, code 999 for the missing value.

Keyed as filled out by Physician even if clearly out of range or reversed.

	(b) Treatment for hypertension	(1 col)	Never=1, Past=2, Current=3 Blank=9
14.	(a) Current blood cholesterol	(3 cols)	3 digits, Blank = 999, Don't know = 999 WNL or normal =999

Follow rules for Q13, average if a range is given or else code what's written. Ex: 27 should be coded as 027

	(b) Treatment for high cholesterol	(1 col)	Never=1, Past=2, Current=3, Blank=9
15.	Ever smoked cigarettes	(1 col)	Never=1, Past=2, Current=3, Blank=9 If Ever Smoked is blank and # of cigs filled out. code=9
	If current, cig/day	(2 cols)	2 dig (>97=97), blank=99. 8 =08, 10-20 =15. Few/day =98
16.	Ever smoked cigars	(1 col)	Never=1, Past=2, Current=3, Blank=9
17.	Ever smoked a pipe	(1 col)	Never=1, Past=2, Current=3, Blank=9

<u>Q Number</u>	<u>Description</u>	<u>Field</u>	<u>Coding Instructions</u>
18.	* Exercise frequency	(1 col)	1 digit (1-6) Daily=1, 5-6 wk=2, 2-4 wk=3, 1 wk=4, 1-3 mo=5, rarely=6 Blank=9

\* If the double check are separated by an odd number of boxes, use the MIDDLE value.

If the double check are separated by an even number, use the value to the right of the middle.

If the double check are adjacent, use the value to the right EXCEPT if that turns out to be rarely/never, then use 1-3 mo instead of rarely/never.

19.	** Diet assessment	(1 col)	1 digit (1-7) 2+day=1, daily=2, 5-6 wk=3, 2-4 wk=4, 1 wk=5, 1-3 mo=6, rarely,never=7, Blank=9
	Brand of Cereal	(2 cols)	2 digits from Codesheet Blank=99.

- If a cereal brand name is entered, refer to the Cereal code list for the appropriate 2-digit code.
- If more than one cereal is listed, use the first specific cereal (non-generic).
- If a non-specific response (various, several, etc) is given, enter 99. If no cereal is given, enter 99.

**\*\*FOR DIET APPLY THE FOLLOWING CODING INSTRUCTIONS**

If 2 checks are made for one food item and an adjacent item is left blank, apply the following rules:

- (a) If the double check are separated by an odd number of boxes, use the MIDDLE value for BOTH the blank line as well as the line that is double-checked.
- (b) If the double check are adjacent, use the value to the right for both lines EXCEPT if that turns out to be rarely/never, then use 1-3 mo instead of rarely/never.
- (c) If the double check are separated by an even number, use the value to the right of the middle for both lines.

Keypunchers: From cover sheet: 2 = not eligible  
7 = not willing



# CONSENT

1 = YES (AND NO COMMENT)

2 = NO (AND NO COMMENT)

3 = BLANK (BUT COMMENTS MAKES IT YES)

3 = YES + NO ✓ (BUT COMMENTS MAKES IT YES)

3 = NO (BUT COMMENTS MAKES IT YES)

4 = YES (BUT COMMENTS MAKES IT NO)

4 = BLANK (BUT COMMENTS MAKES IT NO)

4 = YES + NO (BUT COMMENTS MAKES IT NO)

9 = BLANK (BUT NO COMMENT)

9 = YES + NO (BUT NO COMMENT)