

**Wave V Cardiovascular Measures**

Number of observations: 5,381

Q015. Do you smoke any tobacco products, like cigarettes?			<b>H5Q015</b>	char 8
4,168	0	no		
1,213	1	yes		

Use right arm unless instructed otherwise Q023. EXAMINER: Which arm is measured?			<b>H5ARM</b>	char 8
4,876	1	right		
499	2	left		
6	96	refused		

Q025a. EXAMINER: Enter arm circumference to nearest 0.5 cm or inch. [Note: All measurements in inches were converted to centimeters.]			<b>H5ARMCIR</b>	num 8
5,370		range 9.5000 to 66.0000		
6	9996	refused		
5	9999	invalid data		

FLAG indicating arm was measured in inches and was converted to centimeters.			<b>H5ARMINS</b>	char 8
5,299	0	no		
71	1	yes		
11	.	not applicable (no arm measurement)		

FLAG indicating arm fit the AH BP unit cuff			<b>H5CUFFIT</b>	char 8
358	0	no		
5,017	1	yes		
6	.	not applicable (no arm measurement)		

Q031 Systolic blood pressure measure #1 (MMHg)			<b>H5Q031</b>	num 8
5,160		range 73 to 229		
221	.	no measure		

Q032 Diastolic blood pressure measure #1 (MMHg)			<b>H5Q032</b>	num 8
5,160		range 31 to 161		
221	.	no measure		

Q033 Pulse rate measure #1 (/MIN)			<b>H5Q033</b>	num 8
5,160		range 40 to 135		
221	.	no measure		

Q036 Systolic blood pressure measure #2 (MMHg)		<b>H5Q036</b>	num 8
5,158		range 79 to 217	
223	.	no measure	

Q037 Diastolic blood pressure measure #2 (MMHg)		<b>H5Q037</b>	num 8
5,158		range 45 to 134	
223	.	no measure	

Q038 Pulse rate measure #2 (/MIN)		<b>H5Q038</b>	num 8
5,158		range 40 to 164	
223	.	no measure	

Q041 Systolic blood pressure measure #3 (MMHg)		<b>H5Q041</b>	num 8
5,151		range 78 to 213	
230	.	no measure	

Q042 Diastolic blood pressure measure #3 (MMHg)		<b>H5Q042</b>	num 8
5,151		range 44 to 132	
230	.	no measure	

Q043 Pulse rate measure #3 (/MIN)		<b>H5Q043</b>	num 8
5,151		range 40 to 139	
230	.	no measure	

Number of measures used to generate the final blood pressure and pulse variables		<b>H5BPFLG</b>	char 8
5,149	1	measures 2 & 3	
2	2	measure 3 only	
9	3	measure 2 only	
4	4	measure 1 only	
217	5	no measures	

Systolic blood pressure (MMHg) based on Q031, Q036, Q041		<b>H5SBP</b>	num 8
5,164		range 80.5000 to 215.0000	
8	9996	refused	
194	9997	legitimate skip	
15	9999	invalid measurements	

Diastolic blood pressure (MMHg) based on Q032, Q037, Q042		<b>H5DBP</b>	num 8
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5,164		range 45 to 133
8	9996	refused
194	9997	legitimate skip
15	9999	invalid measurements

Blood pressure classification according to the Guideline for the Prevention, Detection, Evaluation, and Management of High Blood Pressure in Adults from the American Heart Association/American College of Cardiology Task Force (AHA/ACC)		<b>H5BPCLS5</b>	char 8
2,036	1	normal: systolic BP is < 120 and diastolic BP is < 80	
614	2	elevated: systolic BP is 120-129 and diastolic BP is < 80	
1,521	3	hypertension stage 1: systolic BP is 130-139 or diastolic BP is 80-89	
978	4	hypertension stage 2: systolic BP is 140-180 or diastolic BP is 90-120	
15	5	hypertension crisis: systolic BP is > 180 or diastolic BP is > 120	
217	.	not applicable (no BP measure)	

Blood pressure classification according to guidelines from the Seventh Report of the Joint National Committee on Prevention Detection, Evaluation, and Treatment of High Blood Pressure (JNC7)		<b>H5BPCLS4</b>	char 8
2,036	1	normal: systolic BP is < 120 and diastolic BP is < 80	
2,135	2	pre-hypertension: systolic BP is 120-139 or diastolic BP is 80-89	
770	3	hypertension stage 1: systolic BP is 140-159 or diastolic BP is 90-99	
223	4	hypertension stage 2: systolic BP is >= 160 or diastolic BP is >= 100	
217	.	not applicable (no BP measure)	

Pulse rate (/MIN) based on Q033, Q038, Q043		<b>H5PR</b>	num 8
5,164		range 40 to 139	
8	9996	refused	
194	9997	legitimate skip	
15	9999	invalid measurements	

Pulse pressure (MMHg) - the difference between systolic and diastolic blood pressures		<b>H5PP</b>	num 8
5,164		range 16.0000 to 95.5000	
8	9996	refused	
194	9997	legitimate skip	
15	9999	invalid measurements	

Mean arterial pressure (MMHg) - which is conventionally approximated as the weighted sum of systolic and diastolic blood pressure measures		<b>H5MAP</b>	num 8
5,164		range 61.2000 to 157.7000	

8	9996	refused
194	9997	legitimate skip
15	9999	invalid measurements

Q045. Has a doctor, nurse or health care provider ever told you that you have ANY of the following? a. High blood pressure or hypertension (if female, when you were NOT pregnant)			<b>H5Q045A</b>	char 8
4,390	0	no		
987	1	yes		
1	94	exam stopped prior to question Q045		
1	95	not asked of everyone		
2	96	refused		

Q045. Has a doctor, nurse or health care provider ever told you that you have ANY of the following? b. High blood sugar or diabetes (if female, when you were NOT pregnant)			<b>H5Q045B</b>	char 8
5,015	0	no		
362	1	yes		
1	94	exam stopped prior to question Q045		
1	95	not asked of everyone		
2	96	refused		

Q045. Has a doctor, nurse or health care provider ever told you that you have ANY of the following? c. Heart attack or heart surgery for clogged coronary arteries (including bypass, angioplasty or stent)			<b>H5Q045C</b>	char 8
5,330	0	no		
47	1	yes		
1	94	exam stopped prior to question Q045		
1	95	not asked of everyone		
2	96	refused		

Q045. Has a doctor, nurse or health care provider ever told you that you have ANY of the following? d. Chronic kidney disease or failure			<b>H5Q045D</b>	char 8
5,309	0	no		
68	1	yes		
1	94	exam stopped prior to question Q045		
1	95	not asked of everyone		
2	96	refused		

Q045. Has a doctor, nurse or health care provider ever told you that you have ANY of the following? e. Stroke, mini-stroke, or surgery for clogged neck arteries (including endarterectomy, bypass, angioplasty or stent)			<b>H5Q045E</b>	char 8
5,328	0	no		
49	1	yes		
1	94	exam stopped prior to question Q045		
1	95	not asked of everyone		
2	96	refused		

Q045. Has a doctor, nurse or health care provider ever told you that you have ANY of the following? f. High cholesterol or triglycerides			<b>H5Q045F</b>	char 8
4,626	0	no		
751	1	yes		
1	94	exam stopped prior to question Q045		
1	95	not asked of everyone		
2	96	refused		

FLAG indicating respondent took an antihypertensive medication in the past 4 weeks			<b>H5AHT</b>	char 8
4,630	0	no		
637	1	yes		
23	94	exam stopped prior to medication questions		
2	96	refused		
1	98	medication could not be classified		
88	99	respondent reported taking prescription medication(s), but specific medication(s) not reported		

FLAG indicating respondent has EITHER a blood pressure measure classified as hypertension stage 1 or 2 based on JNC7 (H5BPCLS4=3 or 4) OR took an antihypertensive medication in the past 4 weeks (H5AHT=1) OR has ever been diagnosed with high blood pressure or hypertension (H5Q045A=1)			<b>H5HTENJC</b>	char 8
3,759	0	no evidence of hypertension		
1,621	1	evidence of hypertension		
1	.	missing on all components of joint classification		