

**L.A.FANS-2
ADULT HEALTH MEASURES MODULE**

INTRODUCTION	
<p>P1. Now that you've completed the interview portion of L.A.FANS, I would like your permission to collect some health measurements. This requires a separate consent form, so let me take a few moments to describe what is involved.</p> <p>If you agree, today I will check your blood pressure and measure your height, weight, and the circumference of your waist and hips. I can measure your waist and hips for you or, if you prefer, I can show you how to do it yourself. I will also give you a simple breathing test.</p> <p>{FILL FOR RESPONDENTS SELECTED FOR DBS "We will then schedule a trained health technician to come to your home at a time that is convenient for you. The technician will take a small sample of blood by pricking your finger."}</p> <p>In 4–6 weeks, you will get a letter giving you the results of the health measures and information on what they may mean.</p> <p>Let's review the Health Measures Informed Consent Form together. Please feel free to ask me any questions you have at any point.</p> <p>{FOR RESPONDENTS SELECTED FOR DBS FILL "INTERVIEWER: GIVE RESPONDENT {bold}FORM T{normal}.</p> <p>This sheet describes the Los Angeles Family and Neighborhood Survey Wave 2 (L.A.FANS-2) health measures and asks you to participate. Please carefully read the information below and ask any questions you have. Participation in the study is completely voluntary. Your participation is very important to the study because no one else in the community is exactly like you and we cannot use anyone else in your place.</p> <p>By signing the attached consent form you are agreeing to participate in the L.A.FANS-2 health measures. It will take about 30 to 45 minutes to collect the health measures. If you agree to participate, you can change your mind and stop at any time.</p> <p>INTERVIEWER: IF RESPONDENT AGREES TO ALL HEALTH MEASURES GIVE RESPONDENT {bold}FORM V{normal} TO SIGN. GIVE RESPONDENT ONE COPY OF THE FORM, AND KEEP ONE COPY FOR YOURSELF.</p>	

	<p>IF RESPONDENT ONLY AGREES TO SOME OF THE HEALTH MEASURES GIVE RESPONDENT FORM X TO SIGN. GIVE RESPONDENT ONE COPY OF THE FORM, AND KEEP ONE COPY FOR YOURSELF.”}</p> <p>{FOR RESPONDENTS NOT SELECTED FOR DBS FILL “INTERVIEWER: GIVE RESPONDENT FORM U}.}</p> <p>This sheet describes the Los Angeles Family and Neighborhood Survey Wave 2 (L.A.FANS-2) health measures and asks you to participate. Please carefully read the information below and ask any questions you have. Participation in the study is completely voluntary. Your participation is very important to the study because no one else in the community is exactly like you and we cannot use anyone else in your place.</p> <p>By signing the attached consent form you are agreeing to participate in the L.A.FANS-2 health measures. It will take about 30 to 45 minutes to collect the health measures. If you agree to participate, you can change your mind and stop at any time.</p> <p>INTERVIEWER: GIVE RESPONDENT FORM W TO SIGN. GIVE RESPONDENT ONE COPY OF THE FORM, AND KEEP ONE COPY FOR YOURSELF.</p> <p>IF RESPONDENT ONLY AGREES TO SOME OF THE HEALTH MEASURES GIVE RESPONDENT FORM Y TO SIGN. GIVE RESPONDENT ONE COPY OF THE FORM, AND KEEP ONE COPY FOR YOURSELF”}</p> <p>”}</p>	
P2.	<p>INTERVIEWER: REVIEW HEALTH MEASURES INFORMED CONSENT FORM WITH RESPONDENT</p> <p>DID RESPONDENT SIGN HEALTH MEASURES INFORMED CONSENT FORM AGREEING TO PARTICIPATE IN HEALTH MEASURES?</p> <p>MARK ONE: 1 YES, AGREED TO ALL HEALTH MEASURES (GO TO P3) 2 YES, AGREED TO SOME HEALTH MEASURES (GO TO P2A) 5 NO (GO TO P79)</p>	

P2A.	<p>INTERVIEWER: INDICATE HEALTH MEASURES RESPONDENT DECLINED ON OPT-OUT CONSENT FORM.</p> <p>MARK ALL THAT APPLY</p> <p>1 BLOOD PRESSURE (SKIP P3–P31)</p> <p>2 HEIGHT (SKIP P32–P38)</p> <p>3 WEIGHT (SKIP P39–P44)</p> <p>4 HIP AND WAIST MEASUREMENT (SKIP P45–P58)</p> <p>5 SPIROMETRY (SKIP P59–P78)</p> <p>6 DRIED BLOOD SPOT (SKIP P80–P87) {DISPLAY ONLY IF SELECTED FOR DBS}</p>	[Programmer: Please program so interviewer skips sections corresponding to health measures that respondent has indicated on consent form he/she does not want to provide, see below]
-------------	---	--

BLOOD PRESSURE MEASUREMENT		
P3.	<p>INTRODUCTION</p> <p>Now I will explain the procedure for measuring your blood pressure. It is important that you remain calm and relaxed and seated for the measurements, which will take about 10 minutes. We need to find a quiet location for the measurements without any disturbances or distractions.</p> <p>First, I will wrap the blood pressure cuff around your arm. Then I will start the automated blood pressure device. The cuff will inflate and you will feel a sensation of pressure on your arm. The cuff will then gradually deflate. I will inflate the cuff at least three times but no more than five times. I will pause about 30 seconds in between each reading. While I am measuring your blood pressure, it is best that we not have any conversation. If you have any questions or concerns, I will be happy to answer them for you before or after the measurements are taken.</p> <p>Before we start, you should use the bathroom if you need to. Also, you should remove any outer clothing and roll up your sleeves.</p>	
P4.	<p>INTERVIEWER: IS RESPONDENT SETTING APPROPRIATE (SUFFICIENTLY QUIET, CALM, AND RELAXED) FOR BLOOD PRESSURE MEASUREMENT?</p> <p>1 YES</p> <p>5 NO, SPECIFY: _____</p> <p>(GO TO P24C)</p>	

P5.	<p>INTERVIEWER: INSPECT FIRST THE RIGHT ARM, THEN THE LEFT ARM IF NEEDED, FOR CONDITIONS PREVENTING MEASUREMENT.</p> <p>DO NOT PLACE BP CUFFS ON ARMS WITH OPEN SORES, WOUNDS, GAUZE DRESSINGS OR RASHES</p> <p>DO NOT USE ARMS WITH CASTS OR SHUNTS</p> <p>DO NOT USE ARMS THAT ARE WITHERED, SWOLLEN OR PARALYZED</p> <p>DO NOT USE ARM ON THE SAME SIDE AS MASTECTOMY, UNLESS RESPONDENT HAS HER PHYSICIAN'S APPROVAL</p> <p>ARE PREVENTING CONDITIONS PRESENT IN BOTH ARMS?</p> <p>1 YES, SPECIFY: _____ (GO TO P24C) 5 NO</p>	
P6.	<p>Do you know of any medical reasons, such as recent surgery, injury, or other health conditions why the blood pressure measurements should not be done?</p> <p>MARK "YES" ONLY IF THE PROBLEM EXISTS IN BOTH ARMS.</p> <p>1 YES, SPECIFY: _____ (GO TO P24C) 5 NO</p>	
P7.	<p>INTERVIEWER: IF OBSERVED, RECORD; OTHERWISE ASK:</p> <p>Have you had any food, coffee, caffeinated drinks, or cigarettes within the past 30 minutes?</p> <p>MARK ALL THAT APPLY</p> <p>1 FOOD 2 COFFEE 3 CAFFEINATED DRINKS 4 CIGARETTES 5 NONE</p>	

P8.	<p>Are you currently taking any medication to lower your blood pressure?</p> <p>1 YES 5 NO</p>	
P9.	<p>INTERVIEWER: SET UP AUTOMATIC BLOOD PRESSURE MACHINE ON A CLEAN, FLAT SURFACE CLOSE TO AN ELECTRICAL OUTLET.</p> <p>RESPONDENT SHOULD BE SITTING QUIETLY AND RELAXED FOR FIVE MINUTES BEFORE THE FIRST MEASUREMENT IN A COMFORTABLE UPRIGHT POSITION WITH LEGS UNCROSSED AND BOTH FEET ON THE FLOOR.</p> <p>RESPONDENT SHOULD BE SEATED SO THAT THE UPPER PORTION OF THE SELECTED ARM IS SUPPORTED AND THE MIDPOINT OF THE ARM IS LEVEL WITH THE HEART.</p> <p>SELECT THE APPROPRIATE CUFF SIZE USING THE INDICATORS ON THE BLOOD PRESSURE CUFF.</p> <p>PLACE THE CUFF ON THE SELECTED ARM SO THE BOTTOM EDGE OF THE CUFF IS 2–3 CM ABOVE THE CREASE ON THE INSIDE OF THE ELBOW. THE “ARTERY” ARROW ON THE CUFF SHOULD POINT TO THE MIDLINE OF THE CREASE. DO NOT LET CLOTHING RESTRICT THE TOP EDGE OF THE CUFF.</p> <p>THE CUFF SHOULD BE SNUG BUT COMFORTABLE ENOUGH TO PLACE TWO FINGERS BETWEEN THE CUFF AND ARM.</p> <p>THE "INDEX" MARKING ON THE EDGE OF THE CUFF MUST FALL WITHIN THE "RANGE" MARKERS ON THE INSIDE OF THE CUFF.</p>	
P10.	<p>INTERVIEWER: INDICATE CUFF SIZE SELECTED:</p> <p>1 PEDIATRIC CUFF 2 SMALL ADULT CUFF 3 REGULAR ADULT CUFF 4 LARGE ADULT CUFF 5 EXTRA-LARGE ADULT CUFF</p>	
P11.	<p>WHICH ARM SELECTED?</p> <p>1 RIGHT (GO TO P13) 2 LEFT</p>	

P12.	<p>INTERVIEWER: REASON FOR SELECTING LEFT ARM?</p> <p>1 INJURY OR RASH 2 CAST, DRESSING, OR BANDAGE 3 PLACEMENT OF EQUIPMENT 4 OTHER, SPECIFY: _____</p>	
P13.	<p>INTERVIEWER: HAS RESPONDENT RESTED FOR AT LEAST FIVE MINUTES?</p> <p>1 YES 5 NO</p>	
P14.	<p>INTERVIEWER: PERFORM FIRST BLOOD PRESSURE READING AND INDICATE OUTCOME.</p> <p>1 READING OBTAINED 2 MISSED READING (EQUIPMENT FAILURE, INTERRUPTION, OTHER PROBLEM) (GO TO P16) 3 REFUSED (GO TO P24C)</p>	
P15.	<p>INTERVIEWER: ENTER FIRST BLOOD PRESSURE AND PULSE READING.</p> <p>SYSTOLIC _____ DIASTOLIC _____ PULSE _____</p>	
P15A.	<p>INTERVIEWER: RE-ENTER FIRST BLOOD PRESSURE AND PULSE READING.</p> <p>SYSTOLIC _____ DIASTOLIC _____ PULSE _____</p>	<p>[Programmer, check that: Entry for systolic in P15 matches that for systolic in P15A. Entry for diastolic in P15 matches that for diastolic in P15A. Entry for pulse in P15 matches that for pulse in P15A. If any entries do not match use a hard check to inform the interviewer what does not match and allow for correction.</p> <p>Once all entries match check that: Systolic is ≥ 60 and ≤ 250 Diastolic is ≥ 40 and ≤ 160 Pulse is ≥ 40 and ≤ 200</p>

		<p>Systolic BP > diastolic BP Cannot have diastolic measurement without systolic measurement If any readings fall outside the specified ranges or the other conditions occur, use a hard check to inform the interviewer of the problem and ask that they double-check their entry.</p> <p>Also check: Difference between systolic and diastolic BP is: 20 – 100 mmHg If systolic is > 180 or diastolic is > 110 use a soft check to have the interviewer review the answers.]</p>
P16.	<p>INTERVIEWER: WAIT AT LEAST 30 SECONDS SINCE LAST INFLATION OF CUFF.</p> <p>PERFORM SECOND BLOOD PRESSURE READING AND INDICATE OUTCOME.</p> <p>1 READING OBTAINED 2 MISSED READING (EQUIPMENT FAILURE, INTERRUPTION, OTHER PROBLEM) (GO TO P18) 3 REFUSED (GO TO P24B)</p>	
P17.	<p>ENTER SECOND BLOOD PRESSURE AND PULSE READING</p> <p>SYSTOLIC ____ ____ ____ DIASTOLIC ____ ____ ____ PULSE ____ ____ ____</p>	

P17A.	RE-ENTER SECOND BLOOD PRESSURE AND PULSE READING. SYSTOLIC _____ DIASTOLIC _____ PULSE _____	<p>[Programmer, check that: Entry for systolic in P17 matches that for systolic in P17A. Entry for diastolic in P17 matches that for diastolic in P17A. Entry for pulse in P17 matches that for pulse in P17A. If any entries do not match use a hard check to inform the interviewer what does not match and allow for correction.</p> <p>Once all entries match check that: Systolic is ≥ 60 and ≤ 250 Diastolic is ≥ 40 and ≤ 160 Pulse is ≥ 40 and ≤ 200 Systolic BP > diastolic BP Cannot have diastolic measurement without systolic measurement If any readings fall outside the specified ranges or the other conditions occur, use a hard check to inform the interviewer of the problem and ask that they double-check their entry.</p> <p>Also check: Difference between systolic and diastolic BP is: 20 – 100 mmHg If systolic is > 180 or diastolic is > 110 use a soft check to have the interviewer review the answers.]</p>
P18.	INTERVIEWER: WAIT AT LEAST 30 SECONDS SINCE LAST INFLATION OF CUFF. PERFORM THIRD BLOOD PRESSURE READING AND INDICATE OUTCOME. 1 READING OBTAINED 2 MISSED READING (EQUIPMENT FAILURE, INTERRUPTION, OTHER PROBLEM) (GO TO P20) 3 REFUSED (GO TO P24B)	
19.	ENTER THIRD BLOOD PRESSURE AND PULSE READING. SYSTOLIC _____ DIASTOLIC _____ PULSE _____	

P19A.	RE-ENTER THIRD BLOOD PRESSURE AND PULSE READING. SYSTOLIC _____ DIASTOLIC _____ PULSE _____	[Programmer, check that: Entry for systolic in P19 matches that for systolic in P19A. Entry for diastolic in P19 matches that for diastolic in P19A. Entry for pulse in P19 matches that for pulse in P19A. If any entries do not match use a hard check to inform the interviewer what does not match and allow for correction. Once all entries match check that: Systolic is ≥ 60 and ≤ 250 Diastolic is ≥ 40 and ≤ 160 Pulse is ≥ 40 and ≤ 200 Systolic BP > diastolic BP Cannot have diastolic measurement without systolic measurement If any readings fall outside the specified ranges or the other conditions occur, use a hard check to inform the interviewer of the problem and ask that they double-check their entry. Also check: Difference between systolic and diastolic BP is: 20 – 100 mmHg If systolic is > 180 or diastolic is > 110 use a soft check to have the interviewer review the answers.]
P19B.	CAPI: HAVE THREE BLOOD PRESSURE READINGS BEEN SUCCESSFULLY OBTAINED? 1 YES (GO TO P24B) 5 NO	[Programmer: Look at previous responses to P14, P16, and P18 and complete appropriate answer.]
P20.	INTERVIEWER: WAIT AT LEAST 30 SECONDS SINCE LAST INFLATION OF CUFF. PERFORM FOURTH BLOOD PRESSURE READING AND INDICATE OUTCOME. 1 READING OBTAINED 2 MISSED READING (EQUIPMENT FAILURE, INTERRUPTION, OTHER PROBLEM) (GO TO P22) 3 REFUSED (GO TO P24B)	
	ENTER FOURTH BLOOD PRESSURE AND PULSE READING. SYSTOLIC _____ DIASTOLIC _____ PULSE _____	

	<p>RE-ENTER FOURTH BLOOD PRESSURE AND PULSE READING.</p> <p>SYSTOLIC _____</p> <p>DIASTOLIC _____</p> <p>PULSE _____</p>	<p>[Programmer, check that: Entry for systolic in P21 matches that for systolic in P21A. Entry for diastolic in P21 matches that for diastolic in P21A. Entry for pulse in P21 matches that for pulse in P21A. If any entries do not match use a hard check to inform the interviewer what does not match and allow for correction.</p> <p>Once all entries match check that: Systolic is ≥ 60 and ≤ 250 Diastolic is ≥ 40 and ≤ 160 Pulse is ≥ 40 and ≤ 200 Systolic BP > diastolic BP Cannot have diastolic measurement without systolic measurement If any readings fall outside the specified ranges or the other conditions occur, use a hard check to inform the interviewer of the problem and ask that they double-check their entry.</p> <p>Also check: Difference between systolic and diastolic BP is: 20 – 100 mmHg If systolic is > 180 or diastolic is > 110 use a soft check to have the interviewer review the answers.]</p>
P22.	<p>CAPI: HAVE THREE BLOOD PRESSURE READINGS BEEN SUCCESSFULLY OBTAINED?</p> <p>1 YES (GO TO P24B) 5 NO</p>	<p>[Programmer: Look at previous responses to P14, P16, P18, and P20 and complete appropriate answer.]</p>
P23.	<p>INTERVIEWER: WAIT AT LEAST 30 SECONDS SINCE LAST INFLATION OF CUFF.</p> <p>PERFORM FIFTH BLOOD PRESSURE READING AND INDICATE OUTCOME.</p> <p>1 READING OBTAINED 2 MISSED READING (EQUIPMENT FAILURE, INTERRUPTION, OTHER PROBLEM) (GO TO P24B) 3 REFUSED (GO TO P24B)</p>	

	<p>ENTER FIFTH BLOOD PRESSURE AND PULSE READING.</p> <p>SYSTOLIC _____</p> <p>DIASTOLIC _____</p> <p>PULSE _____</p>	
	<p>RE-ENTER FIFTH BLOOD PRESSURE AND PULSE READING.</p> <p>SYSTOLIC _____</p> <p>DIASTOLIC _____</p> <p>PULSE _____</p>	<p>[Programmer, check that: Entry for systolic in P24 matches that for systolic in P24A. Entry for diastolic in P24 matches that for diastolic in P24A. Entry for pulse in P24 matches that for pulse in P24A. If any entries do not match use a hard check to inform the interviewer what does not match and allow for correction.</p> <p>Once all entries match check that: Systolic is ≥ 60 and ≤ 250 Diastolic is ≥ 40 and ≤ 160 Pulse is ≥ 40 and ≤ 200 Systolic BP > diastolic BP Cannot have diastolic measurement without systolic measurement If any readings fall outside the specified ranges or the other conditions occur, use a hard check to inform the interviewer of the problem and ask that they double-check their entry.</p> <p>Also check: Difference between systolic and diastolic BP is: 20 – 100 mmHg If systolic is > 180 or diastolic is > 110 use a soft check to have the interviewer review the answers.]</p>
P24B.	<p>CAPI: CHECK WHETHER AT LEAST ONE BLOOD PRESSURE READING OBTAINED.</p> <p>1. YES (GO TO P24D) 5. NO</p>	
P24C.	<p>INTERVIEWER: REASON NO BLOOD PRESSURE MEASUREMENTS OBTAINED?</p> <p>MARK ALL THAT APPLY.</p> <p>1. RESPONDENT UNABLE/UNWILLING TO UNDERSTAND AND FOLLOW INSTRUCTIONS 2. RESPONDENT REFUSES TO BE MEASURED 3. WITHERED ARMS, INJURY, RECENT SURGERY, DRESSING, RASH (ON BOTH ARMS)</p>	

	4. FIVE FAILED ATTEMPTS TO INFLATE CUFF 6. NO APPROPRIATE SETTING FOR MEASUREMENT 7. EQUIPMENT FAILURE 5. OTHER, SPECIFY: <hr/> (GO TO P32)	
P24D.	CAPI: CHECK WHETHER ANY "MISSED" READINGS (RESPONSE = "2") IN P14, P16, P18, P20, AND P23. 1. YES 5. NO (GO TO P25)	
P24E.	INTERVIEWER: INDICATE REASONS FOR MISSED READINGS. MARK ALL THAT APPLY. 1. RESPONDENT UNABLE/UNWILLING TO UNDERSTAND & FOLLOW INSTRUCTIONS 2. INTERRUPTION 3. EQUIPMENT FAILURE 4. OTHER, SPECIFY: <hr/>	
P25.	CAPI: CHECK WHETHER ANY "REFUSED" READINGS (RESPONSE = "3") IN P14, P16, P18, P20, AND P23. 1 YES 5 NO (GO TO P27)	
P26.	INTERVIEWER: INDICATE REASONS FOR REFUSAL OF BLOOD PRESSURE READINGS. MARK ALL THAT APPLY. 1. RESPONDENT UNABLE TO HOLD STILL OR TOO AGITATED TO MEASURE 2. RESPONDENT REFUSES TO HAVE BLOOD PRESSURE MEASURED 3. OTHER, SPECIFY: <hr/>	
P27.	INTERVIEWER: NOTE ANY OBSERVABLE PHYSICAL CHARACTERISTICS OF RESPONDENT THAT AFFECTED BLOOD PRESSURE MEASUREMENT.	

	<hr/> <hr/> <hr/>	
P28.	<p>INTERVIEWER: DESCRIBE ANY DEVIATIONS FROM THE PROTOCOL OR OTHER PROBLEMS MEASURING RESPONDENT'S BLOOD PRESSURE.</p> <hr/> <hr/> <hr/>	
P29.	<p>CAPI: USE THE FOLLOWING VALUES OF THE SYSTOLIC BLOOD PRESSURE (SBP) AND DIASTOLIC BLOOD PRESSURE (DBP) READINGS TO DETERMINE WHETHER THE RESPONDENT'S BLOOD PRESSURE READING IS VERY HIGH.</p> <p>[Programmer: Look at previous responses to P14, P16, P18, P20, and P23 and complete appropriate answer.]</p> <p>IF THREE BLOOD PRESSURE READINGS WERE OBTAINED, USE THE SECOND AND THIRD MEASUREMENTS TO CALCULATE AVERAGES FOR SBP AND DBP:</p> <p>SBP AVERAGE = (SECOND SBP READING + THIRD SBP READING) / 2</p> <p>DBP AVERAGE = (SECOND DBP READING + THIRD DBP READING) / 2</p> <p>IF TWO BLOOD PRESSURE READINGS WERE OBTAINED, USE THE VALUES OF SBP AND DBP FROM THE SECOND MEASUREMENT AS THE SBP AVERAGE AND DBP AVERAGE.</p> <p>IF ONE BLOOD PRESSURE READING WAS OBTAINED, USE THOSE VALUES OF SBP AND DBP AS THE SBP AVERAGE AND THE DBP AVERAGE.</p> <p>1. AVERAGE SBP (ASBP): ____</p> <p>2. AVERAGE DBP (ADBP): ____</p>	
P30.	<p>CAPI: DETERMINE WHETHER RESPONDENT'S BLOOD PRESSURE READINGS ARE VERY HIGH.</p> <p>1. AVERAGE SBP \geq 180</p> <p>2. AVERAGE DBP \geq 110</p> <p>3. AVERAGE SBP < 180 AND AVERAGE DBP < 110 (GO TO P32)</p>	

P31.	<p>INTERVIEWER: THE BLOOD PRESSURE READING IS HIGH. CAPI: INSERT THE AVERAGE SYSTOLIC AND DIASTOLIC BLOOD PRESSURE FROM P29:</p> <p>AVERAGE SYSTOLIC BLOOD PRESSURE: ____</p> <p>AVERAGE DIASTOLIC BLOOD PRESSURE: ____</p> <p>TYPE OF BLOOD PRESSURE MEASUREMENT: {if based on 2 readings fill "AVERAGE OF 2nd AND 3rd READING", if based on one reading fill "SINGLE MEASUREMENT"}</p> <p>FOLLOW THESE STEPS</p> <ol style="list-style-type: none"> 1. STOP THE HEALTH MEASURES COLLECTION. DO NOT PERFORM ANY ADDITIONAL HEALTH MEASURES. 2. REMAIN CALM. DO NOT ALARM THE RESPONDENT. TELL THE RESPONDENT THAT THE BLOOD PRESSURE READING IS HIGH. 3. COMPLETE THE REPORT OF VERY HIGH BLOOD PRESSURE FORM. READ IT ALOUD TO THE RESPONDENT. BOTH YOU AND THE RESPONDENT MUST SIGN THE FORM. GIVE ONE COPY TO THE RESPONDENT. 4. IF THE RESPONDENT DOES NOT HAVE A USUAL SOURCE OF HEALTH CARE, SHOW THE REFERRAL INFORMATION SHEET, WHICH IS IN THE PACKET OF INFORMATION YOU PROVIDED. REVIEW THE SHEET WITH THE RESPONDENT TO HELP HIM/HER FIND THE NEAREST (A) PLACE TO GET MEDICAL CARE, (B) EMERGENCY ROOM, OR (C) URGENT CARE CLINIC. HELP THE RESPONDENT FIGURE OUT HOW TO GET THERE. <p>IF THE RESPONDENT DECIDES TO CALL 911, REMAIN WITH THE RESPONDENT UNTIL MEDICAL PERSONNEL ARRIVE. DURING THAT TIME PROMOTE A CALM AND QUIET ENVIRONMENT.</p> <p>INTERVIEWER: YOU MUST NOT DRIVE THE RESPONDENT ANYWHERE. YOU MUST CALL THE RESPONDENT THE NEXT DAY TO SEE IF ANY ACTION WAS TAKEN. IF NO ACTION TAKEN, YOU SHOULD ENCOURAGE THE RESPONDENT TO DO SO.</p> <p>(GO TO P79)</p>	
------	--	--

HEIGHT MEASUREMENT		
P32.	Now I'm going to measure your height. I will have you stand against the	

	<p>wall and then I will use this folding ruler and triangle to get an accurate measurement.</p> <p>INTERVIEWER: FIND A SECTION OF BLANK, FLAT WALL AGAINST WHICH THE RESPONDENT CAN STAND. THE RESPONDENT SHOULD NOT STAND ON RUGS OR CARPETING. BE SURE TO HAVE ADEQUATE LIGHTING OR HAVE A FLASHLIGHT HANDY.</p> <p>ASK THE RESPONDENT TO REMOVE SHOES, HAT, HAIR ORNAMENTS, AND ANY HEAVY OUTER GARMENTS.</p> <p>ASK THE RESPONDENT TO STAND WITH HIS/HER BACK AGAINST THE WALL.</p> <p>MAKE SURE RESPONDENT'S LINE OF SIGHT (FRANKFORT PLANE) IS LEVEL WITH THE GROUND.</p> <p>PLACE A 'POST-IT' NOTE ON THE WALL AT THE TOP OF THE RESPONDENT'S HEAD APPROXIMATELY WHERE YOU WILL BE MARKING THE HEIGHT.</p> <p>ASK RESPONDENT TO STAND TALL AND TAKE A DEEP BREATH.</p> <p>PLACE THE CARPENTER'S SQUARE SO THAT THE TWO SIDES THAT FORM THE RIGHT ANGLE ARE FLAT: (1) ALONG THE WALL AND (2) RESTING ON TOP OF THE HEAD.</p> <p>MARK THE RESPONDENT'S HEIGHT ON THE 'POST-IT' NOTE AND LET THE RESPONDENT STEP AWAY.</p> <p>MEASURE THE RESPONDENT'S HEIGHT TO THE NEAREST MILLIMETER.</p>	
P32A	<p>INTERVIEWER: SUCCESSFULLY ABLE TO MEASURE RESPONDENT'S HEIGHT?</p> <p>1. YES (GO TO P34)</p> <p>5. NO</p>	

33.	<p>INTERVIEWER: SELECT ALL REASONS WHY UNABLE TO MEASURE RESPONDENT'S HEIGHT.</p> <p>MARK ALL THAT APPLY</p> <p>1. RESPONDENT UNABLE/UNWILLING TO UNDERSTAND AND FOLLOW INSTRUCTIONS</p> <p>2. RESPONDENT REFUSES TO BE MEASURED</p> <p>3. RESPONDENT UNABLE TO STAND UNASSISTED</p> <p>4. UNABLE TO POSITION RESPONDENT ACCORDING TO PROTOCOL</p> <p>5. UNSUITABLE SURFACE - WALL OR FLOOR - FOR MEASURING</p> <p>6. EQUIPMENT FAILURE</p> <p>7. OTHER, SPECIFY: _____</p> <p>(GO TO P39)</p>	
P34.	<p>INTERVIEWER: ENTER RESPONDENT'S HEIGHT IN MILLIMETERS</p> <p>____ . ____ MM</p>	
P34A.	<p>INTERVIEWER: RE-ENTER RESPONDENT'S HEIGHT IN MILLIMETERS</p> <p>____ . ____ MM</p>	<p>[Programmer: Check that height entered in P34 and P34A are the same, if not use a hard check to have interviewer re-enter numbers.</p> <p>If the height is ≥ 243.8 cm use a hard check to inform the interviewer that the height measurement they have entered is out of range and the interviewer must re-check the number.</p> <p>If the respondent is male and the height is below 157.7 or above 194.0 use a soft check to ask the interviewer to double check their entry.</p> <p>If the respondent is female and the height entered is below 145.7 or above 177.9 use a soft check to ask the interviewer to double check their entry.]</p>
P35.	<p>INTERVIEWER: IS AN ADJUSTMENT TO THE RECORDED HEIGHT NECESSARY DUE TO RESPONDENT'S HAIR OR SHOES?</p> <p>1. YES</p> <p>5. NO (GO TO P37)</p>	
P36.	<p>INTERVIEWER: USE THE MEASURING TAPE TO MEASURE THE HEIGHT OF THE RESPONDENT'S HAIR AND/OR SHOES.</p> <p>____ . ____ CM ABOVE THE HEAD ADJUSTMENTS (SUCH AS FOR HAIR)</p>	

	<p>____. ____ CM BELOW THE FEET ADJUSTMENTS (SUCH AS FOR SHOES)</p>	
P36A.	<p>INTERVIEWER: RE-ENTER THE HEIGHT OF THE RESPONDENT'S HAIR AND/OR SHOES.</p> <p>____. ____ CM ABOVE THE HEAD ADJUSTMENTS (SUCH AS FOR HAIR)</p> <p>____. ____ CM BELOW THE FEET ADJUSTMENTS (SUCH AS FOR SHOES)</p>	<p>[Programmer: Check double-entry of height adjustment to verify that both entries match. If they do not match, use a hard check to have interviewer re-enter numbers.]</p>
P36B.	<p>CAPI: CALCULATE RESPONDENT'S ADJUSTED HEIGHT AND CHECK THAT ADJUSTED HEIGHT:</p> <p>ADJUSTED HEIGHT = P34 - P36_ABOVE - P36_BELOW</p>	<p>[Programmer: If the respondent is male and the height is below 157.7 or above 194.0 use a soft check to ask the interviewer to double check their entry of the respondent's height as well as their above-head and below-foot adjustments.</p> <p>If the respondent is female and the height entered is below 145.7 or above 177.9 use a soft check to ask the interviewer to double check their entry of the respondent's height as well as their above-head and below-foot adjustments.</p>
P37.	<p>INTERVIEWER: NOTE ANY OBSERVABLE PHYSICAL CHARACTERISTICS OF RESPONDENT THAT AFFECTED HEIGHT MEASUREMENT.</p> <p>_____</p> <p>_____</p> <p>_____</p>	
P38.	<p>INTERVIEWER: DESCRIBE ANY DEVIATIONS FROM THE PROTOCOL OR PROBLEMS WITH OBTAINING HEIGHT MEASUREMENT.</p> <p>_____</p> <p>_____</p> <p>_____</p>	

WEIGHT MEASUREMENT		
P39.	<p>Now I'm going to measure your weight.</p> <p>INTERVIEWER: PUT SCALE ON HARD, FLAT SURFACE. SET THE SCALE TO ZERO.</p> <p>ASK RESPONDENT TO REMOVE SHOES AND ANY HEAVY OUTER</p>	

	<p>GARMENTS (COAT, JACKET, SWEATER, ETC.).</p> <p>ASK RESPONDENT TO REMOVE ANY ITEMS FROM HANDS AND POCKETS.</p> <p>ASK RESPONDENT TO STEP ON SCALE.</p> <p>READ WEIGHT OF RESPONDENT IN KILOGRAMS.</p>	
P40.	<p>INTERVIEWER: SUCCESSFULLY ABLE TO MEASURE RESPONDENT'S WEIGHT?</p> <p>1. YES (GO TO P42) 5. NO</p>	
P41.	<p>INTERVIEWER: SELECT ALL REASONS WHY UNABLE TO MEASURE RESPONDENT'S WEIGHT.</p> <p>MARK ALL THAT APPLY</p> <p>1. RESPONDENT UNABLE/UNWILLING TO UNDERSTAND AND FOLLOW INSTRUCTIONS 2. RESPONDENT REFUSES TO BE WEIGHED 3. RESPONDENT UNABLE TO STAND UNASSISTED 4. UNSUITABLE SURFACE FOR SETTING UP THE SCALE 5. SCALE INSUFFICIENT FOR RESPONDENT WEIGHT 6. EQUIPMENT FAILURE 7. OTHER, SPECIFY: _____</p> <p>(GO TO P45)</p>	
P42.	<p>INTERVIEWER: ENTER RESPONDENT'S WEIGHT IN KILOGRAMS:</p> <p>___ . ___ KG</p>	
P42A.	<p>INTERVIEWER: RE-ENTER RESPONDENT'S WEIGHT IN KILOGRAMS:</p> <p>___ . ___ KG</p>	<p>[Programmer: Check double-entry of weight to verify that entries in P42 and P42A match. If they do not match, use a hard check to have interviewer re-enter numbers.</p> <p>If weight is above 150 kilograms, use a hard check to inform the interviewer that weight entered is out of range and to correct the entry.</p> <p>If respondent is male and weight is below 52.5 kilograms then use a soft check to ask the interviewer to double-check their entry.</p> <p>If respondent is female and weight entered is below 43.7 kilograms or</p>

		above 133.7 kilograms then use a soft check to ask the interviewer to double check their entry.]
P43.	<p>INTERVIEWER: NOTE ANY OBSERVABLE PHYSICAL CHARACTERISTICS OF RESPONDENT THAT AFFECTED WEIGHT MEASUREMENT.</p> <p>MARK ALL THAT APPLY.</p> <p>0. NONE</p> <p>1. RESPONDENT WEARING SHOES</p> <p>2. RESPONDENT WEARING HEAVY CLOTHING</p> <p>3. RESPONDENT HAD ITEMS IN HANDS OR IN POCKETS</p> <p>4. RESPONDENT IS PREGNANT</p> <p>5. OTHER, SPECIFY: _____</p>	
P44.	<p>INTERVIEWER: DESCRIBE ANY DEVIATIONS FROM THE PROTOCOL OR PROBLEMS WITH OBTAINING WEIGHT MEASUREMENT.</p> <p>_____</p> <p>_____</p> <p>_____</p>	

HIP AND WAIST MEASUREMENT		
P45.	<p>Next, I am going to measure your waist and hips.</p> <p>INTERVIEWER: ALLOW RESPONDENT THE OPTION OF MEASURING HIS OR HER OWN WAIST.</p> <p>WAIST MEASUREMENT INSTRUCTIONS:</p> <p>PLACE MEASURING TAPE NEXT TO THINLY CLOTHED SKIN. ASK THE RESPONDENT TO REMOVE ANY HEAVY OR BULKY OUTER GARMENTS, INCLUDING BELTS. DO NOT ASK RESPONDENT TO DISROBE.</p> <p>ASK RESPONDENT TO STAND IN A RELAXED POSTURE AND TO BREATHE NORMALLY. RESPONDENT SHOULD NOT HOLD THEIR BREATH OR ATTEMPT TO “SUCK IN” THEIR STOMACH.</p> <p>LOCATE THE BONY PROMINENCE OF THE RIGHT ILIAC CREST OR ASSIST THE RESPONDENT IN LOCATING IT.</p>	

	<p>RUN THE MEASURING TAPE IN A COMPLETE CIRCLE JUST ABOVE THE ILIAC CRESTS. THE TAPE SHOULD REMAIN PARALLEL WITH THE FLOOR. THE TAPE SHOULD BE SNUG BUT NOT TIGHT ENOUGH TO COMPRESS THE SOFT TISSUE.</p> <p>HOLD TAPE FIRMLY AND TAKE WAIST MEASUREMENT AT END OF A NORMAL EXHALATION.</p>	
P46.	<p>INTERVIEWER: SUCCESSFULLY ABLE TO OBTAIN WAIST MEASUREMENT?</p> <p>1. YES (GO TO P48) 5. NO</p>	
P47.	<p>INTERVIEWER: SELECT ALL REASONS WHY UNABLE TO OBTAIN RESPONDENT'S WAIST MEASUREMENT.</p> <p>MARK ALL THAT APPLY</p> <p>1. RESPONDENT UNABLE/UNWILLING TO UNDERSTAND AND FOLLOW INSTRUCTIONS 2. RESPONDENT REFUSES TO BE MEASURED 3. RESPONDENT UNABLE/UNWILLING TO STAND UNASSISTED 4. UNABLE TO POSITION RESPONDENT ACCORDING TO PROTOCOL 5. MEASURING TAPE INSUFFICIENT FOR RESPONDENT'S WAIST CIRCUMFERENCE 6. RESPONDENT CHOSE SELF-MEASUREMENT BUT UNABLE TO POSITION TAPE PROPERLY 7. EQUIPMENT FAILURE 8. OTHER, SPECIFY: _____</p> <p>(GO TO P52)</p>	
P48.	<p>INTERVIEWER: ENTER RESPONDENT'S WAIST MEASUREMENT IN CENTIMETERS:</p> <p>___ . ___ CM</p>	
P48A.	<p>INTERVIEWER: RE-ENTER RESPONDENT'S WAIST MEASUREMENT IN CENTIMETERS:</p> <p>___ . ___ CM</p>	<p>[Programmer: Check that waist measurement entered in P48 and P48A are the same, if not use a hard check to have interviewer re-enter numbers.</p> <p>If waist measurement is above 180 cm use a hard check to inform the interviewer that the waist measurement entered is out of the acceptable</p>

		<p>range, and a new waist measurement should be entered.</p> <p>If the respondent is male and the waist measurement is below 70.7 or above 144.8 use a soft check to ask the interviewer to double check their entry.</p> <p>If the respondent is female and the waist measurement is below 65.7 or above 136.8 use a soft check to ask the interviewer to double check their entry.]</p>
P49.	<p>INTERVIEWER: INDICATE WHO MEASURED THE RESPONDENT'S WAIST CIRCUMFERENCE.</p> <p>1. RESPONDENT 2. INTERVIEWER</p>	
P50.	<p>INTERVIEWER: NOTE ANY OBSERVABLE PHYSICAL CHARACTERISTICS OF RESPONDENT THAT AFFECTED WAIST MEASUREMENT.</p> <p>MARK ALL THAT APPLY.</p> <p>0. NONE 1. RESPONDENT WEARING THICK CLOTHING 2. RESPONDENT IS PREGNANT 3. OTHER:</p> <p>_____</p> <p>_____</p> <p>_____</p>	
P51.	<p>INTERVIEWER: DESCRIBE ANY DEVIATIONS FROM THE PROTOCOL OR PROBLEMS WITH OBTAINING WAIST MEASUREMENT.</p> <p>_____</p> <p>_____</p> <p>_____</p>	
P52.	<p>Next, I am going to measure your hip size.</p> <p>INTERVIEWER: ALLOW RESPONDENT THE OPTION OF MEASURING HIS OR HER OWN HIPS.</p> <p>HIP MEASUREMENT INSTRUCTIONS:</p>	

	<p>PLACE THE MEASURING TAPE HORIZONTALLY AROUND THE BODY, ACROSS THE MAXIMUM CIRCUMFERENCE OF THE BUTTOCKS.</p> <p>THE TAPE SHOULD REMAIN PARALLEL WITH THE FLOOR.</p> <p>THE TAPE SHOULD BE SNUG BUT NOT TIGHT ENOUGH TO COMPRESS THE SOFT TISSUE.</p> <p>HOLD TAPE FIRMLY AND TAKE HIP MEASUREMENT.</p>	
P53.	<p>INTERVIEWER: SUCCESSFULLY ABLE TO OBTAIN HIP MEASUREMENT?</p> <p>1. YES (GO TO P55) 5. NO</p>	
54.	<p>INTERVIEWER: SELECT ALL REASONS WHY UNABLE TO OBTAIN RESPONDENT'S HIP MEASUREMENT.</p> <p>MARK ALL THAT APPLY</p> <p>1. RESPONDENT UNABLE/UNWILLING TO UNDERSTAND AND FOLLOW INSTRUCTIONS 2. RESPONDENT REFUSES TO BE MEASURED 3. RESPONDENT UNABLE TO STAND UNASSISTED 4. UNABLE TO POSITION RESPONDENT ACCORDING TO PROTOCOL 5. MEASURING TAPE INSUFFICIENT FOR RESPONDENT'S HIP CIRCUMFERENCE 6. RESPONDENT CHOSE SELF-MEASUREMENT BUT UNABLE TO POSITION TAPE PROPERLY 7. EQUIPMENT FAILURE 8 OTHER, SPECIFY: _____</p> <p>(GO TO P59)</p>	
P55.	<p>ENTER RESPONDENT'S HIP MEASUREMENT IN CENTIMETERS</p> <p>___ . ___ CM</p>	
P55A.	<p>RE-ENTER RESPONDENT'S HIP MEASUREMENT IN CENTIMETERS</p> <p>___ . ___ CM</p>	<p>[Programmer: Check that hip measurement entered in P55 and P55A are the same, if not use a hard check to have interviewer re-enter numbers.</p> <p>If hip measurement is above 180 cm use a hard check to inform the</p>

		<p>interviewer that the hip measurement entered is out of the acceptable range, and a new hip measurement should be entered.</p> <p>If the respondent is male and the hip measurement is below 70.7 or above 144.8 use a soft check to ask the interviewer to double check their entry.</p> <p>If the respondent is female and the hip measurement is below 65.7 or above 136.8 use a soft check to ask the interviewer to double check their entry.]</p>
P56.	<p>INTERVIEWER: INDICATE WHO MEASURED THE RESPONDENT'S HIP CIRCUMFERENCE.</p> <p>1. RESPONDENT 2. INTERVIEWER</p>	
P57.	<p>INTERVIEWER: NOTE ANY OBSERVABLE PHYSICAL CHARACTERISTICS OF RESPONDENT THAT AFFECTED HIP MEASUREMENT.</p> <p>MARK ALL THAT APPLY.</p> <p>0. NONE 1. RESPONDENT WEARING THICK CLOTHING 2. RESPONDENT IS PREGNANT 3. OTHER, SPECIFY: _____</p>	
P58.	<p>INTERVIEWER: DESCRIBE ANY DEVIATIONS FROM THE PROTOCOL OR PROBLEMS WITH OBTAINING HIP MEASUREMENT.</p> <p>_____ _____ _____</p>	

SPIROMETRY MEASUREMENT	
------------------------	--

P59.	<p>Before beginning the next procedure, I have a few questions.</p> <p>Have you had any surgery on your chest or abdomen in the past three weeks?</p> <p>1. YES (GO TO P79) 5. NO</p>	
P60.	<p>Have you been hospitalized for a heart problem in the past 6 weeks?</p> <p>1. YES (GO TO P79) 5. NO</p> <p>IF RESPONDENT IS MALE GO TO P61</p>	
P60A.	<p>Are you in your third trimester of pregnancy? That is, are you at least 7 months pregnant?</p> <p>1. YES (GO TO P79) 5. NO</p>	
P61.	<p>Now I'm going to measure your lung function by having you blow into this meter. First, I will explain the procedure.</p> <p>This electronic device is called a spirometer. It measures how effectively and how quickly your lungs can be emptied of air. You do this by taking a deep breath and then blowing out through the device as hard and as fast as possible until you have no more breath left.</p> <p>Before we begin, you should loosen any tight clothing. You should stand comfortably with your feet flat on the floor, back straight, and with a non-rolling chair behind you. You should first put this clip on your nose and then take a deep breath of air as far as you can inhale.</p> <p>Without pausing, you should put the mouthpiece in your mouth and seal your lips tightly around it, with your chin slightly elevated and your neck stretched. Put the mouthpiece between your teeth and seal your mouth around the tube, not allowing any air to leak out the sides.</p> <p>Then, you should blast out the air as hard and fast as you can! You should keep on blowing out the same breath of air until I say "stop."</p> <p>I have a few more questions before we get started.</p>	

P62.	<p>Are you using any respiratory medications such as bronchodilators (inhaler or puffer) or steroids?</p> <p>1. YES 5. NO (GO TO P64)</p>	
P63.	<p>Have you used an inhaler or puffer in the last hour?</p> <p>1. YES (INTERVIEWER: IF POSSIBLE, DELAY SPIROMETRY UNTIL ONE HOUR AFTER THE LAST INHALER USE) 5. NO</p>	
P64.	<p>Have you eaten a heavy meal in the last hour?</p> <p>1. YES (INTERVIEWER: IF POSSIBLE, DELAY SPIROMETRY UNTIL ONE HOUR AFTER THE LAST HEAVY MEAL) 5. NO</p>	
P65.	<p>Have you had a cough, cold, or other illness in the past few days?</p> <p>1. YES 5. NO</p>	
P66.	<p>Have you had a respiratory infection (such as the flu, pneumonia, bronchitis, or a severe cold) in the past 3 weeks?</p> <p>1. YES 5. NO</p>	
P67.	<p>Are you currently being treated for tuberculosis?</p> <p>1. YES 5. NO</p>	
P68.	<p>Let me now demonstrate how the breathing measurement is done using my own mouthpiece and then I'll give you a new one.</p> <p>INTERVIEWER: DEMONSTRATE HOW TO USE THE MOUTHPIECE. USE YOUR OWN MOUTHPIECE, STAND STRAIGHT WITH A FIRM SURFACE BEHIND YOU, TAKE A DEEP BREATH, BLAST IT OUT, AND DO NOT LEAN.</p> <p>INTERVIEWER: ALLOW RESPONDENT TO WALK THROUGH THE PROCEDURE. OPEN A NEW MOUTHPIECE AND HAVE THE RESPONDENT GET COMFORTABLE WITH PUTTING HIS/HER</p>	

	MOUTH AROUND IT. HAVE THE RESPONDENT HOLD THE SPIROMETER (WITHOUT THE MOUTHPIECE IN IT).	
P69.	<p>INTERVIEWER: IF YOU ARE USING THE SPIROMETER FOR THE FIRST TIME TODAY, MAKE SURE TO CHECK SETTINGS AS SPECIFIED IN THE PROTOCOL.</p> <p>ENTER THE FOLLOWING INTO THE SPIROMETER:</p> <p>THE RESPONDENT'S CASE ID NUMBER</p> <p>THE RESPONDENT'S DATE OF BIRTH</p> <p>THE RESPONDENT'S HEIGHT (IF RESPONDENT DECLINED TO BE MEASURED OR YOU WERE UNABLE TO MEASURE HIS/HER HEIGHT, ENTER "150"</p> <p>FOR ALL OTHER ITEMS, SELECT THE DEFAULT VALUES.</p> <p>REVIEW THE INFORMATION YOU HAVE ENTERED TO MAKE SURE THERE ARE NO MISTAKES.</p> <p>INSERT THE RESPONDENT'S MOUTHPIECE INTO THE SPIROMETER AND HAND IT BACK TO THE RESPONDENT.</p> <p>Now please stand up and, whenever you are ready, take as deep a breath as you can until it feels like you cannot get any more air into your lungs. Place your mouth around the mouthpiece with your lips tightly sealed, and then breathe out as hard, as fast, and as long as you can. I want you to make the air "BLAST" out of your lungs. Keep breathing out until I tell you to stop.</p>	
P69A	<p>INTERVIEWER: PERFORM FIRST SPIROMETERY MEASUREMENT ON RESPONDENT AND MARK THE RESULT.</p> <ol style="list-style-type: none"> 1. SPIROMETER SAYS "DON'T HESITATE" 2. SPIROMETER SAYS "BLAST OUT FASTER" 3. SPIROMETER SAYS "BLOW OUT LONGER" 4. SPIROMETER SAYS "WAIT UNTIL BUZZ BEFORE BLOWING OUT" 5. SPIROMETER SAYS "GOOD EFFORT, DO NEXT" 6. SPIROMETER SAYS "DEEPER BREATH" 9. RESPONDENT REFUSED (GO TO P76) 	

P70.	<p>WAIT 1 MINUTE BEFORE NEXT MEASUREMENT.</p> <p>Now for the next one. Remember, take as deep a breath as you can, place your mouth around the mouthpiece, seal your lips around it, and then breathe out as hard, as fast, and as long as you can. Make the air “BLAST” out of your lungs. Keep breathing out until I tell you to stop.</p> <p>INTERVIEWER: PERFORM SECOND SPIROMETERY MEASUREMENT ON RESPONDENT AND MARK THE RESULT.</p> <ol style="list-style-type: none"> 1. SPIROMETER SAYS “DON’T HESITATE” 2. SPIROMETER SAYS “BLAST OUT FASTER” 3. SPIROMETER SAYS “BLOW OUT LONGER” 4. SPIROMETER SAYS “WAIT UNTIL BUZZ BEFORE BLOWING OUT” 5. SPIROMETER SAYS “GOOD EFFORT, DO NEXT” 6. SPIROMETER SAYS “DEEPER BREATH” 9. RESPONDENT REFUSED (GO TO P76) 	
71.	<p>WAIT 1 MINUTE BEFORE NEXT MEASUREMENT.</p> <p>INTERVIEWER: PERFORM THIRD SPIROMETERY MEASUREMENT ON RESPONDENT AND MARK THE RESULT.</p> <ol style="list-style-type: none"> 1. SPIROMETER SAYS “DON’T HESITATE” 2. SPIROMETER SAYS “BLAST OUT FASTER” 3. SPIROMETER SAYS “BLOW OUT LONGER” 4. SPIROMETER SAYS “WAIT UNTIL BUZZ BEFORE BLOWING OUT” 5. SPIROMETER SAYS “GOOD EFFORT, DO NEXT” 6. SPIROMETER SAYS “DEEPER BREATH” 7. SPIROMETER SAYS “SESSION COMPLETE” (GO TO P77) 9. RESPONDENT REFUSED (GO TO P76) 	

P72.	<p>WAIT 1 MINUTE BEFORE NEXT MEASUREMENT.</p> <p>INTERVIEWER: PERFORM FOURTH SPIROMETERY MEASUREMENT ON RESPONDENT AND MARK THE RESULT.</p> <ol style="list-style-type: none"> 1. SPIROMETER SAYS "DON'T HESITATE" 2. SPIROMETER SAYS "BLAST OUT FASTER" 3. SPIROMETER SAYS "BLOW OUT LONGER" 4. SPIROMETER SAYS "WAIT UNTIL BUZZ BEFORE BLOWING OUT" 5. SPIROMETER SAYS "GOOD EFFORT, DO NEXT" 6. SPIROMETER SAYS "DEEPER BREATH" 7. SPIROMETER SAYS "SESSION COMPLETE" (GO TO P77) 9. RESPONDENT REFUSED (GO TO P76) 	
P73.	<p>WAIT 1 MINUTE BEFORE NEXT MEASUREMENT.</p> <p>INTERVIEWER: PERFORM FIFTH SPIROMETERY MEASUREMENT ON RESPONDENT AND MARK THE RESULT.</p> <ol style="list-style-type: none"> 1. SPIROMETER SAYS "DON'T HESITATE" 2. SPIROMETER SAYS "BLAST OUT FASTER" 3. SPIROMETER SAYS "BLOW OUT LONGER" 4. SPIROMETER SAYS "WAIT UNTIL BUZZ BEFORE BLOWING OUT" 5. SPIROMETER SAYS "GOOD EFFORT, DO NEXT" 6. SPIROMETER SAYS "DEEPER BREATH" 7. SPIROMETER SAYS "SESSION COMPLETE" (GO TO P77) 9. RESPONDENT REFUSED (GO TO P76) 	
P74.	<p>WAIT 1 MINUTE BEFORE NEXT MEASUREMENT.</p> <p>INTERVIEWER: PERFORM SIXTH SPIROMETERY MEASUREMENT ON RESPONDENT AND MARK THE RESULT.</p> <ol style="list-style-type: none"> 1. SPIROMETER SAYS "DON'T HESITATE" 2. SPIROMETER SAYS "BLAST OUT FASTER" 3. SPIROMETER SAYS "BLOW OUT LONGER" 4. SPIROMETER SAYS "WAIT UNTIL BUZZ BEFORE BLOWING OUT" 5. SPIROMETER SAYS "GOOD EFFORT, DO NEXT" 6. SPIROMETER SAYS "DEEPER BREATH" 7. SPIROMETER SAYS "SESSION COMPLETE" (GO TO P77) 9. RESPONDENT REFUSED (GO TO P76) 	

P75.	<p>WAIT 1 MINUTE BEFORE NEXT MEASUREMENT.</p> <p>INTERVIEWER: PERFORM SEVENTH SPIROMETERY MEASUREMENT AND MARK THE RESULT.</p> <ol style="list-style-type: none"> 1. SPIROMETER SAYS "DON'T HESITATE" 2. SPIROMETER SAYS "BLAST OUT FASTER" 3. SPIROMETER SAYS "BLOW OUT LONGER" 4. SPIROMETER SAYS "WAIT UNTIL BUZZ BEFORE BLOWING OUT" 5. SPIROMETER SAYS "GOOD EFFORT, DO NEXT" 6. SPIROMETER SAYS "DEEPER BREATH" 7. SPIROMETER SAYS "SESSION COMPLETE" (GO TO P77) 9. RESPONDENT REFUSED (GO TO P76) 	
P75A	<p>WAIT 1 MINUTE BEFORE NEXT MEASUREMENT.</p> <p>INTERVIEWER: PERFORM EIGHTH SPIROMETERY MEASUREMENT ON RESPONDENT AND MARK THE RESULT.</p> <ol style="list-style-type: none"> 1. SPIROMETER SAYS "DON'T HESITATE" 2. SPIROMETER SAYS "BLAST OUT FASTER" 3. SPIROMETER SAYS "BLOW OUT LONGER" 4. SPIROMETER SAYS "WAIT UNTIL BUZZ BEFORE BLOWING OUT" 5. SPIROMETER SAYS "GOOD EFFORT, DO NEXT" 6. SPIROMETER SAYS "DEEPER BREATH" 7. SPIROMETER SAYS "SESSION COMPLETE" (GO TO P77) 9. RESPONDENT REFUSED (GO TO P76) 	

P76.	<p>INTERVIEWER: INDICATE REASONS FOR MEASUREMENT INCOMPLETE, UNSATISFACTORY, OR NOT DONE.</p> <p>MARK ALL THAT APPLY</p> <p>1. RESPONDENT UNABLE/UNWILLING TO UNDERSTAND OR FOLLOW TEST INSTRUCTIONS</p> <p>2. RESPONDENT REFUSES TO PERFORM SPIROMETRY</p> <p>3. EQUIPMENT FAILURE</p> <p>4. COUGHS DETECTED</p> <p>5. EARLY TERMINATION OF EXPIRATION, INSUFFICIENT EFFORT</p> <p>6. ACUTE ILLNESS (FLU, PNEUMONIA, ETC.)</p> <p>7. SEVERE BRONCHITIS, EMPHYSEMA, ASTHMA</p> <p>8. ATE HEAVY MEAL</p> <p>9. INSUFFICIENT TIME AVAILABLE</p> <p>10. NO APPROPRIATE SETTING FOR CONDUCTING SPIROMETRY</p> <p>11. RESPONDENT MEDICALLY EXCLUDED FOR SAFETY</p> <p>12. OTHER, SPECIFY: _____</p>	
P77.	<p>INTERVIEWER: NOTE ANY OBSERVABLE PHYSICAL CHARACTERISTICS OF RESPONDENT THAT AFFECTED SPIROMETRY.</p> <p>_____</p> <p>—</p> <p>_____</p> <p>—</p> <p>_____</p> <p>—</p>	
P78.	<p>INTERVIEWER: DESCRIBE ANY DEVIATIONS FROM THE PROTOCOL OR PROBLEMS PERFORMING SPIROMETRY.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>—</p> <p>_____</p> <p>—</p> <p>TURN THE SPIROMETER OFF.</p>	

RESPONDENT'S HEALTH STATUS AS OBSERVED BY INTERVIEWER		
P79.	<p>INTERVIEWER: BASED ON YOUR OBSERVATION OF THIS RESPONDENT, HOW DOES [HIS/HER] HEALTH COMPARE, IN GENERAL, TO THE HEALTH STATUS OF OTHER PEOPLE OF THE SAME AGE AND SEX?</p> <p>RECORD YOUR OWN OPINION BASED ON YOUR OBSERVATION</p> <p>MARK SCORE ON THE FOLLOWING SCALE:</p> <p>1. MUCH WORSE 2 3. WORSE 4 5. ABOUT THE SAME 6 7. BETTER 8 9. MUCH BETTER</p>	
DBS VISIT – SKIP FOR THOSE NOT SELECTED FOR DBS		
P80.	<p>In addition to the health measures we have completed today, we would like to schedule a health technician to visit your home to collect a blood sample.</p> <p>The visit would take about 30 minutes. The health technician will prick a finger and catch drops of blood on special pieces of filter paper. Your blood will be tested for the risk of heart disease, blood sugar levels,.</p> <p>First, I have some questions for you.</p>	
P81A	<p>Do you have hemophilia or any other type of blood disorder that may affect your blood's ability to clot?</p> <p>1. YES (GO TO P81C) 5. NO</p>	

P81B	<p>Have you had chemotherapy treatments within the past 4 weeks?</p> <p>1. YES 5. NO (GO TO P81D)</p>	
P81C	<p>I'm sorry, but it seems you are not eligible to take part in the blood sample portion of the study.</p> <p>INTERVIEWER: IF RESPONDENT HAS PARTICIPATED IN ALL OTHER PARTS OF THE HEALTH MEASURES, PAY THE \$25 INCENTIVE AND GET A SIGNED RECEIPT.</p> <p>(GO TO P88)</p>	
P81D	<p>Can we schedule a medical technician to come to your home?</p> <p>1. YES (GO TO P8D1) 2. NO, NOT READY TO COMMIT TO BLOOD SAMPLE (GO TO P87) 3. NO, NOT INTERESTED IN BLOOD SAMPLE (GO TO P87) 4. NO, DUE TO MEDICAL CONDITION, SPECIFY: _____ (GO TO P87)</p>	
P81D1.	<p>When would be the best time to schedule an appointment for the health technician to visit your home to collect a blood sample?</p> <p>DATE _____ TIME _____</p>	
P81E.	<p>To schedule the visit I need some additional information from you.</p> <p>INTERVIEWER: CONFIRM FULL NAME OR ASK IF UNKNOWN: CAN I HAVE YOUR FULL NAME?]</p> <p>RESPONDENT'S FULL NAME: _____ first middle last</p> <p>[CONFIRM FULL ADDRESS / EDIT AS NEEDED]</p> <p>ADDRESS: _____ Street Apt.</p> <p>_____ City State ZIP</p>	<p>[Programmer: Address and cross-streets only need to be collected once for each household.]</p>

	<p>WHAT IS THE NEAREST CROSS-STREET TO YOUR ADDRESS?</p> <p>ENTER CROSS-STREET: _____ AND _____</p>	
P82.	<p>What is the best telephone number for the technician to call to reach you and set up an appointment time?</p> <p>ENTER BEST TELEPHONE NUMBER: ____ - ____ - _____</p> <p>INDICATE TYPE:</p> <p>1. HOME 2. WORK 3. CELL PHONE</p>	
P82A	<p>And what would be the best time to reach you at this number?</p> <p>ENTER BEST TIME TO CALL THIS NUMBER:</p> <p>_____</p>	
P83.	<p>Is there another telephone number where you can be reached if needed?</p> <p>1. YES 2. NO (GO TO P84)</p>	
P83A	<p>What is the second telephone number?</p> <p>ENTER SECOND TELEPHONE NUMBER: ____ - ____ - _____</p> <p>INDICATE TYPE:</p> <p>1. HOME 2. WORK 3. CELL PHONE</p>	
P83 B	<p>And what would be the best time to reach you at that number?</p> <p>ENTER BEST TIME TO CALL THIS NUMBER:</p> <p>_____</p>	

P84	<p>To arrange for a health technician to contact you I need to make a phone call.</p> <p>INTERVIEWER: CALL 888-777-3674. BETWEEN 5 A.M. AND 5 P.M. MONDAY THROUGH FRIDAY, AN OPERATOR WILL ANSWER. AT ALL OTHER TIMES YOU WILL GET AN ANSWERING MACHINE.</p> <p>ASK TO USE THE RESPONDENT'S PHONE; OTHERWISE, USE YOUR CELL PHONE.</p>	
P85.	<p>TELL EMSI OPERATOR YOU ARE CALLING FROM L.A.FANS.</p> <p>PROVIDE FOLLOWING INFORMATION TO EMSI OPERATOR.</p> <p>RESPONDENT NAME: {fill NAME} PARTICIPANT CASE ID: {fill CASEID} RESPONDENT'S DATE OF BIRTH: {fill DOB} ADDRESS AND NEAREST CROSS-STREETS: {fill ADDRESS} BEST TELEPHONE NUMBER AND TYPE: {fill BEST PHONE #, TYPE} BEST TIME TO REACH RESPONDENT AT THIS NUMBER: {fill P83A}</p> <p>SECOND TELEPHONE NUMBER AND TYPE: {fill SECOND PHONE #, TYPE} BEST TIME TO REACH RESPONDENT AT THIS NUMBER: {fill P83B}</p> <p>ALSO TELL EMSI: PREFERRED APPOINTMENT TIME: {fill P81D1 DATE AND TIME} IF A SPANISH SPEAKING EXAMINER IS REQUIRED</p> <p>INTERVIEWER: REMEMBER TO ASK EMSI OPERATOR FOR THEIR NAME, AND TO RECORD THIS IN THE ROC ALONG WITH THE TIME THE CALL WAS PLACED TO EMSI.</p> <p>IF YOU ARE SCHEDULED TO RETURN TO THE HOME, ASK THE EMSI OPERATOR TO SCHEDULE A HEALTH TECHNICIAN TO COME AT THE SAME TIME YOU WILL BE THERE.</p>	<p>[Programmer: This information needs to be consolidated across all child and adult respondents so that just a single call to the EMSI operator is needed at the end of a visit.]</p>
P86.	<p>The health technician who will be making the visit will soon contact you to schedule an appointment. If your home is hard to find, this would be a good time to let the technician know how to easily find your home.</p>	

P87.	<p>INTERVIEWER: INDICATE THE STATUS OF THE BLOOD COLLECTION</p> <p>1. R AGREEABLE – CALL PLACED TO EMSI</p> <p>2. R AGREEABLE – NO CALL PLACED TO EMSI (NO PHONE / UNABLE TO REACH EMSI)</p> <p>3. MILD RESISTANCE TO FINGER STICK (GOOD POSSIBILITY FOR CONVERSION)</p> <p>4. FIRM REFUSAL TO FINGER STICK</p> <p>5. R DECLINES FINGER STICK DUE TO MEDICAL CONDITION</p>	
P88.	<p>That concludes our activities for today. Thank you for participating in the health measures study (IF APPLICABLE: and agreeing to have the health technician return to collect a blood sample).</p>	
AP_Exit	<p>{IF HH NOT SELECTED FOR DBS OR AP81C = RESPONSE OR PCG_ONLY=1 FILL 'INTERVIEWER NOTE: PLEASE PAY RESPONDENT \$5 AND COMPLETE INCENTIVE RECEIPT FORM.'}</p>	