BRFSS/ASTHMA CALL BACK SURVEY CHILD QUESTIONNAIRE - 2021 CATI SPECIFICATIONS

Form Approved OMB Control No. 0920-1204 Exp. Date 11/30/2020

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Section 1: Introduction

Introduction to the Asthma Call Back Survey for adult parent/guardian of child with asthma

Hello, my name is ______. I'm calling on behalf of the {STATE NAME} health department and the Centers for Disease Control and Prevention about an asthma study we are doing in your state.

ALTERNATE (no reference to asthma):

Hello, my name is ______. I'm calling on behalf of the {STATE NAME} health department and the Centers for Disease Control and Prevention about a health study we are doing in your state.

Question Number	Question text	Responses	SKIP INFO/ CATI Note	Interviewer Note (s)
Q1.1	Are you {MKPNAME}?	1. Yes	[GO TO 1.5]	
		2. No		
Q1.2	May I speak with {MKPNAME}?	1. Yes	[GO TO 1.4 when person comes to phone]	
		2. Person not available		
Q1.3	When would be a good time to call back and speak with {MKPNAME}. For example, evenings, days, weekends?	CBTIME: Enter day/time: 	[CATI: Start over at introduction at next call.]	READ: Thank you we will call again later to speak with {MKPNAME}.

Question number	Read Text	Alternative text (no reference to asthma):	
Q1.4	Hello, my name is I'm calling on behalf of the [STATE NAME] state health department and the Centers for Disease Control and Prevention about an asthma study we are doing in your state. During a recent phone interview ["you" if MKPNAME=ADULTNAME; OR "adultname" if MKPNAME=ALTNAME, MKP is pointed by BRFSS respondents] gave us permission to call again to ask some questions about {child's name}'s asthma and said that you knew the most about that child's asthma.	Hello, my name is I'm calling on behalf of the [STATE NAME] state health department and the Centers for Disease Control and Prevention about a health study we are doing in your state. During a recent phone ["you" if MKPNAME=ADULTNAME; OR "adultname" if MKPNAME=ALTNAME, MKP is pointed by BRFSS respondents] gave us permission to call again to ask some questions about {child's name}'s health and said that you	GO TO SECTION 2

	knew the most about that child's health.	

Q1.5	During a recent phone interview ["you"	During a recent phone interview	GO TO SECTION 2
	IF MKPNAME=ADULTNAME; OR	["you" if MKPNAME=ADULTNAME;	
	"adultname" if MKPNAME=ALTNAME,	OR "adultname" if	
	MKP is pointed by BRFSS respondents]	MKPNAME=ALTNAME, MKP is	
	gave us permission to call again to ask	pointed by BRFSS respondents] gave	
	some questions about {child's name}'s	us permission to call again to ask	
	asthma and said that you knew the most	some questions about {child's	
	about that child's asthma.	name}'s health and said that you	
		knew the most about that child's	
		health.	

Section 2: Informed Consent

Before we continue, I'd like you to know that this survey is authorized by the U.S. Public Health Service Act. You may choose not to answer any question you don't want to answer or stop at any time. In order to evaluate my performance, my supervisor may listen as I ask the questions. I'd like to continue now unless you have any questions.

{child's name} was selected to participate in this study about asthma because of responses to questions about his or her asthma in a prior survey.

If responses for sample child in BRFSS survey answers are: CASTHDX2= 1 (Yes) and CASTHNO2 = 2 (No),

READ: The answers to asthma questions during the earlier survey indicated that a doctor or other health professional said that {child's name} had asthma sometime in {his/her} life but does not have it now. Is that correct?

If YES, READ: Since {child's name} no longer has asthma, your interview will be very brief (about 5 minutes). [Go to RELATION (2.3)].

IF NO, [Go to REPEAT (2.0)]

If responses for sample child in BRFSS survey answers are: CASTHDX2= 1 (Yes) and CASTHNO2 = 1 (Yes)

READ: Answers to the asthma questions in the earlier survey indicated that a doctor or other health professional said that {child's name} had asthma sometime in {his/her} life, and that {child's name} still has asthma. Is that correct?

IF YES, [Go to RELATION (2.3)] IF NO, [Go to REPEAT (2.0)]

Question Number	Question text	Variable names	Responses (DO NOT READ UNLESS OTHERWISE NOTED)	SKIP INFO/ CATI Note	Interviewer Note (s)
Q2.0	I would like to repeat the questions from the previous survey now	REPEAT	(1) YES	[Go to EVER_ASTH (2.1)]	
{ch nar qua	to make sure {child's name} qualifies for this study.	(2) NO	[Skip to TERMINATE]		
Q2.1	Have you ever been	EVER_ASTH	(1) YES		
	told by a doctor or		(2) NO	[Skip Go to TERMINATE]	
	other health		(7) DON'T KNOW	[Skip Go to	

	professional			TERMINATE]
	that sure {child's name} had asthma?		(9) REFUSED	[Skip Go to TERMINATE]
Q2.2	Does {he/she} still have asthma?	CUR_ASTH	(1) YES(2) NO(7) DON'T KNOW(9) REFUSED	
Q2.3	What is your relationship to {child's name}?	RELATION	READ:(1) MOTHER (BIRTH/ADOPTIVE/STEP) (2) FATHER (BIRTH/ADOPTIVE/STEP) (3) BROTHER/SISTER (STEP/FOSTER/HALF/ADOPTIVE) (4) GRANDPARENT (FATHER/MOTHER) (5) OTHER RELATIVE (6) UNRELATED(7) DON'T KNOW (9) REFUSED	
Q2.4	Are you the legal guardian for {child's name}?	GUARDIAN	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	
[If CUR_A	STH (2.2) = 1 (Yes)] ce {child's name} d	-	udy, I'd like to continue unless you h na now, your interview will last abou	

[If CUR_ASTH (2.2) = 2 (No)]

READ: Since {child's name} does not have asthma now, your interview will last about 5 minutes. [Go to section 3]

[If CUR_ASTH (2.2) = 7, 9 (Don't know or refused)]
READ: Since you are not sure if {child's name} has asthma now, your interview will probably last about 10
minutes.

[Go to section 3]

TERMINATE:

Upon survey termination, READ:

I'm sorry {child's name} does not qualify for this study. I'd like to thank you on behalf of the {STATE} Health Department and the Centers for Disease Control and Prevention for answering these questions. If you have any questions about this survey, you may call my supervisor toll-free at [1–800-xxx-xxxx}. If you have questions about your rights as a survey participant, you may call the chairman of the Institutional Review Board at [1 800 xxx-xxxx]. Thanks again. Goodbye. Section 3: Recent History

Question Number	Question text	Variable names	Responses (DO NOT READ UNLESS OTHERWISE NOTED)	SKIP INFO/ CATI Note	Interviewer Note (s)
Section 3 (Recent History) Q3.1	How old was {child's name} when a doctor or other health professional first said {he/she} had asthma	AGEDX	(ENTER AGE IN YEARS) (777) DON'T KNOW (888) Under 1 year old (999) REFUSED	[RANGE CHECK: IS 001-018, 777, 888, 999] [CATI CHECK: IF RESPONSE = 77, 99, 88 VERIFY THAT 777, 888, 999 WERE NOT THE INTENT]	[INTERVIEWER: ENTER 888 IF LESS THAN ONE YEARS OLD
Q3.2	How long ago was that? Was it	INCIDNT	 (1) Within the past 12 months (2) 1-5 years ago (3) more than 5 years ago (7) DON'T KNOW (9) REFUSED 		
Q3.3	How long has it been since you last talked to a doctor or other health professional about {child's name} asthma? This could have been in a doctor's office, the hospital, an emergency room or urgent care center.	LAST_MD	(88) NEVER (04) WITHIN THE PAST YEAR (05) 1 YEAR TO LESS THAN 3 YEARS AGO (06) 3 YEARS TO 5 YEARS AGO (07) MORE THAN 5 YEARS AGO (77) DON'T KNOW (99) REFUSED		[INTERVIEWER: READRESPONS E OPTIONS IF NECESSARY]
Q3.4	How long has it been since {he/she} last took asthma medication?	LAST_MED	(88) NEVER (01) LESS THAN ONE DAY AGO (02) 1-6 DAYS AGO (03) 1 WEEK TO LESS THAN 3 MONTHS AGO (04) 3 MONTHS TO LESS THAN 1 YEAR AGO (05) 1 YEAR TO LESS THAN 3 YEARS AGO (06) 3 YEARS TO 5 YEARS AGO (07) MORE THAN 5 YEARS AGO		[INTERVIEWER: READ RESPONSE OPTIONS IF NECESSARY]

Section 4: History of Asthma (Symptoms & Episodes in past year)

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Section 4. History of Asthma (Symptoms & Episodes in the past year		IF LASTSYMP IF LASTSYMP	IF LASTSYMP (3.5) = 1, 2, 3 then continue IF LASTSYMP (3.5) = 4 SKIP TO EPIS_INT (between 4.4 and 4.5) IF LASTSYMP (3.5) = 88, 5, 6, 7 SKIP TO INS1 (Section 5) IF LASTSYMP (3.5) = 77, 99 then continue			
Question Number	Question text	Variable names	Responses (DO NOT READ UNLESS OTHERWISE NOTED)	SKIP INFO/ CATI Note	Interviewer Note (s)	
Q4.1	During the past 30 days, on how many days did {child's name} have any symptoms of asthma?	SYMP_30D	<pre>DAYSDAYS (88) NO SYMPTOMS IN THE PAST 30 DAYS (30) EVERY DAY (30) EVERY DAY (77) DON'T KNOW (99) REFUSED</pre>	[SKIP TO EPIS_INT] [CONTINUE] [SKIP TO ASLEEP30 (4.3)] [SKIP TO ASLEEP30 (4.3)]	[RANGE CHECK: (01-30, 77, 88, 99)] CLARIFICATION : [1-29, 77, 99]	
Q4.2	Does { he/she } have symptoms all the time? "All the time" means symptoms that continue throughout the day. It does not mean symptoms for a little while each day.	DUR_30D	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 			
Q4.3	During the past 30 days, on how many days did symptoms of asthma make it difficult for { him/her } to stay asleep?	ASLEEP30	DAYS/NIGHTS (88) NONE (30) Every day (77) DON'T KNOW (99) REFUSED		[RANGE CHECK: (01-30, 77, 88, 99)]	
Q4.4	During the past two weeks, on how many days was {child's	SYMPFREE	Number of days (88) NONE (77) DON'T KNOW (99) REFUSED		[RANGE CHECK: (01-14, 77, 88, 99)]	

Section 5. Health Care Utilization

Question Number	Question text	Variable names	Responses (DO NOT READ UNLESS OTHERWISE NOTED)	SKIP INFO/ CATI Note	Interviewer Note (s)
Section 5 (Health Care Utilization) Q5.1	Does {child's name} have any kind of health care coverage, including health insurance, prepaid plans such as HMOs, or	IN51	(1) YES (2) NO (7) DON'T KNOW	[SKIP TO FLU_SHOT (5.4)] [SKIP TO FLU_SHOT (5.4)]	
	government plans such as Medicare or Medicaid?	n as or	(9) REFUSED	[SKIP TO FLU_SHOT (5.4)]	
Q5.2	What kind of health care coverage does {he/she} have? Is it paid for through the parent's employer, or is it Medicaid, Medicare, Children's Health Insurance Program (CHIP), or some other type of insurance?	INS_TYP	 (1) parent's employer (2) medicaid/medicare (3) CHIP {replace with state specific name} (4) Other (7) DON'T KNOW (9) REFUSED 		[READ RESPONSE OPTIONS IF NECESSARY]

Q5.3	During the past 12 months was there any time that {he/she} did not have any health insurance or coverage?	INS2	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 		
Q5.4	A flu shot is an influenza vaccine injected in your arm. During the past 12 months, did {CHILD'S NAME} have a flu shot?	FLU_SHOT	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED		
Q5.5	A flu vaccine that is sprayed in the nose is called FluMistTM. During the past 12 months, did {he/she} have a flu vaccine that was sprayed in {his/her} nose?	FLU_SPRAY	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED		
CATI notes:	The best-know below. It can b (CASTHNO2) of survey. If the responde answered BRFS used.	n value for whe e the previously r the answer to ent confirms in t S module value	poes the child still have ther or not the child "s answered BRFSS child CUR_ASTH (2.2) if this he "Informed Consent' is correct, then the val ee with the previous Bl	till has asthma" is used hood prevalence modu question is asked in this ' question that the prev lue from the BRFSS (CA	ile value s call back viously STHNO2) is

	of Section 2 an	d REPEAT (2.0) =	= 1 (Yes), then the value	e of CUR_ASTH (2.2) is	used.	
	SKIP INSTRUCTION:					
	If "Does the child still have asthma?" = 1 (Yes), {using BRFSS CASTHNO2 or (CUR_ASTH (2.2) if REPEAT (2.0) =1)}, continue to Section 5.					
		(2.2) if REPEAT (AND [(LAST_MI		or 9 (Refused) {using E	BRFSS CASTHNO2	
	THEN C	(LASTSYM CONTINUE WITH	P = 1, 2, 3 or 4)] I SECTION 5			
	If "Does the child still have asthma?" = 2 (No), 7 (DK), or 9 (Refused), {using BRFSS CASTHNO2 or (CUR_ASTH (2.2) if REPEAT (2.0) =1)} AND (LAST_MD (3.3) = 88 (Never) or 05, 06, 07, 77 or 99) AND (LAST_MED (3.4) = 88 (Never) or 05, 06, 07, 77 or 99) AND (LASTSYMP (3.5) = 88 (Never) or 05, 06, 07, 77 or 99) THEN SKIP TO Section 6.				BRFSS	
Q5.6	During just the past 30 days, would you say {child's name} limited {his/her} usual activities due to asthma not at all, a little, a moderate amount, or a lot?	ACT_DAYS30	 (1) NOT AT ALL (2) A LITTLE (3) A MODERATE AMOUNT (4) A LOT (7) DON'T KNOW (9) REFUSED 			
Q5.7	During the past 12 months how many times did {he/she} see a doctor or other health professional for a routine checkup for	NER_TIME	ENTER NUMBER (888) NONE (777) DON'T KNOW (999) REFUSED	<pre>{IF LAST_MD= 88, 05, 06, 07 (have not seen a doctor in the past 12 months); SKIP to COORDIN (5.14)} {RANGE CHECK: (001-365, 777, 888, 999)] {Verify any value >50]</pre>	{RANGE CHECK: (001- 365, 777, 888, 999)] {Verify any value >50]	

{his/her} asthma?				
			RESPONSE = 77, 88, 99 VERIFY THAT 777, 888, AND 999 WERE NOT THE INTENT]	
An urgent care center treats people with illnesses	ER_VISIT	(1) YES		
or injuries that must be addressed		(2) NO	[SKIP TO URG_TIME (5.10)]	
and cannot wait for a regular medical		(7) DON'T KNOW	[SKIP TO URG_TIME (5.10)]	
appointment. During the past 12 months, has {child's name} had to visit an emergency room or urgent care center because of {his/her} asthma?		(9) REFUSED	[SKIP TO URG_TIME (5.10)]	
During the past 12 months, how many times did {he/she} visit an emergency room or urgent care center because of [his/her] asthma?	ER_TIMES	ENTER NUMBER (888) ZERO [LOOPING BACK TO CORRECT ER_VISIT (5.8) TO "NO"] (777) DON'T KNOW (999) REFUSED	[RANGE CHECK: (001-365, 777, 999)] [Verify any entry >50] [CATI CHECK: IF RESPONSE = 77, 99 VERIFY THAT 777 AND 999 WERE NOT THE INTENT] [CATI CHECK: IF ER_VISIT (5.8) =1 (YES) AND	[RANGE CHECK: (001- 365, 777, 999)] [Verify any entry >50] [HELP SCREEN: An urgent care center treats people with illnesses or injuries that must be addressed
	asthma? An urgent care center treats people with illnesses or injuries that must be addressed immediately and cannot wait for a regular medical appointment. During the past 12 months, has {child's name} had to visit an emergency room or urgent care center because of {his/her} asthma? During the past 12 months, how many times did {he/she} visit an emergency room or urgent care center because of {his/her} asthma?	asthma?asthma?An urgent care center treats people with illnesses or injuries that must be addressed immediately and cannot wait for a regular medical appointment. During the past 12 months, has {child's name} had to visit an emergency room or urgent care center because of {his/her} asthma?ER_VISITDuring the past 12 months, has {child's name} had to visit an emergency room or urgent care center because of {his/her} asthma?ER_TIMES	asthma?Last and the second	asthma?Image: set in the set i

Q5.10	(If ER_VISIT (5.8) = 1 (Yes), INSERT "Besides those emergency room or urgent care center visits," During the past 12 months, how many times did {child's name}? see a doctor or other health professional for urgent treatment of worsening asthma symptoms or an asthma episode or attack?	URG_TIME	E vear ago and longer)	"NONE" OR "ZERO" TO ER_TIMES (5.9) ALLOW LOOPING BACK TO CORRECT ER_VISIT (5.8) TO "2, NO"] [RANGE CHECK: (001-365, 777, 888, 999)] [Verify any entry >50] [CATI CHECK: IF RESPONSE = 77, 88, 99 VERIFY THAT 777, 888 AND 999 WERE NOT THE INTENT] [HELP SCREEN: An urgent care center treats people with illnesses or injuries that must be addressed immediately and cannot wait for a regular medical appointment.]	and cannot wait for a regular medical appointment.] [RANGE CHECK: (001- 365, 777, 888, 999)] [Verify any entry >50] [HELP SCREEN: An urgent care center treats people with illnesses or injuries that must be addressed immediately and cannot wait for a regular medical appointment.]
SKIP INSTRUCTION	lif lastsymp ≥		e year ago and longer), IP=88 (NEVER), SKIP TC		
Q5.11	During the past 12 months, that is since [1 YEAR AGO TODAY], has {child's name} had to stay	HOSP_VST	(1) YES (2) NO	[SKIP TO COORDIN (5.14)]	

	overnight in a hospital because of {his/her} asthma? Do not include an overnight stay in the emergency room.		(7) DON'T KNOW (9) REFUSED	[SKIP TO COORDIN (5.14)] [SKIP TO COORDIN (5.14)]	
Q5.12	During the past 12 months, how many different times did {he/she} stay in any hospital overnight or longer because of {his/her} asthma?	HOSPTIME	TIMES (777) DON'T KNOW (999) REFUSED	[RANGE CHECK: (001-365, 777, 999)] [Verify any entry >50] [CATI CHECK: IF RESPONSE = 77, 99 VERIFY THAT 777 AND 999 WERE NOT THE INTENT] [CATI CHECK: IF RESPONSE TO 5.11 IS "YES" AND RESPONDENT SAYS NONE OR ZERO TO 5.12, ALLOW LOOPING BACK TO CORRECT 5.11 TO "NO"]	[RANGE CHECK: (001- 365, 777, 999)] [Verify any entry >50]
Q5.13	The last time {he/she} left the hospital, did a health professional TALK with you or {child's name} about how to prevent serious attacks in the future?	HOSPPLAN	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED	[HELP SCREEN: Health professional includes doctors, nurses, physician assistants, nurse practitioners, and health educators. This should not be coded yes if the respondent only received a pamphlet or instructions to view a website or video since the question clearly states "talk with you"].	[HELP SCREEN: Health professional includes doctors, nurses, physician assistants, nurse practitioners, and health educators. This should not be coded yes if the respondent only received a pamphlet or instructions to

				view a website or video since the question clearly states "talk with you"].
Q5.14	Does anyone help you arrange or coordinate {child's name}'s asthma care among the different doctors or services that [he/she] uses?	COORDIN	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED	READ IF NECESSARY: By "arrange or coordinate," I mean: Is there anyone who helps you make sure that {child's name} gets all the health care and services [he/she] needs, that health care providers share information, and that these services fit together and are paid for in a way that works for you?

Section 6. Knowledge of Asthma/Management Plan

Section 6. Knowledge Asthma/Ma	of anagement Plan	CATI: [HELP SCREEN: Health professional includes doctors, nurses, physician assistants, nurse practitioners, and health educators]			
	-	Interview notes: [HELP SCREEN: Health professional includes doctors, nurses, physician assistants, nurse practitioners, and health educators]			
Question Number	Question text	Variable names	Responses (DO NOT READ UNLESS OTHERWISE NOTED)	SKIP INFO/ CATI Note	Interviewer Note (s)

Q6.1	Has a doctor or other health professional ever taught you or {child's name}: How to recognize early signs or symptoms of an asthma episode?	TCH_SIGN	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	
Q6.2	Has a doctor or other health professional ever taught you or {child's name}: What to do during an asthma episode or attack?	TCH_RESP	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	
Q6.3	A peak flow meter is a hand- held device that measures how quickly you can blow air out of your lungs. Has a doctor or other health professional ever taught you or {child's name}: How to use a peak flow meter to adjust his/her daily medication?	TCH_MON	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	
Q6.4	An asthma action plan, or asthma management plan, is a form with instructions about when to change the	MGT_PLAN	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	

	amount or type of medicine, when to call the doctor for advice, and when to go to the emergency room. Has a doctor or			
	other health professional EVER given you or {child's name}: an asthma action plan?			
Q6.5	Have you or {child's name} ever taken a course or class on how to manage [his/her] asthma?	MGT_CLAS	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	

Section 7. Modifications to Environment

Section 7.	CATI: The followin	a questions are a	bout (child's name) be	ucohold and living	anvironment I	
	CATI: The following questions are about {child's name} household and living environment. I will be asking about various things that may be related to experiencing symptoms of asthma.					
Modifications	will be asking abo	ut various things	that may be related to	experiencing sym	ptoms of asthma.	
to						
Environment		II be asking about	stions are about {child : various things that ma	-	•	
Question	Question text	Variable	Responses	SKIP INFO/	Interviewer Note	
Number		names	(DO NOT READ	CATI Note	(s)	
			UNLESS			
			OTHERWISE			
			NOTED)			
Q7.1	An air cleaner or	AIRCLEANER	(1) YES			
	air purifier can		(2) NO			
	filter out					
	pollutants like		(7) DON'T KNOW			
	dust, pollen,		(9) REFUSED			
	mold and					
	chemicals. It					
	can be attached					
	to the furnace					
	or free standing.					

	It is not, however, the same as a normal furnace filter. Is an air cleaner or purifier regularly used inside {child's name}? home?			
Q7.2	A dehumidifier is a small, portable appliance which removes moisture from the air. Is a dehumidifier regularly used to reduce moisture inside [his/her} home?	DEHUMID	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED	
Q7.3	Is an exhaust fan that vents to the outside used regularly when cooking in the kitchen in {his/her} home?	KITC_FAN	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	
Q7.4	Is gas used for cooking in [his/her} home?	COOK_GAS	 (1) Yes (2) NO (7) DON'T KNOW (9) REFUSED 	
Q7.5	In the past 30 days, has anyone seen or smelled mold or a musty odor inside in [his/her} home? Do not include mold on food.	ENV_MOLD	(1) YES(2) NO(7) DON'T KNOW(9) REFUSED	

Q7.6	Does {child's name} home have pets such as dogs, cats, hamsters, birds or other	ENV_PETS	(1) YES (2) NO (7) DON'T KNOW	[SKIP TO C_ROACH (7.8)] [SKIP TO	-
	feathered or furry pets that spend time indoors?		(9) REFUSED	[SKIP TO C_ROACH (7.8)] [SKIP TO C_ROACH (7.8)]	
Q7.7	Is the pet allowed in [his/her} bedroom?	PETBEDRM	 (1) YES (2) NO (3) SOME ARE/SOME AREN'T (7) DON'T KNOW (9) REFUSED 	[SKIP THIS QUESTION IF ENV_PETS = 2, 7, 9]	
Q7.8	In the past 30 days, has anyone seen cockroaches inside {child's name}? home?	C_ROACH	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 		[HELP SCREEN: Studies have shown that cockroaches may be a cause of asthma. Cockroach droppings and carcasses can also cause symptoms of asthma.]
Q7.9	In the past 30 days, has anyone seen mice or rats inside [his/her} home? Do not include mice or rats kept as pets.	C_RODENT	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 		[HELP SCREEN: Studies have shown that rodents may be a cause of asthma.]
Q7.10	Is a wood burning fireplace or wood burning stove used in {child's name}?	WOOD_STOVE	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 		[HELP SCREEN: OCCASIONAL USE SHOULD BE CODED AS "YES".]

	home?			
Q7.11	Are unvented gas logs, unvented gas fireplaces, or unvented gas stoves used in [his/her} home?	GAS_STOVE	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	[HELP SCREEN: "Unvented" means no chimney or the chimney flue is kept closed during operation.]
Q7.12	In the past week, has anyone smoked inside [his/her} home?	S_INSIDE	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	HELP SCREEN: "The intent of this question is to measure smoke resulting from tobacco products (cigarettes, cigars, pipes) or illicit drugs (cannabis, marijuana) delivered by smoking (inhaling intentionally). Do not include things like smoke from incense, candles, or fireplaces, etc."
Q7.13	Has a health professional ever advised you to change things in [his/her] home, school, or work to improve his/her asthma?	MOD_ENV	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	INTERVIEWER READ: Now, back to questions specifically about {child's name} [HELP SCREEN: Health professional includes doctors, nurses, physician assistants, nurse practitioners, and health educators]
Q7.14	Does {he/she} use a mattress	MATTRESS	(1) YES (2) NO	[INTERVIEWER read if necessary:

	cover that is made especially for controlling dust mites?		(7) DON'T KNOW (9) REFUSED	This does not include normal mattress covers used for padding or sanitation (wetting). These covers are for the purpose of controlling allergens (like dust mites) from inhabiting the mattress. They are made of special fabric, entirely enclose the mattress, and have zippers.]
Q7.15	Does {he/she} use a pillow cover that is made especially for controlling dust mites?	E_PILLOW	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	[INTERVIEWER read if necessary: This does not include normal pillow covers used for fabric protection. These covers are for the purpose of controlling allergens (like dust mites) from inhabiting the pillow. They are made of special fabric, entirely enclose the pillow, and have zippers.]
Q7.16	Does {child's name} have carpeting or rugs in [his/her} bedroom? This does not include throw rugs small enough to be laundered.	CARPET	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED	

Q7.17	Are [his/her} sheets and pillowcases washed in cold, warm, or hot water?	HOTWATER	 (1) COLD (2) WARM (3) HOT (4) VARIES (7) DON'T KNOW (9) REFUSED 	
Q7.18	In {child's name} bathroom, does {he/she} regularly use an exhaust fan that vents to the outside?	BATH_FAN	 (1) YES (2) NO OR "NO FAN" (7) DON'T KNOW (9) REFUSED 	[HELP SCREEN: IF RESPONDENT INDICATES THEY HAVE MORE THAN ONE BATHROOM, THIS QUESTION REFERS TO THE BATHROOM THE CHILD USES MOST FREQUENTLY FOR SHOWERING AND BATHING.]

Section 8. Medications

Section 8. Medications	[IF LAST_MED = 88 (NEVER), SKIP TO SECTION 9. ELSE, CONTINUE.]				
		•	bout medications for e very specific to {child		•
Question Number	Question text	Variable names	Responses (DO NOT READ UNLESS OTHERWISE NOTED)		Interviewer Note (s)
Q8.1	Over-the-counter medication can be bought without a doctor's order. Has {child's name} ever used over- the-counter medication for {his/her} asthma?	OTC	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED		
Q8.2	Has [he/she} ever	INHALERE	(1) YES		

	used a prescription inhaler?		(2) NO (7) DON'T KNOW	[SKIP TO SCR_MED1 (8.5)] [SKIP TO SCR_MED1 (8.5)]	-
			(9) REFUSED	[SKIP TO SCR_MED1 (8.5)]	
Q8.3	Did a health professional show {him/her} how to use the inhaler?	INHALERH	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED		[HELP SCREEN: Health professional includes doctors, nurses, physician assistants, nurse practitioners, and health educators]
Q8.4	Did a doctor or other health professional watch {him/her} use the inhaler?	INHALERW	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED		
[IF LAST_MED	= 4, 5, 6, 7, 77, or 99, 9	SKIP TO SECTION	N 9]		
Q8.5	Now I am going to ask questions about specific prescription medications {child's name} may have taken for	SCR_MED1	(1) YES		
	asthma in the past 3 months. I will be asking for the names, amount, and how often [he/she} takes		(2) NO	[SKIP TO INH_SCR (8.8)]	
	each medicine. I will ask separately about medication taken in various forms: pill or syrup, inhaler, and		(3) RESPONDENT KNOWS THE MEDS	[SKIP TO INH_SCR (8.8)]	

	Nebulizer. It will help to get {child's name} medicines so you can read the labels. Can you please go get the asthma medicines while I wait on the phone?		(7) DON'T KNOW (9) REFUSED	[SKIP TO INH_SCR (8.8)] [SKIP TO INH_SCR (8.8)]	
Q8.7	[when Respondent returns to phone:] Do you have all the medications?	SCR_MED3	 (1) YES I HAVE ALL THE MEDICATIONS (2) YES I HAVE SOME OF THE MEDICATIONS BUT NOT ALL (3) NO (7) DON'T KNOW (9) REFUSED 		[INTERVIEWER: Read if necessary]
Q8.8	In the past 3 months has {child's name}? taken prescription asthma medicine using an inhaler?	INH_SCR	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	[SKIP TO PILLS (8.20)] [SKIP TO PILLS (8.20)] [SKIP TO PILLS (8.20)]	-
Inhalers	medication can only When 66 (Other) is a asked for that respo [INTERVIEWER: IF N MEDICATION.] CATI Note: Please u	be used once. selected as a res nse. ECESSARY, ASK	ndent can choose up ponse, questions ILP(THE RESPONDENT TO NHALER series name. stem if possible so the	03 (8.13) to ILP10 (8 SPELL THE NAME O The top ten items (.19) are not F THE in bold below)

Q8.9	In the past 3 months, what prescription asthma medications did {he/she} take by inhaler? [MARK ALL THAT APPLY. PROBE: Any other prescription asthma inhaler medications?]	INH_MEDS	(66) Other [Please Specify, 100 character limit]	[SKIP TO OTH_I1]	[IF RESPONDENT SELECTS ANY ANSWER <66, SKIP TO ILP03]
			(88) NO PRESCRIPTION INHALERS	[SKIP TO PILLS (8.20)]	
			(77) DON'T KNOW (99) REFUSED	[SKIP TO PILLS (8.20)] [SKIP TO PILLS (8.20)]	
CATI NOTES	the medication nam then an error messa	es above was no ge should be sh	t for 66 (other) shoul ot entered. If the mea own. administer questions	dication entered is o	on the list above,
Notes	each medicine 01-52	L reported in INI	H_MEDS, but not for	66 (other)].	
Q8.10	ENTER OTHER MEDICATION FROM INH_MEDS(8.9) IN TEXT FIELD. IF MORE THAN ONE MEDICATION IS GIVEN, ENTER ALL MEDICATIONS ON ONE LINE. 100 alphanumeric character limit	OTH_I1			

Inhaler table

	Medication	Pronunciation
1	Advair (+ A. Diskus)	ăd-vâr (or add-vair)
2	Aerobid	â- rō 'bĭd (or air -row-bid)
3	Albuterol (+ A. sulfate or salbutamol)	ăl' -bu 'ter-ōl (or al- BYOO- ter-ole) săl- byū'tə-môl'
4	Alupent	al- u-pent
43	Alvesco (+ <u>Ciclesonide</u>)	al-ves-co
49	Anoro Ellipta (Umeclidinium and vilanterol)	a-nor' oh e-LIP-ta
40	Asmanex (twisthaler)	as-muh-neks twist-hey-ler
5	Atrovent	At-ro-vent

6	Azmacort	az-ma-cort
7	Beclomethasone dipropionate	bek"lo- meth 'ah-son dī' pro' pe-o-nāt (or be-kloe- meth -a-sone)
8	Beclovent	be' klo-vent" (or be- klo-vent)
9	Bitolterol	bi-tōl'ter-ōl (or bye- tole -ter-ole)
45	Breo Ellipta (Fluticasone and vilanterol)	BRE-oh e-LIP-ta
11	Budesonide	byoo- des -oh-nide
12	Combivent	com-bi-vent
13	Cromolyn	kro'mŏ-lin (or KROE-moe-lin)
44	Dulera	do-lair-a
14	Flovent	flow-vent
15	Flovent Rotadisk	flow-vent row-ta-disk
16	Flunisolide	floo- nis 'o-līd (or floo- NISS -oh-lide)
17	Fluticasone	flue- TICK- uh-zone
34	Foradil	FOUR-a-dil
35	Formoterol	for moh' te rol
48	Incruse Ellipta (Umeclidium inhaler powder)	IN-cruise e-LIP-ta
19	Ipratropium Bromide	ĭp-rah- tro 'pe-um bro'mīd (or ip-ra- TROE -pee-um)
37	Levalbuterol tartrate	lev-al-BYOU-ter-ohl
20	Maxair	măk -sâr
21	<u>Metaproteronol</u>	met"ah-pro- ter 'ĕ-nōl (or met-a-proe- TER -e-nole)
39	Mometasone furoate	moe-MET-a-sone
22	Nedocromil	ne-DOK-roe-mil
23	<u>Pirbuterol</u>	pēr- bu 'ter-ōl (or peer- BYOO- ter-ole)
41	Pro-Air HFA	proh-air HFA
24	Proventil	pro" ven- til' (or pro- vent- il)
25	Pulmicort Flexhaler	pul-ma-cort flex-hail-er
36	QVAR	q -vâr (or q-vair)
3	<u>Salbutamol (or Albuterol)</u>	săl-byū'tə-môl'
26	<u>Salmetero</u> l	sal-ME-te-role
27	Serevent	Sair-a-vent
46	<u>Spiriva HandiHaler or Respimat (Tiotropium bromide)</u>	speh REE vah - RES peh mat
51	Stiolto Respimat (tiotropium bromide & olodaterol)	sti-OL-to– RES peh mat
42	Symbicort	sim -b <i>uh</i> -kohrt
28	<u>Terbutaline (+ T. sulfate)</u>	ter- bu 'tah-lēn (or ter- BYOO -ta-leen)
30	Tornalate	tor-na-late
50	Trelegy Ellipta ((fluticasone furoate, umeclidinium & vilanterol)	TREL-e-gee e-LIP-ta
31	Triamcinolone acetonide	tri"am- sin 'o-lōn as"ĕ-tō-nīd' (or trye- am- SIN -oh-lone)
47	Tudorza Pressair	TU-door-za PRESS-air
32	Vanceril	van-sir-il
33	Ventolin	vent-o-lin
38	Xopenex HFA	ZOH-pen-ecks
66	Other, Please Specify	[SKIP TO OTH_I1], 100 alphanumeric character limit

CATI NOTE:	[For medicines from [MEDICINE FROM INH_MEDS SERIES], ask questions ILP03 (8.13) through ILP10 (8.19)]				
	SKIP to ILPO4 (8.14) if [MEDICINE FROM INH_MEDS SERIES] is (1, 15, 20, 25, 27, 34, 39, 40, 42) ADVAIR (01) or FLOVENT ROTADISK (15) or MAXAIR (20) or PULMICORT (25) or SEREVENT (27) or FORADIL (34) or MOMETASONE FUROATE (39) or ASMANEX (40) or SYMBICORT (42) SKIP TO ILPO4 (8.14)				
	[HELP SCREEN: A spacer is a device that attaches to a metered dose inhaler. It holds the medicine in its chamber long enough for you to inhale it in one or two slow, deep breaths. The spacer makes it easy to take the medicines the right way.]				
	primarily intended for are known to come	or medications I in disk or breath ay come on the	ory 3 (disk or dry powo Beclomethosone (7), I n-activated inhalers (w market that might fit ell.]	eclovent (08) or Q\ الما hich do not use a s	/AR (36), which pacer). However,
Q8.13	A spacer is a small attachment for an inhaler that makes it easier to use. Does {he/she} use a spacer with [MEDICINE FROM INH_MEDS SERIES]?	ILPO3	 (1) YES (2) NO (3) Medication is a dry powder inhaler or disk inhaler, not a canister inhaler (4) Medication has a built-in spacer/does not need a spacer (7) DON'T KNOW (9) REFUSED 		
Q8.14	In the past 3 months, did {child's name} take [MEDICINE FROM INH_MEDS (8.9) SERIES] when {he/she} had an asthma episode or	ILP04	 (1) YES (2) NO (3) NO ATTACK IN PAST 3 MONTHS (7) DON'T KNOW (9) REFUSED 		

	attack?				
Q8.15	In the past 3 months, did {he/she} take [MEDICINE FROM INH_MEDS SERIES] before exercising?	ILP05	 (1) YES (2) NO (3) DIDN'T EXERCISE IN PAST 3 MONTHS (7) DON'T KNOW (9) REFUSED 		
Q8.16	In the past 3 months, did [he/she} take [MEDICINE FROM INH_MEDS (8.9) SERIES] on a regular schedule everyday?	ILP06	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 		
Q8.18	How many times per day or per week did [he/she} use [MEDICINE FROM INH_MEDS SERIES]?	ILP08	3 Times per DAY 4 Times per WEEK 5 5 5 Never 6 6 6 LESS OFTEN THAN ONCE A WEEK 7 7 7 Don't know / Not sure 9 9 9 Refused	[RANGE CHECK: (>10)] [RANGE CHECK: (>75)] [RANGE CHECK: 301-399, 401- 499, 555, 666, 777, 999]	
CATI NOTES	[ASK ILP10 ONLY IF I SKIP TO PILLS (8.20)]		ł, 9, 10, 20, 21, 23, 24	, 28, 30, 33, 37, 38,	41 OTHERWISE
Q8.19	How many canisters of [MEDICINE FROM INH_MEDS (8.9) SERIES] has {child's name} used in the past 3 months?	ILP10	CANISTERS (77) DON'T KNOW (88) NONE (99) REFUSED	[RANGE CHECK: (01-76, 77, 88, 99)] [HELP SCREEN: IF RESPONDENT INDICATES THAT <child> HAS MULTIPLE CANISTERS, (I.E., ONE IN THE CAR, ONE AT SCHOOL, ETC.) ASK THE RESPONDENT</child>	[INTERVIEWER: IF RESPONDENT USED LESS THAN ONE FULL CANISTER IN THE PAST THREE MONTHS, CODE IT AS '88']

	<pre>{child's name} take in pill form? [MARK ALL THAT APPLY. PROBE: Any other PRESCRIPTION asthma pills?]</pre>		[Please Specify, 100 character limit] (88) NO PILLS (77) DON'T KNOW	OTH_P1] [SKIP TO SYRUP (8.24)] [SKIP TO SYRUP (8.24)]	
Q8.21	What PRESCRIPTION asthma medications does	PILLS_MD	 (66) Other	[SKIP TO	
Pill	medication can only data file). [INTERVIEWER: IF NI MEDICATION.] [IF RESPONDENT SEL Note: The top 10 ite they can be found m	be used once (i ECESSARY, ASK T ECTS ANY ANSV ms (in bold belo ore easily.	nt can chose up to five n the past, errors suc THE RESPONDENT TO VER FROM 01-49, SKI w) should be highligh	h as 232723 were su SPELL THE NAME O P TO PILL01]	ubmitted in the F THE
Q8.20	In the past 3 months, have you taken any PRESCRIPTION medicine in pill form for your asthma?	PILLS	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	[SKIP TO SYRUP (8.23)] [SKIP TO SYRUP (8.23)] [SKIP TO SYRUP (8.23)]	
				TO ESTIMATE HOW MANY FULL CANISTERS HE/SHE USED. THE INTENT IS TO ESTIMATE HOW MUCH MEDICATION WAS CONSUMEDIS USED, NOT HOW MANY DIFFERNT INHALERS WAS USED.]	

			(99) REFUSED	[SKIP TO SYRUP (8.24)]	
CATI NOTES	CATI programmers note that the text for 66 (other) should be checked to make sure one of the medication names above was not entered. If the medication entered is on the list above, then an error message should be shown.				
Interview notes	[REPEAT QUESTION NOT FOR 66 (OTHER		SSARY FOR EACH PILL	01-49 REPORTED IN	I PILLS_MD, BUT
Q8.21a	ENTER OTHER MEDICATION IN TEXT FIELD. IF MORE THAN ONE MEDICATION IS GIVEN, ENTER ALL MEDICATIONS ON ONE LINE. 100 ALPHANUMERIC CHARACTER LIMIT FOR 66	OTH_P1			

PILL table

	Medication	Pronunciation
1	Accolate	ac-o-late
2	Aerolate	air-o-late
3	Albuterol	ăl'- bu 'ter-ōl (or al- BYOO- ter-all)
4	Alupent	al-u-pent
49	Brethine	breth-een
5	Choledyl (oxtriphylline)	ko-led-il
7	Deltasone	del-ta-sone
8	Elixophyllin	e-licks -o- fil-in
11	Medrol	Med-rol
12	Metaprel	Met-a-prell
13	<u>Metaproteronol</u>	met"ah-pro- ter 'ĕ-nōl (or met-a-proe- TER -e- nole)
14	Methylpredinisolone	meth-ill-pred- niss -oh-lone (or meth-il-pred- NIS-oh-lone)
15	<u>Montelukast</u>	mont-e-lu-cast
17	Pediapred	Pee- dee- a-pred
18	Prednisolone	pred-NISS-oh-lone
19	Prednisone	PRED-ni-sone
21	Proventil	pro-ven-til

23	Respid	res-pid
24	Singulair	sing-u-lair
26	Slo-bid	slow-bid
25	Slo-phyllin	slow- fil-in
48	Terbutaline (+ T. sulfate)	ter byoo' ta leen
28	Theo-24	thee-0-24
30	Theochron	thee -o-kron
31	Theoclear	thee-o-clear
32	Theodur	thee-o-dur
33	Theo-Dur	thee-o-dur
35	<u>Theophylline</u>	thee- OFF -i-lin
37	Theospan	thee-o-span
40	T-Phyl	t-fil
42	Uniphyl	u-ni-fil
43	Ventolin	vent-o-lin
44	Volmax	vole-max
45	Zafirlukast	za- FIR -loo-kast
46	Zileuton	zye- loo -ton
47	Zyflo Filmtab	zye-flow film tab

CATI notes	For medicines from [MEDICATION LISTED IN PILLS_MD], ask QUESTION PILL01]				
Q8.22	In the past 3 months, did {child's name}? take [MEDICATION LISTED IN PILLS_MD] on a regular schedule every day?	PILL01	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 		
Q8.23	In the past 3 months, has [he/she} taken prescription medicine in syrup form?	SYRUP	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	[SKIP TO NEB_SCR (8.25)] [SKIP TO NEB_SCR (8.25)] [SKIP TO NEB_SCR (8.25)]	
Syrup	For the following syrups the respondent can choose up to four medications; however, each medication can only be used once (in the past, errors such as 020202 were submitted in the data file). [INTERVIEWER: IF NECESSARY, ASK THE RESPONDENT TO SPELL THE NAME OF THE MEDICATION.]				

	[IF RESPONDENT SELECTS ANY ANSWER FROM 01-10, SKIP TO NEB_SCR]				
Q8.24	What PRESCRIPTION asthma medications has {child's name} taken as a syrup? [MARK ALL THAT APPLY. PROBE: Any other PRESCRIPTION syrup medications for asthma?]	SYRUP_ID	 (66) Other [Please Specify, 100 character limit] (88) NO SYRUPS (77) DON'T KNOW (99) REFUSED 	[SKIP TO OTH_S1] [SKIP TO NEB_SCR (8.25)] [SKIP TO NEB_SCR (8.25)]	
				NEB_SCR (8.25)]	
CATI Notes	CATI programmers note that the text for 66 (other) should be checked to make sure one of the medication names above was not entered. If the medication entered is on the list above, then an error message should be shown.				
Q8.24a	ENTER OTHER MEDICATION. IF MORE THAN ONE MEDICATION IS GIVEN, ENTER ALL MEDICATIONS ON ONE LINE. [100 ALPHANUMERIC CHARACTER LIMIT FOR 66]	OTH_S1			

Syrup table

	Medication	Pronunciation
1	Aerolate	air-o-late
2	<u>Albutero</u> l	ăl'- bu 'ter-ōl (or al-BYOO-ter-ole)
3	Alupent	al-u-pent
4	<u>Metaproteronol</u>	met"ah-pro- ter 'ĕ-nōl (or met-a-proe-TER-e-nole)

5	Prednisolone	pred-NISS-oh-lone
6	Prelone	pre-loan
7	Proventil	Pro-ven-til
8	Slo-Phyllin	slow-fil-in
9	<u>Theophyllin</u>	thee-OFF-i-lin
10	Ventolin	vent-o-lin
66	Other, Please Specify:	[SKIP TO OTH_S1]

Q8.25	Q8.25 A nebulizer is a small machine with a tube and facemask or mouthpiece that you breathe through continuously. In the past 3 months, were any of {child's name}'s	NEB_SCR	(1) YES		
			(2) NO	[SKIP TO Section 9]	
			(7) DON'T KNOW	[SKIP TO Section 9]	
	PRESCRIPTION asthma medicines used with a nebulizer?		(9) REFUSED	[SKIP TO Section 9]	
Q8.26	I am going to read a list of places where your child might have used a nebulizer. Please answer yes if your child has used a nebulizer in the place I mention, otherwise answer no. In the past 3 months did {child's name}? use a nebulizer	NEB_PLC	(8.26b) AT A DOCTO (1) YES (2) NO (8.26c) IN AN EMER (1) YES (2) NO (8.26d) AT WORK C (1) YES (2) NO (8.26e) AT ANY OTH (1) YES (2) NO	(7) DK (9) REF PR'S OFFICE (7) DK (9) REF GENCY ROOM (7) DK (9) REF PR AT SCHOOL (7) DK (9) REF HER PLACE (7) DK (9) REF	
Nebulizer	each medication ca the data file).	n only be used	espondent can choose once (in the past, erro THE RESPONDENT TO	ors such as 0101 wei	re submitted in

Q8.27	In the past 3 months, what prescription	NEB_ID			
	ASTHMA medications has {he/she} taken using a nebulizer? [MARK ALL THAT APPLY. PROBE: Has your child taken any other prescription ASTHMA medications with a nebulizer in the past 3 months?]		(66) Other [Please Specify, 100 character limit]	[SKIP TO OTH_N1]	
			(88) NONE	[SKIP TO Section 9]	
			(77) DON'T KNOW	[SKIP TO Section 9]	
			(99) REFUSED	[SKIP TO Section 9]	
CATI Notes	CATI programmers note that the text for 66 (other) should be checked to make sure one of the medication names above was not entered. If the medication entered is on the list above, then an error message should be shown.				
Interview Notes	[LOOP BACK TO NEB01 AS NECESSARY TO ADMINISTER QUESTIONS NEB01 THROUGH NEB03 FOR EACH MEDICINE 01 THROUGH 19 (NEB_01 to NEB_19) REPORTED IN NEB_ID, BUT NOT FOR 66 (OTHER)].				
Q8.27a	ENTER OTHER MEDICATION. IF MORE THAN ONE MEDICATION IS GIVEN, ENTER ALL MEDICATIONS ON ONE LINE. [100 ALPHANUMERIC CHARACTER LIMIT FOR 66]	OTH_N1			

Nebulizer table

	Medication	Pronunciation
1	<u>Albutero</u> l	ăl'- bu' ter-ōl (or al-BYOO-ter-ole)
2	Alupent	al-u-pent
3	Atrovent	At-ro-vent
4	Bitolterol	bi-tōl'ter-ōl (or bye- tole- ter-ole)
19	Brovana	brō vă nah
5	Budesonide	byoo- des -oh-nide

17	Combivent Inhalation solution	com- bi-vent
6	<u>Cromolyn</u>	kro'mŏ-lin (or KROE-moe-lin)
7	DuoNeb	DUE-ow-neb
8	Intal	in-tel
9	Ipratroprium bromide	ĭp-rah- tro 'pe-um bro'mīd (or ip-ra- TROE -pee-um)
10	<u>Levalbuterol</u>	lev al byoo' ter ol
11	<u>Metaproteronol</u>	met"ah-pro- ter' ĕ-nōl (or met-a-proe- TER-e-nole)
18	Perforomist (Formoterol)	per- form -ist
12	Proventil	Pro-ven-til
13	Pulmicort	pul-ma-cort
14	Tornalate	tor-na-late
15	Ventolin	vent-o-lin
16	Xopenex	ZOH-pen-ecks
66	Other, Please Specify:	[SKIP TO OTH_N1]

CATI notes	[For medicines from	m [MEDICATI	ON LISTED IN NEB_ID], ask questi	ions NEB01 to NEB03]
Q8.28	In the past 3 months, did {child's name} take [MEDICINE FROM NEB_ID SERIES] when {he/she} had an asthma episode or attack?	NEB01	 (1) YES (2) NO (3) NO ATTACK IN PAST 3 MONTHS (7) DON'T KNOW (9) REFUSED 	
Q8.29	In the past 3 months, did he/she take [MEDICINE FROM NEB_ID SERIES] on a regular schedule every day?	NEB02	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED	
Q8.30	How many times per day or per week does he/she use [MEDICINE FROM NEB_ID SERIES]?	NEB03	3DAYS 4WEEKS (555) NEVER (666) LESS OFTEN THAN ONCE A WEEK	

(777) DON'T KNOW / NOT SURE	
(999) REFUSED	

Section 9. Cost of Care

Section 9.	CATI:						
Cost of Care	 The best-known value for whether or not the child "still has asthma" is used in the skip below. It can be the previously answered BRFSS childhood prevalence module value (CASTHNO2) or the answer to CUR_ASTH (2.2) if this question is asked in this call back survey. 1. If the respondent confirms in the "Informed Consent" question that the previously answered 						
	BRFSS module value is correct, then the value from the BRFSS (CASTHNO2) is used. 2. If the respondent does not agree with the previous BRFSS (CASTHNO2) in "Informed Consent", then the question REPEAT (2.0) was asked (REPEAT = 1), then the value for CUR_ASTH (2.2) "Do you still have asthma?" is used.						
	CATI:						
	SKIP INSTRUCTION						
	If "Does the child still have asthma?" = 2 (No), 7 (DK), or 9 (Refused). {using BRFSS CASTHNO2 or (CUR_ASTH if repeat-=1)} AND						
	{(LAST_MD (3.3		05, 06, 07, 77 or 99) A				
			r 05, 06, 07, 77 or 99) r 05, 06, 07, 77 or 99)},		on 10·		
				·	·		
	If "Does the child still have asthma?" = 1 (Yes). {using BRFSS CASTHNO2 or (CUR_ASTH if repeat-=1)} continue to Section 9.						
	Other, continue with section 9						
Question Number	Question text	Variable names	Responses (DO NOT READ UNLESS OTHERWISE	SKIP INFO/ CATI Note	Interviewer Note (s)		

			NOTED)	
Q9.1	Was there a time in the past 12 months when {child's name} needed to see his/her primary care doctor for asthma but could not because of the cost?	ASMDCOST	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	
Q9.2	Was there a time in the past 12 months when you were referred to a specialist for {his/her} asthma care but could not go because of the cost?	ASSPCOST	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	
Q9.3	Was there a time in the past 12 months when {he/she} needed medication for {his/her} asthma but you could not buy it because of the cost?	ASRXCOST	 (1) YES (2) NO (7) DON'T KNOW (9) REFUSED 	

Section 10. School Related Asthma

Question Number	Question text	Variable names	Responses (DO NOT READ UNLESS OTHERWISE NOTED)	SKIP INFO/ CATI Note	Interviewer Note (s)
	interested in things that might affect {child's	SCH_STAT	(1) YES (2) NO	[SKIP TO SCHGRADE (10.4)]	
	name} asthma when {he/she} is not at home. Does {child's name} currently go to school or pre-school outside the home?	name} asthma when {he/she} is not at home. Does {child's name} currently go to school or pre-school outside the	(7) DON'T KNOW (9) REFUSED		
Q10.2	What is the main reason {he/she} is not now in school? READ RESPONSE CATEGORIES	NO_SCHL	 (1) NOT OLD ENOUGH (2) HOME SCHOOLED (3) UNABLE TO ATTEND FOR HEALTH REASONS (4) ON VACATION OR BREAK (5) OTHER 	[SKIP TO DAYCARE (10.10)] [SKIP TO SCHGRADE (10.4)]	-

			(7) DON'T KNOW			
			(9) REFUSED	-		
Q10.3	Has {child's	SCHL_12	(1) YES			
	name} gone to school in the past		(2) NO	[SKIP TO DAYCARE (10.10)]		
	12 months?		(7) DON'T KNOW	[SKIP TO DAYCARE (10.10)]		
			(9) REFUSED	[SKIP TO DAYCARE (10.10)]		
Q10.4	What grade was {he/she} in the last time {he/she} was in school? What grade is {he/she} in?	SCHGRADE	(88) PRE SCHOOL (66) KINDERGARDEN ENTER GRADE 1 TO 12	Ask if [IF SCHL_12 = 1] Ask if [IF SCH_STAT = 1 or		
			(77) DON'T KNOW (99) REFUSED	NO_SCHL = 2]		
	 "Does the child still have asthma?": the best-known value for whether or not the child "still has asthma" is used in the skip below. It can be the previously answered BRFSS childhood prevalence module value (CASTHNO2) or the answer to CUR_ASTH (2.2) if this question is asked in this call back survey. 1. If the respondent confirms in the "Informed Consent" question that the previously answered BRFSS module value is correct, then the value from the BRFSS (CASTHNO2) is used. 2. If the respondent does not agree with the previous BRFSS (CASTHNO2) in "Informed Consent" then the question REPEAT (2.0) was asked (REPEAT = 1) then the value for CUR_ASTH (2.2) "Do you still have asthma?" is used. 					
	<pre>SKIP INSTRUCTION: If "Does the child still have asthma?" = 2 (No), 7 (DK), or 9 (Refused). {using BRFSS CASTHNO2 or (CUR_ASTH if repeat-=1)} AND {(LAST_MD (3.3) = 88 (Never) or 05, 06, 07, 77 or 99) AND</pre>					
010 5	Other continue wi					
Q10.5	During the past 12 months, about how many days of school did {he/she} miss because of	MISS_SCHL	ENTER NUMBER DAYS	[3 NUMERIC- CHARACTER- FIELD, RANGE CHECK: (001-365, 777, 888, 999)] [Verify any entry >50]		
L			!			

	{his/her} asthma?		(888) ZERO (777) DON'T KNOW (999) REFUSED	[DISPLAY THE THREE POSSIBILITIES TO THE LEFT ON THE CATI SCREEN FOR THS QUESTION TO ASSIST THE INTERVIEWER] [CATI CHECK: IF RESPONSE = 77,	
				88, 99 VERIFY THAT 777, 888 AND 999 WERE NOT THE INTENT]	
SKIP INSTRUCTION S	[IF SCHL_12 (10.3)			TION 11] EXT FEW QUESTIONS	S ABOUT THE
Q10.6	Earlier I explained that an asthma action plan contains instructions about how to care for the child's asthma. Does {child's name} have a written asthma action plan or asthma management plan on file at school?	SCH_APL	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED		
Q10.7	Does the school {he/she} goes to allow children with asthma to carry their medication with them while at school?	SCH_MED	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED		

Q10.8	Are there any pets such as	SCH_ANML	(1) YES (2) NO			
	dogs, cats, hamsters, birds or other feathered or furry pets in {his/her} CLASSROOM?		(7) DON'T KNOW (9) REFUSED			
Q10.9	Are you aware of any mold problems in {child's name} school?	SCH_MOLD	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED			
	[IF CHILD AGE > 10	YEARS OR 131 MC	NTHS, SKIP TO SEC	CTION 11]		
Q10.10	Does {child's name} go to day care outside	DAYCARE	(1) YES	[SKIP TO MISS_DCAR (10.12)]		
	his/her home?		(2) NO		-	
			(7) DON'T KNOW	[SKIP TO SECTION 11]		
			(9) REFUSED	[SKIP TO SECTION 11]	-	
Q10.11	Has {he/she}	DAYCARE1	(1) YES		_	
	gone to daycare		(2) NO	[SKIP TO SECTION 11]		
	in the past 12 months?		(7) DON'T	[SKIP TO	-	
	inonens.		KNOW	SECTION 11]		
			(9) REFUSED	[SKIP TO		
				SECTION 11]		
SKIP INSTRUCTION		still have asthma?" R_ASTH (2.2) if REP		9 (Refused). {using	BRFSS	
	AND (LAST_MD (3.3) = 88 (Never) or 05, 06, 07, 77 or 99) AND (LAST_MED (3.4) = 88 (Never) or 05, 06, 07, 77 or 99) AND (LASTSYMP (3.5) = 88 (Never) or 05, 06, 07, 77 or 99)					
	THEN SKIP TO DCARE_ANML(10.14); otherwise continue with MISS_DCAR (10.12)					
	If "Does the child still have asthma?" = 1 (Yes). {using BRFSS CASTHNO2 or (CUR_ASTH if REPEAT-=1)}, then continue with MISS_DCAR (10.12)					
Q10.12	During the past	MISS_DCAR		[3 NUMERIC-		
	12 months,		NUMBER DAYS	CHARACTER-		

	about how many days of daycare did {he/she} miss because of {his/her} asthma?		(888) ZERO (777) DON'T KNOW (999) REFUSED	FIELD, RANGE CHECK: (001- 365, 777, 888, 999)] [Verify any entry >50] [DISPLAY THE THREE POSSIBILITIES TO THE LEFT ON THE CATI SCREEN FOR THIS QUESTION TO ASSIST THE INTERVIEWER] [CATI CHECK: IF RESPONSE = 77, 88, 99 VERIFY THAT 777, 888 AND 999 WERE NOT THE INTENT]	
Q10.13	Does {child's name} have a written asthma action plan or asthma management plan on file at daycare?	DCARE_APL	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED		
Q10.14	Are there any pets such as dogs, cats, hamsters, birds or other feathered or furry pets in {his/her} room at daycare?	DCARE_ANML	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED		
Q10.15	Are you aware of any mold problems in {his/her} daycare?	DCARE_MLD	(1) YES (2) NO (7) DON'T KNOW (9) REFUSED		

Q10.16	Is smoking	DCARE_SMK	(1) YES	
	allowed at		(2) NO	
	{his/her}			
	daycare?		(7) DON'T	
			KNOW	
			(9) REFUSED	

Section 11. Additional Child Demographics

Section 11. Additional Child Demographics	READ "I have just a few more questions about {child's name}." HELP SCREEN: WE ARE INTERESTED IN LOOKING AT HOW HEIGHT AND WEIGHT MAY BE RELATED TO ASTHMA.					
Question Number	Question text	Variable names	Responses (DO NOT READ UNLESS OTHERWISE NOTED)	SKIP INFO/ CATI Note	Interviewer Note (s)	
HELP SCREEN for Q11.1:	36 inche 48 inche		30 inches = 20 40 inches = 30 50 inches = 40 65 inches = 50	96 (2 feet 6 inches), 94 (3 feet 4 inches), 92 (4 feet 2 inches), 95 (5 feet 5 inches),		
Q11.1	How tall is {child's name}?	HEIGHT1	= Height (ft/inches) 7 7 7 7 7 = Don't know/Not sure 9 9 9 9 = Refused	CATI Note: In the first space for the height (highlighted in yellow), if the respondent answers in feet/inches enter "0." If respondent answers in	[INTERVIEWER: if needed: Ask the respondent to give their best guess.]	

				metric, put "9" in the first space. VALUES OF GREATER THAN 8 FEET 11 INCHES OR 250 CENTIMETERS SHOULD NOT BE ALLOWED, VALUE RANGE FOR INCHES 00- 11.	
Q11.2	How much does [he/she} weigh?	WEIGHT1	Weight (pounds/kilograms) 7 7 7 7 Don't know / Not sure 9 9 9 9 Refused	CATI Note: In the first space for the weight (highlighted in yellow), if the respondent answers in pounds, enter "0." If respondent answers in kilograms, put "9" in the first space. [VALUES OF GREATER THAN 500 POUNDS OR 230 KILOGRAMS SHOULD NOT BE ALLOWED]	[INTERVIEWER: if needed: Ask the respondent to give their best guess.]
CATI NOTE for Q11.3:	 If the respondent gives pounds and ounces: from left to right, positions one and two will hold "0 0"; positions three and four will hold the value of pounds from 0 to 30; and the last two positions will hold 00 to 15 ounces. If the respondent gives kilograms and grams: from left to right, position one will hold "9"; positions two and three will hold the value of kilograms 1-30; and the last three positions will hold the number of grams. [VALUES OF GREATER THAN 30 POUNDS OR 13.6 KILOGRAMS SHOULD NOT BE ALLOWED] 				
Q11.3	How much did {he/she} weigh at birth (in	BIRTHW1	Weight (pounds/kilograms)		

	pounds)?		7 7 7 7 7 7 7 Don't know / Not sure 9 9 9 9 9 9 9 Refused		
[IF BIRTH WEIGHT Q11.4	T (11.3) IS DON'T KI At birth, did {child's name} weigh less than 5 ½ pounds?	NOW OR REFUS	ED, ASK BIRTHRF; ELSE (1) YES (2) NO (7) DON'T KNOW (9) REFUSED	SKIP TO CWEND.]	[INTERVIEWER NOTE: 5 ½ pounds = 2500 GRAMS]

CWEND	Those are all the questions I have. I'd like to thank you on behalf of the {STATE NAME} Health Department and the Centers for Disease Control and Prevention for the time and
	effort you've spent answering these questions. If you have any questions about this survey,
	you may call my supervisor toll-free at 1 – xxx-xxx-xxxx. If you have questions about your
	rights as a survey participant, you may call the chairman of the Institutional Review Board
	at 1 800 xxx-xxxx. Thanks again.

Appendix A: Language for Identifying Most Knowledgeable Person during the BRFSS interview

Consent scripts for use during BRFSS Childhood asthma prevalence module when the most knowledgeable adult is identified during the BRFSS interview.

BRFSS Childhood asthma module:

If BRFSS respondent indicates that the randomly selected child has ever had asthma (CASTHDX2 = 1 "yes") and the BRFSS adult never had asthma then arrange for a call-back interview. If both the BRFSS adult and the randomly selected child both have asthma the child is randomly selected for the call-back at least 75% of the time.

Only respondents who are the parent/guardian of the selected child with asthma are eligible for the child asthma call-back interview. This is required because the parent/guardian must give permission to collect information about the child even if the information is being given by someone else. [BRFSS Random Child Selection Question: How are you related to the child? (RCSRELN2) = 1, 3]

READ: We would like to call again within the next 2 weeks to talk in more detail about your child's experiences with asthma. The information will be used to help develop and improve the asthma programs in *{state name}*. The information you gave us today and any you give us in the future will be kept confidential. If you agree to this, we will keep your first name or initials and phone number on file, separate from the answers collected today. Even if you agree now, you or others may refuse to participate in the future.

Question Number	Question text	Variable names	Responses (DO NOT READ UNLESS OTHERWISE NOTED)	SKIP INFO/ CATI Note	Interviewer Note (s)
Q01	Would it be all right if we call back at a later time to ask	ADULTPERM	(1) Yes (2) No	(GO TO BRFSS	
	time to ask			closing or next	

	additional			module)	
	questions		(7) Don't know/Not	(GO TO BRFSS	
	about your		Sure	closing or next	
	child's			module)	
	asthma?		(9) Refused	(GO TO BRFSS	
				closing or next	
				module)	
Q02	Can I please	CHILDNNAME	Enter child's first	[CATI: If more	
	have your		name, initials or	than one child,	
	child's first		nickname:	show child age	
	name, initials			{#} and which	
	or nickname			child was	
	so we can ask			selected (FIRST,	
	about the right			SECOND, etc.) from child	
	child when we call back? This			selection	
	is the {#} year			module]	
	old child which			modulej	
	is the {FIRST				
	CHILD,				
	SECOND, etc.}				
	CHILD.				
Q03	Can I please	ADULTNAME	Enter respondent's		
-	have your first		first name, initials or		
	name, initials		nickname:		
	or nickname				
	so we know				
	who to refer				
	to when we				
	call back?				
Q04	Are you the	MOSTKNOW	(1) Yes	[CATI SET	
	parent or			MKPNAME =	
	guardian in			ADULTNAME 03]	
	the household		(2) No	[GO TO	
	who knows the most			ALTNAME 06]	
	about {child's		(7) Don't know/Not	[GO TO	
	name}'s		Sure	ALTNAME 06]	
	asthma?		(9) Refused	[GO TO	
				ALTNAME 06]	

Q05	What is a good time to call you back? For example, evenings, days, weekends? Phone number: What is the best number to call you back?	CBTIME	Enter day/time:		
Interviewer Notes:	confidential. We phone number o	e will keep identi n file, separate f	us today and will give fying information like y from the answers colle bate in the future.	our child's name a	nd your name and
[If state requir	es active linking con	sent continue, if	not, go to BRFSS closir	ng or next module]	
Linking consent	READ: Some of the information that you shared with us today could be useful when combined with the information we will ask for during your child's asthma interview. If the information from the two interviews is combined, identifying information such as your phone number, your name, and your child's name will not be included.PERMISS: May we combine your answers from today with your answers from the interview about your child's asthma that will be done in the next two weeks?(1) Yes[GO TO BRFSS closing or next module]			terview. If the uch as your	
	(2) No(7) Don't Know(9) RefusedIf MOSTKNOW (0)	[GO TO BRF [GO TO BRF	SS closing or next mod SS closing or next mod SS closing or next mod Don't know/Not Sure),	dule] dule]	NAME 06.
Q06	READ: If you are not the person in the household who knows the most about {child's name}'s asthma, could you identify the person who knows the most about {child's	ALTNAME	Alternate's ;	[CATI SET MKPNAME = ALTNAME]	

	 name}'s asthma and provide permission to speak with that person and for that person to speak on behalf of the child? May I please have the first name, initials or nickname of the person who knows the most about {child's name}'s asthma so we will know who to ask for 				
Q07	when we call back?	ALTPHONE	Alternate's		
	different phone number we should use to contact {ALTNAME}?		Phone number: ;		
Q08	When would be a good time to call back and speak with {ALTNAME}? For example, evenings, days, weekends?	ALTCBTIME	Enter day/time:		
Interview Notes	READ: The information you gave us today and that {ALTNAME} will give us when we call back will be kept confidential. We will keep their name and phone number, and your child's name on file, separate from the answers collected today. Even though you agreed today, {ALTNAME} may refuse to participate in the future.				
[If state requi	res linking consent, c	ontinue; if not, go	to BRFSS closing or	next module]	
Linking Consent	READ: Some of the information that you shared with us today could be useful when combined with the information we will ask for during your child's asthma interview. If the information from the two interviews is combined, identifying information such as your phone number, your name, and your child's name will not be included.				
	PERMISS: May we	e combine your an	swers from today wi	ith the answers {AL	TNAME} gives us

dur	during the interview about your child's asthma?		
	-	[GO TO BRFSS closing or next module] [GO TO BRFSS closing or next module]	
) Don't Know) Refused	[GO TO BRFSS closing or next module] [GO TO BRFSS closing or next module]	