THE NATIONAL
CHILDREN'S
STUDY
HEALTH GROWTH ENVIRONMENT

Noise Measurement Pick-Up Instrument

Event Category:	Time-Based
Event:	36M, 60M
Administration:	N/A
Instrument Target:	Child's Primary Residence
Instrument Respondent:	Data Collector
Domain:	Environmental
Document Category:	Sample Collection
Method:	Data Collector Administered
Mode (for this instrument*):	In-Person, CAI
OMB Approved Modes:	In-Person, CAI
Estimated Administration Time:	0 minutes
Multiple Child/Sibling Consideration:	Per Event
Special Considerations:	N/A
Version:	1.0
MDES Release:	4.0

*This instrument is OMB-approved for multi-mode administration, but this version of the instrument is designed for administration in this/these mode(s) only.

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Noise Measurement Pick-Up Instrument

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Noise Measurement Pick-Up Instrument

GENERAL PROGRAMMER INSTRUCTIONS:

WHEN PROGRAMMING INSTRUMENTS, VALIDATE FIELD LENGTHS AND TYPES AGAINST THE MDES TO ENSURE DATA COLLECTION RESPONSES DO NOT EXCEED THOSE OF THE MDES. SOME GENERAL ITEM LIMITS USED ARE AS FOLLOWS:

DATA ELEMENT FIELDS	MAXIMUM CHARACTERS PERMITTED	DATA TYPE	PROGRAMMER INSTRUCTIONS
ADDRESS AND EMAIL FIELDS	100	CHARACTER	
UNIT AND PHONE FIELDS	10	CHARACTER	
_OTH AND COMMENT FIELDS	255	CHARACTER	• Limit text to 255 characters
FIRST NAME AND LAST NAME	30	CHARACTER	• Limit text to 30 characters
ALL ID FIELDS	36	CHARACTER	
ZIP CODE	5	NUMERIC	
ZIP CODE LAST FOUR	4	NUMERIC	
CITY	50	CHARACTER	
DOB AND ALL OTHER DATE FIELDS (E.G., DT, DATE, ETC.)	10	NUMERIC CHARACTER	• DISPLAY AS MM/DD/YYYY • STORE AS YYYY-MM-DD • HARD EDITS: MM MUST EQUAL 01 TO 12 DD MUST EQUAL 01 TO 31 YYYY MUST BE BETWEEN 1900 AND CURRENT YEAR.
TIME VARIABLES	TWO-DIGIT HOUR AND TWO-DIGIT MINUTE, AM/PM DESIGNATION	NUMERIC	• HARD EDITS: HOURS MUST BE BETWEEN 00 AND 12; MINUTES MUST BE BETWEEN 00 AND 59

Instrument Guidelines for Participant and Respondent IDs:

PRENATALLY, THE **P_ID** IN THE MDES HEADER IS THAT OF THE PARTICIPANT (E.G. THE NON-PREGNANT WOMAN, PREGNANT WOMAN, OR THE FATHER).

POSTNATALLY, A RESPONDENT ID WILL BE USED IN ADDITION TO THE PARTICIPANT ID BECAUSE SOMEBODY OTHER THAN THE PARTICIPANT MAY BE COMPLETING THE INTERVIEW. FOR EXAMPLE, THE PARTICIPANT MAY BE THE CHILD AND THE RESPONDENT MAY BE THE MOTHER, FATHER, OR ANOTHER CAREGIVER.

THEREFORE, MDES VERSION 2.2 AND ALL FUTURE VERSIONS CONTAIN A **R_P_ID** (RESPONDENT PARTICIPANT ID) HEADER FIELD FOR EACH POST-BIRTH INSTRUMENT. THIS WILL ALLOW ROCs TO INDICATE WHETHER THE RESPONDENT IS SOMEBODY OTHER THAN THE PARTICIPANT ABOUT WHOM THE QUESTIONS ARE BEING ASKED.

<u>A REMINDER:</u>
ALL RESPONDENTS MUST BE CONSENTED AND HAVE RECORDS IN THE PERSON, PARTICIPANT, PARTICIPANT_CONSENT AND LINK_PERSON_PARTICIPANT TABLES, WHICH CAN BE PRELOADED INTO EACH INSTRUMENT. ADDITIONALLY, IN POST-BIRTH QUESTIONNAIRES WHERE THERE IS THE ABILITY TO LOOP THROUGH A SET OF QUESTIONS FOR MULTIPLE CHILDREN, IT IS IMPORTANT TO CAPTURE AND STORE THE CORRECT CHILD **P_ID** ALONG WITH THE LOOP INFORMATION. IN THE MDES VARIABLE LABEL/DEFINITION COLUMN, THIS IS INDICATED AS FOLLOWS: **EXTERNAL IDENTIFIER: PARTICIPANT ID FOR CHILD DETAIL.**

NOISE MONITOR PICK-UP

(TIME_STAMP_NMP_ST).

PROGRAMMER INSTRUCTIONS
- INSERT DATE/TIME STAMP   - PRELOAD **DWELLING_UNIT_ID** FOR THE DWELLING UNIT   - PRELOAD PARTICIPANT ID (**P_ID**) FOR PARTICIPANT AND RESPONDENT ID (**R_P_ID**) FOR RESPONDENT   - PRELOAD ENVIRONMENTAL NOISE MEASUREMENT SAMPLE ID (**SAMPLE_ID**) FROM THE NOISE MEASUREMENT SET-UP INSTRUMENT   - PRELOAD NOISE MONITOR ID (**EQUIP_ID)** FROM THE NOISE MEASUREMENT SET-UP INSTRUMENT   - INSTRUMENT SHOULD ONLY BE LAUNCHED WHEN **MON_SETUP** = 1 IN THE NOISE MEASUREMENT SET-UP INSTRUMENT

NMP01000/(STAFF_ID). ENTER STAFF ID

_____

STAFF ID

NMP02000. NOISE MONITOR PICK UP INSTRUCTIONS:

DATA COLLECTOR INSTRUCTIONS
PICK UP THE NOISE MONITOR FOLLOWING THE INSTRUCTIONS IN THE ENVIRONMENTAL NOISE MEASUREMENT SOP

NMP03000/(SAMPLE_ID). ENVIRONMENTAL NOISE MEASUREMENT SAMPLE ID

| E |___|___|___|___|___|___|___|___| - N E 0 1
NOISE-ENVIRONMENTAL ID

PROGRAMMER INSTRUCTIONS
- DISPLAY THE NOISE MEASUREMENT SAMPLE ID   - ID MUST BE FORMATTED WITH TWO ALPHA 7 NUMERIC DASH NE 01

NMP04000/(SAMPLE_ID_SAME). {SAMPLE_ID}

IS THE DISPLAYED SAMPLE ID THE SAME AS THE SAMPLE ID SHOWN ON THE LABEL PLACED ON THE NOISE MONITOR?

Label	Code	Go To
YES	1	
NO	2	
DON'T KNOW	-2	

PROGRAMMER INSTRUCTIONS
DISPLAY PRELOADED **SAMPLE_ID** IN {SAMPLE_ID}

NMP05000/(EQUIP_ID). NOISE MONITOR ID

_____

NMP06000/(EQUIP_ID_SAME). {**EQUIP_ID**}

IS THE DISPLAYED EQUIPMENT ID THE SAME AS THE EQUIPMENT ID ON THE NOISE MONITOR?

Label	Code	Go To
YES	1	
NO	2	
DON'T KNOW	-2	

PROGRAMMER INSTRUCTIONS
• DISPLAY PRELOADED **EQUIP_ID** IN {EQUIP_ID}

NMP07000. MONITOR PICK-UP DATE

(MON_PICK_DATE_MM) MONTH: |____|____|
       M   M

(MON_PICK_DATE_DD) DAY: |____|____|
      D   D

(MON_PICK_DATE_YYYY) YEAR: |____|____|____|____|
    Y   Y   Y   Y

PROGRAMMER INSTRUCTIONS
• DISPLAY HARD EDIT IF MM, DD OR YYYY ARE OUTSIDE CRITERIA DEFINED IN GENERAL PROGRAMMER INSTRUCTIONS.

NMP08000/(MON_PICK_TIME). MONITOR PICK-UP TIME

|____|____| : |____|____|
  H   H   M   M

NMP09000/(MON_PICK_TIME_UNIT). MONITOR PICK-UP TIME AM/PM

Label	Code	Go To
AM	1	
PM	2	

NMP10000/(MON_PICKUP_ROOM). DID YOU PICK UP THE NOISE MONITOR FROM THE ROOM WHERE IT WAS SET UP?

Label	Code	Go To
YES	1	MON_PICKUP_PROBLEM

Label	Code	Go To
NO	2	
DON'T KNOW	-2	

NMP11000/(MON_PICKUP_ROOM_DIFF). RECORD THE ROOM FROM WHERE THE NOISE MONITOR WAS PICKED UP.

Label	Code	Go To
COMMON LIVING AREA	1	MON_PICKUP_PROBLEM
CHILD'S BEDROOM	2	CHILD_BEDROOM_SHARED
ADULT BEDROOM	3	MON_PICKUP_PROBLEM
OTHER	-5	

NMP12000/(MON_PICKUP_ROOM_DIFF_OTH).   SPECIFY:
_____

NMP13000/(CHILD_BEDROOM_SHARED). DOES THE CHILD SHARE THE BEDROOM WITH OTHER FAMILY MEMBER(S)?

Label	Code	Go To
YES	1	
NO	2	
DON'T KNOW	-2	

NMP14000/(MON_PICKUP_PROBLEM). DID YOU OBSERVE ANY PROBLEMS WITH THE NOISE MONITOR STAND AND/OR THE NOISE MONITOR?

Label	Code	Go To
YES	1	
NO	2	MON_PICKUP_ROOM_WINDOW_OPEN

NMP15000/(MON_PICKUP_PROBLEM_OBS). RECORD THE PROBLEMS YOU OBSERVED WITH THE NOISE MONITOR STAND AND/OR THE NOISE MONITOR.

DATA COLLECTOR INSTRUCTIONS
• SELECT ALL THAT APPLY.

Label	Code	Go To
STAND MISSING	1	
EQUIPMENT/SUPPLIES MISSING	2	
STAND MOVED	3	
STAND DAMAGED	4	
STAND UNLOCKED	5	
NOISE MONITOR NOT RUNNING	6	
NOISE MONITOR DAMAGED	7	

Label	Code	Go To
OTHER	-5	

NMP16000/(MON_PICKUP_PROBLEM_OBS_OTH). SPECIFY:

_____

NMP17000. NOISE MONITOR AND/OR STAND DAMAGED

DATA COLLECTOR INSTRUCTIONS
- IF **MON_PICKUP_PROBLEM_OBS** = 1, 4, OR 7 OR ANY COMBINATION INCLUDING 1, 4, AND/OR 7, COMPLETE THE ENVIRONMENTAL EQUIPMENT PROBLEM LOG.

NMP18000/(MON_PICKUP_DISTANCE). RECORD THE DISTANCE OF THE NOISE MONITOR FROM THE WALL IN THE PICK-UP ROOM.

Label	Code	Go To
LESS THAN 2 FT FROM WALL	1	
MORE THAN OR EQUAL TO 2 FEET FROM WALL	2	

NMP19000/(MON_PICKUP_HEIGHT). RECORD THE HEIGHT OF THE NOISE MONITOR FROM THE FLOOR IN THE PICK-UP ROOM.

Label	Code	Go To
LESS THAN 3 FT FROM FLOOR	1	
MORE THAN OR EQUAL TO 3 FT FROM FLOOR	2	

NMP20000/(MON_PICKUP_ROOM_WINDOW). RECORD WHAT IS OUTSIDE OF THE WINDOW(S) IN THE PICK-UP ROOM

Label	Code	Go To
NO WINDOWS	1	
STREET WITH LIGHT TRAFFIC	2	
STREET WITH HEAVY TRAFFIC	3	
FREEWAY OR HIGHWAY	4	
YARD, GARDEN, GREENBELT, COURTYARD	5	
OTHER	-5	

PROGRAMMER INSTRUCTIONS
• IF **MON_PICKUP_ROOM_WINDOW** = ANY COMBINATION OF 2 THROUGH 5, GO TO **MON_PICKUP_ROOM_WINDOW_OPEN.**   • IF **MON_PICKUP_ROOM_WINDOW** = -5, OR ANY COMBINATION OF 2 THROUGH 5 AND -5, GO TO **MON_PICKUP_ROOM_WINDOW_OTH.**   • IF **MON_PICKUP_ROOM_WINDOW** = 1, DO NOT ALLOW ANY OTHER SELECTION AND GO TO **MON_PICKUP_COMMENTS.**

NMP21000/(MON_PICKUP_ROOM_WINDOW_OTH).   SPECIFY:

_____

NMP22000/(MON_PICKUP_ROOM_WINDOW_OPEN). RECORD IF WINDOW(S) IN THE PICK-UP ROOM IS/ARE OPEN.

Label	Code	Go To
YES	1	
NO	2	

NMP23000/(MON_PICKUP_COMMENTS). RECORD ANY COMMENTS ABOUT THE NOISE MONITOR PICK-UP:

COMMENT: _____

(TIME_STAMP_NMP_ET).

PROGRAMMER INSTRUCTIONS
• INSERT DATE/TIME STAMP