



NIGERIA HIV/AIDS INDICATOR AND IMPACT SURVEY

HOUSEHOLD DATA CODEBOOK



NOVEMBER 2020

PARTNERS



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NIGERIA HIV/AIDS INDICATOR AND IMPACT SURVEY (NAIIS) 2018 HOUSEHOLD DATA CODEBOOK

NAIIS 2018 COLLABORATING INSTITUTIONS

Federal Ministry of Health, Nigeria (FMoH)
National Agency for the Control of AIDS, Nigeria (NACA)
National Population Commission, Nigeria (NPopC)
National Bureau of Statistics, Nigeria (NBS)
The United States Centers for Disease Control and Prevention (CDC)
The Global Fund to Fight AIDS, Tuberculosis and Malaria (GF)
Center for International Health, Education, and Biosecurity (Ciheb)
at the University of Maryland, Baltimore (UMB)

ICF International
African Field Epidemiology Network (AFENET)
University of Washington (UW)
The Joint United Nations Programme on HIV and AIDS (UNAIDS)
World Health Organization (WHO)
United Nations Children's Fund (UNICEF)

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NAIIS 2018, Household Data Codebook

Number of Variables	102
Number of Observations	101,267

NAIIS 2018, Household Data Codebook

Variable order in Household dataset	Variable	Variable Category	Question Description	Question Type	Coding Values and Labels
1	country	ID variable	Country name		
2	householdid	ID variable	Unique household ID		
3	state_ng	ID variable	States in Alphabetical Order	select one	1 – Abia 2 – Adamawa 3 - Akwa Ibom 4 - Anambra 5 - Bauchi 6 - Bayelsa 7 - Benue 8 - Borno 9 - Cross River 10 - Delta 11 - Ebonyi 12 - Edo 13 - Ekiti 14 - Enugu 15 - Fct Abuja 16 - Gombe 17 - Imo 18 - Jigawa 19 - Kaduna 20 - Kano 21 - Katsina 22 - Kebbi 23 - Kogi 24 - Kwara 25 - Lagos 26 - Nasarawa 27 - Niger 28 - Ogun 29 - Ondo 30 - Osun 31 - Oyo 32 - Plateau 33 - Rivers 34 - Sokoto 35 - Taraba 36 - Yobe 37 - Zamfara

NAIIS 2018, Household Data Codebook

Variable order in Household dataset	Variable	Variable Category	Question Description	Question Type	Coding Values and Labels
4	hhstatus	Response Variable	Household Response Status	select one	1 - Eligible responding household 2 - Eligible nonresponding household 3 - Unknown eligibility status 4 - Ineligible (vacant household, not a dwelling, dwelling destroyed)
5	surveystmonth	Response Variable	Month of household questionnaire start date	date(month)	
6	surveystyear	Response Variable	Year of household questionnaire start date	date(year)	
7	staffidhh	Response Variable	Interviewer number		9996 – Other
8	startint	Response Variable	Indicator that data can be collected from household	select one	1 - Yes 2 - No
9	resultndt	Response Variable	Please select reason why data cannot be collected for the household	select one	1 - Household not available at all visit attempts 2 - Refused 3 - Dwelling vacant or address not a dwelling 4 - Dwelling Destroyed 5 - Dwelling not found 96 - Other
10	zone_ng	ID variable	Geopolitical zone	select one	1 - Northwest 2 - Northeast 3 - Northcentral 4 - Southeast 5 - South-south 6 - Southwest
11	ahvisits_ng	Response Variable	Number of household visits	integer	1 ,2, 3, ..., 9
12	elghep_ng	Response Variable	Eligible for Hepatitis B & C for HIV negatives	select one	1 - Yes 2 - No
13	hepatitis_ng	Response Variable	Selected for Hepatitis B & C for HIV negatives (line number of selected person)	select one	1,2,3, ...,20
14	pediatric_ng	Response Variable	Eligible for pediatric	select one	1 - Yes 2 - No
15	ah10_14_ng	Analytic Variable	Total number of children (10 to 14 years) in the household	integer	5 - 5 or more
16	ah6_14_ng	Analytic Variable	Total number of children (6 to 14 years) in the household	integer	7 - 7 or more

NAIIS 2018, Household Data Codebook

Variable order in Household dataset	Variable	Variable Category	Question Description	Question Type	Coding Values and Labels
17	ah0_5_ng	Analytic Variable	Total number of children (0 to 5 years) in the household	integer	6 - 6 or more
18	watersource	Household questionnaire	What is the main source of drinking water for members of your household?	select one	11 - Piped into dwelling 12 - Piped to yard/plot 13 - Public tap/standpipe 14 - Piped to neighbor 21 - Tube well or borehole 31 - Protected well 32 - Unprotected well 41 - Protected spring 42 - Unprotected spring 51 - Rainwater 61 - Tanker truck 71 - Cart with small tank/jerry can/ cartless vendor 81 - Surface water (river/dam/lake/pond/stream/canal/irrigation channel) 91 - Bottled water/ dispenser water 92 - Sachet (pure) water 96 - Other -8 - Don't know -9 - Refused
19	waterlocate	Household questionnaire	Where is the water source located?	select one	1 - In own dwelling 2 - In own yard/plot 3 - Elsewhere -8 - Don't know -9 - Refused
20	wtrsfr	Household questionnaire	Do you do anything to the water to make it safer to drink?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
21	wtrtreat_a	Household questionnaire	What do you do to make your water safe for drinking?	select multiple	a - Boil
22	wtrtreat_b	Household questionnaire	What do you do to make your water safe for drinking?	select multiple	b - Use water filter (ceramic/sand/composite/etc)
23	wtrtreat_c	Household questionnaire	What do you do to make your water safe for drinking?	select multiple	c - Sedimentation (let it stand and settle)

NAIIS 2018, Household Data Codebook

Variable order in Household dataset	Variable	Variable Category	Question Description	Question Type	Coding Values and Labels
24	wtrtreat_d	Household questionnaire	What do you do to make your water safe for drinking?	select multiple	d - Disinfection (waterguard, bleach, chlorine,composite/etc)
25	wtrtreat_e	Household questionnaire	What do you do to make your water safe for drinking?	select multiple	e - Strain through a cloth
26	wtrtreat_f	Household questionnaire	What do you do to make your water safe for drinking?	select multiple	f - Alum
27	wtrtreat_g	Household questionnaire	What do you do to make your water safe for drinking?	select multiple	g - Solar disinfection
28	wtrtreat_x	Household questionnaire	What do you do to make your water safe for drinking?	select multiple	x - Other
29	wtrtreat_y	Household questionnaire	What do you do to make your water safe for drinking?	select multiple	y - Don't know
30	wtrtreat_z	Household questionnaire	What do you do to make your water safe for drinking?	select multiple	z - Refused
31	toilettype	Household questionnaire	What kind of toilet facility do members of your household usually use?	select one	11 - Flush to piped sewer system 12 - Flush to septic tank 13 - Flush to pit latrine 14 - Flush to somewhere else 15 - Flush, don't know where 21 - Ventilated improved pit latrine (VIP) 22 - Pit latrine with slab 23 - Pit latrine without slab/open pit 31 - Composting toilet 41 - Bucket toilet 51 - Hanging toilet/hanging latrine 61 - No facility/bush/field 96 - Other -8 - Don't know -9 - Refused
32	toiletshare	Household questionnaire	Do you share this toilet facility with other households?	select one	1 - Yes 2 - No 6 - Other -8 - Don't know -9 - Refused
33	toiletsharenun	Household questionnaire	Including your own household, how many households use this toilet facility?	select one	10 - 10 or more households -8 - Don't know

NAIIS 2018, Household Data Codebook

Variable order in Household dataset	Variable	Variable Category	Question Description	Question Type	Coding Values and Labels
					-9 - Refused
34	toiletloc_ng	Household questionnaire	Where is this toilet facility located?	select one	1 - In own dwelling 2 - In own yard/plot 3 - Elsewhere
35	haveelect	Household questionnaire	Does your household have: Electricity?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
36	haveradio	Household questionnaire	Does your household have: A radio?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
37	havetele	Household questionnaire	Does your household have: A television?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
38	havecell	Household questionnaire	Does any member of this household own: A mobile phone?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
39	havephone	Household questionnaire	Does your household have: A non-mobile telephone?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
40	haverefrig	Household questionnaire	Does your household have: A refrigerator?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
41	havegen_ng	Household questionnaire	Does your household have: A generator?	select one	1 - Yes 2 - No -8 - Don't know

NAIIS 2018, Household Data Codebook

Variable order in Household dataset	Variable	Variable Category	Question Description	Question Type	Coding Values and Labels
					-9 - Refused
42	havesolar	Household questionnaire	Does your household have: A solar power or inverter?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
43	havecomp	Household questionnaire	Does your household have: A computer?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
44	havebedmat	Household questionnaire	Does your household have: A bed?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
45	havetable	Household questionnaire	Does your household have: A table?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
46	havechair	Household questionnaire	Does your household have: A chair?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
47	havecupb	Household questionnaire	Does your household have: A cupboard?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
48	havesofa	Household questionnaire	Does your household have: A sofa?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
49	havefan	Household questionnaire	Does your household have: A fan	select one	1 - Yes 2 - No

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Variable order in Household dataset	Variable	Variable Category	Question Description	Question Type	Coding Values and Labels
					-8 - Don't know -9 - Refused
50	havelectiron_ng	Household questionnaire	Does your household have: An electric iron?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
51	havecongrid_ng	Household questionnaire	Does your household have: A connection to the national grid?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
52	haveaircon_ng	Household questionnaire	Does your household have: An air conditioner?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
53	havemosqnt	Household questionnaire	Does your household have any mosquito nets that can be used while sleeping?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
54	havemosqntum_ng	Household questionnaire	How many mosquito nets does your household have?	integer	7 – 7 or more
55	cookingfuel	Household questionnaire	What type of fuel does your household mainly use for cooking?	select one	1 - Electricity 10 - Animal dung 2 - Liquid propane gas 3 - Natural gas 4 - Biogas 5 - Paraffin/Kerosene 6 - Coal, lignite 7 - Charcoal from wood 8 - Firewood 9 - Straw/shrubs/grass 95 - No food cooked in household 96 - Other -8 - Don't know -9 - Refused

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Variable order in Household dataset	Variable	Variable Category	Question Description	Question Type	Coding Values and Labels
56	cookingloc_ng	Household questionnaire	Is the cooking usually done in the house, in a separate building, or outdoors?	select one	1 - In the house 2 - In a separate building 3 - Outdoors 6 - Other
57	sepkitchenroom_ng	Household questionnaire	Do you have a separate room which is used as a kitchen?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
58	matfloor	Household questionnaire	Main material of the floor (observe, do not ask)	select one	11 - Earth/sand 12 - Dung 21 - Wood planks 22 - Bamboo slats 31 - Parquet or polished wood 32 - Vinyl or asphalt strips 33 - Ceramic tiles 34 - Cement 35 - Carpet/rug 36 - Terazzo 96 - Other
59	matroof	Household questionnaire	Main material of the roof (observe, do not ask)	select one	11 - No roof 12 - Thatch/palm leaf 13 - Mud 21 - Wood planks 22 - Cardboard 32 - Metal 33 - Wood 34 - Calamine/cement fiber 35 - Ceramic tiles 36 - Cement 37 - Roofing shingles 96 - Other
60	matexwalls	Household questionnaire	Main material of the exterior walls (observe, do not ask)	select one	11 - No walls 12 - Dirt 13 - Cane/palm/Tree trunks

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Variable order in Household dataset	Variable	Variable Category	Question Description	Question Type	Coding Values and Labels
					14 - Bamboo with mud 15 - Stone with mud 16 - Mud 21 - Cardboard 22 - Reused wood 23 - Plywood 24 - Unbaked bricks 25 - Carton 31 - Wood planks/shingles 32 - Unbaked bricks covered 33 - With plaster 34 - Bricks 35 - Cement blocks 36 - Cement 37 - Stone with lime/cement 96 - Other
61	roomsleep	Household questionnaire	How many rooms in this household are used for sleeping?	integer	10 - 10 or more -8 - Don't know -9 - Refused
62	ownbike	Household questionnaire	Does any member of this household own: A bicycle?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
63	ownmoto	Household questionnaire	Does any member of this household own: A motorcycle or motor scooter?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
64	owncar	Household questionnaire	Does any member of this household own: A car or truck?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
65	ownboat	Household questionnaire	Does any member of this household own: A boat with a motor?	select one	1 - Yes 2 - No -8 - Don't know

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					-9 - Refused
66	ownwatch	Household questionnaire	Does any member of this household own: A watch?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
67	owncart	Household questionnaire	Does any member of this household own: An animal-drawn cart?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
68	owncanoe_ng	Household questionnaire	Does any member of this household own: A canoe?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
69	ownknapap_ng	Household questionnaire	Does any member of this household own: A Keke Napep?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
70	ownbankacc	Household questionnaire	Does any member of this household have a bank account?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
71	ownlivestock_ng	Household questionnaire	Does this household own any livestock, herds, other farm animals, camels, or poultry?	select one	1 - Yes 2 - No -8 - Don't know -9 - Refused
72	ownland	Household questionnaire	Does any member of this household own any agricultural land?	select one	1 - Yes 2 - No
73	ownlandnum_ng	Household questionnaire	How many plot/acres/hectares of agricultural land do members of this household own?	integer	0.8 - 0.8 or fewer 95 - 95 or more 96 - Other

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74	ownlandunit_ng	Household questionnaire	Hectares for agricultural land (Units)	select one	1 - Plot 2 - Acres 3 - Hectares
75	owncow	Household questionnaire	How many of the following animals does this household own: Milk cows or bulls?	integer	0 - None 50 - 50 or more 96 - Other -8 - Unknown
76	ownothercattle_ng	Household questionnaire	How many of the following animals does this household own: Other cattle?	integer	0 - None 50 - 50 or more 96 - Other -8 - Unknown
77	ownhorsedm	Household questionnaire	How many of the following animals does this household own: Horses, donkeys, or mules?	integer	0 - None 10 - 10 or more 96 - Other -8 - Unknown
78	owngoat	Household questionnaire	How many of the following animals does this household own: Goats?	integer	0 - None 60 - 60 or more 96 - Other -8 - Unknown
79	ownsheep	Household questionnaire	How many of the following animals does this household own: Sheep?	integer	0 - None 60 - 60 or more 96 - Other -8 - Unknown
80	ownchikn	Household questionnaire	How many of the following animals does this household own: Chicken or other poultry such as ducks?	integer	0 - None 95 - 95 or more 96 - Other -8 - Unknown
81	ownpig	Household questionnaire	How many of the following animals does this household own: Pigs?	integer	0 - None 30 - 30 or more 96 - Other -8 - Unknown

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Variable order in Household dataset	Variable	Variable Category	Question Description	Question Type	Coding Values and Labels
82	owncamel_ng	Household questionnaire	How many of the following animals does this household own: Camels?	integer	0 - None 8 - 8 or more 96 - Other -8 - Unknown
83	owndog_ng	Household questionnaire	How many of the following animals does this household own: Dogs?	integer	0 - None 10 - 10 or more 96 - Other -8 - Unknown
84	ownlivest	Household questionnaire	How many of the following animals does this household own: Other? Specify:	integer	0 - None 30 - 30 or more 96 - Other -8 - Unknown
85	hhrespondent	Response Variable	Line of household respondent	integer	5 - 5 or more
86	urban	Analytic Variable	Type of place of residence	select one	1 - Urban 2 - Rural
87	childcount	Analytic Variable	Total number of children in the household	integer	15 - 15 or more
88	childcountdefacto	Analytic Variable	Total number of children in the household, De Facto population	integer	15 - 15 or more
89	rostercount	Analytic Variable	Total number of household members	integer	20 - 20 or more
90	rostercountdefacto	Analytic Variable	Total number of household members, De Facto population	integer	20 - 20 or more
91	menrostercount_ng	Analytic Variable	Total males in household	integer	10 - 10 or more
92	womenrostercount_ng	Analytic Variable	Total females in household	integer	10 - 10 or more
93	householdheadgender	Analytic Variable	Gender of head of household	select one	1 - Household head is male 2 - Household head is female 99 - Missing
94	householdheadhivpositive	Analytic Variable	Indicator of whether head of household is positive	select one	1 - Household head is HIV positive 2 - Household head is HIV negative 99 - Missing
95	bloodtestcount	Analytic Variable	Number of de facto members with a blood test and definitive HIV status determination (bt_status = 1)	integer	15 - 15 or more
96	hivpositivecount	Analytic Variable	Number of HIV positive people among tested, De Facto population	integer	1, 2, 3, 99 - missing
97	hiv_ind_defacto_ng	Analytic Variable	Hiv affected households, De Facto population	select one	1 - Yes 2 - No 99 - Missing

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98	wealthquintile	Analytic Variable	Wealth quintiles	select one	1 - Lowest 2 - Second 3 - Middle 4 - Fourth 5 - Highest
99	wealthscorecont	Analytic Variable	Wealth index	continuous	
100	hhwt0	Weighting Variable	Household Weight	continuous	
101	varstrat	Weighting variable	Variance Stratum Identifier	integer	1, 2, 3, ... ,56
102	varunit	Weighting variable	Variance Unit Identifier	integer	1, 2, 3, ... ,4035