

Malaysia - Health Access and Utilization Survey 2022

UNHCR

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Identification

SURVEY ID NUMBER

UNHCR_MYS_2022_haus_anon_data_v2.1

TITLE

Health Access and Utilization Survey 2022

COUNTRY

Name	Country code
Malaysia	MYS

STUDY TYPE

Demographic and Health Survey [hh/dhs]

ABSTRACT

Health access and utilization survey (HAUS) is a cross-sectional, household telephone survey designed by the Public Health Section as a tool to determine refugees' access to, utilization of, and coverage of key health services across different levels of health facilities as well as to identify critical factors and challenges faced by refugees that may affect health access in a timely manner. UNHCR Malaysia conducted the survey in December 2022 with the help of 23 enumerators and successfully collected data from 718 households comprising of 1,760 individuals. Informed consent was obtained prior to the start of the interview.

the average age of the respondents was 34 years (SD = 9 years). Majority of the households were male-headed (87%), married (55%), currently in some form of employment (83%) and originated from Myanmar (74%). Among the head of households, knowledge of available health services were lacking with a third of them (30.8%) unaware of subsidized care at government health facilities for UNHCR document holders while more than half of them were unaware of the availability of hospitalization assistance as provided by IMARET. Nevertheless, most households were able to access health care when needed (93%) although affordability remained a major barrier. The average amount paid by households for primary health services was MYR164 while hospitalization care could cost as much as MYR5,197 on average. In terms of childhood vaccination, 78% children under 5 were able to receive measles or MMR vaccination mainly from government health facilities. However, it is worth noting that the finding did not indicate whether the children had completed the required doses for MMR. Access to reproductive health services remain challenging with slightly more than half of pregnant women faced difficulties accessing antenatal care due to financial barrier. The average cost of delivery care paid by the respondents was MYR3,600. In terms of family planning, only 45.1% received family planning counselling or services post-delivery. Non-communicable diseases were emerging as another health concern affecting as many as 10% of the total households. The top three most common NCD were hypertension, diabetes mellitus and musculo-skeletal diseases. As a result of inclusive national COVID-19 vaccination programme, refugees benefitted from the initiative with as high as 92.6% completed the required doses and 74.6% received booster dose. In summary, findings from this survey indicated for the need to strengthen health awareness and information dissemination among refugees while sustainable health financing will help to ease the financial barrier faced by most refugees in need of health services. Advocacy for inclusion in the national health programming in key areas namely communicable and non-communicable diseases, childhood immunization, safe motherhood and family planning will help to promote better health outcomes for refugees.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Households and individual

Version

VERSION DESCRIPTION

v2.1: Edited, cleaned and anonymised data

VERSION DATE

2023-06-15

Scope

NOTES

The questionnaire was divided into 12 different sections focusing on different key areas which include demographic information, child immunization, reproductive health practices, chronic diseases, mental illness and disability, access to health care in the past month, hospitalization access, health care expenditure, COVID-19 vaccination, knowledge of available health services, food security, access to health insurance and health communication

TOPICS

Topic
Health and Nutrition
Health
Education
Environment
Livelihood and Social cohesion
Gender Based Violence
Health Care Referral Services

Coverage

GEOGRAPHIC COVERAGE

National

UNIVERSE

Registered Refugees in Malaysia 2022

Producers and sponsors

PRIMARY INVESTIGATORS

Name
UNHCR

Sampling

SAMPLING PROCEDURE

The sample is for 718 Households randomly sampled. There is consideration of the Country of Origin, age and gender in the selection of the sample.

Data Collection

DATES OF DATA COLLECTION

Start	End
2022-12-19	2023-01-08

DATA COLLECTION MODE

Computer Assisted Telephone Interview [cati]

DATA COLLECTORS

Access policy

CONTACTS

Name	Affiliation	Email
Curation team	UNHCR	microdata@unhcr.org

CITATION REQUIREMENTS

UNHCR (2023). Malaysia: Health Access and Utilization Survey 2022. Accessed from: <https://microdata.unhcr.org>

Metadata production

DDI DOCUMENT ID

UNHCR_MYS_2022_haus_anon_data_v2.1

PRODUCERS

Name
UNHCR

DATE OF METADATA PRODUCTION

2023-06-21

Data Dictionary

Data file	Cases	Variables
Household data Anonymized Household data	718	122
Individual data Anonymized Household member data	1728	194

Data file: Household data

Anonymized Household data

Cases: 718

Variables: 122

Variables

ID	Name	Label	Question
hh_data_V1	pseudo_parent_id		
hh_data_V2	surveycountry		
hh_data_V3	currency		
hh_data_V4	today		
hh_data_V5	headh	Are you the head of household?	
hh_data_V6	headh_gender	What is the gender of the head of household?	
hh_data_V7	headh_age	How old is the head of household (years)?	
hh_data_V8	headh_lang_arabic	Which language(s) does the head of household speak? (list all languages) Arabic Arabic	
hh_data_V9	headh_lang_english	Which language(s) does the head of household speak? (list all languages) English English	
hh_data_V10	headh_lang_somali	Which language(s) does the head of household speak? (list all languages) Somali Somali	
hh_data_V11	headh_lang_oth	Which language(s) does the head of household speak? (list all languages) Other, specify Other, specify	
hh_data_V12	headh_lang_myan_burmese	Which language(s) does the head of household speak? (list all languages) Burmese Burmese	
hh_data_V13	headh_lang_myan_rohingya	Which language(s) does the head of household speak? (list all languages) Rohingya Rohingya	
hh_data_V14	headh_lang_myan_oths	Which language(s) does the head of household speak? (list all languages) Myanmar Others Myanmar Others	
hh_data_V15	headh_lang_malay	Which language(s) does the head of household speak? (list all languages) Malay Malay	
hh_data_V16	headh_lang_tamil	Which language(s) does the head of household speak? (list all languages) Tamil Tamil	
hh_data_V17	headh_lang_urdu	Which language(s) does the head of household speak? (list all languages) Urdu Urdu	
hh_data_V18	headh_lang_dari	Which language(s) does the head of household speak? (list all languages) Dari Dari	
hh_data_V19	headh_marital_status	Marital status of the head of household?	
hh_data_V20	headh_read_cty_host	Can the head of household read in the language of the country he/she is currently in? In Malaysia, it will be Malay or English.	
hh_data_V21	headh_write_cty_host	Can the head of household write in the language of the country you are currently in? In Malaysia, it will be Malay or English.	
hh_data_V22	headh_edu	What is the level of formal education the head of household has?	
hh_data_V23	headh_work	Does the head of the household work?	
hh_data_V24	headh_work_yes	If yes, what type of work does the head of the household do?	
hh_data_V25	admin1	In which State do you live?	
hh_data_V26	arrive_date	When did the first person in your household arrive in the country?	

ID	Name	Label	Question
hh_data_V27	hh_members	Including yourself, how many people live in your household?	
hh_data_V28	hosp_yes_calc		
hh_data_V29	health_prov_ngo_fac	When anyone in your household is sick, where do they go to seek care? NGO health clinic e.g. Tzu Chi, MSF, QFFD clinic, Klinik Kecheerian or others	
hh_data_V30	health_prov_unhcr_partner		
hh_data_V31	health_prov_public_hospital	When anyone in your household is sick, where do they go to seek care? Public Clinics / Hospitals	
hh_data_V32	health_prov_private_hospital	When anyone in your household is sick, where do they go to seek care? Private Clinics / Hospitals	
hh_data_V33	health_prov_pharmacy	When anyone in your household is sick, where do they go to seek care? Pharmacy	
hh_data_V34	health_prov_oth	When anyone in your household is sick, where do they go to seek care? Other, specify	
hh_data_V35	health_prov_dk	When anyone in your household is sick, where do they go to seek care? Don't know / did not answer	
hh_data_V36	health_prov_traditional	When anyone in your household is sick, where do they go to seek care? Traditional healer / Burmese shop	
hh_data_V37	health_spend	How much did your household spend on health care services last month? Please use Malaysian Ringgit.	
hh_data_V38	hc_cost_paymenthow_wage	How did the household manage to pay for the health-related expenditure? Wage / salary	
hh_data_V39	hc_cost_paymenthow_savings	How did the household manage to pay for the health-related expenditure? Savings	
hh_data_V40	hc_cost_paymenthow_loan	How did the household manage to pay for the health-related expenditure? Loan/borrow from relative(s) or friend(s)	
hh_data_V41	hc_cost_paymenthow_part		
hh_data_V42	hc_cost_paymenthow_oth	How did the household manage to pay for the health-related expenditure? Other, specify	
hh_data_V43	covidvaccheard	Have you heard about COVID-19 vaccine?	
hh_data_V44	covidvaccheardhow_unhcr	How did you hear about COVID-19 vaccine? UNHCR communication / information	
hh_data_V45	covidvaccheardhow_ngo	How did you hear about COVID-19 vaccine? NGO communication / information	
hh_data_V46	covidvaccheardhow_government	How did you hear about COVID-19 vaccine? Government communication / information	
hh_data_V47	covidvaccheardhow_social_media	How did you hear about COVID-19 vaccine? Social media	
hh_data_V48	covidvaccheardhow_newspapers	How did you hear about COVID-19 vaccine? Newspapers	
hh_data_V49	covidvaccheardhow_tv	How did you hear about COVID-19 vaccine? TV	
hh_data_V50	covidvaccheardhow_radio	How did you hear about COVID-19 vaccine? Radio	
hh_data_V51	covidvaccheardhow_chw	How did you hear about COVID-19 vaccine? Community health workers	
hh_data_V52	covidvaccheardhow_oth	How did you hear about COVID-19 vaccine? Other, please specify	
hh_data_V53	covidvaccgot	Have you ever received any vaccinations against COVID-19?	
hh_data_V54	covid_vaccdose	How many doses does the vaccine you received requires?	
hh_data_V55	coviddosenunder	How many doses of the COVID-19 vaccine have you received so far?	
hh_data_V56	covidbooster	Have you received booster dose against COVID-19?	
hh_data_V57	cvaccnowwhy_vaccine_unavail	Why you did not receive a COVID-19 vaccine? Vaccine unavailable at the clinic / hospital	

ID	Name	Label	Question
hh_data_V58	cvaccnowhy_refused	Why you did not receive a COVID-19 vaccine? Service provider refused to provide me with service	
hh_data_V59	cvaccnowhy_too_far	Why you did not receive a COVID-19 vaccine? Too far / transportation issue	
hh_data_V60	cvaccnowhy_dk_where	Why you did not receive a COVID-19 vaccine? Didn't know where to go	
hh_data_V61	cvaccnowhy_no_time	Why you did not receive a COVID-19 vaccine? No time as I had to work / care for children	
hh_data_V62	cvaccnowhy_staff_rude	Why you did not receive a COVID-19 vaccine? Staff was rude	
hh_data_V63	cvaccnowhy_too_expensive	Why you did not receive a COVID-19 vaccine? Couldn't afford service fees	
hh_data_V64	cvaccnowhy_do_not_trust	Why you did not receive a COVID-19 vaccine? Do not trust vaccine	
hh_data_V65	cvaccnowhy_no_info	Why you did not receive a COVID-19 vaccine? No information about immunization	
hh_data_V66	cvaccnowhy_lang_barrier	Why you did not receive a COVID-19 vaccine? Language barrier / couldn't communicate with staff	
hh_data_V67	cvaccnowhy_advice_against	Why you did not receive a COVID-19 vaccine? Family member or friend advised against it	
hh_data_V68	cvaccnowhy_no_valid_id	Why you did not receive a COVID-19 vaccine? Don't have valid ID documents	
hh_data_V69	cvaccnowhy_fear_share_info	Why you did not receive a COVID-19 vaccine? Fear of sharing personal information	
hh_data_V70	cvaccnowhy_has_appointment	Why you did not receive a COVID-19 vaccine? Have an appointment in the future	
hh_data_V71	cvaccnowhy_had_covid	Why you did not receive a COVID-19 vaccine? Have already had COVID-19	
hh_data_V72	cvaccnowhy_oth	Why you did not receive a COVID-19 vaccine? Other, please specify	
hh_data_V73	covidvaccwhere	Where did you go to receive your first COVID-19 vaccine?	
hh_data_V74	covidvaccworry	Do you personally have any concerns or worries about your or any of your household members receiving a COVID-19 vaccine?	
hh_data_V75	covidvaccworrywhich	What is your main concern about the COVID-19 vaccine?	
hh_data_V76	knowaccess	Do you know that all UNHCR registered refugees who hold a UNHCR document have subsidized access (50% discount) for primary health, inpatient and delivery care at government health facilities?	
hh_data_V77	knowaccess_help	Are you aware that refugees who have difficulties accessing emergency health services at government hospitals can be assisted through IMARET hotline?	
hh_data_V78	knowaccess_ngo	Do you know that all refugees can access health care at NGO health clinics such as Tzu Chi, MSF, QFFD and others for free or at a minimal fee?	
hh_data_V79	knowaccess_qualitas	Do you know that all refugees can access subsidized care at Qualitas Health private clinic chain?	
hh_data_V80	knowaccess_care	Do you know that all refugees can access subsidized care at Care private clinic chain?	
hh_data_V81	denied_hlth_services	Were you, or any member of your family, denied any health services due to expired UNHCR documents?	
hh_data_V82	denied_hlth_serviceswho	If yes, who denied you access to health services?	
hh_data_V83	surv_available	If someone in your community experiences gender-based violence and approaches you for help, would you be able to inform this survivor about health services available in your area?	

ID	Name	Label	Question
hh_data_V84	surv_pss	If someone in your community experiences gender-based violence and approaches you for help, would you be able to inform this survivor about psychosocial support services available in your area?	
hh_data_V85	surv_safety_security	If someone in your community experiences gender-based violence and approaches you for help, would you be able to inform this survivor about safety and security services (ie. police, safe shelters where survivors can be hosted) available in your area?	
hh_data_V86	dom_violence_goingout	Sometimes a husband is annoyed or angered by things that his wife does. In your opinion, which of these reasons justifies a husband to hit or beat his wife? Going out without telling him	
hh_data_V87	dom_violence_neglect	Sometimes a husband is annoyed or angered by things that his wife does. In your opinion, which of these reasons justifies a husband to hit or beat his wife? Neglecting the children	
hh_data_V88	dom_violence_arguing	Sometimes a husband is annoyed or angered by things that his wife does. In your opinion, which of these reasons justifies a husband to hit or beat his wife? Arguing with him	
hh_data_V89	dom_violence_refuse_sex	Sometimes a husband is annoyed or angered by things that his wife does. In your opinion, which of these reasons justifies a husband to hit or beat his wife? Refusing to have sexual intercourse with him	
hh_data_V90	dom_violence_noneabove	Sometimes a husband is annoyed or angered by things that his wife does. In your opinion, which of these reasons justifies a husband to hit or beat his wife? None of the above	
hh_data_V91	lessexp	In the past 7 days, how many days did your household rely on less preferred and/or less expensive food due to lack of food or money to buy food?	
hh_data_V92	brw	In the past 7 days, how many days did your household borrow food or rely on help from a friend or relative due to lack of food or money to buy food?	
hh_data_V93	lessmeal	In the past 7 days, how many days did your household reduce the number of meals eaten in a day due to lack of food or money to buy food?	
hh_data_V94	redmeal	In the past 7 days, how many days did your household limit portion sizes at mealtime due to lack of food or money to buy food?	
hh_data_V95	redadult	In the past 7 days, how many days did your household reduce consumption by adults so children could eat, due to lack of food or money to buy food?	
hh_data_V96	rcsi		
hh_data_V97	healthplan	Do you know what medical insurance is?	
hh_data_V98	remedi	If UNHCR re-introduce REMEDI, would you enrol?	
hh_data_V99	remedi_yes_need_it	What is/are the factor(s) that will encourage you to enrol? I need REMEDI to protect myself and my family from medical emergency	
hh_data_V100	remedi_yes_aff_premium	What is/are the factor(s) that will encourage you to enrol? Affordable premium	
hh_data_V101	remedi_yes_easy_enrol	What is/are the factor(s) that will encourage you to enrol? Easy to enrol (many agents/places for me to enrol myself)	
hh_data_V102	remedi_yes_coverage	What is/are the factor(s) that will encourage you to enrol? Adequate coverage for hospitalization	
hh_data_V103	remedi_yes_no_underwriting	What is/are the factor(s) that will encourage you to enrol? I or my family member can enrol even with underlying medical condition	
hh_data_V104	remedi_yes_specify	Other reason, please specify:	
hh_data_V105	remedi_no_money	If no, why? Could not afford the premium	

ID	Name	Label	Question
hh_data_V106	remedi_no_dont_understand	If no, why? Do not understand what medical insurance is	
hh_data_V107	remedi_no_need	If no, why? Do not think I need a medical insurance	
hh_data_V108	remedi_no_specify	Other reason, please specify:	
hh_data_V109	remedi_premium	What is the range of annual premium that you are willing to pay to be enrolled? (for up to a family of five members)	
hh_data_V110	remedi_coverage	What is the coverage that you think is adequate for you and your family?	
hh_data_V111	cook_item	What do you use to cook your food?	
hh_data_V112	fuel_type	What fuel are you using for cooking?	
hh_data_V113	hlth_comm_internet	Which would be the best alternative for you to receive health information? Internet (UNHCR Refugee Malaysia website, Facebook)	
hh_data_V114	hlth_comm_sms	Which would be the best alternative for you to receive health information? Text messages (SMS)	
hh_data_V115	hlth_comm_whatsapp	Which would be the best alternative for you to receive health information? WhatsApp	
hh_data_V116	hlth_comm_posters_brochures	Which would be the best alternative for you to receive health information? Posters, brochures, leaflets	
hh_data_V117	hlth_comm_newsletters	Which would be the best alternative for you to receive health information? Newsletters	
hh_data_V118	hlth_comm_chw	Which would be the best alternative for you to receive health information? Community health workers	
hh_data_V119	hlth_comm_oth	Which would be the best alternative for you to receive health information? Other, please specify	
hh_data_V120	hlth_comm_telegram	Which would be the best alternative for you to receive health information? Telegram group	
hh_data_V121	hlth_comm_cl	Which would be the best alternative for you to receive health information? Community leaders or representatives from community-based organization	
hh_data_V122	weight	Design Weight	

Total: 122

Data file: Individual data

Anonymized Household member data

Cases:	1728
Variables:	194

Variables

ID	Name	Label	Question
indv_data_V1	pseudo_parent_id		
indv_data_V2	pseudo_id		
indv_data_V3	sexmem	What is \${namemem}'s gender?	
indv_data_V4	agemem	How old is \${namemem}?	
indv_data_V5	maritalmem	What is the marital status of \${namemem}?	
indv_data_V6	imm_schedule	Do you have information on the immunization schedule for \${namemem}?	
indv_data_V7	cardvac	Does \${namemem} have an immunization card/booklet?	
indv_data_V8	mevac	Has \${namemem} ever received a measles or MMR injection?	
indv_data_V9	mevac_no_not_available	Why \${namemem} didn't receive a measles or MMR injection? Service is not available	
indv_data_V10	mevac_no_refused_no_unhcr_id	Why \${namemem} didn't receive a measles or MMR injection? Service provider refused to provide me with the service because my child has no valid document e.g. UNHCR ID or birth certificate	
indv_data_V11	mevac_no_cannot_afford_fee	Why \${namemem} didn't receive a measles or MMR injection? Couldn't afford service fees	
indv_data_V12	mevac_no_staff_rude	Why \${namemem} didn't receive a measles or MMR injection? Staff was rude	
indv_data_V13	mevac_no_cannot_comm	Why \${namemem} didn't receive a measles or MMR injection? Language barrier/ couldn't communicate with staff.	
indv_data_V14	mevac_no_dk_where_go	Why \${namemem} didn't receive a measles or MMR injection? Didn't know where to go	
indv_data_V15	mevac_no_too_far	Why \${namemem} didn't receive a measles or MMR injection? Too far/ transportation issue	
indv_data_V16	mevac_no_time_had_work	Why \${namemem} didn't receive a measles or MMR injection? No time to bring child as I had to work/ care for children	
indv_data_V17	mevac_no_info_imm_sche	Why \${namemem} didn't receive a measles or MMR injection? No information about immunization schedule.	
indv_data_V18	mevac_no_trust_vaccine	Why \${namemem} didn't receive a measles or MMR injection? Do not trust vaccine	
indv_data_V19	mevac_no_oth	Why \${namemem} didn't receive a measles or MMR injection? Other, specify	
indv_data_V20	mevac_where	Where did \${namemem} receive the measles vaccine?	
indv_data_V21	mevac_yes_diff	Did \${namemem} face difficulties obtaining the measles vaccine?	
indv_data_V22	mevac_yes_diff_long_wait	If yes, which difficulties did you encounter obtaining the measles vaccine for \${namemem}? Long waiting periods	
indv_data_V23	mevac_yes_diff_staff_rude	If yes, which difficulties did you encounter obtaining the measles vaccine for \${namemem}? Staff were rude	

ID	Name	Label	Question
indv_data_V24	mevac_yes_diff_afford_fee	If yes, which difficulties did you encounter obtaining the measles vaccine for \${namemem}? Could not afford user fees (wasn't free)	
indv_data_V25	mevac_yes_diff_afford_transp	If yes, which difficulties did you encounter obtaining the measles vaccine for \${namemem}? Cannot afford transport	
indv_data_V26	mevac_yes_diff_dk_where	If yes, which difficulties did you encounter obtaining the measles vaccine for \${namemem}? Did not know where to go for vaccines	
indv_data_V27	mevac_yes_diff_cant_comm	If yes, which difficulties did you encounter obtaining the measles vaccine for \${namemem}? Could not communicate with the health service providers	
indv_data_V28	mevac_yes_diff_no_covid	If yes, which difficulties did you encounter obtaining the measles vaccine for \${namemem}? Service not working because of COVID-19	
indv_data_V29	mevac_yes_diff_oth	If yes, which difficulties did you encounter obtaining the measles vaccine for \${namemem}? Other, specify	
indv_data_V30	mevac_yes_diff_dk	If yes, which difficulties did you encounter obtaining the measles vaccine for \${namemem}? Don't know / did not answer	
indv_data_V31	yestbf	Was the \${namemem} breastfed yesterday during the day or at night?	
indv_data_V32	bottle	Did \${namemem} drink anything from a bottle with a nipple yesterday during the day or at night?	
indv_data_V33	school_attended	Has \${namemem} ever attended school or any early childhood education program?	
indv_data_V34	school_highest_attended	What is the highest level of school \${namemem} has attended?	
indv_data_V35	school_highest_completed	What is the highest class/grade \${namemem} completed at that level?	
indv_data_V36	preg	Has \${namemem} been pregnant since arriving in the Country?	
indv_data_V37	preg_2yrs	Is \${namemem} a mother of a child 2 years old or younger?	
indv_data_V38	anc	Did \${namemem} receive any antenatal care at any time during the pregnancy?	
indv_data_V39	freqanc	How many times did \${namemem} visit the clinic and receive antenatal care?	
indv_data_V40	dfanc	Did \${namemem} have any difficulties while getting that care?	
indv_data_V41	resdfcanc_dk_where	If yes, what were those difficulties? Didn't know where to go	
indv_data_V42	resdfcanc_long_wait	If yes, what were those difficulties? Long wait	
indv_data_V43	resdfcanc_staff_rude	If yes, what were those difficulties? Staff was rude	
indv_data_V44	resdfcanc_afford_fee	If yes, what were those difficulties? Couldn't afford user fees (wasn't free)	
indv_data_V45	resdfcanc_too_far	If yes, what were those difficulties? Too far / Transport issues	
indv_data_V46	resdfcanc_no_time_off	If yes, what were those difficulties? Couldn't get time off work / Caring for other children	
indv_data_V47	resdfcanc_due_covid	If yes, what were those difficulties? Due to COVID-19, please specify	
indv_data_V48	resdfcanc_unablelocal_la	If yes, what were those difficulties? Unable to speak the local languages or to communicate with service providers	
indv_data_V49	resdfcanc_oth	If yes, what were those difficulties? Other, specify	

ID	Name	Label	Question
indv_data_V50	resdfcanc_dk	If yes, what were those difficulties? Don't know / did not answer	
indv_data_V51	resdfcanc_covid_not_allowed_mov	If difficulties related to COVID-19, please specify: (COVID-19) Restrictions meant couldn't leave home	
indv_data_V52	resdfcanc_covid_clinic_closed	If difficulties related to COVID-19, please specify: (COVID-19) Health facility not working	
indv_data_V53	resdfcanc_covid_scared_infectio	If difficulties related to COVID-19, please specify: (COVID-19) Fear of going in case get infected	
indv_data_V54	delvrldwhere	Where did the delivery of the child take place?	
indv_data_V55	delvrldhomewhy_no_money	If delivered at home with/without skilled birth attendant, what was the reason? No money to seek delivery care at any health facilities	
indv_data_V56	delvrldhomewhy_no_id	If delivered at home with/without skilled birth attendant, what was the reason? Afraid to go to any health facilities because of the lack of valid identity document	
indv_data_V57	delvrldhomewhy_not_allowed_move	If delivered at home with/without skilled birth attendant, what was the reason? COVID-19 Restrictions (MCO) meant couldn't leave home	
indv_data_V58	delvrldhomewhy_clinic_closed	If delivered at home with/without skilled birth attendant, what was the reason? Health facility not accessible because of COVID-19 measures	
indv_data_V59	delvrldhomewhy_scared_infection	If delivered at home with/without skilled birth attendant, what was the reason? Fear of going in case of getting infected with COVID-19	
indv_data_V60	delvrldhomewhy_oth	If delivered at home with/without skilled birth attendant, what was the reason? Other, specify	
indv_data_V61	delvrldhow	What was the type of delivery?	
indv_data_V62	delvrldpay	Did \${namemem} have to pay for the delivery?	
indv_data_V63	delvrldcost	Approximately how much did \${namemem} pay for the delivery in Malaysian Ringgit?	
indv_data_V64	delvrldprivatwhy	If the delivery took place at a private clinic or hospital what were the reasons for choosing that facility?	
indv_data_V65	delvrldhospitalized	Did the new-born baby need to be admitted or kept in hospital for special care?	
indv_data_V66	hospitalizeddelvrldcost	Approximately how much did \${namemem} pay for the baby's hospital stay?	
indv_data_V67	breastfed	Was the child breastfed within 1 hour of birth?	
indv_data_V68	birthcert	Was the child issued with a birth certificate?	
indv_data_V69	birthcertnowhy_hospital_refused	If the child was not issued with a birth certificate, what were the reasons? Hospital refused to provide birth registration form	
indv_data_V70	birthcertnowhy_no_access_auth		
indv_data_V71	birthcertnowhy_not_delivered_in	If the child was not issued with a birth certificate, what were the reasons? Did not deliver in health facility	
indv_data_V72	birthcertnowhy_dont_know_how	If the child was not issued with a birth certificate, what were the reasons? Did not know how to register birth in Malaysia	
indv_data_V73	birthcertnowhy_oth	If the child was not issued with a birth certificate, what were the reasons? Other, specify	
indv_data_V74	birthcertnowhy_dont_remember	If the child was not issued with a birth certificate, what were the reasons? Don't remember	
indv_data_V75	birthcertnowhy_dk	If the child was not issued with a birth certificate, what were the reasons? Don't know / did not answer	

ID	Name	Label	Question
indv_data_V76	postdlvrddadvise	Was \${namemem} provided with contraceptive (family planning) options / advice following delivery?	
indv_data_V77	postdlvrddcare	Did \${namemem} and the new-born receive any postpartum/postnatal care after delivery? By postpartum/postnatal care, I mean did anyone ask questions about \${namemem} and the new-born health or examine \${namemem} and the new-born?	
indv_data_V78	postdlvrddcarewhere	Where did the first postpartum/postnatal visit take place?	
indv_data_V79	postdlvrddcarefreq	In the 6 weeks after the delivery, how many times did \${namemem} and the baby visit the clinic and receive postpartum/postnatal care?	
indv_data_V80	chron	Does \${namemem} have a chronic disease?	
indv_data_V81	typechron_asthma	Does \${namemem} have any of the following conditions? Asthma	
indv_data_V82	typechron_cancer	Does \${namemem} have any of the following conditions? Cancer	
indv_data_V83	typechron_dm	Does \${namemem} have any of the following conditions? Diabetes	
indv_data_V84	typechron_epilepsy	Does \${namemem} have any of the following conditions? Epilepsy	
indv_data_V85	typechron_liver_disease	Does \${namemem} have any of the following conditions? Liver disease	
indv_data_V86	typechron_ihd	Does \${namemem} have any of the following conditions? Heart disease	
indv_data_V87	typechron_htn	Does \${namemem} have any of the following conditions? Hypertension	
indv_data_V88	typechron_kidney_disease	Does \${namemem} have any of the following conditions? Kidney disease	
indv_data_V89	typechron_mental	Does \${namemem} have any of the following conditions? Mental illness	
indv_data_V90	typechron_musculoskel_disor	Does \${namemem} have any of the following conditions? Musculo-skeletal (e.g. deformity, walking difficulty)	
indv_data_V91	typechron_neurological_disease	Does \${namemem} have any of the following conditions? Neurological disease	
indv_data_V92	typechron_oth	Does \${namemem} have any of the following conditions? Other, specify	
indv_data_V93	typechron_dk	Does \${namemem} have any of the following conditions? Don't know / did not answer	
indv_data_V94	dfcchron	Has \${namemem} been able to access medicine or other health services for her/his chronic condition in the last three months?	
indv_data_V95	dfcchronwhy_long_wait	If no, what were the reasons for \${namemem}'s inability to access medicine or other services? Long wait	
indv_data_V96	dfcchronwhy_staff_rude	If no, what were the reasons for \${namemem}'s inability to access medicine or other services? Staff were rude	
indv_data_V97	dfcchronwhy_not_availablefa	If no, what were the reasons for \${namemem}'s inability to access medicine or other services? Was not available in facility	
indv_data_V98	dfcchronwhy_afford_fee	If no, what were the reasons for \${namemem}'s inability to access medicine or other services? Couldn't afford user fees	
indv_data_V99	dfcchronwhy_afford_transp	If no, what were the reasons for \${namemem}'s inability to access medicine or other services? Can't afford transport	

ID	Name	Label	Question
indv_data_V100	dfcchronwhy_dk_where	If no, what were the reasons for \${namemem}'s inability to access medicine or other services? Don't know where to go	
indv_data_V101	dfcchronwhy_unablelocal	If no, what were the reasons for \${namemem}'s inability to access medicine or other services? Couldn't communicate in the same language as the service provider	
indv_data_V102	dfcchronwhy_oth	If no, what were the reasons for \${namemem}'s inability to access medicine or other services? Other, specify	
indv_data_V103	dfcchronwhy_dk	If no, what were the reasons for \${namemem}'s inability to access medicine or other services? Don't know / did not answer	
indv_data_V104	dfcchronyeswhere_public_fac	If yes, where did \${namemem} receive medical care and medicines for her/his chronic conditions? Public facility (Government health clinic (KK) or hospital)	
indv_data_V105	dfcchronyeswhere_private_fac	If yes, where did \${namemem} receive medical care and medicines for her/his chronic conditions? Private facility (private clinic or hospital)	
indv_data_V106	dfcchronyeswhere_ngo_fac	If yes, where did \${namemem} receive medical care and medicines for her/his chronic conditions? NGO health clinic e.g. Tzu Chi, MSF, QFFD clinic, Klinik Kecheerian or others	
indv_data_V107	dfcchronyeswhere_oth	If yes, where did \${namemem} receive medical care and medicines for her/his chronic conditions? Other, specify	
indv_data_V108	dfcchroncost	How much money does \${namemem} has to pay from her/his pocket for the monthly chronic medication?	
indv_data_V109	impair	Does \${namemem} have an impairment?	
indv_data_V110	typeimpair_physical_impairment	What kind of impairment does \${namemem} have? Physical impairment (fractures, burns, deformities ...)	
indv_data_V111	typeimpair_mental_impairment	What kind of impairment does \${namemem} have? Mental impairment (Specify: epilepsy, depression, PTSD, alcohol/ substance abuse, psychosis, medically unexplained complaint)	
indv_data_V112	typeimpair_intell_impairm	What kind of impairment does \${namemem} have? Intellectual impairment (developmental delay, etc, relating to cognitive abilities)	
indv_data_V113	typeimpair_sensory_impairment	What kind of impairment does \${namemem} have? Sensory impairment (deaf, blind...)	
indv_data_V114	typeimpair_speech_impairment	What kind of impairment does \${namemem} have? Speech impairment	
indv_data_V115	typeimpair_oth	What kind of impairment does \${namemem} have? Other, specify	
indv_data_V116	typeimpair_dk	What kind of impairment does \${namemem} have? Don't know / did not answer	
indv_data_V117	causeimpair	What was the cause of the impairment?	
indv_data_V118	treatimpair	Where did \${namemem} receive her/his first treatment for the impairment?	
indv_data_V119	surgicaltreatimpair	Has \${namemem} received surgical treatment for her/his impairment?	
indv_data_V120	psychotreatimpair	Has \${namemem} received psychosocial support for her/his impairment?	
indv_data_V121	rehabimpair	Has \${namemem} received rehabilitation for her/his impairment?	
indv_data_V122	assistdeviceimpair	Has \${namemem} received assistive devices (such as crutches, walking frame and wheelchair) for her/his impairment?	

ID	Name	Label	Question
indv_data_V123	careforimpair_received_care	What prevented \${namemem} from getting proper care for her/his impairment? Not applicable. Was able to get care needed	
indv_data_V124	careforimpair_feltunn	What prevented \${namemem} from getting proper care for her/his impairment? Felt it was unnecessary	
indv_data_V125	careforimpair_afford_fee	What prevented \${namemem} from getting proper care for her/his impairment? Couldn't afford user fees	
indv_data_V126	careforimpair_too_far	What prevented \${namemem} from getting proper care for her/his impairment? Too far / Transport issues	
indv_data_V127	careforimpair_no_available	What prevented \${namemem} from getting proper care for her/his impairment? No services available	
indv_data_V128	careforimpair_dk_where	What prevented \${namemem} from getting proper care for her/his impairment? Did not know where to go	
indv_data_V129	careforimpair_security_issues	What prevented \${namemem} from getting proper care for her/his impairment? Security issues	
indv_data_V130	careforimpair_cant_comm	What prevented \${namemem} from getting proper care for her/his impairment? Couldn't communicate in the same language as the service provider	
indv_data_V131	careforimpair_oth	What prevented \${namemem} from getting proper care for her/his impairment? Other, specify	
indv_data_V132	careforimpair_dk	What prevented \${namemem} from getting proper care for her/his impairment? Don't know / did not answer	
indv_data_V133	healhcare_need	In the past month, has \${namemem} needed access to health care services at any point?	
indv_data_V134	hc_need_where	Where was the first place \${namemem} went to seek health care?	
indv_data_V135	hc_1st_place	Was \${namemem} able to get health care at the first place she/he sought care?	
indv_data_V136	hc_1st_no_refused_health_cen	What prevented him/her from getting care at the first place she/he sought care? Health centre refuse to provide services	
indv_data_V137	hc_1st_no_afford_fee	What prevented him/her from getting care at the first place she/he sought care? Couldn't afford user fees	
indv_data_V138	hc_1st_no_too_far	What prevented him/her from getting care at the first place she/he sought care? Too far / Transport issues	
indv_data_V139	hc_1st_no_time_off	What prevented him/her from getting care at the first place she/he sought care? Couldn't get time off work / Caring for other children	
indv_data_V140	hc_1st_no_dk_where	What prevented him/her from getting care at the first place she/he sought care? Did not know where to go	
indv_data_V141	hc_1st_no_dont_like_servicessta	What prevented him/her from getting care at the first place she/he sought care? Do not like the health services/staff	
indv_data_V142	hc_1st_no_cant_comm_lang	What prevented him/her from getting care at the first place she/he sought care? Couldn't communicate in the same language with the health service provider	
indv_data_V143	hc_1st_no_oth	What prevented him/her from getting care at the first place she/he sought care? Other, specify	
indv_data_V144	hc_1st_no_dk	What prevented him/her from getting care at the first place she/he sought care? Don't know / did not answer	
indv_data_V145	hc_1st_pay	Did \${namemem} have to pay out-of-pocket fees for the health care services given at the first place she/he sought care?	
indv_data_V146	hc_1st_cost	How much did \${namemem} pay in Malaysian Ringgit?	
indv_data_V147	hc_1st_satis	Overall, was \${namemem} satisfied with the healthcare services received from the first place she/he sought care?	

ID	Name	Label	Question
indv_data_V148	hc_1st_satis_why_helpful_prov	If \${namemem} was satisfied with the healthcare services, why? Health providers were helpful Health providers were helpful	
indv_data_V149	hc_1st_satis_why_lang	If \${namemem} was satisfied with the healthcare services, why? Interpreter was available to help me understand what the doctor said Interpreter was available to help me understand what the doctor said	
indv_data_V150	hc_1st_satis_why_easy_navigate	If \${namemem} was satisfied with the healthcare services, why? Easy to navigate around the health facility to receive the needed care Easy to navigate around the health facility to receive the needed care	
indv_data_V151	hc_1st_satis_why_expected_wait	If \${namemem} was satisfied with the healthcare services, why? Wait time as expected Wait time as expected	
indv_data_V152	hc_1st_satis_why_oth	If \${namemem} was satisfied with the healthcare services, why? Other, specify Other, specify	
indv_data_V153	hc_1st_satis_whynot_rude	If \${namemem} was not satisfied with the healthcare services, please specify the reasons why not? Staff were very rude to me Staff were very rude to me	
indv_data_V154	hc_1st_satis_whynot_long_wait	If \${namemem} was not satisfied with the healthcare services, please specify the reasons why not? Long waiting time Long waiting time	
indv_data_V155	hc_1st_satis_whynot_felt_unwelc	If \${namemem} was not satisfied with the healthcare services, please specify the reasons why not? Felt unwelcomed by the providers Felt unwelcomed by the providers	
indv_data_V156	hc_1st_satis_whynot_dr_lack	If \${namemem} was not satisfied with the healthcare services, please specify the reasons why not? Doctor was not attentive to my problem/main complaints Doctor was not attentive to my problem/main complaints	
indv_data_V157	hc_1st_satis_whynot_expensive	If \${namemem} was not satisfied with the healthcare services, please specify the reasons why not? Expensive Expensive	
indv_data_V158	hc_1st_satis_whynot_oth	If \${namemem} was not satisfied with the healthcare services, please specify the reasons why not? Other, specify Other, specify	
indv_data_V159	hc_ref	Was \${namemem} referred somewhere else or did \${namemem} seek care elsewhere?	
indv_data_V160	hc_ref_where	Where was \${namemem} referred to or went to seek care?	
indv_data_V161	hc_ref_accepted	Was \${namemem} able to get health care services there?	
indv_data_V162	hc_ref_naccept_why_feltunn	What prevented \${namemem} from getting care? Felt it was unnecessary	
indv_data_V163	hc_ref_naccept_why_afford_fee	What prevented \${namemem} from getting care? Couldn't afford user fees (want free)	
indv_data_V164	hc_ref_naccept_why_too_far	What prevented \${namemem} from getting care? Too far / Transport issues	
indv_data_V165	hc_ref_naccept_why_no_time_off	What prevented \${namemem} from getting care? Couldn't get time off work / Caring for other children	
indv_data_V166	hc_ref_naccept_why_dk_where	What prevented \${namemem} from getting care? Didn't know where to go	
indv_data_V167	hc_ref_naccept_why_dont_like_se	What prevented \${namemem} from getting care? Don't like the health services/staff	
indv_data_V168	hc_ref_naccept_why_refused_h	What prevented \${namemem} from getting care? Health centre refuse to provide services	
indv_data_V169	hc_ref_naccept_why_cant_communi	What prevented \${namemem} from getting care? Couldn't communicate in the same language as the service provider	

ID	Name	Label	Question
indv_data_V170	hc_ref_naccept_why_oth	What prevented \${namemem} from getting care? Other, specify	
indv_data_V171	hc_ref_naccept_why_dk	What prevented \${namemem} from getting care? Don't know / did not answer	
indv_data_V172	hc_ref_paid	Did \${namemem} have to pay for the referral services out-of-pocket?	
indv_data_V173	hc_ref_cost	How much did \${namemem} pay for the referral services in Malaysian Ringgit?	
indv_data_V174	hc_ref_satis	Overall, was \${namemem} satisfied with the healthcare services received at the referral / secondary facility?	
indv_data_V175	hc_ref_satis_why_helpful_prov	If \${namemem} was satisfied with the healthcare services, why? Health providers were helpful Health providers were helpful	
indv_data_V176	hc_ref_satis_why_lang	If \${namemem} was satisfied with the healthcare services, why? Interpreter was available to help me understand what the doctor said Interpreter was available to help me understand what the doctor said	
indv_data_V177	hc_ref_satis_why_easy_navigate	If \${namemem} was satisfied with the healthcare services, why? Easy to navigate around the health facility to receive the needed care Easy to navigate around the health facility to receive the needed care	
indv_data_V178	hc_ref_satis_why_expected_wait	If \${namemem} was satisfied with the healthcare services, why? Wait time as expected Wait time as expected	
indv_data_V179	hc_ref_satis_why_oth	If \${namemem} was satisfied with the healthcare services, why? Other, specify Other, specify	
indv_data_V180	hc_ref_satis_whynot_rude	If \${namemem} was not satisfied with the healthcare services, why? Staff were very rude to me Staff were very rude to me	
indv_data_V181	hc_ref_satis_whynot_long_wait	If \${namemem} was not satisfied with the healthcare services, why? Long waiting time Long waiting time	
indv_data_V182	hc_ref_satis_whynot_felt_unwelc	If \${namemem} was not satisfied with the healthcare services, why? Felt unwelcomed by the providers Felt unwelcomed by the providers	
indv_data_V183	hc_ref_satis_whynot_dr_lack	If \${namemem} was not satisfied with the healthcare services, why? Doctor was not attentive to my problem/main complaints Doctor was not attentive to my problem/main complaints	
indv_data_V184	hc_ref_satis_whynot_expensive	If \${namemem} was not satisfied with the healthcare services, why? Expensive Expensive	
indv_data_V185	hc_ref_satis_whynot_oth	If \${namemem} was not satisfied with the healthcare services, why? Other, specify Other, specify	
indv_data_V186	hostptlzd	Was \${namemem} hospitalized during the past year?	
indv_data_V187	hostptlzdwhere	What type of hospital was \${namemem} admitted to?	
indv_data_V188	hostptlzdtype	What was the type of the hospitalization?	
indv_data_V189	hostptlzdref	How was \${namemem} admitted to the hospital?	
indv_data_V190	hostptlzd days	How many days did \${namemem} stay in the hospital?	
indv_data_V191	hostptlzd paid	Did \${namemem} have to pay for the hospitalization?	
indv_data_V192	hostptlzd paid amount	What was the amount of money that \${namemem} has to pay to the hospital in Malaysian Ringgit?	
indv_data_V193	hosp_yes		
indv_data_V194	weight	Design Weight	

Total: 194