

MH DATABASE DOCUMENTATION

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1. Table name: Concept

Stores metadata about various concepts used in the study. No Primary Key Specified.

Destination Field	Description	Type	Comment
concept_vocabulary	Text identifier for the concept vocabulary i.e LOINC, SNOMED, INSPIRE	TEXT	
concept_code	Code representing the concept	TEXT	
concept_text	Description or text of the concept.	TEXT	
start_date	Validity period for the concept	DATE	
end_date	Validity period for the concept	DATE	
inspire_concept_id	Numeric identifiers for the concept	FLOAT	
concept_id	Numeric identifiers for the concept	FLOAT	
score	Text score or rating for the concept i.e scores for questionnaire items	TEXT	

2. Table name: Data capture Event

Destination Field	Description	Type	Comment
data_capture_id	Unique identifier for the data capture event	INT	Primary Key
wave_id	References the wave during which the event occurred	INT	
instrument_id	References the instrument used	INT	
completion_status		VARCHAR	
data_quality_indicator		VARCHAR	
mode_of_collection_description		VARCHAR	
mode_of_collection_type		VARCHAR	
data_capture_collector		VARCHAR	
data_source_description		VARCHAR	
data_source_type		VARCHAR	
data_capture_event_date		DATE	

3. Table name: Household

Contains information about households.

Destination Field	Description	Type	Comment
household_id	Unique identifier for the household	INT	Primary Key
household_id_value	Text representation of the household ID	TEXT	
location_id	References the location of the household	INT	Foreign key
household_head_id	References the head of the household	INT	

4.Table name: Household Characteristics

Records characteristics of households.

Destination Field	Description	Type	Comment
household_characteristics_id	Unique identifier for household characteristics	BIGINT	Primary Key
household_id	References the household	INT	Foreign key
wave_id	References the wave of data collection	INT	Foreign key
household_characteristics_concept_id	Concept ID for different household characteristics	BIGINT	
household_characteristics_concept_text	Text description of the concept	VARCHAR	

5. Table name: Individual

Holds data about individuals in households.

Destination Field	Description	Type	Comment
individual_id	Unique identifier for the individual	INT	Primary Key
individual_id_value	Text representation of the individual ID	TEXT	
household_id	References the household to which the individual belongs	INT	Foreign key
gender_concept_id	Concept ID for male or female	INT	
first_wave_id	The ID of the wave in which an individual has joined the study	INT	
age_at_first_wave	Age of individual at baseline.	INT	
year_of_birth	Birth year	INT	
is_household_head	It tells if an individual is the head of the household or not	BOOLEAN	

6. Table name: Individual Demographics

Stores demographic data related to individuals.

Destination Field	Description	Type	Comment
individual_demographics_id	Unique identifier for individual demographics	BIGINT	Primary Key
individual_id	References the individual	INT	
individual_concept_id	Concept ID for individual demographics	BIGINT	
individual_concept_id_text	Text description of the concept	VARCHAR	

7. Table name: Instrument

Contains information about the instruments used in data collection.

Destination Field	Description	Type	Comment
instrument_id	Unique identifier for the instrument	INT	Primary Key
name	Name the instrument	TEXT	
description	What the instrument measures	TEXT	
instrument_type_concept_id		BIGINT	
version		FLOAT	
version_date		DATE	
language_concept_id		INT	

8. Table name: Instrument Item

Details items within each instrument.

Destination Field	Description	Type	Comment
instrument_item_id	Unique identifier for the instrument item	INT	Primary Key
instrument_id	References the instrument	INT	
name	Instrument item question number	VARCHAR	
description	Instrument item question description	TEXT	
instrument_item_type_concept_id		INT	
instrument_item_concept_vocabulary		VARCHAR	
instrument_item_concept_vocabulary_id		INT	
alternative_instrument_item_concept_vocabulary		VARCHAR	
alternative_instrument_item_concept_vocabulary_id		INT	
result_not_null_answer_list_concept_vocabulary		VARCHAR	

9.Table name: Interview

Logs interviews conducted with individuals.

Destination Field	Description	Type	Comment
interview_id	Unique identifier for the interview	INT	Primary Key
individual_id	References the individual interviewed	INT	
interview_date		DATE	
wave_id		INT	Foreign key
instrument_id		INT	Foreign key

10. Table name: Location

Geographical information about locations.

Destination Field	Description	Type	Comment
location_id	Unique identifier for the location	INT	Primary Key
village_name	The name of the village	VARCHAR	
place_kind	Location setting of the village. Rural, semi-urban, or urban	VARCHAR	
latitude	The latitude of the village/ area	FLOAT	
longitude	The longitude of the village/ area	FLOAT	

11. Table name: Longitudinal Population Study Fact

Records detailed facts and data points collected during the study.

Destination Field	Description	Type	Comment
fact_id	Unique identifier for the fact	BIGINT	Primary Key
individual_id	References to unique individual	BIGINT	Foreign key
interview_id	References to unique interview_id	BIGINT	Foreign key
resident_episode_id	References to unique resident_episode	BIGINT	Foreign key
population_study_id	References to unique population study	BIGINT	Foreign key
instrument_id	References to unique instrument	BIGINT	Foreign key
instrument_item_id	References to unique instrument_item	BIGINT	Foreign key
concept_id	Concept ID of the response to the questions	BIGINT	
value_type_concept_id	Concept ID of the questions	BIGINT	
value_as_char	Concept text of response to questions.	VARCHAR	
value_as_num	response to questions if it is a number.	FLOAT	
value_as_concept	inspire_concept_id of the Instrument_items	BIGINT	
is_indv_level		BOOLEAN	

12. Table name: Methodology

Details the methodologies used in the study.

Destination Field	Description	Type	Comment
methodology_id	Unique identifier for the methodology	INT	Primary Key
data_collection_methodology_description		VARCHAR	
data_collection_methodology_type		VARCHAR	
time_method_description		VARCHAR	
time_method_type		VARCHAR	
sampling_procedure_description		VARCHAR	
sampling_procedure_type		VARCHAR	
data_collection_software_name		VARCHAR	
data_collection_software_version		VARCHAR	
data_collection_software_package_type		VARCHAR	
quality_statement_standard_name		VARCHAR	
quality_statement_standard_description		VARCHAR	
population_study_id	Unique identifier for the study	INT	

13. Table name: Population Study

Contains overarching information about the population study. Each methodology and wave of data collection is associated with a population study.

Destination Field	Description	Type	Comment
name	Unique identifier for the methodology	VARCHAR	
description		TEXT	
country		TEXT	
abstract		TEXT	
phenotype_description		TEXT	
outcome_phenotype_description		TEXT	
covariates_description		TEXT	
analyses_supported_text		TEXT	
version		FLOAT	
version_date		DATE	
citation_creators		TEXT	
citation_contributors		TEXT	
universe_spatial_coverage_text		TEXT	
population_study_id	Unique identifier for the study	INT	Primary Key
doi_registry		TEXT	
doi_value		TEXT	
url		TEXT	
citation_title		TEXT	
citation_publisher		TEXT	
citation_language_concept_id		FLOAT	
keywords		TEXT	
universe_spatial_coverage_concept_id		TEXT	
universe_spatial_temporal_coverage		TEXT	
analyses_supported_concept_id		FLOAT	

14. Table name: Resident Episode

Tracks residence episodes of individuals.

Destination Field	Description	Type	Comment
resident_episode_id	Unique identifier for the resident episode	INT	Primary Key
location_id	References to unique location	INT	Foreign key
household_id	References to unique household	INT	Foreign key
wave_id	References to unique wave	INT	Foreign key

15. Table name: Wave

Details waves of data collection.

Destination Field	Description	Type	Comment
wave_id	Unique identifier for the wave	INT	Primary Key
name		VARCHAR	
description		TEXT	
instrument_model_type_concept_id		BIGINT	
start_date		DATE	
end_date		DATE	
kind_of_data_concept_id		INT	
authorizing_agency_concept_id		INT	
authorizing_statement		TEXT	
population_study_id	Unique identifier for the study	INT	