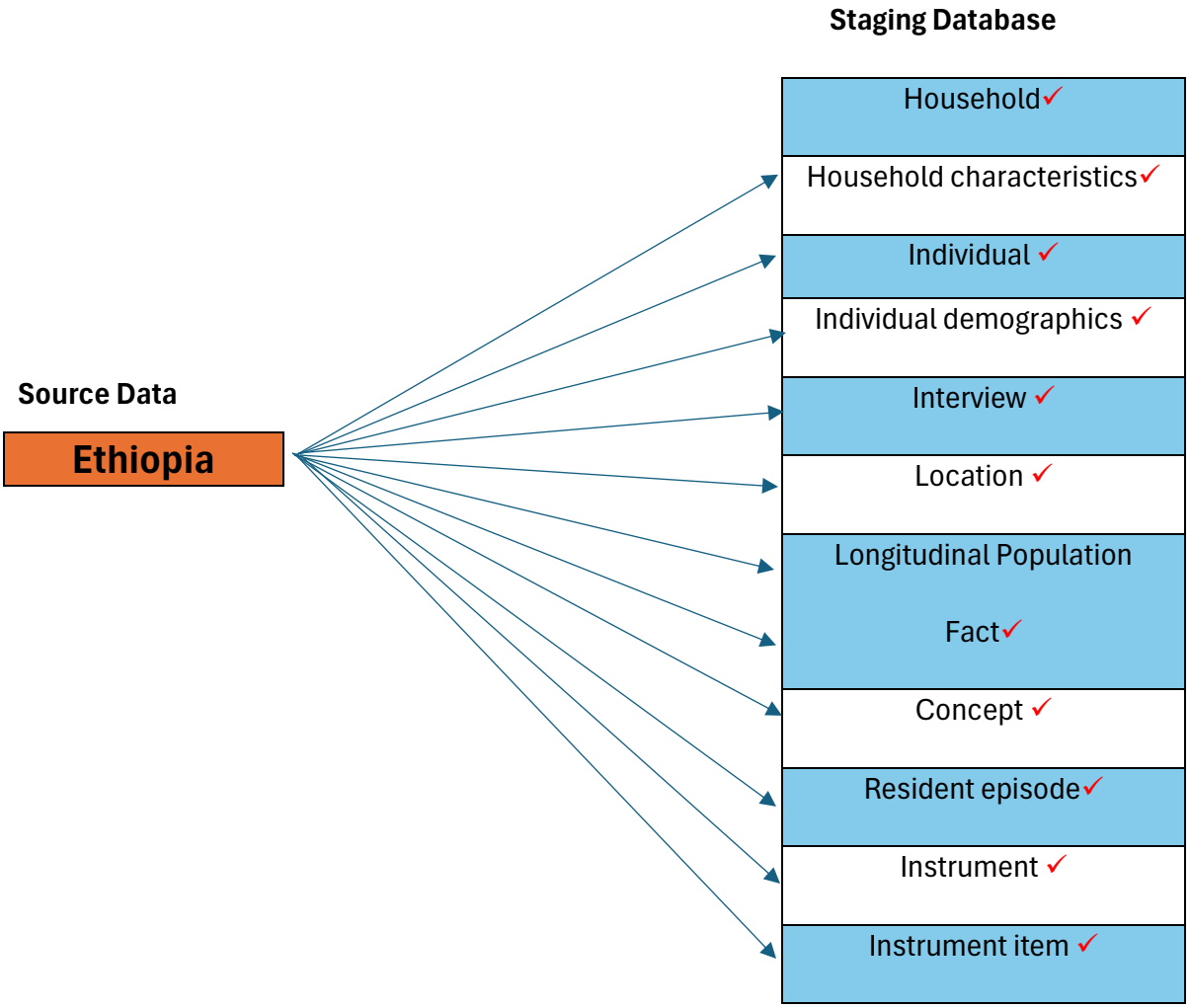
MAPPING FROM SOURCE DATA TO STAGING DATABASE



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Individual table

Destination Field	Source Field	Logic	Comment
individual_id			Autogenerated, continue from last individual ID
individual_id_value	id_gen		Actual ID from dataset
household_id			Autogenerated, continue from last household ID
gender_concept_id	gender		All females indicate 8532
first_wave_id			indicate 1
age_at_first_wave	dob		Subtract DOB from Date of First wave
year_of_birth	dob		Extract from DOB
is_household_head			Indicate false, since unknown

Individual demographics table

Destination Field	Source Field	Logic	Comment
individual_demographics_id			Autogenerated, continue from last individual ID
individual_id			FK from individual table
individual_concept_id	Marital Status Gravid Parity BMI Mode of delivery Fetal outcome Race		Indicate concept id for individual characteristics
individual_concept_id_text	Marital Status Gravid Parity BMI Mode of delivery Fetal outcome Race		Indicate verbatim values for the concept id's

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Household table

Destination Field	Source Field	Logic	Comment
household_id	Auto generated		Continue generating from last household id
household_id_value			Indicate as 0 since not present in dataset
location_id	residence		Indicate 7568 for Rural and 7569 for urban
household_head_id			Indicate as 0 since not present in dataset

Household Characteristics

Destination Field	Source Field	Logic	Comment
household_characteristics_id			Autogenerated from last id
household_id			FK from household table
wave_id			FK from wave table
household_characteristics_concept_id	famsize		Indicate concept id's as follows: 3000000212-Household Size of One 3000000213 - Household Size of Two to Four 3000000214-Household Size of Five to Nine

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			3000000215-Household Size of Ten to Fourteen 3000000216-Household Size of Fifteen or More
household_characteristics_concept_text	famsize		Indicate text value of the household characteristics, i.e household size

Interview table

Destination Field	Source Field	Logic	Comment
interview_id			Autogenerated
individual_id			FK from individual table
interview_date			For time 1, indicate: "2020-11-12." For time 2, indicate: "2020-12-24." For time 3, indicate: "2021-02-04"
wave_id			FK from wave table
instrument_id			FK from instrument table

Location table

Destination Field	Source Field	Logic	Comment
location_id			Autogenerated, continue from last location id
village_name			Indicate “South Gondar Zone”
place_kind	residence		Rural or Urban
latitude			Latitude of South Gondar Zone in Northwest Ethiopia (11.7746)
longitude			Longitude of South Gondar Zone in Northwest Ethiopia (38.1477)

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Resident episode

Destination Field	Source Field	Logic	Comment
resident_episode_id			Autogenerated from last “ID”
location_id			FK from location table
household_id			FK from household table
wave_id			Indicate 3, 4,5 for population study 2, and 6,7,8 for population study 3

Concepts table

Destination Field	Source Field	Logic	Comment
"concept_vocabulary"			Indicate concept vocabulary i.e. SNOMED, LOINC or INSPIRE
"concept_code"			Indicate concept code as it appears in SNOMED, LOINC, if absent indicate INSPIRE concept code
"concept_text"			Indicate corresponding concept text
"start_date"			SET to 23-Mar-2024
"end_date"			SET to 31-Dec-2099
"inspire_concept_id"			Continue from last

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			inspire concept id
"concept_id"			Indicate concept id from Athena
"score"			SET TO NULL

Instrument

Destination Field	Source Field	Logic	Comment
"instrument_id"			Autogenerated from last instrument id
"name"	World Health Organisation Disability Assessment Schedule (WHODAS 2.0), World Health Organization Quality-of-Life Scale (WHOQOL-BREF), Oslo 3-items social support scale, List of Threatening Experiences (LTE), Wijma Delivery Expectation/Experience Questionnaire (W-DEQ), WHO (2005) multi country study questionnaire Traumatic Event Scale		Indicate name of instrument
"description"	Measures health and disability , Measures quality of life, Measures social support, Measures experience of stressful life events,		Indicate description of the instrument (i.e What it is used to measure)

	Measures fear of childbirth, Measure Domestic Violence, Measure Child birth stressor/ Traumatic birth		
"instrument_type_concept_id"			Indicate concept id from Athena, if unavailable, use INSPIRE concept id
"version"			Indicate version as it appears in Athena
"version_date"			Use version_date as it appears in Athena
"language_concept_id"			Indicate 45882691 For English

Instrument Item

Destination Field	**Source Field**	**Logic**	**Comment**
instrument_item_id			Autogenerated from last instrument item id
instrument_id			FK from instrument table
name			**Name of instrument item, will be:** WHODAS 2.0 WHOQOL-BREF Oslo 3-item LTE

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			W-DEQ WHO (2005) TES
description			**Description of what the instrument item measures, indicate:** World Health Organisation Disability Assessment Schedule (WHODAS 2.0) score for WHODAS, World Health Organization Quality-of-Life Scale (WHOQOL-BREF) total score FOR WHOQoL, Oslo 3-items social support scale total score for OSLO 3-item, healthrisk outcome (yes or no) for **LTE-health** deathloved outcome (yes or no) **LTE-death** , relationproblem outcome (yes or no) **for LTE-relation** , legalissue for **LTE-legal** , outcome (yes or no) for

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			incomeinstability outcome(yes or no) for **LTE-income** Fear of childbirth total score Psychological violence outcome(yes or no) Measure Child birth stressor/ Traumatic birth outcome
instrument_item_type_concept_id			Indicate concept id's from inspire
instrument_item_concept_vocabulary			Indicate INSPIRE
instrument_item_concept_vocabulary_id			SET TO NULL
alternative_instrument_item_concept_vocabulary			SET TO NULL
alternative_instrument_item_concept_vocabulary_id			SET TO NULL
result_not_null_answer_list_concept_vocabulary			SET TO NULL

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Longitudinal Population Fact

Destination Field	Source Field	Logic	Comment
fact_id			Autogenerated from last fact_id
individual_id			FK from individual table
interview_id			FK from interview table
resident_episode_id			FK from resident_episode table
population_study_id			Indicate 2
instrument_id			FK from instrument table
instrument_item_id			FK from instrument_item table
concept_id			Fetch corresponding concept_id of the answers from concept table
value_type_concept_id			Indicate concept_id of the questionnaire items
value_as_char			Indicate actual answers from the questionnaire
value_as_num			Indicate scores of the answers
value_as_concept			Indicate INSPIRE concept id's
is_indv_level			SET TO NULL