

Data Dictionary

Project: Assessing the Civilian Impact of International Sanctions on Economic and Social Well-Being
Milestone: 1

Purpose of the Data Dictionary

This data dictionary documents all variables used in the project, including definitions, data types, units of measurement, and data sources. It ensures clarity, transparency, consistency, and reproducibility of the analysis.

Table 1: Sanctions Data

Variable Name	Description	Data Type	Unit	Source
country	Target country of sanction episode	String	Country name	GSDB / UN / OFAC / EU
year	Calendar year of observation	Integer	YYYY	GSDB / GDELT
sanction_active	Binary indicator for sanction presence	Integer	0 = No, 1 = Yes	GSDB
sanction_type	Classification of sanction instrument	String	Trade / Financial / Targeted	GSDB
sanction_severity_index	Composite sanction intensity measure	Float	Index (scaled)	Constructed
sanction_event_count	Aggregated sanction-related news events	Integer	Event count	GDELT

Table 2: Macroeconomic Indicators

Variable Name	Description	Data Type	Unit	Source
country	Reporting country	String	Country name	World Bank / IMF
year	Calendar year of observation	Integer	YYYY	World Bank / IMF
gdp_growth	Real GDP annual growth rate	Float	Percentage (%)	World Bank / IMF
inflation_rate	Consumer price inflation (annual)	Float	Percentage (%)	World Bank
unemployment_rate	Total unemployment rate (labor force)	Float	Percentage (%)	ILOSTAT

Table 3: Trade and Sectoral Data

Variable Name	Description	Data Type	Unit	Source
country	Reporting country	String	Country name	UN Comtrade
year	Calendar year of trade data	Integer	YYYY	UN Comtrade
food_imports	Aggregated value of food imports (HS codes 01–24)	Float	USD (current)	UN Comtrade
medicine_imports	Aggregated value of pharmaceutical imports (HS code 30)	Float	USD (current)	UN Comtrade
oil_exports	Crude oil export value or volume	Float	USD or barrels	UN Comtrade
fuel_imports	Import value of refined fuel products	Float	USD (current)	UN Comtrade

Table 4: Social and Household Indicators

Variable Name	Description	Data Type	Unit	Source
country	Reporting country	String	Country name	DHS / UNICEF / World Bank
year	Calendar year of observation	Integer	Year (YYYY)	DHS / MICS
poverty_rate	National poverty headcount ratio	Float	Percentage (%)	World Bank
gini_index	Income inequality index	Float	0–100 scale	World Bank
child_mortality_u5	Under-five mortality rate	Float	Deaths per 1,000 live births	DHS / UNICEF
nutrition_indicator	Prevalence of child stunting	Float	Percentage (%)	DHS / UNICEF
school_enrollment	Net school enrollment rate	Float	Percentage (%)	UNESCO

Shared Keys and Integration

Variable	Purpose
country	Used to align all datasets across tables
year	Used to match observations temporally in panel format

Data Usage Disclaimer

All data used in this project is observational. Identified relationships represent associations and do not imply causation. Causal interpretation requires structured econometric methods implemented in later stages of the project.