

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 (Global Sanctions Data Base – GSDB)

Variable Name	Description	Data Type	Unit	Source
country	Target country of sanction episode	String	ISO3 country code	GSDB
year	Calendar year of observation	Integer	YYYY	Constructed (start/end years)
sanction_active	Indicator for whether sanctions are active	Integer	0 = No, 1 = Yes	Constructed from GSDB
sanction_type	Type of sanction (trade, financial, targeted)	String	Category label	GSDB
sanction_duration	Number of consecutive years under sanction	Integer	Years	Constructed
sanction_intensity_index	Composite measure of sanction severity	Float	Scaled index	Constructed from GSDB

Table 2: Macroeconomic Indicators (World Bank WDI)

Variable Name	Description	Data Type	Unit	Source
country	Reporting country	String	ISO3 country code	World Bank WDI
year	Calendar year of observation	Integer	YYYY	World Bank WDI
gdp_growth	Annual GDP growth rate	Float	Percent (%)	WDI (NY.GDP.MKTP.KD.ZG)
inflation_rate	Annual consumer price inflation	Float	Percent (%)	WDI (FP.CPI.TOTL.ZG)
unemployment_rate	Total unemployment rate	Float	Percent (%)	WDI (SL.UEM.TOTL.ZS)
poverty_rate	Poverty headcount ratio	Float	Percent (%)	WDI (SI.POVT.DDAY)
gini_index	Income inequality index	Float	0–100 scale	WDI (SI.POVT.GINI)
child_mortality_u_5	Under-five mortality rate	Float	Deaths per 1,000	WDI (SH.DYN.MORT)
school_enrollment_t	Net primary school enrollment rate	Float	Percent (%)	WDI (SE.PRM.NENR)

Table 3: Trade and Sectoral Data (UN Comtrade)

Variable Name	Description	Data Type	Unit	Source
country	Reporting country	String	ISO3 country code	UN Comtrade
year	Calendar year of trade data	Integer	YYYY	UN Comtrade
food_imports	Total imports of food products (HS 01–24)	Float	USD (current)	Constructed from HS aggregation
pharma_imports	Total imports of pharmaceuticals (HS 30)	Float	USD (current)	Constructed from HS aggregation
oil_exports	Total exports of crude oil (HS 27)	Float	USD (current)	Constructed from HS aggregation
fuel_imports	Total imports of refined fuel products (HS 27)	Float	USD (current)	Constructed from HS aggregation

Table 4: Political and Conflict Indicators

Variable Name	Description	Data Type	Unit	Source
country	Reporting country	String	ISO3 country code	UCDP / Polity / Archigos
year	Calendar year of observation	Integer	YYYY	UCDP / Polity / Archigos
conflict_incidence	Indicator of armed conflict presence	Integer	0 = No, 1 = Yes	UCDP
conflict_intensity	Conflict severity measure	Integer	Battle-related deaths	UCDP
regime_score	Regime type score	Integer	-10 to +10 scale	Polity V
leader_change	Indicator of leadership turnover	Integer	0 = No, 1 = Yes	Archigos

Shared Keys and Integration

Variable	Purpose
country	Standardized ISO3 code used to align all datasets
year	Calendar year used to merge panel observations

Data Usage Disclaimer

All data used in this project is observational. Identified relationships represent associations and do not imply causation. Causal interpretation relies on structured econometric models, including fixed-effects and event-study approaches implemented in later stages of the project.