

UN Statistical Compendium

2000–2025

Variable Codebook

Global Country & Region Panel

Population, economy, education, energy, crime, health, governance, migration,
labour, and emissions

N = 3,163 | 59 variables

Note: Population variables interpolated linearly between observed values; pre-series NAs backward-filled. 'Last Election Date footnote' column contains no data. Sources: UNPD, UN SNA, UNESCO, UN Energy Stats, UNODC, WHO, IPU, ITU, UN DESA, UNHCR, ILO, UNFCCC.

United Nations Statistical Division | <https://unstats.un.org>

Notes on Variable Coverage

Not every variable is available for every country and year. The Coverage column uses the following symbols:

- ✓ All years — available across the full 2000–2025 panel.
- ⚠ Partial — available for a subset of years or countries; year range and notes shown in red.

Population variables (total, male, female, sex ratio, age structure, density) have been linearly interpolated between observed values within each country/region. NAs that appear before the first observed value are backward-filled from that value. Fifty-four entity-year observations remain NA where no population data exist at all for that entity. All other variables retain their original observed values with no imputation.

Variable Coverage Summary

All 58 variables listed by section with their coverage window and any gaps. Interpolated population variables are marked as full-coverage; all others retain original observed ranges.

Variable	Section	Years Covered	Not Covered / Gaps
Identifiers			
region_code <i>Region/Country/Area</i>	Identifiers	✓ 2000–2025	None
year <i>Year</i>	Identifiers	✓ 2000–2025	None
country_name <i>state_name</i>	Identifiers	✓ 2000–2025	None
Population			
pop_total <i>Population mid-year estimates (millions)</i>	Population	2000–2025	⚠ Years outside range not recorded Interpolated; 54 entity-years remain NA
pop_male <i>Population mid-year estimates for males (millions)</i>	Population	2000–2025	⚠ Years outside range not recorded Interpolated
pop_female <i>Population mid-year estimates for females (millions)</i>	Population	2000–2025	⚠ Years outside range not recorded Interpolated
sex_ratio <i>Sex ratio (males per 100 females)</i>	Population	2000–2025	⚠ Years outside range not recorded Interpolated
pop_pct_0_14 <i>Population aged 0 to 14 years old (percentage)</i>	Population	2000–2025	⚠ Years outside range not recorded Interpolated
pop_pct_60plus <i>Population aged 60+ years old (percentage)</i>	Population	2000–2025	⚠ Years outside range not recorded Interpolated
pop_density <i>Population density</i>	Population	2000–2025	⚠ Years outside range not recorded Interpolated
surface_area_km2 <i>Surface area (thousand km2)</i>	Population	2023 only	⚠ Years outside range not recorded Single cross-sectional observation
Economy & GDP			
gdp_current_usd <i>GDP in current prices (millions of US dollars)</i>	Economy & GDP	2000–2023	⚠ Years outside range not recorded Annual from 2000
gdp_per_capita <i>GDP per capita (US dollars)</i>	Economy & GDP	2000–2023	⚠ Years outside range not recorded Annual from 2000
gdp_constant_2015 <i>GDP in constant 2015 prices (millions of US dollars)</i>	Economy & GDP	2000–2023	⚠ Years outside range not recorded Annual from 2000
gdp_growth_pct <i>GDP real rates of growth (percent)</i>	Economy & GDP	2000–2023	⚠ Years outside range not recorded Annual from 2000
Education			
students_primary	Education	2000–2023	⚠ Years outside range not recorded Annual

Variable	Section	Years Covered	Not Covered / Gaps
<i>Students enrolled in primary education (thousands)</i>			
ger_primary_male <i>Gross enrollment ratio - Primary (male)</i>	Education	2000–2023	⚠ Years outside range not recorded Annual
ger_primary_female <i>Gross enrollment ratio - Primary (female)</i>	Education	2000–2023	⚠ Years outside range not recorded Annual
students_lower_sec <i>Students enrolled in lower secondary education (thousands)</i>	Education	2000–2023	⚠ Years outside range not recorded Annual
ger_lower_sec_male <i>Gross enrollment ratio - Lower secondary level (male)</i>	Education	2000–2023	⚠ Years outside range not recorded Annual
ger_lower_sec_female <i>Gross enrollment ratio - Lower secondary level (female)</i>	Education	2000–2023	⚠ Years outside range not recorded Annual
students_upper_sec <i>Students enrolled in upper secondary education (thousands)</i>	Education	2000–2023	⚠ Years outside range not recorded Annual
ger_upper_sec_male <i>Gross enrollment ratio - Upper secondary level (male)</i>	Education	2000–2023	⚠ Years outside range not recorded Annual
ger_upper_sec_female <i>Gross enrollment ratio - Upper secondary level (female)</i>	Education	2000–2023	⚠ Years outside range not recorded Annual
Energy			
energy_production_pj <i>Primary energy production (petajoules)</i>	Energy	2000–2022	⚠ Years outside range not recorded Selected years
energy_net_imports_pj <i>Net imports [Imports - Exports - Bunkers] (petajoules)</i>	Energy	2000–2022	⚠ Years outside range not recorded Selected years
energy_stock_change_pj <i>Changes in stocks (petajoules)</i>	Energy	2000–2022	⚠ Years outside range not recorded Selected years
energy_total_supply_pj <i>Total supply (petajoules)</i>	Energy	2000–2022	⚠ Years outside range not recorded Selected years
energy_supply_per_capita_gj <i>Supply per capita (gigajoules)</i>	Energy	2000–2022	⚠ Years outside range not recorded Selected years
Crime & Public Safety			
homicide_rate <i>Intentional homicide rates per 100,000</i>	Crime & Public Safety	2000–2023	⚠ Years outside range not recorded Annual; varies by country
homicide_victims_pct_male <i>Percentage of male and female intentional homicide victims, Male</i>	Crime & Public Safety	2000–2023	⚠ Years outside range not recorded Annual; varies by country
homicide_victims_pct_female <i>Percentage of male and female intentional homicide victims, Female</i>	Crime & Public Safety	2000–2023	⚠ Years outside range not recorded Annual; varies by country
assault_rate <i>Assault rate per 100,000 population</i>	Crime & Public Safety	2003–2023	⚠ Years outside range not recorded Limited country coverage
robbery_rate	Crime & Public Safety	2003–2023	⚠ Years outside range not recorded Limited country coverage

Variable	Section	Years Covered	Not Covered / Gaps
<i>Robbery at the national level, rate per 100,000 population</i>			
theft_rate <i>Theft at the national level, rate per 100,000 population</i>	Crime & Public Safety	2003–2022	⚠ Years outside range not recorded Limited country coverage
sexual_violence_rate <i>Total Sexual Violence at the national level, rate per 100,000</i>	Crime & Public Safety	2004–2023	⚠ Years outside range not recorded Limited country coverage
kidnapping_rate <i>Kidnapping at the national level, rate per 100,000</i>	Crime & Public Safety	2003–2023	⚠ Years outside range not recorded Limited country coverage
Health			
health_expenditure_pct_gdp <i>Current health expenditure (% of GDP)</i>	Health	2005–2022	⚠ Years outside range not recorded Selected years
gov_health_exp_pct <i>Domestic general government health expenditure (% of total government expenditure)</i>	Health	2005–2022	⚠ Years outside range not recorded Selected years
Governance & Political Representation			
last_election_date <i>Last Election Date</i>	Governance & Political Representation	2000–2025	⚠ Years outside range not recorded Recorded in selected years
women_parliament_pct <i>Seats held by women in national parliament, as of February (%)</i>	Governance & Political Representation	2000–2025	⚠ Years outside range not recorded Selected years
Technology & Connectivity			
internet_users_pct <i>Percentage of individuals using the internet</i>	Technology & Connectivity	2005–2023	⚠ Years outside range not recorded Selected years
Migration & Displacement			
migrant_stock_total <i>International migrant stock: Both sexes (number)</i>	Migration & Displacement	2005–2024	⚠ Years outside range not recorded Quinquennial
migrant_stock_pct <i>International migrant stock: Both sexes (% total population)</i>	Migration & Displacement	2005–2024	⚠ Years outside range not recorded Quinquennial
migrant_stock_pct_male <i>International migrant stock: Male (% total Population)</i>	Migration & Displacement	2005–2024	⚠ Years outside range not recorded Quinquennial
migrant_stock_pct_female <i>International migrant stock: Female (% total Population)</i>	Migration & Displacement	2005–2024	⚠ Years outside range not recorded Quinquennial
refugees_total <i>Total refugees and people in refugee-like situations (number)</i>	Migration & Displacement	2005–2024	⚠ Years outside range not recorded Annual
asylum_seekers <i>Asylum seekers, including pending cases (number)</i>	Migration & Displacement	2005–2024	⚠ Years outside range not recorded Annual
unhcr_other <i>Other of concern to UNHCR (number)</i>	Migration & Displacement	2005–2024	⚠ Years outside range not recorded Annual

Variable	Section	Years Covered	Not Covered / Gaps
unhcr_total <i>Total population of concern to UNHCR (number)</i>	Migration & Displacement	2005–2024	⚠ Years outside range not recorded Annual
Labour Market			
lfp_total <i>Labour force participation - Total</i>	Labour Market	2000–2025	⚠ Years outside range not recorded Annual
unemployment_total <i>Unemployment rate - Total</i>	Labour Market	2000–2025	⚠ Years outside range not recorded Annual
lfp_male <i>Labour force participation - Male</i>	Labour Market	2000–2025	⚠ Years outside range not recorded Annual
unemployment_male <i>Unemployment rate - Male</i>	Labour Market	2000–2025	⚠ Years outside range not recorded Annual
lfp_female <i>Labour force participation - Female</i>	Labour Market	2000–2025	⚠ Years outside range not recorded Annual
unemployment_female <i>Unemployment rate - Female</i>	Labour Market	2000–2025	⚠ Years outside range not recorded Annual
Environment & Emissions			
co2_emissions <i>Emissions (thousand metric tons of carbon dioxide)</i>	Environment & Emissions	2000–2022	⚠ Years outside range not recorded Selected years
co2_per_capita <i>Emissions per capita (Metric tons of carbon dioxide)</i>	Environment & Emissions	2000–2022	⚠ Years outside range not recorded Selected years

Identifiers				
Variable Name	Source	Variable Type	Description & Notes	Coverage
region_code <i>Region/Country/Area</i>	UN Stats	Identifier	UN numeric code for the region, country, or area	✓ All years (2000–2025)
year <i>Year</i>	UN Stats	Identifier	Reference year of the observation (2000–2025, annual)	✓ All years (2000–2025)
country_name <i>state_name</i>	UN Stats	Identifier	Name of the region, country, or area (280 unique entities including continents, sub-regions, and countries)	✓ All years (2000–2025)

Population				
Variable Name	Source	Variable Type	Description & Notes	Coverage
pop_total <i>Population mid-year estimates (millions)</i>	UNPD	Continuous	Total mid-year population estimate in millions. NAs linearly interpolated between observed values; pre-series NAs backward-filled.	⚠ Partial 2000–2025 Interpolated; 54 entity-years remain NA
pop_male <i>Population mid-year estimates for males (millions)</i>	UNPD	Continuous	Male mid-year population estimate in millions. NAs linearly interpolated.	⚠ Partial 2000–2025 Interpolated
pop_female <i>Population mid-year estimates for females (millions)</i>	UNPD	Continuous	Female mid-year population estimate in millions. NAs linearly interpolated.	⚠ Partial 2000–2025 Interpolated
sex_ratio <i>Sex ratio (males per 100 females)</i>	UNPD	Continuous	Number of males per 100 females in the population. NAs linearly interpolated.	⚠ Partial 2000–2025 Interpolated
pop_pct_0_14 <i>Population aged 0 to 14 years old (percentage)</i>	UNPD	Continuous	Percentage of the population aged 0–14 years. NAs linearly interpolated.	⚠ Partial 2000–2025 Interpolated
pop_pct_60plus <i>Population aged 60+ years old (percentage)</i>	UNPD	Continuous	Percentage of the population aged 60 years or older. NAs linearly interpolated.	⚠ Partial 2000–2025 Interpolated
pop_density <i>Population density</i>	UNPD	Continuous	Population per square kilometer of land area. NAs linearly interpolated.	⚠ Partial 2000–2025 Interpolated
surface_area_km2 <i>Surface area (thousand km2)</i>	UNSD	Continuous	Total surface area of the country or territory in thousands of square kilometers.	⚠ Partial 2023 only Single cross-sectional observation

Economy & GDP

Variable Name	Source	Variable Type	Description & Notes	Coverage
gdp_current_usd <i>GDP in current prices (millions of US dollars)</i>	UN SNA	Continuous	Gross Domestic Product at current market prices, in millions of USD.	⚠ Partial 2000–2023 Annual from 2000
gdp_per_capita <i>GDP per capita (US dollars)</i>	UN SNA	Continuous	GDP divided by mid-year population, in current USD per person.	⚠ Partial 2000–2023 Annual from 2000
gdp_constant_2015 <i>GDP in constant 2015 prices (millions of US dollars)</i>	UN SNA	Continuous	GDP in constant 2015 USD, inflation-adjusted for cross-year comparison.	⚠ Partial 2000–2023 Annual from 2000
gdp_growth_pct <i>GDP real rates of growth (percent)</i>	UN SNA	Continuous	Annual percentage change in real GDP (constant prices).	⚠ Partial 2000–2023 Annual from 2000

Education				
Variable Name	Source	Variable Type	Description & Notes	Coverage
students_primary <i>Students enrolled in primary education (thousands)</i>	UNESCO	Continuous	Total students enrolled in primary education, in thousands.	⚠ Partial 2000–2023 Annual
ger_primary_male <i>Gross enrollment ratio - Primary (male)</i>	UNESCO	Continuous	Ratio of male students enrolled in primary education to the male primary-school-age population (may exceed 100 due to over-age/under-age enrollment).	⚠ Partial 2000–2023 Annual
ger_primary_female <i>Gross enrollment ratio - Primary (female)</i>	UNESCO	Continuous	Ratio of female students enrolled in primary education to the female primary-school-age population.	⚠ Partial 2000–2023 Annual
students_lower_sec <i>Students enrolled in lower secondary education (thousands)</i>	UNESCO	Continuous	Total students enrolled in lower secondary education, in thousands.	⚠ Partial 2000–2023 Annual
ger_lower_sec_male <i>Gross enrollment ratio - Lower secondary level (male)</i>	UNESCO	Continuous	Gross enrollment ratio for males at lower secondary level.	⚠ Partial 2000–2023 Annual
ger_lower_sec_female <i>Gross enrollment ratio - Lower secondary level (female)</i>	UNESCO	Continuous	Gross enrollment ratio for females at lower secondary level.	⚠ Partial 2000–2023 Annual
students_upper_sec <i>Students enrolled in upper secondary education (thousands)</i>	UNESCO	Continuous	Total students enrolled in upper secondary education, in thousands.	⚠ Partial 2000–2023 Annual
ger_upper_sec_male <i>Gross enrollment ratio - Upper secondary level (male)</i>	UNESCO	Continuous	Gross enrollment ratio for males at upper secondary level.	⚠ Partial 2000–2023 Annual

ger_upper_sec_female <i>Gross enrollment ratio - Upper secondary level (female)</i>	UNESCO	Continuous	Gross enrollment ratio for females at upper secondary level.	⚠ Partial 2000–2023 Annual
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Energy				
Variable Name	Source	Variable Type	Description & Notes	Coverage
energy_production_pj <i>Primary energy production (petajoules)</i>	UN Energy	Continuous	Total domestic primary energy production in petajoules.	⚠ Partial 2000–2022 Selected years
energy_net_imports_pj <i>Net imports [Imports - Exports - Bunkers] (petajoules)</i>	UN Energy	Continuous	Net energy imports (imports minus exports minus bunkers) in petajoules. Negative = net exporter.	⚠ Partial 2000–2022 Selected years
energy_stock_change_pj <i>Changes in stocks (petajoules)</i>	UN Energy	Continuous	Changes in energy stock levels in petajoules.	⚠ Partial 2000–2022 Selected years
energy_total_supply_pj <i>Total supply (petajoules)</i>	UN Energy	Continuous	Total energy supply (production + imports – exports – bunkers ± stock changes) in petajoules.	⚠ Partial 2000–2022 Selected years
energy_supply_per_capita_gj <i>Supply per capita (gigajoules)</i>	UN Energy	Continuous	Total energy supply divided by population, in gigajoules per person.	⚠ Partial 2000–2022 Selected years

Crime & Public Safety				
Variable Name	Source	Variable Type	Description & Notes	Coverage
homicide_rate <i>Intentional homicide rates per 100,000</i>	UNODC	Continuous	Rate of intentional homicides per 100,000 population.	⚠ Partial 2000–2023 Annual; varies by country
homicide_victims_pct_male <i>Percentage of male and female intentional homicide victims, Male</i>	UNODC	Continuous	Percentage of intentional homicide victims who are male.	⚠ Partial 2000–2023 Annual; varies by country
homicide_victims_pct_female <i>Percentage of male and female intentional homicide victims, Female</i>	UNODC	Continuous	Percentage of intentional homicide victims who are female.	⚠ Partial 2000–2023 Annual; varies by country
assault_rate <i>Assault rate per 100,000 population</i>	UNODC	Continuous	Rate of recorded assault offenses per 100,000 population.	⚠ Partial 2003–2023 Limited country coverage

robbery_rate <i>Robbery at the national level, rate per 100,000 population</i>	UNODC	Continuous	Rate of recorded robbery offenses per 100,000 population.	⚠ Partial 2003–2023 Limited country coverage
theft_rate <i>Theft at the national level, rate per 100,000 population</i>	UNODC	Continuous	Rate of recorded theft offenses per 100,000 population.	⚠ Partial 2003–2022 Limited country coverage
sexual_violence_rate <i>Total Sexual Violence at the national level, rate per 100,000</i>	UNODC	Continuous	Rate of recorded sexual violence offenses per 100,000 population.	⚠ Partial 2004–2023 Limited country coverage
kidnapping_rate <i>Kidnapping at the national level, rate per 100,000</i>	UNODC	Continuous	Rate of recorded kidnapping offenses per 100,000 population.	⚠ Partial 2003–2023 Limited country coverage

Health				
Variable Name	Source	Variable Type	Description & Notes	Coverage
health_expenditure_pct_gdp <i>Current health expenditure (% of GDP)</i>	WHO	Continuous	Total current health expenditure as a percentage of GDP.	⚠ Partial 2005–2022 Selected years
gov_health_exp_pct <i>Domestic general government health expenditure (% of total government expenditure)</i>	WHO	Continuous	Government health spending as a share of total government expenditure (%).	⚠ Partial 2005–2022 Selected years

Governance & Political Representation				
Variable Name	Source	Variable Type	Description & Notes	Coverage
last_election_date <i>Last Election Date</i>	IPU	Date	Most recent national parliamentary election date (YYYY-MM format).	⚠ Partial 2000–2025 Recorded in selected years
women_parliament_pct <i>Seats held by women in national parliament, as of February (%)</i>	IPU	Continuous	Percentage of parliamentary seats (lower or single house) held by women, as of February.	⚠ Partial 2000–2025 Selected years

Technology & Connectivity				
Variable Name	Source	Variable Type	Description & Notes	Coverage

internet_users_pct <i>Percentage of individuals using the internet</i>	ITU	Continuous	Percentage of the population who used the internet in the past three months.	⚠ Partial 2005–2023 Selected years
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Migration & Displacement				
Variable Name	Source	Variable Type	Description & Notes	Coverage
migrant_stock_total <i>International migrant stock: Both sexes (number)</i>	UN DESA	Continuous	Total number of international migrants (people living outside country of birth/citizenship).	⚠ Partial 2005–2024 Quinquennial
migrant_stock_pct <i>International migrant stock: Both sexes (% total population)</i>	UN DESA	Continuous	International migrants as a percentage of total population.	⚠ Partial 2005–2024 Quinquennial
migrant_stock_pct_male <i>International migrant stock: Male (% total Population)</i>	UN DESA	Continuous	Male international migrants as a percentage of total population.	⚠ Partial 2005–2024 Quinquennial
migrant_stock_pct_female <i>International migrant stock: Female (% total Population)</i>	UN DESA	Continuous	Female international migrants as a percentage of total population.	⚠ Partial 2005–2024 Quinquennial
refugees_total <i>Total refugees and people in refugee-like situations (number)</i>	UNHCR	Continuous	Total refugees and persons in refugee-like situations under UNHCR mandate.	⚠ Partial 2005–2024 Annual
asylum_seekers <i>Asylum seekers, including pending cases (number)</i>	UNHCR	Continuous	Number of asylum seekers with pending cases at year end.	⚠ Partial 2005–2024 Annual
unhcr_other <i>Other of concern to UNHCR (number)</i>	UNHCR	Continuous	Stateless persons, returnees, IDPs, and other persons of concern to UNHCR.	⚠ Partial 2005–2024 Annual
unhcr_total <i>Total population of concern to UNHCR (number)</i>	UNHCR	Continuous	Total population of concern to UNHCR (refugees + asylum seekers + others).	⚠ Partial 2005–2024 Annual

Labour Market				
Variable Name	Source	Variable Type	Description & Notes	Coverage
lfp_total <i>Labour force participation - Total</i>	ILO	Continuous	Labour force participation rate — total population aged 15+ (%).	⚠ Partial 2000–2025 Annual
unemployment_total <i>Unemployment rate - Total</i>	ILO	Continuous	Unemployment rate — total labour force (%).	⚠ Partial 2000–2025 Annual
lfp_male <i>Labour force participation - Male</i>	ILO	Continuous	Labour force participation rate — males aged 15+ (%).	⚠ Partial 2000–2025 Annual

unemployment_male <i>Unemployment rate - Male</i>	ILO	Continuous	Unemployment rate — male labour force (%) .	⚠ Partial 2000–2025 Annual
lfp_female <i>Labour force participation - Female</i>	ILO	Continuous	Labour force participation rate — females aged 15+ (%) .	⚠ Partial 2000–2025 Annual
unemployment_female <i>Unemployment rate - Female</i>	ILO	Continuous	Unemployment rate — female labour force (%) .	⚠ Partial 2000–2025 Annual

Environment & Emissions				
Variable Name	Source	Variable Type	Description & Notes	Coverage
co2_emissions <i>Emissions (thousand metric tons of carbon dioxide)</i>	UNFCCC	Continuous	Total CO₂ emissions in thousands of metric tons.	⚠ Partial 2000–2022 Selected years
co2_per_capita <i>Emissions per capita (Metric tons of carbon dioxide)</i>	UNFCCC	Continuous	CO₂ emissions per capita in metric tons.	⚠ Partial 2000–2022 Selected years