

# **UNSC Permanent Members and Ukraine economy index**

## **Codebook**

### **Overview**

The data are downloaded from World Bank's World Development Indicator, which gathers data from most authorities in various countries all over the world. For the certain data frame in use, all five permanent members and Ukraine are included during the filtering process. A few variables, mainly government budget and GDP related, were chosen as indicators for those nation's economy development.

### **Source and methodology**

As stated, the data was originally gathered by World Bank. Data sources were picked by World Bank, preferring the official sources. The data presented in this codebook covers a time range of 10 years, from 2010 to 2020.

### **Missing Values**

Most of the data covered are available. However, there are still missing values that was represented by '..' in the original csv file. In the final version, all the '..', or NAs, are replaced with numeric value of -99. Thus, numeric variable can stay as numeric while it is also simple to convert all -99 back to NA.

### **Presentation of Variables:**

#### **Country Name**

Variable name: Cname

Variable type: Character

Records the name of the country.

#### **Country Code**

Variable name: CCode

Variable type: Character

Records the shortened country code of the country.

#### **Year**

Variable name: Year

Variable type: Numeric

Records the year of respective observations.

### Gross Domestic Production in 2015 USD

Variable name: GDP

Variable type: numeric

Records the GDP of respective nation measured with USD value in 2015

```
| min(GDP) | mean(GDP) | median(GDP) | max(GDP) |  
|-----: |-----: |-----: |-----: |  
| 91030959455 | 6.017222e+12 | 2.63861e+12 | 1.9929e+13 |
```

### Gross Domestic Production Per Capita in 2015 USD

Variable name: GDPPC

Variable type: numeric

Records the GDPPC of respective nation measured with USD value in 2015

```
| min(GDPPC) | mean(GDPPC) | median(GDPPC) | max(GDPPC) |  
|-----: |-----: |-----: |-----: |  
| 2124.7 | 26280.7 | 22998.2 | 60698 |
```

### Military Expenditure in Percentage of GDP

Variable name: MilExpPerc

Variable type: numeric

Records the military expenditure as percentage of respective nation's GDP

```
| min(MilExpPerc) | mean(MilExpPerc) | median(MilExpPerc) | max(MilExpPerc) |  
|-----: |-----: |-----: |-----: |  
| 1.5 | 2.7 | 2.2 | 5.4 |
```

### Military Expenditure Factor

Variable name: MilExpFact

Variable type: Factor

Categorize each nation's yearly military expenditure based on its percentage of GDP. Below 2% is categorized as 'Low', between 2% and 3% as 'Mid', above 3% as 'High'

values	labels	freq	perc
1	Low	29	43.9
2	Mid	10	15.2
3	High	27	40.9

### Individuals using the Internet by percentage of population

Variable name: IntUsePerc

Variable type: numeric

Records use of internet by individual by percentage of population

min(IntUsePerc)	mean(IntUsePerc)	median(IntUsePerc)	max(IntUsePerc)
23.3	70.4	74.6	94.8

### Individuals using the Internet factor

Variable name: IntUseFact

Variable type: Factor

Records use of internet by individual as factor. Above 80% is categorized as High, and below 80% as low.

values	labels	freq	perc
1	Low	40	60.6
2	High	26	39.4

### Health expenditure as percentage of GDP

Variable name: HealthExpPerc

Variable type: numeric

Records the current health expenditure as percentage of GDP

min(HealthExpPerc)	mean(HealthExpPerc)	median(HealthExpPerc)	max(HealthExpPerc)
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	-----:	-----:	-----:	---
-----:				
	-99	-0.7	7.5	
16.8				

**Life Expectancy at birth**

Variable name: LifeExp

Variable type: numeric

Records the life expectancy of individuals at birth in each nation.

	min(LifeExp)	mean(LifeExp)	median(LifeExp)	max(LifeExp)
	-----:	-----:	-----:	-----:
	68.8	76.9	78	82.8