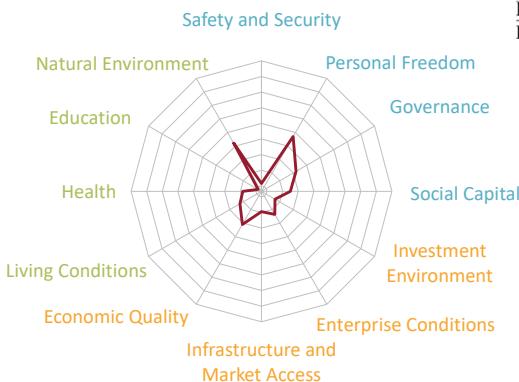
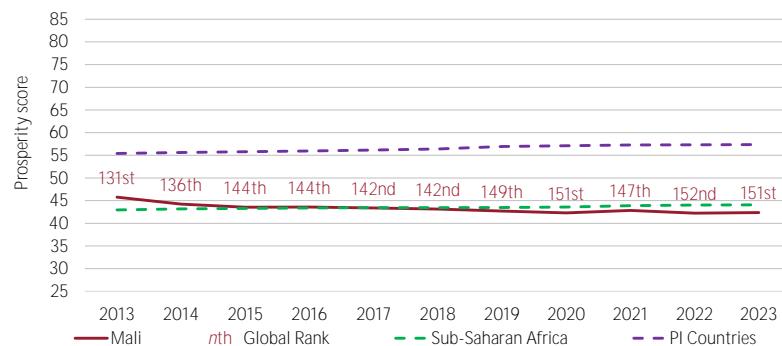


# Mali: Prosperity score 42.4 (151st)

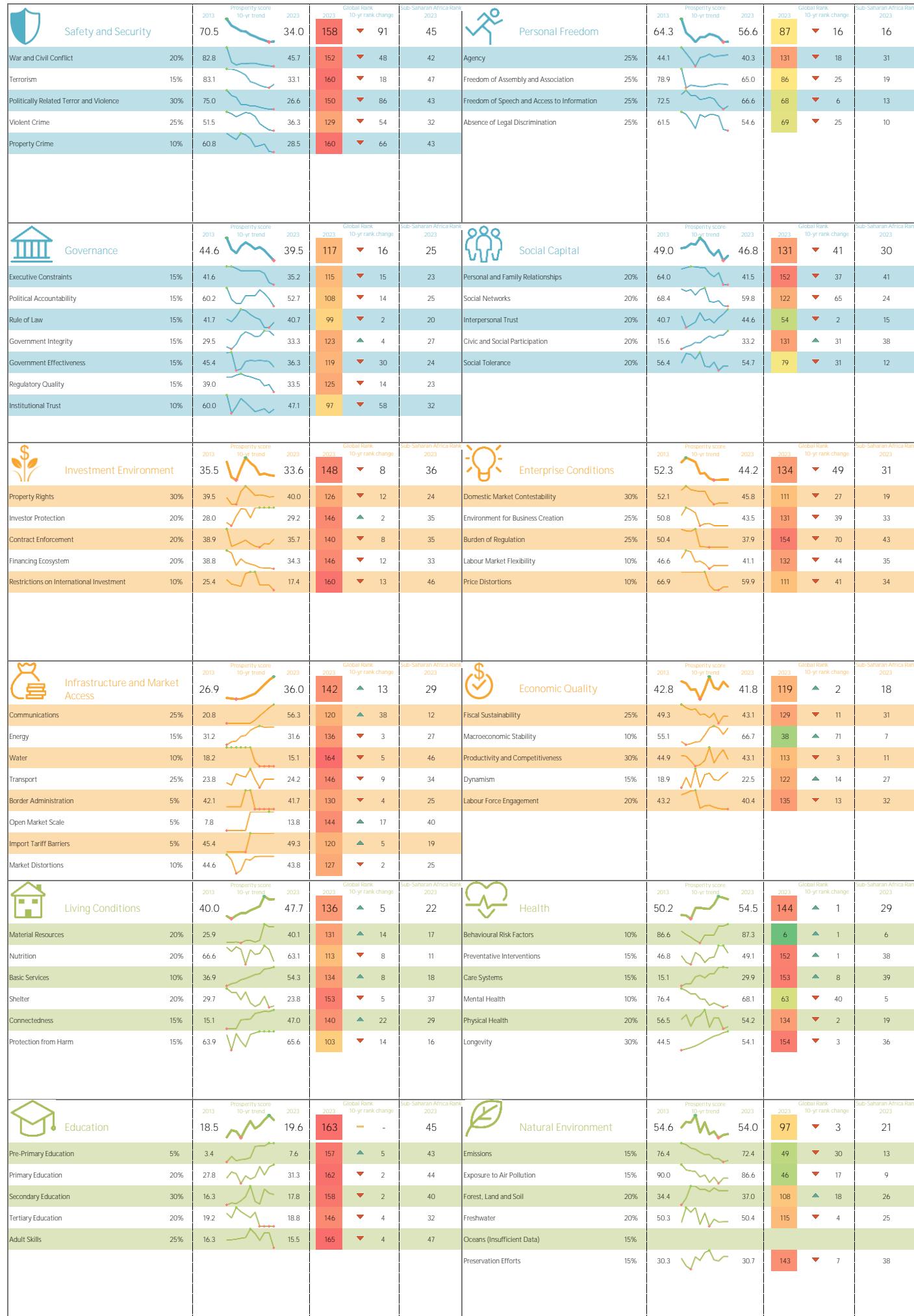
## Prosperity over time



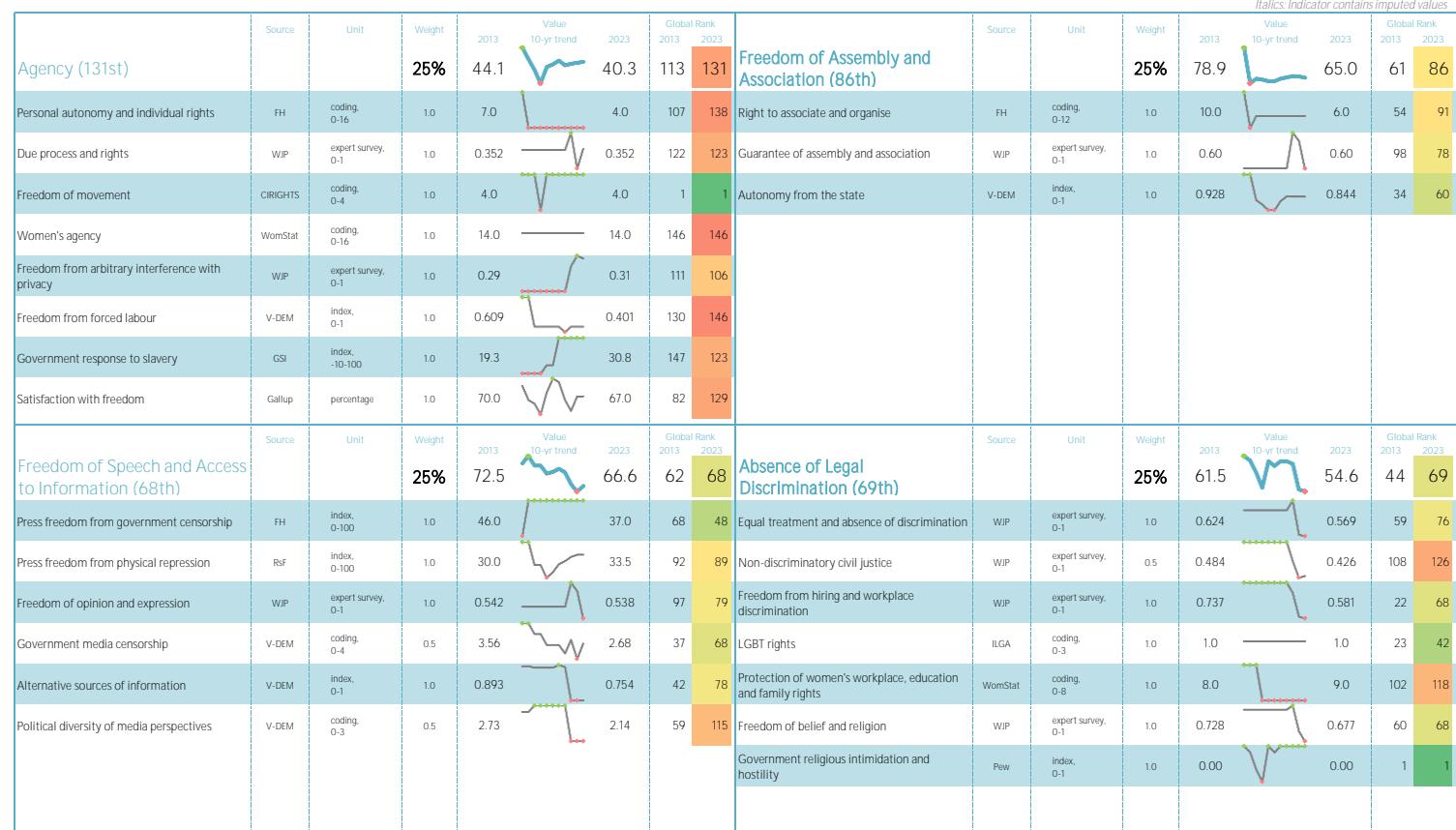
## Breakdown of performance

|                                    | Score<br>10-year trend | 2023 | Rank - Global (1 to 167)<br>2023 | 10-year<br>rank change | Rank - Sub-Saharan Africa (1 to 49)<br>2023 |
|------------------------------------|------------------------|------|----------------------------------|------------------------|---------------------------------------------|
| <b>Prosperity score</b>            | 45.8                   | 42.4 | 151                              | ▼ 20                   | 37                                          |
| <b>Inclusive Societies</b>         | 57.1                   | 44.2 | 141                              | ▼ 71                   | 37                                          |
| 🛡 Safety and Security              | 70.5                   | 34.0 | 158                              | ▼ 91                   | 45                                          |
| 🌐 Personal Freedom                 | 64.3                   | 56.6 | 87                               | ▼ 16                   | 16                                          |
| 🏛 Governance                       | 44.6                   | 39.5 | 117                              | ▼ 16                   | 25                                          |
| 👥 Social Capital                   | 49.0                   | 46.8 | 131                              | ▼ 41                   | 30                                          |
| <b>Open Economies</b>              | 39.4                   | 38.9 | 141                              | ▼ 8                    | 30                                          |
| 💰 Investment Environment           | 35.5                   | 33.6 | 148                              | ▼ 8                    | 36                                          |
| 💡 Enterprise Conditions            | 52.3                   | 44.2 | 134                              | ▼ 49                   | 31                                          |
| 📦 Infrastructure and Market Access | 26.9                   | 36.0 | 142                              | ▲ 13                   | 29                                          |
| ⌚ Economic Quality                 | 42.8                   | 41.8 | 119                              | ▲ 2                    | 18                                          |
| <b>Empowered People</b>            | 40.8                   | 44.0 | 149                              | ▲ 3                    | 34                                          |
| 🏡 Living Conditions                | 40.0                   | 47.7 | 136                              | ▲ 5                    | 22                                          |
| 🕒 Health                           | 50.2                   | 54.5 | 144                              | ▲ 1                    | 29                                          |
| 🎓 Education                        | 18.5                   | 19.6 | 163                              | -                      | 45                                          |
| 🌿 Natural Environment              | 54.6                   | 54.0 | 97                               | ▼ 3                    | 21                                          |

## Mali (151st): Pillar and element scores



*Italics: Indicator contains imputed values*



Mali: Governance (117th): Element and indicator scores



Italics: Indicator contains imputed values

| Personal and Family Relationships (152nd)    | Source | Unit       | Weight | Value |             |      | Global Rank | Source | Unit                                   | Weight | Value                 |             |      | Global Rank |      |             |
|----------------------------------------------|--------|------------|--------|-------|-------------|------|-------------|--------|----------------------------------------|--------|-----------------------|-------------|------|-------------|------|-------------|
|                                              |        |            |        | 2013  | 10-yr trend | 2023 |             |        |                                        |        | 2013                  | 10-yr trend | 2023 |             |      |             |
| Help from family and friends when in trouble | Gallup | percentage | 2.0    | 80.0  |             | 57.0 | 95          | 152    | Respect                                | Gallup | percentage            | 2.0         | 93.0 | 84.0        | 26   |             |
| Family give positive energy                  | Gallup | percentage | 1.0    | 62.0  |             | 61.0 | 125         | 134    | Opportunity to make friends            | Gallup | percentage            | 1.0         | 73.0 | 73.0        | 98   |             |
|                                              |        |            |        |       |             |      |             |        | Helped another household               | Gallup | percentage            | 0.5         | 9.0  | 15.0        | 126  |             |
| Interpersonal Trust (54th)                   | Source | Unit       | Weight | 2013  | Value       | 2023 | Global Rank | Source | Unit                                   | Weight | 2013                  | Value       | 2023 | Global Rank |      |             |
| Generalised interpersonal trust              | WVS    | percentage | 1.0    | 24.2  |             | 24.2 | 52          | 54     | Civic and Social Participation (131st) | Source | Unit                  | Weight      | 2013 | Value       | 2023 | Global Rank |
| Helped a stranger                            | Gallup | percentage | 0.5    | 55.2  |             | 63.4 | 54          | 82     | Donated money to charity               | Gallup | percentage            | 1.5         | 7.3  | 17.6        | 162  |             |
|                                              |        |            |        |       |             |      |             |        | Voter turnout                          | IDEA   | percentage (adjusted) | 1.5         | 32.2 | 35.6        | 151  |             |
|                                              |        |            |        |       |             |      |             |        | Volunteering                           | Gallup | percentage            | 1.0         | 6.0  | 24.0        | 159  |             |
|                                              |        |            |        |       |             |      |             |        | Voiced opinion to a public official    | Gallup | percentage            | 0.5         | 20.0 | 35.0        | 76   |             |
| Social Tolerance (79th)                      | Source | Unit       | Unit   | 2013  | Value       | 2023 | Global Rank | Source | Unit                                   | Weight | 2013                  | Value       | 2023 | Global Rank |      |             |
| Perceived tolerance of ethnic minorities     | Gallup | percentage | 1.0    | 82.0  |             | 76.0 | 48          | 62     | 2013                                   | 2023   | 2013                  | 2023        | 2013 | 2023        |      |             |
| Perceived tolerance of LGBT individuals      | Gallup | percentage | 1.0    | 2.0   |             | 15.0 | 160         | 108    |                                        |        |                       |             |      |             |      |             |
| Perceived tolerance of immigrants            | Gallup | percentage | 1.0    | 80.0  |             | 70.0 | 12          | 50     |                                        |        |                       |             |      |             |      |             |



| Mali: Investment Environment (148th): Element and indicator scores |           |                     |      |            |       |      |       |                                                                |                                    |                                    |             |            |      |      |
|--------------------------------------------------------------------|-----------|---------------------|------|------------|-------|------|-------|----------------------------------------------------------------|------------------------------------|------------------------------------|-------------|------------|------|------|
| Element                                                            | Indicator | Source              | Unit | Weight     | 2013  |      | Value | 10-yr trend                                                    | 2023                               |                                    | Global Rank | 2013       | 2023 |      |
|                                                                    |           |                     |      |            | 2013  | 2023 |       |                                                                | 2013                               | 2023                               |             |            |      |      |
| <b>Property Rights (126th)</b>                                     |           |                     |      | <b>30%</b> | 39.5  | 40.0 | 114   | 126                                                            | <b>Investor Protection (146th)</b> |                                    |             | <b>20%</b> | 28.0 | 29.2 |
| Regulation of property possession and exchange                     | BTI       | expert survey, 1-10 | 1.0  | 6.0        | 5.0   | 82   | 108   | Auditing and reporting standards                               | WEF                                | expert survey, 1-7                 | 2.0         | 3.18       | 3.30 |      |
| Lawful process for expropriation                                   | WJP       | expert survey, 0-1  | 1.0  | 0.631      | 0.597 | 52   | 62    | Insolvency regulatory framework                                | WEF                                | index, 0, 16                       | 1.0         | 9.0        | 9.0  |      |
| Protection of property rights                                      | WEF       | expert survey, 1-7  | 1.0  | 3.60       | 3.59  | 125  | 136   | Recovery rate of insolvency                                    | WEF                                | percentage                         | 1.5         | 26.7       | 28.5 |      |
| Intellectual property protection                                   | WEF       | expert survey, 1-7  | 2.0  | 2.91       | 3.43  | 130  | 126   | Shareholder governance                                         | WEF                                | index, 0, 10                       | 1.0         | 3.7        | 3.7  |      |
| Quality of land administration                                     | WEF       | index, 0, 30        | 1.0  | 8.0        | 8.0   | 138  | 139   | Regulation of conflict of interest                             | WEF                                | index, 1, 7                        | 1.0         | 4.3        | 4.3  |      |
| <b>Contract Enforcement (140th)</b>                                |           |                     |      | <b>20%</b> | 38.9  | 35.7 | 132   | 140                                                            | <b>Financing Ecosystem (146th)</b> |                                    |             | <b>20%</b> | 38.8 | 34.3 |
| Alternative dispute resolution mechanisms                          | WJP       | expert survey, 0-1  | 1.0  | 0.477      | 0.497 | 156  | 160   | Quality of banking system and capital markets                  | BTI                                | expert survey, 1-10                | 1.0         | 7.0        | 7.0  |      |
| Contract intensity                                                 | Harvard   | index, 0, 3         | 1.0  | 0.9        | 1.0   | 127  | 124   | Venture capital availability                                   | WEF                                | expert survey, 1-7                 | 1.0         | 2.3        | 2.7  |      |
| CPIA property rights and rule-based governance rating              | WB - CPIA | index, 1, 6         | 1.0  | 3.0        | 2.5   | 82   | 113   | Soundness of banks                                             | WEF                                | expert survey, 1-7                 | 1.0         | 4.43       | 3.72 |      |
|                                                                    |           |                     |      |            |       |      |       | Financing of SMEs                                              | WEF                                | expert survey, 1-7                 | 1.0         | 3.57       | 3.33 |      |
|                                                                    |           |                     |      |            |       |      |       | Access to finance                                              | WB-ES                              | percentage                         | 1.0         | 48.2       | 63.5 |      |
|                                                                    |           |                     |      |            |       |      |       | Commercial bank branches                                       | IMF-FAS                            | branches /100,000 adult population | 1.0         | 3.7        | 4.7  |      |
|                                                                    |           |                     |      |            |       |      |       | National credit registry coverage (borrowers per 1,000 adults) | WB-DI                              | percentage                         | 0.5         | 1.7        | 1.8  |      |
| <b>Restrictions on International Investment (160th)</b>            |           |                     |      | <b>10%</b> | 25.4  | 17.4 | 147   | 160                                                            |                                    |                                    |             |            |      |      |
| Freedom to own foreign currency bank accounts                      | FI        | index, 0-10         | 1.0  | 0.0        | 0.0   | 132  | 142   |                                                                |                                    |                                    |             |            |      |      |
| Capital controls                                                   | FI        | percentage          | 1.0  | 7.692      | 7.692 | 123  | 128   |                                                                |                                    |                                    |             |            |      |      |
| Freedom of foreigners to visit                                     | FI        | index, 0-10         | 1.0  | 2.3        | 0.0   | 110  | 53    |                                                                |                                    |                                    |             |            |      |      |
| Prevalence of foreign ownership of companies                       | WEF       | expert survey, 1-7  | 1.0  | 4.01       | 3.51  | 128  | 147   |                                                                |                                    |                                    |             |            |      |      |
| Business impact of rules on FDI                                    | WEF       | expert survey, 1-7  | 2.0  | 4.22       | 3.78  | 111  | 143   |                                                                |                                    |                                    |             |            |      |      |
| Restrictions on financial transactions                             | Chinn-Ito | index, 0-1          | 1.0  | 0.2        | 0.2   | 106  | 107   |                                                                |                                    |                                    |             |            |      |      |

Italics: Indicator contains imputed values





Italics: Indicator contains imputed values

| Mali: Infrastructure and Market Access (142nd): Element and indicator scores |                                    |        |                                      |                                             |                                                            |                              |        |                                      |                             |         |         |
|------------------------------------------------------------------------------|------------------------------------|--------|--------------------------------------|---------------------------------------------|------------------------------------------------------------|------------------------------|--------|--------------------------------------|-----------------------------|---------|---------|
| Communications (120th)                                                       |                                    |        |                                      | Energy (136th)                              |                                                            |                              |        | Transport (146th)                    |                             |         |         |
| Source                                                                       | Unit                               | Weight | Value<br>2013<br>10-yr trend<br>2023 | Global Rank<br>2013<br>2023                 | Source                                                     | Unit                         | Weight | Value<br>2013<br>10-yr trend<br>2023 | Global Rank<br>2013<br>2023 |         |         |
| International internet bandwidth                                             | ITU kilobits per second per capita | 1.0    | 29.1 35.3 145 149                    | 158 120                                     | Installed electric capacity                                | UNESD kilowatts per capita   | 1.5    | 0.035 0.049                          | 31.2 31.6                   | 133 136 |         |
| 2G, 3G and 4G network coverage                                               | GSMA index, 0-100                  | 2.0    | 33.1 96.4 157 84                     | 157 84                                      | Number of electrical outages in a typical month            | WB-ES number                 | 0.5    | 2.7 4.2                              | 141 140                     | 141 140 |         |
| Fixed broadband subscriptions                                                | ITU number /100 population         | 1.0    | 0.053 1.204 135 125                  | 135 125                                     | Average duration of a typical electrical outage            | WB-ES hours                  | 0.5    | 5.8 5.1                              | 108 120                     | 121 115 |         |
| Internet usage                                                               | ITU percentage                     | 1.0    | 2.0 27.4 153 133                     | 153 133                                     | Time to obtain an electrical connection upon application   | WB-ES days                   | 1.0    | 32.9 30.1                            | 88 84                       | 88 84   |         |
| Water (164th)                                                                |                                    |        |                                      | Open Market Scale (144th)                   |                                                            |                              |        | Market Distortions (127th)           |                             |         |         |
| Gross fixed water assets                                                     | IBNET USD per population served    | 1.0    | 0.0 0.0 151 151                      | 159 164                                     | Logistics performance                                      | WB-LPI index, 1-5            | 1.5    | 2.30 2.67                            | 23.8 24.2                   | 137 146 | 145 95  |
| Water production                                                             | IBNET litres per capita per day    | 0.5    | 104.1 104.1 145 145                  | 145 145                                     | Airport connectivity                                       | WEF index, 0-100             | 2.0    | 1,654.8 2,589.9                      | 131 137                     | 131 137 |         |
| Reliability of water supply                                                  | WEF expert survey, 1-7             | 1.0    | 3.07 2.61 135 149                    | 135 149                                     | Efficiency of seaport services                             | WEF expert survey, 1-7       | 2.0    | 2.75 2.23                            | 141 156                     | 141 156 |         |
|                                                                              |                                    |        |                                      |                                             |                                                            |                              |        |                                      |                             |         |         |
|                                                                              |                                    |        |                                      | Liner shipping connectivity                 |                                                            |                              |        | Non-tariff measures                  |                             |         |         |
|                                                                              |                                    |        |                                      | UNCTAD index, rebased to 100 in 2004        |                                                            |                              |        | WTO percentage of global GDP         |                             |         |         |
|                                                                              |                                    |        |                                      | Quality of roads                            |                                                            |                              |        | WEF percentage of global GDP         |                             |         |         |
|                                                                              |                                    |        |                                      | Road density                                |                                                            |                              |        | FAO km per 100 sq km of land area    |                             |         |         |
|                                                                              |                                    |        |                                      | UIC km per sq km of land area               |                                                            |                              |        | WEF percentage                       |                             |         |         |
| Border Administration (130th)                                                |                                    |        |                                      | Margin of preference in destination markets |                                                            |                              |        | WEF index, 1-100                     |                             |         |         |
| Efficiency of customs clearance process                                      | WB-LPI survey, 1-5                 | 1.5    | 2.08 2.15 145 140                    | 126 130                                     | Domestic and international market access for goods         | WTO percentage of global GDP | 1.5    | 0.83 0.90                            | 7.8 13.8                    | 161 144 | 145 151 |
| Number of documents required to be filled out for exports                    | WB-LPI number                      | 0.5    | 2.0 2.0 17 25                        | 17 25                                       | Domestic and international market access for services      | WTO percentage of global GDP | 2.0    | 0.0 0.0                              | 119 119                     | 119 119 |         |
| Number of documents required to be filled out for imports                    | WB-LPI number                      | 0.5    | 2.0 2.0 18 17                        | 18 17                                       | Trade-weighted average tariff faced in destination markets | WEF percentage               | 0.5    | 3.8 2.6                              | 52 21                       | 52 21   |         |
| Clearance time with physical inspection                                      | WB-LPI days                        | 0.5    | 7.0 7.0 157 160                      | 157 160                                     | Margin of preference in destination markets                | WEF index, 1-100             | 0.5    | 11.1 25.8                            | 150 128                     | 150 128 |         |
| Average time to clear exports through customs (days)                         | WB-ES days                         | 0.5    | 12.9 16.5 152 162                    | 152 162                                     | Margin of preference in destination markets                | WEF index, 1-100             | 0.5    | 11.1 25.8                            | 150 128                     | 150 128 |         |
| Import Tariff Barriers (120th)                                               |                                    |        |                                      | Margin of preference in destination markets |                                                            |                              |        | WEF index, 1-100                     |                             |         |         |
| Share of imports free from tariff duties                                     | WEF percentage                     | 1.5    | 30.05 34.50 118 121                  | 125 120                                     | Extent of liberalisation of foreign trade                  | BTI expert survey, 1-10      | 1.0    | 6.0 6.0                              | 44.6 43.8                   | 125 127 | 113 114 |
| Average applied tariff rate                                                  | WEF percentage                     | 2.0    | 10.81 9.89 129 119                   | 129 119                                     | Prevalence of non-tariff barriers                          | WEF expert survey, 1-7       | 1.0    | 3.79 3.73                            | 133 147                     | 133 147 |         |
| Complexity of tariffs                                                        | WEF index, 1-7                     | 0.3    | 6.705 6.679 10 16                    | 10 16                                       | Non-tariff measures                                        | UNCTAD number                | 0.3    | 161.0 161.0                          | 17 17                       | 17 17   |         |



*Italics: Indicator contains imputed values*



## Mali: Living Conditions (136th): Element and Indicator scores

| Mali: Living Conditions (136th): Element and Indicator scores |                    |                          |      |         |         |      |                      |                                                    |        |                                        |                     |                     |         |
|---------------------------------------------------------------|--------------------|--------------------------|------|---------|---------|------|----------------------|----------------------------------------------------|--------|----------------------------------------|---------------------|---------------------|---------|
| Italics: Indicator contains imputed values                    |                    |                          |      |         |         |      |                      |                                                    |        |                                        |                     |                     |         |
| Element                                                       | Indicator          | Source                   | Unit | Weight  | 2013    |      | Value<br>10-yr trend |                                                    | 2023   |                                        | Global Rank<br>2013 | Global Rank<br>2023 |         |
|                                                               |                    |                          |      |         | 2013    | 2023 | 2013                 | 2023                                               | 2013   | 2023                                   |                     |                     |         |
| Material Resources (131st)                                    |                    |                          |      | 20%     | 25.9    | 40.1 | 145                  | 131                                                | 66.6   | 63.1                                   | 105                 | 113                 |         |
| Poverty rate at national poverty lines                        | WB-DI              | percentage               | 0.5  | 41.1    | 41.9    | 129  | 134                  | Availability of adequate food                      | Gallup | percentage                             | 1.0                 | 29.0                | 57.0    |
| Poverty rate at \$1.90 a day                                  | WB-DI              | percentage               | 1.0  | 48.2    | 14.8    | 145  | 119                  | Prevalence of undernourishment                     | FAO    | percentage                             | 1.0                 | 7.4                 | 5.6     |
| Poverty rate at \$3.20 a day                                  | WB-DI              | percentage               | 1.0  | 78.7    | 47.5    | 147  | 130                  | Prevalence of wasting in children under-5          | JME    | percentage                             | 1.0                 | 10.4                | 9.3     |
| Poverty rate at \$5.50 a day                                  | WB-DI              | percentage               | 1.0  | 95.9    | 80.5    | 156  | 129                  | Prevalence of stunting in children under-5         | JME    | percentage                             | 1.0                 | 27.9                | 22.1    |
| Households with a refrigerator                                | GDI                | percentage               | 1.0  | 4.1     | 10.3    | 153  | 151                  |                                                    |        |                                        |                     |                     |         |
| Ability to source emergency funds                             | WB-GFI             | percentage               | 1.0  | 43.9    | 50.9    | 88   | 106                  |                                                    |        |                                        |                     |                     |         |
| Ability to live on household income                           | Gallup             | percentage               | 1.0  | 39.0    | 42.4    | 137  | 115                  |                                                    |        |                                        |                     |                     |         |
|                                                               |                    |                          |      |         |         |      |                      |                                                    |        |                                        |                     |                     |         |
| Basic Services (134th)                                        |                    |                          |      | 10%     | 36.9    | 54.3 | 142                  | 134                                                | 29.7   | 23.8                                   | 148                 | 153                 |         |
| Access to electricity                                         | IEA,IRENA,UNSD,WHO | percentage               | 1.0  | 26.9    | 50.6    | 146  | 142                  | Availability of adequate shelter                   | Gallup | percentage                             | 1.0                 | 14.8                | 41.5    |
| Access to basic water services                                | JMP                | percentage               | 1.0  | 66.10   | 82.55   | 130  | 121                  | Housing deprivation                                | OPHI   | percentage                             | 1.0                 | 75.0                | 72.2    |
| Access to piped water                                         | JMP                | percentage               | 1.0  | 36.48   | 49.55   | 130  | 123                  | Access to clean fuels and technologies for cooking | WHO    | percentage                             | 1.0                 | 0.9                 | 0.9     |
| Access to basic sanitation services                           | JMP                | percentage               | 1.0  | 29.37   | 45.39   | 140  | 134                  | Indoor air quality                                 | IHME   | DALYs/100,000 population               | 1.0                 | 6,217.5             | 5,594.8 |
| Unsafe water, sanitation or hygiene                           | IHME               | DALYs/100,000 population | 1.0  | 5,122.5 | 4,224.1 | 150  | 153                  |                                                    |        |                                        |                     |                     |         |
|                                                               |                    |                          |      |         |         |      |                      |                                                    |        |                                        |                     |                     |         |
| Connectedness (140th)                                         |                    |                          |      | 15%     | 15.1    | 47.0 | 162                  | 140                                                | 63.9   | 65.6                                   | 89                  | 103                 |         |
| Access to a bank account                                      | WB-GFI             | percentage               | 1.0  | 8.2     | 43.5    | 154  | 127                  | Death and injury from road traffic accidents       | IHME   | DALYs/100,000 population               | 1.0                 | 987.0               | 971.7   |
| Use of digital payments                                       | WB-GFI             | percentage               | 1.0  | 15.2    | 38.1    | 134  | 118                  | Death and injury from forces of nature             | IHME   | DALYs/100,000 population               | 0.5                 | 0.32                | 0.41    |
| Access to a cellphone                                         | GDI                | percentage               | 1.0  | 15.9    | 88.8    | 159  | 88                   | Unintentional death and injury                     | GBD    | DALYs/100,000 population               | 0.5                 | 1,551.4             | 1,554.5 |
| Rural access to roads                                         | RAI                | percentage               | 0.5  | 14.0    | 22.3    | 165  | 154                  | Occupational mortality                             | ILO    | Deaths/100,000 labour force population | 0.5                 | 17.1                | 15.0    |
| Satisfaction with public transportation                       | Gallup             | percentage               | 0.5  | 31.8    | 40.3    | 151  | 142                  |                                                    |        |                                        |                     |                     |         |
| Satisfaction with roads and highways                          | Gallup             | percentage               | 0.5  | 26.6    | 27.0    | 149  | 153                  |                                                    |        |                                        |                     |                     |         |



Italics: Indicator contains imputed values

| Preventative Interventions (152nd)      |                                                                      |                            |     |                                                                      |         |                      |      |                                                                      |                                          |                     |                                       | Global Rank 2013 2023                                                |            |       |         |      |         |
|-----------------------------------------|----------------------------------------------------------------------|----------------------------|-----|----------------------------------------------------------------------|---------|----------------------|------|----------------------------------------------------------------------|------------------------------------------|---------------------|---------------------------------------|----------------------------------------------------------------------|------------|-------|---------|------|---------|
| Behavioural Risk Factors (6th)          |                                                                      |                            |     | Source Unit Weight 2013 Value 10-yr trend 2023 Global Rank 2013 2023 |         |                      |      | Source Unit Weight 2013 Value 10-yr trend 2023 Global Rank 2013 2023 |                                          |                     |                                       | Global Rank 2013 2023                                                |            |       |         |      |         |
| Obesity                                 | WHO-GDO                                                              | percentage                 | 1.0 | 6.8                                                                  | 86.6    | Value<br>10-yr trend | 87.3 | 7                                                                    | 38                                       | 38                  | Diphtheria immunisation               | WHO and UNICEF                                                       | percentage | 1.0   | 73.0    | 70.0 | 147 145 |
| Smoking                                 | WHO                                                                  | percentage                 | 1.0 | 11.6                                                                 | 8.6     | 8.3                  | 21   | 18                                                                   | Measles immunisation                     | WHO and UNICEF      | percentage                            | 1.0                                                                  | 78.0       | 62.0  | 133 148 |      |         |
| Substance use disorders                 | GBD                                                                  | number /100,000 population | 1.0 | 702.5                                                                | 716.1   | —                    | 1    | 1                                                                    | Hepatitis immunisation                   | WHO and UNICEF      | percentage                            | 1.0                                                                  | 72.0       | 70.0  | 138 144 |      |         |
|                                         |                                                                      |                            |     |                                                                      |         |                      |      |                                                                      | Contraceptive prevalence                 | UNPD                | percentage                            | 1.0                                                                  | 9.0        | 16.4  | 156 146 |      |         |
|                                         |                                                                      |                            |     |                                                                      |         |                      |      |                                                                      | Antenatal care coverage                  | UNICEF              | percentage                            | 1.0                                                                  | 34.7       | 79.5  | 164 152 |      |         |
|                                         |                                                                      |                            |     |                                                                      |         |                      |      |                                                                      | Existence of national screening programs | WHO                 | index, 0-1                            | 0.5                                                                  | 1.0        | 0.3   | 1 116   |      |         |
| Care Systems (153rd)                    |                                                                      |                            |     |                                                                      |         |                      |      |                                                                      |                                          |                     |                                       | Global Rank 2013 2023                                                |            |       |         |      |         |
|                                         | Source Unit Weight 2013 Value 10-yr trend 2023 Global Rank 2013 2023 |                            |     |                                                                      |         |                      |      |                                                                      |                                          |                     |                                       | Global Rank 2013 2023                                                |            |       |         |      |         |
| Healthcare coverage                     | ILO                                                                  | percentage                 | 0.5 | 98.1                                                                 | 98.1    | —                    | 161  | 153                                                                  | 153                                      | 153                 | Mental Health (63rd)                  | Source Unit Weight 2013 Value 10-yr trend 2023 Global Rank 2013 2023 |            |       |         |      |         |
| Health facilities                       | WHO                                                                  | index, 0-0.6               | 1.0 | 0.042                                                                | 0.042   | —                    | 161  | 159                                                                  | Emotional wellbeing                      | Gallup              | index, 0-1                            | 0.5                                                                  | 0.88       | 0.67  | 3 99    |      |         |
| Health practitioners and staff          | WHO                                                                  | index, 0-1                 | 1.0 | 0.013                                                                | 0.016   | —                    | 153  | 159                                                                  | Depressive disorders                     | GBD                 | years /100,000 population             | 1.0                                                                  | 564.1      | 583.3 | 53 56   |      |         |
| Births attended by skilled health staff | UNICEF                                                               | percentage                 | 1.0 | 28.1                                                                 | 67.3    | 158                  | 147  | 147                                                                  | Suicide                                  | WHO                 | deaths /100,000 population            | 1.0                                                                  | 8.7        | 8.0   | 69 73   |      |         |
| Tuberculosis treatment coverage         | WHO                                                                  | percentage                 | 0.5 | 56.0                                                                 | 66.0    | 130                  | 78   | 78                                                                   |                                          |                     |                                       |                                                                      |            |       |         |      |         |
| Antiretroviral HIV therapy              | UNAIDS                                                               | percentage                 | 1.0 | 21.0                                                                 | 52.0    | 108                  | 127  | 127                                                                  |                                          |                     |                                       |                                                                      |            |       |         |      |         |
| Satisfaction with healthcare            | Gallup                                                               | percentage                 | 1.0 | 25.9                                                                 | 33.0    | 153                  | 149  | 149                                                                  |                                          |                     |                                       |                                                                      |            |       |         |      |         |
| Physical Health (134th)                 |                                                                      |                            |     |                                                                      |         |                      |      |                                                                      |                                          |                     |                                       | Global Rank 2013 2023                                                |            |       |         |      |         |
|                                         | Source Unit Weight 2013 Value 10-yr trend 2023 Global Rank 2013 2023 |                            |     |                                                                      |         |                      |      |                                                                      |                                          |                     |                                       | Global Rank 2013 2023                                                |            |       |         |      |         |
| Physical pain                           | Gallup                                                               | percentage                 | 0.5 | 26.9                                                                 | 40.4    | 74                   | 123  | 123                                                                  | Maternal mortality                       | WB-DL, UNFPA, et al | deaths /100,000 live births           | 1.0                                                                  | 660.0      | 562.0 | 152 154 |      |         |
| Health problems                         | Gallup                                                               | percentage                 | 0.5 | 17.5                                                                 | 31.8    | 25                   | 132  | 132                                                                  | Under 5 mortality                        | UNIGME              | number /1,000 under 5 years-old       | 1.0                                                                  | 130.3      | 91.0  | 161 160 |      |         |
| Communicable diseases                   | GBD                                                                  | years /100,000 population  | 2.0 | 1,497.4                                                              | 1,127.6 | 136                  | 129  | 129                                                                  | 5-14 mortality                           | UNIGME              | number /1,000 between 5-14 years-old  | 0.5                                                                  | 26.6       | 21.8  | 159 158 |      |         |
| Non-communicable diseases               | GBD                                                                  | years /100,000 population  | 0.5 | 6,332.1                                                              | 6,434.4 | 59                   | 66   | 66                                                                   | 15-60 mortality                          | WHO                 | number /1,000 between 15-60 years-old | 2.0                                                                  | 285.8      | 246.8 | 141 144 |      |         |
| Raised blood pressure                   | WHO                                                                  | percentage                 | 0.5 | 32.6                                                                 | 32.6    | 163                  | 163  | 163                                                                  | Life expectancy at 60                    | WHO                 | years                                 | 1.0                                                                  | 16.8       | 17.5  | 125 130 |      |         |



## Mali: Education (163rd) Element and indicator scores

| Mali: Education (163rd) Element and indicator scores |            |                       |               |               |                      |                     |                     |                                                     |            |                       |               |
|------------------------------------------------------|------------|-----------------------|---------------|---------------|----------------------|---------------------|---------------------|-----------------------------------------------------|------------|-----------------------|---------------|
| Indicator contains imputed values                    |            |                       |               |               |                      |                     |                     |                                                     |            |                       |               |
| Pre-Primary Education (157th)                        |            |                       |               |               |                      |                     |                     |                                                     |            |                       |               |
| Source                                               | Unit       | Weight                | Value<br>2013 | 10-yr trend   | 2023                 | Global Rank<br>2013 | 2023                | Source                                              | Unit       | Weight                | Value<br>2013 |
| Pre-primary enrolment                                | UNESCO     | percentage            | 1.0           | 3.4           | 7.6                  | 162                 | 157                 | Primary enrolment                                   | UNESCO     | percentage            | 1.0           |
|                                                      |            |                       |               |               |                      |                     |                     | Primary completion                                  | UNESCO     | percentage            | 1.0           |
|                                                      |            |                       |               |               |                      |                     |                     | Primary education quality                           | AltAng&Pat | score,<br>0-625       | 0.5           |
| Secondary Education (158th)                          | Source     | Unit                  | Weight        | Value<br>2013 | 10-yr trend          | 2023                | Global Rank<br>2013 | 2023                                                | Source     | Unit                  | Weight        |
| Secondary school enrolment                           | UNESCO     | percentage            | 1.0           | 32.0          | 29.9                 | 143                 | 154                 | Tertiary enrolment                                  | UNESCO     | percentage            | 1.0           |
| Lower-secondary completion                           | UNESCO     | percentage            | 1.0           | 19.4          | 25.6                 | 154                 | 157                 | Tertiary completion                                 | UNESCO     | percentage            | 1.0           |
| Access to quality education                          | V-DEM      | coding,<br>0-4        | 1.0           | 0.57          | 0.66                 | 156                 | 147                 | Average quality of higher education<br>institutions | QS.TES     | score,<br>0-8         | 0.5           |
| Secondary education quality                          | AltAng&Pat | score,<br>0-625       | 2.0           | 337.7         | 337.7                | 152                 | 154                 | Skillset of university graduates                    | WEF        | expert survey,<br>1-7 | 1.0           |
|                                                      |            |                       |               |               |                      |                     |                     | Quality of vocational training                      | WEF        | expert survey,<br>1-7 | 1.0           |
| Adult Skills (165th)                                 | Source     | Unit                  | Unit          | 2013          | Value<br>10-yr trend | 2023                | Global Rank<br>2013 | 2023                                                |            |                       |               |
| Adult literacy                                       | UNESCO     | percentage            | 1.0           | 31.10         | 30.76                | 161                 | 166                 |                                                     |            |                       |               |
| Education level of adult population                  | Bl         | index,<br>0-1         | 1.0           | 0.05          | 0.07                 | 165                 | 166                 |                                                     |            |                       |               |
| Women's average years in school                      | IHME       | years                 | 1.0           | 1.3           | 1.6                  | 164                 | 164                 |                                                     |            |                       |               |
| Education inequality                                 | Cas&Dom    | index,<br>0-1         | 0.5           | 0.706         | 0.706                | 165                 | 165                 |                                                     |            |                       |               |
| Digital skills among population                      | WEF        | expert survey,<br>1-7 | 0.5           | 4.08          | 3.60                 | 76                  | 122                 |                                                     |            |                       |               |



Italics: Indicator contains imputed values

| Mali: Natural Environment (97th): Element and indicator scores |            |                                  |      |                  |               |                                  |        |                     |                     |                                            |        |
|----------------------------------------------------------------|------------|----------------------------------|------|------------------|---------------|----------------------------------|--------|---------------------|---------------------|--------------------------------------------|--------|
| Element                                                        | Indicator  | Source                           | Unit | Weight           | Value<br>2013 | Value<br>10-yr trend             | 2023   | Global Rank<br>2013 | Global Rank<br>2023 |                                            |        |
|                                                                |            |                                  |      |                  |               |                                  |        |                     |                     | Source                                     | Unit   |
| Emissions (49th)                                               |            | Exposure to Air Pollution (46th) |      | Emissions (49th) |               | Exposure to Air Pollution (46th) |        | Emissions (49th)    |                     | Exposure to Air Pollution (46th)           |        |
| Black carbon emissions                                         | EDGAR      | index, 0-1                       | 1.0  | 15%              | 0.603         | 76.4                             | 72.4   | 19                  | 49                  | Exposure to fine particulate matter        | EPI    |
| CO2 emissions                                                  | GCB and CW | index, 0-1                       | 2.0  |                  | 0.896         | 91                               | 99     | 15                  | 17                  | Health impact of air pollution             | IHME   |
| Methane emissions                                              | EDGAR      | index, 0-1                       | 1.0  |                  | 0.562         | 137                              | 139    | 137                 | 139                 | Satisfaction with air quality              | Gallup |
| NOx emissions                                                  | EDGAR      | index, 0-1                       | 1.0  |                  | 0.73          | 24                               | 59     |                     |                     |                                            |        |
| SO2 emissions                                                  | EDGAR      | index, 0-1                       | 1.0  |                  | 0.901         | 25                               | 45     |                     |                     |                                            |        |
| Forest, Land and Soil (108th)                                  |            |                                  |      |                  |               |                                  |        |                     |                     |                                            |        |
| Flood occurrence                                               | WRI        | index, 0-5                       | 1.0  | 20%              | 34.4          | 37.0                             | 126    | 108                 | 108                 | Freshwater (115th)                         | FAO    |
| Forest area                                                    | FAO        | percentage                       | 1.0  |                  | 10.90         | 10.90                            | 127    | 128                 | 128                 | Freshwater withdrawal                      | FAO    |
| Sustainable nitrogen management                                | EPI        | index, 0-sqrt(2)                 | 1.0  |                  | 0.87          | 0.77                             | 97     | 70                  | 70                  | Renewable water resources                  | Gallup |
|                                                                |            |                                  |      |                  |               |                                  |        |                     |                     | Satisfaction with water quality            | EPI    |
|                                                                |            |                                  |      |                  |               |                                  |        |                     |                     | Wastewater treatment                       | FAO    |
| Oceans (Insufficient Data)                                     |            |                                  |      |                  |               |                                  |        |                     |                     |                                            |        |
| Overexploitation of fish stocks (Insufficient Data)            |            |                                  | Unit | 15%              | 1.0           | 30.3                             | 30.7   | 136                 | 143                 | Preservation Efforts (143rd)               | UNSDG  |
| Clean ocean water (Insufficient Data)                          |            |                                  | Unit |                  | 1.0           | 75.544                           | 75.544 | 25                  | 29                  | Protection for biodiverse areas            | WDPA   |
| Stability of marine biodiversity (Insufficient Data)           |            |                                  | Unit |                  | 1.0           | 8.230                            | 7.527  | 121                 | 132                 | Terrestrial protected areas                | EPI    |
|                                                                |            |                                  | Unit |                  |               | 4.43                             | 4.43   | 147                 | 150                 | Marine protected areas (Insufficient Data) | Gallup |
|                                                                |            |                                  | Unit |                  |               | 42.1                             | 45.2   | 116                 | 109                 | Pesticide regulation                       |        |
|                                                                |            |                                  | Unit |                  |               |                                  |        |                     |                     | Long term management of forest areas       |        |
|                                                                |            |                                  | Unit |                  |               |                                  |        |                     |                     | Satisfaction with preservation efforts     |        |

# Glossary



| Source Code | Source Name                                                                                    |
|-------------|------------------------------------------------------------------------------------------------|
| AD          | Aswath Damodaran                                                                               |
| AltAng&Pat  | Angrist et al.                                                                                 |
| BL          | Barro and Lee dataset                                                                          |
| BTI         | Bertelsmann Stiftung Transformation Index                                                      |
| Cas&Dom     | Castello-Climent and Domenech                                                                  |
| Chinn-Ito   | Chinn-Ito Index                                                                                |
| CIRIGHTS    | CIRIGHTS Dataset                                                                               |
| CSP         | Center for Systemic Peace                                                                      |
| CW          | Climate Watch                                                                                  |
| ECl         | Economic Complexity Index                                                                      |
| EDGAR       | Emissions Database for Global Atmospheric Research                                             |
| EPI         | Yale and Columbia Universities (Environmental Performance Index)                               |
| FAO         | Food and Agriculture Organisation                                                              |
| FH          | Freedom House                                                                                  |
| FI          | Fraser Institute                                                                               |
| Gallup      | Gallup                                                                                         |
| GBD         | Global Burden of Disease study                                                                 |
| GCB         | Global Carbon Budget                                                                           |
| GDL         | Global Data Lab                                                                                |
| GSI         | Global Slavery Index                                                                           |
| GSMA        | Grande Spéciale Mobile Association                                                             |
| GTD         | Global Terrorism Database                                                                      |
| Harvard     | Harvard database                                                                               |
| IBNET       | International Benchmarking Network for Water and Sanitation Utilities                          |
| IBP         | International Budget Partnership                                                               |
| IDEA        | International Institute for Democracy and Electoral Assistance                                 |
| IDMC        | Internal Displacement Monitoring Center                                                        |
| IEA         | International Energy Agency                                                                    |
| IHME        | Institute for Health Metrics and Evaluation                                                    |
| ILGA        | International Lesbian, Gay, Bisexual, Trans and Intersex Association                           |
| ILO         | International Labour Organisation                                                              |
| IMF         | International Monetary Fund                                                                    |
| IMF-FAS     | International Monetary Fund Financial Access Survey                                            |
| IMF-WEO     | International Monetary Fund World Economic Outlook                                             |
| IRENA       | International Renewable Energy Agency                                                          |
| ITU         | International Telecommunications Union                                                         |
| JME         | UNICEF / WHO/World Bank: Joint child malnutrition estimates                                    |
| JMP         | WHO/UNICEF Joint Monitoring Programme for Water Supply and Sanitation                          |
| OECD        | Organisation of Economic Co-operation and Development                                          |
| OHI         | Ocean Health Index                                                                             |
| OPHI        | Oxford Poverty and Human Development Initiative                                                |
| Pew         | Pew Research Center                                                                            |
| PTS         | Amnesty International & US State Department Political Terror Scale                             |
| QS          | QS World University Rankings                                                                   |
| RAI         | Rural Access Index                                                                             |
| RsF         | Reporters Without Borders                                                                      |
| TE          | Trading Economics                                                                              |
| TES         | TES University Rankings                                                                        |
| UCDP        | Uppsala Conflict Data Program                                                                  |
| UIC         | International Union of Railways                                                                |
| UNAIDS      | Joint United Nations Programme on HIV and AIDS                                                 |
| UNCOM       | United Nations Comtrade Database                                                               |
| UNCTAD      | United Nations Trade Data                                                                      |
| UNESCO      | UNESCO Institute for Statistics                                                                |
| UNESD       | United Nations Energy Statistics Database                                                      |
| UNFPA       | United Nations Population Fund                                                                 |
| UNHCR       | United Nations High Commissioner for Refugees                                                  |
| UNICEF      | United Nations International Children's Emergency Fund                                         |
| UNIGME      | United Nations Inter-agency Group for Child Mortality Estimation                               |
| UNODC       | United Nations Office on Drugs and Crime                                                       |
| UNPD        | United Nations Population Division                                                             |
| UNSD        | United Nations Statistics Division                                                             |
| UNSDG       | United Nations sustainable development goals                                                   |
| V-DEM       | Varieties of Democracy                                                                         |
| WB-ALT      | World Bank Alternative Indicator                                                               |
| WB-CPIA     | World Bank Group, CPIA database                                                                |
| WB-DI       | World Bank World Development Indicators                                                        |
| WB-ES       | World Bank Enterprise Surveys                                                                  |
| WB-GFI      | World Bank Global Financial Inclusion                                                          |
| WB-LPI      | World Bank Logistics Performance Index                                                         |
| WDPA        | World Database on Protected Areas                                                              |
| WEF         | World Economic Forum Global Competitiveness Index                                              |
| WGI         | Worldwide Governance Indicators                                                                |
| WHO         | World Health Organisation                                                                      |
| WHO-GDO     | World Health Organisation (Global Dementia Observatory)                                        |
| WIPO        | World Intellectual Property Organisation                                                       |
| WJP         | World Justice Project (Rule of Law Index)                                                      |
| WomStat     | The WomanStats Project                                                                         |
| WRI         | World Resources Institute                                                                      |
| WTO         | World Trade Organisation                                                                       |
| WVS         | World Values Survey, European Values Survey, Global Barometer, Arab Barometer, Latinobarometro |