**Codebook for MCC Country Selection Indicators Open Data FY23**

The following document describes the files and variables present in the Millennium Challenge Corporation (MCC) Country Selection Indicators for fiscal year 2023 (FY23) available on MCC’s [Open Data Portal](https://data.mcc.gov/). These are the indicators that MCC uses to create its scorecards. For more information about the rationale for choosing these indicators as well as the methodology used to construct these indicators, consult MCC’s [Guide to the Indicators](https://www.mcc.gov/resources/doc/guide-to-the-indicators-fy-2021).

This document is divided into two sections. The first explains the individual indicator files. The second explains the supplemental files including files for calculation of income pools and aggregated data files.

**Indicator Files**

The following files are specific to each indicator on MCC’s scorecard. Note that there are 20 indicators on the scorecard, but 21 files listed here. This is because countries in the Lower Income Scorecard Pool (LISP) use the Girls’ Primary Education Completion Rate indicator, while countries in the Higher Income Scorecard Pool (HISP) use the Girls’ Secondary Education Enrollment Rate indicator.

**Access to Credit**

The file accesstocreditfy23-ptm-PTM.csv documents the construction of the Access to Credit Indicator. Observations are uniquely identified by the [accessCreditCountry] and the [accessCreditYear] variables.

*accessCreditCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*accessCreditYear:*

The year variable for this file. This value corresponds to the most recent year from the underlying data sources, which is two years before the current fiscal year for the scorecards (so 2021 matches with FY23). Visit MCC’s website at https://www.mcc.gov/blog/entry/blog-101921-financial-inclusion to learn about how MCC expanded this indicator.

*accessCreditThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*accessCreditFINDEX Data*

This is the raw data from Findex’s “Account (% age 15+)”. Data from earlier years is pulled forward (e.g. data from 2017 is pulled forward to 2018, 2019, and 2020).

*accessCreditFINDEX Maximum*

This is the maximum value of [accessCreditFINDEX Data] by year, used for calculating the normalized score and missing values.

*accessCreditFINDEX Minimum*

This is the minimum value of [accessCreditFINDEX Data] by year, used for calculating the normalized score.

*accessCreditNormalized FINDEX*

This is the normalized score for the Findex portion of the Access to Credit indicator. This is calculated by dividing the difference between the raw score and the maximum by the difference between the maximum and the minimum, then subtracting the quotient from 1. [accessCreditNormalized FINDEX] = 1-(([accessCreditFINDEX Maximum] – [accessCreditFINDEX Data]) / ([accessCreditFINDEX Maximum] – [accessCreditFINDEX Minimum]))

*accessCreditFIA Data*

This is the raw data from The IMF’s Financial Development Index: the Financial Institution Access index. Data is offset by one year to match with the most recent Findex data (e.g. IMF data from 2020 is listed as 2021, and matched with Findex data from 2021).

*accessCreditFIA Maximum*

This is the maximum value of [accessCreditFIA Data] by year, used for calculating the normalized score and missing values.

*accessCreditFIA Minimum*

This is the minimum value of [accessCreditFIA Data] by year, used for calculating the normalized score.

*accessCreditNormalized FIA*

This is the normalized score for the FIA portion of the Access to Credit indicator. This is calculated by dividing the difference between the raw score and the maximum by the difference between the maximum and the minimum, then subtracting the quotient from 1. [accessCreditNormalized FIA] = 1-(([accessCreditFIA Maximum] – [accessCreditFIA Data]) / ([accessCreditFIA Maximum] – [accessCreditFIA Minimum]))

*accessCreditScore*

This is the Country’s score for Access to Credit, calculated by averaging the two normalized scores. If either score is missing the other is used. If both are missing the country is given an N/A. [accessCreditScore] = ([accessCreditNormalized FIA] + [accessCreditNormalized FINDEX]) / 2

*accessCreditRound Score*

The [accessCreditScore] rounded for display on the scorecard.

*accessCreditMedian*

The median of the score for each scorecard pool.

*accessCreditRound Median*

The [accessCreditMedian] rounded for display on the scorecard.

accessCreditPercentrank

The percentile of the [accessCreditScore] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*accessCreditCountryCode*

The two-letter country code for each country.

**Child Health**

The file childhealthfy23-ptm-PTM.csv documents the construction of the Child Health Indicator. Observations are uniquely identified by the [chCountry] and the [chYear] variables.

*chCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*chYear:*

The year variable for this file. This value corresponds to the year listed in the most recent CIESIN data release. These releases are 3 years behind the current fiscal year (so 2020 matches with FY23).

*chThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*chOriginal Data*

This is the raw data from CIESIN’s Natural Resource Protection indicator.

*chScore*

This rounds the raw CIESIN data slightly before calculating the median.

*chRound Score*

The [chScore] data rounded for display on the scorecard.

*chMedian*

This is the value for the median for a given scorecard income pool and year. Note that the most recent value should match the current scorecard median, but due to historic data revisions, previous years may not match previous scorecard medians.

*chRound Median*

The median rounded for display on the scorecard.

*chPercentrank*

The percentile of the [chOriginal Data] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*chCountryCode*

The two-letter country code for each country.

**Civil Liberties**

The file civillibertiesfy23-ptm-PTM.csv documents the construction of the Civil Liberties Indicator. Observations are uniquely identified by the [civLibCountry] and the [civLibYear] variables.

*civLibCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*civLibYear:*

The year variable for this file. This value corresponds to the year of the Freedom House Freedom in the World Report, which is two years behind the current fiscal year for the scorecards (so 2021 matches with FY23).

*civLibThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*civLibOriginal Data*

This is the raw data from the Freedom House Civil Liberties indicator.

*civLibRound Score*

The [civLibOriginal Data] rounded for display on the scorecard.

*civLibMinimum*

The value that countries need to score above to pass this indicator.

civLibPercentrank

The percentile of the [civLibOriginal Data] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*civLibCountryCode*

The two-letter country code for each country.

**Control of Corruption**

The file controlofcorruptionfy23-ptm-PTM.csv documents the construction of the Control of Corruption Indicator. Observations are uniquely identified by the [conCorCountry] and the [conCorYear] variables.

*conCorCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*conCorYear:*

The year variable for this file. This value corresponds to the year of the World Governance Indicators (WGI) release, which is two years behind the current fiscal year for the scorecards (so 2021 matches with FY23).

*conCorThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*conCorOriginal Data*

This is the raw data from the Control of Corruption WGI indicator.

*conCorStdErr*

The standard error for the indicator.

*conCorMedian Calculation*

This is the calculation of the scorecard income pool median for the original data. With all of the WGI indicators MCC sets the median to zero and adjusts all the data accordingly.

*conCorScore*

This is the MCC score for this indicator. This is the difference between the original score and the original median. [conCorScore] = [conCorOriginalData] – [conCorMedian]

*conCorRound Score*

The [conCorScore] rounded for display on the scorecard.

*conCorMedian*

The new median based on the adjusted data (zero).

conCorPercentrank

The percentile of the [conCorScore] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*conCorCountryCode*

The two-letter country code for each country.

**Primary Education Expenditures**

The file educationexpendituresfy23-ptm-PTM.csv documents the construction of the Primary Education Expenditures Indicator. Observations are uniquely identified by the [educExpCountry] and the [educExpYear] variables.

*educExpCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*educExpYear:*

The year variable for this file. This value corresponds to the year listed in the most recent UNESCO release. These are based on the fiscal years of individual countries.

*educExpThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*educExpOriginal Data*

This is the raw data from the UNESCO’s Primary Education Expenditure, specifically Government expenditure on primary education as a percentage of GDP (%) as measured by UNESCO.

*educExpLast Known Data*

This variable lists the most recent data for this indicator going back a set number of years. It is blank for years before that period or if a country is missing data for all years covered. See MCC’s Guide to the Indicators for more information on the number of years back this indicator goes.

*educExpRound Score*

The [educExpLast Known Data] rounded for display on the scorecard.

*educExpMedian*

This is the value for the median for a given scorecard income pool and year. Note that the most recent value should match the current scorecard median, but due to historic data revisions, previous years may not match previous scorecard medians.

*educExpRound Median*

The median rounded for display on the scorecard.

educExpPercentrank

The percentile of the [educExpLast Known Data] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*educExpCountryCode*

The two-letter country code for each country.

**Employment Opportunity**

The file EmpOppfy23-ptm-PTM.csv documents the construction of the Employment Opportunity Indicator. Observations are uniquely identified by the [empOppCountry] and the [empOppYear] variables.

*empOppCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*empOppYear:*

The year variable for this file. Only 2021 is listed because this is a new indicator. For more information on this indicator consult MCC’s blog on the [Employment Opportunity Indicator](https://www.mcc.gov/blog/entry/blog-101422-scorecard-indicator-employment).

*empOppThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*empOppScore*

This is the normalized score on the Employment Opportunity indicator. This is an average of a country’s normalized scores on disability rights, forced labor, employment discrimination, and CSO Start-Up. For more information on how this is constructed, visit the page describing the methodology for MCC’s [Employment Opportunity indicator](https://www.mcc.gov/who-we-select/indicator/employment-opportunity).

*empOppRound Score*

The [empOppScore] rounded for display on the scorecard.

*empOppMedian*

The median of the score for each scorecard pool.

*empOppRound Median*

The [empOppMedian] rounded for display on the scorecard.

empOppPercentrank

The percentile of the [empOppScore] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*empOppCountryCode*

The two-letter country code for each country.

**Fiscal Policy**

The file fiscalpolicyfy23-ptm-PTM.csv documents the construction of the Fiscal Policy Indicator. Observations are uniquely identified by the [fisPolCountry] and the [fisPolYear] variables.

*fisPolCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*fisPolYear:*

The year variable for this file. This value corresponds to the year of the WEO data that “estimates start after” which is two years behind the current fiscal year for the scorecards (so 2021 is the most recent year for FY23).

*fisPolThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*fisPolFiscal Data 20XX*

The Fiscal Policy indicator is a three year rolling average. Therefore the two previous years are included as variables for the purpose of creating this average (so for FY23, the most recent data would be from 2021, therefore there would be two variables listed as [fisPolFiscal Data 2019] and [fisPolFiscal Data 2020]). If data from one year is missing the others are averaged.

*fisPolOriginal Data*

This is the fiscal policy data from the most recent year not listed as an estimate.

*fisPolScore*

This is the average of the last three years of data for fiscal policy. For example, in FY23 [fisPolScore] = ([fisPolOriginal Data] + [fisPolFiscal Data 2020] + [fisPolFiscal Data 2019]) / 3

*fisPolRound Score*

The [fisPolScore] data rounded for display on the scorecard.

*fisPolMedian*

This is the value for the median for a given year and scorecard income pool.

*fisPolRound Median*

The median rounded for display on the scorecard.

fisPolPercentrank

The percentile of the [fisPolScore] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*fisPolCountryCode*

The two-letter country code for each country.

**Freedom of Information**

The file freedomofinformationfy23-ptm-PTM.csv documents the construction of the Fiscal Policy Indicator. Observations are uniquely identified by the [freedomInfoCountry] and the [freedomInfoYear] variables.

*freedomInfoCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*freedomInfoYear:*

The year variable for this file. This value corresponds to the year of the RSF report which is one year behind the current fiscal year for the scorecards (so 2022 matches with FY23).

*freedomInfoThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*freedomInfoFreedom of Press Original Data*

This is the original RSF data. Note that values are no longer imputed for missing countries. Consult MCC’s Guide to the Indicators for more information.

*freedomInfoRight to Information Original Data*

This is the original Right to Information data. Note that MCC only uses whether a country has a Right to Information Law in computing its score, not the score for that law.

*freedomInfoRight to Information Calculation*

Countries with a Right to Information Law on the books (as listed in the [freedomInfoRight to Information Original Data] variable) receive 4 points. Countries without such a law receive 0 points.

*freedomInfoFreedom of Internet Original Data*

This is the original Internet Shutdowns Data, a count of the days the internet was shut down up to nine. See MCC’s Guide to the Indicators for more information.

*freedomInfoFreedom of Internet Calculation*

This value is equal to the value of [freedomInfoFreedom of Internet Original Data] unless that value is over 9, in which case [freedomInfoFreedom of Internet Calculation] is set to 9, or that value is missing, in which case [freedomInfoFreedom of Internet Calculation] is set to zero.

*freedomInfoScore*

This score is calculated using the RSF data, the Right to Information data, and the Internet Shutdowns data. The calculation starts with the RSF data, adds 4 points if the country has a Right to Information law, then subtracts one point for each day of Internet Shutdowns up to 9 points. Therefore [freedomInfoScore] = [freedomInfoOriginal Data] + [freedomInfoRight to Information Calculation] – [freedomInfoFreedom of Internet Calculation]. Note that in previous years this calculation was reversed because before this year, lower was better on the RSF index. For this year, and all of the historic data included in this file, higher is better.

*freedomInfoRound Score*

The [freedomInfoScore] data rounded for display on the scorecard.

*freedomInfoMedian*

This is the value for the median for a given year and scorecard income pool.

freedomInfoPercentrank

The percentile of the [freedomInfoScore] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*freedomInfoCountryCode*

The two-letter country code for each country.

**Gender in the Economy**

The file genderintheeconomynewfy23-ptm-PTM.csv documents the construction of the Gender in the Economy Indicator. Observations are uniquely identified by the [genderEconCountry] and the [genderEconYear] variables.

*genderEconCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*genderEconYear:*

The year variable for this file. This value corresponds to the year listed in the most recent calendar year. Note that the calendar year for WBL’s data is one year prior to WBL’s listed “reporting year” and two years behind the current scorecard Fiscal Year. This means that the calendar year 2021 in this file matches the data from reporting year 2022 in WBL’s data and MCC’s FY23 scorecards.

*genderEconThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*genderEconOriginal Data*

This is the raw data from Women Business and the Law as aggregated into a single value. For information on how exactly this is constructed, consult MCC’s Guide to the Indicators.

*genderEconGender WBL Original Data*

The raw score from the World Bank’s WBL Index.

*genderEconGender World Original Data*

The computed score from UCLA’s WORLD Policy Analysis center data. See the Guide to the indicators for how this is computed.

*genderEconScore*

This score is the weighted average of [genderEconGender World Original Data] and [genderEconGender WBL Original Data]. The WORLD data is weighted like a ninth category of the WBL index, so is given a 1/9th weight, while the WORLD data is given an 8/9ths weight. So [genderEconScore] = ([genderEconGender World Original Data] \* 8/9) + ([genderEconGender WBL Original Data] \* 1/9).

*genderEconRound Score*

The [genderEconScore] data rounded for display on the scorecard.

*genderEconMedian*

This is the rounded value for the median for a given scorecard income pool and year for display on the scorecard. Note that the most recent value should match the current scorecard median, but due to historic data revisions, previous years may not match previous scorecard medians.

*genderEconMedian Calculation*

This is the minimally rounded value for the median for a given scorecard income pool and year for passage calculation. Note that the most recent value should match the current scorecard median, but due to historic data revisions, previous years may not match previous scorecard medians.

*genderEconPercentrank*

The percentile of the [genderEconOriginal Data] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*genderEconCountryCode*

The two-letter country code for each country.

**Girls’ Primary Education Completion Rate**

The file girlsprimaryeducationfy23-ptm-PTM.csv documents the construction of the Girls’ Primary Education Completion Rate Indicator. Note that this indicator is only used for countries in the lower income scorecard pool. Observations are uniquely identified by the [girlsPrimCountry] and the [girlsPrimYear] variables.

*girlsPrimCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*girlsPrimYear:*

The year variable for this file. This value corresponds to the year listed in the most recent UNESCO release. These are based on the fiscal years of individual countries.

*girlsPrimThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*girlsPrimOriginal Data*

This is the raw data from UNESCO’s Girls’ Primary Education Completion Rate, specifically gross intake ratio to the last grade of primary education, female (%).

*girlsPrimLast Known Data*

This variable lists the most recent data for this indicator going back a set number of years. It is blank for years before that period or if a country is missing data for all years covered.

*girlsPrimRound Score*

The [girlsPrimLast Known Data] rounded for display on the scorecard.

*girlsPrimMedian*

This is the value for the median for a given scorecard income pool and year. Note that the most recent value should match the current scorecard median, but due to historic data revisions, previous years may not match previous scorecard medians.

*girlsPrimRound Median*

The median rounded for display on the scorecard.

girlsPrimPercentrank

The percentile of the [girlsPrimLast Known Data] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*girlsPrimCountryCode*

The two-letter country code for each country.

**Girls’ Secondary Education Enrollment Rate**

The file girlssecondaryeducationenrollmentratesfy23-ptm-PTM.csv documents the construction of the Girls’ Secondary Education Enrollment Rate Indicator. Note that this indicator is only used for countries in the higher income scorecard pool. Observations are uniquely identified by the [girlsSecCountry] and the [girlsSecYear] variables.

*girlsSecCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*girlsSecYear:*

The year variable for this file. This value corresponds to the year listed in the most recent UNESCO release. These are based on the fiscal years of individual countries.

*girlsSecThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*girlsSecOriginal Data*

This is the raw data from UNESCO’s Girls’ Secondary Education Enrollment Rate, specifically gross enrolment ratio, lower secondary, female (%).

*girlsSecLast Known Data*

This variable lists the most recent data for this indicator going back a set number of years. It is blank for years before that period or if a country is missing data for all years covered.

*girlsSecRound Score*

The [girlsSecLast Known Data] rounded for display on the scorecard.

*girlsSecMedian*

This is the value for the median for a given scorecard income pool and year. Note that the most recent value should match the current scorecard median, but due to historic data revisions, previous years may not match previous scorecard medians.

*girlsSecRound Median*

The median rounded for display on the scorecard.

girlsSecPercentrank

The percentile of the [girlsSecLast Known Data] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*girlsSecCountryCode*

The two-letter country code for each country.

**Government Effectiveness**

The file governmenteffectivenessfy23-ptm-PTM.csv documents the construction of the Government Effectiveness Indicator. Observations are uniquely identified by the [govtEffCountry] and the [govtEffYear] variables.

*govtEffCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*govtEffYear:*

The year variable for this file. This value corresponds to the year of the World Governance Indicators (WGI) release, which is two years behind the current fiscal year for the scorecards (so 2021 matches with FY23).

*govtEffThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*govtEffOriginal Data*

This is the raw data from the Government Effectiveness WGI indicator.

*govtEffStdErr*

The standard error for the indicator.

*govtEffMedian Calculation*

This is the calculation of the scorecard income pool median for the original data. With all of the WGI indicators MCC sets the median to zero and adjusts all the data accordingly.

*govtEffScore*

This is the MCC score for this indicator. This is the difference between the original score and the original median. [govtEffScore] = [govtEffOriginalData] – [govtEffMedian]

*govtEffRound Score*

The [govtEffScore] rounded for display on the scorecard.

*govtEffMedian*

The new median based on the adjusted data (zero).

govtEffPercentrank

The percentile of the [govtEffScore] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*govtEffCountryCode*

The two-letter country code for each country.

**Health Expenditure**

The file healthexpendituresfy23-ptm-PTM.csv documents the construction of the Health Expenditures Indicator. Observations are uniquely identified by the [healthCountry] and the [healthYear] variables.

*healthCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*healthYear:*

The year variable for this file. This value corresponds to the year listed in the most recent WHO release. These releases are 4 years behind the current fiscal year (so 2019 matches with FY23).

*healthThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*healthOriginal Data*

This is the raw data from WHO’s Health Expenditure, specifically domestic general government health expenditure (GGHE-D) as a percent of GDP.

*healthRound Score*

The [healthOriginal Data] rounded for display on the scorecard.

*healthMedian*

This is the value for the median for a given scorecard income pool and year. Note that the most recent value should match the current scorecard median, but due to historic data revisions, previous years may not match previous scorecard medians.

*healthRound Median*

The median rounded for display on the scorecard.

healthPercentrank

The percentile of the [healthOriginal Data] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*healthCountryCode*

The two-letter country code for each country.

**Immunization Rates**

The file immunizationratesfy23-ptm-PTM.csv documents the construction of the Immunization Rates Indicator. Observations are uniquely identified by the [immunCountry] and the [immunYear] variables.

*immunCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*immunYear:*

The year variable for this file. This value corresponds to the most recent year of the WHO/UNICEF report, which is two years behind the current fiscal year for the scorecards (so 2021 matches with FY23).

*immunThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*immunDTP3 Original Data*

This is the raw data from the WHO/UNICEF DPT3 coverage rates or “Third dose of diphtheria toxoid, tetanus toxoid and pertussis vaccine.”

*immunDTP3 Weight*

In order to normalize the DTP3 and MCV1 portions of the data, they are each weighted. This is the weight assigned to the DTP3 portion of the indicator.

*immunMCV1 Original Data*

This is the raw data from the WHO/UNICEF MCV1 coverage rates or “Measles-containing vaccine.”

*immunMCV1 Weight*

In order to normalize the DTP3 and MCV1 portions of the data, they are each weighted. This is the weight assigned to the MCV1 portion of the indicator.

*immunScore*

This is the average (note both weights are 0.5) of the DTP3 immunization coverage and the MCV1 immunization coverage. [immunScore] = ([immunDTP3 Original Data] \* [immunDTP3 Weight]) + ([immunMCV1 Original Data] \* [immunMCV1 Weight])

*immunRound Score*

The [immunScore] rounded for display on the scorecard.

*immunMedian*

The median by year and income group. Note that, if the median is lower than the minimum required score [immunMinimum], a country must score above this median to pass. However, if the median is above the minimum required score [immunMinimum], a country must score above that minimum to pass.

*immunMinimum*

To pass this indicator, a country must score above this value or the median for its income group [immunMedian], whichever is lower.

immunPercentrank

The percentile of the [immunScore] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*immunCountryCode*

The two-letter country code for each country.

**Inflation**

The file inflationfy23-ptm-PTM.csv documents the construction of the Inflation Indicator. Observations are uniquely identified by the [inflCountry] and the [inflYear] variables.

*inflCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*inflYear:*

The year variable for this file. This value corresponds to the year of the IMF/WEO Report, which is two years behind the current fiscal year for the scorecards (so 2021 matches with FY23).

*inflThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*inflOriginal Data*

This is the raw data from the IMF/WEO report.

*inflScore*

This is the raw data only for the years featured on the scorecard.

*inflRound Score*

The [inflScore] value rounded for display on the scorecard.

*inflMaximum*

The value that countries need to score below to pass this indicator.

inflPercentrank

The percentile of the [inflScore] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*inflCountryCode*

The two-letter country code for each country.

**Land Rights and Access**

The file landrightsandaccessfy23-ptm-PTM.csv documents the construction of the Land Rights and Access Indicator. Observations are uniquely identified by the [lraCountry] and the [lraYear] variables.

*lraCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*lraYear:*

The year variable for this file. This value corresponds to the year of the Varieties of Democracy (V-Dem) dataset, which is two years before the current fiscal year for the socrecards (so 2021 matches with FY23). Visit MCC’s website at https://www.mcc.gov/blog/entry/blog-101921-financial-inclusion to learn about how MCC expanded this indicator.

*lraThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*lraLand Data*

The raw Access to Land data from IFAD (note that the year of these data has been shifted forward 2 years to match the V-Dem data, so 2018 IFAD matches 2020 V-Dem).

*lraifaD Data*

This variable is identical to [lraLandData]. See MCC’s Guide to the Indicators for specifics.

*lraifaD Maximum*

This is the maximum value of [lraLast Known IFAD Data] by year and scorecard pool, used for calculating the normalized score.

*lraifaD Sub-Score*

This is the difference between the IFAD score and the maximum value for IFAD for a given year and scorecard pool. [lraifaD Sub-Score] = [lraifaD Maximum] – [lraLast Known IFAD Data]

*lraifaD Minimum*

This is the minimum value of [lraLast Known IFAD Data] by year and scorecard pool, used for calculating the normalized score.

*lraifaD Normalized*

This is the normalized score for the IFAD portion of the Land Rights and Access indicator. This is calculated by dividing the sub-score by the difference between the maximum and the minimum. [lraifaD Normalized] = [lraifaD Sub-Score] / ([lraifaD Maximum] – [lraifaD Minimum]

*lraifaD Normalized – 1*

A higher score is better on this indicator, so the normalized score must be inverted. This variable reverses the IFAD part of the score.

*lraLand Weight*

In order to average the different data sources, they are each weighted. This is the weight assigned to the IFAD portion of the indicator.

*lraV-Dem Data*

This is the raw data from Varieties of Democracy’s index on property rights (v2xcl-prpty).

*lraV-Dem Maximum*

This is the maximum value of [lraV-Dem Data] by year, used for calculating the normalized score and missing values.

*lraV-Dem Minimum*

This is the minimum value of [lraV-Dem Data] by year, used for calculating the normalized score.

*lraV-Dem Normalized*

This is the normalized score for the V-Dem portion of the Land Rights and Access indicator. This is calculated by dividing the difference between the raw score and the maximum by the difference between the maximum and the minimum. [lraV-Dem Normalized] = (([lraV-Dem Maximum] – [lraV-Dem Data]) / ([lraV-Dem Maximum] – [lraV-Dem Minimum]))

*lraV-Dem Normalized-1*

A higher score is better on this indicator, so the normalized score must be inverted. This variable reverses the V-Dem part of the score.

*lraScore*

This is the Country’s score for Land Rights and Access, calculated by averaging the two normalized scores. When IFAD data from the current year is missing, normalized data from V-Dem is used. When V-Dem is missing data, the indicator is considered missing and a country will receive an N/A for this indicator on the scorecard [lraScore] = ([lraV-Dem Normalized-1] + [lraifaD Normalized – 1]) / 2

*lraRound Score*

The lraScore rounded for display on the scorecard.

*lraMedian*

The median of the score for each scorecard pool.

*lraRound Median*

The lraMedian rounded for display on the scorecard.

lraPercentrank

The percentile of the [lraScore] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*lraCountryCode*

The two-letter country code for each country.

**Natural Resource Protection**

The file naturalresourceprotectionfy23-ptm-PTM.csv documents the construction of the Natural Resource Protection Indicator. Observations are uniquely identified by the [nrmCountry] and the [nrmYear] variables.

*nrmCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*nrmYear:*

The year variable for this file. This value corresponds to the year listed in the most recent EPI data release. These releases are 1 year behind the current fiscal year (so 2022 matches with FY23).

*nrmThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*nrmOriginal Data*

This is the raw data from CIESIN’s Natural Resource Protection indicator.

*nrmScore*

This rounds the raw CIESIN data slightly before calculating the median.

*nrmRound Score*

The [nrmScore] data rounded for display on the scorecard.

*nrmMedian*

This is the value for the median for a given scorecard income pool and year. Note that the most recent value should match the current scorecard median, but due to historic data revisions, previous years may not match previous scorecard medians.

*nrmRound Median*

The median rounded for display on the scorecard.

*nrmPercentrank*

The percentile of the [nrmOriginal Data] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*nrmCountryCode*

The two-letter country code for each country.

**Political Rights**

The file politicalrightsfy23-ptm-PTM.csv documents the construction of the Political Rights Indicator. Observations are uniquely identified by the [polRigCountry] and the [polRigYear] variables.

*polRigCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*polRigYear:*

The year variable for this file. This value corresponds to the year of the Freedom House Freedom in the World Report, which is two years behind the current fiscal year for the scorecards (so 2021 matches with FY23).

*polRigThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*polRigOriginal Data*

This is the raw data from the Freedom House Political Rights indicator.

*polRigRound Score*

The [polRigScore] rounded for display on the scorecard.

*polRigMinimum*

The value that countries need to score above to pass this indicator.

polRigPercentrank

The percentile of the [polRigOriginal Data] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*polRigCountryCode*

The two-letter country code for each country.

**Regulatory Quality**

The file regulatoryqualityfy23-ptm-PTM.csv documents the construction of the Regulatory Quality Indicator. Observations are uniquely identified by the [regQualityCountry] and the [regQualityYear] variables.

*regQualityCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*regQualityYear:*

The year variable for this file. This value corresponds to the year of the World Governance Indicators (WGI) release, which is two years behind the current fiscal year for the scorecards (so 2021 matches with FY23).

*regQualityThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*regQualityOriginal Data*

This is the raw data from the Regulatory Quality WGI indicator.

*regQualityStdErr*

The standard error for the indicator.

*regQualityMedian Calculation*

This is the calculation of the scorecard income pool median for the original data. With all of the WGI indicators MCC sets the median to zero and adjusts all the data accordingly.

*regQualityScore*

This is the MCC score for this indicator. This is the difference between the original score and the original median. [regQualityScore] = [regQualityOriginalData] – [regQualityMedian]

*regQualityRound Score*

The [regQualityScore] rounded for display on the scorecard.

*regQualityMedian*

The new median based on the adjusted data (zero).

regQualityPercentrank

The percentile of the [regQualityScore] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*regQualityCountryCode*

The two-letter country code for each country.

**Rule of Law**

The file ruleoflawfy23-ptm-PTM.csv documents the construction of the Rule of Law Indicator. Observations are uniquely identified by the [ruleLawCountry] and the [ruleLawYear] variables.

*ruleLawCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*ruleLawYear:*

The year variable for this file. This value corresponds to the year of the World Governance Indicators (WGI) release, which is two years behind the current fiscal year for the scorecards (so 2021 matches with FY23).

*ruleLawThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*ruleLawOriginal Data*

This is the raw data from the Rule of Law WGI indicator.

*ruleLawStdErr*

The standard error for the indicator.

*ruleLawMedian Calculation*

This is the calculation of the scorecard income pool median for the original data. With all of the WGI indicators MCC sets the median to zero and adjusts all the data accordingly.

*ruleLawScore*

This is the MCC score for this indicator. This is the difference between the original score and the original median. [ruleLawScore] = [ruleLawOriginalData] – [ruleLawMedian]

*ruleLawRound Score*

The [ruleLawScore] rounded for display on the scorecard.

*ruleLawMedian*

The new median based on the adjusted data (zero).

ruleLawPercentrank

The percentile of the [ruleLawScore] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*ruleLawCountryCode*

The two-letter country code for each country.

**Trade Policy**

The file tradepolicyfy23-ptm-PTM.csv documents the construction of the Trade Policy Indicator. Observations are uniquely identified by the [tradeCountry] and the [tradeYear] variables.

*tradeCountry:*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*tradeYear:*

The year variable for this file. This value corresponds to the year listed in the most recent Heritage data release. These releases are 1 year behind the current fiscal year (so 2022 matches with FY23).

*tradeThreshold*

The scorecard income group for the file. This sorts countries into either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*tradeTrade Freedom*

The raw trade freedom score from Heritage Foundation.

*tradeRound Score*

The [tradeScore] data rounded for display on the scorecard.

*tradeMedian*

This is the value for the median for a given scorecard income pool and year.

tradePercentrank

The percentile of the [tradeOriginal Data] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*tradeCountryCode*

The two-letter country code for each country.

**Supplemental Files**

The files below include the information used to calculate income thresholds for scorecard pools as well as files which aggregate data from the individual indicator files in several different formats.

**GNI Indicator Calculation**

The file gnify23-ptm-PTM.csv documents the World Bank GNI per capita from the July release for this year and the scorecard pool classification. Observations are uniquely identified by the [country] variable.

*country*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*uS Dollars*

The country’s value for GNI per capita using the World Bank’s Atlas method (July release). Countries missing this information are left blank.

*threshold*

The scorecard income group for a particular country, either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP). MCC consults with the World Bank to determine where countries with missing GNI per capita information should fit.

**World Bank Raw GNI File**

The file GNIPC.xls is the World Bank’s raw GNI data from July 2022. MCC bases country classifications on the World Bank’s July release of the Gross National Income per capita data (Atlas method). These historical data are not retained publicly on the World Bank’s website after subsequent updates, therefore MCC posts the July release on its open data portal. For more information on the information in this file, consult the [World Bank’s website](https://datahelpdesk.worldbank.org/knowledgebase/articles/906519-world-bank-country-and-lending-groups).

**Scorecard Income Group Thresholds**

The file gnilimitsfy23-ptm-PTM.csv documents the income thresholds used by MCC to establish the Income Scorecard Pools. Observations are uniquely identified by the [gniLimitIncCat] variable.

*gniLimitIncCat*

The scorecard income pool referenced. Either the Lower Income Scorecard Pool (LISP) or the Higher Income Scorecard Pool (HISP).

*gniLimitLow*

The lower bound for the scorecard pool. This is equal to zero in the case of the Lower Income Scorecard Pool and the World Bank’s historic IDA lending threshold in the case of the Higher Income Scorecard Pool.

*gniLimitHigh*

The higher bound for the scorecard pool. The World Bank’s historic IDA lending threshold in the case of the Lower Income Scorecard Pool and the World Bank’s threshold between Lower Middle Income Countries and Upper Middle Income Countries in the case of the Higher Income Scorecard Pool.

**Income Categories**

The file incomecategoriesfy23-ptm-PTM.csv defines the acronyms for the income categories listed. Observations are uniquely identified by the [incomeCategory] variable.

*incomeCategory*

The abbreviations for the Scorecard Income Pools used throughout the Open Data Files.

*incomeCategoryDesc*

The full name of the Scorecard Income Pools.

**Indicator Cutoffs**The file indicatorsthresholdfy23-ptm-PTM.csv documents the necessary thresholds that a country must surpass to pass a given indicator for a given scorecard income pool. Observations are uniquely identified by the [indicatorName] and [incomeCategory] variables.

*indicatorName*

The name of the given indicator.

*incomeCategory*

The scorecard income pool for each indicator. Note that cutoffs are differentiated by scorecard pool.

*reportYear*

The year of the particular scorecard.

*medianValue*

The value of the cutoff. Note that this is not always a median. It can be a minimum or a maximum as distinguished by the variable [thresholdCode]

*thresholdCode*

This variable denotes whether the particular [medianValue] is a median, minimum, or maximum. Note that, due to some indicators having inverted scales, sometimes a median requires a score higher than the median, sometimes it requires a score lower than the median. See the Guide to the Indicators for more information.

**LISP Indicators**

The file lispindicatorsfy23-ptm-PTM.csv combines the final scores from the individual indicator files into a single file for the current year for countries in the lower income scorecard pool. Observations are uniquely identified by the [countryName] variable.

*countryName*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*healthScore*

An individual country’s score on the Health Expenditures indicator.

*polRigScore*

An individual country’s score on the Political Rights indicator.

*civLibScore*

An individual country’s score on the Civil Liberties indicator.

*conCorScore*

An individual country’s score on the Control of Corruption indicator.

*govtEffScore*

An individual country’s score on the Government Effectiveness indicator.

*ruleLawScore*

An individual country’s score on the Rule of Law indicator.

*freedomInfoScore*

An individual country’s score on the Freedom of Information indicator.

*immunScore*

An individual country’s score on the Immunization Rates indicator.

*educExpScore*

An individual country’s score on the Primary Education Expenditures indicator.

*chScore*

An individual country’s score on the Child Health indicator.

*nrmScore*

An individual country’s score on the Natural Resource Protection indicator.

*regQualityScore*

An individual country’s score on the Regulatory Quality indicator.

*lraScore*

An individual country’s score on the Land Rights and Access indicator.

*empOpportunityScore*

An individual country’s score on the Employment Opportunity indicator.

*tradeScore*

An individual country’s score on the Trade Policy indicator.

*inflScore*

An individual country’s score on the Inflation indicator.

*fisPolScore*

An individual country’s score on the Fiscal Policy indicator.

*accessCreditScore*

An individual country’s score on the Access to Credit indicator.

*genderEconScore*

An individual country’s score on the Gender in the Economy indicator.

*girlsPriScore*

An individual country’s score on the Girls’ Primary Education Completion Rate indicator.

**HISP Indicators**

The file hispindicatorsfy23-ptm-PTM.csv combines the final scores from the individual indicator files into a single file for the current year for countries in the lower income scorecard pool. Observations are uniquely identified by the [countryName] variable.

*countryName*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*healthScore*

An individual country’s score on the Health Expenditures indicator.

*polRigScore*

An individual country’s score on the Political Rights indicator.

*civLibScore*

An individual country’s score on the Civil Liberties indicator.

*conCorScore*

An individual country’s score on the Control of Corruption indicator.

*govtEffScore*

An individual country’s score on the Government Effectiveness indicator.

*ruleLawScore*

An individual country’s score on the Rule of Law indicator.

*freedomInfoScore*

An individual country’s score on the Freedom of Information indicator.

*immunScore*

An individual country’s score on the Immunization Rates indicator.

*educExpScore*

An individual country’s score on the Primary Education Expenditures indicator.

*chScore*

An individual country’s score on the Child Health indicator.

*nrmScore*

An individual country’s score on the Natural Resource Protection indicator.

*regQualityScore*

An individual country’s score on the Regulatory Quality indicator.

*lraScore*

An individual country’s score on the Land Rights and Access indicator.

*empOpportunityScore*

An individual country’s score on the Employment Opportunity indicator.

*tradeScore*

An individual country’s score on the Trade Policy indicator.

*inflScore*

An individual country’s score on the Inflation indicator.

*fisPolScore*

An individual country’s score on the Fiscal Policy indicator.

*accessCreditScore*

An individual country’s score on the Access to Credit indicator.

*genderEconScore*

An individual country’s score on the Gender in the Economy indicator.

*girlsSecScore*

An individual country’s score on the Girls’ Secondary Education Enrollment Rate indicator.

**Selection Indicators Long Data**

The file selectionindicatorsfy23-ptm-PTM.csv includes country scores for all indicators, as well as the historic data used to create the charts on the scorecards. Note that, due to historical revisions of the data, historic data points do not correspond to country scores on previous scorecards. Observations are uniquely identified by the [countryName], [indicatorName], and [dataYear] variables.

*countryName*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*indicatorName*

The name of a given indicator.

*dataYear*

The year from which the data originates. Note that this is not the same as the fiscal year. See the notes on the years for each indicator in this document for information on which listed years correspond to which fiscal years.

*dataValue*

This is the actual underlying data value for a given indicator, country and year. Note that, due to historical data revisions, data earlier than the current year may not correspond to data on previous years scorecards.

*displayValue*

This is the value displayed on the scorecard. This rounds the [dataValue] to a manageable number to present on the scorecard.

*dataPR*

The percentile of the [dataValue] for the given income group. Refer to the Guide to the Indicators for an explanation of how MCC calculates percentiles from scores.

*dataSE*

The standard error for a given data point. This is only included for those indicators with standard errors.

**Time Series**

The timeseriesfy23-ptm-PTM.csv file includes data points for every indicator and sub-indicator on the scorecard for every country. Note that, due to historical revisions of the data, historic data points do not correspond to country scores on previous scorecards. Observations are uniquely identified by the [country Name] and [year] variables.

*country Name*

The country variable for this file. These country names are formatted as they are on the country scorecards.

*year*

The year from which the data originates. Note that this is not the same as the fiscal year. See the notes on the years for each indicator in this document for information on which listed years correspond to which fiscal years.

*trade Policy*

An individual country’s score on the Trade Policy indicator.

*access to Credit*

An individual country’s score on the Access to Credit indicator.

*employment Opportunity Data*

An individual country’s score on the Employment Opportunity indicator.

*child Health*

An individual country’s score on the Child Health indicator.

*civil Liberties*

An individual country’s score on the Civil Liberties indicator.

*control of Corruption*

An individual country’s score on the Control of Corruption indicator.

*education Expenditure (UNESCO)*

An individual country’s score on the Primary Education Expenditure indicator.

*fiscal Policy (Actual year)*

This is the fiscal policy data from the most recent year not listed as an estimate.

*fiscal Policy (Three year average)*

An individual country’s score on the Fiscal Policy indicator.

*freedom of Press(RSF)*

This is the original RSF data. Note that values have been imputed for countries without RSF data. The exact method for imputation is described in MCC’s Guide to the Indicators. This is used in the calculation of the Freedom of Information indicator.

*freedom of Internet*

This is the original Internet Shutdowns Data, a count of all of the categories of key internet controls. See MCC’s Guide to the Indicators for more information. This is used in the calculation of the Freedom of Information indicator.

*right to Information*

This is the calculated Right to Information data. Note that MCC only uses whether a country has a Right to Information Law in computing its score, not the score for that law. This is used in the calculation of the Freedom of Information indicator.

*freedom of Information*

An individual country’s score on the Freedom of Information indicator.

*gender in the Economy WBL Original Data*

A country’s score on the WBL portion of the Gender in the Economy indicator.

*gender in the Economy World Original Data*

A country’s score on the WORLD Policy Analysis Center portion of the Gender in the Economy indicator.

*gender in the Economy*

An individual country’s score on the Gender in the Economy indicator.

*girls’ Primary Education Completion Rates*

An individual country’s score on the Girl’s Primary Education Completion Rate indicator (LISPs only).

*girls' Secondary Education Enrollment Rates*

An individual country’s score on the Girl’s Secondary Enrollment Rates indicator (HISPs only).

*government Effectiveness*

An individual country’s score on the Government Effectiveness indicator.

*health Expenditures*

An individual country’s score on the Health Expenditures indicator.

*dpT3 Immunization Rates*

This is the raw data from the WHO/UNICEF DPT3 coverage rates or “Third dose of diphtheria toxoid, tetanus toxoid and pertussis vaccine.” This is used in the calculation of the Immunization Rates Indicator.

*mcV Immunization Rates*

This is the raw data from the WHO/UNICEF MCV1 coverage rates or “Measles-containing vaccine.” This is used in the calculation of the Immunization Rates Indicator.

*immunization Rates*

An individual country’s score on the Immunization Rates indicator.

*inflation*

An individual country’s score on the Inflation indicator.

*ifaD Rural Land Assessment*

The raw Access to Land data from IFAD (note that the year of these data has been shifted forward 2 years to match the Doing Business data, so 2018 IFAD matches 2020 V-Dem). This is used in the calculation of the Land Rights and Access indicator.

*land Rights and Access*

An individual country’s score on the Land Rights and Access indicator.

*natural Resource Protection*

An individual country’s score on the Natural Resource Protection indicator.

*political Rights*

An individual country’s score on the Political Rights indicator.

*regulatory Quality*

An individual country’s score on the Regulatory Quality indicator.

*rule of Law*

An individual country’s score on the Rule of Law indicator.