

WORLD COOPERATIVE MONITOR

REPORT 2022 METHODOLOGY AND DATA SOURCES

The methodology for the World Cooperative Monitor is briefly described below. A summary of the population under study, data collection, rankings, and methodological issues is provided.

The World Cooperative Monitor project intends to pursue three goals:

- provide visibility to the movement by monitoring and demonstrating the impact of large cooperatives, from both an economic and a social perspective;
- maintain an up-to-date database on large cooperatives containing economic and employee data;
- respond to the knowledge needs of large cooperatives, providing both ad-hoc quantitative and qualitative research on aspects of their interest.

Who is surveyed

The project collects data on large cooperative enterprises and aggregations of cooperatives, mutual, and non-cooperative enterprises in which cooperatives have a controlling interest.

Cooperative enterprises are legal entities that, according to national law, are recognized as cooperatives¹. Data collected refer to the legal entity.

Cooperative groups are associations of enterprises controlled (50% plus one of the voting rights) by one (or more) cooperatives and having a consolidated financial report. The group constitutes an economic entity which is empowered to make choices, particularly concerning the units which it comprises. Data collected refer to all the enterprises that make up the group. Economic consolidated data are considered. Other types of aggregations of cooperatives that do not meet the definition of the group will be evaluated case by case².

Mutual enterprises and **non-cooperative companies** controlled by cooperatives are covered by the project, but they are identified separately from cooperatives.

¹ In the event that the cooperative legal form is not provided for by law, cooperatives will be identified by analyzing other legal forms that meet the four operating criteria specified in the ILO Guidelines (International Labour Organisation, 2018).

² The organisation types to be surveyed are currently under revision by the World Cooperative Monitor team and Advisory Committee to better compare organisations across countries, sectors, and types. The difficulty lies in the fact that finding a definition that is shared by different countries is complicated. There are different regulations and laws between one country and another in this regard and finding a way to define all organisations through a unique classification, which can at the same time take into account and enhance the peculiarities of the different systems is complicated and challenging. Moreover, cooperatives that enter the top 300 classification of the WCM, given their size, are real giants from an economic point of view and therefore their structure is in most cases complex and branched. On this point a continuous exercise of refinement over the years, is leading to a continuous improvement of the data collected.

Non-cooperative companies controlled by cooperatives are companies directly or indirectly controlled by one (or more) cooperative(s), meaning that one (or more) cooperative(s) directly (or indirectly through other subsidiaries) controls, through the possession of 50% plus one of the voting rights, the non-cooperative company.

The project focuses on units that carry out economic activity for the production of goods or services for their members. Cooperative unions and federations that mainly carry out lobbying, representation, and protection of the interests of associated cooperatives are not covered by the project.

Classifications

The project classifies the cooperative organisations by economic activity and cooperative type (International Labour Organisation, 2018). Information on the economic activity or industrial sector of each organisation is collected and classified into ten categories (Table 1), each of which mainly reflects the structure of ICA sectoral organisations. The classification into the ten categories is determined by the International Standard Industrial Classification of All Economic Activities (ISIC) or regional and national equivalents class, in which the activity of the cooperative is included. If a cooperative combines two or more economic activities, the main economic activity is identified following international methods and standards.³

In the sector rankings, some economic activities are combined to form more general sectors, as described in the rankings paragraph.

Table 1. Economic activity classification

Economic activity	ISIC rev. 4
Agriculture including forestry and food industries under control of producers	Section A (excluding division 03)
Fishing	Division 03
Industry	Sections B, C, F
Utilities	Sections D, E
Wholesale and retail trade	Section G
Financial service	Division 64
Insurance	Division 65
Education, health and social work	Sections P, Q
Housing	Section L
Other services	All the other service activities not previously mentioned.

³"The principal activity of the unit in general can usually be determined from the goods that it sells or ships or the services that it renders to other units or consumers. [...] Ideally, the principal activity of the unit should be determined with reference to the value added to the goods and services produced. The relevant valuation concept is gross value added at basic prices, defined as the difference between output at basic prices and intermediate consumption at purchaser's prices." (UN 2008, p. 20).

Units are also classified based on the main interest of their members (Table 2). In the cases of cooperatives with members' interest different from those proposed in Table 2, they will be analysed case by case. Mutuals and non-cooperative enterprises are classified as such.

Table 2. Cooperative type classification

Producer cooperatives	The main interest of the members is related to their production activity as enterprises in their own right. The members typically comprise household market enterprises such as small agricultural or craft producers but may also include corporations.
Worker cooperatives	Members share an interest in the work which is provided by or ensured through the cooperative. The members are individual workers (worker-members) whose jobs are directly assured through their cooperative.
Consumer/User coops	Members are the consumers or users of the goods or services made available by or through the cooperative. Financial service cooperatives are classified as part of consumer/user cooperatives even if these cooperatives also service producers.
Multi-stakeholder coops	A cooperative which has more than one type of member with significant involvement in the activity of the cooperative and in which: (i) more than one type of member is represented in the governance structure of the cooperative; and (ii) no type of member has a dominant position through a majority of votes in the governing body or an exclusive veto over decisions.

Source: (International Labour Organisation, 2018)

Indicators

The project collects primarily economic data, along with data, where possible, on work generated, calculated using the total head count at the balance sheet year-end date, but also taking into account the data of Full-time equivalents or average data of the employed for the year in case data on head count are not available.

Annual turnover data is collected for the all the entities (Table 3).

Table 3. Definition of turnover by sector of activity

	Turnover definition
Non-financial sectors	The income generated by the business activities conducted by a company, usually the sale of goods and services to customers
Insurance	Premium income, defined as revenue received as insurance premiums paid by customers
Banking	The sum of interest income, non-interest income (income from banking services and sources other than interest-bearing assets) and premium income (if the organisation also provides insurance services)

In the case of a cooperative group, the consolidated data is taken into account. If the consolidated data is not available, if possible the turnover of the entities that make up the group are considered, excluding the amount of value resulting from operations within the group, meaning operations among members of the group.

The present report refers to data from the year 2020. For all the economic data, the account closing date is 31 March, which means that data for accounts with closing dates between 01/04/2020 and 31/03/2021 is considered as representing economic activity in year 2020.

Data is collected in the local currency and then converted into USD. The average monthly 2020 exchange rate was utilized. Note that the conversion to USD from Local currency unit (LCU) is impacted by the fluctuations from year to year. Economic data is reported in billion (1 billion = 1,000,000,000). The absolute values are rounded to the second decimal place and percentages are rounded to the nearest whole number.

Table 4: USD/LCU exchange rates

ISO Code	USD/LCU
ARS	70.53917
AUD	1.453085
BRL	5.155179
CAD	1.341153
CHF	0.938965
COP	3694.854
CRC	584.9009
DNK	6.542152
EUR	0.875506
GBP	0.78
INR	74.09957

JPY	106.7746
KES	106.4508
KRW	1180.266
MXN	21.48561
MYR	4.203482
NOK	9.415833
NZD	1.542058
PLN	3.899742
RUS	72.10491
SAR	3.75
SGD	1.379742
SEK	9.210309
TRY	7.008605

Rankings

In the rankings tables, in addition to the Top 300 rankings, a list of the largest cooperatives in each individual sector is presented. The rankings presented are based on turnover data, defined as the income generated by the business activities conducted by a company, usually the sales of goods and services to customers. In the case of the Insurance sector, this is premium income. For the Financial Service sector, this is the sum of net interest income, net premiums and other operating income, such as deposit and payment service charges, lending fees and credit card service revenues, income from brokerage and investment fund services, management and custodial service fees, foreign exchange income as well as other income. However, this value was used solely for the Financial Service ranking. In the Top 300 ranking, to achieve a more homogeneous comparison, the sum of interest income, non-interest income (income from banking services and sources other than interest-bearing assets) and premium income (if the organisation also provides insurance services) was utilized for financial service organisations. This methodology creates the most homogeneity possible among data sources but note that there could be variations among countries and existing rankings regarding calculations and values used. When available, the number of employees is also listed.

In addition to rankings based on turnover, a Top 300 ranking based on the ratio of turnover over gross domestic product (GDP) per capita is also presented. The purpose of this ranking is to neutralize the differences between the different countries due to differences in purchasing power and therefore the different cost of living that differentiates the individual countries: this allows a greater comparison of turnover.

Some of the economic activities described above are grouped into sectors for the sector rankings: fishing is included in the agriculture and food industries sector, industry and utilities are grouped together, as are housing and other services.

Data sources

Data is collected through online research and consultation of financial statements and annual reports integrated with datasets developed at the national/regional level by representative associations of cooperatives and mutual societies and other private databases that gather personal and economic data about cooperative organisations from across the world. A questionnaire directed at the largest cooperatives was also utilized.

Also, with regard to the employment data, the working group has used various sources, online research, the questionnaire completed by the organisation, data collected from lists at the national level and data collected in databases.

The direct involvement of federations and cooperatives is essential to ensuring good coverage in different areas of the world. For this reason, ICA promotes the creation of national monitors which, following the methodology of the international project, collect data on the largest cooperatives active in the country.

FIGURE 1. ECONOMIC DATA SOURCES 2022 WORLD COOPERATIVE MONITOR DATABASE

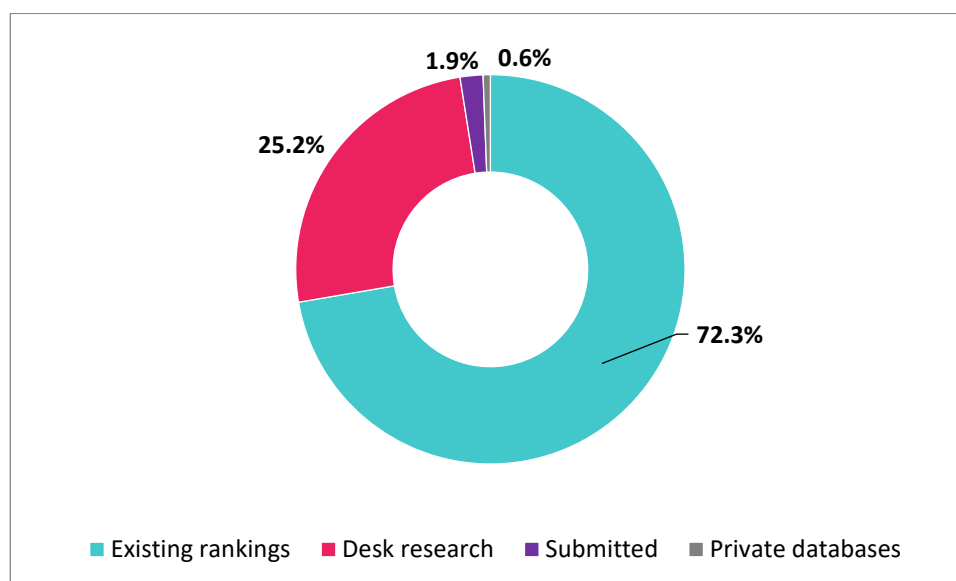


Table 5. RANKINGS, PUBLISHED LISTS, AND DATA SETS COLLECTED OR CONSULTED – 2022

Country	Name of the organisation	Name of the publication or ranking accessed where existing
Australia	Centre for Entrepreneurial Management and Innovation (CEMI)	Mazzarol, T. (2021). "Australia's Leading Co-operative and Mutual Enterprises in 2021: CEMI Discussion Paper Series", DP 2101, Centre for Entrepreneurial Management and Innovation
Australia	The Business Council of Co-operatives and Mutuals (BCCM)	2021 National Mutual Economy Report. Incorporating the Top 100
Belgium	CERA/KU Leuven	Staessens, M., Dufays, F., & Billiet, A. (2021). Belgian Cooperative Monitor 2021. Cera: Leuven. Gegevens ophalen Integreren
Brazil	Organização das Cooperativas do Brasil (OCB)	2020 OCB database
Colombia	Confecoop - Confederación de Cooperativas de Colombia (COLCoop)	2020 Confecoop database
Denmark	Kooperationen	2020 Kooperationen database
Finland	Pellervo Society (Pellervo)	Finnish 300+ 2019-2020
France	Coop de France (CoopFR)	Les 100 plus grandes entreprises coopératives françaises - édition 2022
Italy	Aida - Bureau Van-Dijk database (Aida)	2020 Aida database
Japan	Japanese Consumers' Co-operative Union (JCCU)	2020-2021 JCCU database
Netherlands	Nationale Raad voor de Coöperatie (NCR)	Nederlandse Coöperatie Top 100 (2019)
New Zealand	Cooperative Business New Zealand (NZ.Coop)	Top 30 by revenue in 2020
Portugal	Cases - As cem Maiores Cooperativas	Top 100 cooperatives - 2020
Spain	Cooperativas Agro-alimentarias de España	Cooperativas Agro-alimentarias de España - Informe 2021
Spain	Confederación Empresarial Española de la Economía Social (CEPES)	Las empresas más relevantes de la economía social 2019-2020
UK	Co-operatives UK (CoopUK)	Co-operative Economy 2021
USA	Callahan & Associates, Inc.	US Credit Unions with turnover above 100 million USD
USA	National Cooperative Bank (NCB)	NCB Coop 100 (2021)
USA	United States Department of Agriculture Rural Development (USDA)	Top 100 agricultural cooperatives in 2020