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ACRONYMS AND ABBREVIATIONS

%	Percentage
///	Unjustified sum
...	Data not available
ABS	Annual Business Survey
AIPO	African Intellectual Property Organisation
ANOR	Standards and Quality Agency
API	Investment Promotion Agency
APME	Small and Medium Sized Enterprises Promotion Agency
CAEMI	Analysis, Tests and Industrial Metrology Centre
CAPAM	Non-Industrial Mining Promotion Framework
CCIMA	Chamber of Commerce, Industry, Mines and Crafts
CEMAC	Economic and Monetary Community of Central African States
DAG	Department of General Affairs
DDQ	Division of Quality Development
DDTPI	Department of Technological Development and Industrial Property
DEPCO	Division of Studies, Projects and Cooperation
DG	Department of Geology
DI	Department of Industry
DM	Department of Mines
GBC	General Business Census
MAGZI	Industrial Zones Development and Management Authority
MINMIDT	Ministry of Mines, Industry and Technological Development
NIS	National Institute of Statistics
NOIFZ	National Office Industrial Free Zone
PRECASEM	Mining Sector Capacity Building Project
SFD	Statistical and Fiscal Declaration
SNI	National Investment Corporation
SNPPK	National Permanent Secretariat of the Kimberley Process
UNIDO	United Nations Industrial Development Organisation
WB	World Bank

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FOREWORD

In a bid to accompany Cameroon towards its emergence by 2035, the National Statistical Information System (NSIS) developed a new strategy, the General Data Dissemination System (GDDS). This document is rooted in the National Strategy for the Development of Statistics (NSDS), which is the reference framework for government action to promote statistical issues.

To align with the new approach, MINMIDT signed a partnership agreement with the National Institute of Statistics (NIS) on 13 May 2019. This structure is legally responsible for producing statistics, has, since then, been accompanying my ministerial department. This collaboration has enabled to set up an efficient statistical information system. With this support, the 2021 edition has been made available. This document enables MINMIDT, which has the difficult task of making Cameroon "A Newly Industrialized Country" and improving the contribution of the mining sector to the GDP through the development of its enormous mining potential, to guarantee an effective monitoring and evaluation of the public policies it implements to this end.

As statistics are therefore an essential decision-making tool for decision-makers, this document provides a statistical summary of the mining, industry and technological development sub-sector. It includes, among others, statistics on: (i) mineral and geological resources, (ii) diversification and competitiveness of industrial sectors, (iii) the development of inventions and technological innovations, and (iv) the contribution of the mining sub-sector.

The 2021 edition of the statistical yearbook is an updated version that takes into account the contribution of all central and devolved services as well as the collaboration of structures under MINMIDT's supervision. I wish to seize this opportunity to thank all the stakeholders who contributed to the production of this edition, which is presented in the form of tables, graphs and statistical indicators of the sector.

I hope all our readers will find this a resourceful material.

Mr DODO NDOKE Gabriel
Minister of Mines, Industry and Technological Development

CHAPTER I
PRESENTATION OF THE STATISTICAL
YEARBOOK AND METHODOLOGY

1.1. Ministry of Mines, Industry and Technological Development

Thanks to Decree No. 2012/242 of October 1, 2012, the intervention of the Ministry of Mines, Industry and Technological Development in the economy in general and in the industry and services sector is clearly identified. It is thus responsible for the development and implementation of Government's mining and industrial policy and technological development strategies in the various sectors of the national economy. As such, it is responsible for:

✓ **In the area of mining:**

- development of mining cartography;
- geological prospecting and mining activities;
- development of mineral, oil and gas resources;
- management of natural mineral and gas resources;
- monitoring of the upstream oil sector.

✓ **In the area of industry:**

- promotion of local industry;
- development of industrial zones;
- promotion of private investment;
- development and implementation of the country's industrialization plan;
- preparation, dissemination and monitoring of the implementation of the instruments provided for in the Investment Charter;
- local processing of mining, agricultural and forestry products, in conjunction with the Ministry of Agriculture and Rural Development, Ministry of Forestry and Wildlife and the Administrations concerned;
- monitoring the activities of the National Office for Industrial Free Zones and the Industrial Zones Development and Management Authority;
- monitoring standards and quality, in conjunction with the Administrations concerned.

✓ **In the area of technologies**

- technological development, in conjunction with the Ministry of Scientific Research and Innovation;
- industrial technology monitoring, in collaboration with the administrations concerned.

1.2 Some Mining Statistics

In 2020, Cameroon had 5 mineral reserves which have been exploited since at least 5 years. As part of the promotion and control of mining research activity, since 2015, some 238 exploration permits have been issued, of which 151 have been monitored (checked).

Exploration permits issued relate mostly to gold and related substances as well as iron and related substances. In 2021, a total of 16 exploration licences have been issued, out of which 10 are for gold and related substances. In 2021, gold production was approximately 352.11 kg, with a 50% increase in production compared to 2020, possibly due to the resumption of post-Covid activities.

With regard to quarrying projects, the issuance of reconnaissance permits for quarrying substances in Cameroon has decreased considerably since 2018, from 33 permits issued in 2018 to 6 in 2020. The issuance of semi-mechanised mining permits has not yet started despite the enactment of the new law on the mining code. Furthermore, over the period 2018 to 2020, the number of quarries decreased. It dropped from 434 in 2018 to 377 in 2020.

In terms of production of quarry substances, in 2020, the minimum industrial production of laterite, pozzolan, clay and sand was approximately 1,340,999 m³, compared to 98,257 m³ for semi-mechanised production and 479,016 m³ for non-industrial production.

1.3 Some Industry Statistics

Agro-industries experienced positive growth over the period from 2019 to 2021, rising from 2.6% in 2020 to 5% in 2021, with growth mainly driven by the beverage industry (3.5% in 2020 and 11.4% in 2021), the meat and fish industry (4.0% in 2020 and 1.7% in 2021) and the cereal-based industry (4.8% in 2020 and 6% in 2021).

Agri-food industries have experienced positive growth, rising from 2.5% in 2020 to 5.0% in 2021.

This evolution is mainly supported by the dynamism observed in the "beverage industries" (4.9% after -3.8%), the "wood industries except manufacture of furniture" (10.6% after -0.1%), the "manufacture of basic metal products" (7.5% after -4.1% and the "textile and clothing industries" (11.6% after 4.8%). On the other hand, the branches that contributed to slowing down the overall evolution are notably the "cocoa, coffee, tea and sugar industries" (-2.4% after 4.9%), the "chemical industries and manufacture of chemical products" (-1.1% after 9.8%) and the "meat and fish industries" (4.3% after 5.9%). The contribution of manufacturing industries to GDP growth in the secondary sector increases from 0.7 points to 1.2 points.

In 2019, the UNIDO Industrial Competitiveness Index ranks Cameroon 123rd (out of 152 countries), against 121st position in 2018. Cameroon's industrial competitiveness has thus regressed compared to the rest of the world.

In 2021, concerning support for industrial production activities, 1,399 ha of industrial land is available for industrial activities.

Within the framework of protecting and securing the industrial fabric, in 2019 and 2020, 4788 and 5 658 classified establishments, were respectively counted. This means 229 and 451 first-class establishments respectively. Furthermore, over the period 2015 to 2019, at least 75% of the establishments in the different regions were inspected, except for the South-West and North-West Regions where the coverage rates are lower. As concerns second class establishments, there were generally no inspection visits in 2020.

1.4 Some Statistics on Technological Development

In terms of technology promotion, work on setting up technology parks is continuing, in particular with the Ouassa-Babouté agro-industrial technology park since 2015 and the digital technology park since 2018.

Two (2) Geographical Indications have been developed to date. These are: white pepper from Penja and white honey from Oku. Other products are in the process of being protected, notably Cameroon red cocoa.

493 industrial property assets were protected in 2021, including 255 trademarks and 171 trade names.

1.5 Contribution to the Economy

In 2021, growth in the secondary sector stood at 3.1% after 2.3% in 2020 despite the challenging economic context. The share of manufacturing exports in total exports is increasing from 0.24% in 2020 to 0.27% in 2021.

In terms of employment in the industrial and mining sector, according to the second business census, the extractive and manufacturing industries generated 109 976 jobs in Cameroon in 2016, of which 39.6% were women. In the formal sector in particular, the number of workers has been increasing since 2015, rising from 87 033 to 94 786 in 2017.

1.6 Summary of the Methodology

This section on the methodology note describes the stages of development, from the design of the data collection tools to the production of the directory. In particular, it discusses the following stages: (1) preparatory work; (2) data collection; (3) data processing and (4) production and validation of the yearbook.

1.6.1 Preparatory Work

The preparatory work consisted in developing and validating data collection tools, using a participatory approach which involved the various MINMIDT structures in order to identify the needs for statistical information.

The data collection sheets were designed on the basis of the various indicators from the logical performance framework of MINMIDT's ministerial programmes and validated by all stakeholders.

For most of the tables, the indicators were disaggregated in accordance with the disaggregation variables identified during the needs identification phase.

1.6.2 Data Collection

Administrative data sources are the main sources of information used to produce this Yearbook. As a matter of fact, data were mainly collected from the devolved services, the central and attached services of MINMIDT as well as other administrations (NIS, MINFOF, MINADER, etc.), identified as secondary sources of information. Administrative data was collected at the Divisional level, then consolidated and completed at the level of the Regional Delegations. This was intended to have a single data file for the Region.

Data from the National Institute of Statistics (NIS) are mainly from the national accounts with 2016 as the base year. (See Box 1)

Boxed text 1

National Accounts

National accounts are a comprehensive, coherent and flexible set of macroeconomic accounts aimed at providing a complete and consistent numerical representation of the national economy. They provide indicators in volume and value terms to assess the performance of a country's economy over time. They constitute, therefore an essential component of the National Statistical Information System.

They are compiled on the basis of a reference year, the so-called base year, which represents the base year for macroeconomic structures and aggregates. However, as one moves away from the base year, the structure of the economy changes and as a result the quality of the national accounts deteriorates.

The need to update the base year (relining) of Cameroon's national accounts is mainly justified by structural changes in the economy, notably changes in product prices, the appearance of new products or new activities, the densification of certain branches of activity with the entry of new operators. These structural changes need to be integrated into the national accounts, on the one hand, for better assessment of national wealth and, on the other hand, for better consideration in general of macroeconomic and budgetary forecasting models, as well as in economic policy impact simulation models.

Cameroon has thus changed the base year for compiling its national accounts (in accordance with the recommendations of the National Accounts System adopted by the United Nations) from 2005 to 2016 in order to make better use of the results of new data, in particular the second General Business Census (GBC-2) of 2016, the fourth Cameroon Household Survey (ECAM 4), etc.

1.6.3 Data Processing

The use of the data consisted firstly in reconciling and ensuring data consistency. Then the various tables were produced and compiled.

Some tables were transformed into graphs to ease reading, especially when the information was only available in aggregate at national level for each year.

1.6.4 Development, Validation and Dissemination of the Yearbook

The use of the yearbook model, the compilation of tables and graphs resulting from the use of the data enabled to produce the draft yearbook, which also includes: acronyms, abbreviations and conventional signs, lists of tables and graphs, the Minister's Foreword and the first part which analyses some key indicators, the methodology synthesis and the usefulness of the statistical yearbook of the mining, industry and technological development sector. The document ends with the definition of some key concepts of the sector and the presentation of some contacts for any further information.

Concerning the dissemination phase, the physical version is made available to the various users through the Division for Studies, Planning and Cooperation of MINMIDT. The electronic version is also available to users through the MINMIDT website.

1.7 Challenges Encountered

The difficulties inherent in compiling this important document mainly concern the unavailability of certain data over the desired period and, for certain regions, the low capacity of the system for reporting statistical information of the mining, industry and technological development sector from the grassroots to the central level.

The devolved services of MINMIDT were not able to provide all the information concerning the identified indicators and according to the desired level of disaggregation.

The security crisis in the North-West and South-West Regions did not allow teams to be deployed in these Regions. This means that only partial data was available for these Regions. Some information is simply not available and is marked as such in this document in view of its importance for the information system put in place.

One of the main difficulties encountered while compiling this yearbook is the lack of statistical data in the field of industry. This is due, on the one hand, to the absence of a directory of industrial companies and, on the other hand, to the inadequate resources allocated for an industrial survey.

This is therefore an opportunity to call on all MINMIDT staff and officials to join the drive for setting up an efficient data collection, centralisation, processing and analysis system.

1.8 Usefulness and Use of the Statistical Yearbook

The Statistical Yearbook is the central document of any statistical system. It summarises all the statistics produced by the system and presents them in an intelligent and user-friendly way.

This important decision-making tool provides information on the mining, industry and technological development sub-sector. In particular, it enables the data collected to be used to understand mining, industrial and technological development activities and to guide the planning of related activities.

CHAPTER II
MINERAL AND GEOLOGICAL RESOURCES

2.1 Mineral Reserves and Mining Production

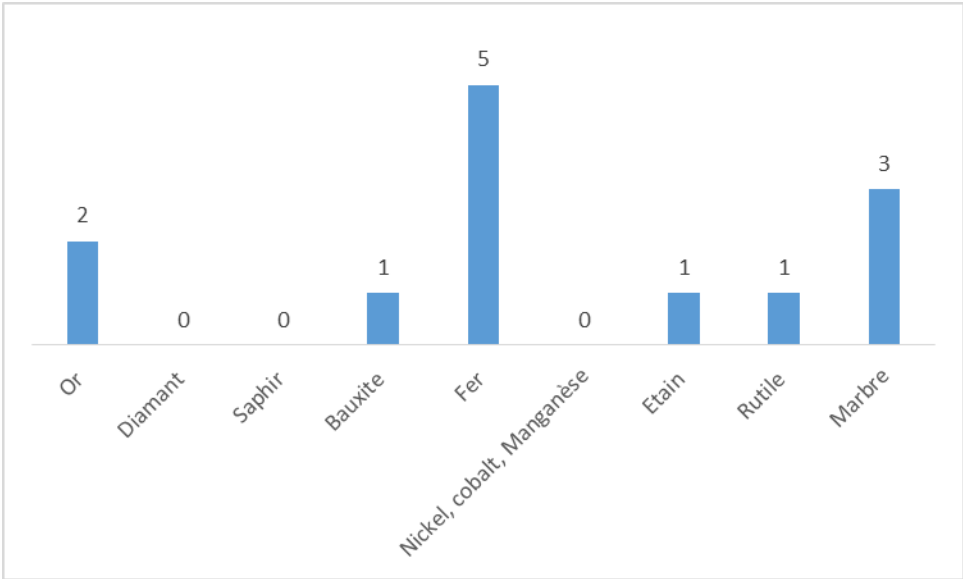
Table 1: Number of proven mineral reserves per type of mineral

Type of mineral	2017	2018	2019	2020	2021
Gold	0	0	0	0	2
Diamond	0	0	0	0	0
Sapphire	1	1	1	1	0
Bauxite	3	3	3	3	1
Iron	7	7	8	7	6
Nickel, cobalt, manganese	0	0	0	0	0
Tin	0	0	0	0	0
Rutile	1	1	1	1	0
Total*	12	12	13	12	9

* Partial data excluding data from East, Far North, West Regions *

Source: MINMIDT/Regional Delegations of MINMIDT

Graph 1: Number of mineral reserves in negotiation by type of ore in 2021

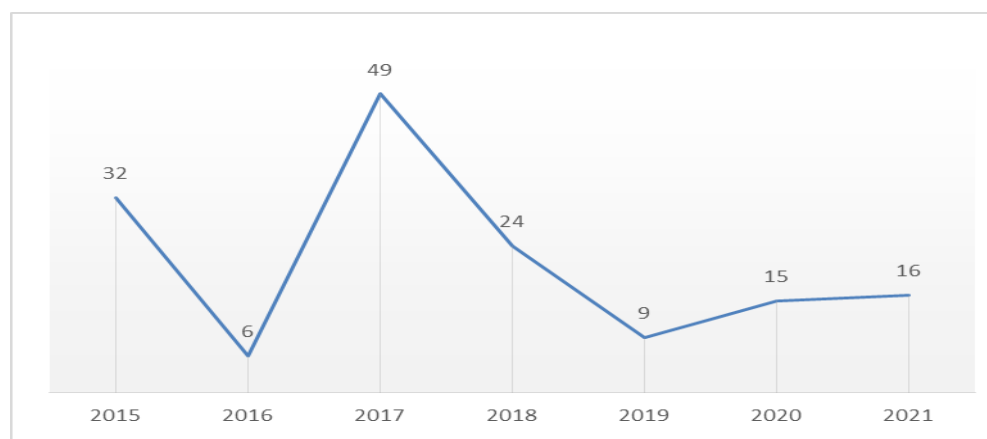


Source: MINMIDT/Department of Mines

Table 2: Number of exploration permits issued per year per type of mineral

Type of mineral	2015	2016	2017	2018	2019	2020	2021
Gold and related substances	34	6	55	8	2	19	10
Copper and related substances	...	...	...	...	...	...	01
Iron and related substances	9	0	10	1	1	7	0
Rutile and related substances	0	0	5	1	6	5	2
Diamond and related substances	1	0	0	0	0	0	0
Bauxite and related substances	0	1	1	3	0	5	0
Sapphire and related substances	3	0	0	0	0	0	0
Lead and related substances	1	0	0	0	0	0	0
Limestone and related substances	2	0	0	1	1	0	1
Marble	2	0	1	0	0	0	0
All ores	0	2	4	0	0	0	0
Nickel and related substances	0	0	4	0	1	0	1
Uranium	0	0	1	0		0	0
Cobalt and related substances	0	0	0	15	1	1	1
Tin and related substances	0	0	0	0	0	1	0

Source: MINMIDT/Department of Mines

Graph 1: Number of exploration permits issued and monitored (controlled) during the year

* Partial data not including data from the Centre, Littoral and North Regions

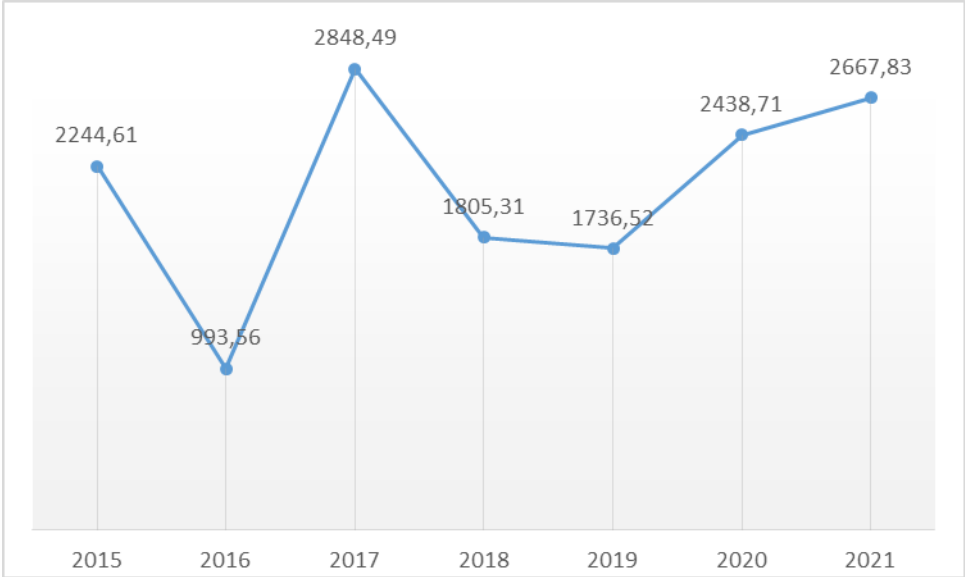
Source: MINMIDT/Regional Delegations

Table 3: Gold production in Cameroon (in Kg)

Year	2015	2016	2017	2018	2019	2020	2021
Production in Kg	801,18	542,15	679,59	431,69	376,5	233,2	352,11

Source: MINMIDT/EX-CAPAM

Graph 2: Quantity of diamonds traced per year in Cameroon (Carat)

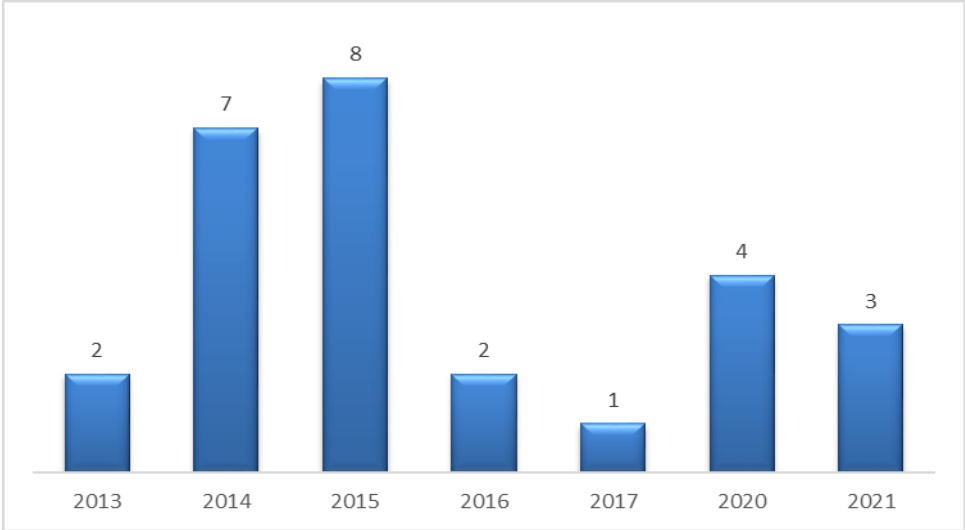


Source: SNPPK

2.2 Mining and Quarry Projects

2.2.1 Mining projects

Graph 3: Number of mineral water permits issued per year



Source: MINMIDT/DM

Table 4: Number of non-industrial mining licences issued by Region

Region	2015	2016	2017	2018	2019	2020
Adamawa (gold)	59	125	64	0	2	24
Central	0	0	0	0	0	0
East (gold)	361	387	31	26	17	58
Far North	0	0	0	0	0	0
Littoral	0	0	0	0	0	0
North (gold)	0	0	0	0	0	1
North West	0	0	0	0	0	0
West	0	0	0	0	0	0
South (gold)	11	35	5	2	3	9
South West	0	0	0	0	0	0
Total	431	547	100	28	22	92

Source: MINMIDT/Regional Delegations

Table 5: Number of collector's cards for non-industrial mining issued

Region	2015	2016	2017	2018	2019	2020
Adamawa	25	18	22	18	9	22
Central	0	0	14	19	2	7
East	71	35	30	30	46	33
Far North	0	0	0	0	0	0
Littoral	...	...	...	...	...	...
North	...	...	0	1	1	4
North West	0	2	3	0	0	0
West	0	0	0	0	0	0
South	3	...	4	...	4	5
South West	0	0	0	0	0	0
Total	///	///	///	///	///	///

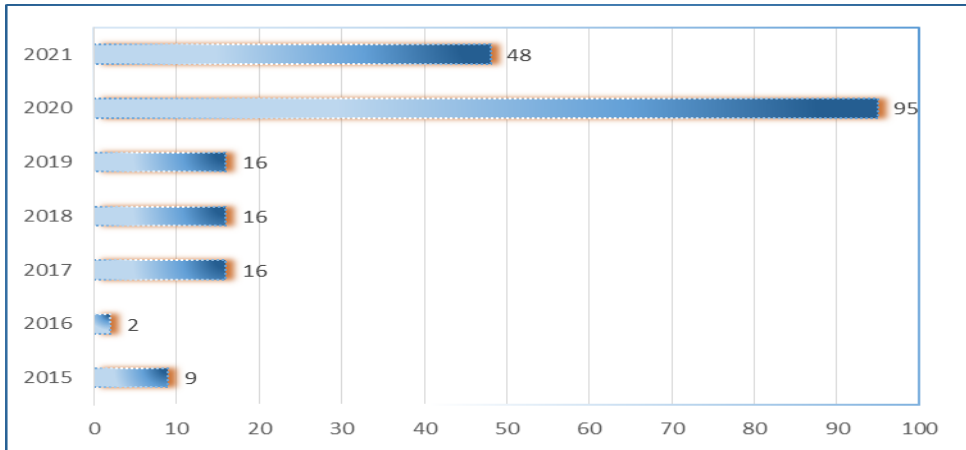
Source: MINMIDT/Regional Delegations

Table 6: Number of non-industrial miners' cards issued for minerals derived from non-industrial per year

Region	2015	2016	2017	2018	2019	2020
Adamawa	6	30	89	42	39	165
Central	0	0	0	0	0	0
East	...	...	44	12	67	41
Far North	...	...	33	45	41	13
Littoral	...	...	...	...	...	...
North	...	...	10	0	2	6
North West	0	0	0	0	0	0
West	0	0	0	0	0	0
South	15	13	...	22	49	30
South West	...	...	...	...	1	3

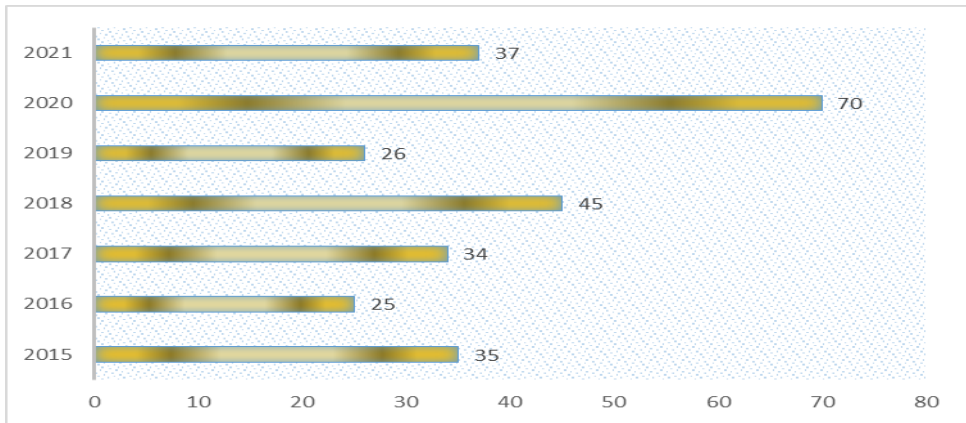
Source: MINMIDT/Regional Delegations

Graph 4: Number of export and transit permits for mineral substances issued



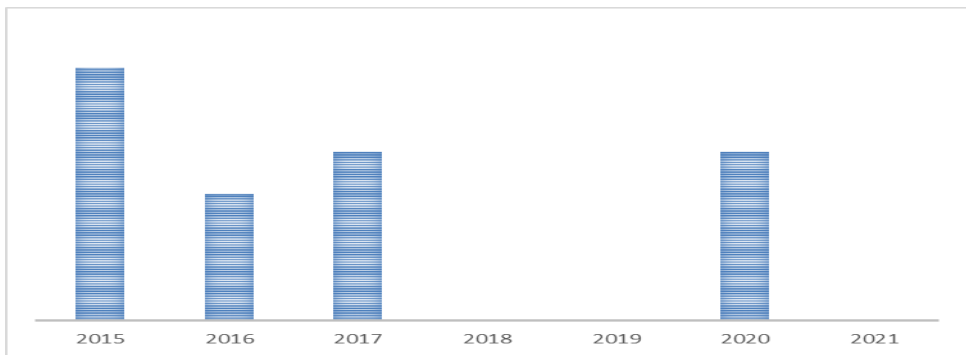
Source: MINMIDT/DM

Graph 5: Number of licences to open purchase and marketing offices for mineral substances derived from non-industrial mining issued



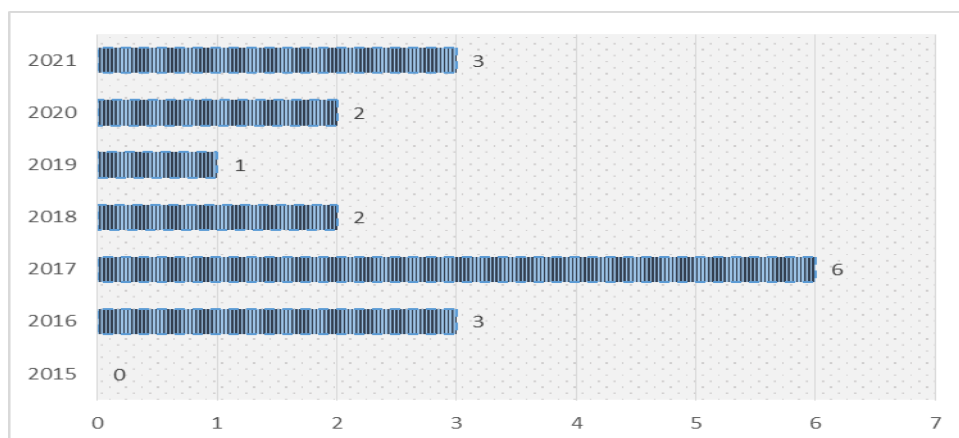
Source: MINMIDT/DM

Graph 6: Number of mineral water bottling and bagging permits issued



Source: MINMIDT/DM

Graph 7: Number of licences to open a gold smelter issued



Source: MINMIDT/DM

Graph 8: Amount of non-industrial gold production in Cameroon (in Kg)



Source: MINMIDT/DM

Table 7: Number of mining titles renewed during the year by type of mineral substance

Substances	2015	2016	2017	2018	2019	2020
Gold	8	0	12	2	0	4
Diamond	0	0	0	0	0	0
Sapphire	0	0	0	0	0	0
Bauxite	0	0	0	0	0	0
Iron	2	0	6	1	0	2
Nickel, cobalt, manganese	0	0	0	0	0	0
Tin	0	0	0	0	0	0
Rutile	1	0	0	0	0	0
limestone	0	0	0	0	0	0
Marble	2	0	1	0	0	0
Total	13	0	19	3	0	6

Source: MINMIDT/DM

2.2.2 Quarry Projects

Table 8: Number of reconnaissance permits by type of quarry substance

Region	2017	2018	2019	2020	2021
Soft materials (clays, pebbles, laterites, pozzolans, sands, etc.)	01	02	00	01	05
Hard materials (stones)	28	31	04	05	04
All	29	33	04	06	09

Source: MINMIDT/ DM

Table 9: Number of operating permits by type of quarry substance

Substance	2015	2016	2017	2018	2019	2020	2021
Soft materials (clays, pebbles, laterites, pozzolans, sands, etc.)	3	7	1	4	2	00	5
Hard materials (stones)	29	30	24	23	27	2017	4
All	32	37	25	27	29	17	9

Source: MINMIDT/ DM

Table 10: Number of semi-mechanised licences issued by type of quarry substance

Substance	2017	2018	2019	2020
Gravel	3	3	2	3
Laterite	6	6	5	13
Pozzolan	0	0	0	0
Clay	0	0	0	0
Sand	3	3	6	6
Basalt	0	0	0	0
Granite	1	0	6	0
Limestone	0	0	0	0
Total*	16	12	19	22

* Partial data not including data from the East Region for any type of substance, from the South and Littoral Region for sand in 2017, and from the South Region for basalt and granite in 2018

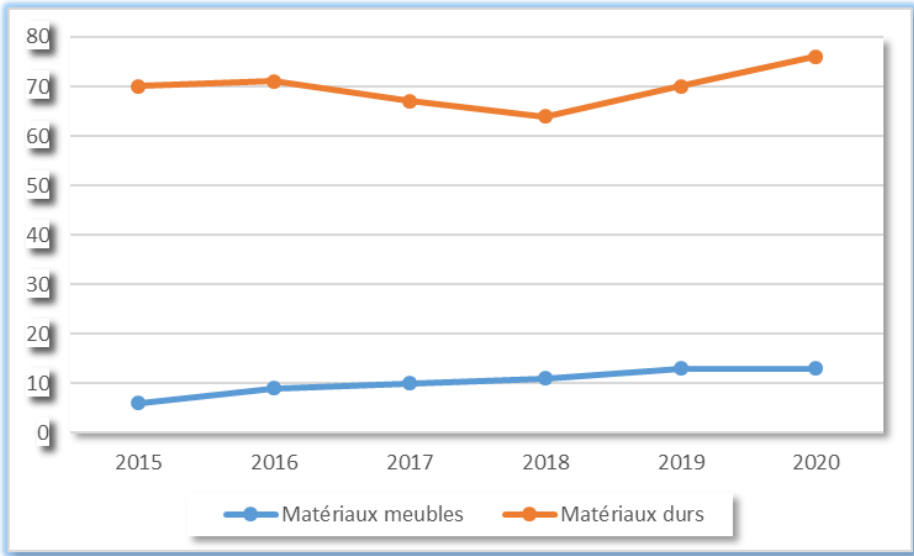
Source: MINMIDT/Regional Delegations

Table 11: Number of non-industrial quarrying permits by type of substance

	2018	2019	2020
Gravel	10	5	9
Laterite	16	12	11
Pozzolan	11	3	5
Clay	2	6	0
Sand	81	125	95
Basalt	0	8	1
Granite	0	0	9
Limestone	0	0	0
All	120	159	130

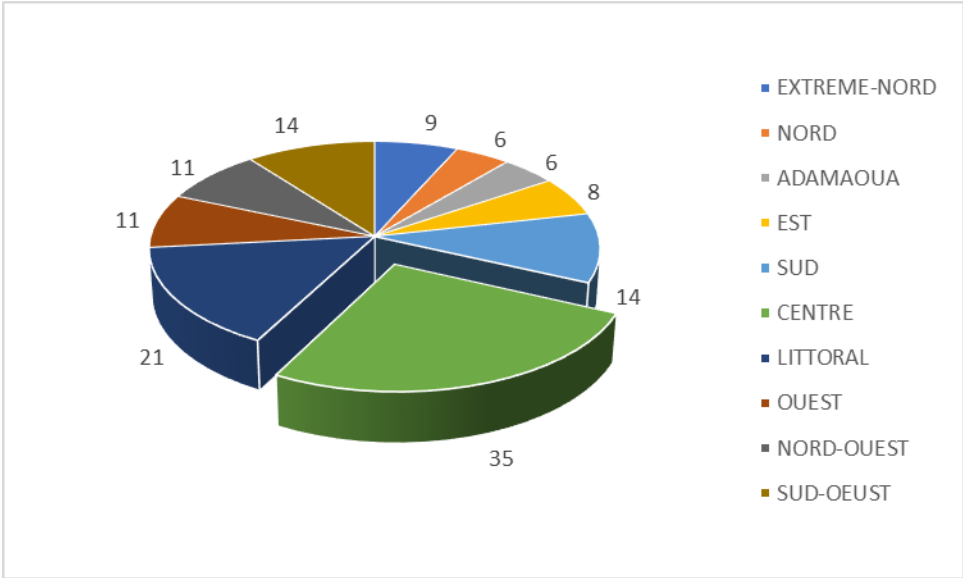
Source: MINMIDT/ DG, Regional Delegations

Graph 9: Evolution of the number of industrial quarries by type of material



Source: MINMIDT/ DM

Graph 10: Number of quarries per Region in 2021



Source: MINMIDT/ SDAM

Table 12: Number of industrial quarries by type of substance per Region

Regions / Type of substance	2015	2016	2017	2018	2019	2020	2021
Adamawa	2	1	1	4	3	3	6
Soft materials (clays, pebbles, laterites, pozzolans, sands, etc.)	0	0	0	1	1	1	ND
Hard materials (stones)	2	1	1	3	2	2	ND
Centre	25	20	17	17	19	23	35
Soft materials (clays, pebbles, laterites, pozzolans, sands, etc.)	0	0	0	1	1	1	ND
Hard materials (stones)	25	20	17	16	18	22	ND
East	3	2	2	2	2	6	8
Soft materials (clays, pebbles, laterites, pozzolans, sands, etc.)	0	0	0	0	0	0	ND
Hard materials (stones)	3	2	2	2	2	6	ND
Far North	2	2	2	4	3	4	9
Soft materials (clays, pebbles, laterites, pozzolans, sands, etc.)	0	0	0	0	0	0	ND
Hard materials (stones)	2	2	2	4	3	4	ND
Littoral	11	14	15	12	14	13	21
Soft materials (clays, pebbles, laterites, pozzolans, sands, etc.)	2	3	4	4	6	6	ND
Hard materials (stones)	9	11	11	8	8	7	ND
North	3	4	4	4	5	6	6
Soft materials (clays, pebbles, laterites, pozzolans, sands, etc.)	1	2	2	2	2	2	ND
Hard materials (stones)	2	2	2	2	3	4	ND
North West	7	7	7	8	10	10	11
Soft materials (clays, pebbles, laterites, pozzolans, sands, etc.)	0	0	0	0	0	0	ND
Hard materials (stones)	7	7	7	8	10	10	ND
West	3	3	3	5	6	5	11
Soft materials (clays, pebbles, laterites, pozzolans, sands, etc.)	0	0	0	0	0	0	ND
Hard materials (stones)	3	3	3	5	6	5	ND
South	9	9	8	8	10	10	14
Soft materials (clays, pebbles, laterites, pozzolans, sands, etc.)	0	0	0	0	0	0	ND
Hard materials (stones)	9	9	8	8	10	10	ND
South-West	11	18	18	11	11	9	14
Soft materials (clays, pebbles, laterites, pozzolans, sands, etc.)	3	4	4	3	3	3	ND
Hard materials (stones)	8	14	14	8	8	6	ND
Overall	76	80	77	75	83	89	135
Soft materials (clays, pebbles, laterites, pozzolans, sands, etc.)	6	9	10	11	13	13	ND
Hard materials (stones)	70	71	67	64	70	76	ND

NB : The data on the number of quarries has not been disaggregated into substance types and regions, but only into regions for 2021

Source: MINMIDT/DM

2.3 Controlling Mining and Geological Activities

Table 13: Number of samples of non-commercial value exported by type of mineral substance

Year	2019	2020	2021
bauxite	4638	1490	504
iron	1500	1100	287
nickel, cobalt, manganese	0	0	0
tin	0	0	0
rutile	0	1590	4002
Gold	2512	5505	3078
All	8650	9685	7871

Source: MINMIDT/DG

Table 14: Number of mining project monitoring reports signed

Year	2019	2020	2021
All	96	92	89

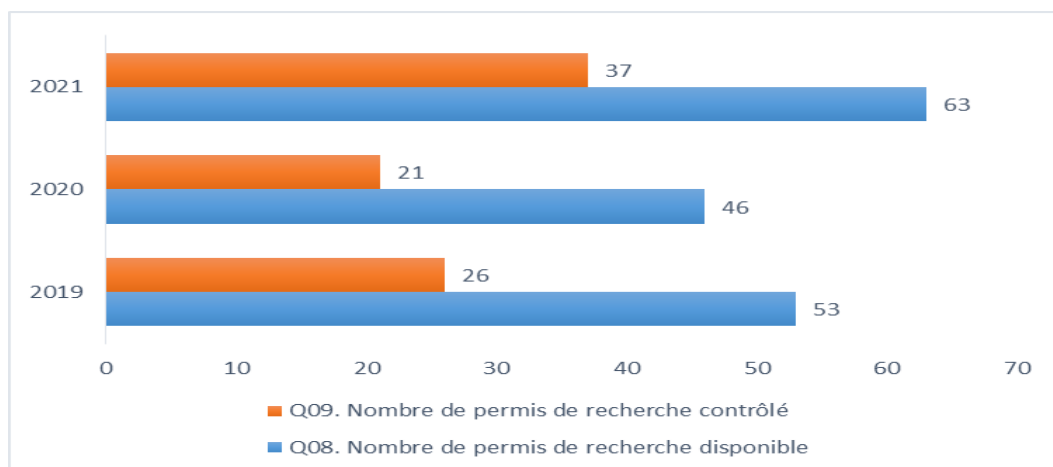
Source: MINMIDT/DG

Table 15: Percentage of mining projects with validated monitoring reports (%)

Year	2019	2020	2021
All	60	66	47

Source: MINMIDT/DG

Graph 11: Number of available and monitored research permits



Source: MINMIDT/DG

Table 16: Number of geological and mineral sites

Region	2016			2017			2018			2019			2020			2021			2022			Total number of sites															
	Total number of sites	Total number of secure sites	Number of geo-referenced risks	Total number of sites	Total number of secure sites	Number of geo-referenced risks	Total number of sites	Total number of secure sites	Number of geo-referenced risks	Total number of sites	Total number of secure sites	Number of geo-referenced risks	Total number of sites	Total number of secure sites	Number of geo-referenced risks	Total number of sites	Total number of secure sites	Number of geo-referenced risks	Total number of sites	Total number of sites Secured	Total number of geo-referenced risk sites																
																							1st Category of risk	2nd Category of risk	all	1st Category of risk	2nd Category of risk	all	1st Category of risk	2nd Category of risk	all	1st Category of risk	2nd Category of risk	all	1st Category of risk	2nd Category of risk	all
Adamawa	50	01	01	50	01	01	49	0	0	0	49	0	0	0	49	02	02	02	47	2	2	2	2	2	2	45											
Centre	45	0	0	45	02	02	43	07	07	07	36	03	03	03	33	02	02	02	37	2	2	2	2	2	35												
East	80	0	0	80	0	0	80	02	02	02	78	01	01	01	78	01	01	01	77	4	4	4	4	4	73												
Far North	30	0	0	30	0	0	30	0	0	0	30	0	0	0	30	0	0	0	30	0	0	0	0	0	30												
Littoral	90	02	02	88	0	0	88	0	0	0	88	05	05	05	88	01	01	01	87	0	0	0	0	0	86												
North	50	0	0	50	0	0	50	0	0	0	50	0	0	0	50	02	02	02	50	0	0	0	0	0	50												
North West	30	0	0	30	0	0	30	0	0	0	30	0	0	0	30	0	0	0	30	0	0	0	0	0	30												
West	90	0	0	90	0	0	90	02	02	02	88	0	0	0	88	01	01	01	86	0	0	0	0	0	86												
South	40	0	0	40	02	02	38	0	0	0	38	03	03	03	35	01	01	01	32	0	0	0	0	0	32												
South West	36	0	0	36	02	02	34	0	0	0	34	01	03	03	33	0	0	0	33	0	0	0	0	0	33												
All	03			07			11				13				05				09																		

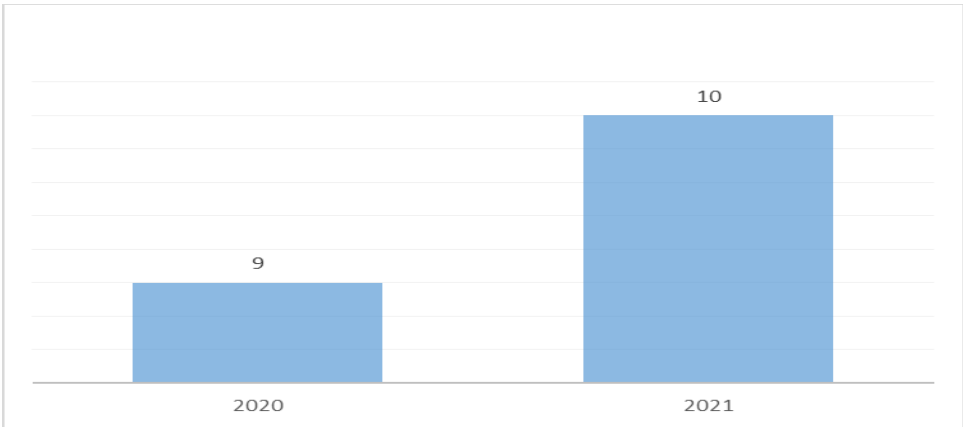
Source: MINMIDT/DG

Table 17: Number of geological sites monitored

	2016	2017	2018	2019	2020	2021
Adamawa	1	1	0	0	0	2
Centre	0	2	7	3	2	4
East	0	0	2	1	1	1
Far North	0	0	0	0	0	0
Littoral	2	0	0	5	1	1
North	0	0	0	0	0	2
North West	0	0	0	0	0	0
West	0	0	02	0	1	1
South	0	2	0	03	0	2
South West	0	2	0	01	0	0
All	0	7	11	13	5	13

Source: MINMIDT/DG

Graph 12: Number of precious metals (gold) identified



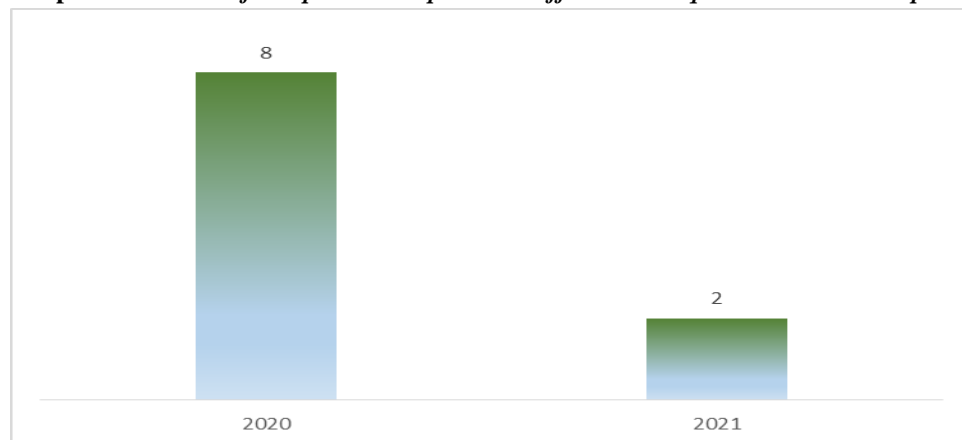
Source: MINMIDT/CAEMI

Graph 13: Marking of minerals (gold)



Source: MINMIDT/CAEMI

Graph 14: Number of companies and purchase offices that requested CAEMI's expertise



Source: MINMIDT/CAEMI

2.4 Mining and Quarrying Revenue

2.4.1 Mining Revenue

Table 18: Evolution of mining revenue from the issuance of hydrocarbon exploitation permits by type of hydrocarbon (in a thousand CFAF)

	2015	2016	2017	2018	2019	2020	2021
Liquid hydrocarbons	6,000	...	...	250,000	250 000	31,157.306	29,995.8
Gas	...	...	...	...	...	64,195.228	6,632.3491
Condensa	...	...	...	...	...	95,352.534	96,319.291

Source: MINMIDT/DM

Table 19: Mining revenue from the issuance of non-industrial mining licences (in a thousand CFAF)

Type of mineral	2016	2017	2018	2019	2020	2021
Gold	515,900	121 857 5	14,300	17,350	145,050	22,550
Diamond	0	0	0	0	0	0
Sapphire	0	0	0	0	0	0
Bauxite	0	0	0	0	0	0
Iron	0	0	0	0	0	0
Nickel, cobalt, manganese	0	0	0	0	0	0
Tin	0	2,200,000	0	0	0	0
Rutile	0	0	0	0	0	0
All	515,900	124 057 5	14,300	17,350	145,050	22,550

Source: MINMIDT/Regional Delegations

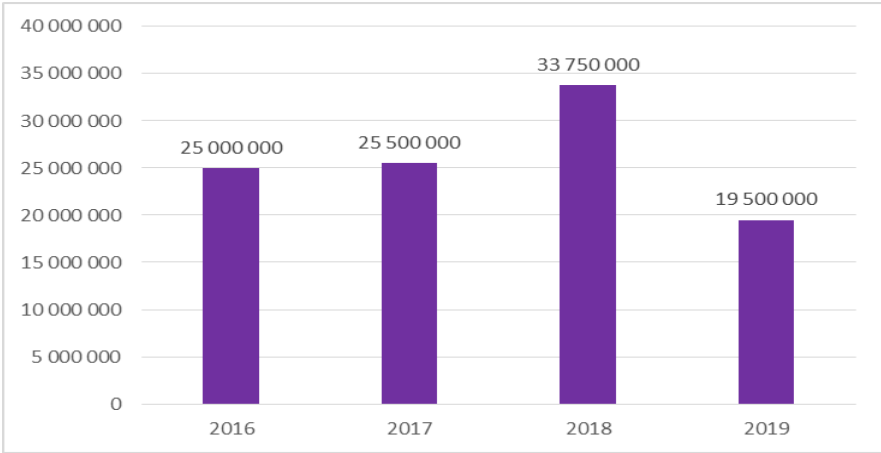
Table 20: Mining revenue from the renewal of mining titles by type of mineral (FCFA)

	2015	2016	2017	2018	2019	2020
Gold	0	1,800,000	6,565,720	80,920	0	868,000
Diamond	0	0	0	0	0	0
Sapphire	0	0	0	0	0	0
Bauxite	0	0	0	0	0	0
Iron	0	0	0	0	0	0
Nickel, cobalt, manganese	0	0	0	0	0	0
Tin	0	0	0	0	0	0
Rutile	0	0	0	0	0	0
Total*	0	1,800,000	6,565,720	80,920	0	868,000

* Partial data not including figures for the East and West Regions, and the South Region for Gold.

Source: MINMIDT/Regional Delegations

Graph 15: Mining income from the issuing of licences for the opening of offices for the purchase and marketing of mineral substances derived from non-industrial mining (CFAF)



Source: MINMIDT/DM

Graph 16: Mining revenue from the issuance of licences to open a gold smelter (CFAF)



Source: MINMIDT/DM

Table 21: Mining revenue from the issuance of non-industrial mining operators' cards by region (CFAF)

Region	2015	2016	2017	2018	2019	2020
Adamawa	240,000	475,000	550,000	475,000	225,000	550,000
Centre	...	...	...	...	...	...
East	1,175,000	875,000	750,000	750,000	1,150,000	825,000
Far North	...	...	...	...	...	...
Littoral	...	...	...	10,000	220,000	90,000
North	...	...	...	...	75,000	100,000
North West	...	40,000	20,000	...	...	...
West	...	...	...	25,000	...	...
South	75,000	...	100,000	...	100,000	125,000
South West	...	...	...	...	...	...

Source: MINMIDT/Regional Delegations

Table 22: Mining revenue from the issuance of non-industrial mining cards for minerals derived from non-industrial mining (CFAF)

Region	2015	2016	2017	2018	2019	2020
Adamawa	270,000	625,000	615,000	480,000	225,000	885,000
Centre	0	0	0	0	0	0
East			440,000	120,000	67000	410 00
Far North	0	0	330,000	450,000	410000	160,000
Littoral	0	0	0	0	0	0
North	...	...	100,000	10,000	0	30,000
North West	15,000	0	15,000	0	0	0
West	0	0	60,000	110,000	0	0
South	150,000	13 0000	...	220,000	490,000	300,000
South West	...	...	...	...	30,000	110,000
All	///	///	///	///	1,222,000	1,526,000

Source: MINMIDT/Regional Delegations

Table 23: Mining revenue from the export and transit of mineral substances (gold) (CFAF)

	2015	2016	2017	2018	2019	2021
Fixed export duties	450,000	100,000	4 000 000	4 000 000	3 750 000	3 500 000
Ad valorem tax	49 087 500	6,168,750	25 986 791	32 559 828.9	30 758 183.25	79 390989.4
All	49 537 500	6 168 750	29 986 791	36 559 828.9	34 508 183.25	82 890 989.4

Source: MINMIDT/DM

Table 24: Mining revenue (collected at the devolved level) from duties, taxes and royalties on mine substances (CFAF)

	2015	2016	2017	2018	2019	2020	2021
Proportional duties on all substances in the mine	90,680,000	59,123,000	137,631,785	89,436,360	49,849,440	17,092,820	57600 000
Annual surface royalty	256,827,851	98,815,976	171,915,376	156,129,256	80,998,623	114,752,386	481747 626
Ad volorem tax	386,253,624	168,748,654	199,856,752	142,562,462	157,870,028	79,103,005	269133605
All	733,761,475	326,687,630	509,403,913	388,128,078	288,718,091	210,948,211	747 436449

Source: MINMIDT/ DR

Table 25: Mining revenue (collected at the devolved level) from duties, taxes and royalties on mining substances (CFA francs)

Regions / Type of substance	2015	2016	2017	2018	2019	2020	2021
Proportional fee on all mineral substances	-	-	570,000	750,000	1,150,000	2,000,000	2085000
Annual surface royalty	-	-	2,000,000	0	8,094,000	9,443,000	8094000
Ad valorem tax on precious stones, precious metals, gold	-	-	84,250	360,000	186,240	212,120	1127537
Adamawa	-	-	2,654,250	1,110,000	9,430,240	11,655,120	11306537
Proportional duties on all mineral substances	0	0	0	0	0	0	320000
Annual surface royalty	0	0	0	0	0	0	17364475
Ad valorem tax on precious stones, precious metals, gold	0	0	0	2,491,048	2,815,740	1,899,402	2635860
Centre	0	0	0	2,491,048	2,815,740	1,899,402	20320335
Proportional duties on all mineral substances	...	...	...	...	...	...	13099261
Annual surface royalty	193,600,000	26,342,500	64,012,000	51,132,250	33,936,000	57,511,363	33936000

Regions / Type of substance	2015	2016	2017	2018	2019	2020	2021
Ad valorem tax on precious stones, precious metals, gold	293,369,180	2,145,946	25,696,080	31,553,076	25,729,026	12,029,746	2,572,729,026
East	///	///	///	///	///	///	2,619,764,287
Proportional duties on all mineral substances	0	0	1 500 000	1 500 000	1,500,000	1,500,000	4760000
Annual surface royalty	0	0	3 870 875	8 896 500	11,411,625	11,411,625	33962650
Ad valorem tax on precious stones, precious metals, gold	0	0	...	...	585,956	160,000	935586
Far North	0	0	///	///	13,497,581	13,071,625	39658236
Proportional duties on all mineral substances	0	0	0	0	0	0	36 290 000
Annual surface royalty	0	604,965	604,965	5,466,700	5,514,750	5,429,850	352 369895
Ad valorem tax on precious stones, precious metals, gold	33,474,721	54,328,518	119,302,100	46,906,953	65,594,973	5,739,795	236 951696
littoral	33,474,721	54,933,483	119,907,065	52,373,653	71,109,723	11,169,645	589,321,591
Proportional duties on all mineral substances	0	0	0	0	0	0	100,000
Annual surface royalty	17,111,851	17,871,911	19,745,986	17,465,806	18,314,440	23,611,790	49,499,656
Ad valorem tax on precious stones, precious metals, gold	264,000	5,545,770	6,857,848	8,629,840	11,262,649	9,002,649	9,918,877
North	17,375,851	23,417,681	26,603,834	26,095,646	29,577,089	32,614,439	59518533
Proportional duties on all mineral substances	0	0	0	2,000,000	0	0	...
Annual surface royalty	0	0	0	0	0	0	...
Ad valorem tax on precious stones, precious metals, gold	0	0	0	0	0	0	...
North West	0	0	0	2,000,000	0	0	
Proportional duties on all mineral substances	0	0	290,400	243,200	201,040	427,200	7,500,000.0
Annual surface royalty	p13 000	3,000	2,037,150	23,800,225	2,907,770	24,770	17435 596,0
Ad valorem tax on precious stones, precious metals, gold	79,092	57,047	91,759	62,526	62,886	-	180,814.0
West	82,092	60,047	2,419,309	24,105,951	3,171,696	451,970	25116 410,0
Proportional duties on all mineral substances	0	0	0	0	0	0	6,545,000
Annual surface royalty	45,600,000	53,480,600	77,680,000	48,750,000	...	6,500,000	20,456,950
Ad valorem tax on precious stones, precious metals, gold	...	...	...	...	...	...	128,453
South	///	///	///	///	///	///	27,130,403

Regions / Type of substance	2015	2016	2017	2018	2019	2020	2021
Annual surface royalty	513,000	513,000	1,513,000	117,225	319,488	319,488	...
Ad valorem tax on precious stones, precious metals, gold	58,872,331	106,426,145	46,007,717	50,214,779	45,004,932	48,549,391	...
South West	///	///	///	///	///	///	...
Proportional duties on all mineral substances	///	///	///	///	///	///	70,699,261
Annual surface royalty	256,827,851	98,815,976	171,463,976	155,628,706	///	114,251,886	515,683,626
Ad valorem tax on precious stones, precious metals, gold	///	///	///	///	///	///	2,841,862,631
All	///	///	///	///	///	///	3,367,200,736

Data from the South West and North West not available due to the crisis in these parts of the country

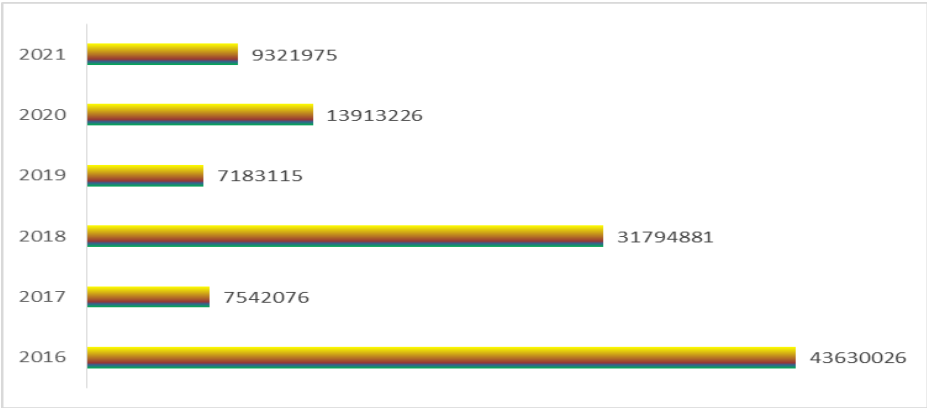
Source: MINMIDT/Regional Delegations

Table 26: Mining revenue (collected and generated) from the ad valorem tax on diamond (CFAF)

	2015	2016	2017	2018	2019	2020	2021
Gold	50 189 349	27 923 217	4 826 929	15 388 644	3 437 102	3 116 975	...
Diamond	50 189 349	27 923 217	4 826 929	15 388 644	3 437 102	3 116 975	2 759 747

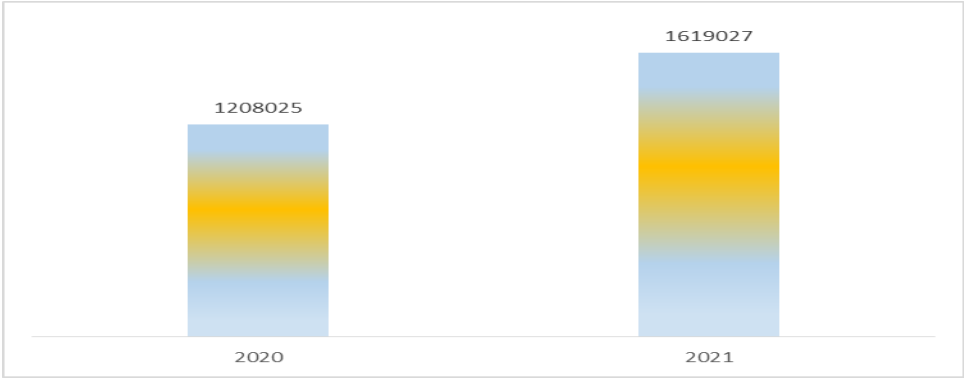
Source: SNPPK

Graph 17: Annual income from diamond certification (Customs, ad valorem tax and SNPPK) in CFA F



Source: SNPPK

Graph 18 : Annual revenue generated by CAEMI expertise fees (in CFA F)



Source: CAEMI

2.4.2. Quarrying revenue

Table 27: Quarrying revenue from the issuance of operating permits by type of quarry substance (FCFA)

	2015	2016	2017	2018	2019	2020	2021
Laterites	450.000	-	19,808,000	18,869,200	5,636,000	5,772,800	14,248,520
Pozzolans	-	-	-	5,500,000	-	2,000,000	63,956,798
Clay	-	-	-	-	-	-	951.800
Sand	400.200	461.600	308.400	8,161,800	3,000,000	3,510,000	70,648,429
Aggregates							2,496,276,486
Limestone							25,806,550
Total*	850.200	461.600	20,116,400	32,531,000	8,636,000	11,282,800	2 671 888 581,7

*Partial data excluding statistics for the East region and the Littoral region for the years 2015 to 2017.

Source: MINMIDT/SDSM, Regional Delegations

Remarks: In theory, semi-mechanised mining permits have been suspended since 2016 with the enactment of the Mining Code. However, data collection has revealed that they continue to be issued.

Table 28: Revenue from the issuance of artisanal quarrying permits by type of substance (FCFA)

	2017	2018	2019	2020	2021
Soft materials (clays, pebbles, laterites, pozzolans, sand, etc.)	8,397,500	7,564,000	9,513,000	10,520,000	ND
Hard materials (stone)	300.000	1,180,000	30.000	1,130,000	ND
Total*	8,697,500	8,744,000	9,543,000	11,650,000	

*Partial data without figures from the Littoral region and the East region for the year 2017.

Source: MINMIDT/Regional Delegations

Table 29: Quarrying extraction tax revenue by type of material

	2016	2017	2018	2019	2020	2021
Soft materials (clays, pebbles, laterites, pozzolans, sand,....)	122,790,878	264,674,687	406,815,611	332,228,243	211,377,123	ND
Hard materials (stones)	261,074,000	256,271,749	370,893,009	334,583,635	322,750,408	ND
Total*	383,864,878	520,946,436	777,708,620	666,811,878	534,127,531	

*Partial data excluding figures for the North-West region and those for the South for the years 2016, 2017 and 2019 concerning Soft materials.

Source: MINMIDT/DM, Regional Delegations

Table 30: Revenue from quarry surface royalties by region (FCFA)

	Type of substance	2015	2016	2017	2018	2019	2020	2021
Adamawa	Soft materials	0	0	0	0	0	0	ND
	Hard materials	0	0	0	0	0	0	ND
	All	0	0	0	0	0	0	8094000

Source: MINMIDT/Regional Delegations

2.5. Quarry Production

Table 31: *Production of quarry materials (in m³)*

	Type of substance	2015	2016	2017	2018	2019	2020	2021
Artisanal	Laterite	...	...	...	...	...	...	...
	Pozzolan	...	...	...	...	...	...	...
	Clay	...	...	3579	3170	2407	...	3,794
	Sand	...	...	5977	5427	8160	...	...
	All	///	///	///	///	///	///	...
Semi-mechanized	Laterite	...	...	...	...	...	...	...
	Pozzolan	...	...	...	...	...	...	...
	Clay	...	...	...	...	...	...	...
	Sand	...	...	...	...	...	...	...
	Group	///	///	///	///	///	///	...
Industrial	Laterite	...	...	165,948	191,598	610 681.5	...	71 242.6
	Pozzolan	...	...	229 604.555	477 694.21	448,445	...	319783.988
	Clay	...	...	3,579	61,750	9,370	...	...
	Limestone	...	...	...	...	...	...	73,733
	Aggregates	...	...	...	...	...	...	5 814 364.42
	Sand	...	...	311 898.56	388,722	183 520.5	...	351 230.118
	All	///	///	542,130	1 259 148.937	2 183 359. 907	///	...
All	Laterite	...	...	56,815	68,936	85 999. 02	...	71 242.6
	Pozzolan	...	...	1 309 975.115	2 447 849. 147	3 521 375. 927	...	319783.988
	Clay	...	...	///	///	///	///	3,794
	Limestone	...	...	...	...	...	...	73,733
	Aggregates	...	...	...	...	...	...	5 814 364.42
	Sand	...	...	///	///	///	///	351 230.118
	Total	///	///	///	///	///	///	///

Source: MINMIDT / DM

Table 32: Non-industrial production of quarry materials by Region (in m³)

	Type of substance	2015	2016	2017	2018	2019	2020
Adamawa	Laterite	0	0	0	0	795	0
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	0	0	0
	Sand	0	0	0	0	0	0
	All	0	0	0	0	795	0
Centre	Laterite	0	0	0	0	147,487	152037.845
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	0	0	0
	Sand	0	0	0	73,250	36 602.50	26 015.79
	All	0	0	0	73,250	184 089.50	178 053.64
East	Laterite	0	0	0	0	...	0
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	0	0	0
	Sand	...	...	...	...	...	...
	All	///	///	///	///	///	///
Far North	Laterite	0	0	0	163,016	106,055	69 825.50
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	71792	200	2490
	Sand	0	0	3437	850	4970	2797.25
	All	0	0	3437	235658	111225	75112.75
Littoral	Laterite	...	...	...	...	...	...
	Pozzolan	...	...	...	...	...	...
	Clay	...	...	...	...	...	...
	Sand	...	34,415	55,279	61,216	73,866	29,082
	All	///	34,415	55,279	61,216	73,866	29,082
North	Laterite	0	0	0	2,500	600	4,800
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	0	0	0
	Sand	0	0	0	4,500	700	1,368
	All	0	0	0	7,000	1,300	6,168

	Type of substance	2015	2016	2017	2018	2019	2020
North West	Laterite	0	15,400	32,294	20,781	0	1,270
	Pozzolan	...	...	...	...	...	...
	Clay	...	...	...	...	...	...
	Sand	...	...	...	...	...	...
	All	///	///	///	///	///	///
West	Laterite	0	0	9,000	0	0	500
	Pozzolan	1 807.50	10 203.50	50 422.53	64 388.10	48 056.28	18 809.38
	Clay	0	0	0	0	0	0
	Sand	4,830	4,415	4,748	14,183	13,990	15 293.40
	All	6 637.50	14 618.50	64 170.53	78 571.10	62 046.28	34 602.78
South	Laterite	...	...	8650	...	23650	150050
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	0	0	0
	Sand	...	12,650	1,500	...	3,050	6,000
	All	...	...	10,150	...	26,700	156,050
South West	Laterite	0	0	0	0	0	0
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	0	0	0
	Sand	...	4,635	17 196.75	6,178	5,452	0
	All	///	4,635	17 196.75	6,178	5,452	0

Source: MINMIDT/Regional Delegations

Table 33: Semi-mechanised production of quarry materials by Region (in m³)

	Type of substance	2015	2016	2017	2018	2019	2020
Adamawa	Laterite	0	0	0	0	0	0
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	0	0	0
	Sand	0	0	0	0	0	0
	All	0	0	0	0	0	0
Centre	Laterite	0	0	0	0	0	0
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	134 370.16	356 120.66	477 643.40	489,882
	Sand	0	0	71 433.41	113 440.95	126 210.60	13,551
	All	0	0	0	0	0	0
East	Laterite	0	0	0	0	...	0
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	0	0	0
	Sand	...	...	...	...	...	...
	All	///	///	///	///	///	///
Far North	Laterite	0	0	91,540	49,346	5,680	6,361
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	0	0	0
	Sand	0	0	0	0	0	0
	All	0	0	91,540	49,346	5,680	6,361
Littoral	Laterite	...	...	2,000	25,650	8,958	19,839
	Pozzolan	...	87195	120,669	109,177	126,258	38,505
	Clay	...	...	...	...	...	...
	Sand	...	3824	14512	57132	77862	32,802
	All	///	91,019	137,181	191,959	213,078	91,146
North	Laterite	0	0	0	0	0	0
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	0	0	0
	Sand	0	0	0	0	0	0
	All	0	0	0	0	0	0
North West	Laterite	0	0	0	0	0	0
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	0	0	0
	Sand	0	0	0	0	0	0
	All	0	0	0	0	0	0
West	Laterite	0	0	0	0	0	0
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	0	0	0
	Sand	0	0	0	0	0	0
	All	0	0	0	0	0	0
South	Laterite	0	0	0	0	0	0
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	0	0	0
	Sand	0	0	0	0	0	0
	All	0	0	0	0	0	0
South West	Laterite	...	...	1,600	1,050	725	750
	Pozzolan	0	0	0	0	0	0
	Clay	0	0	0	0	0	0
	Sand	0	0	0	0	0	0
	All	///	0	1,600	1,050	725	750
All	Laterite	///	///	95,140	76,046	///	26,950
	Pozzolan	///	87,195	120,669	109,177	126,258	38,505
	Clay	///	///	///	///	///	///
	Sand	///	///	///	///	///	///

	All	///	///	///	///	///	///
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Source: MINMIDT/Regional Delegations

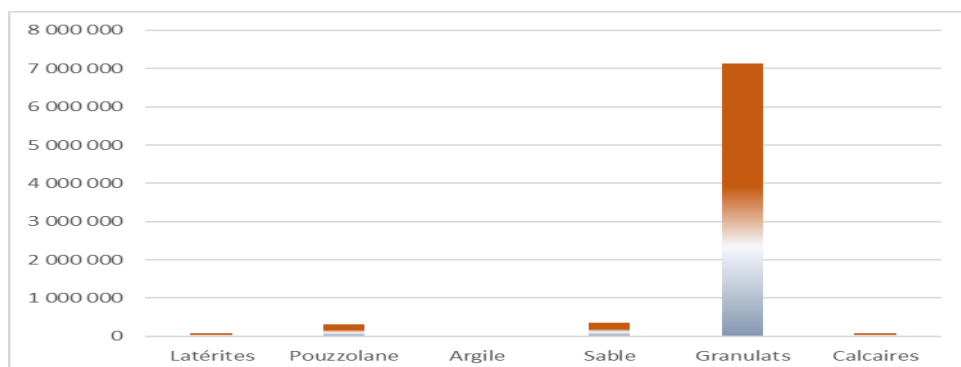
Table 34: Industrial production of quarry materials by region (in m³)

	Type of substance	2015	2016	2017	2018	2019	2020	2021
Adamawa	Laterite	0	0	0	0	34,592	0	6350
	Pozzolan	6,311	28,216	103,145	397,491	48,150	507,919	0
	Aggregates							90100
	Limestone							0
	Clay	0	0	0	0	0	0	0
	Sand	0	294	0	6,165	0	7,653	0
	All	6,311	28,510	103,145	403,656	82,742	515,572	96450
Centre	Laterite	0	0	0	0	0	0	0
	Pozzolan	0	0	0	0	0	0	0
	Aggregates							655883.28
	Limestone							0
	Clay	0	0	0	0	0	0	0
	Sand	0	0	71,433	113,441	126,211	13,551	204664.6
	All	0	0	71,433	113,441	126,211	13,551	655883.28
East	Laterite	0	0	0	0	...	0	0
	Pozzolan	0	0	0	0	0	0	0
	Aggregates							35360.805
	Limestone							0
	Clay	0	0	0	0	0	0	0
	Sand	...	...	...	...	...	...	48485.62
	All	///	///	///	///	///	///	83846.425
Far North	Laterite	0	0	0	0		0	59011
	Pozzolan	0	0	0	0	0	0	0
	Aggregates							75345.25
	Limestone							0
	Clay	0	0	0	0	0	0	0
	Sand	0	0	0	0	0	0	6469
	All	0	0	0	0	0	0	140825.25
Littoral	Laterite	...	...	...	...	...	...	0
	Pozzolan	...	495,898	687,569	290,331	313,848	213,521	142266.41
	Aggregates							105800.41
	Limestone							0
	Clay	...	...	...	...	...	...	0
	Sand	...	131,056	98,916	...	95,924	81,529	78150.523
	All	///	626,954	786,485	290,331	409,772	295,050	326217.34
North	Laterite	0	0	0	0	0	0	0
	Pozzolan	0	0	0	0	0	0	0
	Aggregates							68474
	Limestone							73733
	Clay	4,236	3,914	3,327	3,170	2,407	2,760	3025
	Sand	4,609	6,500	5,977	5,427	8,160	6,040	3410
	All	8,845	10,414	9,304	8,597	10,567	8,800	148642
North West	Laterite	...	...	...	...	...	...	3731.6
	Pozzolan	...	...	...	...	...	...	0
	Aggregates							14978
	Limestone							0

	Type of substance	2015	2016	2017	2018	2019	2020	2021
West	Clay	...	...	...	...	...	...	769
	Sand	...	...	...	...	...	...	6291
	All	///	///	///	///	///	///	25769.6
	Laterite	0	0	0	0	0	0	0
	Pozzolan	0	0	0	0	55,274	90,545	151694.38
	Aggregates							207773.65
	Limestone							0
	Clay	0	0	0	0	-	-	0
	Sand	0	0	0	5,021	6,193	6,531	0
All	0	0	0	5,021	61,466	97,076	359468.04	
South	Laterite	...	...	...	167,650	88,700	55,000	0
	Pozzolan	0	0	0	-	-	-	0
	Aggregates							4596759.6
	Limestone							0
	Clay	0	0	0	-	-	-	0
	Sand	0	0	0	1,350	22,500	11,600	0
	All	0	0	0	169,000	111,200	66,600	4596759.6
South West	Laterite	0	0	0	-	-	-	2150
	Pozzolan	...	35,610	305,055	136,479	50,698	2,003	25823.2
	Aggregates							9980.24
	Limestone							0
	Clay	0	0	0	0	0	0	0
	Sand	...	51,938	65,577	43,601	36,464	29,085	35667
	All	///	87,548	370,632	180,080	87,162	31,088	73620.44
All	Laterite	///	///	///	///	///	///	71242.6
	Pozzolan	///	///	///	///	///	///	319783.99
	Aggregates							5860455.2
	Limestone							73733
	Clay	///	///	///	///	///	///	3794
	Sand	///	///	///	///	///	///	383137.74

Source: MINMIDT/Regional Delegations

Graph 19: Quantity produced from quarrying permits by type of quarry substance (m³) in 2021



Source: MINMIDT/SDSM

Table 35: Quantity of quarry production by type of substance per region in 2021, volume extracted in m3

Regions	Aggregates	Sand	Pozzolans	Laterite	Limestone	Clay
ADAMA WA	90100	0	0	6350	0	0
CENTRE	619106.45	168100	0	0	0	0
EAST	35360.805	48485.62	0	0	0	0
FAR NORTH	75345.25	6469	0	59011	0	0
LITTORAL	1414340.34	105936.613	320114.569	0	0	0
NORTH	68474.2	3410	0	0	73733	3025
NORTH WEST	14978	6291	0	3731.6	0	769
WEST	207773.652	0	151694.383	0	0	0
SOUTH	4596759.59	0	0	0	0	0
SOUTH WEST	18951.68	60599	163131	2150	0	0
TOTAL	7141189.97	399291.233	634939.952	71242.6	73733	3794

Source: MINMIDT/DM

Table 36: Income from quarry surface royalties by region (CFAF)

	Type of substance	2015	2016	2017	2018	2019	2020	2021
Centre	Soft materials	0	0	0	0	629,425	390,025	ND
	Hard materials	0	0	70,353,940	56,630,650	40,609,675	15,540,025	ND
	All	0	0	70,353,940	56,630,650	41,239,100	15,930,050	17364475
East	Soft materials	...	...	...	...	...	...	ND
	Hard materials	...	...	3,517,575	3,517,575	3,517,575	4,517,575	ND
	All	///	///	3,517,575	3,517,575	3,517,575	4,517,575	88508390
Far North	Soft materials	0	0	0	0	0	0	ND
	Hard materials	0	0	3,870,875	8,896,500	11,411,625	11,411,625	ND
	All	0	0	3,870,875	8,896,500	11,411,625	11,411,625	33962650
Littoral	Soft materials	3,000,000	46,566,475	44,348,575	54,277,934	74,430,475	102,268,225	ND
	Hard materials	46,940,225	36,517,550	36,753,650	39,322,150	47,814,050	42,053,475	ND
	All	49,940,225	83,084,025	81,102,225	93,600,084	122,244,525	144,321,700	86551600
North	Soft materials	0	0	0	0	0	0	ND
	Hard materials	25,673,054	25,673,054	25,673,054	25,673,054	25,673,054	28,936,600	ND
	All	25,673,054	25,673,054	25,673,054	25,673,054	25,673,054	28,936,600	49499656
North West	Soft materials	...	...	...	...	...	...	...
	Hard materials	...	...	...	...	...	...	...
	All	///	///	///	///	///	///	///
West	Soft materials	20,000	0	55,000	715,000	715,000	250,000	ND
	Hard materials	93,000	0	4,890,433	26,693,508	18,727,623	12,016,358	ND
	All	113,000	0	4,945,433	27,408,508	19,442,623	12,266,358	17415596
South	Soft materials	0	0	100,000	0	0	...	ND
	Hard materials	16,000,000	0	-	3,250,000	7,500,000	...	ND
	All	16,000,000	0	100,000	3,250,000	7,500,000	...	20456950
South West	Soft materials	...	...	42,036,475	26,566,447	14,241,450	10,542,450	...
	Hard materials	...	...	25,174,375	21,504,450	5,557,075	5,557,075	...
	All	24,024,825	51,643,166	67,210,850	48,070,897	19,798,525	16,099,525	///

Source: MINMIDT/Regional Delegations

CHAPITRE III
DIVERSIFICATION AND COMPETITIVENESS
OF INDUSTRIAL SECTORS

3.1 Industry, National Economy and Competitiveness

Table 37: Changes in Cameroon's ranking with regard to the business climate

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Ranking within CEMAC	3rd/6	3rd/6	3rd/6	1st/6	3rd/6	2nd/6	2nd /6	2nd/6	1st /6	1st/6	1st/6
Ranking in Africa	39th/50	39th/51	35th/51	34th/51	35th/52	35th/51	35th /51	34th /53	33th /53	34th/53	34th/53
Global ranking	171st/183	168th/183	161st/183	161st /185	168th	158th /189	172nd/189	166th /190	163rd /190	166th /190	167th/190

Source: Doing Business Databases

Table 38: Evolution of rank in relation to the industrial competitiveness index

	2011	2012	2013	2014	2015	2016	2017	2018
Ranking within CEMAC	3rd /4	2nd /4	3rd /4	3rd /4	3rd/4	3rd /4	3ed /4	3rd /4
Ranking in Africa	15th /31	14th/31	15th /31	15th/31	16th/31	16th /31	16th /31	16th /31
Global ranking	116th/ 152	113th/152	114th/152	115th/152	120th/152	120th/152	121th/152	121th/152

Source: UNIDO

Table 39: Rate (%) of local processing of agricultural raw materials

Raw materials	2015	2016	2017	2018	2019	2020
All	///	///	///	///	///	///
Cocoa	13	13	23	21	51	51
Coffee	15	14	28	28	28	28
Tea	...	...	...	...	...	...
Palm oil	...	...	...	...	...	...

Source: D.I

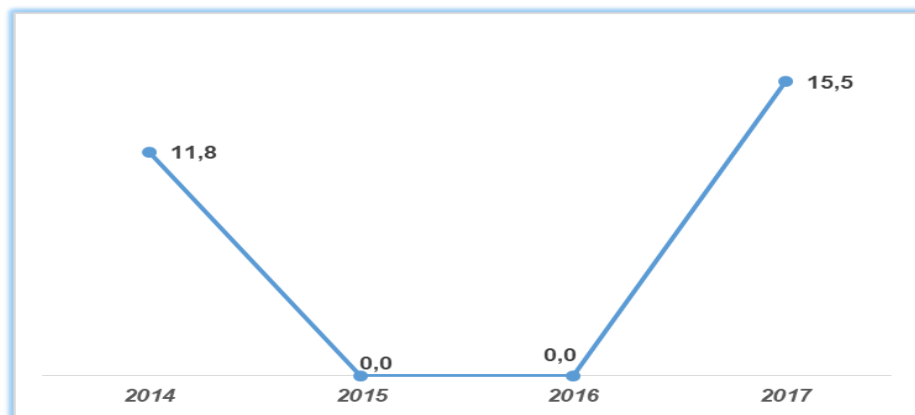
3.2 Support for Processing Activities

Table 40: Evolution of the surface area (ha) of available industrial land

Regions	2015	2016	2017	2018	2019	2020	2021
Adamawa	115	115	115	115	115	115	115
Centre	316	316	316	317	317	317	317
East	224	224	224	225	225	225	225
Far North	0	0	0	0	0	0	0
Littoral	342	342	342	345	346	346	346
North	90	90	90	90	90	90	90
North West	44	44	44	44	44	44	44
West	36	36	36	28	28	28	28
South	0	0	0	100	100	100	100
South West	133	133	133	134	134	134	134
All	1300	1300	1300	1398	1399	1399	1399

Source: MAGZI

Graph 20: Evolution of the share (%) of industrial land area developed per year



Source: MAGZI

3.3 Protection and security of the industrial fabric

Table 41: Number of accidents in industrial facilities per Region and per type of classified establishment

Regions		2015	2016	2017	2018	2019	2020	2021
Adamawa	Category 1 establishment	0	0	0	0	0	0	01
	Category 2 establishment	1	0	0	0	1	1	00
Centre	Category 1 establishment	...	...	...	56	...	...	135
	Category 2 establishment	...	...	...	0	...	...	10
East	Category 1 establishment	...	...	...	...	...	...	500
	Category 2 establishment	...	...	...	...	...	...	0
Far North	Category 1 establishment	...	...	...	9	5	...	03
	Category 2 establishment	...	...	...	6	11	...	00
Littoral	Category 1 establishment	...	...	...	25	35	...	144
	Category 2 establishment	...	...	...	85	105	...	10
North	Category 1 establishment	...	...	...	4	12	...	
	Category 2 establishment	...	...	...	3	1	...	
North West	Category 1 establishment	...	...	...	...	...	...
	Category 2 establishment	...	...	...	...	...	...
West	Category 1 establishment	...	...	2	2	4	3	01
	Category 2 establishment	0	1	4	3	7	4	//
South	Category 1 establishment	...	...	...	...	...	...	00
	Category 2 establishment	...	...	...	...	...	...	00
South West	Category 1 establishment	...	...	0	0	0	...	
	Category 2 establishment	...	...	0	0	0	...	

Source: MINMIDT/Regional Delegations

Table 42: Rate (%) of coverage of first-class establishments by inspection visits

Regions	2015	2016	2017	2018	2019	2020	2021
Adamawa	100	100	100	81	87	0	82
Centre	83	85	76	100	86	11	99
East	100	74	100	100	100	0	87
Far North	100	100	100	100	100	100	100
Littoral	...	...	...	90	83	...	91
North	38	100	45	100	92	...	86
North West	...	...	...	...	...	...
West	62	53	52	82	76	0	100
South	100	100	100	100	100	0	100
South West		50	58	35	38	...	

Source: Inspection, DR, DD MINMIDT

Table 43: Rate (%) coverage of second-class establishments by inspection visits

Regions	2015	2016	2017	2018	2019	2020	2021
Adamawa	83.93	83.55	84.53	55.68	71.98	0	55
Centre	40	65	41	36	52	0	53
East	100	100	100	100	100	0	84
Far North	...	...	71	83	84	...	
Littoral	...	...	///	80	74	...	42
North	...	84	84	100	91	...	48
North-West	...	...	...	...	...	...
West	62	53	52	82	76	0	100
South	...	...	70	70	75	0	63
South-West	...	81	76	30	61	...	

Source: MINMIDT/Regional Delegations

Table 44: Number of establishments classified per Region and per type of classified establishment

Regions		2015	2016	2017	2018	2019	2020	2021
Adamawa	1st class establishment	17	17	18	17	17	17	17
	2nd class establishment	311	304	322	422	357	279	369
Centre	1st class establishment	97	100	88	79	90	90	90
	2nd class establishment	1,807	1,805	1,424	1,823	1,884	1,884	1,875
East	1st class establishment	19	14	22	23	30	32	31
	2nd class establishment	180	180	205	205	203	194	198

Regions		2015	2016	2017	2018	2019	2020	2021
Far North	1st class establishment	6	6	9	12	12	///	15
	2nd class establishment	45	48	314	298	296	///	284
Littoral	1st class establishment	221	224	249	260	///	234	223
	2nd class establishment	1,058	1,066	1,177	1,196	///	1,247	1,259
North	1st class establishment	21	21	22	23	25	25	29
	2nd class establishment	90	104	74	76	146	191	143
North-West	1st class establishment	12	12	12	12	11	10	08
	2nd class establishment	482	531	563	560	167	33	515
West	1st class establishment	20	22	23	25	26	23	28
	2nd class establishment	777	991	863	858	1086	945	1,048
Sud	1st class establishment	12	13	17	17	19	21	29
	2nd class establishment	205	205	342	400	420	434	457
South-West	1st class establishment	19	17	17	17	///	///	09
	2nd class establishment	197	188	175	176	///	///	117
All	1st class establishment	444	446	477	485	///	///	463
	2nd class establishment	5152	5,422	5,459	6,014	///	///	6,268

Source: inspection, DR, DD MINMIDT

Table 45: Number of establishments classified per Region and Divisions and per type of classified establishment

Region		2015	2016	2017	2018	2019	2020	2021
ADAMAWA								
Djerem	1st class establishment	2	2	3	3	4	4	4
	2nd class establishment	6	6	9	9	7	7	7
Faro and Deo	1st class establishment	1	1	1	1	1	1	1
	2nd class establishment	26	30	42	39	45	45	45
Mayo-Banyo	1st class establishment	2	2	3	3	3	3	3
	2nd class establishment	74	74	74	76	76	45	38
Mbere	1st class establishment	0	0	0	0	0	0	0
	2nd class establishment	34	36	31	32	30	28	36
Vina	1st class establishment	12	12	11	10	9	9	09
	2nd class establishment	171	158	166	266	199	154	243
Total	1st class establishment	17	17	17	18	17	17	17
	2nd class establishment	311	304	322	422	357	279	369
Centre								
Upper Sanaga	1st class establishment	3	4	5	4	4	4	2
	2nd class establishment	43	30	43	48	42	42	27
Lekie	1st class establishment	4	4	5	7	8	8	6
	2nd class establishment	50	50	68	75	93	93	97
Mbam-and-Inoubou	1st class establishment	0	0	0	0	2	2	00
	2nd class establishment	75	75	60	78	75	75	72
Nyong-and-Mfoumou	1st class establishment	3	3	2	7	13	13	0
	2nd class establishment	33	36	32	29	38	38	44
Nyong-and-So'o	1st class establishment	14	10	13	13	11	11	3
	2nd class establishment	72	57	86	143	142	142	48

Regions		2015	2016	2017	2018	2019	2020	2021
Mbam-and-Kim	1st class establishment	1	6	8	8	7	7	5
	2nd class establishment	5	5	44	45	59	59	42
Mefou-and-Afamba	1st class establishment	24	25	47	31	36	36	13
	2nd class establishment	536	553	1018	1300	1300	1300	167
Mefou-and-Akono	1st class establishment	2	2	2	2	5	5	10
	2nd class establishment	27	30	28	25	28	28	59
Mfoundi	1st class establishment	42	42	0	1	1	1	48
	2nd class establishment	950	950	10	27	33	33	1,300
Nyong-and-Kelle	1st class establishment	4	4	6	6	3	3	2
	2nd class establishment	16	19	35	53	74	74	19
All	1st class establishment	97	100	88	79	90	90	90
	2nd class establishment	1807	1805	1424	1823	1884	1884	1875
<i>EAST</i>								
Upper-Nyong	1st class establishment	4	3	4	5	5	6	10
	2nd class establishment	28	28	32	31	31	31	24
Boumba-and-Ngoko	1st class establishment	7	7	7	7	7	7	7
	2nd class establishment	18	17	16	22	22	22	36
Kadey	1st class establishment	3	3	2	2	2	2	3
	2nd class establishment	19	19	25	37	37	28	39
Lom-and-Djerem	1st class establishment	5	1	9	9	16	17	16
	2nd class establishment	115	116	132	115	113	113	168
All	1st class establishment	19	14	22	23	30	32	31
	2nd class establishment	180	180	205	205	203	194	198
<i>Far North</i>								
Diamare	1st class establishment	4	4	7	7	7	...	8
	2nd class establishment	29	33	85	114	114	...	149

Regions		2015	2016	2017	2018	2019	2020	2021
Logono-and-Chari	1st class establishment	0	0	0	1	1	...	2
	2nd class establishment	6	6	50	42	46	...	28
Mayo-Sava	1st class establishment	0	0	0	1	1	...	2
	2nd class establishment	1	1	25	21	23	...	14
Mayo-Danay	1st class establishment	1	1	1	2	2	...	2
	2nd class establishment	4	3	31	58	50	...	40
Mayo Tsanaga	1st class establishment	0	0	0	0	0	...	0
	2nd class establishment	1	1	52	21	18	...	30
Mayo Kani	1st class establishment	1	1	1	1	1	...	1
	2nd class establishment	3	3	19	21	27	...	23
All	1st class establishment	6	6	9	12	12	///	15
	2nd class establishment	45	48	314	298	296	///	284
LITTORAL								
Moungo	1st class establishment	5	9	5	6	17	18	10
	2nd class establishment	70	92	87	108	137	145	136
Nkam	1st class establishment	1	1	1	1	...	9	9
	2nd class establishment	67	67	67	67	...	32	32
Sanaga-Maritime	1st class establishment	10	9	10	20	26	26	25
	2nd class establishment	70	56	72	70	70	70	67
Wouri	1st class establishment	205	205	233	233	179	181	179
	2nd class establishment	851	851	951	951	1024	1000	1,024
All	1st class establishment	221	224	249	260	///	234	223
	2nd class establishment	1058	1066	1177	1196	///	1247	1,259
NORTH								
Mayo-Louti	1st class establishment	4	4	4	5	5	5	5
	2nd class establishment	15	15	15	27	39	45	34

Region		2015	2016	2017	2018	2019	2020	2021
Mayo-Rey	1st class establishment	3	3	4	4	4	4	5
	2nd class establishment	2	3	3	3	4	6	10
Faro	1st class establishment	1	1	1	1	1	1	1
	2nd class establishment	0	0	0	0	0	0	00
Benoue	1st class establishment	13	13	13	13	15	15	18
	2nd class establishment	73	86	56	46	103	140	99
All	1st class establishment	21	21	22	23	25	25	29
	2nd class establishment	90	104	74	76	146	191	143
NORTH-WEST								
Bui	1st class establishment	1	1	1	1	0	0	
	2nd class establishment	94	114	80	94	0	0	
Mezam	1st class establishment	6	6	6	6	6	6	
	2nd class establishment	283	283	329	329	90	0	
Boyo	1st class establishment	0	0	0	0	0	0	ND
	2nd class establishment	18	28	26	0	0	0	ND
Menchum	1st class establishment	0	0	0	0	0	0	ND
	2nd class establishment	21	18	27	42	0	0	ND
Ngo-Ketunjia	1st class establishment	1	1	1	1	1	0	ND
	2nd class establishment	26	26	35	41	41	0	ND
Momo	1st class establishment	3	3	3	3	3	3	ND
	2nd class establishment	18	18	18	18	18	18	ND
Donga-Mantung	1st class establishment	1	1	1	1	1	1	ND
	2nd class establishment	22	44	48	36	18	15	ND
All	1st class establishment	12	12	12	12	11	10	8
	2nd class establishment	482	531	563	560	167	33	515
WEST								

Regions		2015	2016	2017	2018	2019	2020	2021
Bamboutos	1 st class establishment	1	1	2	3	3	3	3
	2nd class establishment	64	74	65	65	50	50	50
Upper Nkam	1st class establishment	1	1	1	1	2	2	2
	2nd class establishment	84	100	93	98	96	96	96
Menoua	1st class establishment	0	0	0	2	1	0	2
	2nd class establishment	66	70	76	86	95	101	102
Mifi	1st class establishment	13	12	11	11	12	12	14
	2nd class establishment	445	479	335	346	511	515	518
High-Plateaus	1st class establishment	0	0	0	0	0	0	0
	2nd class establishment	17	13	18	14	14	13	15
Koung-Khi	1st class establishment	2	2	2	2	2	2	2
	2nd class establishment	21	65	31	34	34	29	30
Nun	1st class establishment	3	5	6	5	5	4	4
	2nd class establishment	28	139	175	140	141	141	148
Nde	1st class establishment	0	1	1	1	1		1
	2nd class establishment	52	51	70	75	145		89
All	1st class establishment	20	22	23	25	26	///	28
	2nd class establishment	777	991	863	858	1086	///	1,048
<i>SOUTH</i>								
Dja-and-Lobo	1st class establishment	1	1	4	4	5	6	ND
	2nd class establishment	28	28	84	119	112	126	ND
Mvila	1st class establishment	2	3	3	3	3	3	ND
	2 nd class establishment	60	60	60	67	67	67	ND
Ntem Valley	1st class establishment	1	1	2	2	3	4	ND
	2nd class establishment	22	22	111	120	120	120	ND

Region		2015	2016	2017	2018	2019	2020	2021
Ocean	1st class establishment	8	8	8	8	8	8	ND
	2nd class establishment	95	95	87	94	121	121	ND
All	1st class establishment	12	13	17	17	19	21	29
	2nd class establishment	205	205	342	400	420	434	457
SOUTH-WEST								
Fako	1st class establishment	12	11	10	10	10	...	9
	2nd class establishment	95	95	87	94	121	121	83
Manyu	1st class establishment	1	1	1	1	...	...	ND
	2nd class establishment	1	2	1	5	...	...	ND
Meme	1st class establishment	1	1	1	1	...	...	0
	2nd class establishment	31	31	29	19	...	...	33
Lebialem	1st class establishment	0	0	0	0	0	0	ND
	2nd class establishment	25	15	13	13	...	...	ND
Koupe-and-Manengouba	1st class establishment	1	1	1	1	...	...	ND
	2nd class establishment	35	35	35	35	...	...	ND
Ndian	1st class establishment	4	3	4	4	...	...	ND
	2nd class establishment	10	10	10	10	...	...	ND
All	1st class establishment	19	17	17	17	///	///	9
	2nd class establishment	197	188	213	207	///	///	117

Source: MINMIDT/Regional Delegations

Table 46: Number of sworn inspectors by Region

Regions		2015	2016	2017	2018	2019	2020	2021
Adamawa	Sworn inspectors	13	13	14	15	16	16	16
	Sworn assistant inspectors	10	11	10	8	8	7	7
Centre	Sworn inspectors	...	...	...	15	15	17	28
	Sworn assistant inspectors	...	...	...	4	5	3	19
East	Sworn inspectors	...	...	7	12	10	9	13
	Sworn assistant inspectors	...	10	10	10	10	10	11
Far North	Sworn inspectors	...	...	18	22	22	22	///
	Sworn assistant inspectors	...	...	2	7	7	7	
Littoral	Sworn inspectors	...	...	...	27	21	22	28
	Sworn assistant inspectors	...	...	...	21	17	18	12
North	Sworn inspectors	10	10	8	13	13	13	13
	Sworn assistant inspectors	0	2	2	8	8	8	8
North-West	Sworn inspectors	...	...	...	16	16	17	///
	Sworn assistant inspectors	...	...	...	9	9	9	///
West	Sworn inspectors	10	11	10	19	20	18	23
	Sworn assistant inspectors	11	11	12	16	15	15	12
South	Sworn inspectors	6	9	20	18	16	17	10
	Sworn assistant inspectors	3	4	10	12	12	12	09
South-West	Sworn inspectors	...	...	...	...	...	...	///
	Sworn assistant inspectors	...	...	...	...	...	...	///
All	Sworn inspectors	///	///	///	///	///	///	///
	Sworn assistant inspectors	///	///	///	///	///	///	///

Source: MINMIDT/Regional Delegations

Table 47: Number of pressure vessels by Region

Nature / type of vessel		2015	2016	2017	2018	2019	2020	2021
ADAMAWA								
Air	Stationary	1	1	6	6	6	6	13
	Semi-fix	34	38	38	33	43	41	45
	Mobile	6	74	74	502	515	515	515
Industrial gas	Stationary	114	125	131	137	133	136	136
	Semi-fix	0	0	0	0	10	10	10
	Mobile	0	0	0	0	0	0	00
Steam	Stationary	1	1	1	1	1	1	01
	Semi-fix	0	0	0	0	0	0	00
	Mobile	0	0	0	0	0	0	00
Centre								
Air	Stationary	...	...	...	...	...	...	89
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...
Industrial gas	Stationary	...	...	...	...	...	...
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...
Steam	Stationary	...	...	...	...	...	...	11
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...
East								
Air	Stationary	108	114	117	117	124	130	130
	Semi-fix	...	...	...	...	...	...	0
	Mobile	...	...	...	...	...	...	0
Industrial gas	Stationary	...	...	...	...	...	...	0
	Semi-fix	...	...	...	...	...	...	0
	Mobile	...	...	...	...	...	...	52
Steam	Stationary	13	14	16	16	17	18	20
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...
Far North								
Air	Stationary	108	114	117	117	124	130	
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...
Industrial gas	Stationary	...	...	...	...	...	...
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...
Steam	Stationary	13	14	16	16	17	18	
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...
Littoral								
Air	Stationary	...	...	43,987	4,500	3,608	...	2117
	Semi-fix	...	...				...
	Mobile	...	...				...
Industrial gas	Stationary	...	...				...
	Semi-fix	...	...				...
	Mobile	...	...				...

Nature / type of vessel		2015	2016	2017	2018	2019	2020	2021
Steam	Stationary	...	...				...	144
	Semi-fix	...	...				...
	Mobile	...	...				...
North								
Air	Stationary	146	208	209	224	232	233	233
	Semi-fix	0	0	0	0	0	0	01
	Mobile	0	0	0	0	0	0	0
Industrial gas	Stationary	0	0	0	0	0	0	0
	Semi-fix	0	0	0	0	0	0	0
	Mobile	0	0	0	13	13	13	18
Steam	Stationary	13	24	24	24	24	24	24
	Semi-fix	0	0	0	0	0	0	0
	Mobile	0	0	0	0	0	0	0
North-West								
Air	Stationary	...	...	...	...	...	...
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...
Industrial gas	Stationary	...	...	...	...	...	...
	Semi-fix	0	0	0	0	0	0	
	Mobile	0	0	0	0	0	0	
Steam	Stationary	0	0	0	0	0	0	
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...
West								
Air	Stationary	21	105	114	112	118	124	98
	Semi-fix	10	10	12	12	12	12	/
	Mobile	1	1	3	2	3	3	137
Industrial gas	Stationary	0	0	0	0	0	0	/
	Semi-fix	0	0	0	0	0	0	/
	Mobile	0	0	0	0	0	0	/
Steam	Stationary	0	19	19	20	22	22	16
	Semi-fix	0	0	0	0	0	0	/
	Mobile	0	0	0	0	0	0	/
South								
Air	Stationary	7	7	7	7	7	7	00
	Semi-fix	0	0	0	0	0	0	00
	Mobile	68	68	76	77	82	82	183
Industrial gas	Stationary	...	...	...	...	...	...	30
	Semi-fix	...	...	...	...	...	...	00
	Mobile	...	...	...	...	...	...	00
Steam	Stationary	5	5	5	5	5	5	10
	Semi-fix	0	0	0	0	0	0	00
	Mobile	0	0	0	0	0	0	00
South West								
Air	Stationary				0	0	0	183
	Semi-fix							
	Mobile							
Industrial gas	Stationary				0	0	0	
	Semi-fix							
	Mobile							

Nature / type of vessel		2015	2016	2017	2018	2019	2020	2021
Steam	Stationary				0	0	0	
	Semi-fix							
	Mobile							
All								
Air	Stationary	///	///	///	///	///	///	4220
	Semi-fix	///	///	///	///	///	///	
	Mobile	///	///	///	///	///	///	
Industrial gas	Stationary	///	///	///	///	///	///	
	Semi-fix	///	///	///	///	///	///	
	Mobile	///	///	///	///	///	///	
Steam	Stationary	///	///	///	///	///	///	36
	Semi-fix	///	///	///	///	///	///	
	Mobile	///	///	///	///	///	///	

Source: MINMIDT/Regional Delegations

Table 48: Number of pressure vessels commissioned (excluding LPG gas cylinders) by region

Nature / type of vessel		2015	2016	2017	2018	2019	2020	2021
Adamawa								
Air		0	73	69	491	527	541	566
Industrial gas		0	0	0	0	17	41	135
Steam		0	0	0	0	1	1	1
Centre								
Air		...	...	...	...	...	...
Industrial gas		...	...	...	0	...	0	
Steam		...	...	...	0	10	0	
East								
Air		...	...	...	...	...	...
Industrial gas		...	...	...	...	...	...	4
Steam		...	...	...	...	...	...
Far North								
Air		...	...	...	...	...	...	39
Industrial gas		...	...	...	...	...	...
Steam		...	...	...	...	...	...	2

Nature / type of vessel	2015	2016	2017	2018	2019	2020	2021
Littoral							
Air	...	...	13788	4308	5666	7424	
Industrial gas	...	...			
Steam	...	...			
Nord							
Air	...	5	2	71	16	21	
Industrial gas	...	0	0	0	0	0	
Steam	...	0	0	0	0	0	
North-West							
Air	...	...	...	...	...	...
Industrial gas	0	0	0	0	0	0	
Steam	...	...	...	...	...	...
West							
Air	5	4	3	7	3	11	16
Industrial gas	0	0	0	0	0	0	
Steam	0	0	0	1	0	2	
South							
Air	...	...	...	...	...	...	0
Industrial gas	...	...	...	...	...	...	0
Steam	...	...	4	1	0	0	0
South-West							
Air	...	0	1	12	0	2	
Industrial gas	369	619	123	85	54	...	
Steam	...	1	...	2	2	...	

Source: MINMIDT/Regional Delegations

Table 49: Number of re-tested pressure vessels (excluding LPG gas cylinders)

Nature / type of device		2015	2016	2017	2018	2019	2020	2021
Adamawa								
Air	Stationary	0	0	0	0	0	7	7
	Semi-fix	0	4	0	0	19	26	26
	Mobile	0	69	69	491	508	508	508
Industrial gas	Stationary	0	0	0	0	7	31	31
	Semi-fix	0	0	0	0	10	10	0
	Mobile	0	0	0	0	0	0	0
Steam	Stationary	0	0	0	0	1	1	1
	Semi-fix	0	0	0	0	0	0	0
	Mobile	0	0	0	0	0	0	0
Centre								
Air	Stationary	...	...	...	...	...	...	63
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...
Industrial gas	Stationary	...	...	...	0	...	0	
	Semi-fix	...	...	...	0	...	0	
	Mobile	...	...	...	0	...	0	
Steam	Stationary	...	...	...	0	10	0	
	Semi-fix	...	...	...	0	0	0	
	Mobile	...	...	...	0	0	0	
East								
Air	Stationary	...	...	...	...	...	...	0
	Semi-fix	...	...	...	...	...	...	0
	Mobile	...	...	...	...	...	...	0
Industrial gas	Stationary	...	...	...	...	...	...	15
	Semi-fix	...	...	...	...	...	...	0
	Mobile	...	...	...	...	...	...	0
Steam	Stationary	...	...	...	...	...	...	0
	Semi-fix	...	...	...	...	...	...	0
	Mobile	...	...	...	...	...	...	0
Far North								
Air	Stationary	...	...	...	...	...	...	35
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...
Industrial gas	Stationary	...	...	...	...	...	...
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...
Steam	Stationary	...	...	...	...	...	...	02
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...
Littoral								
Air	Stationary	...	...	13,788	4308	5666	7424	3495
	Semi-fix	...	...			
	Mobile	...	...			
Industrial gas	Stationary	...	...			
	Semi-fix	...	...			
	Mobile	...	...			

Nature / type of device		2015	2016	2017	2018	2019	2020	2021
Steam	Stationary	...	...			
	Semi-fix	...	...			
	Mobile	...	...			
North								
Air	Stationary	...	5	2	71	16	21	0
	Semi-fix	...	0	0	0	0	0	0
	Mobile	...	0	0	0	0	0	0
Industrial gas	Stationary	...	0	0	0	0	0	0
	Semi-fix	...	0	0	0	0	0	0
	Mobile	...	0	0	0	0	0	05
Steam	Stationary	...	0	0	0	0	0	0
	Semi-fix	...	0	0	0	0	0	0
	Mobile	...	0	0	0	0	0	0
North-West								
Air	Stationary	...	...	...	...	...	...	...
	Semi-fix	...	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...	...
Industrial gas	Stationary	0	0	0	0	0	0	0
	Semi-fix	0	0	0	0	0	0	0
	Mobile	0	0	0	0	0	0	0
Steam	Stationary	...	...	...	...	...	...	...
	Semi-fix	...	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...	...
West								
Air	Stationary	5	4	3	7	3	11	/
	Semi-fix	0	0	0	0	0	0	/
	Mobile	0	0	0	0	0	0	05
Industrial gas	Stationary	0	0	0	0	0	0	/
	Semi-fix	0	0	0	0	0	0	/
	Mobile	0	0	0	0	0	0	/
Steam	Stationary	0	0	0	1	0	2	/
	Semi-fix	0	0	0	0	0	0	/
	Mobile	0	0	0	0	0	0	/
Sud								
Air	Stationary	...	...	...	...	...	...	00
	Semi-fix	...	...	...	...	...	...	00
	Mobile	...	...	...	...	...	...	02
Industrial gas	Stationary	...	...	...	...	...	...	00
	Semi-fix	...	...	...	...	...	...	00
	Mobile	...	...	...	...	...	...	00
Steam	Stationary	...	...	3	1	...	...	00
	Semi-fix	...	...	...	...	...	...	00
	Mobile	...	...	1	...	...	...	00
South-West								
Air	Stationary	...	...	1	12	0	2	
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...
Industrial gas	Stationary	369	619	123	85	54		
	Semi-fix	...	...	...	...	...	...
Steam	Stationary	...	1		2	2		
	Semi-fix	...	...	...	...	...	...
	Mobile	...	...	...	...	...	...

Source: MINMIDT, Regional Delegations

Table 50: Number of LPG gas cylinders commissioned

.	2015	2016	2017	2018	2019	2020	2021
Adamawa	685	696	784	745	743	10233	11602
Centre	...	...	...	...	...	...	/
East	...	...	...	0	0	0	0
Far North	...	...	...	...	...	...	/
Littoral	...	...	...	...	...	...	/
Nord	0	0	0	0	0	0	/
North-West	0	0	0	0	0	0	/
West	0	0	0	0	0	0	/
South	...	...	...	...	...	...	00
South-West	...	...	...	0	10000	0	/

Source: MINMIDT, Regional Delegations

Table 51: Number of re-tested LPG gas cylinders

.	2015	2016	2017	2018	2019	2020	2021
Adamawa	614	625	713	674	652	7,930	9362
Centre	...	...	...	8,086	13,869	8,311	500
East	...	...	...	...	...	1957	0
Far North	...	...	...	...	...	...	/
Littoral	...	...	500	0	31,129	36,922	25404
North	0	0	0	150	150	500	/
North-West	0	0	0	0	0	0	/
West	0	0	0	0	0	0	/
South	...	...	...	...	...	...	00
South-West	...	...	...	...	400	0	/
All	///	///	///	///	///	///	/

Source: MINMIDT/Regional Delegations

3.3 Revenue from the industry sector

Table 52: Revenue from gas pressure vessel tests/visits by region (in FCFA)

	Nature	2015	2016	2017	2018	2019	2020
Adamawa	Issued	172,000	289,000	341,000	1,851,400	1,839,000	...
	Recovered	159,000	341,100	289,000	1,224,280	1,735,000	266,600
Centre	Issued	...	...	318,600	4,393,200	26,198,100	15,332,200
	Recovered	...	...	316,600	...	...	...
East	Issued	...	...	...	50,000	400,000	320,000
	Recovered	...	...	...	50,000	400,000	320,000
Far-North	Issued	...	...	...	...	...	...
	Recovered	...	...	...	...	...	...
Littoral	Issued	...	...	...	...	...	...
	Recovered	...	...	...	...	...	...
North	Issued	0	0	0	0	0	0
	Recovered	0	0	0	0	0	0
North-West	Issued	...	...	...	...	...	...
	Recovered	...	...	...	...	...	...

	Nature	2015	2016	2017	2018	2019	2020
West	Issued	224,000	760,000	1,000,000	913,000	898,000	394,400
	Recovered	143,000	221,000	523,000	536,000	683,000	394,400
South	Issued	...	...	...	1,285,600	1,256,800	186,200
	Recovered	239,400	210,000	841,400	1,272,600	1,256,800	109,400
South-West	Issued	...	...	...	...	4,615,600	...
	Recovered	3,556,500	182,200	1,400,000	1,200,000	5,970,400	...

**In the Littoral region, no distinction is made between revenues from gas pressure vessels and steam pressure vessels. Thus the figures provided could not be presented in the desired form.*

Source: MINMIDT/DM, Regional Delegations

Table 53: Revenue from steam pressure vessel tests/visits per Region (in CFAF)

	Nature	2015	2016	2017	2018	2019	2020
Adamawa	Issued	0	0	0	0	0	0
	Recovered	0	0	0	0	0	0
Centre	Issued	...	...	50,000	0	134,000	0
	Recovered	...	...	...	///	...	///
East	Issued	...	...	...	...	...	...
	Recovered	...	...	...	...	...	...
Far-North	Issued	...	...	...	...	...	...
	Recovered	...	...	...	...	...	...
Littoral	Issued	...	...	...	...	...	...
	Recovered	...	...	...	...	...	...
North	Issued	0	0	0	0	0	0
	Recovered	0	0	0	0	0	0
North-West	Issued	...	...	...	...	...	...
	Recovered	...	...	...	...	...	...
West	Issued	...	...	360,000	360,000	306,000	...
	Recovered	...	...	153,000	414,000	306,000	153,000
South	Issued	...	...	...	200,000	13,000	0
	Recovered	...	...	...	200,000	13,000	0
South-West	Issued	...	...	...	...	...	...
	Recovered	...	...	...	...	...	...
All	Issued	///	///	///	///	///	///
	Recovered	///	///	///	///	///	///

Source: MINMIDT/DM, Regional Delegations

Table 54: Revenue from declaration/authorisation/approval fees per Region (in a thousand CFAF)

	Type of substance	2015	2016	2017	2018	2019	2020
Adamawa	Declarations	0	0	0	200	0	0
	Authorisations	...	...	...	8,800	2,300	2,400
	Agreements	0	0	0	0	1,200	0
Centre	Declarations	...	...	...	...	...	...
	Authorisations	...	...	...	...	...	...
	Agreements	...	...	...	...	...	...
East	Declarations	...	1,800	3,750	2,000	1,400	400
	Authorisations	...	...	...	...	500	1,000
	Agreements	...	...	...	...	...	300
Far-North	Declarations	...	...	...	...	...	...
	Authorisations	...	...	...	...	...	...
	Agreements	...	...	...	...	...	...
Littoral	Declarations	...	...	...	...	...	...
	Authorisations	...	...	...	...	...	...
	Agreements	...	...	...	...	...	...
North	Declarations	0	0	0	0	0	0
	Authorisations	0	0	0	0	0	0
	Agreements	0	0	0	0	0	0
North-West	Declarations	...	...	...	...	...	...
	Authorisations	...	...	...	...	...	...
	Agreements	...	...	...	...	...	...
West	Declarations	2,400	1,600	6,600	3,000	2 60	3200
	Authorisations	0	0	5 00	0	0	300
	Agreements	1,000	400	600	400	400	0
South	Declarations	400	400	1,000	200	600	0
	Authorisations	0	0	0	500	500	1000
	Agreements	0	0	0	0	0	0
South-West	Declarations	...	800	3,900	1,400	1 200 0	...
	Authorisations	...	...	...	...	...	...
	Agreements	...	...	300	300	1,000	300

Source: MINMIDT/Regional Delegations

Table 53: Revenues from inspections and controls of classified establishments for statements of amounts due (in CFAF)

	Nature	2015	2016	2017	2018	2019	2020
Adamawa	Issued	14,630,360	11,486,350	16,841,865	45,511,752	58,738,326	...
	Recovered	8,390,150	9,909,250	5,114,560	31,512,999	43,985,701	...
Centre	Issued	155,575,180	199,044,367	174,217,520	299,903,308	322,394,577	22,548,090
	Recovered	25,367,715	89,047,494	62,640,332	86,430,382	212,514,350	137,616,472
East	Issued	...	68,631,199	73,491,654	52,627,420	81,124,795	63,588,310
	Recovered	...	68,631,199	73,491,654	52,627,420	81,124,795	51,286,310
Far-North	Issued	13,200,520	26,119,800	35,633,689	45,421,120	48,389,350	...
	Recovered	...	...	4,089,910	11,058,490		...
Littoral	Issued	...	...	...	...	...	...
	Recovered	...	...	...	...	...	...
North	Issued	0	0	0	0	0	0
	Recovered	0	0	0	0	0	0
North-West	Issued	...	...	...	...	...	...
	Recovered	...	...	...	...	...	...
West	Issued	27,376,507	27,889,771	60,955,588	9,352,606	59,032,756	1,377,958
	Recovered	26,152,962	22,045,560	39,703,920	29,299,835	36,096,692	44,318,958
South	Issued	...	...	...	58,534,430	45,959,935	-
	Recovered	9,078,355	20,719,140	29,047,045	34,622,270	40,737,815	14,892,245
South-West	Issued	...	...	58,387,730		91,726,490	-
	Recovered	...	9,908,580	27,617,245	50,779,605	83,323,525	6,298,640

Source: MINMIDT, DI, Regional Delegations

Table 54: Revenue from inspections and controls of classified establishments for the statement of amounts due for pressure vessels (in CFAF)

	Nature	2015	2016	2017	2018	2019	2020
Adamawa	Issued	172,000	289,000	341,000	1,851,400	1,839,000	-
	Recovered	159,000	341,100	289,000	1,224,280	1,735,000	266,600
Centre	Issued	///	///	8,247,200	11,439,400	14,077,200	636,900
	Recovered	///	///	...	...	...	...
East	Issued	...	1,994,600	2,351,000	2,075,200	2,967,200	1,359,200
	Recovered	...	1,994,600	2,351,000	2,075,200	2,967,200	1,359,200
Far-North	Issued	397,300	936,600	923,600	909,400	1,060,600	...
	Recovered	...	...	100,800	...	...	...
Littoral	Issued	...	...	...	...	...	...
	Recovered	...	...	...	...	...	...
North	Issued	0	0	0	0	0	0
	Recovered	0	0	0	0	0	0
North-West	Issued	...	...	...	...	...	...
	Recovered	...	...	...	...	...	...
West	Issued	1,163,500	2,151,800	5,148,200	5,039,600	8,020,600	117,000
	Recovered	182,000	536,000	777,800	3,221,800	3,118,200	1,727,000
South	Issued	...	...	...	3,207,800	2,721,300	-
	Recovered	...	...	...	3,223,595	2,189,300	1,498,200
South-West	Issued	...	...	8,198,800	2,457,800	4,348,600	864,200
	Recovered	...	...	...	8,514,300	...	...

Source: MINMIDT, DI, Regional Delegations

CHAPITRE IV
VALORIZATION OF INVENTIONS AND
TECHNOLOGICAL INNOVATIONS

4.1 Technology Promotion

Table 55: *Percentage of new technologies valorised per field of activity*

Field of activity	2015			2016			2017			2018			2019			2020		
	Total number.	Number valorised	Percentage of technologies valorised	Total number.	Number valorised (	Percentage of technologies valorised	Total number.	Number valorised (	Percentage of technologies valorised	Total number.	Number valorised (	Percentage of technologies valorised	Total number.	Number valorised (	Percentage of technologies valorised	Total number.	Number valorised (	Percentage of technologies valorised
Common living needs	1	0	0	...	...	///	3	1	33.3	...	...	///	...	...	///	1	0	0
Industrial techniques	0	0	///	0	0	///	0	0	///	0	0	///	0	0	0	0	0	///
Transport																		
Chemicals; Metallurgy	0	0	///	0	0	///	0	0	///	0	0	///	0	0	///	1	0	0
Textiles; Paper	0	0	///	0	0	///	0	0	///	0	0	///	0	0	///	0	0	///
Permanent constructions	0	0	///	0	0	///	0	0	///	0	0	///	0	0	///	0	0	///
Mechanics; Lighting; Heating; Weaponry; Blasting	0	0	///	0	0	///	0	0	///	0	0	///	0	0	///	0	0	///
Physics	0	0	///	0	0	///	1	0	0	0	0	///	0	0	///	0	0	///
Electricity	1	0	0	0	0	///	0	0	0	0	0	///	0	0	/	0	0	///
All	2	0	0	///	//	///	4	1	25	///	///	///	///	///	///	2	0	0

Source : MINMIDT/DDTPI

Table 56: Number of technologies supported for prototyping by MINMIDT according to international patent classification since 2015

Field of activity	2015	2016	2017	2018	2019	2020
Common living needs	1	0	3	0	0	1
Industrial techniques Transport	0	0	0	0	0	0
Chemicals; Metallurgy	0	0	0	0	0	1
Textiles; Paper	0	0	0	0	0	0
Permanent constructions	0	0	0	0	0	0
Mechanics; Lighting; Heating; Weaponry; Blasting	0	0	0	0	0	0
Physics	0	0	1	0	0	0
Electricity	1	0	0	0	0	0
All	2	0	4	0	0	2

Source: MINMIDT/DDTPI

Table 57: Amount of funding requested and mobilized for the production or implementation of prototypes (in a thousand)

Field of activity		2015	2016	2017	2018	2019	2020
Common living needs	Amount requested	0	0	0	0	0	0
	Amount allocated by MINMIDT	0	0	0	0	0	0
Industrial techniques Transport	Amount requested	50,000	0	75,000	0	0	50,000
	Amount allocated by MINMIDT	30,000	0	30,000	0	0	15,000
Chemicals; Metallurgy	Amount requested	0	0	0	0	0	50,000
	Amount allocated by MINMIDT	0	0	0	0	0	15,000
Textiles; Paper	Amount requested	0	0	0	0	0	0
	Amount allocated by MINMIDT	0	0	0	0	0	0
Permanent constructions	Amount requested	0	0	0	0	0	0
	Amount allocated by MINMIDT	0	0	0	0	0	0

Field of activity		2015	2016	2017	2018	2019	2020
Mechanics; Lighting; Heating; Weaponry; Blasting	Amount requested	0	0	0	0	0	0
	Amount allocated by MINMIDT	0	0	0	0	0	0
	Amount requested	0	0	25,000	0	0	0
Physics	Amount allocated by MINMIDT	0	0	10,000	0	0	0
Electricity	Amount requested	50,000	0		0	0	0
	Amount allocated by MINMIDT	30,000	0		0	0	0
Physics	Amount requested	100,000	0	100,000	0	0	100,000
	Amount allocated by MINMIDT	60,000	0	40,000	0	0	30,000

Source: MINMIDT/DDTPI

Table 58: Number of prototypes put into production or used per field of activity

Field of activity	2015	2016	2017	2018	2019	2020
Common living needs	0	0	0	0	0	0
Industrial techniques Transport	0	0	0	0	0	0
Chemicals; Metallurgy	0	0	0	0	0	0
Textiles; Paper	0	0	0	0	0	0
Permanent constructions	0	0	0	0	0	0
Mechanics; Lighting; Heating; Weaponry; Blasting	0	0	0	0	0	0
Physics	0	0	1	0	0	0
Electricity	0	0	0	0	0	0
All	0	0	1	0	0	0

Source: MINMIDT/DDTPI

Table 59: Number of technology development support structures installed

Description	2019	2020	2021
Technology and Innovation Support Centre (CATI) installed in Cameroon	0	0	3
FABLAB	0	0	0
All	0	0	3

Source: MINMIDT/DDTPI

Table 60: Number of technological infrastructures to be set up in Cameroon by 31 December 2021

Description	Number
Agro-industrial Technological parks	1
Industrial Technical Centre	0
All	1

Source: MINMIDT/DDTPI

Table 61: List of Technopoles set up (or in the process to be set up) since 2015

Year	Item
Since 2015	Ouassa-Babouté Agro-Industrial Technopole
Since 2016	Digital Technopole

Source: MINMIDT/DDTPI

4.2 Industrial Property

Table 62: List of Geographical Indications valorized as of 31 December 2022

Geographical Indications
Penja white pepper
Oku white honey

Source: MINMIDT/DDTPI

Table 63: Number of patent applications subsidised by MINMIDT and transmitted to AIPO

2019	2020	2021
60	50	69

Source: MINMIDT/DDTPI

Table 64: Number of industrial property assets protected by type of asset

	2015	2016	2017	2018	2019	2020	2021
Trademarks protected	274	319	173	238	233	260	255
Industrial designs protected	26	40	25	24	26	21	24
Geographical indications protected	02	00	00	00	00	00	...
Trade names registered	120	99	207	199	55	166	171
Patents granted	29	38	15	21	24	34	43
Total	449	496	420	482	338	481	493

Source: MINMIDT/DDTPI

4.3 Revenue from industrial property

Table 67: Revenues from the registration of trade names (CFAF) per region

Region	2015	2016	2017	2018	2019	2020
Adamawa	0	0	0	0	0	0
Centre	...	...	...	...	...	...
East	0	0	0	0	0	0
Far North	...	...	...	...	...	...
Littoral	...	...	460.000	40.000	120.000	60.000
North	0	0	0	0	0	0
North West	0	0	0	0	0	0
West	0	0	20.000	90.000	140.000	110.000
South	0	0	0	0	0	0
South West	0	0	0	0	0	0

Source: MINMIDT/Regional Delegations

CHAPITRE V
CONTRIBUTION OF THE MINING, INDUSTRIAL AND
TECHNOLOGICAL DEVELOPMENT SUB-SECTOR TO
THE ECONOMY

5.1. Production Value

Table 68: Evolution of real production from 2015 to 2021 by branch of activity in the secondary sector in billions of CFA F

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Total extraction	1 083.2	1 034.2	854.7	826.6	885.0	880.4	858.6
Extraction of energy products	1 015.2	963.9	778.6	755.2	810.4	811.3	785.8
Other extractive activities	68.0	70.4	76.1	71.4	74.6	69.1	72.7
Total agro-industry	2 425.4	2 478.5	2 610.7	2 669.9	2 735.6	2 806.4	2 946.0
Meat and fish processing	505.1	505.9	533.3	547.6	578.1	601.1	611.1
Grain and starch products manufacturing	383.2	392.4	364.7	365.1	385.1	394.8	401.7
Cocoa, coffee, tea and sugar industry	174.5	187.7	229.4	231.7	243.5	250.7	259.7
Manufacture of fats and animal feeds	295.6	301.0	364.0	384.0	384.9	384.0	398.6
Manufacture of cereal products	349.9	339.5	349.9	357.8	376.1	394.1	417.8
Milk, fruit and vegetable and other food products industry	132.8	151.1	165.5	170.6	175.9	169.1	174.5
Beverage industry	584.2	600.9	603.9	613.0	592.1	612.6	682.6
Total other manufacturing	2 864.1	2 932.2	2 953.5	3 034.1	2 978.1	2 726.7	2 828.8
Tobacco industry	0.9	1.0	1.1	1.1	1.1	1.1	1.2
Textile and garment industries	580.9	591.1	590.3	622.0	651.9	667.3	691.7
Leather and footwear industries	55.7	59.4	61.6	64.1	72.0	73.7	78.8
Wood industries except furniture manufacturing	476.7	469.5	478.6	521.8	518.6	513.9	559.1
Manufacture of paper and paper products, printed	68.6	69.6	83.2	91.5	91.6	89.3	91.9
Petroleum refining, coking and nuclear industries	471.9	528.7	481.4	449.0	358.9	54.9	55.8

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Chemicals and chemical product manufacturing	186.6	193.6	188.6	194.8	209.2	205.5	200.7
Rubber production and article manufacturing	55.4	50.8	48.2	47.5	46.6	43.9	43.2
Other Non-Metallic Mineral Product Manufacturing	234.1	241.3	273.9	290.0	294.3	326.6	339.3
Manufacture of basic metals and fabricated metal products	468.6	449.8	456.5	447.3	423.2	426.6	437.7
Manufacture of machinery, electrical and mechanical equipment	18.6	19.4	19.0	18.7	19.0	18.6	21.4
Manufacture of audio-visual, medical, optical and clock equipment and apparatus	5.0	6.4	5.8	5.8	5.3	5.3	5.8
Manufacture of transport equipment	6.9	7.6	6.7	7.4	7.2	7.4	7.0
Manufacture of furniture, manufacturing activities n.o.c.	177.0	184.8	189.5	197.6	199.8	206.3	213.2
Repair and installation of professional machinery and equipment	56.9	59.1	69.0	75.4	79.4	86.3	82.1
Repair and installation of professional machinery and equipment n.o.c. Production and distribution of electricity and energy carriers	390.4	406.0	433.6	440.6	440.3	444.3	450.5
Manufacture and distribution of water and sewage	175.6	169.7	172.8	176.3	179.9	184.9	186.9
Construction	1 862.0	2 012.8	2 159.1	2 285.3	2 411.1	2 483.9	2 571.6
Total secondary	8 800.7	9 033.5	9 184.4	9 432.7	9 629.9	9 526.5	9 842.4
Total national production	27 772.3	28 744.9	29 493.1	30 549.5	31 434.1	31 163.9	32 395.7

Source: NIS/National accounts

Table 69: Real production growth rates from 2015 to 2021 by secondary industry

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Total extraction	30.1	-4.5	-17.4	-3.3	7.1	-0.5	-2.5
Extraction of energy products	31.2	-5.1	-19.2	-3.0	7.3	0.1	-3.1
Other extractive activities	15.5	3.5	8.1	-6.1	4.4	-7.4	5.3
Total agro-industries	2.6	2.2	5.3	2.3	2.5	2.6	5.0
Meat and fish processing	-1.3	0.2	5.4	2.7	5.6	4.0	1.7
Grain and starch products manufacturing	0.3	2.4	-7.1	0.1	5.5	2.5	1.8
Cocoa, coffee, tea and sugar industry	17.8	7.5	22.2	1.0	5.1	3.0	3.6
Manufacture of fats and animal feeds	4.9	1.8	20.9	5.5	0.2	-0.2	3.8
Manufacture of cereal products	5.9	-3.0	3.1	2.3	5.1	4.8	6.0
Milk, fruit and vegetable and other food products industry	-9.9	13.8	9.5	3.1	3.1	-3.8	3.2
Beverage industry	3.8	2.8	0.5	1.5	-3.4	3.5	11.4
Total other manufacturing	0.6	2.4	0.7	2.7	-1.8	-8.4	3.7
Tobacco industry	6.1	9.5	3.3	0.8	0.6	2.3	4.7
Textile and garment industries	7.6	1.7	-0.1	5.4	4.8	2.4	3.7
Leather and footwear industries	4.4	6.6	3.6	4.2	12.3	2.3	6.9
Wood industries except furniture manufacturing	14.3	-1.5	1.9	9.0	-0.6	-0.9	8.8
Manufacture of paper and paper products, printed	4.2	1.4	19.5	10.0	0.1	-2.5	3.0
Petroleum refining, coking and nuclear industries	-23.3	12.0	-9.0	-6.7	-20.1	-84.7	1.6
Chemicals and chemical product manufacturing	-4.4	3.8	-2.6	3.3	7.4	-1.7	-2.3
Rubber production and article manufacturing	-4.8	-8.3	-5.1	-1.4	-2.0	-5.9	-1.7

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Other Non-Metallic Mineral Product Manufacturing	24.2	3.1	13.5	5.9	1.5	11.0	3.9
Manufacture of basic metals and fabricated metal products	6.3	-4.0	1.5	-2.0	-5.4	0.8	2.6
Manufacture of machinery, electrical and mechanical equipment	4.5	3.9	-1.9	-1.5	1.4	-1.7	14.9
Manufacture of audio-visual, medical, optical and clock equipment and apparatus	6.0	28.1	-8.6	-1.3	-8.9	-0.1	9.6
Manufacture of transport equipment	-8.2	9.9	-11.5	10.3	-3.4	3.5	-5.9
Manufacture of furniture, manufacturing activities n.o.c.	6.2	4.4	2.5	4.3	1.1	3.2	3.4
Repair and installation of professional machinery and equipment	-24.9	3.9	16.7	9.3	5.2	8.8	-4.9
Repair and installation of professional machinery and equipment n.o.c.	1.8	4.0	6.8	1.6	-0.1	0.9	1.4
Production and distribution of electricity and energy carriers							
Manufacture and distribution of water and sewage	9.4	-3.4	1.9	2.0	2.0	2.8	1.1
Construction	5.6	8.1	7.3	5.8	5.5	3.0	3.5
Total secondary	5.4	2.6	1.7	2.7	2.1	-1.1	3.3
Total national production	4.3	3.5	2.6	3.6	2.9	-0.9	4.0

Source: NIS/National accounts

Table 70: Real value added from 2015 to 2021 by industry in the secondary sector

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Total extraction	725.13	698.74	576.37	560.52	605.45	618.60	603.13
Extraction of energy products	681.9	652.4	527.2	511.3	554.0	570.9	552.9
Other extractive activities	43.2	46.3	49.2	49.2	51.4	47.7	50.3
Total agro-industries	1 282.4	1 344.7	1 403.7	1 442.9	1 477.7	1 513.3	1 589.8
Meat and fish processing	267.6	276.7	291.7	299.4	317.2	331.5	336.9
Grain and starch products manufacturing	225.0	236.6	219.5	219.9	231.0	236.3	237.8
Cocoa, coffee, tea and sugar industry	77.2	85.0	104.7	105.6	110.8	105.4	110.5
Manufacture of fats and animal feeds	155.7	162.7	193.3	203.8	204.8	205.5	214.9

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Manufacture of cereal products	155.8	158.1	164.0	167.6	176.1	185.7	197.6
Milk, fruit and vegetable and other food products industry	87.1	100.6	105.7	118.7	122.3	118.0	122.7
Beverage industry	314.0	325.0	324.8	327.9	315.4	330.8	369.3
Other manufacturing industries	1 374.9	1 428.9	1 455.1	1 562.6	1 574.9	1 535.9	1 594.3
Tobacco industry	0.6	0.7	0.7	0.7	0.7	0.7	0.8
Textile and garment industries	388.1	396.1	397.6	418.4	438.3	453.1	466.8
Leather and footwear industries	33.2	35.1	36.4	38.9	43.7	44.9	49.5
Manufacture of wood, except furniture	288.1	290.6	298.0	333.6	333.2	332.1	359.3
Manufacture of paper and paper products, printed matter	34.2	36.3	40.9	44.8	45.1	44.9	46.7
Petroleum refining, coking and nuclear industries	88.6	106.0	91.7	117.0	97.1	15.0	15.3
Chemicals and chemical product manufacturing	86.5	93.9	93.6	99.0	108.7	107.8	105.2
Rubber production and article manufacturing	24.1	24.1	24.3	23.7	23.3	22.6	22.2
Other non-metallic mineral product manufacturing	109.1	110.7	125.7	133.4	136.2	152.1	158.2
Manufacture of basic metals and fabricated metal products	186.9	190.6	193.2	189.6	181.8	187.7	192.6
Manufacture of machinery, electrical and mechanical equipment	9.2	10.3	10.2	10.1	10.4	10.3	11.9
Manufacture of audio-visual, medical, optical and clock equipment and apparatus	3.3	4.2	3.9	3.8	3.5	3.5	3.8
Manufacture of transport equipment	2.7	3.2	2.8	3.1	3.0	3.1	2.9
Manufacture of furniture, manufacturing activities n.o.c.	91.0	96.8	100.2	106.5	107.7	111.6	115.7
Repair and installation of professional machinery and equipment	29.3	30.2	35.9	39.9	42.2	46.5	43.6
Repair and installation of professional machinery and equipment n.o.c. Production and distribution of electricity and energy carriers	191.9	208.6	223.2	225.5	225.5	227.7	230.9
Manufacture and distribution of water and sewage	129.3	126.5	129.7	132.9	135.2	139.1	141.1

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Construction	927.1	1 038.3	1 126.1	1 212.7	1 308.8	1 397.3	1 441.5
Total secondary	4 587.5	4 799.4	4 864.9	5 087.8	5 276.1	5 384.2	5 550.5
Total value added (all sectors)	17 659.1	18 403.7	19 040.1	19 857.2	20 540.6	20 683.8	21 462.7
Taxes net of subsidies	1511.7961	1634.893	1708.07 7	1715.2853	1781.1294	1700.2392	1738.6829
GDP	19169.1	20038.6	20748.2	21568.9	22318.4	22376.4	23193.1

Source: NIS/National accounts

Table 65: Real growth rate of value added per industry in the secondary sector

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Total extraction	15.4	-3.6	-17.5	-2.7	8.0	2.2	-2.5
Extraction of energy products	15.5	-4.3	-19.2	-3.0	8.4	3.0	-3.2
Other extractive activities	14.4	7.2	6.2	0.1	4.4	-7.1	5.3
Total agro-industries	2.0	4.9	4.4	2.8	2.4	2.4	5.1
Meat and fish processing	-2.4	3.4	5.4	2.7	5.9	4.5	1.6
Grain and starch products manufacturing	-1.8	5.2	-7.2	0.2	5.0	2.3	0.6
Cocoa, coffee, tea and sugar industry	19.4	10.0	23.2	0.9	4.9	-4.9	4.8
Manufacture of fats and animal feeds	2.1	4.5	18.8	5.4	0.5	0.4	4.6
Manufacture of cereal products	1.8	1.5	3.7	2.2	5.1	5.5	6.4
Milk, fruit and vegetable and other food products industry	-11.9	15.5	5.0	12.3	3.0	-3.5	4.0
Beverage industry	10.2	3.5	0.0	0.9	-3.8	4.9	11.7
Total other manufacturing	7.2	3.9	1.8	7.4	0.8	-2.5	3.8

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Tobacco industry	7.7	9.8	3.3	0.8	0.9	2.8	4.7
Textile and garment industries	7.9	2.1	0.4	5.2	4.8	3.4	3.0
Leather and footwear industries	3.8	5.5	3.7	6.9	12.3	2.7	10.3
Wood industries except furniture manufacturing	14.4	0.9	2.5	12.0	-0.1	-0.3	8.2
Manufacture of paper and paper products, printed	0.4	5.9	12.9	9.5	0.6	-0.4	4.1
Petroleum refining, coking and nuclear industries	-20.8	19.6	-13.5	27.6	-17.0	-84.5	1.6
Chemicals and chemical product manufacturing	5.6	8.7	-0.4	5.9	9.8	-0.9	-2.4
Rubber production and article manufacturing	-1.0	0.3	0.5	-2.5	-1.5	-3.2	-1.8
Other Non-Metallic Mineral Product Manufacturing	23.1	1.5	13.5	6.1	2.1	11.6	4.0
Manufacture of basic metals and fabricated metal products	19.7	2.0	1.4	-1.9	-4.1	3.3	2.6
Manufacture of machinery, electrical and mechanical equipment	8.8	12.0	-1.3	-0.7	2.3	-0.4	14.9
Manufacture of audio-visual, medical, optical and clock equipment and apparatus	5.1	29.0	-8.5	-2.1	-8.9	0.1	9.6
Manufacture of transport equipment	-2.4	19.8	-12.6	9.8	-3.5	4.4	-6.5
Manufacture of furniture, manufacturing activities n.e.c.	7.1	6.4	3.4	6.4	1.1	3.7	3.6
Repair and installation of professional machinery and equipment	-31.3	3.1	19.1	11.0	5.6	10.3	-6.3
Repair and installation of professional machinery and equipment n.e.c. Production and distribution of electricity and energy carriers	0.3	8.7	7.0	1.0	0.0	1.0	1.4
Manufacture and distribution of water and sewage	9.5	-2.2	2.6	2.5	1.8	2.9	1.4
Construction	5.7	12.0	8.5	7.7	7.9	6.8	3.2
Total secondary	6.3	4.6	1.4	4.6	3.7	2.0	3.1
Total value added (all sectors)	4.5	4.2	3.5	4.3	3.4	0.7	3.8
GDP	5.7	4.5	3.5	4.0	3.5	0.3	3.6

Source: NIS/National accounts

Table 66: Real value added as a percentage of real GDP per sub-sector of the secondary sector

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Extraction	0.04	0.03	0.03	0.03	0.03	0.03	0.03
Agro-industries	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Other manufacturing	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Production and distribution of electricity and energy carriers	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Water supply and sewerage	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Construction	0.05	0.05	0.05	0.06	0.06	0.06	0.06
Total secondary	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Source: NIS/National accounts

Table 67: Evolution of real final consumption from 2015 to 2021 per branch of activity in the secondary sector in billion CFA F

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Total extraction	37.4	27.3	33.0	39.9	46.8	50.2	52.7
Energy products	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other extractive products	37.4	27.3	33.0	39.9	46.8	50.2	52.7
Total agro-industries	3 177.3	3 254.6	3 445.5	3 562.7	3 647.3	3 715.5	3 794.4
Products of the meat and fish industry	833.2	863.0	833.6	878.2	884.5	914.7	914.1
Grain and starch products	510.3	501.8	534.1	556.4	593.1	567.5	568.3
Cocoa, coffee, tea and sugar products	152.6	149.9	182.5	188.7	194.3	191.5	168.1
Oilseeds and animal feed	281.9	282.3	342.9	362.6	370.6	370.8	414.9
Bread, Biscuits and Pasta	443.6	464.3	532.1	544.7	557.4	581.9	592.2
Dairy products; fruit and vegetable products and other food products	308.3	321.5	346.8	346.3	357.7	377.1	371.5
Beverages	647.6	671.7	673.5	685.9	689.7	711.8	765.4
Total other manufacturing	2 206.5	2 204.5	2 252.1	2 467.6	2 628.9	2 611.1	2 779.3
Tobacco products	20.8	25.5	25.0	23.9	21.7	25.4	23.7
Textile and clothing products	764.8	766.3	761.0	812.4	858.6	871.5	894.9
Tooled leather, travel goods and footwear	65.3	65.5	67.7	72.5	77.7	79.2	90.1
Woodworking products and articles of wood	29.2	10.5	10.7	11.1	11.6	11.9	13.0
Paper and paperboard; printed matter	97.2	97.4	105.5	117.7	120.0	124.4	136.5
Refinery, coking and nuclear products	315.2	333.3	361.1	420.8	499.1	449.5	466.9
Chemical products	378.0	338.2	362.0	406.4	409.8	410.9	476.9
Rubber and plastic products	39.5	36.8	37.6	45.2	45.7	49.7	49.1

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Other non-metallic mineral products and metals	98.0	87.8	89.8	103.9	114.1	120.4	135.0
Basic metal products and mechanical products	58.2	57.2	56.6	66.9	65.3	67.5	73.3
Machinery, electrical appliances and equipment	27.6	29.2	30.1	29.3	29.3	29.0	31.2
Audio-visual and communication equipment and apparatus	45.0	50.3	40.1	44.1	47.4	43.8	49.5
Transport equipment	87.9	121.4	112.5	108.7	110.7	102.6	104.9
Furniture, miscellaneous industrial products and	135.0	139.0	137.7	144.3	154.2	156.8	171.1
Repair and installation of professional machinery and equipment	44.8	46.0	54.8	60.3	63.7	68.4	63.1
Electricity and energy carriers	177.5	185.4	204.0	230.6	233.8	246.6	250.0
Collection, processing and distribution services	137.0	135.7	141.9	147.2	143.9	152.4	154.1
Construction work	4.3	7.4	7.5	8.1	8.6	8.8	8.6
Total secondary	5 740.0	5 814.9	6 084.1	6 456.1	6 709.2	6 784.6	7 039.1
Total national final consumption	16 212.1	16 616.1	17 284.6	18 156.7	18 885.4	18 956.4	19 743.2

Source: NIS/National accounts

5.2. Contribution to the Economy

Table 74: Contribution of secondary sector sub-sectors to real GDP growth

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Extraction	0.67	-0.12	-0.61	-0.09	0.32	0.10	-0.06
Agro-industries	0.14	0.35	0.29	0.19	0.15	0.17	0.33
Other manufacturing	0.48	0.32	0.13	0.51	0.00	-0.33	0.25
Production and distribution of electricity and energy carriers	0.00	0.09	0.07	0.01	0.00	0.01	0.01
Water supply and sewerage	0.06	-0.01	0.02	0.02	0.01	0.02	0.01
Construction	0.29	0.62	0.44	0.42	0.44	0.38	0.19
Total secondary	1.6	1.2	0.3	1.0	0.9	0.3	0.7

Source: NIS/National accounts

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Total extraction	<i>1 001.20</i>	<i>847.4</i>	<i>678.2</i>	<i>633.5</i>	<i>883.4</i>	<i>756.2</i>	<i>740.2</i>
Energy products	<i>1 001.00</i>	<i>834.8</i>	<i>665</i>	<i>621</i>	<i>874.1</i>	<i>747.2</i>	<i>727.6</i>
Other extractive products	<i>0.2</i>	<i>12.6</i>	<i>13.2</i>	<i>12.5</i>	<i>9.4</i>	<i>9</i>	<i>12.5</i>
Total agro-industries	<i>116.3</i>	<i>270.6</i>	<i>299.5</i>	<i>314.5</i>	<i>279.4</i>	<i>274.1</i>	<i>354.3</i>
Products of the meat and fish industry	<i>8.1</i>	<i>43.7</i>	<i>45.8</i>	<i>44.6</i>	<i>34.7</i>	<i>34.6</i>	<i>39.3</i>
Grain and starch products	<i>5.2</i>	<i>89.2</i>	<i>86.2</i>	<i>88.4</i>	<i>69.3</i>	<i>68.4</i>	<i>96.3</i>
Cocoa, coffee, tea and sugar products	<i>49.9</i>	<i>74.1</i>	<i>104.8</i>	<i>102.6</i>	<i>108</i>	<i>109.1</i>	<i>131</i>
Oilseeds and animal feed	<i>2.5</i>	<i>9.9</i>	<i>8.6</i>	<i>12.4</i>	<i>11</i>	<i>10.1</i>	<i>14.7</i>
Bread, Biscuits and Pasta	<i>14.7</i>	<i>15.5</i>	<i>16</i>	<i>15.5</i>	<i>14.7</i>	<i>12.7</i>	<i>21.4</i>
Dairy products; fruit and vegetable products and other food products	<i>21.6</i>	<i>23.4</i>	<i>24.8</i>	<i>23.5</i>	<i>22.3</i>	<i>21.7</i>	<i>26.8</i>
Beverages	<i>14.3</i>	<i>14.9</i>	<i>13.2</i>	<i>27.3</i>	<i>19.4</i>	<i>17.5</i>	<i>24.8</i>
Total other manufacturing	<i>764.3</i>	<i>723.9</i>	<i>727.4</i>	<i>764.8</i>	<i>744</i>	<i>609.1</i>	<i>662.3</i>
Tobacco products	<i>1.7</i>	<i>1.8</i>	<i>1.3</i>	<i>2.2</i>	<i>3</i>	<i>2.1</i>	<i>2.4</i>
Textile and clothing products	<i>70.5</i>	<i>60</i>	<i>61.1</i>	<i>62.1</i>	<i>57.6</i>	<i>50.9</i>	<i>58.7</i>
Tooled leather, travel goods and footwear	<i>51.7</i>	<i>47.2</i>	<i>46.7</i>	<i>46.5</i>	<i>50.7</i>	<i>40.5</i>	<i>40.3</i>
Woodworking products and articles of wood	<i>225.4</i>	<i>212.6</i>	<i>214</i>	<i>266.7</i>	<i>276.5</i>	<i>278.5</i>	<i>286.7</i>

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Paper and paperboard; printed matter	2.6	2.2	10.8	7.3	8.6	8.8	8.3
Refinery, coking and nuclear products	113.8	117.8	100.5	88	89.8	1	12.5
Chemical products	99.2	92.9	90	106.8	83.2	77.6	84.6
Rubber and plastic products	4.4	4.3	6.5	4	4.4	4.6	4.6
Other non-metallic mineral products and metals	30.6	33.1	33.4	34.5	29.5	26.5	32.4
Basic metal products and mechanical products	121.8	111.2	118.2	103.2	97.1	89.8	84.5
Machinery, electrical appliances and equipment	15.5	12.9	15.2	14.1	13.7	10.2	20.3
Audiovisual and communication equipment and apparatus	5.9	6.5	6.5	8.5	8.3	2	3.2
Transport equipment	19.4	18.6	20.4	18.3	19.2	13.8	21.5
Furniture, miscellaneous industrial products and	1.8	2.8	2.7	2.6	2.6	2.7	2.5
Repair and installation of professional machinery and equipment	0	0	0	0	0	0	0
Electricity and energy carriers	4.6	4.9	5.9	6.8	7.4	9.9	9.3
Collection, processing and distribution services	4.4	4.9	5.9	6.3	6.8	9	8.2
Construction work	1.1	0.8	5.1	4.8	5.2	5.4	28
Total secondary	1 891.80	1 852.50	1 722.00	1 730.50	1 926.30	1 663.80	1 802.40
Total national final consumption	3 695.40	3 797.30	3 737.70	3 817.20	4 245.60	3 635.90	3 760.90

Source: NIS/National accounts

5.3. External trade in the sub-sector's products

Table 75: Volume of exports from 2015 to 2021 by branch of activity in the secondary sector in billion CFA francs

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Total extraction	1 001.2	847.4	678.2	633.5	883.4	756.2	740.2
Energy products	1 001.0	834.8	665.0	621.0	874.1	747.2	727.6
Other extractive products	0.2	12.6	13.2	12.5	9.4	9.0	12.5
Total agro-industries	116.3	270.6	299.5	314.5	279.4	274.1	354.3
Products of the meat and fish industry	8.1	43.7	45.8	44.6	34.7	34.6	39.3
Grain and starch products	5.2	89.2	86.2	88.4	69.3	68.4	96.3
Cocoa, coffee, tea and sugar products	49.9	74.1	104.8	102.6	108.0	109.1	131.0
Oilseeds and animal feed	2.5	9.9	8.6	12.4	11.0	10.1	14.7
Bread, Biscuits and Pasta	14.7	15.5	16.0	15.5	14.7	12.7	21.4
Dairy products; fruit and vegetable products and other food products	21.6	23.4	24.8	23.5	22.3	21.7	26.8
Beverages	14.3	14.9	13.2	27.3	19.4	17.5	24.8
Total other manufacturing	764.3	723.9	727.4	764.8	744.0	609.1	662.3
Tobacco products	1.7	1.8	1.3	2.2	3.0	2.1	2.4
Textile and clothing products	70.5	60.0	61.1	62.1	57.6	50.9	58.7
Tooled leather, travel goods and footwear	51.7	47.2	46.7	46.5	50.7	40.5	40.3
Woodworking products and articles of wood	225.4	212.6	214.0	266.7	276.5	278.5	286.7
Paper and paperboard; printed matter	2.6	2.2	10.8	7.3	8.6	8.8	8.3
Refinery, coking and nuclear products	113.8	117.8	100.5	88.0	89.8	1.0	12.5
Chemical products	99.2	92.9	90.0	106.8	83.2	77.6	84.6
Rubber and plastic products	4.4	4.3	6.5	4.0	4.4	4.6	4.6

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Other non-metallic mineral products and metals	30.6	33.1	33.4	34.5	29.5	26.5	32.4
Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Basic metal products and mechanical engineering	121.8	111.2	118.2	103.2	97.1	89.8	84.5
Machinery, electrical appliances and equipment	15.5	12.9	15.2	14.1	13.7	10.2	20.3
Audiovisual and communication equipment and apparatus	5.9	6.5	6.5	8.5	8.3	2.0	3.2
Transport equipment	19.4	18.6	20.4	18.3	19.2	13.8	21.5
Furniture, miscellaneous industrial products and	1.8	2.8	2.7	2.6	2.6	2.7	2.5
Repair and installation of professional machinery and equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity and energy carriers	4.6	4.9	5.9	6.8	7.4	9.9	9.3
Collection, processing and distribution services	4.4	4.9	5.9	6.3	6.8	9.0	8.2
Construction work	1.1	0.8	5.1	4.8	5.2	5.4	28.0
Total secondary	1 891.8	1 852.5	1 722.0	1 730.5	1 926.3	1 663.8	1 802.4
Total national final consumption	3 695.4	3 797.3	3 737.7	3 817.2	4 245.6	3 635.9	3 760.9

Source: NIS/National accounts

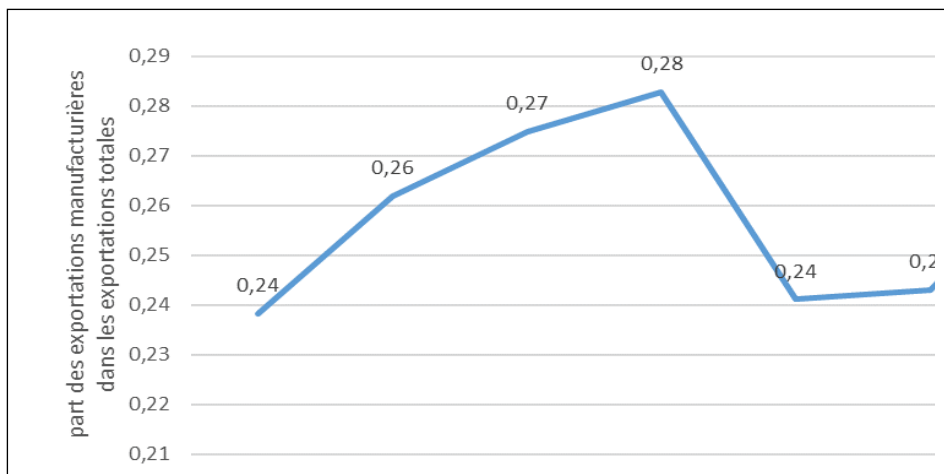
Table 68: Volume of imports from 2015 to 2021 by branch of activity in the secondary sector in billion CFAF

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Total extraction	415.9	382.9	217.9	182.0	242.9	20.7	21.1
Energy products	403.9	338.9	200.3	164.9	225.3	0.3	0.2
Other extractive products	12.0	44.0	17.6	17.0	17.7	20.3	20.8
Total agro-industries	601.7	614.6	645.6	632.2	680.4	614.2	686.6
Products of the meat and fish industry	164.9	181.7	142.3	175.1	149.1	153.3	147.8
Grain and starch products	190.3	175.2	205.7	165.0	240.3	164.3	205.4
Cocoa, coffee, tea and sugar products	24.0	35.0	56.8	45.5	41.4	49.2	50.5
Oilseeds and animal feed	40.4	42.8	61.3	62.0	62.1	47.9	92.6
Bread, Biscuits and Pasta	26.2	27.6	29.2	28.7	24.2	24.5	17.6
Dairy products; fruit and vegetable products and other food products	82.2	82.7	81.9	85.2	87.6	96.6	92.4
Beverages	73.7	69.5	68.3	70.7	75.6	78.5	80.3
Total other manufacturing	2 249.8	2 266.3	2 273.7	2 654.6	2 979.0	2 708.1	3 247.4
Tobacco products	10.0	9.6	9.4	9.1	8.7	10.0	9.1
Textile and clothing products	132.0	115.8	111.5	118.3	121.4	118.4	115.4
Tooled leather, travel goods and footwear	37.1	33.0	31.8	33.2	32.3	23.7	26.6
Woodworking products and articles of wood	2.1	6.4	6.6	6.6	9.7	7.4	9.7
Paper and paperboard; printed matter	88.1	80.4	74.7	68.5	70.3	75.0	77.1
Refinery, coking and nuclear products	250.7	232.6	336.6	593.2	849.4	824.0	815.2
Chemical products	398.6	358.9	405.8	457.4	464.0	390.2	558.6
Rubber and plastic products	95.5	103.0	92.2	97.8	104.8	117.0	133.9
Other non-metallic mineral products and metals	143.5	155.3	165.7	170.6	188.1	171.3	210.2

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Basic metal products and mechanical products	276.5	267.3	240.5	284.1	292.2	265.9	371.8
Machinery, electrical appliances and equipment	375.5	408.6	433.5	441.6	445.3	375.5	483.3
Audiovisual and communication equipment and apparatus	176.9	251.8	128.9	158.4	165.7	145.3	164.1
Transport equipment	238.0	218.2	212.9	190.8	199.2	158.0	236.8
Furniture, miscellaneous industrial products and	25.2	25.3	23.7	25.1	27.9	26.4	35.5
Repair and installation of professional machinery and equipment	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity and energy carriers	3.4	3.4	3.4	3.6	3.8	3.5	2.5
Collection, processing and distribution services	3.3	3.4	3.4	3.6	4.1	3.5	2.5
Construction work	57.2	61.9	61.6	69.1	72.5	37.3	20.1
Total secondary	3 331.3	3 332.5	3 205.7	3 545.0	3 982.8	3 387.2	3 980.1
Total domestic imports	4 301.8	4 346.1	4 293.7	4 657.3	5 186.2	4 301.9	4 896.1

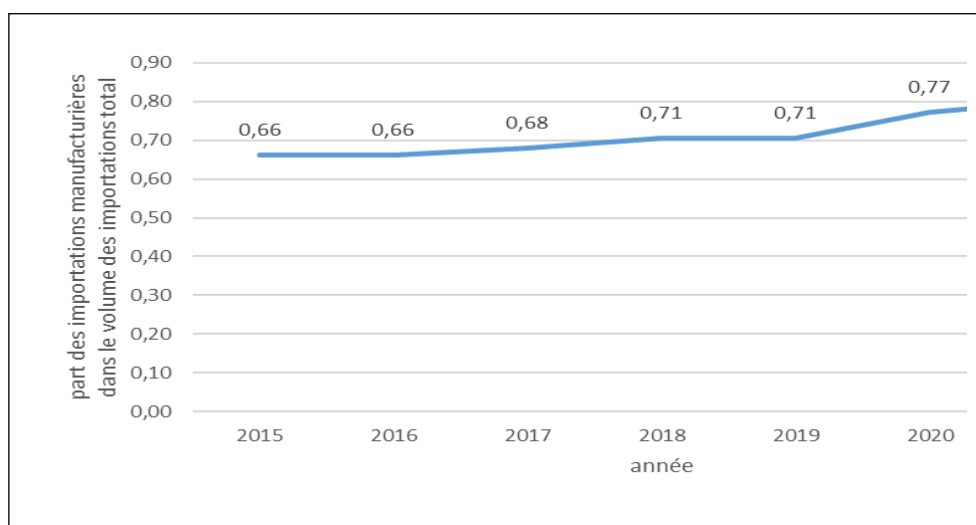
Source: NIS/National accounts

Graph 21: Evolution of the share of manufacturing exports in total exports



Source: NIS/National accounts

Graph 22: Evolution of the share of manufacturing imports in total imports



Source: NIS/National accounts

5.4. Business Typology and Financing of the Sub-Sector

Table 69: Distribution (number of employees) of industries by region and by sub-sector of the secondary sector between 2009 and 2015

Region	Extraction		Agro-industries		Other manufacturing		Electricity, gas, water and sewage		Construction		Total	
	2009	2016	2009	2016	2009	2016	2009	2016	2009	2016	2009	2016
Douala	18	29	212	640	3,319	8,715	52	74	281	366	3,882	9,824
Yaounde	5	15	179	495	2,810	6,637	25	64	229	397	3,248	7,608
Adamawa	0	0	35	119	172	887	2	7	15	12	224	1,025
Centre excluding Yaounde	0	2	24	89	133	790	33	4	10	44	200	929
East	3	0	8	70	75	859	8	8	11	6	105	943
Far-North	0	1	13	67	153	915	9	5	19	17	194	1,005
Littoral excluding Douala	2	14	29	142	123	967	18	11	10	11	182	1,145
North	0	1	113	176	264	1,031	23	6	39	21	439	1,235
North-West	1	0	33	218	1,006	2,479	11	6	32	61	1,083	2,764
West	1	0	75	241	1,227	2,408	8	13	26	75	1,337	2,737
South	0	3	13	60	198	769	3	9	6	16	220	857

Region	Extraction		Agro-industries		Other manufacturing		Electricity, gas, water and sewage		Construction		Total	
	2009	2016	2009	2016	2009	2016	2009	2016	2009	2016	2009	2016
South-West	0	5	33	247	976	1,935	3	13	28	73	1,040	2,273
TOTAL	30	70	767	2,564	10,456	28,392	195	220	706	1,099	12,154	32,345

Source: NIS, GBC 2009 & 2016

Table 78: Distribution of Cameroonian industries by size and by sub-sector of the secondary sector between 2009 and 2015

Sous-secteur	TPE		PE		ME		GE		TOTAL	
	2009	2016	2009	2016	2009	2016	2009	2016	2009	2016
Extraction	5	35	6	17	6	6	56	36	695	2,472
Food industry (including tobacco)	323	2029	244	366	72	41	77	71	10,227	27,959
Other manufacturing	8,981	23,895	970	3,793	199	200	11	6	74	189
Electricity, gas, water and sewerage	19	129	14	43	30	11	15	27	664	1,076
Construction	253	653	244	293	152	103	167	146	11,685	31,760
Total	9,581	26,741	1,478	4,512	459	361	8	6	25	64

Source: NIS, GBC 2009 & 2016

Table 79: Distribution of companies monitored from 2015 to 2021 by branch of activity in the secondary sector

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Total extraction	24	24	24	24	23	17	18
Energy products	17	17	17	17	16	11	10
Other extractive products	7	7	7	7	7	6	8
Total agro-industries	63	63	63	64	61	55	
Meat and fish industry	2	2	2	3	3	1	1
Grain and starch products	10	10	10	10	8	7	7
Cocoa, coffee, tea and sugar industry	10	10	10	10	9	8	9
Fat and animal feed industry	9	9	9	9	9	8	8
Manufacture of cereal products	16	16	16	16	16	16	16
Milk, fruit and vegetable and other food products industry	6	6	6	6	6	6	6
Beverage industry	10	10	10	10	10	9	9
Total other manufacturing	177	177	177	171	164	153	152
Tobacco industry							
Textile and garment industries	6	6	6	6	6	5	6
Leather and footwear industries	5	5	5	5	3	3	3
Wood industries except furniture manufacturing	22	22	22	22	22	21	20
Manufacture of paper and paper products, printed	24	24	24	24	24	22	22
Petroleum refining, coking and nuclear industries	2	2	2	2	2	3	2
Chemicals and chemical product manufacturing	26	26	26	26	28	29	29
Rubber production and article manufacturing	16	16	16	15	14	12	12
Other Non-Metallic Mineral Product Manufacturing	6	6	6	6	6	6	6
Manufacture of basic metals and fabricated metal products	30	30	30	29	29	28	28
Manufacture of machinery, electrical and mechanical equipment	9	9	9	5	5	5	5
Manufacture of audio-visual, medical, optical and clock equipment and apparatus							
Manufacture of transport equipment							
Manufacture of furniture, manufacturing activities n.o.c.	24	24	24	24	18	14	14

Branch of activity/year	2015	2016	2017	2018	2019	2020	2021
Repair and installation of professional machinery and equipment	7	7	7	7	7	5	5
Repair and installation of professional machinery and equipment n.o.c.	7	7	7	7	8	7	8
Production and distribution of electricity and energy carriers							
Manufacture and distribution of water and sewage	5	5	5	5	4	4	4
Construction	93	94	94	92	102	86	84
Total secondary	375.9	377.6	376.7	370.4	369.2	329.4	273.0
Total extraction	1259	1256	1256	1224	1191	1047	1046

Source: NIS, ECOFIN 2021

SOME CONCEPTS AND THEIR DEFINITIONS

Industrial risk: is defined as an accidental occurrence on an industrial site involving dangerous products and/or processes and leading to immediate serious consequences for staff, local residents, property and the environment.

Non-industrial mining licence: legal document that confers on its holder the exclusive right to carry out non-industrial mining within the assigned perimeter.

Non-industrial miner: a natural adult person, of Cameroonian nationality, involved in non-industrial mining activity on his own behalf and who is holder of a non-industrial miner's card.

Purchasing office: a company under Cameroonian law, approved and specialised in the purchase, import and export of precious or semi-precious stones and metals.

Quarry: Perimeter for the mining of building materials or industrial phosphates and nitrates, as well as related facilities.

Non-industrial quarry: Perimeter for the extraction of quarry material using manual and traditional methods and processes, not involving the use of explosives.

Mining agreement: a partnership contract between the State and an exploration permit holder, laying down conditions for developing and mining a newly discovered mineral deposit, including site closure and restoration operations.

Value-based royalty: ad valorem tax levied on mining substances and the extraction tax on quarry material.

Classified establishment: is an establishment which presents or may present either dangers to health, safety, public health, agriculture, nature and the environment in general, or inconveniences for the convenience of the neighbourhood.

1st class establishments: are those whose operation can only be authorised on condition that measures are taken to prevent the hazards or inconveniences.

2nd class establishments: are those which do not present significant dangers and inconveniences for the interests, but are nevertheless subject to general prescriptions aimed at protecting such interests.

Non-industrial mining: mining operations which consist in extracting and concentrating mineral substances and obtaining marketable products through traditional methods and processes.

Semi-mechanised mining: operations carried out under a semi-mechanised non-industrial licence to mine precious and semi-precious substances with no more than three (3) excavators, a backhoe and any other instrument such as mineralised gravel or mineral concentrate washing machine, the use of chemicals whose processing is strictly prohibited

Industrial mining: mining based on the prior proof of the existence of a deposit that can be commercially mined, using the fixed facilities required for collecting minerals through industrial processes, in accordance with the standard rules.

Industry: is the set of economic activities intended to transform natural resources into semi-finished or finished products.

Establishments classified as industrial: are 1st class establishments

Trace: directly crosschecked and reliable information about mineralization in a given place.

Mineral ore: any potentially workable mineral substance in liquid, solid or gaseous form occurring naturally above or under the ground, excluding water and oil.

Mining royalty: an amount deducted during first sale and paid to the state or national sectoral institutions, in respect of the value of production on the mine.

Area-based royalty: annual amount paid by holders of mining titles, quarry licences and permits as well as permits for tap mineral for the area occupied by their activity.

Reserve: part of measured and indicated resources that can be economically mined under the market conditions prevailing at the time of valuation.

Proven mineral reserve: economically usable part of indicated, and in some cases, measured resources proven by a feasibility study.

Ad-valorem tax: amount due to the State or national sector institutions, in respect of the value of the production of mineral products and spring, mineral and thermo mineral waters, and geothermal deposits from a mine.

Extraction tax: amount due to the State or national sector institutions, in respect of the production value of commercial non-industrial quarry substances, semi-mechanised non-industrial quarries and industrial quarries.

Exploration permit: a legal document that confers on the holder the exclusive right to conduct exploration works within the perimeter of the permit.

Mining permit: a legal document that confers on the holder the exclusive right to conduct mining operations within the perimeter of the permit

Reconnaissance permit: a legal document which confers on its holder :

- the non-exclusive and non-transferable right to carry out reconnaissance operations within the reconnaissance perimeter;
- the right to enter the reconnaissance perimeter and to build facilities intended exclusively for reconnaissance work, subject to compliance with the land, forestry and property laws in force.

Mineral substance: Amorphous or crystalline solid, liquid or gaseous natural substances, as well as organic fossilised substances and geothermal deposits.

Quarry substance: building materials or industrial minerals extracted through excavation or other methods, with a view to supplying materials for building, commerce or industry.

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