STATISTICA MOLDOVEI

National Bureau of Statistics
of the Republic of Moldova

RESULTS OF THE SAMPLING STRUCTURAL SURVEY OF ENTERPRISES

2020

NATIONAL BUREAU OF STATISTICS OF THE REPUBLIC OF MOLDOVA

RESULTS OF THE STRUCTURAL
BUSINESS SURVEY

2020

Chişinău, 2021

PREFACE

Publication "Results of the structural survey in enterprises" is developed based on the results of structural business survey and presents the main indicators of business activity in the Republic of Moldova, including by types of activity, forms of ownership, size classes and regional aspect.

The Structural Business Survey (SBS) is a basic tool for the surveys of the enterprises and is carried out according to the requirements of the European Union Regulation (EC) No. 295/2008 "Concerning structural business statistics" and includes the following economic activities: extractive and manufacturing industry; electricity, gas and water supply; construction; trade; transportation; accommodation and food service activities; information and communications; other market services. Such activities as agriculture, public administration, financial activities and predominantly non-commercial services (education, health and social work activities) are not included.

The information is presented without the data on localities from the left side of the river Nistru and municipality Bender.

Abbreviations:

SBS – Structural Business Survey;

CFOJ – Classification of Organizational Legal Forms

CAEM 2 – Classification of Economic Activities in Moldova Rev.2 (NACE rev 2)

CUATM – Classification of Administrative-Territorial Units of Republic of Moldova

NUTS – Nomenclature of territorial statistical units of the Republic of Moldova

Symbols used:

- = event did not exist

0,0 = low value

Note:

In some cases, there may occur insignificant discrepancies between the totals and corresponding sums of the components, fact that could be explained by data approximation.

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METHODOLOGICAL NOTES

General objectives

The SBS reflects the results of business activity in 2020.

The SBS is a structural statistical sample survey of the enterprises engaged in an economic activity on the territory of the Republic of Moldova.

The structural questionnaire of the enterprises represents the major tool of statistical survey of their activity with the following purposes:

- provides information to characterize the productive and commercial system of enterprises in total at the level of national economy, including by types of activity, forms of ownership, size classes and the regional aspect;
- is an important source of data for the development of National Accounts at national and regional level;
- provides the necessary information for the update the Register of Statistical Units, which is subsequently used for statistical surveys.

The enterprise is the observation unit in the SBS.

The enterprise is defined as the smallest legally constituted unit, which has decision-making autonomy and is organized to carry out, at one or more places, one or more activities for the production of goods and services. Local units that belong to the enterprises are also surveyed by means of the structural questionnaires.

The classification of enterprises by types of activity was carried out in accordance with the Classification of Economic Activities in Moldova (CAEM-2).

The SBS includes: active enterprises in industry, electricity, gas and water supply; construction; trade; transportation; accommodation and food service activities; information and communications; other market services. In the survey were not included enterprises with the following main type of activity:

- agricultural activities;
- financial activities;
- public administration;
- education, health and social work activities;
- arts, entertainment and recreation.

The classification of enterprises according to the organizational-legal form was carried out in accordance with the Classification of Organizational Legal Forms of the Republic of Moldova (CFOJ). Non-commercial and budgetary organizations were not included in the survey.

The classification of the enterprises according to the form of ownership was carried out in accordance with the Classification of Forms of Ownership (CFP).

The enterprises on the left side of the Nistru and the municipality of Bender were not included in the survey.

Sampling frame

The general sampling frame for all statistical surveys for 2020 included 64,0 thousand statistical units. After excluding from the sampling frame the enterprises, which are not subject of SBS survey, as well as enterprises that were not active for two consecutive years, the reference population for SBS 2020 was **37,2 thousand enterprises.**

Sample design

Sample for the SBS is a stratified sample with simple non-return casual selection. There are the following stratification criterias:

1. Economic activity - at the level of classes CAEM 2 (4 digits);

2. Size class - depending on the average number of employees, the size classes are determined: (0-4 employees, 5-9 employees, 10-19 employees, 20 and over employees).

The sampling frame was stratified according to the main type of activity at the level of class and size class of enterprises.

The enterprises in the survey database were classified into several types before calculating the sample volume:
1. Exhaustive survey (code 1);
2. Atypical (code 2);
3. Sample survey (code 3);
4. Exhaustive small layers (code 6);
5. Exhaustive layers with local units (code 7);

Exhaustive survey has been done:
• enterprises with an average number of employees 20 and more;
• small layers that have 5 or fewer statistical units;
• enterprises that reported for 2019 two or more local units;
• atypical enterprises (detected by the interquartile range method).

The survey of the rest of enterprises was sampling.

The final strata were created by crossing the following variables: economic activity + size class + type of enterprise according to the type variable.

The sampling at class level was chosen, with the layers formed at the intersection of economic activity at class level (4 signs) and size class (4 groups), interval interquartile range was the method of detecting atypical units and the coefficient of variation at the level of divisions not exceeding 3,5%.

The total sample size for SBS 2020 represented 13,4 thousand enterprises with a sampling rate[1] of 36%.

The table below shows the distribution of the sampled enterprises by the type of survey.

Distribution of the sample by type of survey

Type of enterprises in the survey	Number of enterprises	Share %	Nr. of layers
Enterprises with an average number of employees 20 and more (exhaustive)	3403	25,4	420
Small layers (exhaustive)	1173	8,8	484
Enterprises with two or more local units (exhaustive)	1292	9,7	469
Atypical enterprises (exhaustive)	2602	19,5	423
Enterprises with average number of employees up to 20 (selective)	4894	36,6	522
Total	**13364**	**100,0**	**2318**

Data collection
The questionnaire on the structural survey includes the following compartments:
• identification information;
• incomes;
• consumption and expenses;
• stocks;
• information about local units.

Data is collected directly from enterprises. The questionnaires were completed online (72,9% of the questionnaires) or submitted on paper to the territorial statistics units by the economic agents.

Data quality

For 2020 were collected 12,9 thousand questionnaires.
Several rules for data analysis and quality control have been applied:
- Mathematical data control;
- Logical data control;
- Comparison of data with other databases available in NBS;
- Comparing data with similar data in the financial statements;
- Setting maximum limits for certain indicators, for example, turnover, average number of employees, etc.

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[1] The sampling rate is calculated as the ratio of the total units surveyed to the total units in the sample base, expressed as a percentage.

Analysis of non-responses and coverage errors

The non-response share for ASA 2020 constituted 3,2%. Liquidated or in the process of liquidation enterprises were found in the data collection process. These were considered over-coverage errors, 112 enterprises that have established themselves as being outside the scope of the survey, due to the change of the main kind of activity or the organizational-legal form that is not the object of the survey, were also included in this category

The rest of the enterprises that were not found were treated as non-responses, assuming that there were no liquidated enterprises, in the process of liquidation or outside the scope of the survey.

Data accuracy

The accuracy of the data is measured by the coefficient of variation. The variables for which it was calculated are the turnover and the number of employees. Most of the coefficients of variation for the main indicators presented in the analytical tables are in the range 0 - 10%, which allows their publication.

The National Bureau of Statistics carried out the whole complex of works: elaboration of the statistical instruments, sample design, training of the necessary personnel for the development of the survey, as well as the data collection and processing.

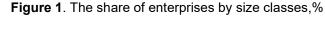# ACTIVITY OF SMALL AND MEDIUM ENTERPRISES IN 2020[2]

The development of small and medium enterprises are an important factor in ensuring the sustainable development of the country's economy. Thus, these enterprises ensure:
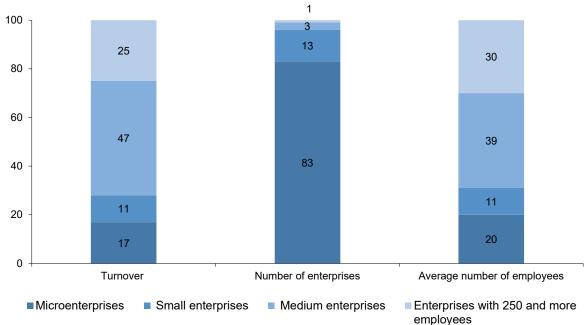• creating new jobs;
• producing a considerable share of production and services;
• expanding individual economic opportunities;
• low requirements by point of view of the institutional constitution, market operation;
• social stability.

Small and medium-sized enterprises (SMEs) are considered:
• micro-enterprises: up to 9 employees inclusive;
• small enterprises: from 10 to 49 employees inclusive;
• medium-sized enterprises: from 50 to 249 employees inclusive.

According to SBS 2020, SMEs represented 99,5% of all enterprises. The number of employees in the SME sector amounted to 269,6 thousand employees (69,9% of the total number of employees included in the survey). The turnover of the SME sector was 249,1 billion. MDL or 74,9% of the total turnover in the national economy.

Figure 1. The share of enterprises by size classes,%

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[2] The small and medium-sized enterprises sector is assigned to enterprises with an average annual number of up to 250 employees (art. 4.5 of the Law on Small and Medium-sized Enterprises no. 179/2016).

ACTIVITY OF ENTERPRISES IN REGIONAL PROFILE IN 2020[3]

The sub-national disaggregation of statistical information on business activity is necessary to track the sustainable regional development.

The 2020 SBS data and the 2020 annual financial reports on similar economic indicators (turnover and the average number of employees) were used to produce statistical information on business activity at the regional level.
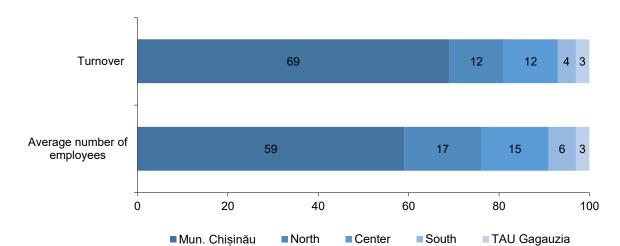
Figure 2. Structure of the main economic indicators by development regions,%

Turnover: Mun. Chișinău 69, North 12, Center 12, South 4, TAU Gagauzia 3

Average number of employees: Mun. Chișinău 59, North 17, Center 15, South 6, TAU Gagauzia 3

■ Mun. Chișinău ■ North ■ Center ■ South ■ TAU Gagauzia

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[3] Regional profile data are prepared in accordance with the Nomenclature of territorial units of statistics of the Republic of Moldova. The calculations are elaborated based on the data of the local units of the enterprises from ASA and the data from the financial statements according to the Methodology for calculating the statistical data regarding the activity of the enterprises in territorial aspect

1. Principalii indicatori economici pe clase de mărime a întreprinderilor
Main indicators of the enterprises by the size class of the enterprises

	Total	după numărul salariaţilor / *by size class*				
		0-9 salariaţi *employees*	10-19 salariaţi *employees*	20-49 salariaţi *employees*	50-249 salariaţi *employees*	250 şi peste *and more employees*
Numărul întreprinderilor, unităţi *Number of enterprises, unit*	**37 228**	31 118	3 085	1 916	941	168
Numărul mediu de salariaţi, mii persoane *Average number of employees, thous. persons*	**385,8**	77,7	40,7	56,8	94,3	116,3
Cifra de afaceri, mil. lei *Turnover, mio. lei*	**332 607,6**	55 165,7	37 676,6	50 138,5	106 077,0	83 549,8
în medie pe o întreprindere, mii lei *turnover, in average per nterprise, thou.lei*	**8 934,3**	1 772,8	12 212,8	26 168,3	112 727,9	497 320,2
în medie pe un salariat, mii lei *turnover in average per employee, thou.lei*	**862,1**	709,2	926,5	882,2	1 125,3	718,6
Valoarea producţiei (lucrări şi servicii), mil. lei *Production value, mio. lei*	**173 118,3**	26 813,1	16 520,1	25 233,3	51 769,7	52 782,1

2. Structura principalilor indicatori economici pe clase de mărime a întreprinderilor
Structure of the main indicators of the enterprises by the size class of the enterprises

procente / *percentage*

	Numărul întreprinderilor *Number of enterprises*	Numărul mediu de salariaţi *Average number of employees*	Cifra de afaceri *Turnover*	Valoarea producţiei (lucrări şi servicii) *Production value*
Total	**100,0**	**100,0**	**100,0**	**100,0**
din care:/ *of which:*				
0 - 9 salariaţi / *0 - 9 employees*	83,6	20,2	16,6	15,5
10 - 19 salariaţi / *10 - 19 employees*	8,3	10,5	11,3	9,5
20 - 49 salariaţi / *20 - 49 employees*	5,1	14,7	15,1	14,6
50 - 99 salariaţi / *50 - 99 employees*	1,6	10,4	14,2	11,7
100 - 249 salariaţi / *100 - 249 employees*	0,9	14,1	17,7	18,2
250 - 500 salariaţi / *250 - 500 employees*	0,3	8,2	8,8	9,2
peste 500 salariaţi *and more then 500 employees*	0,2	21,9	16,3	21,3

3. Indicatorii principali realizaţi de întreprinderi pe tipuri de activităţi
Main indicators of the enterprises by the main kind of activity

	Numărul întreprinderilor, unităţi *Number of enterprises, unit*	Numărul mediu de salariaţi, mii persoane *Average number of employees, thous. persons*	Cifra de afaceri, mil. lei *Turnover, mio lei*	Valoarea producţiei (lucrări şi servicii), mil. lei *Production value, mio.lei*
Total	**37 228**	**385,8**	**332 607,6**	**173 118,3**
din care: / *of which:*				
Industria extractivă *Mining and quarrying*	132	2,3	1 131,8	1 112,8
Industria prelucrătoare *Manufacturing*	3 802	102,3	57 174,5	52 910,1
Producţia şi furnizarea de energie electrica şi termică, gaze, apă caldă şi aer condiţionat *Electricity, gas,steam and air conditioning supply*	69	11,0	21 608,2	8 934,9
Distribuţia apei; salubritate, gestionarea deşeurilor, activităţi de decontaminare *Water supply, sewerage, waste management*	431	8,2	3 203,0	3 274,3
Construcţii / *Строительство*	2 595	30,7	23 926,4	24 650,9
Comerţul cu ridicata şi cu amănuntul *Wholesale and retail trade*	15 679	114,3	180 433,2	38 883,9
Transport şi depozitare *Transportation and storage*	2 450	40,5	15 079,0	14 215,2
Activităţi de cazare şi alimentaţie publică *Accommodation and food service activities*	1 499	12,5	2 433,2	2 251,9
Informaţii şi comunicaţii *Information and communication*	1 805	20,4	13 587,2	12 812,0
Tranzacţii imobiliare *Real estate activities*	2 889	13,0	5 446,8	5 327,6
Activităţi profesionale, ştiinţifice şi tehnice *Professional, scientific and technical activities*	3 481	11,0	4 040,6	4 189,3
Activităţi de servicii administrative şi activităţi de suport *Administrative and support service activities*	1 408	16,1	4 022,9	4 079,7
Alte activităţi de servicii *Other service activities*	988	3,5	520,8	475,7

4. Structura indicatorilor principali realizaţi de întreprinderi pe tipuri de activităţi
Structure of the main indicators of the enterprises by the main kind of activity

procente / *percentage*

	Numărul întreprinderilor , unităţi *Number of enterprises, unit*	Numărul mediu de salariaţi, persoane *Average number of employees, person*	Cifra de afaceri, mil. lei *Turnover, mio lei*	Valoarea producţiei (lucrări şi servicii), mil. lei *Production value, mio.lei*
Total	**100,0**	**100,0**	**100,0**	**100,0**
din care: / of which:				
Industria extractivă *Mining and quarrying*	0,4	0,6	0,3	0,6
Industria prelucrătoare *Manufacturing*	10,2	26,5	17,2	30,6
Producţia şi furnizarea de energie electrica şi termică, gaze, apă caldă şi aer condiţionat *Electricity, gas,steam and air conditioning supply*	0,2	2,8	6,5	5,2
Distribuţia apei; salubritate, gestionarea deşeurilor, activităţi de decontaminare *Water supply, sewerage, waste management*	1,2	2,1	1,0	1,9
Construcţii *Строительство*	7,0	8,0	7,2	14,2
Comerţul cu ridicata şi cu amănuntul *Wholesale and retail trade*	42,1	29,6	54,3	22,5
Transport şi depozitare *Transportation and storage*	6,6	10,5	4,5	8,2
Activităţi de cazare și alimentaţie publică *Accommodation and food service activities*	4,0	3,2	0,7	1,3
Informaţii şi comunicaţii *Information and communication*	4,8	5,3	4,1	7,4
Tranzacţii imobiliare *Real estate activities*	7,8	3,4	1,6	3,1
Activităţi profesionale, ştiinţifice şi tehnice *Professional, scientific and technical activities*	9,3	2,9	1,2	2,4
Activităţi de servicii administrative şi activităţi de suport *Administrative and support service activities*	3,8	4,2	1,2	2,3
Alte activităţi de servicii *Other service activities*	2,6	0,9	0,2	0,3

5. Cifra de afaceri realizată de ÎMM pe tipuri de activitate
Turnover of the SME by types of activity

mil. lei / mio lei

|	Total	din care: of which:		
		întreprinderi cu 0 - 9 salariati enterprises with 0 - 9 employees	întreprinderi cu 10 - 49 salariati *enterprises with* *10- 49 employees*	întreprinderi cu 50 - 249 salariati *enterprises with* *50 - 249* *employees*
Total	**249 057,8**	**55 165,7**	**87 815,1**	**106 077,0**
din care: / *of which:*				
Industria extractivă *Mining and quarrying*	1 131,8	105,7	413,8	612,3
Industria prelucrătoare *Manufacturing*	33 476,7	2 470,4	10 861,6	20 144,7
Producţia şi furnizarea de energie electrica şi termică, gaze, apă caldă şi aer condiţionat *Electricity, gas,steam and air conditioning supply*	11 148,3	486,8	4 095,2	6 566,3
Distribuţia apei; salubritate, gestionarea deşeurilor, activităţi de decontaminare *Water supply, sewerage, waste management*	2 416,0	281,4	327,1	1 807,5
Construcţii *Строительство*	21 755,4	3 863,9	8 313,9	9 577,6
Comerţul cu ridicata şi cu amănuntul *Wholesale and retail trade*	146 338,4	35 860,9	51 761,2	58 716,3
Transport şi depozitare *Transportation and storage*	11 317,9	3 712,0	4 547,4	3 058,5
Activităţi de cazare și alimentaţie publică *Accommodation and food service activities*	2 087,7	394,7	1 029,7	663,3
Informaţii şi comunicaţii *Information and communication*	6 438,1	1 624,3	2 074,8	2 739,0
Tranzacţii imobiliare *Real estate activities*	5 410,8	2 796,4	2 046,5	567,9
Activităţi profesionale, ştiinţifice şi tehnice *Professional, scientific and technical activities*	4 040,6	2 130,0	1 307,8	602,8
Activităţi de servicii administrative şi activităţi de suport *Administrative and support service activities*	2 975,3	1 144,2	880,8	950,3
Alte activităţi de servicii *Other service activities*	520,8	295,0	155,3	70,5
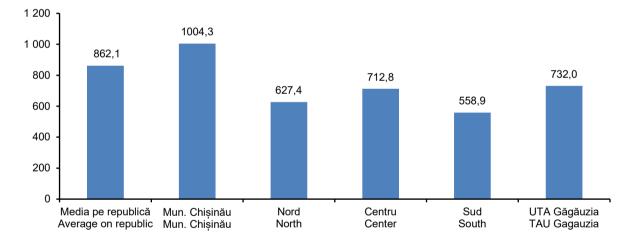
6. Principalii indicatori ai întreprinderilor pe regiuni de dezvoltare
The main indicators of enterprises by development regions

	Cifra de afaceri Turnover, mio. lei		Numărul mediu de salariați Average number of employees, persons		Cifra de afaceri pe un salariat Turnover per employee
	mil. lei *mio lei*	%	mii persoane *thous. persons*	%	mii. lei *thou.lei*
Total	**332 607,6**	**100,0**	**385,8**	**100,0**	**862,1**
din care: /of which:					
Mun. Chișinău *Mun. Chișinău*	229 617,0	69,0	228,6	59,3	1 004,3
Nord *North*	41 369,0	12,4	65,9	17,1	627,4
Centru *Center*	39 890,9	12,0	56,0	14,5	712,8
Sud *South*	13 233,8	4,0	23,7	6,1	558,9
UTA Găgăuzia *TAU Gagauzia*	8 496,9	2,6	11,6	3,0	732,0

7. Valoarea cifrei de afaceri pe un salariat în profil regional, mii lei
The value of turnover per employee in regional profile, thousand lei

8. Cifra de afaceri pe regiuni de dezvoltare şi clase de mărime
Turnover of enterprises by development regions and by the size class of the enterprises

mil. lei / mio lei

	Total	după numărul salariaţilor / *by size class*				
		0-9 salariaţi *employees*	10-19 salariaţi *employees*	20-49 salariaţi *employees*	50-249 salariaţi *employees*	250 şi peste *and more employees*
Total	**332 607,6**	**83 629,1**	**46 688,5**	**59 196,1**	**93 331,1**	**49 762,8**
din care: /of which:						
Mun. Chișinău *Mun. Chișinău*	229 617,0	53 481,7	33 864,0	40 257,6	64 110,7	37 903,0
Nord *North*	41 369,0	11 105,3	4 585,0	7 106,5	11 488,6	7 083,6
Centru *Center*	39 890,9	11 785,3	5 271,8	7 784,3	11 070,5	3 979,0
Sud *South*	13 233,8	4 183,8	1 961,1	2 578,7	4 261,5	248,7
UTA Găgăuzia *TAU Gagauzia*	8 496,9	3 073,0	1 006,6	1 469,0	2 399,8	548,5

9. Numărul mediu de salariaţi pe regiuni de dezvoltare şi clase de mărime
Average number of employees by development regions and by the size class of the enterprises

mii persoane/*thous. persons*

	Total	după numărul salariaţilor / *by size class*				
		0-9 salariaţi *employees*	10-19 salariaţi *employees*	20-49 salariaţi *employees*	50-249 salariaţi *employees*	250 şi peste *and more employees*
Total	**385,8**	**103,6**	**45,6**	**60,2**	**100,1**	**76,4**
din care: /of which:						
Mun. Chișinău *Mun. Chișinău*	228,6	60,7	26,8	37,0	55,6	48,6
Nord *North*	65,9	15,2	6,6	9,2	18,3	16,6
Centru *Center*	56,0	17,0	7,5	8,8	14,2	8,4
Sud *South*	23,7	7,1	3,2	3,6	8,4	1,4
UTA Găgăuzia *TAU Gagauzia*	11,6	3,6	1,4	1,6	3,5	1,5

10. Structura principalilor indicatori economici pe regiuni de dezvoltare,%
Structure of the main economic indicators by development regions