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ANALYSIS OF LABOR MARKET TRENDS IN SINGLE-INDUSTRY TOWNS IN KAZAKHSTAN

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ABSTRACT

Purpose of the research is to identify key trends and specifics of the formation of the labor market, as well as to develop recommendations for increasing employment in single-industry towns of industrial and raw materials type of the Republic of Kazakhstan.

Methodology. The following scientific methods are used in the work: statistical observation; comparative analysis; synthesis; grouping of statistical observation materials.

Originality / value of the research. The value of this study is to identify the key trends in the formation of the labor market in single-industry towns of the Republic of Kazakhstan, which made it possible to determine the directions of improving the sphere of employment and employment in these types of cities.

Findings. A study of the labor market in single-industry towns in Kazakhstan revealed a decrease in the population in these cities from 2017 to 2021. There is a decrease in the share of residents of single-industry towns in the total population of the country. The analysis showed that single-industry towns can be divided into four groups: large cities (Temirtau, Ekibastuz, Rudny), cities with a population of about 50-70 thousand people (Kantau, Balkhash, Zhanaozen, Kulsary, Aksu, Stepnogorsk), cities with a population of 20 to 50 thousand people (Khromtau, Tekeli, Aksai, Zhanatas, Karatau, Saran, Shakhtinsk, Abay, Arkalyk, Lisakovsk, Zhitikara, Altai), and a group of small single-industry towns (Kurchatov, Karazhal, Serebryansk). Temirtau, Ekibastuz and Rudny are the leaders in terms of the number of employed and unemployed and also have the largest population in the general sense. To ensure employment and sustainable development of single-industry towns in Kazakhstan, it is necessary to continue work on diversifying the economy, reducing dependence on prices for raw materials and developing small and medium-sized businesses. An important role is played by effective public administration in the development of single-industry towns and the digitalization of production.

Keywords: single-industry towns, employment, labor force, unemployment, labor market, industrial specialization.

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INTRODUCTION

The relevance of the study of the labor market and employment in single-industry towns of industrial and raw material type in the Republic of Kazakhstan is because there are 27 settlements with the status of «single-industry towns» in Kazakhstan, where about 1.5 million people or 16 % of the total urban population of the country live [1]. In the era of Soviet industrialization single-industry towns in Kazakhstan were created on the site of deposits, city-forming and processing enterprises.

In the territorial and spatial development of modern Kazakhstan, monotowns have become hotbeds of acute socio-economic problems, holding back the balanced sustainable development of the country. The main problems of single-industry towns are loss of competitiveness of the main industries, low quality of housing and

transport infrastructure, low wages and increased unemployment [1]. To improve the quality of life and solve the problems of employment in single-industry towns, the Republic of Kazakhstan has adopted special state programs [2; 3], some of which have already been completed, but the problems of these settlements remain unresolved.

There are attempts of the scientific community in the vision of the prospects of further development of single-industry towns. Kazakh scientists, in particular, a team of authors from the Institute of Economics of the Ministry of Education and Science of the Republic of Kazakhstan, having systematized the results of many years of research in the field of employment, specifics of the labor market in single-industry towns of Kazakhstan, published in 2014 a collective monograph «Mono-cities of Kazakhstan: methodological basis for assessing the state and directions of development» [4]. This work developed a methodological basis for assessing the economic profile and living standards of the population of single-industry towns and identified the specifics of employment and labor relations. This collective work of domestic scientists undoubtedly makes a great contribution to the development of theoretical-methodological and methodological foundations for the development of single-industry towns, but it is limited to statistical data on all single-industry towns of Kazakhstan, and we can point out the outdated data, which are presented for 2011.

Separately, it is worth noting a fairly significant contribution of Russian scientists in the development of the conceptual framework, specifics of employment and development of Russian single-industry towns. Thus, E. A. Efimova [5] considered the problems of town-forming enterprises in Russia and their impact on the labor market. It is interesting to note that the issues of monotown development have been actively discussed in the media and in the scientific community in Russia since 2009, according to the author E. A. Efimova's note, after the summer unrest in Pikalevo (Leningrad Oblast) and Baikalskoye (Irkutsk Oblast).

In Kazakhstan, similarly, the main impetus for the adoption of programs for the development of single-industry towns were centers of social unrest of the residents of Zhanaozen [6].

Attempts to solve social and economic problems of single-industry towns in the former post-Soviet countries have not been without studying the world experience in the support and development of cities and settlements. In particular, A. N. Glebova, V. N. Zelensky, and A. S. Lazareva made an attempt to work out the directions of modernization of Russian monotowns through the comparative analysis of international experience and Russian practice [7].

The problems of sustainable development of single-industry towns remain a separate block. In our opinion, it is the sustainable development of single-industry towns, which takes into account the balance of social, economic and environmental aspects of development, requires further research in this direction, because we can note the lack of scientific works, studies in the focus of achieving sustainability parameters in the development of single-industry towns.

For example, the works by A. I. Pyzhev, E. A. Syrtsova, R. V. Gordeev [8] is aimed at developing approaches to the assessment of sustainable development of single-industry towns, but it is limited to the specifics of Siberian single-industry towns of the Russian Federation.

Certainly, there are cases in the world of the practice of successful transformation of single-industry towns into developed industrial centers [9; 10].

A review of literary sources on the problems of single-industry towns' development, specifics of the labor market and employment in them [11; 12; 13] generally indicate insufficient theoretical and conceptual and methodological and practical elaboration of important issues: principles of organization of productive forces, employing diversification of economic structure and industries, development of small and medium business (SMB), creating attractive working and living conditions for young people, infrastructure development, social and cultural development level, as well as solving environmental problems

As we can see, the currently available programs for the development of single-industry towns in Kazakhstan, employment support programs – «Yenbek», Employment Road Map 2020 [14; 15] despite the declared purpose – sustainable socio-economic development of single-industry towns in the medium and long term – have not yet given their results.

The events of recent years in the country, against the background of the crisis development of the national economy and the unfavorable conjuncture of the world commodity markets signal the seriousness, relevance

and high degree of importance of solving the problems of single-industry towns in Kazakhstan, and above all, of providing employment and improving living standards. Back in November 2021, at a meeting in Ekibastuz, President Tokayev noted that the deterioration of water and sewage networks is 61 % on average, and in the cities of Arkalyk, Balkhash, Shakhtinsk and Temirtau, it reaches 90 %. Depreciation of heat networks and power lines averages 55 %, and in some single-industry towns – 85 % [16].

The consequences of systemic problems with engineering, automobile and other infrastructure facilities in single-industry towns like Temirtau, Stepnogorsk, Balkhash, Ekibastuz, and Ridder (depreciation of CHP, 40-50 % of roads in unsatisfactory condition) will cost Kazakhstan citizens dearly.

In the majority of single-industry towns, more than a third of economically active citizens are self-employed, and the average income per capita is lower than the average level. The results of all this are disappointing: since 1999, their population has halved, from 3 million to 1.5 million people, and this trend continues [16].

The solution of the main problems related to the development and improvement of life of the residents of single-industry towns requires a comprehensive and in-depth approach in the study of the potential for diversification of production and development of SME in single-industry towns, the elaboration of the directions of their sustainable development.

We consider improving the investment image of single-industry towns on the principles of marketing to be an important aspect in these directions. This study in this regard, firstly, will contribute to the expansion of existing in the world scientific community developments in the field of single-industry towns' development, and secondly, it is aimed at elaborating science-based recommendations on strategic priorities of single-industry towns' development on the basis of territorial marketing. Taking into account the above-mentioned urgent problems of development of single-industry towns in Kazakhstan, the joint efforts of the research group of Al-Farabi Kazakh National University and Narxoz University within the framework of the scientific project «Revival of single-industry towns in the conditions of New Kazakhstan based on territorial marketing», financed by the Science Committee of the Ministry of Higher Education and Science of the Republic of Kazakhstan, set a goal to develop the Strategy of revival and modernization of single-industry towns in New Kazakhstan. In this regard, it is very important to analyze the labor market in single-industry towns of the Republic of Kazakhstan to determine the trends, specifics and structure of the labor market. Labor market trends identified during the analysis and development of employment in single-industry and commodity-type cities will be taken as a basis for the development of this strategy.

In addition, the main results of the study can contribute to the implementation of «anchor» projects, which to date in single-industry towns of the country do not work in full, because they cannot find markets. It should be noted that the analysis was conducted on 25 out of 27 Kazakh monotowns, as data on Altay and Serebryansk are not representative and are not officially registered. In general, it is worth noting that, unfortunately, systematized official data on statistics on the number of employed, self-employed, levels of unemployment and basic income, as well as other important for a complete analysis of labor market and employment indicators in single-industry towns of Kazakhstan are not available in a comprehensive form. In the course of the study, information on single-industry towns in Kazakhstan was meticulously collected from the sources of periodicals, official websites of single-industry towns, sources from open sources of the World Wide Web, as well as official statistical data of the National Statistics Bureau of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan.

MAIN PART

To identify the key trends and specifics of the formation of the labor market in single-industry and raw material-type cities of the Republic of Kazakhstan, we first of all applied general scientific and statistical research methods.

To analyze the population dynamics of single-industry towns of the Republic of Kazakhstan from 2017-2021, we systematized indicators for all 27 single-industry towns of Kazakhstan, Table 1.

At the time of the study, there are 27 monotowns in Kazakhstan, with a population of about 1.5 million people, which is 8 % of the total population of the country. The largest number, namely 8 monotowns are located in the Karaganda region, the largest city in Kazakhstan is Temirtau – about 173 thousand people, the smallest city is Serebryansk – about 7 thousand people, according to official statistics of Kazakhstan.

Table 1 - Population of single-industry towns in the Republic of Kazakhstan at the end of 2017-2021

Mono city	Years				
	2017	2018	2019	2020	2021
Stepnogorsk	46 276	45 917	45 524	45 217	49 783
Kentau	68 313	68 975	68 707	70 357	74 014
Khromtau	26 238	26 737	27 158	27 446	29 802
Tekeli	31 798	31 958	32 283	32 378	30 421
Kulsary	59 617	60 498	61 541	62 278	64 887
Aksay	34 552	35 310	35 448	35 349	36 675
Zhanatas	22 110	22 364	22 701	23 064	25 512
Karatau	29 835	30 204	30 403	30 501	28 384
Balkhash	72 230	72 892	72 999	72 750	73 870
Zhezkazgan	86 723	87 200	87 254	87 254	88 634
Karazhal	8 363	8 091	7 935	7 793	8 301
Saran	43 598	43 277	42 950	42 864	34 741
Satpayev	60 963	61 529	62 949	63 871	67 919
Temirtau	178 908	179 230	179 216	178 544	172 422
Shakhtinsk	37 849	37 653	37 339	37 179	39 393
Abay	28 244	28 363	28 802	28 638	28 627
Arkalyk	28 418	28 248	27 051	26 359	29 374
Lisakovsk	36 318	36 011	35 742	35 447	31 530
Rudnyy	115 536	115 297	114 966	114 172	111 705
Zhitikara	34 810	34 738	34 561	34 190	35 606
Zhanaozen	81 413	81 581	81 157	81 262	72 725
Aksu	42 265	41 625	40 766	40 289	51 732
Ekibastuz	134 145	133 889	133 676	132 762	129 510
Kurchatov	12 383	12 408	12 317	12 413	10 422
Ridder	57 541	57 107	56 455	55 893	52 657
Altay (Zyryanovsk)	36 369	36 111	35 440	35 144	36 484
Serebryansk	8 578	8 429	8 276	8 146	7 246

Note: compiled by the authors according to [17].

As seen from Table 1, the top three largest single-industry towns in Kazakhstan are Temirtau, Ekibastuz and Rudny – 172,422; 129,510 and 111,705 people, respectively. The second group of mono-cities with a population of 50-70 thousand are Kentau – 74 014; Balkhash – 73 870; Zhanaozen – 72 725; Kulsary – 64 887; Aksu – 51 732, with Stepnogorsk – 49 783 being a bit under that group. The third group of single-industry towns, where the average population is in the range of 20 to 50 thousand people is represented by such cities as Khromtau, Tekeli, Aksay, Zhanatas, Karatau, Saran, Shakhtinsk, Abay, Arkalyk, Lisakovsk, Zhitikara, Altay. On average, there are 32,212 people living here. And the smallest number of inhabitants is characterized by the fourth group of monotowns – Kurchatov – 10,422; Karazhal – 8,301; Serebryansk – 7,246 people. Only 25,969 people live in these three monotowns, an average of 8,656 people per town.

In general, for the period 2017-2021 in the dynamics there is instability in the number of residents of single-industry towns of the Republic of Kazakhstan compared to the national parameters, Figure 1.

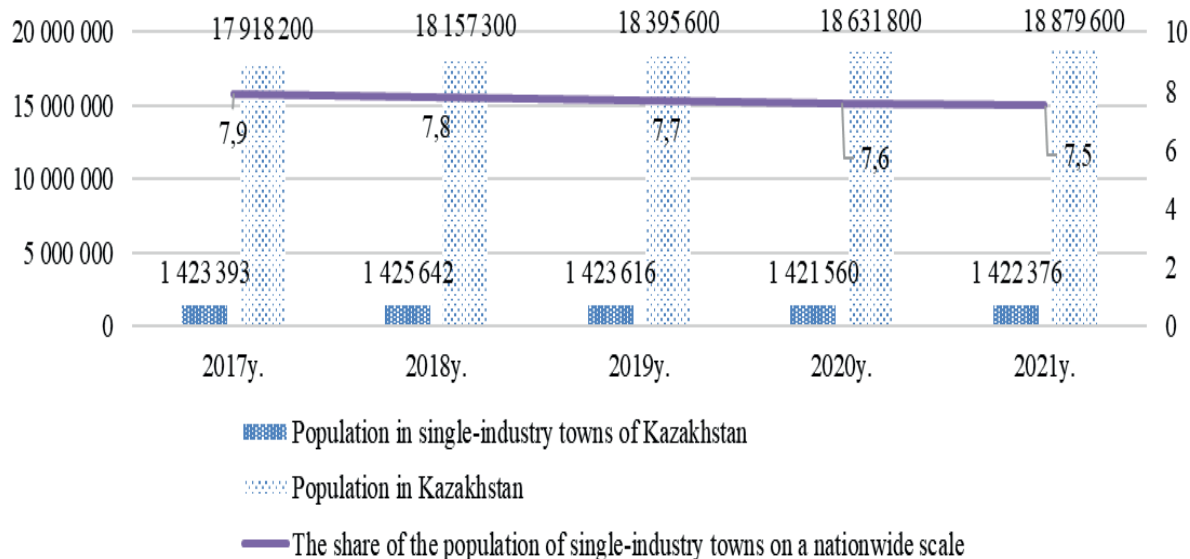


Figure 1 – Comparative dynamics of the number of inhabitants of the country as a whole and single-industry town in Kazakhstan for 2017-2021.

Note – developed by the authors according to [17]

The highest peak in the population of all monotowns in the country is characterized by 2018 - 1 425 642 people, while in 2020 there were 4 082 fewer residents of monotowns, 1 421 560 people. In 2021, there were 816 more residents of monotowns of the republic compared to 2020.

So, in comparison with the republican parameters, where there is a positive dynamics of growth in the number of inhabitants of the country, in monotowns we can state the stability of the number of residents, but with a tendency of decrease in the share of population of monotowns in the total population of the country from 7.9 % – in 2017, 7.8 % – in 2018, 7.7 % – in 2019, 7.6 % – in 2020, 7.5 % – in 2021. Thus, on a nationwide scale, against the background of the growth of the population of Kazakhstan, the number of residents of single-industry towns tends to steadily decrease, by 0.1 p.p. annually.

Next, we conducted a study of the main indicators of the labor market and the development of employment in single-industry and raw material-type cities. As can be seen from the data in Table 2, for the period from 2017 to 2021. the indicator - the number of labor force in single-industry towns decreases from year to year. Comparatively, there is a decrease of 22,008 people, from 782,705 in 2017 to 760,697 in 2021, with a maximum decrease in the workforce in pandemic 2020 of 754,181.

Table 2 – Number of labor force in single-industry towns in the Republic of Kazakhstan for 2017-2021

Mono city	2017	2018	2019	2020	2021
Total, including:	782 705	768 741	774 297	754 181	760 697
Stepnogorsk	38 869	38 732	38 217	36 427	35 538
Khromtau	13 294	13 549	13 476	13 829	13 889
Tekeli	17 898	18 076	17 834	17 489	17 546
Kulsary	30 284	28 429	28 390	28 219	29 010
Aksay	19 788	20 244	21 289	20 910	20 442
Zhanatas	9 916	10 086	9 580	9 014	8 574
Karatau	13 282	13 359	12 272	13 100	13 590
Balkhash	38 564	38 971	41 805	38 688	39 779

Zhezkazgan	41 804	41 289	41 894	39 831	40 808
Karazhal	7 772	9 210	8 963	9 321	8 747
Saran	25 798	25 581	25 156	26 331	25 796
Satpayev	33 464	31 771	32 438	32 385	31 968
Temirtau	95 566	96 008	98 131	98 064	95 851
Shakhtinsk	25 538	26 294	25 254	24 763	25 643
Abay	15 649	14 541	15 361	15 034	15 692
Arkalyk	17 040	15 551	14 216	12 309	12 236
Zhitikara	18 008	19 325	19 866	18 296	19 579
Lisakovsk	24 188	23 307	23 583	22 367	22 399
Rudny	74 439	73 986	73 034	71 770	76 010
Zhanaozen	51 795	43 591	43 725	41 904	43 715
Aksu	25 610	24 900	24 447	22 511	22 253
Ekibastuz	77 536	77 234	78 233	77 111	76 543
Kurchatov	7 976	7 338	7 954	7 222	7 984
Ridder	30 097	30 083	29 021	28 826	29 078
Kentau	28 530	27 286	30 158	28 460	28 027

Note – compiled by the authors according to [17]

We remind you that the analysis is conducted on 25 of 27 Kazakh single-industry towns, as the data for Altai and Serebryansk are not representative and are not officially registered.

Logically, the leaders among single-industry towns in terms of labor force, as we see it, are the same 3 cities, where there is a large number of residents themselves (Temirtau, Ekibastuz, Rudny). The average number of labor force in these cities is 96,724; 77,331; 73,848 respectively.

So, the maximum number of labor force is 95,851 in Temirtau, while the minimum number in Kurchatov is only 7,984. Illustration of the extent of the «gap» in the number of labor force from the maximum to the minimum, we can observe in Figure 2.

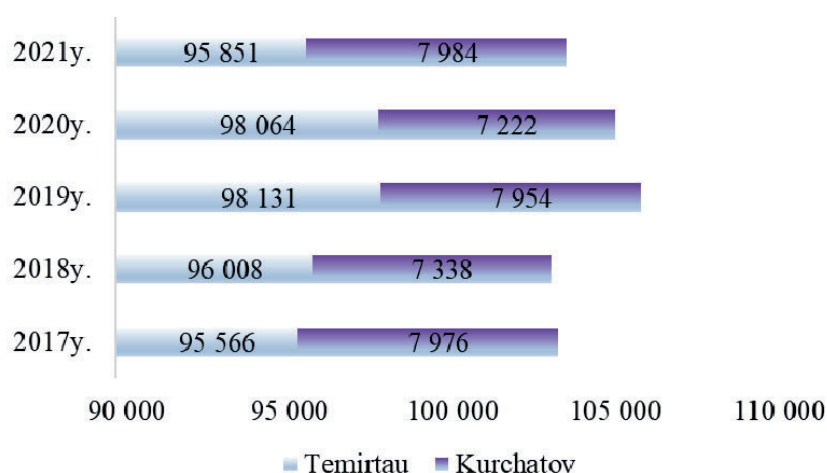


Figure 2 – Comparative parameters on the availability of labor in single-industry towns in Kazakhstan for 2017-2021. – «maximum-minimum».

Note – developed by the authors according to the data [17]

Separately, the city of Zhanaozen stands out, where the number of labor force is relatively higher than in other single-industry towns in the country, on average almost 45 thousand people, or 44,946 in the analyzed period. Next, a group of such single-industry towns with an average labor force of 39,745 are close, but lower: Zhezkazgan with 41,125 workers, Balkhash with 39,561 workers, Stepnogorsk with 37,577 workers.

In 2021, there are no particularly strong changes in the number of labor force compared to 2017. In general, the indicators have remained stable for 5 years. Thus, in Rudny there was a slightly noticeable increase in the number of the labor force by almost 2,000 people. Here is a trend of reduction in the number of labor force, although not significantly, but nevertheless it decreased in many single-industry towns of Kazakhstan: Stepnogorsk, Zhanatas, Arkalyk, Lisakovsk, Zhanaozen, Aksu, Ekibastuz, according to Figure 3.

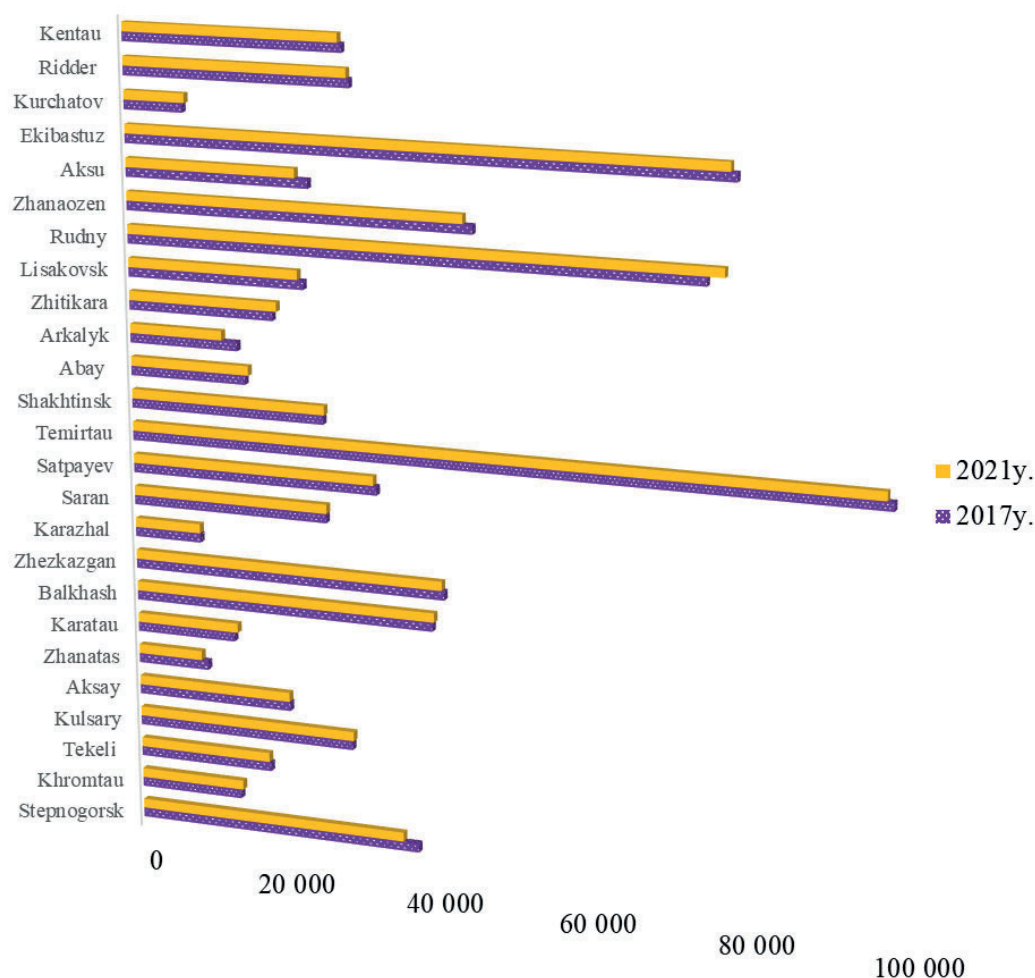


Figure 3 – Changes in the number of labor force in single-industry towns of Kazakhstan for 2017 and 2021

Note – developed by the authors according to [17]

Obviously, it will be interesting to study the structure of the labor force, in terms of the ratio of the employed and unemployed. In this regard, let us consider the data in Table 3.

As shown in Table 3, the following trends are observed in the labor force structure of single-industry towns in Kazakhstan:

- the leaders among single-industry towns in the number of employed are the cities of Temirtau, Ekibastuz and Rudny, which also dominate in terms of population as a whole;
- the number of unemployed is observed in correlation with the number of employed citizens, respectively, the leaders in the number of unemployed also became the cities of Temirtau, Ekibastuz and Rudny.

Table 3 – Labor force structure of single-industry towns in Kazakhstan, 2017-2021

Mono city	2017		2018		2019		2020		2021	
	Empl.	Unemp.	Empl.	Unemp.	Empl.	Unemp.	Empl.	Unemp.	Empl.	Unemp.
Stepnogorsk	37 307	1 562	37 171	1 561	36 711	1 506	34 971	1 456	34 054	1 484
Khromtau	12 671	623	13 097	452	13 000	476	13 258	571	13 081	808
Tekeli	17 034	864	17 180	896	16 946	888	16 672	817	16 702	844
Kulsary	28 845	1 439	27 085	1 344	27 286	1 104	26 898	1 321	27 664	1 346
Aksay	18 953	835	19 406	838	20 407	882	20 027	883	19 595	847
Zhanatas	9 505	411	9 665	421	9 180	400	8 627	387	8 189	385
Karatau	12 719	563	12 839	520	11 837	435	12 549	551	12 980	610
Balkhash	36 631	1 933	37 100	1 871	39 848	1 957	36 798	1 890	37 863	1 916
Zhezkazgan	39 622	2 182	39 274	2 015	39 974	1 920	37 903	1 928	39 048	1 760
Karazhal	7 409	363	8 775	435	8 642	321	8 977	344	8 432	315
Saran	24 670	1 128	24 500	1 081	24 141	1 015	25 212	1 119	24 741	1 055
Satpayev	31 942	1 522	30 416	1 355	31 144	1 294	31 017	1 368	30 656	1 312
Temirtau	90 953	4 613	91 589	4 419	93 783	4 348	93 561	4 503	91 506	4 345
Shakhtinsk	24 269	1 269	25 039	1 255	24 102	1 152	23 588	1 175	24 458	1 185
Abay	15 113	536	14 222	319	14 930	431	14 862	172	15 191	501
Arkalyk	16 099	941	14 713	838	13 439	777	11 699	610	11 490	746
Zhitikara	17 070	938	18 335	990	18 864	1 002	17 181	1 115	18 584	995
Lisakovsk	22 911	1 277	22 113	1 194	22 407	1 176	21 267	1 100	21 288	1 111
Rudny	70 720	3 719	70 081	3 905	69 307	3 727	67 890	3 880	72 254	3 756
Zhanaozen	49 348	2 447	41 228	2 363	42 138	1 587	41 149	755	42 338	1 377
Aksu	24 302	1 308	23 652	1 248	23 263	1 184	21 382	1 129	21 143	1 110
Ekibastuz	73 696	3 840	73 415	3 819	74 453	3 780	73 311	3 800	72 783	3 760
Kurchatov	7 589	387	6 992	346	7 590	364	6 879	343	7 617	367
Ridder	28 747	1 350	28 681	1 402	27 719	1 302	27 595	1 231	27 881	1 197
Kentau	27 046	1 484	25 641	1 645	28 904	1 254	26 937	1 523	26 529	1 498
Note – compiled by the authors according to [17]										

As for single-industry towns, where the number of unemployed is registered at low parameters, the same trend can be seen. Where the number of residents is not high, there are low rates of unemployment. These are mono-cities Karazhal and Kurchatov. In Karazhal the average population for the analyzed period is only 8 thousand people, and the number of unemployed on average – 356 people. In Kurchatov, on average, 12 thousand inhabitants, of which the workforce is about 8 thousand people, and the average number of unemployed – 361 people.

It is interesting to look at the indicators of Abay, Karaganda region. At comparatively high indicators of population (about 28 thousand) and employed people on average about 15 thousand, a low number of unemployed is observed - 392 people in average for the last 5 years.

So, completing a small study of the labor market and employment in single-industry towns of Kazakhstan for the period from 2017-2021, we can come to the following results and conclusions.

CONCLUSIONS

Single-industry towns Temirtau, Ekibastuz, Rudny in Kazakhstan represent a group of leaders in terms of population, employed and unemployed. The results of statistical analysis record the following indicators for the number of inhabitants - 172,422; 129,510 and 111,705 people, respectively. The low population is revealed in single-industry towns: Kurchatov – 10,422; Karazhal – 8,301; Serebryansk – 7,246 people.

A comparative analysis with the indicators for the country as a whole has revealed that while the number of residents in single-industry towns remained the same during this period, their share in the total population of the country tends to decrease (by 0.1 p.p. annually).

Analysis of the main indicators of the labor market and development of the employment sphere in single-industry and raw material-type towns showed that the number of the labor force in single-industry towns is decreasing from year to year. Especially pandemic COVID-2019 had its impact on the reduction of the workforce in single-industry towns of the country. The reduction in the number of labor force is observed in many single-industry towns of Kazakhstan: Stepnogorsk, Zhanatas, Arkalyk, Lisakovsk, Zhanaozen, Aksu, Ekibastuz.

Analysis of the structure of the labor force, in terms of the ratio of the employed and unemployed showed a correlation between the number of inhabitants, the number of labor force and the number of unemployed. There is a close correlation between these indicators.

The monotowns of Temirtau, Ekibastuz and Rudny lead in terms of population, number of employed and unemployed. Karazhal and Kurchatov single-industry towns stand out by low rates of unemployment, but at the same time by the number of residents and employed.

When translating the results of statistical analysis into the practical field, we can put forward the following discussion issues.

First, due to the fact that employment in single-industry towns is provided mainly by one city-forming enterprise, there is a narrowly focused specialization of workers. The population is homogeneous by professional specialization. At the same time there are huge risks of the outflow of young people from monotowns to large settlements, the aging of the population, and labor migration.

In this regard, the question of diversification of the economic structure of single-industry towns is relevant. What ways will help to reduce dependence on the prices of raw materials, how to develop employment, small and medium business in single-industry towns. Since there is a problem of so-called hidden unemployment.

The question of state management in the development of monotowns remains acute and requires a new approach. Thus, all the adopted state programs and measures did not bring any results. The first program after the state audit was found to be ineffective. Further attempts are integrated into other programs, into the Program of Regional Development until 2020. It is necessary to eliminate the uncertainty, rushing from one program to another, and the lack of concrete steps on the part of state officials and the Government.

The next important prospective issue for the development of single-industry towns in Kazakhstan, we believe, is digitalization. When today the digital mine, digital industrial enterprise is developing in full force in the world, it is time for Kazakh city-forming enterprises of single-industry towns to introduce modern management processes, re-engineering, digitization of business processes and updating the professional skills of their employees.

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ҚАЗАҚСТАННЫҢ МОНОҚАЛАЛАРЫНДАҒЫ ЕҢБЕК НАРЫҒЫНЫҢ ҮРДІСТЕРІН ТАЛДАУ

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АНДАТПА

Зерттеу мақсаты – еңбек нарығын қалыптастырудың негізгі тенденциялары мен ерекшеліктерін анықтау, сондай-ақ Қазақстан Республикасының өнеркәсіптік және шикізат үлгісіндегі моноқалаларда жұмыспен қамтуды арттыру бойынша ұсынымдар әзірлеу.

Әдіснамасы. Жұмыста келесі ғылыми әдістер қолданылды: статистикалық байқау; салыстырмалы талдау; синтез; статистикалық байқау материалдарын топтастыру.

Зерттеудің бірегейлігі / құндылығы. Бұл зерттеудің құндылығы Қазақстан Республикасының моноқалаларында еңбек нарығын қалыптастырудың негізгі тенденцияларын анықтаудан тұрады, бұл қалалардың осы түрлерінде жұмыспен қамту және жұмысқа орналастыру саласын жетілдіру бағыттарын анықтауға мүмкіндік берді.

Зерттеу нәтижелері. Қазақстанның моноқалаларындағы еңбек нарығын зерттеу 2017-2021 жылдар аралығында бұл қалалардағы халық санының азайғаны анықталды. Ел халқының жалпы санындағы моноқала тұрғындарының үлес салмағының төмендеуі байқалады. Талдау моноқалаларды төрт топқа бөлуге болатынын көрсетті: ірі қалалар (Теміртау, Екібастұз, Рудный), шамамен 50-70 мың адам тұратын қалалар (Кентау, Балқаш, Жаңаөзен, Құлсары, Ақсу, Степногорск), халқы 20-дан 50 мыңға дейінгі қалалар (Хромтау, Текелі, Ақсай, Жаңатас, Қаратау, Саран, Шахтинск, Абай, Арқалық, Лисаковск, Жітіқара, Алтай) және шағын моноқалалар тобы (Курчатов, Қаражал, Серебрянск). Жұмыспен қамтылғандар мен жұмыссыздар саны бойынша Теміртау, Екібастұз және Рудный көш бастап тұр, сонымен қатар жалпы мағынада халық саны ең көп. Қазақстандағы моноқалалардың жұмыспен қамтылуын және тұрақты дамуын қамтамасыз ету үшін экономиканы әртараптандыру, шикізат бағасына тәуелділікті азайту, шағын және орта бизнесті дамыту бойынша жұмысты жалғастыру қажет. Моноқалаларды дамытуда және өндірісті цифрландыруда тиімді мемлекеттік басқару маңызды рөл атқарады.

Түйін сөздер: моноқалалар, жұмыспен қамту, жұмыс күші, жұмыссыздар, еңбек нарығы, өнеркәсіптік мамандандыру.

Алғыс: Мақала BR18574200 «Аумақтық маркетинг негізінде Жаңа Қазақстанды құру жағдайында моноқалаларды жаңғырту» тақырыбындағы Қазақстан Республикасы Ғылым және жоғары білім министрлігінің Ғылым комитетінің бағдарламалық-нысаналы қаржыландыру шеңберіндегі бағдарлама бойынша орындалды.

АНАЛИЗ ТЕНДЕНЦИЙ РЫНКА ТРУДА В МОНОГОРОДАХ КАЗАХСТАНА

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АННОТАЦИЯ

Цель исследования – выявить ключевые тенденции и специфику формирования рынка труда, а также разработка рекомендаций по повышению занятости в моногородах промышленного и сырьевого типа Республики Казахстан.

Методология исследования. В работе использованы следующие научные методы: статистическое наблюдение; сравнительный анализ; синтез; группировка материалов статистического наблюдения.

Оригинальность / ценность исследования. Ценность данного исследования состоит в выявлении ключевых тенденций формирования рынка труда в моногородах Республики Казахстан, что позволило определить направления совершенствования сферы занятости и трудоустройства в данных типах городов.

Результаты исследования. Исследование рынка труда в моногородах Казахстана выявило снижение численности населения в этих городах с 2017 по 2021 годы. Отмечается уменьшение доли жителей моногородов в общей численности населения страны. Анализ показал, что моногорода можно разделить на четыре группы: высокочисленные (Теміртау, Экібастұз, Рудный), города с численностью около 50-70 тысяч человек (Кентау, Балхаш, Жаңаөзен, Құлсары, Ақсу, Степногорск), города с численностью от 20 до 50 тысяч человек (Хромтау, Текелі, Ақсай, Жаңатас, Қаратау, Сарань, Шахтинск, Абай,

Аркалык, Лисаковск, Житикара, Алтай), и группа малочисленных моногородов (Курчатов, Каражал, Серебрянск). Темиртау, Экибастуз и Рудный являются лидерами по количеству занятых и безработных и также имеют наибольшую численность населения в общем смысле. Для обеспечения занятости и устойчивого развития моногородов Казахстана необходимо продолжать работу по диверсификации экономики, уменьшению зависимости от цен на сырьевые ресурсы и развитию малого и среднего бизнеса. Важную роль играют эффективное государственное управление в развитии моногородов и цифровизация производства.

Ключевые слова: моногорода, занятость, рабочая сила, безработица, рынок труда, промышленная специализация.

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УПРАВЛЕНИЕ ЗНАНИЯМИ КАК ОСНОВА ДЛЯ СОВРЕМЕННЫХ ИННОВАЦИЙ

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АННОТАЦИЯ

Современные глобальные вызовы диктуют необходимость разработки новых подходов к управлению. В настоящее время компании конкурируют не просто товарами и услугами, а знаниями и умением их эффективного применения.

Цель статьи заключалась в изучении понятийно-категориального аппарата knowledge management и в формировании собственного понимания управления знаниями.

Методология исследования. Проведен литературный обзор научных статей по knowledge management в рецензируемых журналах электронных баз данных с 1987 года в том числе с применением программы «Harzing's Publish or Perish». Были изучены труды ученых в сфере философии, социологии, экономики, информационных систем и т. д. На основании результатов проделанной работы структурированы понятия «данные», «информация», «знания» и «управление знаниями».