

On the costs of environmental protection in the Republic of Kazakhstan

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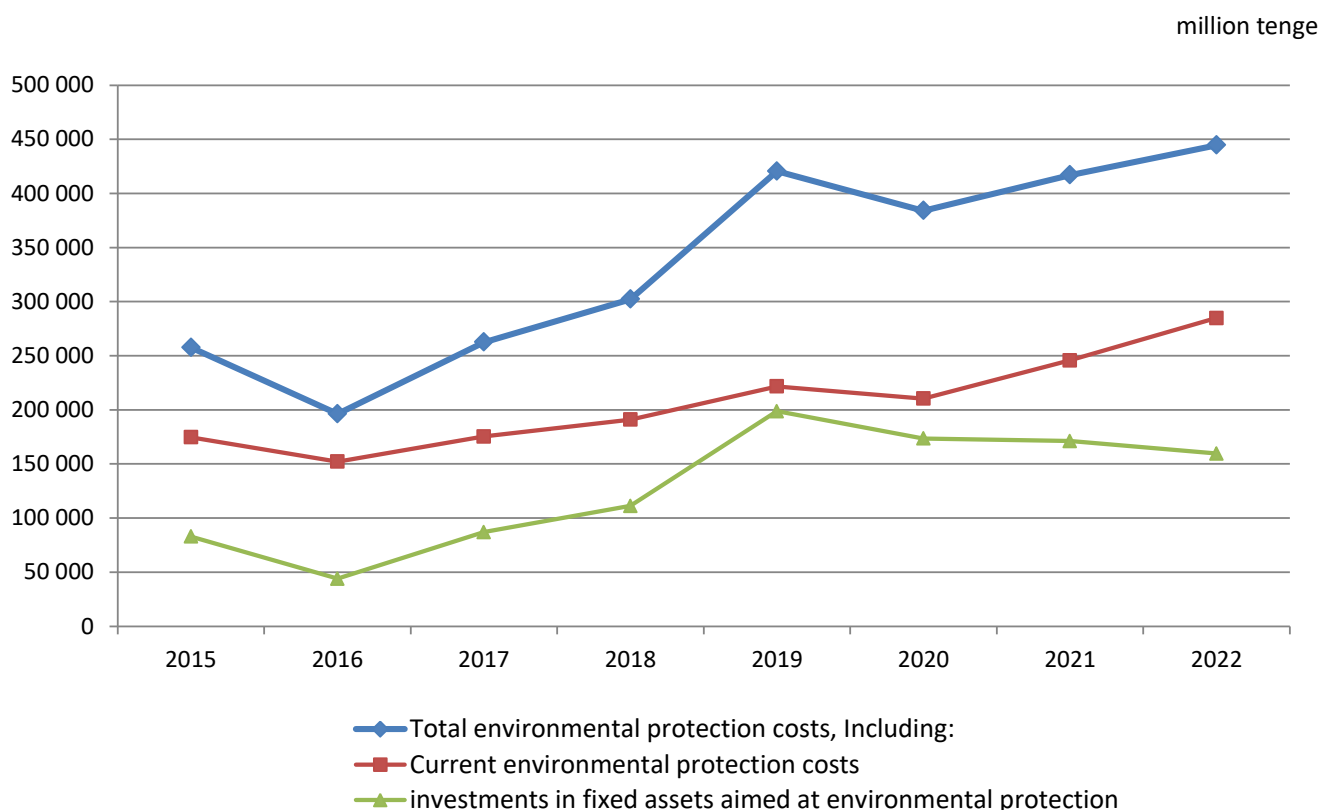
1. Key points

The costs of economic entities aimed at environmental protection in 2022 amounted to 444 billion tenge against 417 billion tenge in 2021.

A significant share of environmental costs (92.8%) is carried out by industrial enterprises.

2. Dynamics of environmental protection costs

Dynamics of environmental protection costs for 2015-2022



Atyrau (22.7%), Karaganda (10.3%), Aktobe (10.1%) regions allocated 191.8 billion tenge for environmental protection activities, which amounted to 43.1% of the total environmental protection costs

Environmental protection costs by region

thousand tenge

	2020	2021	2022
Republic of Kazakhstan	384 015 734	416 955 575	444 514 269
Abai	2 600 586	3 244 786	5 804 267
Akmola	63 945 393	18 839 038	19 313 971
Aktobe	38 153 904	59 259 824	44 987 100
Almaty	1 472 042	1 814 394	2 096 057
Atyrau	43 869 542	76 753 130	100 859 822
Batys Kazakhstan	16 593 098	13 014 366	9 678 433
Zhambyl	12 148 355	58 751 671	26 993 650
Zhetisu	925 141	936 822	993 228
Karagandy	25 663 529	24 173 817	45 973 744
Kostanai	23 327 794	25 046 596	22 624 807
Kyzylorda	16 131 739	4 767 423	3 889 222
Mangystau	16 727 282	13 762 285	13 734 770
Pavlodar	40 474 833	38 155 928	37 326 905
Soltustik Kazakhstan	4 328 499	4 924 202	11 771 800
Turkistan	2 768 430	1 948 430	8 544 944
Ulytau	8 133 856	12 646 350	12 860 844
Shygys Kazakhstan	36 915 932	36 863 495	33 451 971
Astana city	17 222 878	8 219 235	16 852 108
Almaty city	5 060 060	8 893 841	7 519 421
Shymkent city	7 552 841	4 939 942	19 237 205

Current environmental protection costs by region for 2022

thousand tenge

	Current costs	Material costs for environmental protection	Labor costs and contributions for social needs for environmental protection	Paid to other enterprises (organizations) for the provision of environmental services
Republic of Kazakhstan	284 853 377	104 200 011	50 560 962	125 010 346
Abai	4 569 245	607 613	1 889 918	2 033 917
Akmola	4 783 079	611 511	822 125	3 349 443
Aktobe	40 651 798	19 613 049	4 259 941	16 776 687
Almaty	1 965 645	195 355	545 319	1 198 863
Atyrau	56 508 271	7 236 702	4 948 329	41 419 692
Batys Kazakhstan	8 434 895	159 934	122 502	8 150 675
Zhambyl	7 328 188	4 369 920	1 169 176	1 782 669
Zhetisu	973 288	388 262	376 686	158 330
Karagandy	32 904 100	10 597 750	8 193 371	14 008 895
Kostanai	18 068 017	9 952 453	3 935 764	4 156 958
Kyzylorda	3 827 088	183 141	753 147	2 890 800
Mangystau	7 783 851	1 293 246	1 334 282	5 154 537
Pavlodar	30 291 043	16 174 486	6 806 510	6 141 786
Soltustik Kazakhstan	4 419 072	880 536	976 153	2 552 777
Turkistan	1 649 601	69 556	270 512	1 308 124
Ulytau	12 860 844	6 450 003	2 221 008	4 178 431
Shygys Kazakhstan	29 156 691	18 430 678	5 391 123	4 801 073
Astana city	6 057 361	3 464 490	1 892 186	698 457
Almaty city	7 326 231	2 151 400	2 382 179	2 789 718
Shymkent city	5 295 069	1 369 926	2 270 731	1 458 514

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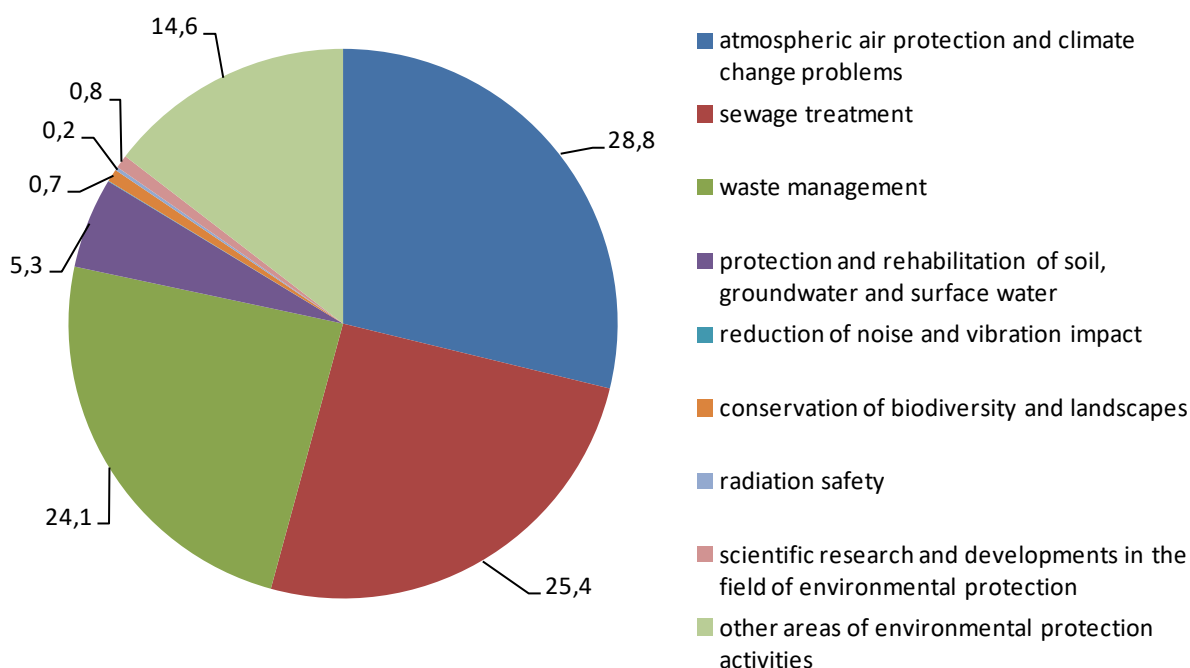
[Current environmental protection costs in the Republic of Kazakhstan](#)

3. Environmental protection costs by types of environmental protection activities

The structure of total costs by types of environmental protection activities was as follows: atmospheric air protection – 28.8%, sewage treatment– 25.4%, waste management – 24.1%.

Structure of environmental protection costs by type of environmental protection activities for 2022

as a percentage of total costs



Dynamics of environmental protection costs by types of environmental protection activities

thousand tenge

	2020	2021	2022
Total	384 015 734	416 955 575	444 514 269
atmospheric air protection and climate change problems	88 476 190	82 513 454	127 995 826
of them			
reduction of greenhouse gas emissions	936 307	1 534 936	2 024 375
sewage treatment	66 978 966	94 165 799	113 096 310
waste management	73 248 476	90 899 013	107 096 519
protection and rehabilitation of soil, groundwater and surface water	16 180 047	26 808 738	23 695 591
reduction of noise and vibration impact	38 788	94 492	163 944
conservation of biodiversity and landscapes	6 038 736	2 199 854	3 307 758
radiation safety	955 709	779 270	880 252
scientific research and developments in the field of environmental protection	4 502 777	4 921 332	3 479 430
other areas of environmental protection activities	127 596 045	114 573 623	64 798 639
of them			
activities in the field of renewable energy sources	115 447 352	100 677 264	46 647 977
activities in the field of energy saving technologies and energy efficiency improvement	6 896 744	8 602 944	8 177 847

4. Glossary

Current costs for environmental protection - the costs of enterprises and organizations for carrying out activities, ensuring the current operation of technological processes and industries, as well as for the maintenance and operation of machinery and equipment that are designed and operate in order to prevent, reduce, clean (recycle) and / or elimination of pollutants (products).

5. Methodological explanations

Environmental protection expenditures are broken down by types of environmental protection activities, including air protection and climate change issues, wastewater treatment, waste management, etc.

Other types of environmental activities include activities in the field of renewable energy sources, energy-saving technologies and energy efficiency, and also accumulates all types of environmental activities not classified in other types of environmental activities.

6. Links to related publications

[Environmental protection in the Republic of Kazakhstan](#)

[Ecological indicators of environmental monitoring and assessment. J-1 Total environmental protection costs](#)

7. Useful links

[Methodology for the formation indicators of environmental statistics](#)

[Methodology for the formation of investment activity statistics indicators](#)

Responsible for the release: Department of Production and Environment Statistics	Head of Department: A. Shauenova Тел. +7 7172 749056	Executor: С. Габдурашит Тел. +7 7172 749311 E-mail: su.gabdurashit@aspire.gov.kz	Address: 010000, г.Астана Mangilik Yel avenue, 8 House of Ministries, 4th Entrance
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