

On the costs of environmental protection in the Republic of Kazakhstan

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1. Key points
2. Dynamics of environmental protection costs
3. Environmental protection costs by types of environmental protection activities
4. Glossary
5. Methodological explanations
6. Links to related publications
7. Useful links

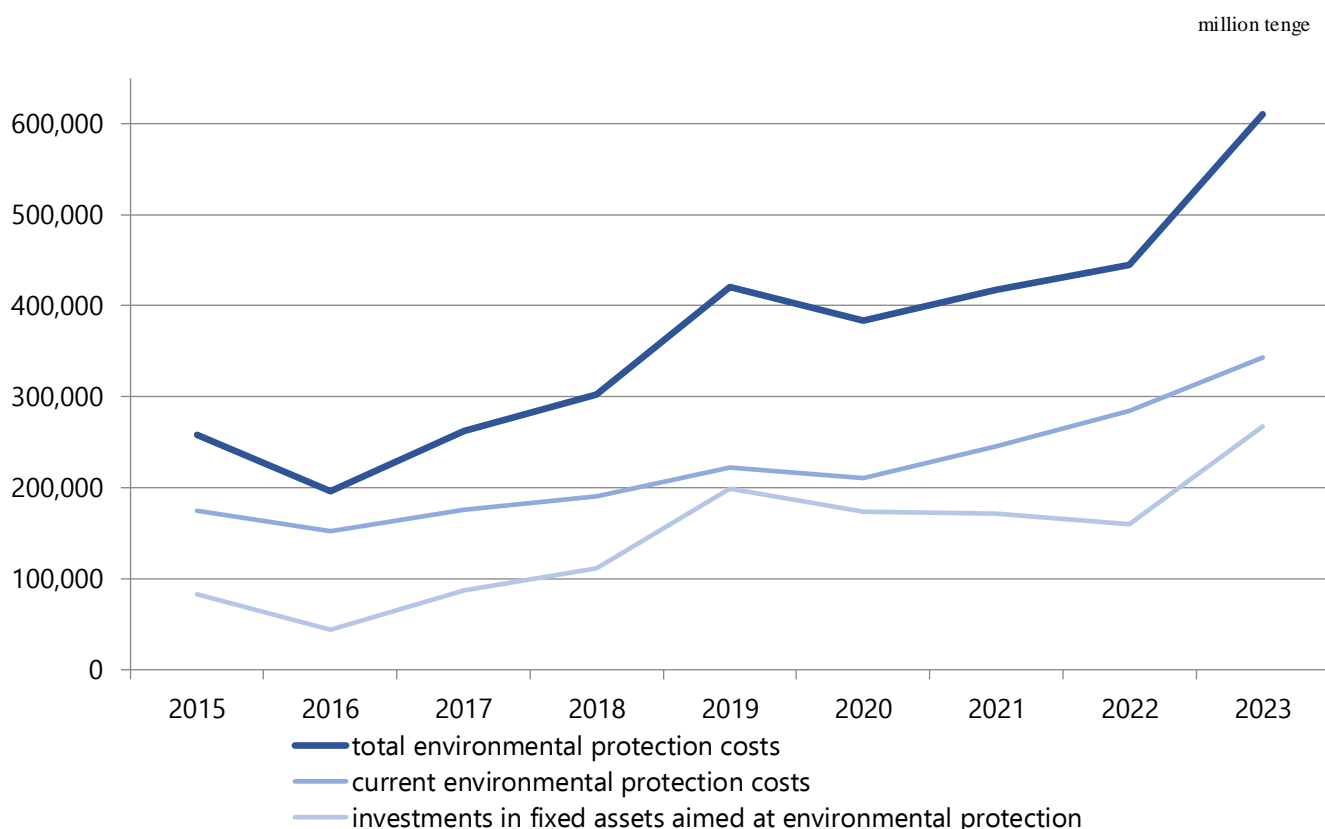
1. Key points

The costs of economic entities aimed at environmental protection in 2023 amounted to 610 billion tenge against 444 billion tenge in 2022.

A significant share of environmental costs (97.2%) is carried out by industrial enterprises.

2. Dynamics of environmental protection costs

Dynamics of environmental protection costs



Akmola (20.9%), Atyrau (14.6%), Pavlodar (9.7%) regions allocated 276.3 billion tenge for environmental protection activities, which amounted to 45.3% of the total environmental protection costs

Environmental protection costs by region

	thousand tenge		
	2021	2022	2023
Republic of Kazakhstan	416 955 575	444 514 269	610 285 222
Abay	3 244 786	5 804 267	6 962 550
Akmola	18 839 038	19 313 971	127 715 648
Aktobe	59 259 824	44 987 100	51 289 862

Almaty	1 814 394	2 096 057	2 876 627
Atyrau	76 753 130	100 859 822	89 151 170
Batys Kazakhstan	13 014 366	9 678 433	15 116 668
Zhambyl	58 751 671	26 993 650	50 254 606
Zhetisu	936 822	993 228	1 557 099
Karagandy	24 173 817	45 973 744	41 843 002
Kostanay	25 046 596	22 624 807	43 035 888
Kyzylorda	4 767 423	3 889 222	4 635 305
Mangystau	13 762 285	13 734 770	7 165 260
Pavlodar	38 155 928	37 326 905	59 495 022
Soltustik Kazakhstan	4 924 202	11 771 800	7 193 159
Turkistan	1 948 430	8 544 944	18 334 526
Ulytau	12 646 350	12 860 844	15 042 930
Shygys Kazakhstan	36 863 495	33 451 971	38 832 365
Astana city	8 219 235	16 852 108	7 321 551
Almaty city	8 893 841	7 519 421	12 505 140
Shymkent city	4 939 942	19 237 205	9 956 844

Current environmental protection costs by region for 2023

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	343 024 440	131 199 207	64 147 303	139 457 757
Abay	6 590 398	1 708 744	2 549 576	2 308 051
Akmola	5 731 226	1 651 532	1 003 717	3 067 461
Aktobe	49 463 645	22 061 028	5 152 658	22 249 959
Almaty	2 136 758	244 814	560 027	1 273 180
Atyrau	54 505 203	4 575 859	7 391 786	36 719 556
Batys Kazakhstan	14 247 478	47 230	56 093	14 143 017
Zhambyl	8 008 858	4 166 105	1 432 953	2 409 799
Zhetisu	1 473 286	473 597	420 741	568 964
Karagandy	37 822 671	14 283 731	8 883 430	14 397 734
Kostanay	23 335 280	11 040 845	7 452 165	4 785 574
Kyzylorda	4 489 312	183 920	1 105 776	3 174 019
Mangystau	7 165 260	850 996	1 075 210	5 237 483
Pavlodar	49 792 296	33 103 421	8 828 284	6 438 319
Soltustik Kazakhstan	4 407 484	1 188 646	1 069 541	2 140 524
Turkistan	1 999 229	78 476	389 587	1 529 163
Ulytau	15 041 253	6 378 689	2 504 602	6 156 329
Shygys Kazakhstan	33 827 877	21 313 773	6 330 120	5 681 026
Astana city	7 321 551	3 620 243	2 774 867	915 559
Almaty city	9 925 654	2 714 481	2 670 223	4 540 787
Shymkent city	5 739 721	1 513 077	2 495 947	1 721 253

3. Environmental protection costs by types of environmental protection activities

The structure of total costs by types of environmental protection activities was as follows: activities in the field of renewable energy sources – 33.2%, waste management – 21.6%, atmospheric air protection and climate change problems – 20%.

Dynamics of environmental protection costs by types of environmental protection activities

thousand tenge

	2021	2022	2023
Total	416 955 575	444 514 269	610 285 222

atmospheric air protection and climate change problems	82 513 454	127 995 826	122 068 658
of them			
reduction of greenhouse gas emissions	1 534 936	2 024 375	3 234 119
sewage treatment	94 165 799	113 096 310	115 266 558
waste management	90 899 013	107 096 519	131 880 528
protection and rehabilitation of soil, groundwater and surface water	26 808 738	23 695 591	15 948 797
reduction of noise and vibration impact	94 492	163 944	174 250
conservation of biodiversity and landscapes	2 199 854	3 307 758	2 599 208
radiation safety	779 270	880 252	879 505
scientific research and developments in the field of environmental protection	4 921 332	3 479 430	5 063 347
other areas of environmental protection activities	114 573 623	64 798 639	216 404 371
of them			
activities in the field of renewable energy sources	100 677 264	46 647 977	202 382 310
activities in the field of energy saving technologies and energy efficiency improvement	8 602 944	8 177 847	940 167

Spreadsheets:

On the cost of environmental protection in Kazakhstan

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

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