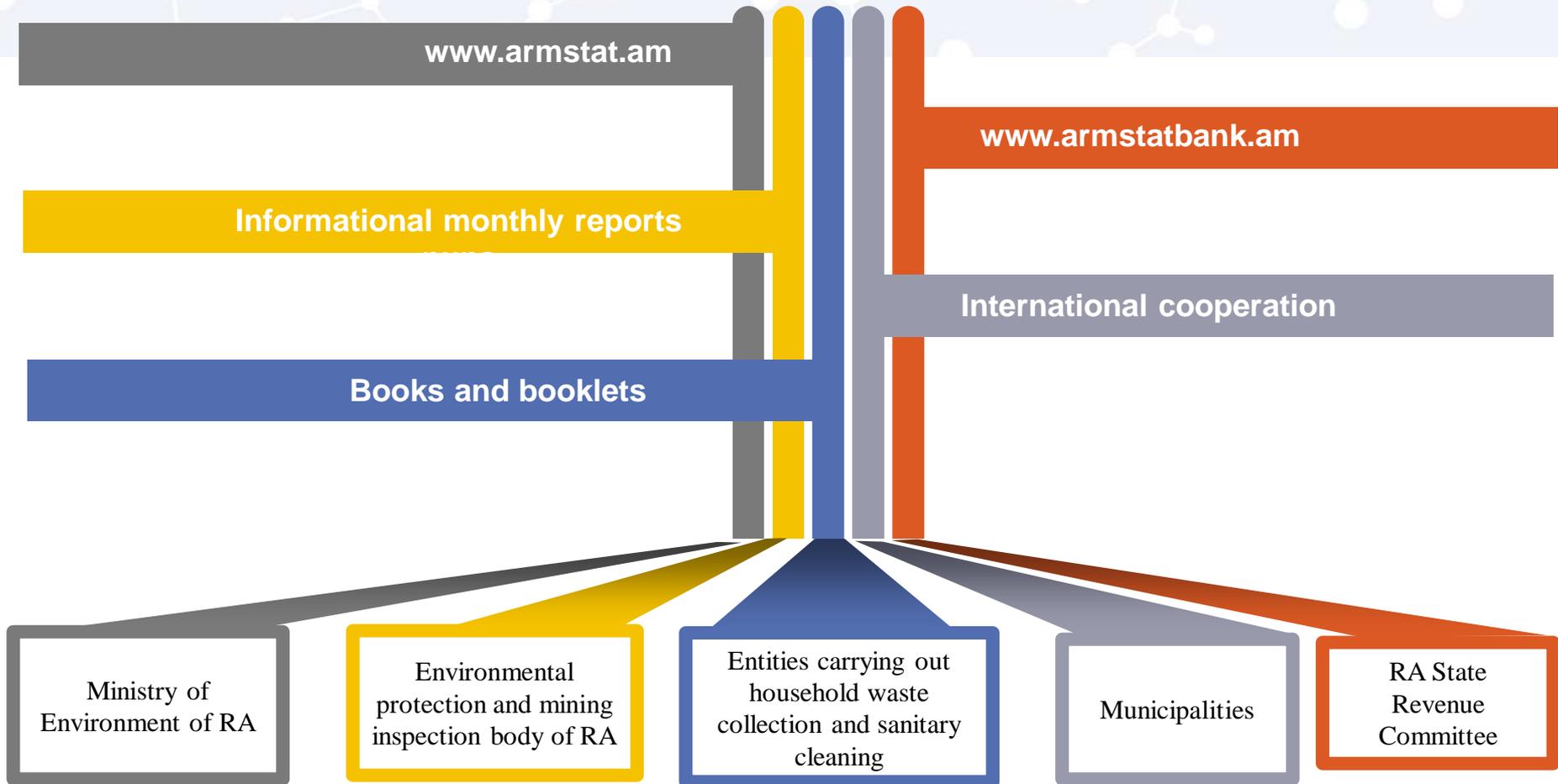


WASTE MANAGEMENT IN ARMENIA: FROM DATA COLLECTION TO PUBLICATION OF STATISTICS

Naira Mandalyan, Statistical Committee of RA, Environmental statistics division



WASTE DATA: FROM COLLECTION TO PUBLICATION



THE MAIN LEGAL ACTS RELATING TO WASTE REGISTRATION

- The RA Law on Waste, 2004
- The RA Law on Waste Disposal and Sanitary Cleaning, 2011
- The Decision of the RA Government on Establishment the procedure for state registration of waste, 2006
- The Decision of the RA Government on Establishment the procedure for conducting the State Cadastre of Waste, 2007
- The Decree of the RA Minister of Nature Protection on Confirmation the List of Household and Industrial Waste (including mining Waste) generated on the territory of the Republic of Armenia, 2006

WASTE MANAGEMENT-RELATED LEGISLATION

- The RA Tax Code - 2016
- The RA Law on Waste - 2004
- The concept of the introduction of the Extended Producer/importer/
responsibility system. 2017
- The Strategy of the introduction of the Extended Producer/importer/
responsibility system. 2017
- The prime Minister decree on “Adoption of EU and Armenia Comprehensive
and Enhanced Partnership Agreement implementation roadmap”. 2019

Armstat publication

Quantitative flow of industrial waste by RA marzes and Yerevan city, 2021, tones

Name of region	Waste generated during the year	Waste transmitted to other organizations	Waste received from other organizations	Treated and destructed by organizations	Waste used by organizations	Transported to landfills by means of organizations
Yerevan city	27 562.3	5 001.6	327.1	459.9	1 780.0	19 881.8
Aragatsotn	2 591.9	2 277.1	-	-	-	314.7
Ararat	1 687 473.9	4 286.7	-	1.6	34 318.1	1 648 927.7
Armavir	12 529.7	5 932.0	975.0	975.0	122.1	328.5
Gegharkunik	37 344 709.7	12 829.7	3.6	-	119 013.2	37 212 888.1
Lori	262 430.0	1 477.4	1 106.1	0.9	44.9	261 972.8
Kotayk	112 875.8	3 349.3	11 846.7	44.2	28 680.5	92 006.3
Shirak	1 530.9	312.7	0.4	6.0	-	1 322.6
Syunik	48 793 617.9	5 930.0	-	0.7	447 056.7	9 465 100.9
Vayots Dzor	285.6	99.9	-	-	-	185.6
Tavush	3 003.3	2 893.7	-	-	104.7	4.9
Total RA	88 248 611.0	44 390.1	14 258.9	1 488.3	631 120.2	48 702 933.9

Household waste transported into municipal landfills
318 175.0
3 372.0
7 719.9
17 486.0
18 631.4
24 237.8
39 216.0
19 600.0
14 025.0
9 405.0
15 516.2
487 384.3

Quantitative flow of industrial waste by hazardous classes, 2021

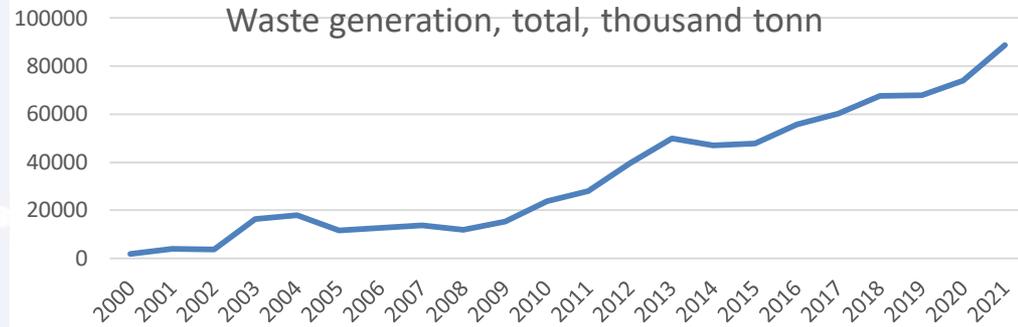
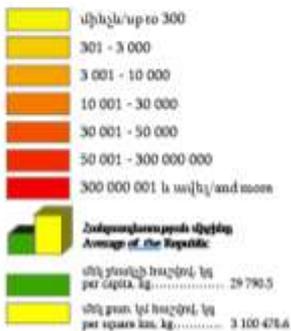
1-class	10.8	1.9	-	-	-	0.1
2-nd class	58.3	16.3	2.5	2.5	1.2	1.0
3-rd class	4 484.7	3 349.5	598.5	399.4	1 159.7	21.1
4-th class	24 500 709.3	23 187.3	1 597.2	1 057.6	3 507.3	1 727 901.9
Not hazardous	63 743 347.9	17 835.1	12 060.7	28.8	626 452.0	46 975 009.8
Total	88 248 611.0	44 390.1	14 258.9	1 488.3	631 120.2	48 702 933.9

Armstat publication

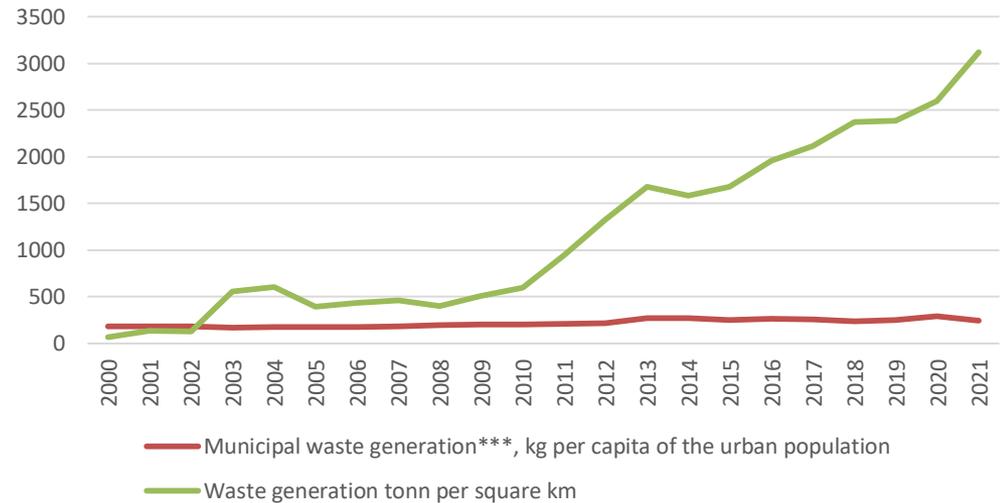
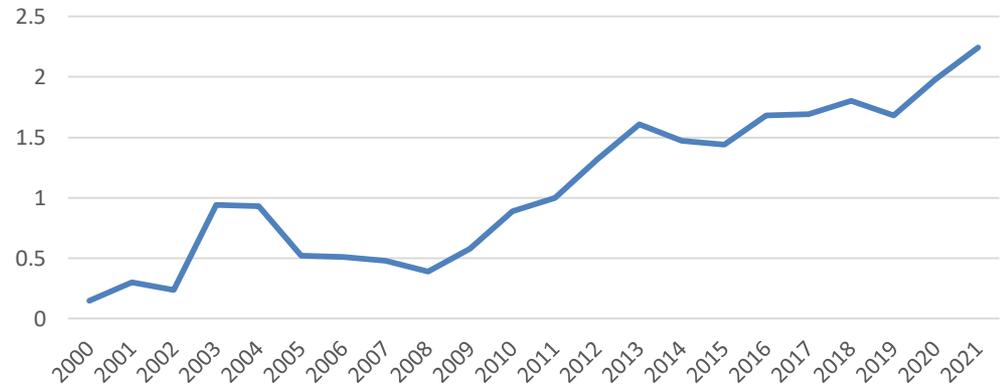
Պարտիկուրացիաների առաջարկ քանակները, 2021թ.
The waste generated in organizations, 2021



Պարտիկուրացիաների արժեքները քաղաքային տարածքում առաջարկ քանակները ըստ մարզի, տ.
Quantity of waste generated during the activity of organizations, t



Waste generation in per unit of GDP at purchasing power parity (PPP, 2017)*, tonn/\$1000



Landfill studies

Study of landfills in Armavir, Kasakh, Spitak, Jrvezh, Etchmiadzin, Garni, Byureghavan, Yeghvard, Metsamor, Abovyan, Alaverdi communities in 2022

The screenshot shows a website with a header in Armenian. The main content area features two articles. The first article, titled "Արմավիր համայնք" (Armavir community), includes a photograph of a landfill and text describing the site. The second article, titled "Քասախ համայնք" (Kasakh community), also includes a photograph of a landfill and text. The website interface includes a search bar, navigation menu, and various links.



Industrial waste by national classification

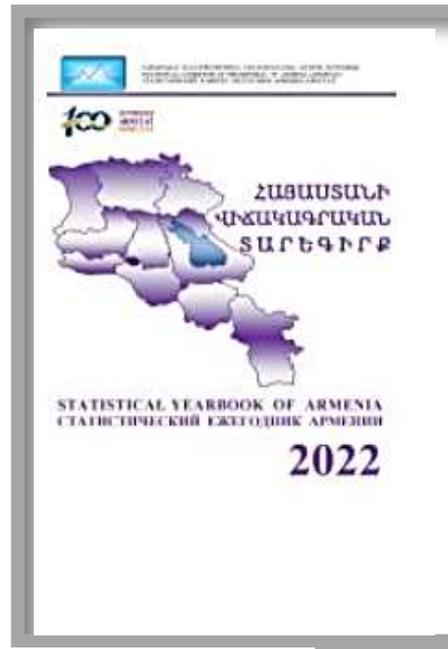
(Decree N 342-N of the Minister of Environment of the Republic of Armenia dated October 26, 2006 "On approving the list of production (including mining) and consumption waste generated in the territory of the Republic of Armenia", with updates in 2022 for e-waste)

		2021	2020	2019	2018
10000000 00 00 0	ORGANIC WASTE OF NATURAL ORIGIN				
11000000 00 00 0	Waste from the production of food and flavoring products	14 286.91	13 426.34	13 973.67	16 405.71
12000000 00 00 0	Waste from vegetable and animal fat products	0.08	0.60	-	0.20
13000000 00 00 0	Waste from keeping, slaughtering and processing of animals, birds and fish	5 641.58	5 446.88	3 253.67	3 426.50
14000000 00 00 0	Leather, skin and fur waste	3.00	3.00	3.50	3.90
17000000 00 00 0	Timber waste	127.24	119.29	144.25	160.41
18000000 00 00 0	Film, paper, cardboard	201.84	228.18	86.96	89.46
19000000 00 00 0	Other waste from the processing of plant and animal products				
30000000 00 00 0	WASTE OF MINERAL ORIGIN				
31000000 00 00 0	Waste of mineral origin (except metal waste)	9 538 483.72	5 063 103.05	9 624 465.24	7 466 728.51
34000000 00 00 0	Mineral mining waste	78 668 496.26	68 229 254.60	57 700 078.29	59 640 249.00
35000000 00 00 0	Waste metals and castings	4 609.35	7 964.91	10 000.80	2 525.55
39000000 00 00 0	Other waste of mineral origin	3 969.93	1 694.87	8 017.51	4 725.71
50000000 00 00 0	WASTE OF CHEMICAL ORIGIN				
51000000 00 00 0	Wastes of oxides, hydroxides, salts	0.00	0.00	0.20	-
52000000 00 00 0	Waste of acids, alkalis and concentrates	1.06	1.42	0.01	0.01
53000000 00 00 0	Waste of plant protection and disinfectants	0.30	0.48	0.22	0.29
54000000 00 00 0	Wastes from peat, burning shale, gas, coal, oil processing	1 201.47	42 237.72	45 474.34	601.45
55000000 00 00 0	Waste of organic solvents, paints, varnishes, glues, pastes and resins	9.50	4.04	5.91	5.37
57000000 00 00 0	Waste of polymeric materials	1 808.94	1 403.17	1 953.13	1 510.20
58000000 00 00 0	Textile production waste, fiber production waste	241.89	198.17	223.92	158.33
59000000 00 00 0	Other chemical waste	12.85	12.92	160.39	12.88
90000000 00 00 0	MUNICIPAL WASTE				
91000000 00 00 0	Solid municipal waste	8 636.99	12 132.87	8 051.77	9 226.19
92000000 00 00 0	Waste with the composition of complex combinations, not included in other points, in the form of machines, things, equipment, devices	102.95	38.59	41.28	23.39
94000000 00 00 0	Waste from water treatment, wastewater treatment and water use	20.07	11 365.94	128.25	48.55
95000000 00 00 0	Liquid waste from treatment facilities				
97000000 00 00 0	Medical waste	755.07	522.63	387.22	289.52

ARMSTAT PUBLICATIONS / DATABASES



Environment and Natural Resources in the Republic of Armenia



Statistical yearbook of Armenia

- Socio- Economic Situation of RA
- Housing resources and public utility of the Republic of Armenia
- Marzes of the Republic of Armenia and Yerevan city in figures
- Armenia in figures
- Statistics for Schools
- Atlas the Republic of Armenia by the regions and Yerevan city

Other publications



THANK YOU

