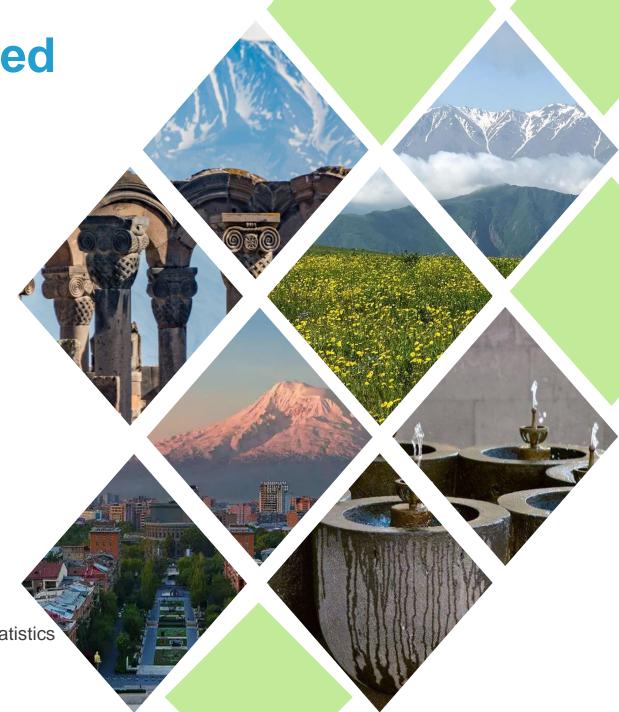
Disaster Related Statistics in Armenia

from data collection to publication of statistics

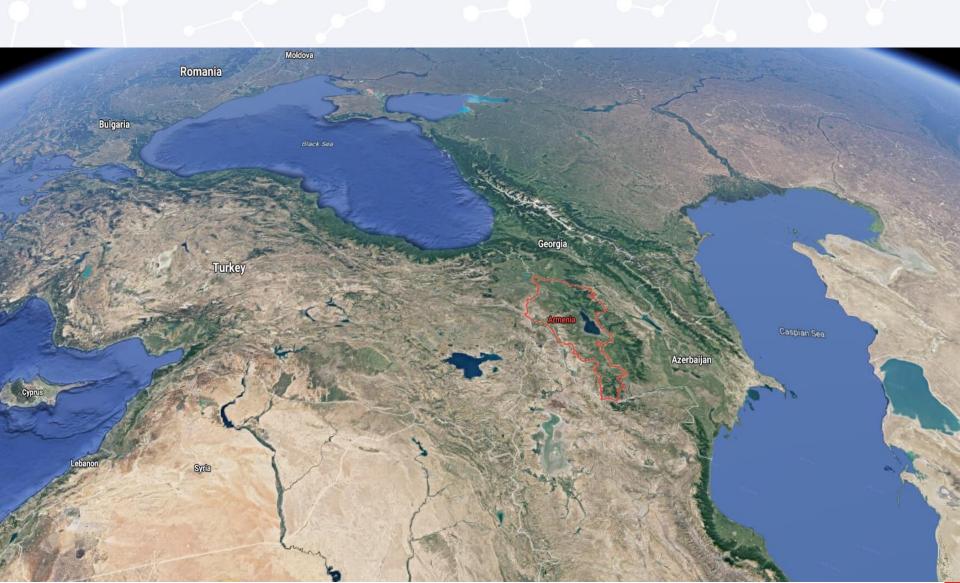


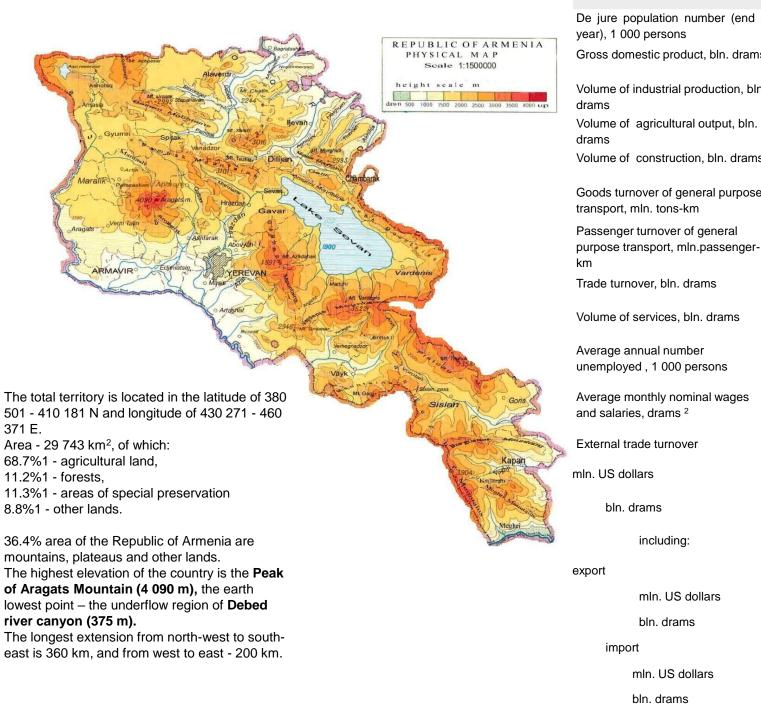
Naira Mandalyan

Statistical Committee of RA,
Division of Environmental statistics
and Natural Resources,
2023



REPUBLIC OF ARMENIA: GEOGRAPHY





2019 De jure population number (end of 2 959.7 year), 1 000 persons Gross domestic product, bln. drams 6 543.3 Volume of industrial production, bln. 2 091.5 Volume of agricultural output, bln. 853.3 Volume of construction, bln. drams 450.8 Goods turnover of general purpose transport, mln. tons-km

995.7

2 284.2

8 175.9²

3 923.4°

2 647.2°

1 270.5°

5 528.7°

2 652.9²

including:

mln. US dollars

bln. drams

mln. US dollars

bln. drams

833.3 433.5 898.6

706.6

2020

2 963.3

6 181.9

2 101.1

510.9 1 052.3 1 072.2

3 464 8

2021

2 961.4

6 983.0

2 419.4

934.4

3 280.5 2 918.8 1 993.4 1 721.7 240.8

1 914.9 199.0

234.4 182 673 189 716 204 048 7 101.0²

8 378.2 3 477.1² 4 197.3

3 016.0 1 514.3

5.362.2

2 683.0

1 242.1

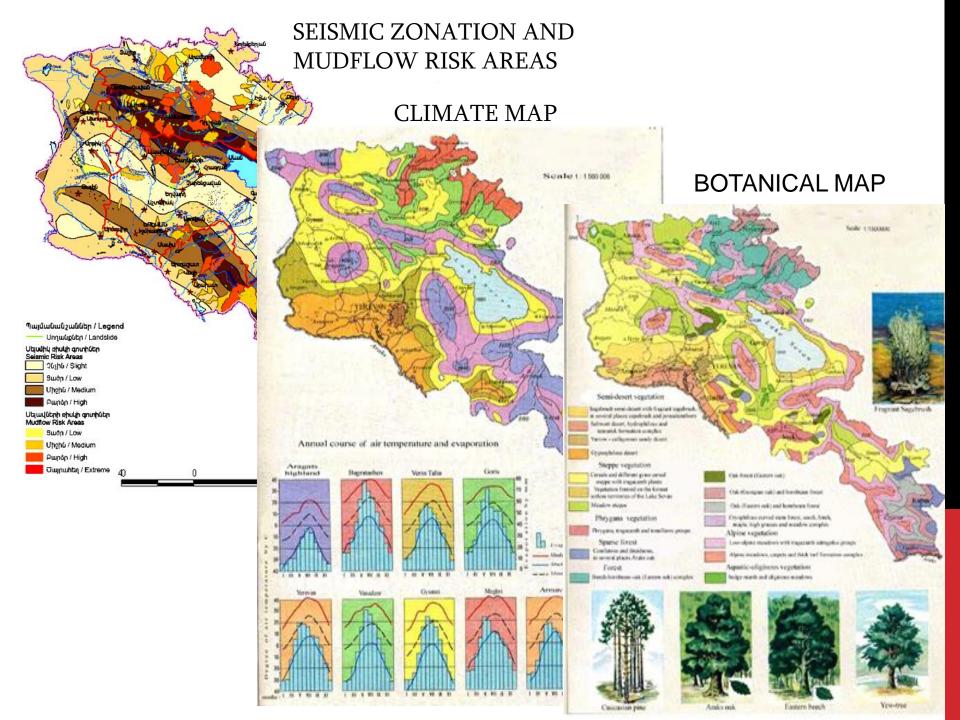
2 537.0

4 564.0°

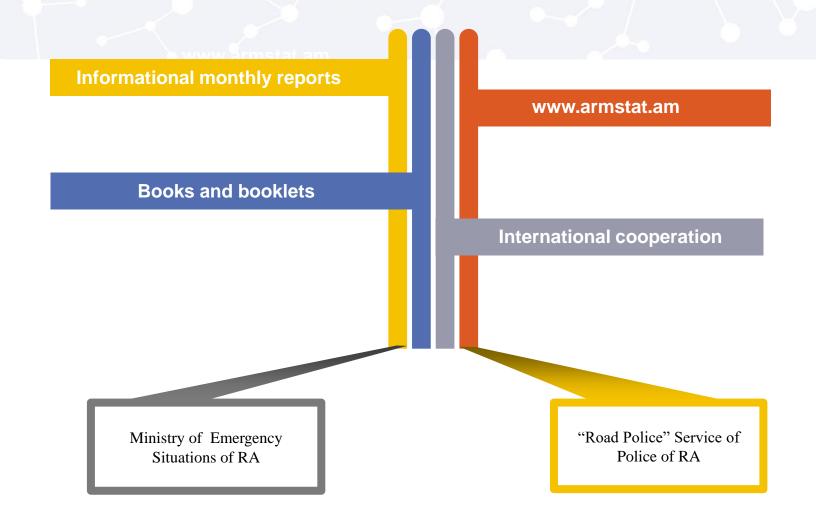
2 235.0°

Armenia, Spitak – December, 1988 Over 25,000 human lives





DISASTER DATA: FROM COLLECTION TO PUBLICATION



ARMSTAT PUBLICATIONS / DATABASES

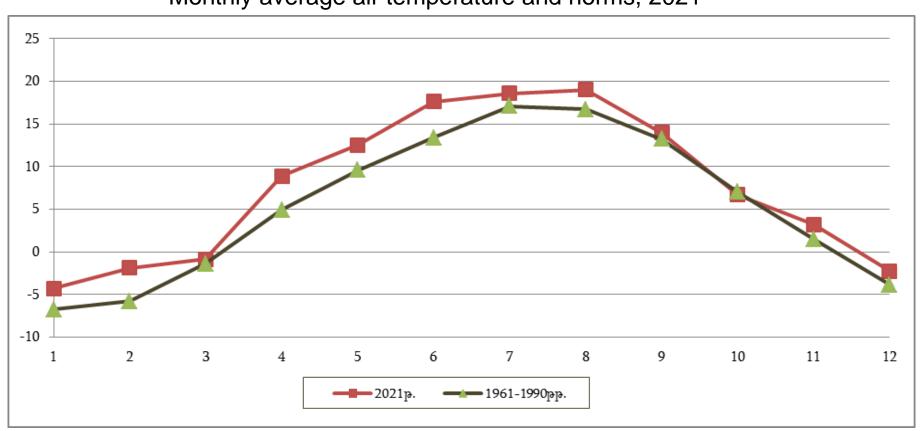




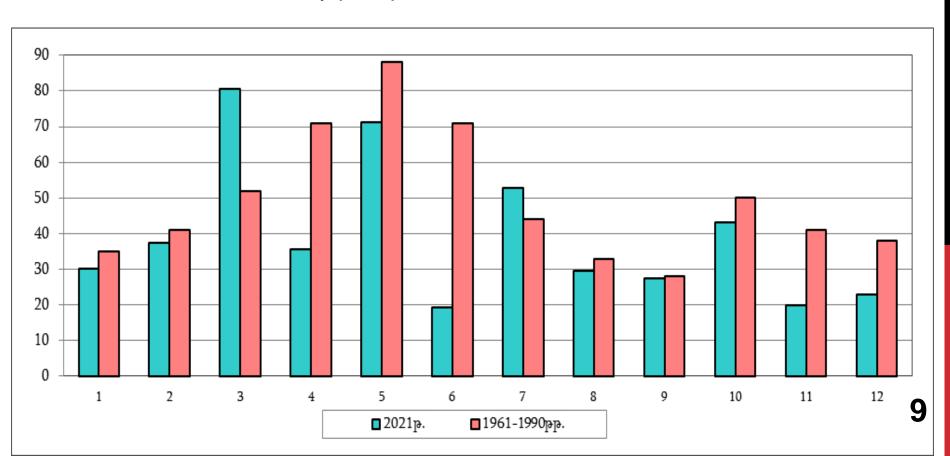
Environment and Natural Resources in the Republic of Armenia

SDG PLATFORM

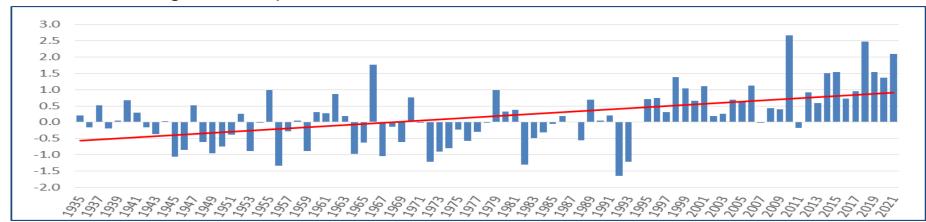
Monthly average air temperature and norms, 2021



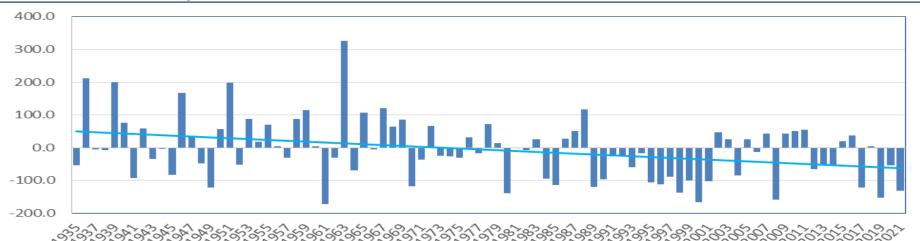
Monthly precipitations and norms, 2021



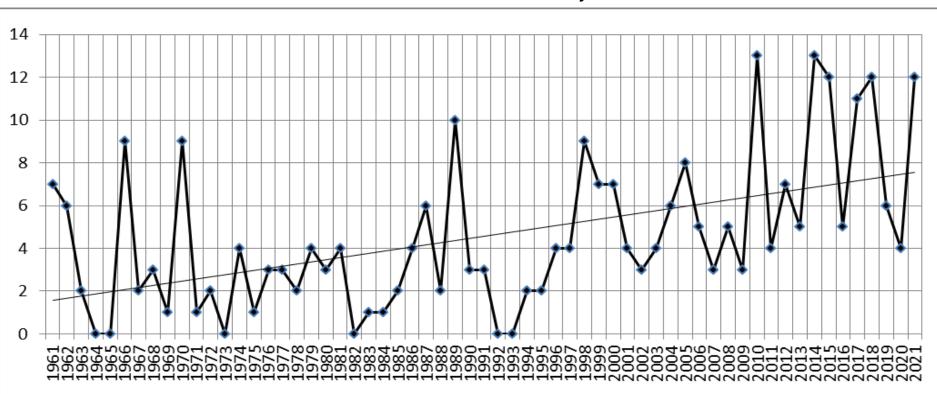
Annual average air temperature deviations from norm of 1961-1990, 1935-2021



Annual average precipitation deviations from norm of 1961-1990, 1935-2021



The number of cases of heat waves in Yerevan city, 1961-2021



EMERGENCY EVENTS CAUSED BY

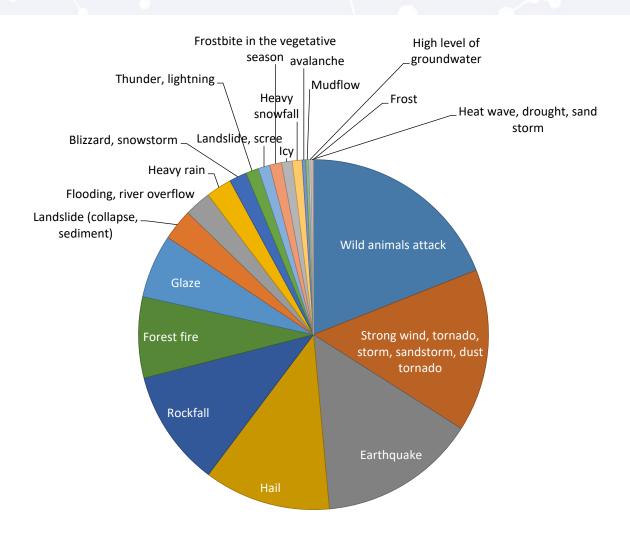
- Natural hazards
- Anthropogenic hazards
 - Road-traffic accidents
- Social-biological emergency events

Number of casualties from registered emergency events, of which by gender:

- dead,
- injured,
- evacuated
- rescued

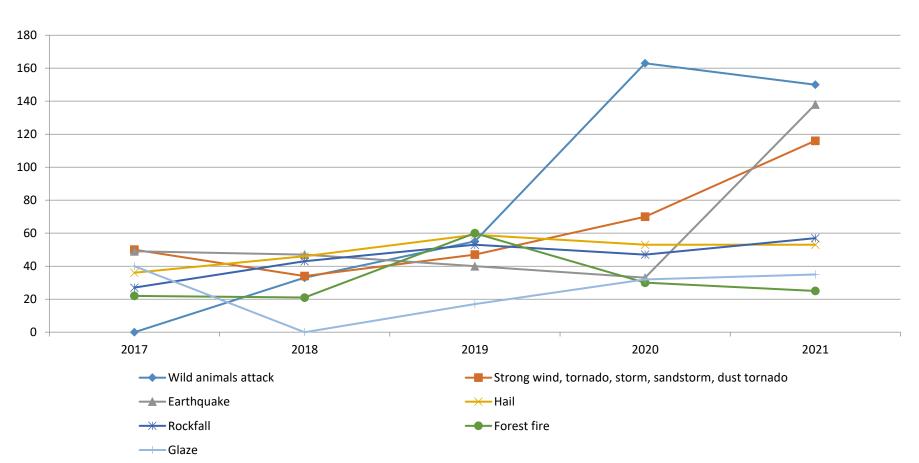
EMERGENCY EVENTS CAUSED BY NATURAL HAZARDS

Registered number of emergencies by type, 2017-2021



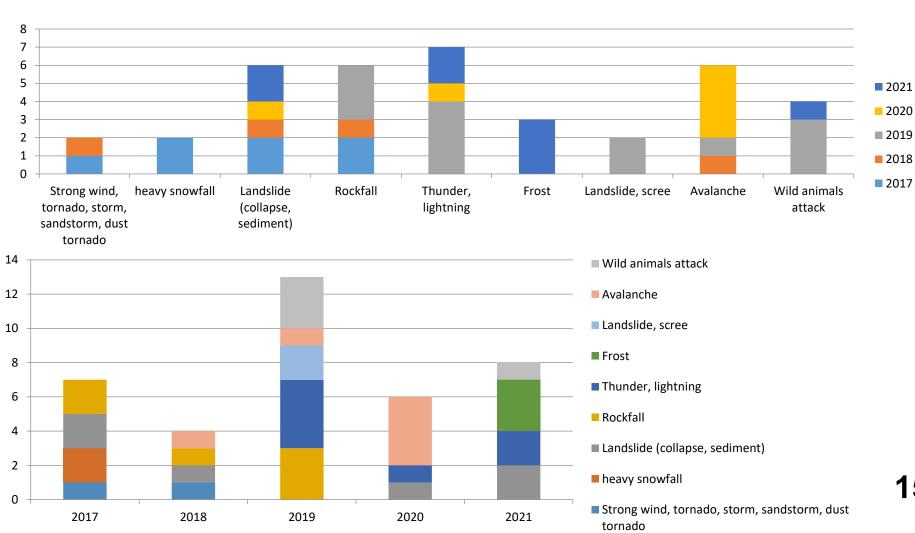
EMERGENCY EVENTS CAUSED BY NATURAL HAZARDS

Registered number of emergencies by type, 2017-2021



EMERGENCY EVENTS CAUSED BY NATURAL HAZARDS

Registered number of casualties from emergencies by type, 2017-2021



DROUGHT CONDITIONS BY TEN DAYS, APRIL-SEPTEMBER 2021

Regions	Stations		April		May			June			July			August			September		
		I	II	III	I	II	III	I	II	III	I	II	III	I	II	III	I	II	III
Valley	Bagratashen	5	5	5	5	5	3	2	1	1	1	1	1	1	1	1	1	1	2
	Meghri	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Kapan	4	2	2	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1
	Ararat	2	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Artashat	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Yerevan-Agro	3	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1
	Armavir	3	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Ijevan	5	5	4	5	5	4	4	3	1	1	1	1	1	1	1	1	1	2
Foothills	Dilijan	5	5	5	5	5	4	3	3	1	1	1	1	1	1	1	1	1	4
	Urtsadzor	3	2	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1
	Yerevan-Aero	4	3	2	3	2	2	1	1	1	1	1	1	1	1	1	1	1	1
	Ashtarak	5	3	2	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1
	Stepanavan	5	5	4	5	5	4	4	4	4	4	3	3	4	4	4	3	3	4
	Odzun	5	5	4	5	5	4	3	4	1	1	1	1	1	2	1	2	1	4
	Goris	5	4	3	5	5	5	1	1	1	1	1	1	2	2	2	1	1	3
	Eghvard	5	3	2	4	3	2	1	1	1	1	1	1	1	1	1	1	1	1
	Vanadzor	5	5	3	5	5	4	4	4	2	3	2	2	2	1	2	3	3	4
Mountain	Sisian	5	4	3	5	5	4	1	1	1	1	1	1	1	1	1	1	1	1
	Martuni	5	4	2	5	4	4	2	1	1	1	2	2	2	2	2	2	1	1
	Masrik	4	3	2	5	5	4	1	1	1	1	1	2	1	2	1	1	1	1
	Talin	5	5	2	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1
	Fantan	5	5	4	5	5	5	2	2	1	2	3	4	4	3	4	3	2	2
	Gavar	5	5	2	5	3	3	1	1	1	2	3	4	3	2	2	2	1	2
	Hrazdan	5	5	2	5	4	5	2	2	1	1	2	2	3	1	1	2	2	2
	Shorzha	4	3	2	3	2	2	1	1	1	1	2	3	2	2	1	1	1	2
	Aparan	5	5	3	5	3	3	2	2	1	1	1	2	3	1	1	1	1	1
	Sevan	5	5	3	5	5	5	3	4	1	1	3	3	4	3	2	1	1	2
	Chambarak	5	5	5	5	5	5	4	3	2	3	4	5	4	3	2	2	4	5
	Gyumri	3	3	2	5	3	4	3	3	1	1	1	1	1	1	1	1	1	1
	Amasia	5	5	5	5	5	4	4	4	1	1	1	4	5	5	4	4	4	4
	Tashir	5	5	5	5	5	5	4	4	3	3	3	4	3	3	3	3	3	4
Alpine	Tsaghkahovit	5	5	4	5	3	5	3	3	2	2	3	5	5	4	3	2	2	5
	Semyonovka	5	4	4	5	2	2	3	3	2	2	3	5	5	4	2	2	1	5
	Ashotsq	5	5	5	5	5	5	5	5	2	5	4	4	2	3	5	5	4	5
	Anonymous mountain pass	5	5	3	5	4	3	1	1	1	1	1	1	1	1	1	1	1	1
	Jermuk	5	5	5	5	5	4	1	1	1	1	1	1	1	1	1	1	1	1
	Amberd	5	5	4	5	3	3	1	1	1	1	1	2	2	1	1	1	1	1

1 – very strong,

2 - strong,

3 – medium,

4 - weak,

5 – no drought

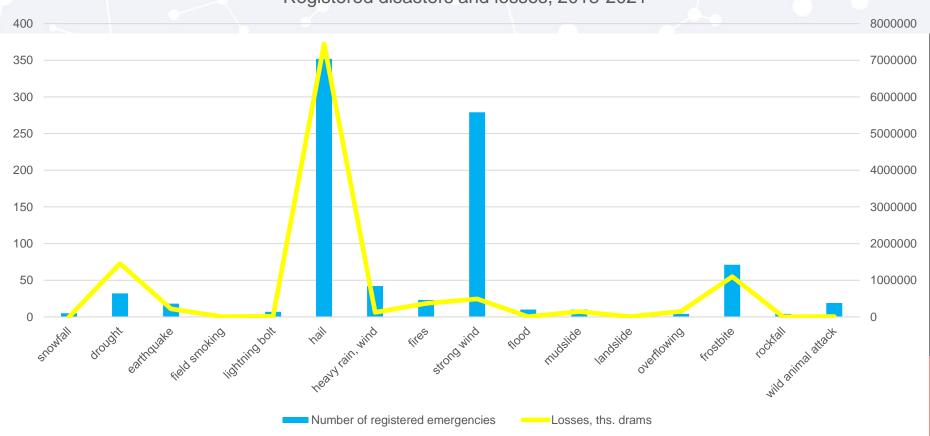
Losses and Damages

Acts drawn up by Regional Commissions are provided by the Ministry of Emergency Situations to the Statistical Committee from 2018. The following information is provided in the documents attached to the act:

- Region, community, settlement
- Date of the disaster
- Date of adoption of the act
- Name of the disaster
- Caused damages: land areas (gardens) /ha/ and buildings (units), (m²)
- Losses (approx., in drams)

Challenges: Losses and Damages





LEGAL FRAMEWORK FOR NDC IMPLEMENTATION

- UNFCCC and Kyoto Protocol, ratified by Armenia in May 1993 and December 2002, respectively
- The Paris Agreement and the Doha Amendment to the Kyoto Protocol, ratified in February 2017
- The Sendai Action Plan for Disaster Risk Reduction 2015-2030, which Armenia joined in 2015.
- The Comprehensive and Enhanced Partnership Agreement between the European Union and the Republic of Armenia (CA-EU CPA), ratified in April 2018.
- Decision of the Government of the Republic of Armenia N 610 L dated 22.04.2021 "On approval of the Nationally Determined Contribution 2021-2030 of the Republic of Armenia to Paris Agreement"
- Decree of the Government of the Republic of Armenia N 749 L dated 13.05.2021 "On approval of the National Action Program of Adaptation to Climate Change and the List of Measures for 2021-2025".

