

## OVERVIEW

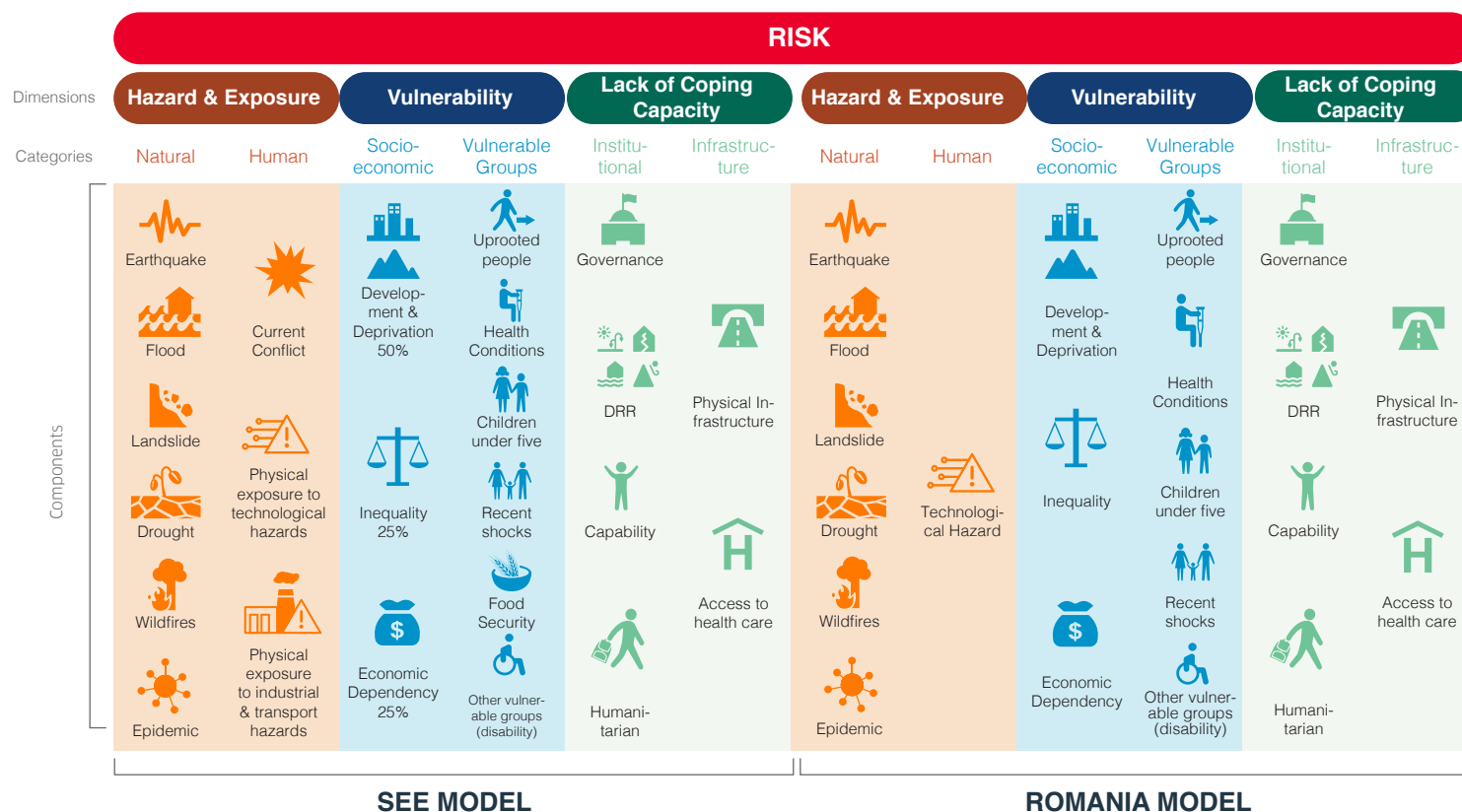
The subnational Index for Risk Management (INFORM) is a way to understand and measure the risk of disasters. It helps identify where and why humanitarian crises are likely to occur and shows how risks differ within each country across its subnational units and between subnational units of different countries.

### Data on 207 administrative units

There are a total of 165 municipalities in Albania, Montenegro and North Macedonia, and 42 counties (județ-s) in Romania.

### INFORM SEE covers 67 indicators and 54 indicators in the case of INFORM Romania

The model builds up a picture of risk by bringing together 67 different indicators that measure three dimensions: hazard and exposure, vulnerability, and lack of coping capacity. Each dimension is composed of a number of risk categories, e.g. natural hazards, vulnerable groups, or infrastructure capacity. Categories comprise numerous components. While the dimensions and categories are constant across all INFORM models, the components are carefully chosen sets of indicators that capture a specific topic that is relevant and specific to the region, e.g. landslides, number of children under five, or physical infrastructure. Indicators are the individual datasets that make up INFORM risk index, e.g. the physical exposure to earthquakes of a certain magnitude, child mortality rate, or road density. Below, the structure of INFORM for Southeast Europe is presented.





## DATA RELIABILITY

The model includes a lack of reliability index, which considers missing indicators, the recentness of the data, and the degree of subnational data that was included (national averages were used when subnational data was missing – a less desired practice). It scores data on a scale from 0 to 10, where 10 is least reliable. The lack of reliability index shows that results are reliable, with low variability of reliability across units, except

for several municipalities in North Macedonia due to high degree of missing data and data replacements. Due to data availability at geographic level supposed for the model, 50-60% of the indicators for Albania, Montenegro and North Macedonia are covered with data at municipality level, while on contrary close to 90% of the indicators for counties in Romania are covered with data at county level.

## HOW TO USE THIS MODEL

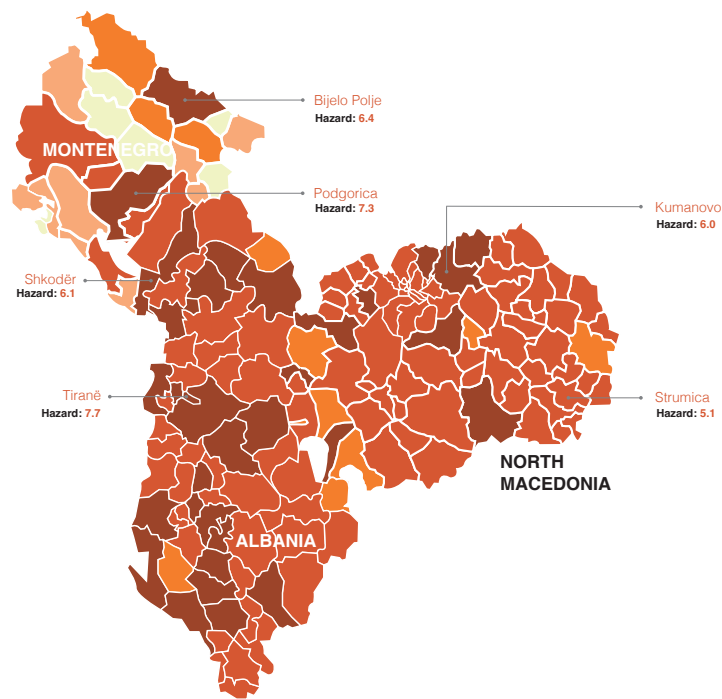
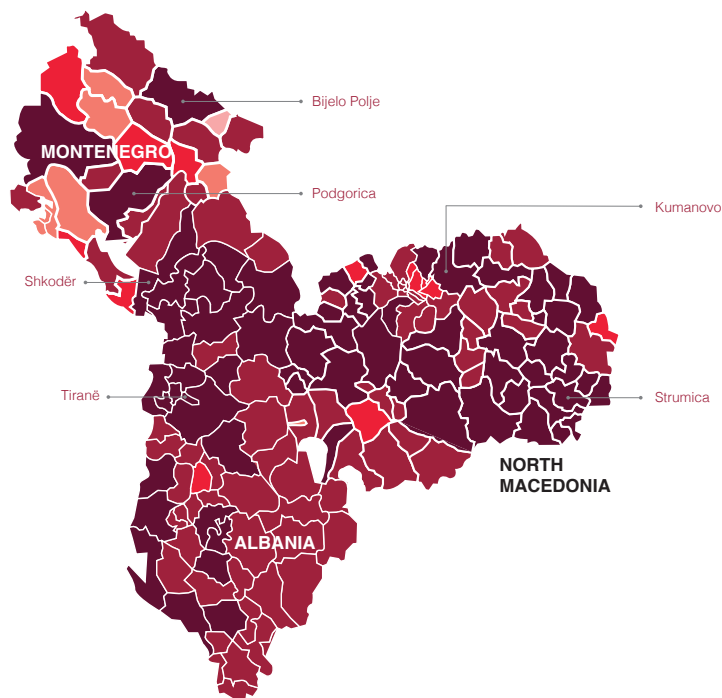
 National government or intergovernmental risk assessment and development planning can be updated to include INFORM results and components.

 By relying on shared risk analysis, government, donors, humanitarian & development actors can align their actions and funding decisions towards risk reduction and management.

 INFORM can help integrate disaster risk management into ongoing government, development, DRR, humanitarian, and preparedness planning processes.

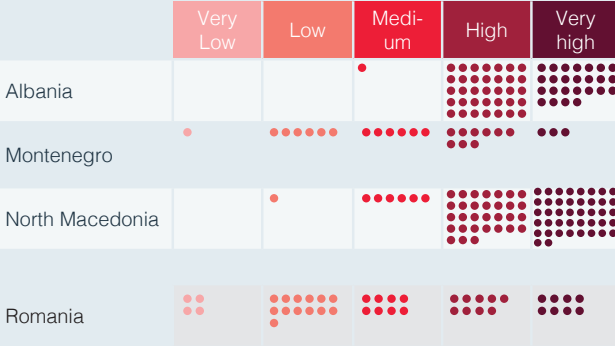
 Validated to global standards, INFORM can support inter-agency processes: Common Country Assessment, UN Development Assistance Framework, monitoring of the Sendai Framework for DRR, etc.

SOUTHEAST EUROPE

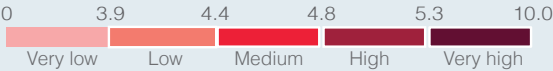


RISK DISTRIBUTION

The graph below illustrates how risk levels are spread within a country and allows comparison across the region. In 2022, eight counties in Romania and seventy municipalities across Albania, Montenegro and North Macedonia are prone to high risk comparing to the rest of administrative units in the Southeast Europe region.



LEGEND

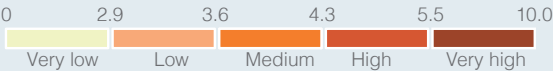


HAZARD AND EXPOSURE

This dimension of INFORM measures hazardous events that could occur and the people or assets potentially affected by them. It is made up of two categories – natural hazards and human hazards. These maps show details for the six subnational units in each sub-region with the highest values in the hazard & exposure dimension.

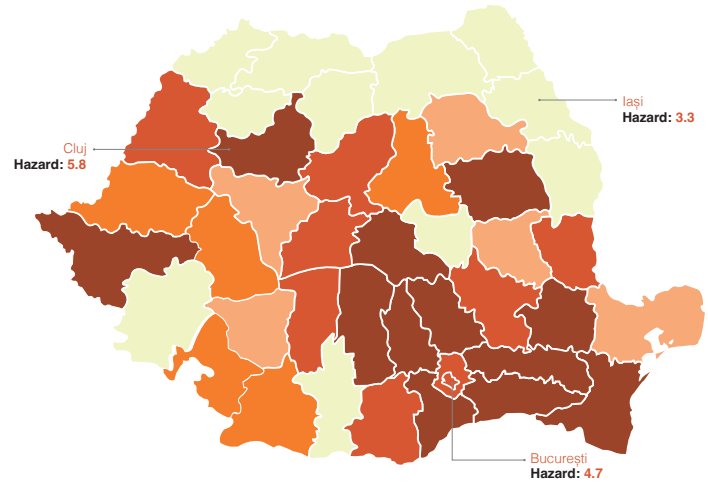
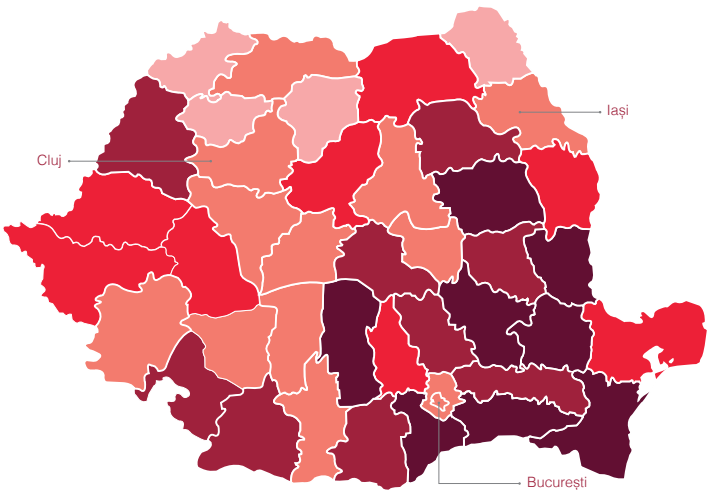
		Natural	Human
ALB	Shkodër	6.9	5.2
ALB	Tiranë	6.2	8.7
MNE	Bijelo Polje	6.0	6.8
MNE	Podgorica	6.5	8.0
MKD	Kumanovo	7.7	3.5
MKD	Strumica	6.3	3.5

LEGEND

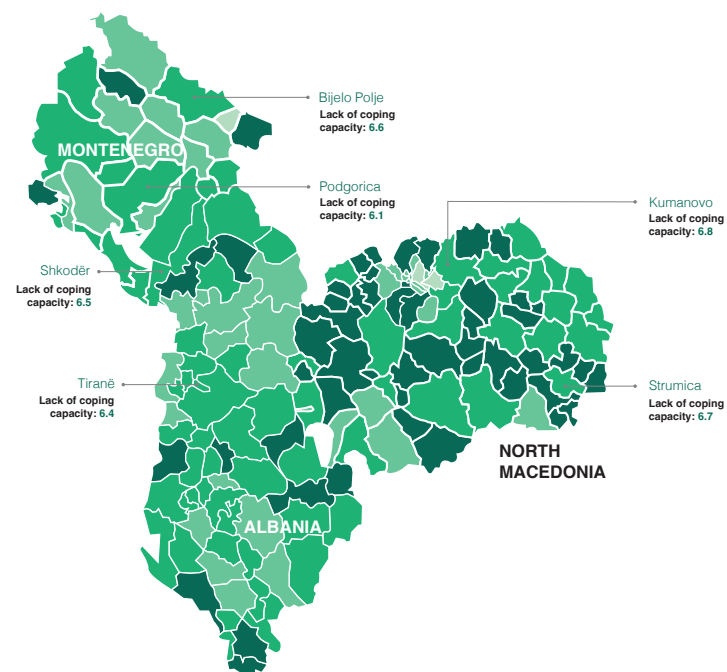
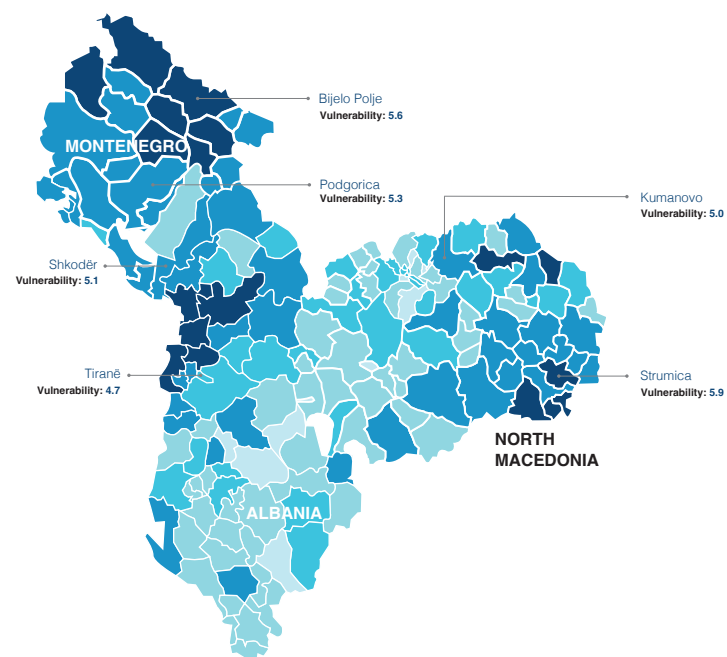


ALB - Albania MNE - Montenegro MKD - North Macedonia ROU - Romania

ROMANIA



SOUTH EAST EUROPE

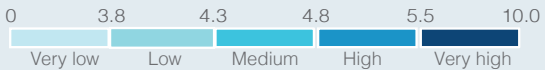


VULNERABILITY

This dimension of INFORM measures the susceptibility of people to potential hazards. It is made up of two categories – socio-economic vulnerability and vulnerable groups. These maps show details for the six subnational units in each sub-region with the highest values in the vulnerability dimension.

		Socio-economic vulnerability	Vulnerable groups
ALB	Shkodër	4.8	5.4
ALB	Tiranë	4.5	4.9
MNE	Bijelo Polje	6.5	4.5
MNE	Podgorica	6.1	4.3
MKD	Kumanovo	6.1	3.6
MKD	Strumica	7.1	4.3

LEGEND

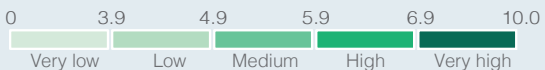


LACK OF COPING CAPACITY

This dimension of INFORM measures the lack of resources available that can help people cope with hazardous events. It is made up of two categories – institutions and infrastructure. These maps show details for the six subnational units in each sub-region with the highest values in the lack of coping capacity dimension.

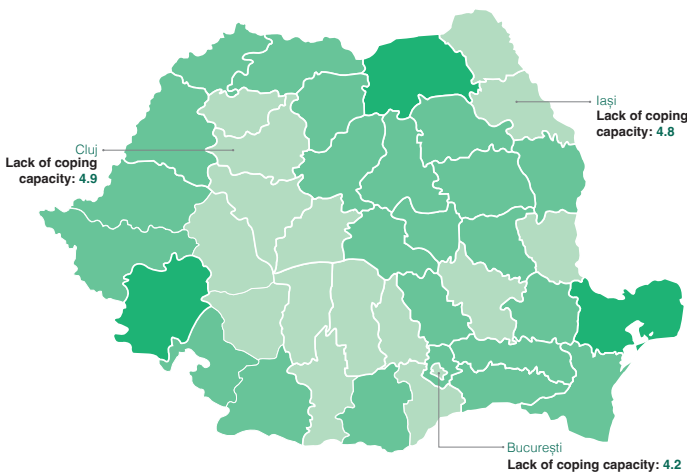
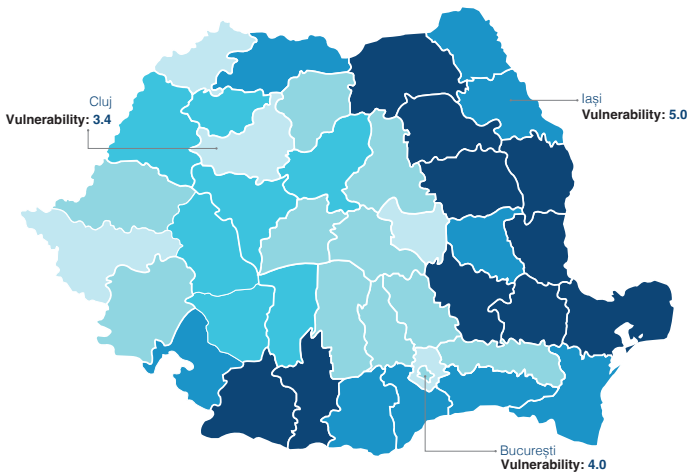
		Institutional	Infrastructure
ALB	Shkodër	6.1	6.9
ALB	Tiranë	6.4	6.3
MNE	Bijelo Polje	7.1	6.0
MNE	Podgorica	6.8	5.4
MKD	Kumanovo	7.2	6.3
MKD	Strumica	6.1	7.2

LEGEND



ALB - Albania MNE - Montenegro MKD - North Macedonia ROU - Romania

ROMANIA



## DETAILED RESULTS - ROMANIA

COUNTRY	COUNTY LEVEL	Natural	Human	HAZARD & EXPOSURE	Socio-Economic Vulnerability	Vulnerable Groups	VULNERABILITY	Institutional	Infrastructure	LACK OF COPING CAPACITY	INFORM RISK	RISK CLASS	Rank	Lack of Reliability Index (*)
(a-z)	(a-z)	(0-10)	(0-10)	(0-10)	(0-10)	(0-10)	(0-10)	(0-10)	(0-10)	(0-10)	(0-10)	(V.Low-V. High)	(1-44)	(0-10)
Romania	Alba	2.4	5.8	4.3	4.1	5.8	5.0	4.2	5.0	4.6	4.6	Low	26	1.0
	Arad	4.7	5.1	4.9	3.5	4.4	4.0	5.1	6.6	5.9	4.9	High	20	1.0
	Argeş	4.7	8.9	7.3	4.7	4.3	4.5	4.7	5.0	4.9	5.4	Very High	7	1.0
	Bacău	6.9	5.7	6.3	6.8	5.0	6.0	5.2	4.9	5.1	5.8	Very High	2	1.0
	Bihor	4.2	6.1	5.2	2.8	6.2	4.7	6.4	4.5	5.5	5.1	High	15	1.0
	Bistriţa-Năsăud	2.1	2.2	2.2	3.2	5.3	4.3	5.5	6.2	5.9	3.8	Very Low	39	1.0
	Botoşani	3.1	0.3	1.8	6.1	4.6	5.4	3.3	4.6	4.0	3.4	Very Low	42	1.0
	Brăila	6.1	7.4	6.8	5.4	7.2	6.4	4.4	6.5	5.5	6.2	Very High	1	1.0
	Braşov	4.2	8.6	6.9	3.7	4.7	4.2	4.9	5.1	5.0	5.3	High	9	1.0
	Bucureşti	6.1	2.8	4.7	1.3	5.9	4.0	6.0	1.7	4.2	4.3	Low	34	1.7
	Buzău	5.6	5.3	5.5	6.4	4.8	5.7	4.5	5.3	4.9	5.4	High	7	1.0
	Călăraşi	5.2	6.0	5.6	4.8	5.9	5.4	4.3	6.8	5.7	5.6	Very High	4	1.0
	Caraş-Severin	2.6	1.8	2.2	3.7	4.4	4.1	6.1	6.7	6.4	3.9	Very Low	38	1.0
	Cluj	4.2	7.0	5.8	2.7	4.1	3.4	6.2	3.2	4.9	4.6	Medium	26	1.0
	Constanta	4.3	6.8	5.7	5.0	5.3	5.2	6.6	5.1	5.9	5.6	Very High	4	1.0
	Covasna	2.8	4.0	3.4	3.9	3.2	3.6	5.1	6.1	5.6	4.1	Low	36	1.0
	Dâmboviţa	7.5	3.5	5.9	4.6	3.4	4.0	5.5	4.3	4.9	4.9	High	20	1.0
	Dolj	5.9	2.6	4.5	6.3	5.2	5.8	5.7	4.5	5.1	5.1	High	15	1.0
	Galaţi	5.8	5.1	5.5	6.3	6.6	6.5	5.5	5.2	5.4	5.8	Very High	2	1.0
	Giurgiu	5.4	7.1	6.3	4.6	6.1	5.4	3.5	5.9	4.8	5.5	Very High	6	1.5
	Gorj	4.0	3.5	3.8	5.3	4.3	4.8	6.2	4.4	5.4	4.6	Medium	26	1.0
	Harghita	2.8	6.1	4.7	4.1	3.7	3.9	5.0	5.3	5.2	4.6	Medium	26	1.0
	Hunedoara	3.2	5.0	4.2	3.9	5.7	4.9	5.3	4.5	4.9	4.7	Medium	24	1.0
	Ialomiţa	6.5	5.8	6.2	5.0	3.3	4.2	3.2	7.2	5.5	5.2	High	11	1.0
	Iasi	5.6	0.1	3.3	6.2	3.5	5.0	5.7	3.8	4.8	4.3	Medium	34	1.0
	Ilfov	4.8	5.8	5.3	1.4	3.7	2.6	6.4	3.2	5.0	4.1	Low	36	2.0
	Maramureş	3.1	2.3	2.7	3.1	7.0	5.4	5.1	6.2	5.7	4.4	Low	32	1.0
	Mehedinţi	5.9	3.4	4.8	5.9	4.8	5.4	4.9	5.7	5.3	5.2	High	11	1.0
	Mureş	3.1	6.7	5.2	4.0	4.7	4.4	5.5	4.5	5.0	4.9	High	20	1.0
	Neamţ	4.4	3.7	4.1	6.5	6.2	6.4	4.7	5.8	5.3	5.2	High	11	1.0
	Olt	3.8	2.5	3.2	5.8	5.7	5.8	3.8	5.3	4.6	4.4	Low	32	1.0
	Prahova	6.5	6.6	6.6	4.3	4.3	4.3	6.6	3.7	5.3	5.3	High	9	1.0
	Sălaj	2.1	2.6	2.4	3.7	5.8	4.8	3.9	4.7	4.3	3.7	Very Low	40	1.0
	Satu Mare	3.9	1.0	2.6	3.4	4.0	3.7	4.5	5.8	5.2	3.7	Very Low	40	1.0
	Sibiu	4.1	6.1	5.2	3.7	4.4	4.1	4.0	4.5	4.3	4.5	Medium	31	1.0
	Suceava	3.4	2.0	2.7	6.6	6.3	6.5	5.7	6.4	6.1	4.7	Medium	24	1.0
	Teleorman	6.3	3.7	5.1	5.9	3.5	4.8	4.5	6.9	5.8	5.2	High	11	1.0
	Timiş	6.3	5.3	5.8	3.3	4.1	3.7	6.7	5.0	5.9	5.0	High	18	1.0
	Tulcea	3.9	3.2	3.6	5.4	6.4	5.9	4.2	7.3	6.0	5.0	High	18	1.0
	Vâlcea	5.7	4.4	5.1	5.2	4.4	4.8	4.2	4.0	4.1	4.6	Medium	26	1.0
	Vaslui	4.7	1.1	3.1	7.5	6.6	7.1	4.8	5.9	5.4	4.9	High	20	1.0
	Vrancea	5.3	4.1	4.7	6.0	4.8	5.4	4.3	5.9	5.2	5.1	High	15	1.0

(\*) Reliability Index: 0 more reliable, 10 less reliable.

# DETAILED RESULTS - SEE

COUNTRY	MUNICIPALITY LEVEL	Natural	Human	HAZARD & EXPOSURE	Socio-Economic Vulnerability	Vulnerable Groups	VULNERABILITY	Institutional	Infrastructure	LACK OF COPING CAPACITY	INFORM RISK	RISK CLASS	Rank	Lack of Reliability Index (*)
(a-z)	(a-z)	(0-10)	(0-10)	(0-10)	(0-10)	(0-10)	(0-10)	(0-10)	(0-10)	(0-10)	(0-10)	(V.Low-V. High)	(1-44)	(0-10)
Albania	Belsh	3.6	5.2	4.4	4.6	2.8	3.8	6.5	7.1	6.8	4.8	Medium	146	8.0
	Berat	7.1	5.2	6.2	4.6	4.1	4.4	5.8	6.1	6.0	5.5	Very High	44	7.9
	Bulqizë	5.4	5.2	5.3	6.0	3.1	4.7	6.1	5.7	5.9	5.3	High	71	7.9
	Cërrik	5.1	5.2	5.2	4.6	2.8	3.8	6.5	7.4	7.0	5.2	High	91	8.0
	Delvinë	4.3	5.2	4.8	4.5	3.9	4.2	5.3	8.0	6.9	5.2	High	91	7.9
	Devoll	3.9	5.2	4.6	4.5	3.9	4.2	6.1	6.3	6.2	4.9	High	137	7.9
	Dibër	5.7	5.2	5.5	6.0	4.3	5.2	5.9	5.9	5.9	5.5	Very High	44	7.9
	Dimal	6.1	5.2	5.7	4.6	3.3	4.0	6.5	6.4	6.5	5.3	High	71	8.0
	Divjakë	5.8	5.2	5.5	5.0	2.9	4.0	6.5	8.3	7.5	5.5	Very High	44	8.0
	Dropull	5.0	5.2	5.1	4.5	3.6	4.1	6.5	6.8	6.7	5.2	High	91	8.0
	Durrës	5.9	5.2	5.6	4.9	7.2	6.2	6.2	5.6	5.9	5.9	Very High	11	7.9
	Elbasan	7.0	5.2	6.2	4.6	5.1	4.9	6.2	6.2	6.2	5.7	Very High	24	7.9
	Fier	7.3	5.2	6.4	5.0	4.2	4.6	6.1	6.3	6.2	5.7	Very High	24	7.9
	Finiq	4.2	5.2	4.7	4.5	3.4	4.0	6.5	7.6	7.1	5.1	High	117	8.0
	Fushë-Arrëz	4.4	8.1	6.6	4.8	2.9	3.9	6.5	8.1	7.4	5.8	Very High	16	8.0
	Gjirokastrë	6.4	5.2	5.8	4.5	5.7	5.1	5.3	5.7	5.5	5.5	Very High	44	7.9
	Gramsh	5.7	5.2	5.5	4.6	3.0	3.8	5.9	6.5	6.2	5.1	High	117	7.9
	Has	3.3	5.2	4.3	6.2	2.5	4.6	5.8	6.4	6.1	4.9	High	137	7.9
	Himarë	4.3	8.1	6.6	4.5	3.4	4.0	6.5	7.7	7.1	5.7	Very High	24	8.0
	Kamëz	4.7	5.2	5.0	4.5	5.5	5.0	6.5	4.2	5.5	5.2	High	91	8.0
	Kavajë	3.7	5.2	4.5	4.5	6.0	5.3	6.2	5.0	5.6	5.1	High	117	7.9
	Këlcyrë	5.2	5.2	5.2	4.5	3.6	4.1	6.5	6.5	6.5	5.2	High	91	8.0
	Klos	5.2	5.2	5.2	6.0	2.4	4.4	6.5	7.1	6.8	5.4	Very High	59	8.0
	Kolonjë	3.6	5.2	4.4	4.5	4.9	4.7	5.5	6.6	6.1	5.0	High	129	7.9
	Konispol	4.0	5.2	4.6	4.5	3.4	4.0	6.5	7.6	7.1	5.1	High	117	8.0
	Korçë	3.7	5.2	4.5	4.5	4.9	4.7	5.9	6.6	6.3	5.1	High	117	7.9
	Krujë	5.8	5.2	5.5	4.9	7.0	6.1	6.2	5.9	6.1	5.9	Very High	11	7.9
	Kuçovë	5.0	5.2	5.1	4.6	4.2	4.4	5.7	6.0	5.9	5.1	High	117	8.1
	Kukës	6.1	5.2	5.7	6.2	4.8	5.5	5.8	5.4	5.6	5.6	Very High	35	7.9
	Kurbin	5.5	5.2	5.4	5.0	6.4	5.7	6.1	6.3	6.2	5.8	Very High	16	7.9
	Lezhë	7.1	5.2	6.2	5.0	7.0	6.1	5.9	5.9	5.9	6.1	Very High	3	7.9
	Libohovë	4.8	5.2	5.0	4.5	3.6	4.1	6.5	7.1	6.8	5.2	High	91	8.0
	Librazhd	6.2	5.2	5.7	4.6	3.5	4.1	5.9	6.3	6.1	5.2	High	91	7.9
	Lushnjë	5.1	5.2	5.2	5.0	4.3	4.7	6.2	5.8	6.0	5.3	High	71	7.9
	Malësi e Madhe	4.2	5.2	4.7	4.8	3.5	4.2	6.0	6.6	6.3	5.0	High	129	7.9
	Maliq	4.8	5.2	5.0	4.5	3.3	3.9	6.5	7.7	7.1	5.2	High	91	7.9
	Mallakastër	5.0	5.2	5.1	5.0	3.4	4.2	6.1	5.4	5.8	5.0	High	129	7.9
	Mat	4.5	5.2	4.9	6.0	3.7	5.0	5.8	6.0	5.9	5.2	High	91	7.9
	Memaliaj	6.2	5.2	5.7	4.5	3.6	4.1	6.5	6.9	6.7	5.4	Very High	59	8.0
	Mirditë	5.2	5.2	5.2	5.0	6.7	5.9	5.8	5.7	5.8	5.6	Very High	35	7.9
	Patos	4.4	5.2	4.8	5.0	2.9	4.0	6.0	6.2	6.1	4.9	High	137	8.0
	Peqin	5.6	5.2	5.4	4.6	3.2	3.9	6.1	5.8	6.0	5.0	High	129	7.9
	Përmet	5.9	5.2	5.6	4.5	3.1	3.8	5.3	5.6	5.5	4.9	High	137	7.9
	Pogradec	5.2	5.2	5.2	4.5	3.4	4.0	6.1	6.5	6.3	5.1	High	117	7.9
	Polçan	6.0	5.2	5.6	4.6	3.3	4.0	6.5	7.3	6.9	5.4	Very High	59	8.0
	Prrenjas	4.5	5.2	4.9	4.6	2.8	3.8	6.5	7.7	7.1	5.1	High	117	8.0
	Pukë	4.6	8.1	6.7	4.8	3.9	4.4	5.2	7.3	6.4	5.7	Very High	24	7.9
	Pustec	1.8	5.2	3.7	4.5	6.1	5.4	6.5	8.3	7.5	5.3	High	71	8.0
	Roskovec	5.6	5.2	5.4	5.0	2.9	4.0	6.5	7.2	6.9	5.3	High	71	8.0
	Rrogozhinë	4.3	5.2	4.8	4.5	5.5	5.0	6.5	7.2	6.9	5.5	Very High	44	8.0
	Sarandë	5.1	5.2	5.2	4.5	3.7	4.1	6.0	6.1	6.1	5.1	High	117	7.9
	Selenicë	5.1	5.2	5.2	4.5	3.4	4.0	6.5	7.3	6.9	5.2	High	91	8.0
	Shijak	4.7	5.2	5.0	4.9	5.7	5.3	6.1	6.5	6.3	5.5	Very High	44	8.0

(\*) Reliability Index: 0 more reliable, 10 less reliable.

# DETAILED RESULTS - SEE

COUNTRY	MUNICIPALITY LEVEL	Natural	Human	HAZARD & EXPOSURE	Socio-Economic Vulnerability	Vulnerable Groups	VULNERABILITY	Institutional	Infrastructure	LACK OF COPING CAPACITY	INFORM RISK	RISK CLASS	Rank	Lack of Reliability Index (*)
Albania	Shkodër	6.9	5.2	6.1	4.8	5.4	5.1	6.1	6.9	6.5	5.9	Very High	11	7.9
	Skrapar	5.3	5.2	5.3	4.6	3.8	4.2	5.2	6.1	5.7	5.0	High	129	7.9
	Tepelenë	6.2	5.2	5.7	4.5	4.1	4.3	4.6	6.0	5.3	5.1	High	117	7.9
	Tiranë	6.2	8.7	7.7	4.5	4.9	4.7	6.4	6.3	6.4	6.1	Very High	3	7.8
	Tropojë	4.3	5.2	4.8	6.2	3.0	4.8	5.9	6.2	6.1	5.2	High	91	7.9
	Vau i Dejës	5.3	5.2	5.3	4.8	4.9	4.9	6.5	7.6	7.1	5.7	Very High	24	8.0
	Vlorë	5.9	5.2	5.6	4.5	5.8	5.2	6.2	6.6	6.4	5.7	Very High	24	7.9
	Vorë	3.7	8.2	6.5	4.5	5.5	5.0	6.5	5.4	6.0	5.8	Very High	16	8.1
Montenegro	Andrijevisa	3.9	2.6	3.3	6.6	6.5	6.6	3.4	6.3	5.0	4.8	Medium	146	5.4
	Bar	5.8	2.6	4.4	6.2	3.5	5.0	6.4	6.6	6.5	5.2	High	91	5.4
	Berane	5.3	2.6	4.1	6.6	5.3	6.0	6.4	4.4	5.5	5.1	High	117	5.4
	Bijelo Polje	6.0	6.8	6.4	6.5	4.5	5.6	7.1	6.0	6.6	6.2	Very High	1	5.4
	Budva	3.9	2.6	3.3	6.2	4.5	5.4	4.3	7.7	6.3	4.8	High	146	5.4
	Cetinje	3.4	2.6	3.0	6.2	4.2	5.3	5.1	5.3	5.2	4.4	Low	158	5.4
	Danilovgrad	6.1	2.6	4.6	6.1	3.9	5.1	4.6	7.7	6.4	5.3	High	71	5.4
	Gusinje	3.9	2.6	3.3	6.6	3.5	5.3	5.4	7.7	6.7	4.9	High	137	6.8
	Herceg Novi	4.4	2.6	3.6	6.2	4.7	5.5	7.1	7.4	7.3	5.2	High	91	5.4
	Kolašin	3.0	2.6	2.8	6.5	4.5	5.6	4.7	6.7	5.8	4.5	High	157	5.4
	Kotor	3.6	2.6	3.1	6.2	4.3	5.3	6.3	4.1	5.3	4.4	Low	158	5.4
	Mojkovac	5.6	2.6	4.3	6.5	5.5	6.0	4.5	6.1	5.4	5.2	High	91	5.4
	Nikšić	4.2	4.7	4.5	6.2	4.6	5.5	7.3	6.2	6.8	5.5	Very High	44	5.0
	Petnjica	1.6	2.6	2.1	6.6	3.1	5.1	4.8	4.6	4.7	3.7	Very Low	165	6.8
	Plav	2.5	2.6	2.6	6.6	3.9	5.4	4.5	7.3	6.1	4.4	Low	158	5.4
	Pljevlja	4.8	2.6	3.8	6.5	4.5	5.6	6.2	5.4	5.8	5.0	High	129	5.4
	Plužine	3.5	2.6	3.1	6.4	4.6	5.6	4.0	7.6	6.1	4.7	Medium	152	5.4
	Podgorica	6.5	8.0	7.3	6.1	4.3	5.3	6.8	5.4	6.1	6.2	Very High	1	5.0
	Rožaje	3.6	2.6	3.1	6.6	3.7	5.3	6.7	7.2	7.0	4.9	High	137	5.4
	Šavnik	2.5	2.6	2.6	6.5	3.2	5.1	4.8	6.8	5.9	4.3	Low	162	5.4
	Tivat	3.0	2.6	2.8	6.2	3.6	5.0	6.0	6.4	6.2	4.4	Low	158	5.4
	Tuzi	3.2	6.8	5.3	6.2	3.3	4.9	5.9	5.2	5.6	5.3	High	71	7.9
	Ulcinj	3.3	2.6	3.0	6.2	3.5	5.0	6.0	7.6	6.9	4.7	Medium	152	5.4
	Žabljak	2.0	2.6	2.3	6.5	3.3	5.1	5.4	8.1	7.0	4.3	Low	162	5.4
North Macedonia	Aerodrom	6.3	3.5	5.1	5.4	3.7	4.6	7.0	3.0	5.3	5.0	High	129	5.3
	Arachinovo	6.3	3.5	5.1	5.5	1.4	3.7	6.1	5.6	5.9	4.8	Medium	146	8.6
	Berovo	5.1	3.5	4.3	5.6	4.7	5.2	6.1	7.1	6.6	5.3	High	71	4.1
	Bitola	6.9	3.5	5.4	5.4	4.2	4.8	6.1	5.3	5.7	5.3	High	71	3.1
	Bogdanci	5.8	3.5	4.8	7.2	5.2	6.3	6.1	8.4	7.4	6.1	Very High	3	7.9
	Bogovinje	6.2	3.5	5.0	5.9	1.5	4.0	6.1	8.2	7.3	5.3	High	71	8.1
	Bosilovo	6.8	3.5	5.4	7.2	2.6	5.3	6.1	9.1	7.9	6.1	Very High	3	8.1
	Brvenica	6.1	3.5	4.9	5.9	2.6	4.5	6.1	9.4	8.2	5.7	Very High	24	8.1
	Butel	7.3	3.5	5.7	5.5	3.4	4.5	6.6	4.2	5.5	5.2	High	91	6.3
	Centar	5.8	3.5	4.8	5.4	4.4	4.9	6.8	2.1	4.9	4.9	High	137	5.3
	Centar Zhupa	6.5	3.5	5.2	5.7	1.9	4.1	6.1	9.2	8.0	5.5	Very High	44	8.1
	Chair	6.4	3.5	5.1	5.4	3.8	4.6	7.1	2.1	5.1	4.9	High	137	5.3
	Chashka	6.1	3.5	4.9	5.6	2.9	4.4	6.1	9.2	8.0	5.6	Very High	35	8.1
	Cheshinovo-Obleshevo	5.3	3.5	4.5	5.8	1.9	4.1	6.1	9.0	7.9	5.3	High	71	8.1
	Chucher-Sandevo	6.0	3.5	4.9	5.5	2.4	4.1	6.1	8.0	7.2	5.2	High	91	8.6
	Debar	7.8	3.5	6.1	5.6	3.1	4.5	6.6	6.6	6.6	5.7	Very High	24	2.8
	Debarca	4.9	3.5	4.2	5.7	1.9	4.1	6.1	9.4	8.2	5.2	High	91	8.1
	Delchevo	6.6	3.5	5.3	5.7	3.5	4.7	5.8	7.2	6.6	5.5	Very High	44	3.5
	Demir Hisar	5.4	3.5	4.5	5.4	3.0	4.3	5.2	6.1	5.7	4.8	Medium	146	3.5
	Demir Kapija	6.4	3.5	5.1	5.6	5.3	5.5	6.1	8.7	7.6	6.0	Very High	8	7.9
	Dojran	5.4	3.5	4.5	7.2	5.1	6.3	6.1	9.1	7.9	6.1	Very High	3	7.9
	Dolneni	5.5	3.5	4.6	5.6	2.6	4.3	6.1	9.0	7.9	5.4	Very High	59	8.1
	Gazi Baba	7.0	3.5	5.5	5.4	3.5	4.5	7.3	3.9	5.9	5.3	High	71	5.3



# DETAILED RESULTS - SEE

COUNTRY	MUNICIPALITY LEVEL	Natural	Human	HAZARD & EXPOSURE	Socio-Economic Vulnerability	Vulnerable Groups	VULNERABILITY	Institutional	Infrastructure	LACK OF COPING CAPACITY	INFORM RISK	RISK CLASS	Rank	Lack of Reliability Index (*)
North Macedonia	Gevgelija	6.2	3.5	5.0	7.1	3.7	5.7	6.8	4.9	5.9	5.5	Very High	44	3.0
	Gjorche Petrov	7.1	3.5	5.6	5.4	3.5	4.5	6.9	4.4	5.8	5.3	High	71	5.3
	Gostivar	7.1	3.5	5.6	5.7	3.3	4.6	7.2	7.3	7.3	5.7	Very High	24	3.0
	Gradsko	6.5	3.5	5.2	5.6	1.9	4.0	6.1	8.2	7.3	5.3	High	71	8.1
	Ilinden	6.6	3.5	5.3	5.5	1.9	3.9	6.1	3.4	4.9	4.7	Medium	152	8.6
	Jegunovce	6.2	3.5	5.0	5.9	2.3	4.3	6.1	8.5	7.5	5.4	Very High	59	8.1
	Karbinci	5.4	3.5	4.5	5.8	1.9	4.1	3.6	9.6	7.7	5.2	High	91	8.1
	Karposh	6.9	3.5	5.4	5.4	3.4	4.5	6.1	2.1	4.4	4.7	Medium	152	5.6
	Kavadarci	7.1	3.5	5.6	5.4	4.6	5.0	6.1	7.4	6.8	5.8	Very High	16	3.6
	Kichevo	6.9	3.5	5.4	5.5	2.4	4.1	7.1	7.2	7.2	5.4	Very High	59	3.0
	Kisela Voda	6.1	3.5	4.9	5.4	3.6	4.6	6.8	6.2	6.5	5.3	Very High	71	5.3
	Kochani	6.0	3.5	4.9	5.6	4.2	4.9	7.1	5.6	6.4	5.4	Very High	59	3.0
	Konche	5.8	3.5	4.8	7.2	1.7	5.0	6.1	9.5	8.3	5.8	Very High	16	8.1
	Kratovo	6.3	3.5	5.1	6.2	5.6	5.9	6.1	6.6	6.4	5.8	Very High	16	3.6
	Kriva Palanka	6.0	3.5	4.9	6.2	3.3	4.9	4.6	7.4	6.2	5.3	High	71	3.0
	Krivogashtani	6.0	3.5	4.9	5.6	1.7	3.9	6.1	8.0	7.2	5.2	High	91	8.1
	Krushevo	6.2	3.5	5.0	5.4	3.0	4.3	6.1	7.4	6.8	5.3	High	71	4.1
	Kumanovo	7.7	3.5	6.0	6.1	3.6	5.0	7.2	6.3	6.8	5.9	Very High	11	3.0
	Lipkovo	7.7	3.5	6.0	6.3	1.7	4.4	6.1	8.1	7.2	5.7	Very High	24	8.1
	Lozovo	4.6	3.5	4.1	5.6	1.7	3.9	6.1	8.9	7.8	5.0	High	129	8.1
	Makedonska Kamenica	5.9	3.5	4.8	5.8	5.3	5.6	6.1	7.0	6.6	5.6	Very High	35	7.9
	Makedonski Brod	6.4	3.5	5.1	5.7	3.5	4.7	6.1	6.8	6.5	5.4	Very High	59	3.6
	Mavrovo and Rostusha	6.7	3.5	5.3	5.9	1.9	4.2	6.1	8.6	7.6	5.5	Very High	44	8.3
	Mogila	6.1	3.5	4.9	5.6	1.7	3.9	6.1	8.8	7.7	5.3	High	71	8.1
	Negotino	6.4	3.5	5.1	5.5	5.2	5.4	6.7	7.2	7.0	5.8	Very High	16	3.5
	Novaci	6.2	3.5	5.0	5.6	1.9	4.0	6.1	8.1	7.2	5.2	High	91	8.3
	Novo Selo	5.9	3.5	4.8	7.2	3.1	5.5	6.1	9.4	8.2	6.0	Very High	8	8.1
	Ohrid	6.2	7.2	6.7	5.5	3.7	4.7	6.3	4.8	5.6	5.6	Very High	35	3.0
	Pehchevo	5.2	3.5	4.4	5.8	2.3	4.3	6.1	5.8	6.0	4.8	Medium	146	4.7
	Petrovec	6.9	3.5	5.4	5.5	2.6	4.2	6.1	6.5	6.3	5.2	High	91	8.6
	Plasnica	5.2	3.5	4.4	5.7	1.1	3.8	6.1	9.8	8.5	5.2	High	91	8.1
	Prilep	6.4	3.5	5.1	5.4	4.2	4.8	7.0	6.4	6.7	5.5	Very High	44	3.5
	Probishtip	5.5	3.5	4.6	5.5	3.2	4.4	5.9	6.9	6.4	5.1	High	117	3.1
	Radovish	6.0	3.5	4.9	7.0	3.5	5.5	6.3	6.9	6.6	5.6	Very High	35	3.6
	Rankovce	5.7	3.5	4.7	6.3	1.6	4.3	6.1	8.5	7.5	5.3	High	71	8.3
	Resen	5.1	3.5	4.3	5.4	2.3	4.0	6.5	7.0	6.8	4.9	High	137	3.2
	Rosoman	6.5	3.5	5.2	5.6	1.9	4.0	6.1	8.2	7.3	5.3	High	71	8.1
	Saraj	7.3	7.2	7.3	5.4	2.8	4.2	6.1	5.4	5.8	5.6	Very High	35	5.8
	Shtip	6.5	3.5	5.2	5.5	4.4	5.0	6.9	5.2	6.1	5.4	Very High	59	3.0
	Shuto Orizari	5.4	3.5	4.5	5.4	3.8	4.6	6.5	2.8	4.9	4.7	Medium	152	5.3
	Sopishte	6.7	3.5	5.3	5.5	2.8	4.3	4.1	8.8	7.1	5.4	Very High	59	8.3
	Staro Nagorichane	7.2	3.5	5.7	6.3	1.9	4.5	6.1	7.8	7.0	5.6	Very High	35	8.1
	Struga	6.9	3.5	5.4	5.5	2.4	4.1	6.9	5.7	6.3	5.2	High	91	3.5
	Strumica	6.3	3.5	5.1	7.1	4.3	5.9	6.1	7.2	6.7	5.9	Very High	11	3.1
	Studenichani	6.1	3.5	4.9	5.5	1.5	3.8	6.1	8.6	7.6	5.2	High	91	8.6
	Sveti Nikole	5.3	3.5	4.5	5.5	3.0	4.4	6.8	7.4	7.1	5.2	High	91	3.5
	Tearce	6.4	3.5	5.1	5.9	1.7	4.1	6.1	8.7	7.6	5.4	Very High	59	8.1
	Tetovo	6.7	3.5	5.3	5.7	3.2	4.6	7.2	5.8	6.6	5.4	Very High	59	3.0
	Valandovo	6.0	3.5	4.9	7.1	2.9	5.4	6.4	7.6	7.0	5.7	Very High	24	3.5
	Vasilevo	5.3	3.5	4.5	7.2	2.6	5.3	6.1	9.5	8.3	5.8	Very High	16	8.1
	Veles	7.4	7.2	7.3	5.5	4.1	4.8	6.9	5.2	6.1	6.0	Very High	8	3.0
	Vevchani	4.8	3.5	4.2	5.7	1.3	3.8	6.1	3.6	5.0	4.3	Low	162	8.1
	Vinica	7.0	3.5	5.5	5.6	2.9	4.4	6.1	7.5	6.9	5.5	Very High	44	3.6
	Vrapchishte	6.8	3.5	5.4	5.9	2.0	4.2	6.1	8.5	7.5	5.5	Very High	44	8.1
	Zelenikovo	7.0	3.5	5.5	5.5	3.1	4.4	6.1	5.2	5.7	5.2	High	91	8.3
	Zhelino	7.1	3.5	5.6	5.9	1.4	4.0	6.1	8.6	7.6	5.5	Very High	44	8.1
	Zrnovci	5.5	3.5	4.6	5.8	3.1	4.6	6.1	9.7	8.5	5.6	Very High	35	8.1

(\*) Reliability Index: 0 more reliable, 10 less reliable.