



ANALYSIS OF PUBLIC ATTITUDES TOWARDS COVID-19 VACCINATIONS IN  
SELECTED CAREC COUNTRIES:  
Georgia, Kazakhstan, Kyrgyzstan, Mongolia, Pakistan,  
Tajikistan and Uzbekistan.  
December 2020-January 2021

**Customer:** CAREC Institute  
(The Central Asia Regional Economic Cooperation)  
[www.carecinstitute.org](http://www.carecinstitute.org)

**Research project is funded by** Asian Development Bank

**Executant:** Public Opinion Research Institute (Kazakhstan)  
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A close-up photograph of a hand holding a small, clear glass vial with a blue cap and a white label. The vial contains a blue liquid. The background is a blurred blue color. An orange banner is overlaid on the left side of the image.

## SOCIOLOGICAL RESEARCH METHODOLOGY

## BASIC PARAMETERS OF A SOCIOLOGICAL RESEARCH

	<b>Georgia</b>	<b>Kazakhstan</b>	<b>Kyrgyzstan</b>	<b>Mongolia</b>	<b>Pakistan</b>	<b>Tajikistan</b>	<b>Uzbekistan</b>
<b>Geography of the survey</b>	8 regions, Autonomous Republic of Adjara and Tbilisi	14 obl., Nur-Sultan, Almaty, Shymkent	7 obl, Bishkek, Osh	21 aimak and Ulaanbaatar	4 provinces and Islamabad	3 obl., Dushanbe and Areas of republican subordination	12 obl. Tashkent, Autonomous Republic of Karakalpakstan
<b>Sample (number of respondents)</b>	1000	1000	1000	1000	1000	1000	1000
<b>Age of respondents</b>	Age of 18 and above	Age of 18 and above	Age of 18 and above	Age of 18 and above	Age of 18 and above	Age of 18 and above	Age of 18 and above
<b>Survey method</b>	CATI	CAWI	CAWI	CATI	face-to-face	CAWI face-to-face	CAWI
<b>Household respondent selection method</b>	Quota	Quota	Quota	Quota	Kish grid	Quota	Quota
<b>Number of questions in the questionnaire</b>	27	27	27	27	27	27	27
<b>The number of parameters of the socio-demographic block</b>	7	7	7	7	7	7	7
<b>Field work time</b>	January 2021	January 2021	January 2021	December 2020 - January 2021	January 2021	January 2021	December 2020 - January 2021
<b>Survey language</b>	Georgian	Kazakh Russian	Kyrgyz Russian	Mongolian	Urdu	Tajik, Russian	Uzbek, Russian

## SOCIO-DEMOGRAFIC PROFILE OF RESPONDENTS

	Gender		Age			
	Male	Female	18-29	30-45	46-60	61 and above
 Georgia	46,3	53,7	20,6	29,3	27,7	22,4
 Kazakhstan	45,3	54,7	25,6	37,8	24,5	12,1
 Kyrgyzstan	52,7	47,3	33,7	33,2	23,4	9,7
 Mongolia	49,4	50,6	28,4	40	22,1	9,5
 Pakistan	47,1	52,9	26,6	49,1	19,7	4,6
 Tajikistan	50,4	49,6	45,3*	34,7	17,4	2,6
 Uzbekistan	49,4	50,6	35,5**	31,4	23,5	9,6

\*According to the Agency on Statistics under the President of the Republic of Tajikistan, the number of citizens from 15 to 29 years old is 42.4% of the total population of the country. Source:

[http://stat.wv.tj/publications/July2019/macmuai\\_sumorai\\_aholi\\_to\\_1\\_anvari\\_soli\\_2019.pdf](http://stat.wv.tj/publications/July2019/macmuai_sumorai_aholi_to_1_anvari_soli_2019.pdf)

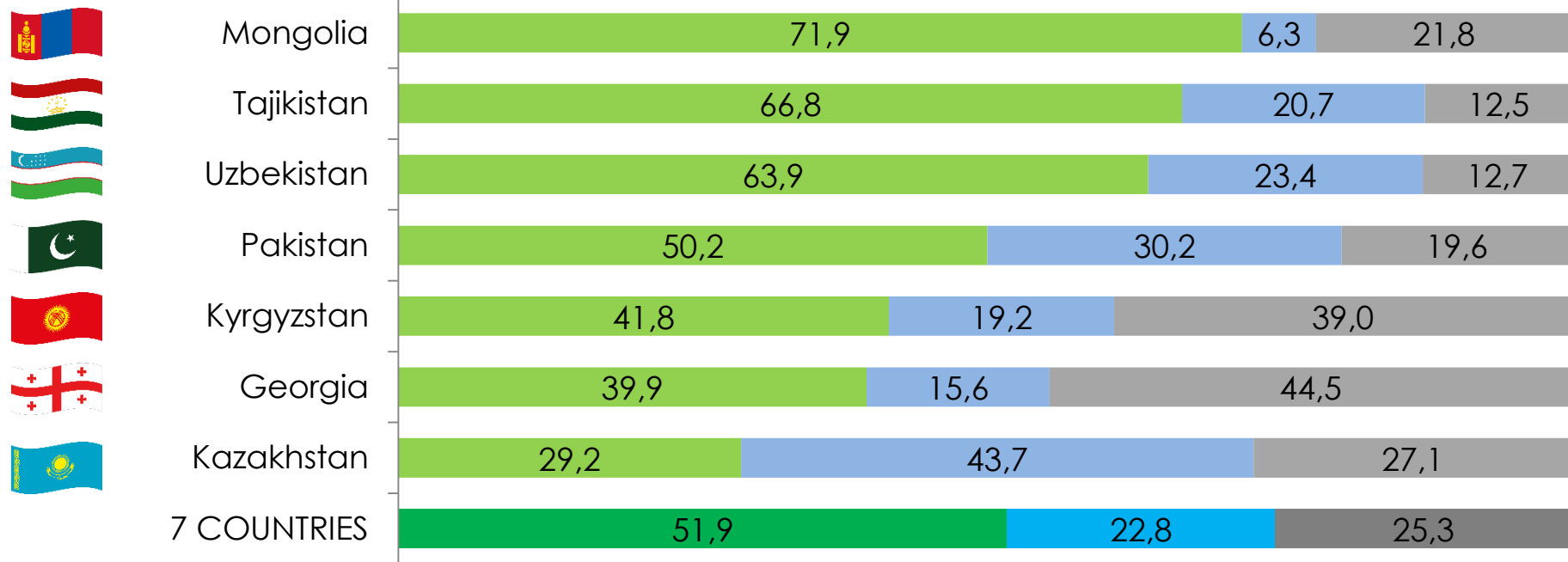
\*\*According to the State Statistics Committee of the Republic of Uzbekistan, the number of citizens from 15 to 29 years old is 36% of the total population of the country. Source:

<https://stat.uz/ru/ofitsialnaya-statistika/demography>

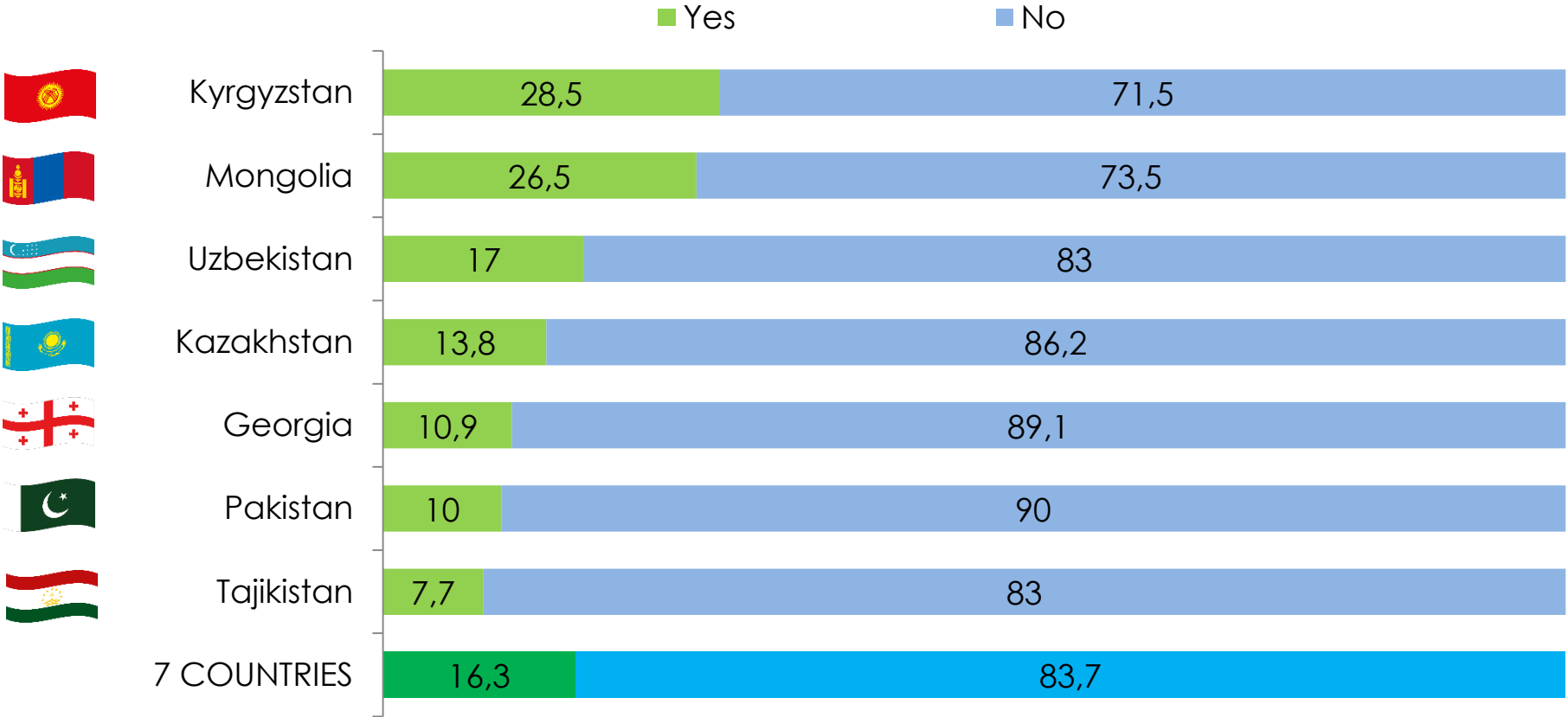
A close-up photograph of a hand holding a small, clear glass vial with a blue cap and a white label. The vial contains a clear liquid. The background is a blurred blue color. An orange banner with white text is overlaid on the left side of the image.

## EVALUATION OF THE EFFECTIVENESS OF VACCINATIONS

## IN YOUR OPINION, HOW EFFECTIVE ARE VACCINATIONS IN GENERAL? (%)



# PLEASE TELL ME, OVER THE PAST 3 YEARS, HAVE YOU RECEIVED ANY VACCINATIONS? (%)

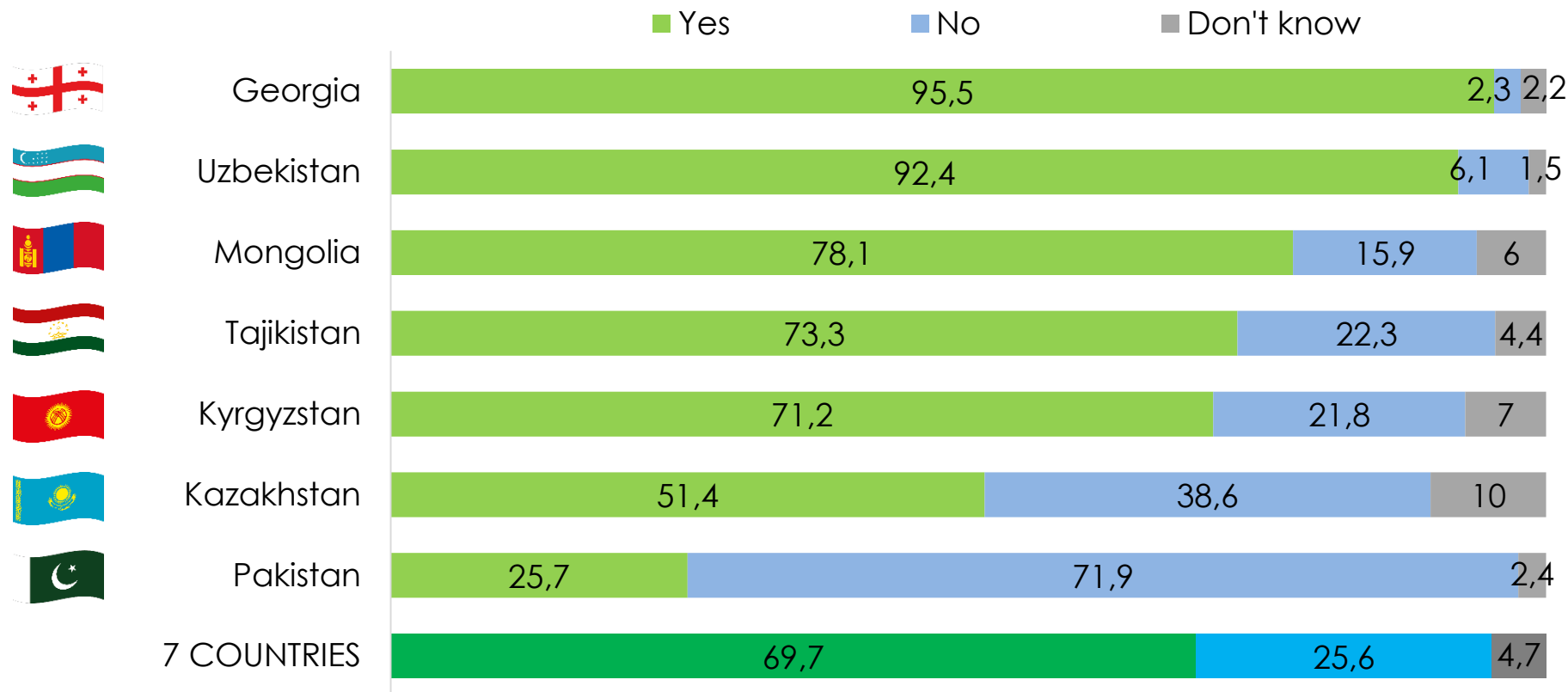


A close-up photograph of a hand holding a small, clear glass vial with a blue cap and a white label. The vial is tilted slightly, and the background is a blurred blue. The text is overlaid on the left side of the image.

**ATTITUDES TOWARDS VACCINATION AGAINST COVID-19:  
AWARENESS, SOURCES OF INFORMATION, VACCINE SAFETY**










**CURRENTLY, VACCINES AGAINST CORONAVIRUS ARE BEING DEVELOPED IN THE WORLD.  
HAVE YOU EVER HEARD OF A CORONAVIRUS VACCINE BEFORE TODAY? (%)**










## WHERE DO YOU MOST OFTEN GET INFORMATION ABOUT CORONAVIRUS VACCINES? (%)

(this question is answered only by those respondents who have ever heard of the coronavirus vaccine)

	 Georgia	 Kazakhstan	 Kyrgyzstan	 Mongolia	 Pakistan	 Tajikistan	 Uzbekistan	7 COUNTRIES
<b>Respondents who have ever heard of a coronavirus vaccine</b>	<b>N=955</b>	<b>N=514</b>	<b>N=715</b>	<b>N=781</b>	<b>N=257</b>	<b>N=733</b>	<b>N=924</b>	<b>N=4876</b>
From TV programs	79,7	53,3	52,7	85,4	91,8	78,9	47,2	68,2
From social networks	49,7	45,3	42,4	39,3	38,1	24,7	43,7	41,0
From Internet web-sites	22,2	37,2	50,8	46,9	29,2	46,9	44,4	40,2
From other people, relatives, friends, acquaintances, or work colleagues	15,7	27,2	22,5	35,9	54,5	37,9	52,4	33,4
From medical staff - doctors, nurses, etc.	6,6	11,1	13,5	6,4	18,3	20,7	8,2	11,1
From newspapers, magazines	2,5	9,1	4,8	8,3	33,1	10,9	0,2	6,9
From radio programs	0,6	7,6	4,1	12,7	7,8	12,0	0,9	5,9
Don't know	0,3	1,4	1,1	-	-	0,3	0,4	0,5

\*The amount is not equal to 100%, because respondents could choose several answer options..

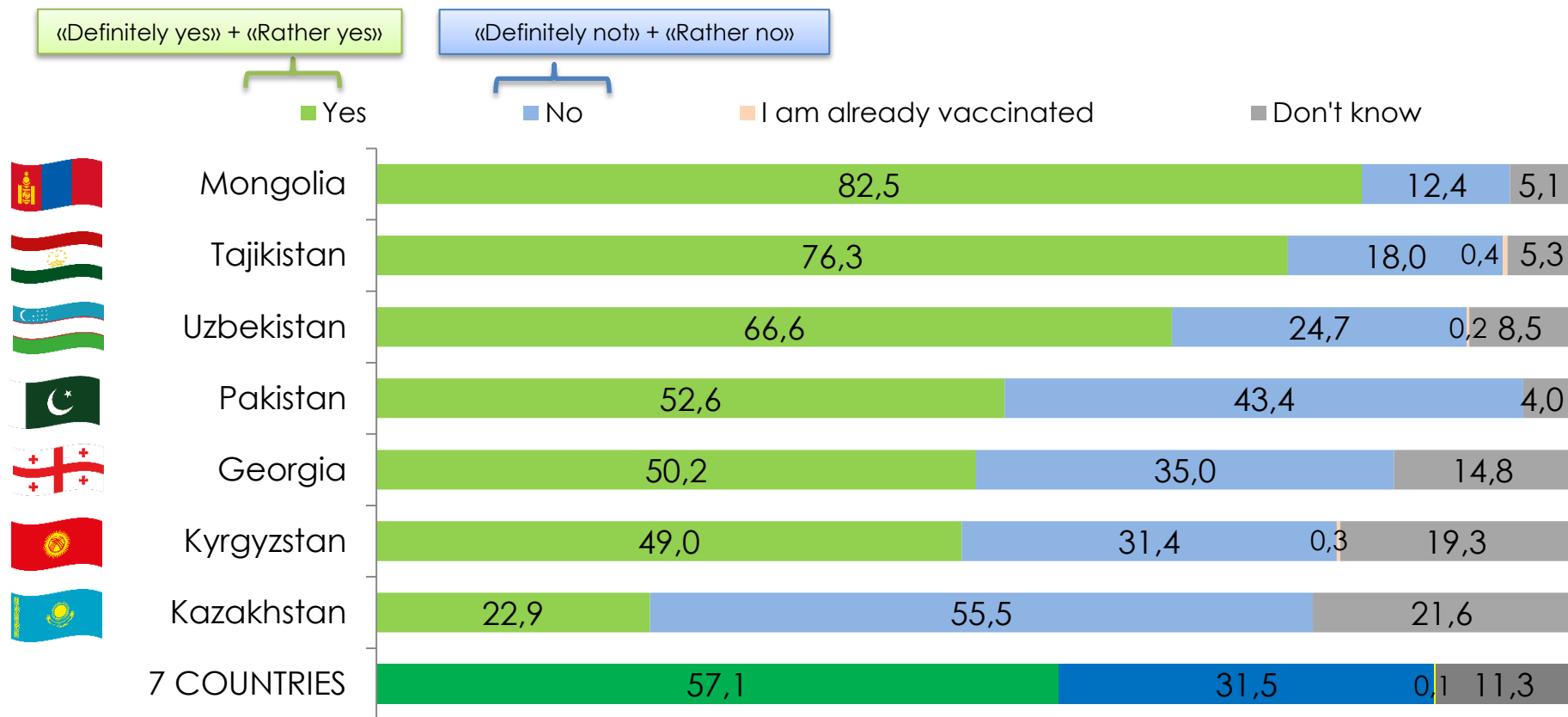
## DO YOU THINK THE VACCINES DEVELOPED IN THE WORLD ARE SAFE? (%)

	 Georgia	 Kazakhstan	 Kyrgyzstan	 Mongolia	 Pakistan	 Tajikistan	 Uzbekistan	7 COUNTRIES
Yes, all vaccines that have been tested by the countries' responsible agencies and are approved as safe	18,3	10,1	15,3	35,2	30,8	33,9	28,2	24,5
Safety depends on the country of origin of the vaccine	18,7	20,4	35,3	25,4	13,7	24,8	11,9	21,5
It will still take quite a long time until vaccines are tested enough to be really regarded as safe	50,5	35,7	30,0	32,6	21,9	27,0	44,4	34,6
No, you can't trust vaccines	12,5	32,9	17,2	5,1	33,6	14,3	9,5	17,9
Don't know	-	0,9	1,9	1,7	-	-	6,0	1,5
<b>Total</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>

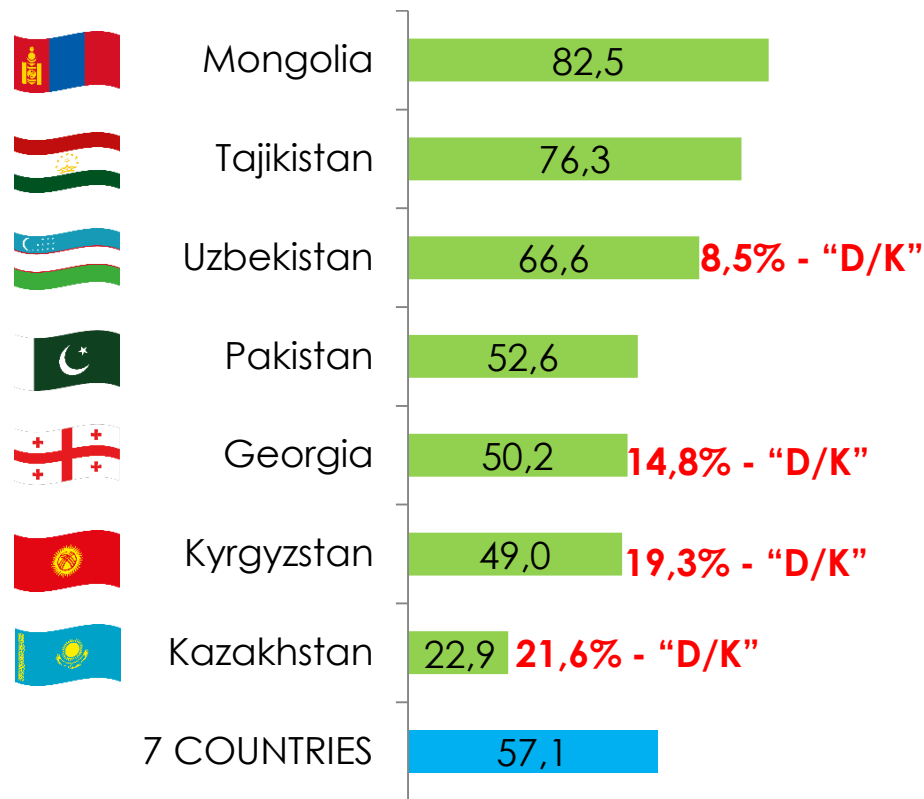


**ATTITUDE TOWARDS GETTING CORONAVIRUS VACCINE:  
FREE AND PAID**

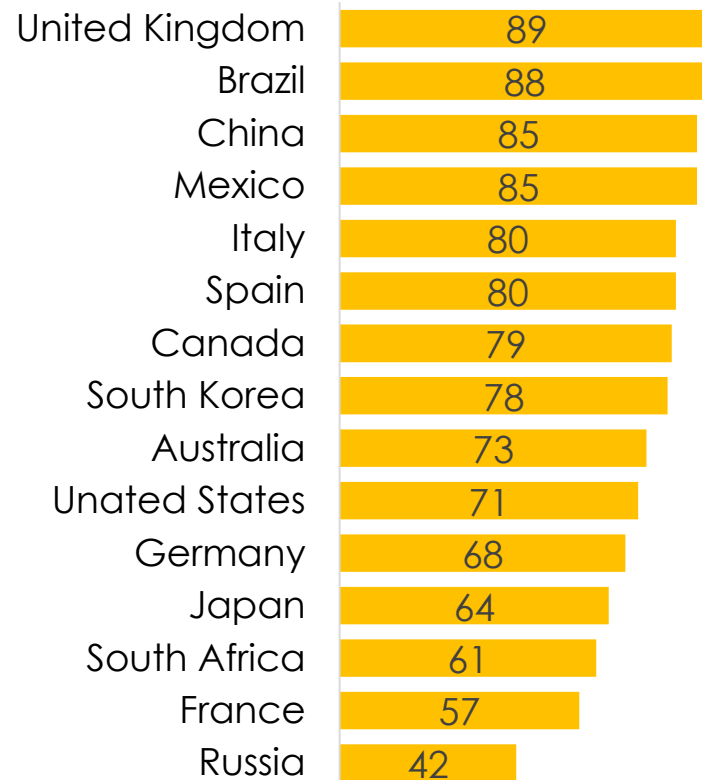
# IF IN YOUR COUNTRY CORONAVIRUS VACCINATION WILL BE FOR FREE AND YOUR COUNTRY'S SCIENTISTS RECOGNIZE THE VACCINE AS SAFE, WOULD YOU AND YOUR FAMILY MEMBERS GET VACCINATED? (%)



## PROPORTION OF RESPONDENTS WHO WOULD VACCINATE AGAINST COVID-19 (%)



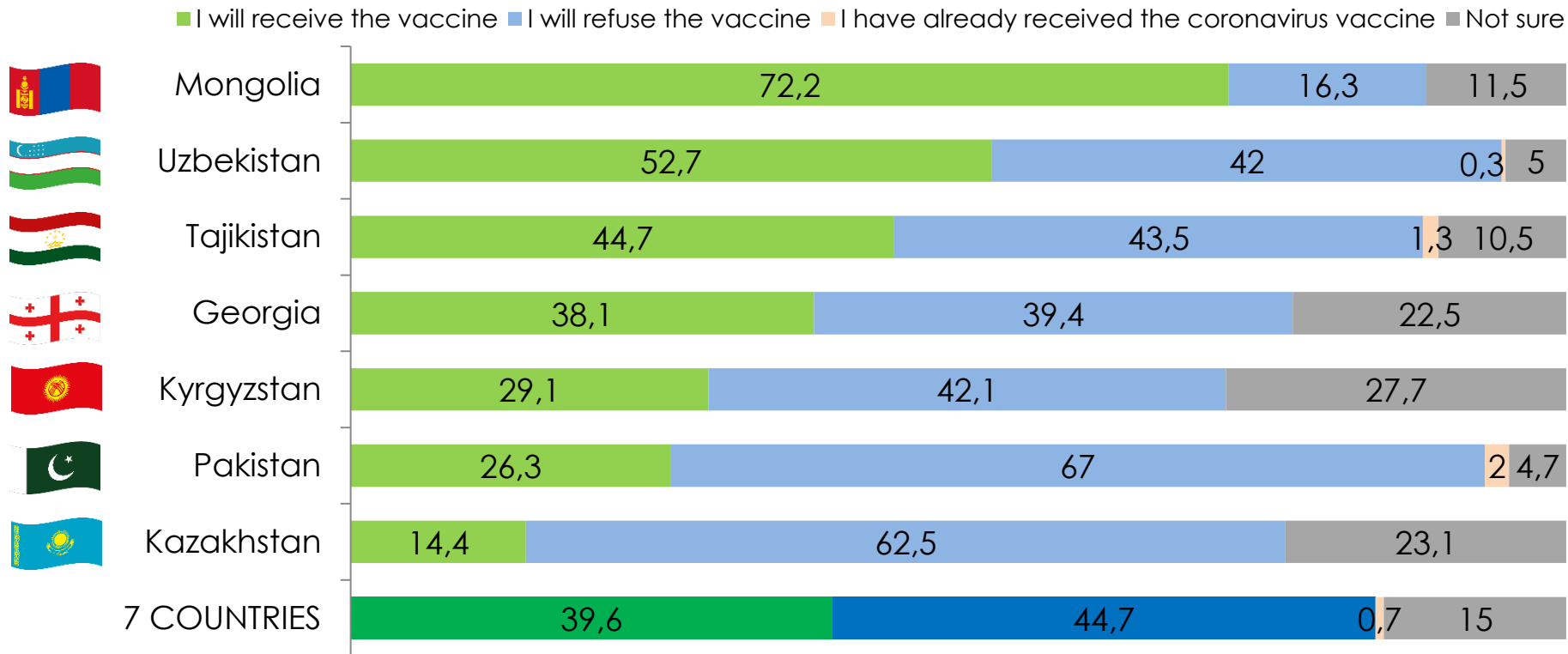
The results of a sociological study conducted by Public Opinion Research Institute commissioned by CAREC Institute, funded by ADB from December 29, 2020 to January 14, 2021, in 7 countries. Sample: 7000 respondents, 1000 respondents in each country.



The results of a sociological study conducted by the international research company Ipsos in conjunction with the World Economic Forum on January 28-31, 2021 in 15 countries of the world using the Global Advisor online platform. Sample: 1000+ resp. in 12 countries, 500+ resp. in Russia, Mexico and South Africa.

Source:  
<https://www.ipsos.com/en-si/global-attitudes-covid-19-vaccine-january-2021>

## IF YOU HAVE TO PAY MORE THAN \$ 5 FOR THE COVID-19 (CORONAVIRUS) VACCINE AND VACCINATION IS NOT MANDATORY, WILL YOU RECEIVE THE VACCINE OR REFUSE IT? (%)










A close-up photograph of a hand holding a small, clear glass vial. The vial has a blue cap and a white label. The background is a blurred blue color. The vial is tilted slightly to the right.

**THE MAIN REASONS FOR PARTICIPATING IN AND REFUSING  
VACCINATION AGAINST COVID-19**










## WHAT REASONS WILL MAKE YOU / MADE YOU GO FOR THE CORONA VIRUS (COVID-19) VACCINATION? (%) (this question is answered only by those respondents who will make / or received a vaccine against coronavirus (COVID-19))

Answer options	 Georgia	 Kazakhstan	 Kyrgyzstan	 Mongolia	 Pakistan	 Tajikistan	 Uzbekistan
<b>Respondents who will receive / or received a vaccine against coronavirus (COVID-19)</b>	<b>N=502</b>	<b>N=229</b>	<b>N=493</b>	<b>N=825</b>	<b>N=526</b>	<b>N=767</b>	<b>N=668</b>
I want/wanted to protect my family	75,9	68,6	73,6	86,1	88,2	80,7	72,8
I want/wanted to protect my community	53,6	37,1	55,6	48,6	56,5	63,3	42,2
I want / wanted to protect myself	69,7	31,4	23,5	64,5	79,8	49,0	22,3
It will make me feel safe in the company of other people	14,7	18,3	16,0	7,3	11,6	7,9	24,9
This is the best way to avoid a serious coronavirus disease	10,4	15,7	21,5	21,3	29,3	16,4	15,6
We will not return to normal until most people are vaccinated.	9,4	10,0	11,4	7,3	7,8	9,2	15,1
I have a chronic illness like asthma or diabetes, so it is important for me to get the COVID-19 coronavirus vaccine	2,2	3,5	6,9	4,7	4,2	3,9	1,0
My doctor recommends vaccination	2,6	1,7	4,3	1,8	7,6	2,0	2,2
I am/was obligated (at work/at the place of study/etc.)	1,4	1,3	2,4	3,3	0,4	0,7	1,5
*Don't know	-	3,5	-	-	0,2	-	-

\*The amount is not equal to 100%, because respondents could choose more than one answer.

**WHICH OF THE FOLLOWING ARE REASONS YOU WOULD NOT GET /YOU DID NOT GET A CORONAVIRUS VACCINATION? (%)** (this question is answered only by those respondents who will not / have not made a vaccine against coronavirus (COVID-19))

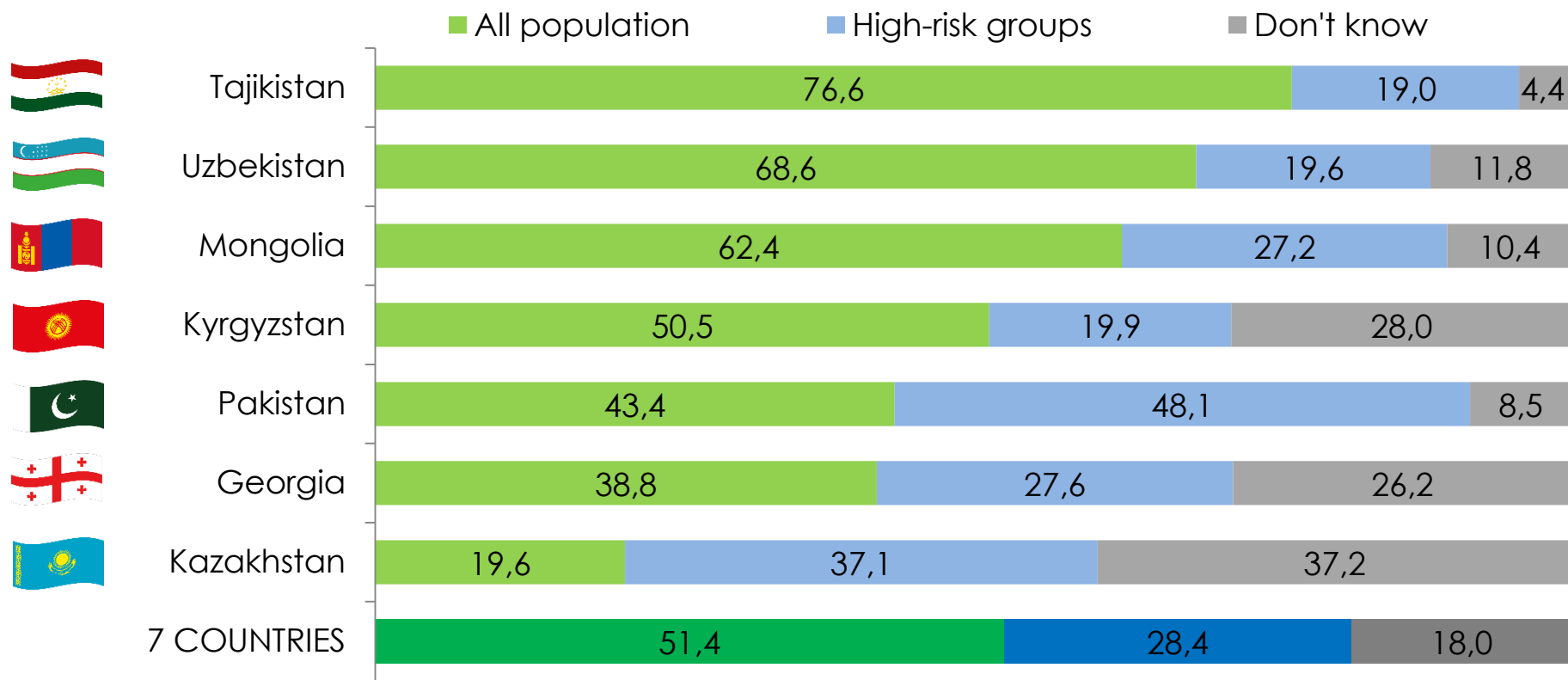
Answer options	 Georgia	 Kazakhstan	 Kyrgyzstan	 Mongolia	 Pakistan	 Tajikistan	 Uzbekistan
<b>Respondents who will not / have not made a vaccine against coronavirus (COVID-19)</b>	<b>N=350</b>	<b>N=555</b>	<b>N=314</b>	<b>N=124</b>	<b>N=434</b>	<b>N=180</b>	<b>N=247</b>
I do not believe that a vaccine will effectively protect against disease.	28,3	44,1	37,3	16,9	27,9	30,0	23,9
I am concerned about side effects from the vaccine	26,6	38,4	49,7	53,2	50,7	38,3	28,7
Vaccines are developed too hasty and have not been sufficiently tested	29,1	25,8	33,4	41,1	10,6	19,4	44,5
Natural immunity is better than vaccine-induced immunity	25,1	14,4	30,3	19,4	30,6	29,4	10,5
I'm not concerned about getting seriously ill from the coronavirus	2,3	5,8	9,9	2,4	47,9	52,2	34,0
I'm allergic to vaccines	5,1	4,1	4,5	7,3	16,6	20,6	4,5
COVID-19 (coronavirus) is not as serious as some people say	1,7	2,9	3,8	3,2	49,5	26,7	2,8
My religious beliefs don't allow vaccination	1,1	2,7	6,4	-	7,8	3,9	0,8
Other	10	5,4	8,9	0,8	39,2	27,2	1,2
Don't know	-	9,5	-	21,8	-	-	-

*The amount is not equal to 100%, because respondents could choose more than one answer*

A close-up photograph of a hand holding a small, clear glass vial. The vial has a blue cap and a white label. The background is a blurred blue color. The text "ATTITUDE TOWARDS MASS VACCINATION" is overlaid on the left side of the image in a white box.

## ATTITUDE TOWARDS MASS VACCINATION








## DO YOU THINK IT IS NECESSARY TO VACCINATE THE ENTIRE POPULATION OR ONLY HIGH-RISK GROUPS - MEDICAL WORKERS, DOCTORS, TEACHERS, SALESPeOPLE, FIRE AND POLICE OFFICERS, ETC.? (%)



A close-up photograph of a hand holding a small, clear glass vial with a blue cap and a white label. The vial contains a clear liquid. The background is a solid blue color. The text "ASSESSMENT OF FUTURE SCIENTIFIC DEVELOPMENT OPPORTUNITIES AGAINST COVID-19" is overlaid on the left side of the image in a white box.

**ASSESSMENT OF FUTURE SCIENTIFIC DEVELOPMENT  
OPPORTUNITIES AGAINST COVID-19**

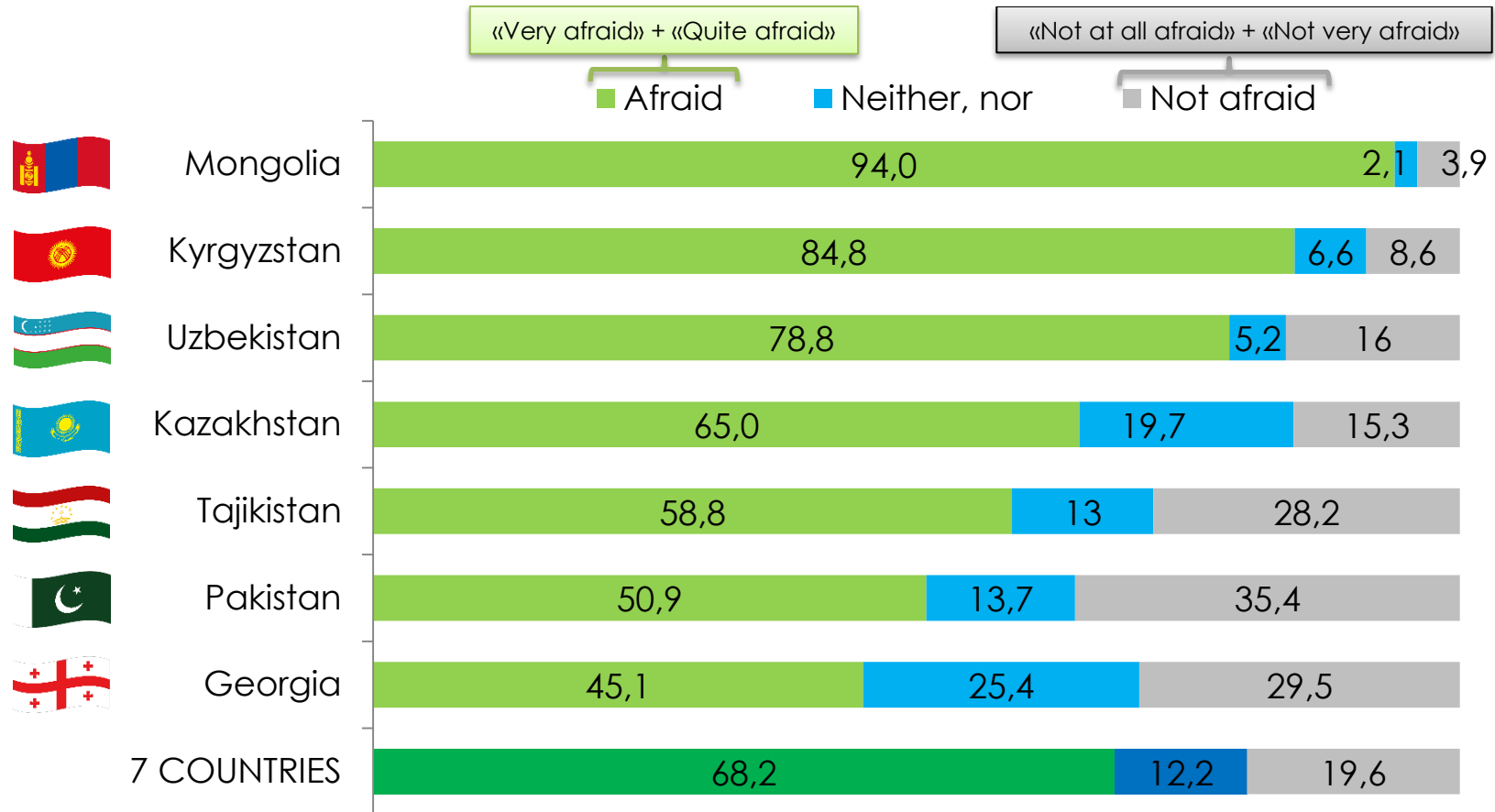
## DO YOU BELIEVE SCIENTIFIC DEVELOPMENTS WILL HELP HUMANITY BUILD IMMUNITY AGAINST COVID-19 IN THE FUTURE? (%)

Answer options	 Georgia	 Kazakhstan	 Kyrgyzstan	 Mongolia	 Pakistan	 Tajikistan	 Uzbekistan	7 COUNTRIES
Yes, I believe, scientific developments will help humanity never get sick with COVID-19	37,3	14,1	37,9	36,3	36,2	44,9	48,1	<b>36,4</b>
Rather, I believe scientific developments will help most people to not get sick with COVID-19	29,7	28,1	35,6	40,6	19,1	28,6	27,4	<b>29,9</b>
<b>Total percentage</b>	<b>67</b>	<b>42,2</b>	<b>73,5</b>	<b>76,9</b>	<b>55,3</b>	<b>73,5</b>	<b>75,5</b>	<b>66,3</b>
I rather do not believe it, scientific developments will not be able to fully protect people from COVID-19	14,9	21,6	9,7	9,7	8,4	12,6	14,5	<b>13,1</b>
No, I don't believe it, the role of science is overrated	5,6	17,9	4,9	2,9	26,1	5,4	4,8	<b>9,6</b>
<b>Total percentage</b>	<b>20,5</b>	<b>39,5</b>	<b>14,6</b>	<b>12,6</b>	<b>34,5</b>	<b>18,0</b>	<b>19,3</b>	<b>22,7</b>
Don't know	12,5	18,3	11,9	10,5	10,2	8,5	5,2	<b>11,0</b>
<b>Total</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>

A close-up photograph of a hand holding a small, clear glass vial with a blue cap and a white label. The vial is tilted, and the background is a solid blue color. The hand is positioned on the right side of the frame, with fingers gripping the vial. The lighting is soft, highlighting the texture of the glass and the skin.

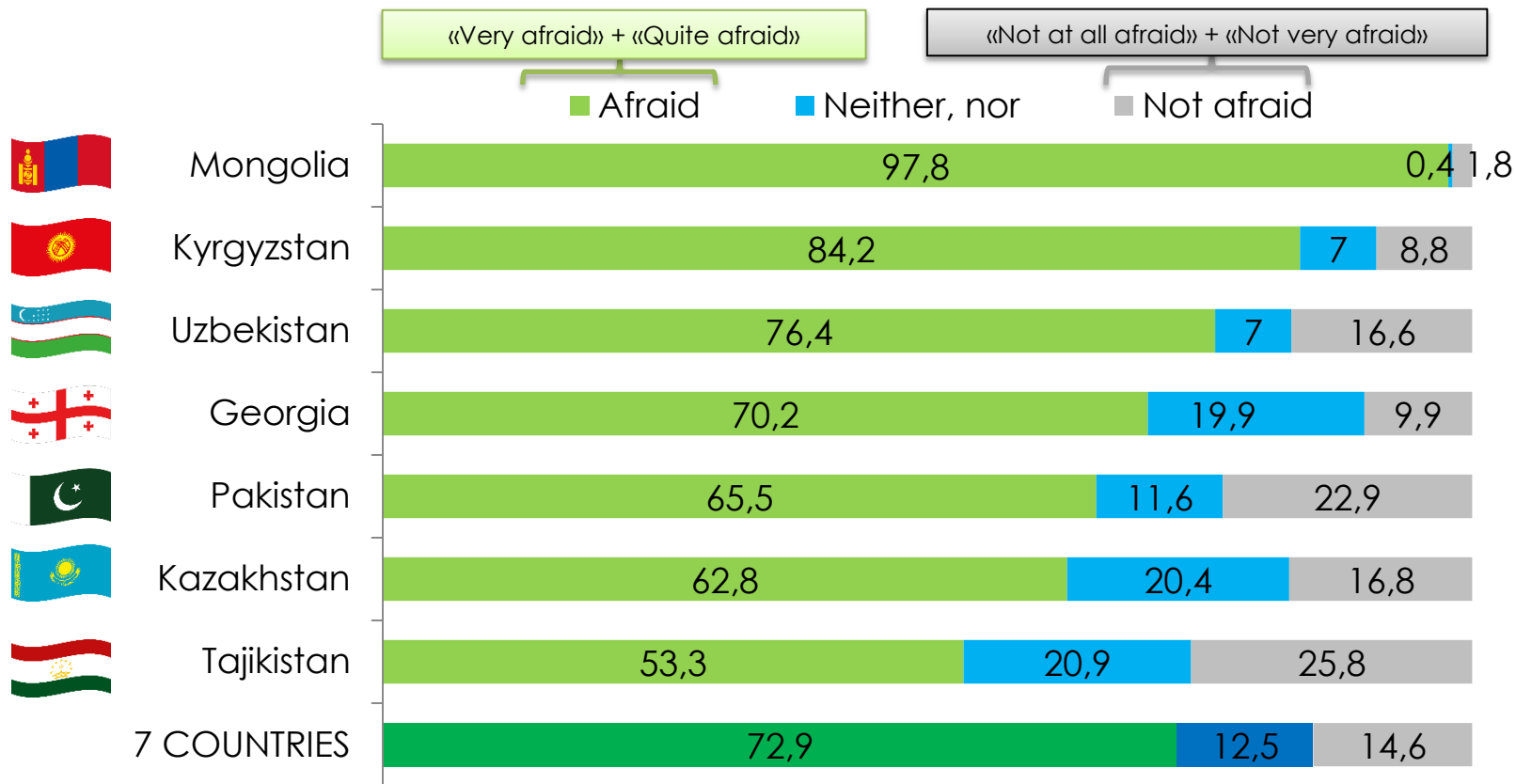
**FEARS RELATED TO POSSIBLE INFECTION WITH COVID-19,  
ECONOMIC EXPERIENCE AND EFFECTS OF THE PANDEMIC**

# HOW AFRAID ARE YOU THAT YOU OR YOUR LOVED ONES GET SICK AND SUFFER SEVERELY FROM THE CORONAVIRUS? (%)

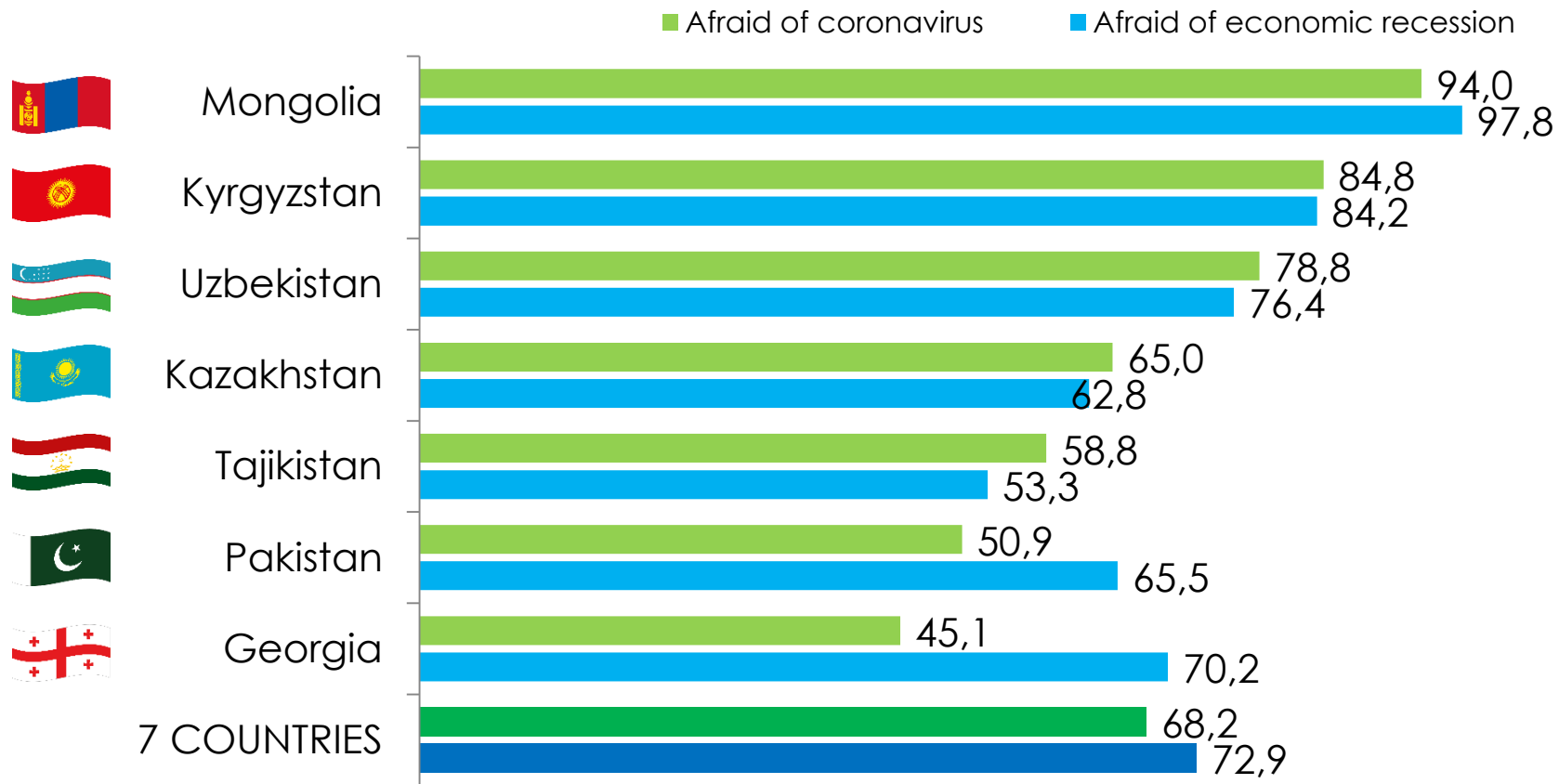




## HOW SCARED ARE YOU THAT YOU OR YOUR LOVED ONES WILL SUFFER FROM THE ECONOMIC RECESSION FOLLOWING THE CORONAVIRUS? (%)



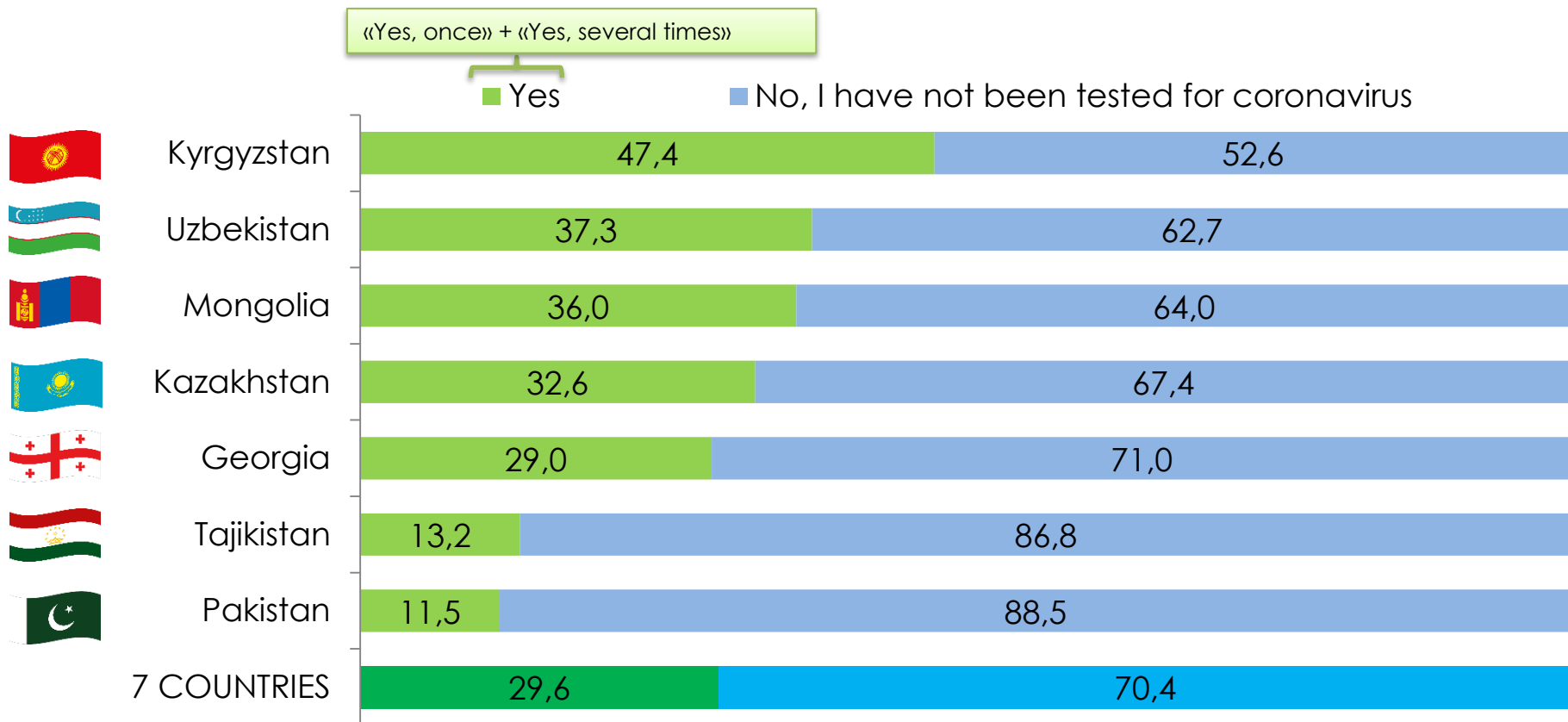
## SHARE OF RESPONDENTS CONCERNED ABOUT CORONAVIRUS INFECTION AND POST-PANDEMIC ECONOMIC DOWNTURN (%)



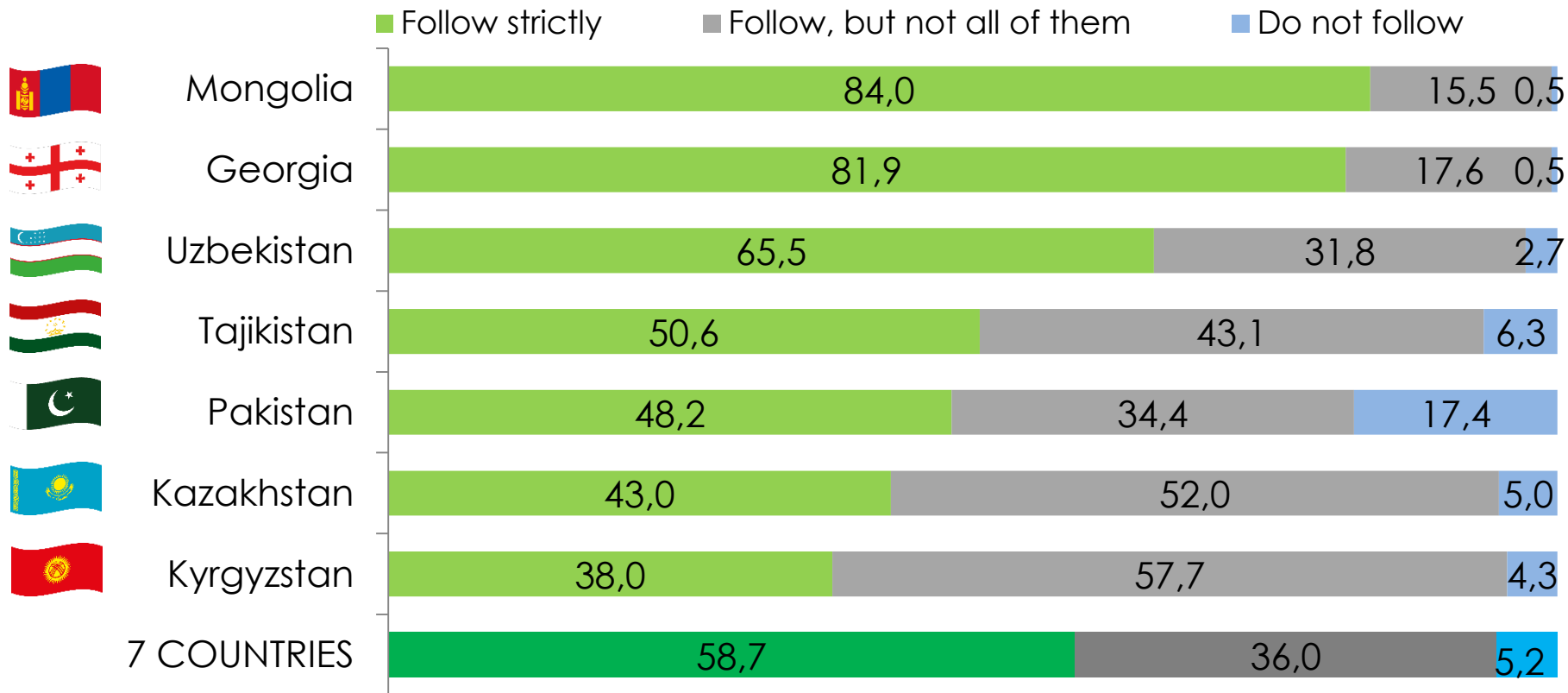
A close-up photograph of a hand holding a small, clear glass vial with a blue cap and a white label. The vial contains a clear liquid. The background is a solid blue color. The text "TESTING FOR COVID-19 AND ANTIBODIES, AND ADHERENCE TO SAFETY MEASURES" is overlaid on the left side of the image in a white box.

**TESTING FOR COVID-19 AND ANTIBODIES, AND ADHERENCE TO SAFETY MEASURES**

## HAVE YOU BEEN TESTED FOR COVID-19 (CORONAVIRUS) OR ANTIBODIES? (%)



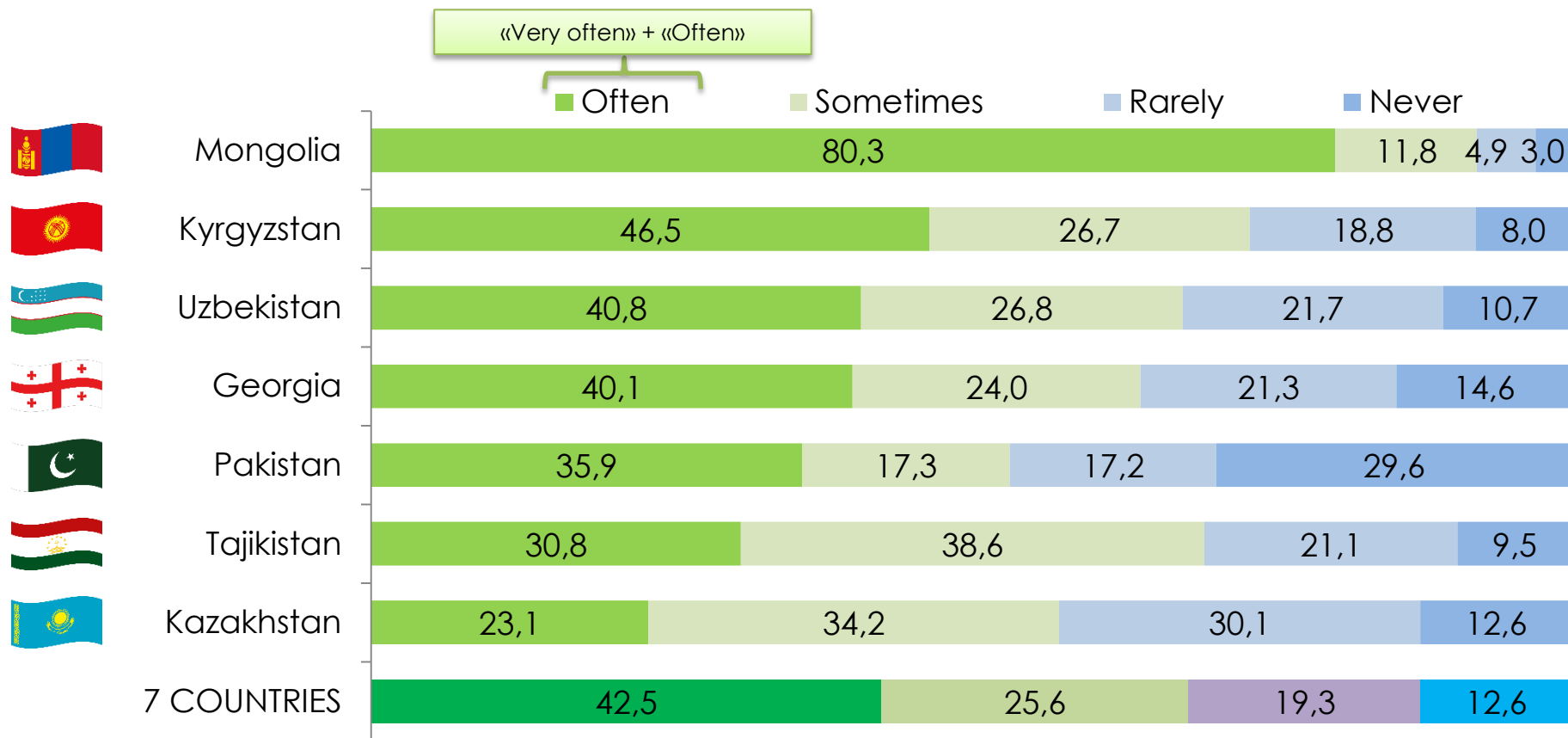
## PLEASE TELL ME HOW DO YOU FOLLOW SAFETY MEASURES (WEARING MASKS, USING SANITIZERS, AVOIDING CROWDED PLACES) TO PROTECT YOURSELF FROM INFECTION? (%)










A close-up photograph of a hand holding a small, clear glass vial. The vial has a blue cap and a white label. The background is a solid blue color. The vial is tilted slightly to the right.

**THE NEED FOR INFORMATION ABOUT THE PANDEMIC.  
MYTH OR REALITY?**

## HOW OFTEN DO YOU SEARCH AND READ INFORMATION ON THE COVID-19 (CORONAVIRUS) PANDEMIC IN THE MEDIA, SOCIAL NETWORKS? (%)



**THE SOCIAL MEDIA ARE FULL OF STORIES TELLING THAT THE CORONA PANDEMIC IS A HOAX AND THAT ALL THE LOCKDOWN MEASURES ARE A HYSTERIC OVERREACTION. DO YOU BELIEVE THE CORONA PANDEMIC IS BEING MADE UP? (%)**








Answer options	 Georgia	 Kazakhstan	 Kyrgyzstan	 Mongolia	 Pakistan	 Tajikistan	 Uzbekistan	<b>7 COUNTRIES</b>
YES, I believe the pandemic is being made up and the containment measure are an overreaction	10,2	17,0	17,6	15,0	46,8	20,2	11,8	<b>19,8</b>
NO, I do not believe the pandemic is made up	83,9	81,1	80,7	85,0	51,8	79,2	86,7	<b>78,3</b>
Other answers of the respondents	5,9	1,9	1,7	-	1,4	0,6	1,5	<b>1,9</b>



A close-up photograph of a hand holding a small, clear glass vial with a blue cap and a white label. The vial contains a clear liquid. The background is a blurred blue color, suggesting a medical or laboratory setting.

**TRUST IN MEDICAL ADVICE FOR COVID-19 PREVENTION AND TREATMENT**

## WHOSE MEDICAL ADVICE ON PREVENTION OR TREATMENT FOR COVID-19 (CORONAVIRUS) DO YOU TRUST THE MOST? (%)

Answer options	 Georgia	 Kazakhstan	 Kyrgyzstan	 Mongolia	 Pakistan	 Tajikistan	 Uzbekistan	<b>7 COUNTRIES</b>
Doctors or nurses	<b>81,4</b>	<b>67,7</b>	<b>72,7</b>	<b>82,6</b>	<b>40,9</b>	<b>75,1</b>	<b>83,6</b>	<b>72,0</b>
Family and friends	4,4	8,3	9,1	11,8	15,6	5,5	5,6	8,6
Celebrities	1,2	0,3	0,2	0,6	0,9	0,9	0,3	0,6
Fortunetellers, healers, palm readers	0,1	0,2	0,4	0,1	0,3	0,3	-	0,2
Religious mentor	1,8	0,1	1,9	0,1	7,2	2,9	0,5	2,1
Other	2,6	-	0,7	0,8	-	-	-	0,6
I don't trust anyone	<b>4,8</b>	<b>17,0</b>	<b>7,7</b>	<b>2,6</b>	<b>34,0</b>	<b>13,0</b>	<b>10,0</b>	<b>12,7</b>
Don't know	3,7	6,4	7,2	1,4	1,1	2,3	-	3,2
<b>Total</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>	<b>100,0</b>



## INFORMATION ABOUT THE CAREC INSTITUTE

The Central Asia Regional Economic Cooperation (CAREC) Institute is an intergovernmental organization, jointly governed by 11 member countries, with an international organization status in the PRC, dedicated to promoting economic cooperation among CAREC members through research, capacity building, policy advocacy, and partnerships.

The Institute acts as a knowledge connector among the five CAREC clusters - economic and financial stability; trade, tourism, and economic corridors; infrastructure and economic connectivity; agriculture and water; and human development - to ensure coherence in design and implementation of policies, programs, and projects to promote regional economic cooperation and integration, where integration is defined as a strategy that promotes the benefits of collective and collaborative activities among member countries through economies of scale, more vigorous intra-regional trade, expansion of markets, shared information platforms for exchange, and harmonized frameworks for social and economic interaction.

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[www.carecinstitute.org](http://www.carecinstitute.org), [contact@carecinstitute.org](mailto:contact@carecinstitute.org)



## INFORMATION ABOUT THE PUBLIC OPINION RESEARCH INSTITUTE

The Public Opinion Research Institute (Nur-Sultan, Kazakhstan) was established in 2013 by a group of sociologists with professional experience of more than 20 years. The Institute specializes in the study of public opinion, conducts marketing and sociological studies, both in Kazakhstan and in other countries of the world. Highly qualified sociological experts of the Institute have experience in conducting research in the countries of Central Asia, Western Europe, Russia, China, Mongolia, Turkey, the USA, etc. Research Institute staff members are members of international professional networks - European Society of Marketing Research Professionals ESOMAR ([www.esomar.org](http://www.esomar.org)), World Association for Public Opinion Research (WAPOR), Association of Turkic Sociologists, WVS (World Values Survey), European Society for Central Asian Studies (ESCAS) and etc.

The Institute takes part in following projects: World Values Survey (7th wave), Values in a Crisis survey, Youth in Central Asia of the Fredrich Ebert Foundation (1st wave), Turkbarometer of the International Turkic Academy, PIAAC (Program for the International Assessment of Adult Competences, OECD). For more than 15 years, the specialists of the Institute have been conducting surveys of the Kazakh diaspora in Central Asia, the CIS, China, Mongolia, Saudi Arabia, Turkey, the USA, Western Europe, etc.

Republic of Kazakhstan, Nur-Sultan,

A. Bekturova street, 3/1, office 83, +7 7172 24 84 26

[www.opinions.kz](http://www.opinions.kz), [opinions@opinions.kz](mailto:opinions@opinions.kz)

**The analytical report on the results of the study is published on the official website of the CAREC Institute:**

**In English:** <https://www.carecinstitute.org/publications/research-report-analysis-of-public-attitudes-towards-covid-19-vaccination-in-selected-carec-countries/>

**In Russian:** <https://www.carecinstitute.org/publications/анализ-отношения-общества-к-вакцине/>