FECYT FUNDACIÓN ESPAÑOLA PARA LA CIENCIA Y LA TECNOLOGÍA

SOCIAL PERCEPTION OF SCIENCE AND TECHNOLOGY SURVEY QUESTIONNAIRE 2020

June 2020

PROVINCE:			
CITY			
DISTRICT			
SECTION			

INTERVIEWER´S CODE			
INTERVIEWER´S NAME:			

Good morning/good evening. I am an interviewer for .... a company dedicated to opinion and communication surveys; we are carrying out research on current issues. We have chosen your home at random to do an interview. We ask for your collaboration and guarantee the complete anonymity of your opinions.

Q.0a. Do you have Spanish nationality?	
Yes	**1 → GO TO Q.0c.**
No	**2 → GO TO Q.0b.**

Q.0b. How long have you been living in Spain?	
5 years or more	5 years or more
Less than 5 years	Less than 5 years

Q.0c. Are you registered in this municipality?	
Yes	1 → **GO TO Q.1**
No	2 → **FIN DE LA ENTREVISTA**

Q.1. Every day we receive information and news on a wide range of TOPICS. Please tell me three topics that you are particularly interested in.
DO NOT READ. OPEN-ENDED QUESTION
MAXIMUM OF 3 ANSWERS.
INTERVIEWER: CODE THE ANSWERS BELOW.

	1ª	2ª	3ª
Food and consumer issues	01	01	01
Paranormal phenomena and occultism	02	02	02
Science and technology	03	03	03
Cinema, art and culture	04	04	04
Sports	05	05	05
Economics and company affairs	06	06	06
Education	07	07	07
Medicine and health	08	08	08
Environment and ecology	19	19	19
Politics	10	10	10
Police reports	11	11	11
Terrorism	12	12	12
Travel / tourism	13	13	13
Celebrities	14	14	14
Work and employment	15	15	15
Pensions	16	16	16
The pandemic, Covid-19	17	17	17
The situation in old people's homes	18	18	18
Other **(Please record):**	98	98	98

Does not know	99	99	99

Q.2. Now I would like to know your level of interest in these topics: very low, low, moderate, high or very high.
ROTATE TOPICS. READ AND RATE ONE BY ONE.
ONLY ONE ANSWER PER ITEM.

	MP	P	Algo	B	Muy	NS	NC
Food and consumer issues	1	2	3	4	5	98	99
Science and technology	1	2	3	4	5	98	99
Cinema, art and culture	1	2	3	4	5	98	99
Sports	1	2	3	4	5	98	99
Economics and company affairs	1	2	3	4	5	98	99
Medicine and health	1	2	3	4	5	98	99
Environment and ecology	1	2	3	4	5	98	99
Politics	1	2	3	4	5	98	99
Celebrities	1	2	3	4	5	98	99

SUBSAMPLES 1 AND 2 ONLY

Q 3.1 Which of the following do you consider to be the most serious problem facing humanity as a whole?
Q.3.2 What other issues do you consider to be serious problems?
SHOW ALTERNATIVE ANSWERS.
MAXIMUM: 3 ANSWERS.
INTERVIEWER: CODE THE ANSWERS SHOWN BELOW

	1ª	2ª	3ª
Climate change	01	01	01
International terrorism	02	02	02
Poverty, hunger and lack of clean water	03	03	03
The spread of infectious diseases	04	04	04
Economic crisis	05	05	05
Proliferation of nuclear weapons.	06	06	06
Armed conflicts	07	07	07
World population growth	08	08	08
Other (do not read) (Please register):.....	09	09	09
None (do not read)	10	10	10

Q.3.3. to what extent do you consider that technological innovation can reduce (NAME PROBLEM MENTIONED IN Q1a)? Please answer on a scale of 0 to 10, where 0 is not at all and 10 is totally.

Scoring from 0 to 10	

SUBSAMPLES 3 AND 4 ONLY

Q.4.1. Have you ever sought or asked for information on health issues or medicines?	
Yes	1 → **GO TO Q.4.2.**
No	2 → **GO TO Q.5.1.**

Q.4.2. The last time you looked for or asked for information about health issues or medicines, who or what did you turn to first? READ. Please tick only ONE of the following.
Q.4.3. And any others? Please tick only ONE of the following.

	1ª	2ª
Family/ Friends	01	01
Acquaintances/ Neighbours/ Neighbours/ Colleagues/ Peers	02	02
Internet /Social networks	03	03
Doctor or nurse	04	04
Pharmacist	05	05
Practitioner of alternative therapies (such as homeopathy or acupuncture)	06	06
Herbalist	07	07
Patient associations	08	08
Other (Please register).........	09	09
Don't know **(Do not read)**	98	
No answer **(Do not read)**	99	

P.5.1. In the last 12 months, have you used the Internet to look up medical or health information for yourself about any medical condition?

Yes	1
No	2

Q.5.2. And in the last 12 months, have you used the Internet to search for information about any type of cancer?

Yes	1
No	2

Q.6.1 Since the beginning of the coronavirus (covid-19) crisis, what has been your main source of information about the disease? READ. ROTATE. SHOW CARD. One answer only.

Internet (digital press, social networks and other websites)	01
Books	02
Written press	03
Radio	04
Scientific or technical journals	05
Weekly general information magazines	06
Television	07
Other (Please record):	98
None (Do not read)	97
Does not know (Do not read)	99

(ONLY THOSE WHO ANSWERED "INTERNET") Q.6.2. Please tell me through which media in particular. READ AND ANSWER ONE BY ONE. SHOW CARD.

	SÍ	NO
Social networks (Facebook, Twitter, etc.)	1	2
General digital media (*El País, El Mundo,* etc.)	1	2
Digital media specializing in science and technology	1	2
Blogs / Forums	1	2
Podcast / Internet radio	1	2
Videos (Youtube or similar sites)	1	2
Wikipedia	1	2
Other **(Please record):**	1	2
Does not know **(Do not read)**	98	
No answer (Do not read)	99	

A TODOS

P.7. Of the following issues, please tell us the one you consider most important for the exit from the coronavirus crisis.

The citizens´ responsibility	1
Scientific discoveries	2
Government management	3
Do not know/No anwer	99

Q.8.1. If a vaccine to prevent COVID-19 were available tomorrow, would you take it? (SHOW SCALE 1 to 7)

No, not at all						Absolutely
1	2	3	4	5	6	7

FILTER: Responded 1 to 6 in previous question
Q.8.2. Why would you not take it? PRE-CODED DO NOT READ. MULTIPLE CHOICE.

There may be risks to your health	01
I would take the second or third, not the first vaccine that comes out.	02
I think it will not be effective	03
I thinks I have already passed COVID-19.	04
Low risk of infection	05
Economic reasons	06
Religious reasons	07
Other (Please register).........	98
Do not know/No anwer	99

Q.8.3. And thinking about that future vaccine, to what extent do you agree with these statements? Please use a scale of 1 to 7 where 1 means strongly disagree and 7 means strongly agree.
ROTATE TOPICS. READ AND RATE ONE AT A TIME. ONLY ONE RESPONSE PER ITEM. SHOW CARD.

	1–7	NS (No leer)	NC (No leer)
Coronavirus vaccination should be mandatory for everyone.		97	99
I need to have all the information about the coronavirus vaccine before I get vaccinated.		97	99
My health is very good, so I don't need a vaccine to prevent coronavirus		97	99

Q.9. Now I would like you to tell me whether you consider yourself to be very little, a little, somewhat, fairly or very knowledgeable about each of these topics.
ROTATE TOPICS. READ AND RATE ONE BY ONE. ONLY ONE ANSWER PER ITEM.

	Very little	little	somj ehow	B	Very muc h	Do not kno w (Do npt read)	No answ er (Do not read)
Science and technology	1	2	3	4	5	98	99
Medicine and health	1	2	3	4	5	98	99
Environment and ecology	1	2	3	4	5	98	99

ONLY SUB-SAMPLE 1

Q.10A. Next, we'd like you to tell us how much you value each of the professions or activities I'm going to read out to you. For this we will use a scale from 1 to 5, where 1 means that you value it very little and 5 means that you value it very much. You can use any intermediate score to qualify your opinions.

ROTATE TOPICS. . READ AND RATE ONE BY ONE.
ONE ANSWER PER ITEM. SHOW THE CARD.

	1	2	3	4	5	Does not know **(Do not read**	No answer **(Do not read)**
Physicians/doctors	1	2	3	4	5	97	99
Scientists	1	2	3	4	5	97	99
Engineers	1	2	3	4	5	97	99
Judges	1	2	3	4	5	97	99
Sociologists	1	2	3	4	5	97	99
Journalists	1	2	3	4	5	97	99
Entrepreneurs	1	2	3	4	5	97	99
Teachers	1	2	3	4	5	97	99
Clergy	1	2	3	4	5	97	99
Politicians	1	2	3	4	5	97	99

ONLY SUB-SAMPLE 2

Q.10B.1 Next I'm going to read out a list of different media. We would like to know through which media you are informed about science and technology issues.
Q.10.a. In the first place?
Q.10.b. In the second place?
Q.10.c. In the third place?
READ. ROTATE. SHOW THE CARD

	1st	2nd	3rd
Internet (digital press, social networks and other websites)	02	02	02
Books	03	03	03
Written press	04	04	04
Radio	05	05	05
Scientific or technical journals	06	06	06
Weekly general information magazines	07	07	07
Television	08	08	08
Other (Please record):	97	97	97
None (Do not read)	98	98	98
Does not know (Do not read)	99	99	99

Q.10A.2 *ONLY THOSE WHO HAVE ANSWERED INTERNET (IN POSITION 1, 2 OR 3) in Q.10.* **I have been told that you are informed about science and technology over the internet. Please tell me through which media in particular.** *READ AND RESPOND ONE BY ONE. SHOW THE CARD.*

	Yes	NO
Social networks (Facebook, Twitter, etc.)	1	2
General digital media (*El País, El Mundo,* etc.)	1	2
Digital media specializing in science and technology	1	2
Blogs / Forums	1	2
Podcast / Internet radio	1	2
Videos (Youtube or similar sites)	1	2
Wikipedia	1	2
Other **(Please record):**	1	2
Does not know **(Do not read)**	98	
No answer **(Do not read)**	99	

ONLY SUB-SAMPLE 1

Q.11B. What image do you have of the profession of researcher? Would you say that it is...?
SHOW THE CARD.

1. ATTRACTIVE	
Very attractive to young people	1
Unattractive to young people	2
Does not know **(Do not read)**	98
No answer **(Do not read)**	99
2. PERSONALLY REWARDING	
It is personally rewarding	1
It is not personally rewarding	2
Does not know **(Do not read)**	98
No answer **(Do not read)**	99
3. 3. ECONOMIC REMUNERATION	
Good economic remuneration	1
Poor economic remuneration	2
Does not know **(Do not read)**	98
No answer **(Do not read)**	99
4. SOCIAL RECOGNITION	
With high social recognition	1
With scarce social recognition	2
Does not know **(Do not read)**	98
No answer **(Do not read)**	99

ONLY SUB-SAMPLE 3 AND 4

Q.10C.1. Have you ever used alternative treatments such as homeopathy or acupuncture?

Yes	1
No	2
98 Does not know **(Do not read)**	8
99 No answer **(Do not read)**	9

ASK ONLY THOSE WHO ANSWERED "YES" IN Q.10 C.1.
Q.10C.2. The last time you used them, you did so...

Instead of conventional medical treatments.	1
As a complement to conventional medical treatments.	2
Does not know **(Do not read)**	8
No answer **(Do not read)**	9

ASK ONLY THOSE WHO ANSWER "YES" IN Q.10C.1
Q.10C.3 The last time you used them, for what type of ailment did you use them? (PRE-CODED, DO NOT READ). MULTIPLE CHOICE.

Cold	1
Pain	2
Allergies	3
Skin treatment	4
Digestive	5
Stress, anxiety	6
Depression	7
Cancer	8
Other (Please record):	98
None (Do not read)	97
Does not know (Do not read)	99

ASK ONLY THOSE WHO ANSWERED "YES" IN Q.10C.1
Q.10C.4. Based on the first time you used alternative treatments, who advised you to use them? Please tick only ONE of the following options.
Q10.C.5. How about any other? Please tick only ONE of the following.

	1st	2nd
Family/ Friends	01	01
Acquaintances/ Neighbours/ Neighbours/ Colleagues/ Coworkers	02	02
Internet /Social networks	03	03
Doctor or nurse	04	04
Practitioner of alternative or non-conventional medicine	05	05
Pharmacist	06	06
Patient associations	07	07
Herbolario	08	08
Herbalist	09	09
None (Do not read)	98	
Does not know (Do not read)	99	

TO EVERYBODY

Q.12. Regarding the following practices, please indicate your level of trust in the following as regards their usefulness for health and general well-being: none, low, quite high, very high. *READ. ROTATE.*

	1	2	3	4	5	97 Does not know	99 No answer
The general practitioner's practice							
Homeopathy							
Common flu vaccine							
Childhood vaccines							
Reiki (Treatment of ailments or illnesses by laying on of hands)							

ONLY SUB-SAMPLE 1

Q13.A
How do you think Spain compares to the EU average in terms of scientific and technological research?
READ. SIMPLE ANSWER

Spain is further ahead	1
Spain is at the same level (Do not read)	2
Spain is further behind	3
None (Do not read)	8
Does not know (Do not read)	9

Q.14.A Now please tell me whether the different levels of government should invest more or less in science and technology research. SHOW CARD And hat about private companies?

	Should invest less	Maintain the curreny level of investmente	Should invest more	Does not know (Do not read)	No answer (Do not read)
Spanish Government	1	2	3	97	99
Regional governments	1	2	3	97	99
Local administration (cities)	1	2	3	97	99
Private companies	1	2	3	97	99

Q.15.A Currently there are several initiatives for citizens to altruistically fund scientific projects, as well as other initiatives of social interest carried out by NGOs or other organizations. Would you be willing to incorporate science among your disinterested donations of money?

Yes	1
No	2
I'd be willing, but I don't stand a chance **(Do not read)**	3
Does not know **(Do not read)**	97
No answer **(Do not read)**	99

ONLY SUB-SAMPLE 2

Q.13.B. Next, I'm going to read out statements that describe behaviours that people can adopt in their daily lives. For each of them, please tell me if the statements describe something that you do frequently, occasionally, or very rarely.
ROTATE TOPICS. READ AND VALUE ONE BY ONE. ONLY ONE ANSWER PER ITEM. SHOW THE CARD.

	Yes, frequently	Yes, once in a while	No, very rarely.	Does not know (Do not read)	No answer (Do not read)
I read the package inserts of medications before using them.	1	2	3	97	99
I try to stay informed in the event of a health alarm.	1	2	3	97	99

Q.14.B.1 I'm going to read out a series of activities now. Which of them have you carried out in the last 12 months?
INTERVIEWER: READ AND ROTATE TOPICS. SHOW THE CARD

Q.14.B.2 FOR EACH OF THOSE YOU HAVE AFFIRMED TO HAVE CARRIED OVER THE LAST 12 MONTHS: Approximately how many times in the last year have you done this activity?
INTERVIEWER: Register the approx. number of times.

	Q.14.B.1.			Q.14.B.2	
	YES	NO	Does not know (Do not read)	Approx. number of times	Does not know (Do not read)
Visiting science and technology museums	1	2	99		99
Scientific dissemination activities (conferences, meetings, fairs, Science Week, etc.).	1	2	99		99

ONLY SUB-SAMPLE 1 AND 2

Q.13.C. I am now going to ask you to give us your opinion on some specific applications of science and technology. Regardless of their benefits, to what extent do you consider that they have risks... (please use a scale of 1 to 5 where 1 means "no risk" and 5 means "many risks").
READ. ROTATE. SHOW CARD

	Risks (1 to 5)	I don't have an opinion on this issue. (Do not read)	I don't know what this application is. (Do not read)	Does not answer (Do not read)
Cultivation of genetically modified plants		97	98	99
Nuclear energy		97	98	99
Fracking		97	98	99
Animal experimentation for medical purposes		97	98	99
Wind turbines (windmills)		97	98	99
Artificial intelligence		97	98	99
Robotisation at work		97	98	99

Q.14.C. Regardless the risks, to what extent do you consider you have benefits.... (please use a scale of 1 to 5, where 1 means "no benefits" and 5 means "many benefits").
READ. ROTATE. SHOW THE CARD
NOTE: Do not ask about applications the interviewee has previously said he/she does not know.

	Benefits (1 to 5)	I don't have an opinion on this issue. (Do not read)	No answer (Do not read)
Cultivation of genetically modified plants		98	99
Nuclear energy		98	99
Fracking		98	99
Animal experimentation for medical purposes		98	99
Wind turbines (windmills)		98	99
Artificial intelligence		98	99
Robotisation at work		98	99

ONLY SUB-SAMPLE 3 Y 4

Q.15. And I'm going to ask you now about the common flu vaccines. How do you rate...
SHOW CARD. DON'T ROTATE.

1.   Its effectiveness

Very high	1
High	2
Medium	3
Low	4
Very low	5
Does not know **(Do not read)**	8
No answer **(Do not read)**	9

2.   …its risk of serious side effects

Very high	1
High	2
Medium	3
Low	4
Very low	5
Does not know **(Do not read)**	8
No answer **(Do not read)**	9

Q15.3. And, as a whole, when assessing common influenza vaccines...
MENTION ALTERNATIVE RESPONSES

Benefits outweigh risks	1
Risks outweigh benefits	2
Does not know **(Do not read)**	8
No answer **(Do not read)**	9

Q16. In last year's flu vaccination campaign, did you get vaccinated?

Yes	1
No	2

Q17. And this coming autumn, do you plan to be vaccinated against the common flu? (SHOW Scale 1 to 7)

No, en absoluto						Totalmente seguro
1	2	3	4	5	6	7

TO EVERYBODY

Q.18. In general, how would you rate the quality of the public health system?

Good	1
Rather good	2
Rather poor	3
Poor	4
98 Does not know **(Do not read)**	97
99 No answer **(Do not read)**	99

ONLY SUB-SAMPLE 3 Y 4

Q19. To what extent do you agree with these statements? Please use a scale of 1 to 7, where 1 means strongly disagree and 7 means strongly agree.

	I agree (1 a 7)	Does not know (Do not read)	Does not answer (do not read)
Vaccines are necessary to protect people's health.		97	99
Vaccines work well to prevent the diseases they are intended to prevent.		97	99
If a person is not vaccinated they can get diseases such as measles.		97	99
Children get too many vaccines		97	99
If vaccinated, a child can suffer serious side effects.		97	99
The health authorities in charge of my vaccinations have my best interests at heart.		97	99
I have a good relationship with my family doctor.		97	99

Q20. To what extent do you agree with these statements? Please use a scale of 1 to 7, where 1 means strongly disagree and 7 means strongly agree.

	I agree (1 a 7)	Does not know (Do not read)	Does not answer (do not read)
Vaccine safety data is often falsified.		97	99
Vaccinating children is harmful and this fact is hidden.		97	99
Pharmaceutical companies hide the dangers of vaccines..		97	99
People are misled about the effectiveness of vaccines.		97	99
People are misled about the effectiveness of vaccines.		97	99
People are misled about the safety of vaccines.		97	99
The government is trying to hide the link between vaccines and autism.		97	99

TO EVERYBODY

Q.21 I would like you to tell me to what extent you agree with each of the following statements. Use the scale from 1 "strongly disagree" to 7 "strongly agree".
ROTATE TOPICS. READ AND RATE ONE BY ONE. ONE ANSWER PER ITEM. SHOW YHE CARD.

	1–7	Does not know (Do not read)	Does not answer (do not read)
Those who pay for research can influence scientists to reach conclusions that suit them.		98	99
If the consequences of a new technology are not known, caution should be exercised and its use controlled to protect health or the environment.		98	99
Scientific knowledge is the best basis for developing laws and regulations		98	99
Citizens should have a greater role in decisions on science and technology that directly affect them.		98	99

Q.22. Now, thinking about private companies, how confident are you that SCIENTISTS working for COMPANIES do their work with the intention of benefiting the general population? Use the scale from 1 "strongly disagree" to 7 "strongly agree".

I fully disagree						Totalmente de acuerdo
1	2	3	4	5	6	7

ONLY SUB-SAMPLE 1

Q23A. I am now going to read you a series of statements concerning children and the use of computers. Please tell me whether you strongly agree, rather agree, rather disagree or strongly disagree with each of them.
ROTATE TOPICS. READ AND RATE ONE BY ONE. ONE ANSWER PER ITEM. SHOW YHE CARD.

	1–4	NS (No leer)	NC (No leer)
Computer use stifles children's creativity and imagination		98	99
Computer use helps children's studies		98	99
Computer contact leads children to be more introverted, less communicative		98	99
Children will have a better professional future if they are computer literate		98	99

Q24A. And personally, do you consider yourself sufficiently skilled or trained to take advantage of the opportunities offered by new technologies?

Strongly disagree	1
Rather disagree	2
Neither agree nor disagree (do not read)	3
Rather agree	4
Strongly agree	5
Does not know **(do not read)**	97
No answer **(do not read)**	99

ONLY SUB-SAMPLE 1

Q.25A. Thinking about the introduction of robots in the workplace, how do you assess their effect on...
SHOW CARD. NO NOT ROTATE

1. Improving the competitiveness of companies	
Very high	1
High	2
Medium	3
Low	4
Very low	5
Does not know **(Do not read)**	8
No answer **(Do not read)**	9

2. The risk of rising unemployment in the country	
Very high	1
High	2
Medium	3
Low	4
Very low	5
Does not know **(Do not read)**	8
No answer **(Do not read)**	9

Q25A.3 And as a whole, when assessing the introduction of robots in the workplace...
MENTION ALTERNATIVE RESPONSES

Benefits outweigh risks	1
Risks outweigh benefits	2
Does not know **(Do not read)**	8
No answer **(Do not read)**	9

ONLY SUB-SAMPLE 2
Q26A. Thinking about the use of personal data with artificial intelligence - how do you assess its effect on...
SHOW CARD. DO NOT ROTATE.

3. Improving the quality of public and business services	
Very high	1
High	2
Medium	3
Low	4
Very low	5
Does not know **(Do not read)**	8
No answer **(Do not read)**	9

4. The risk of being manipulated with our own data by companies or governments.	
Very high	1
High	2
Medium	3
Low	4
Very low	5
Does not know **(Do not read)**	8
No answer **(Do not read)**	9

Q.26A.3 And, as a whole, when assessing the use of personal data with artificial intelligence.
MENTION ALTERNATIVE RESPONSES

Benefits outweigh risks	1
Risks outweigh benefits	2
Does not know **(Do not read)**	8
No answer **(Do not read)**	9

ONLY SUB-SAMPLE 1
(Special Eurobarometer 490)

Q.23.C **To what extent do you think climate change is a serious problem? Use a scale from 0 to 10, where '0' means that it is "not a serious problem at all" and '10' means that it is "an extremely serious problem".**
(SHOW SCREEN)

0- Not a serious problem at all		10 – This is an extremely serious problem

Q.24.C **To what extent do you consider that technological innovation can mitigate climate change? Please answer on a scale of 0 to 10, where 0 is not at all and 10 is full agreement.**

0- Nada en absoluto		10 – Full agreement

Q.25C Have you done any of the following activities In the last year?
SHOW ITEMS

	YES	NO
Participate in a demonstration or protest against climate change.	1	2
Buy or stop buying products for ethical or environmental reasons	1	2
Signing manifestos on environmental or climate issues on the Internet	1	2
Post environmental images or videos on social networks such as Facebook, Twitter, etc.	1	2

Q26C. Here are some sentences about environmental problems. Could you please tell me which of them comes closest to your opinion? (ONLY ONE ANSWER).

Environmental problems have always existed, it's just that they are more talked about nowadays.	1
Environmental problems are mainly due to the development of science and technology.	2
Environmental problems are mainly due to the high level of consumption.	3
Does not know **(Do not read)**	97
No answer **(Do not read)**	99

TO EVERYBODY

Q.27. If you had to take stock of science and technology taking into account all the positive and negative aspects, which of the following options would best reflect your opinion?
READ. SHOW THE CARD

The benefits of science and technology outweigh their harms	1
The benefits and harms of science and technology are balanced	2
The harms of science and technology outweigh the benefits	3
I don't have an opinion on this issue. **(Do not read)**	98
No answer **(Do not read)**	99

ONLY SUB-SAMPLE 1 AND 2

Q.28C. Has science and technology, in your opinion, brought more benefits than harm, the same benefits as harm, or more harm than benefit to...?
(INTERVIEWER: ROTATE TOPICS. READ AND GET RESPONSE ONE AT A TIME). SHOW CARD

	Benefits outweigh harms	Benefits and harms are balanced	Harms are greater than the benefits	I don't have an opinion on this issue. (Do not read)	No answer (Do not read)
Quality of life in society	1	2	3	97	99
Conservation of the environment and nature	1	2	3	97	99
Tackling diseases and epidemics	1	2	3	97	99
The generation of new jobs	1	2	3	97	99
The increase in individual freedom	1	2	3	97	99
Protection of personal data and privacy	1	2	3	97	99
Reducing the gap between rich and poor countries	1	2	3	97	99

TO EVERYBODY

Q.29. A. I'm going to show you several pairs of sentences. Please tell me which one is correct. Try to answer from your best knowledge.
READ.ROTATE TOPICS. SHOW THE CARD

The Sun revolves around the Earth.	The Earth revolves around the Sun.
Antibiotics cure infections caused by both viruses and bacteria.	Antibiotics cure infections caused by bacteria.
The first humans lived at the same time as dinosaurs.	Humans never co-existed with dinosaurs.
Current climate change is a consequence of the hole in the ozone layer.	Current climate change is mainly due to the accumulation of greenhouse gases.
Current climate change is a consequence of the hole in the ozone layer.	Current climate change is mainly due to the accumulation of greenhouse gases.
The pi number (π) is often used, among other things, in the manufacture of tyres.	The number pi (π) is the relationship between the legs and the hypotenuse of a triangle.

ONLY SUB-SAMPLES 1 AND 2

Q.30A. I would like you to tell me if you disagree entirely, quite a lot, neither agree nor disagree, reasonably agree or totally agree with the following statements.
ROTATE TOPICS. READ AND VALUE ONE BY ONE. ONLY ONE ANSWER PER ITEM. SHOW THE CARD

	1 – 5	NS	NC
Science TOPICS always gave me a hard time.		98	99
Science is so specialized that it's hard for me to understand it.		98	99

ONLY SUB-SAMPLE 2

Q.28B. Suppose scientists are studying the effectiveness of a medicine for high blood pressure. I am going to present you with four options for conducting such a study. Which of the options would be the most useful to the scientists in establishing the effectiveness of the medicine?
TICK ONLY ONE ANSWER. READ. ROTATE. SHOW CARD

Ask patients how they are feeling to see if they notice any effects.	1
Analyse the effect of each of the drug's components separately	2

Give the drug to some patients but not to others, and compare what happens to the two groups.	3
Use their knowledge of medicine to establish the efficacy of the medicine	4
Does not know (Do not read)	97
No answer (Do not read)	99

TO EVERYBODY

ONLY SUB-SAMPLE 1

SUB-SAMPLE 1

Q.28A. Which of the following statements best describes your position on decision-making on scientific issues of societal concern. *SHOW CARD*

I am already actively involved in decision-making on scientific issues	1
I would like to be actively involved in decision-making on scientific issues.	2
I would like to have a say in scientific decisions.	3
I would like citizens to be able to participate in decision-making on scientific issues but I don't want to get involved personally.	4
I am not interested in being involved in decision-making on scientific issues as long as scientists are involved.	5
Does not know **(Do not read)**	98
No answer **(Do not read)**	99

Q.31.1. On this card you have a number of opposing views. How would you place your views on this scale?

0. I don't feel confident about my political beliefs.
1
2
3
4
5
6
7
8
9
10 I feel totally secure in my political beliefs.
98 Does not know
99 No answer

P.31.2.

0 My view of the world is very rare among people.
1
2
3
4
5
6
7
8
9
10 My view of the world is the same as most people.
98 Does not know
99 No answer

CLASSIFICATION DATA

D.1. GENDER

Man 1
Woman.................... 2

D.2.1 AGE. *(INTERVIWER REGISTER THE AGE AND CODE)*

Age: _____
No answer........... 100

Between 15 and 24 ...1
Between 25 and 34 ...2
Between 35 and 44 ...3
Between 45 and 54 ...4
Between 55 and 64 ...5
65 or older   6

D.2.2 In general, would you say that your health is...?	
Very good	1
Good	2
Not so good	3
Bad	4
Very bad	5
Does not know **(do not read)**	99
No answer **(do not read)**	100

D.3. Do you have any children? YES/ NO
Of what age?
0 – 4 ....Yes / No
5 – 17 ....Yes / No
18 or older............Yes / No

D.4. **When talking about politics, the expressions left and right are normally used. In this card there are a series of boxes that go from left to right. In which box would you place yourself where 1 means far left and 10 means far right?**
SHOW THE CARD WITH THE SCALE. ASK THE INTERVIEWEE TO INDICATE THE BOX IN WHICH HE/SHE WOULD BE PLACED AND ROUND OFF THE CORRESPONDING NUMBER.

Far lelt.		Left			Centre-left	Centre-right		Right		Far right		
1	2	3	4	5	6	7	8	9	10	99DK	100NA
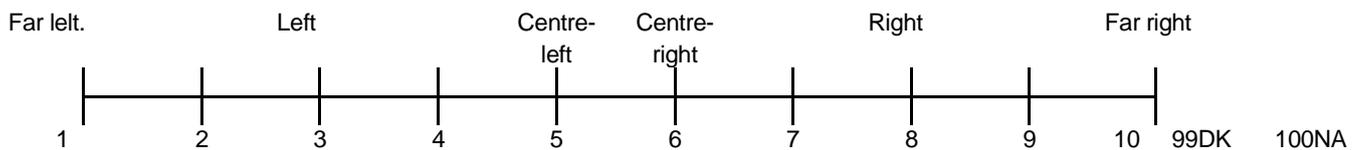
D.5. Which are the highest level official studies that you have completed (obtaining the corresponding official degree)?
OPEN QUESTION. INTERVIEWER: REGISTER THE LITERAL ANSWER AND CODE

Literal answer: _____

Don't know how to read
(illiterate) 1
No education, knows how to read 2
Incomplete Primary Education (Preschool) 3
1st Grade Education (GBS/EGB 1st stage, Entry Course, etc.) (Studied until age of 10)... 4
2nd Grade/1st Cycle Teaching (2nd stage GBS/EGB, 4th year of Baccalaureate, School Graduate, Administrative Assistant, General Culture, etc.) (Studied until age 14)... 5
2nd Grade/2nd Cycle Teaching (BUP, COU, FP1, FP2, PREU, Higher Baccalaureate, University Access, Language School, etc.). 6

First cycle university education, 3-year courses (University Schools, Technical Engineering / Expertise, Diplomas, Medical Assistant, Social Graduate, Teaching, three years of studies, etc.). 7   → What is the area of his/her degree? **INTERVIEWER**

Second cycle university education, 4-6-year courses (Faculties, Technical Schools, Technical Higher Schools, Graduates, etc.). 8

Third cycle university education (Doctorate) 9

1. Natural sciences
2. Engineering and technology
3. Medicine and Health Sciences
4. Agriculture Sciences
5. Social Sciences
6. Arts and Humanities

No answer **(Do not read)** 100

ASK ONLY IF THE INTERVIEWED INDIVIDUAL ANSWERED IN D5 = 7 a 9
D5.1 And given your academic background, do you consider yourself to be more of being of the arts / humanities or more being of science
More of science
More of arts / humanities
Of both (DO NOT READ)
Of none of both (DO NOT READ)
Does not know

ASK ONLY IF THE INTERVIEWED INDIVIDUAL ANSWERED IN D5 = 1 a 6
D5.2. And given your personal preferences, do you consider yourself to be more of of the arts / humanities or more being of science
More of arts / humanities
Of both (DO NOT READ)
Of none of both (DO NOT READ)
Does not know

D.6. What are the <u>highest level</u> official studies your mother has completed?
OPEN QUESTION INTERVIEWER: REGISTER THE LITERAL ANSWER AND CODE

Literal answer: _____

Don't know how to read
(illiterate) 1
No education, knows how to read 2
Incomplete Primary Education (Preschool) 3
1st Grade Education (GBS/EGB 1st stage, Entry Course, etc.) (Studied until age of 10) 4
2nd Grade/1st Cycle Teaching (2nd stage GBS/EGB, 4th year of Baccalaureate, School Graduate, Administrative Assistant, General Culture, etc.) (Studied until age 14) 5
2nd Grade/2nd Cycle Teaching (BUP, COU, FP1, FP2, PREU, Higher Baccalaureate, University Access, Language School, etc.). 6

First cycle university education, 3-year courses (University Schools, Technical Engineering / Expertise, Diplomas, Medical Assistant, Social Graduate, Teaching, three years of studies, etc.). 7

→ What is the area of his/her degree?
  INTERVIEWER

Second cycle university education, 4-6-year courses (Faculties, Technical Schools, Technical Higher Schools, Graduates, etc.). 8

Third cycle university education (Doctorate) 9

1. Natural sciences
2. Engineering and technology
3. Medicine and Health Sciences
4. Agriculture Sciences
5. Social Sciences
6. Arts and Humanities

No answer **(Do not read)** 100

D.7. What are the <u>highest level</u> official studies your father has completed?
REGISTER THE LITERAL ANSWER AND CODE

Literal answer: _____

Don't know how to read
(illiterate) 1
No education, knows how to read 2
Incomplete Primary Education (Preschool) 3
1st Grade Education (GBS/EGB 1st stage, Entry Course, etc.) (Studied until
age of 10).. 4
2nd Grade/1st Cycle Teaching (2nd stage GBS/EGB, 4th year of
Baccalaureate, School Graduate, Administrative Assistant, General Culture,
etc.) (Studied until age 14) 5
2nd Grade/2nd Cycle Teaching (BUP, COU, FP1, FP2, PREU, Higher
Baccalaureate, University Access, Language School, etc.). 6

First cycle university education, 3-year courses (University Schools,
Technical Engineering / Expertise, Diplomas, Medical Assistant, Social
Graduate, Teaching, three years of studies, etc.). 7
Second cycle university education, 4-6-year courses (Faculties, Technical
Schools, Technical Higher Schools, Graduates, etc.). 8
Third cycle university education (Doctorate) 9

→ What is the area of his/her degree?
 INTERVIEWER

1. Natural sciences
2. Engineering and technology
3. Medicine and Health Sciences
4. Agriculture Sciences
5. Social Sciences
6. Arts and Humanities

No answer **(Do not read)** 100

D.8. What do you regard yourself as in religious matters?

Practicing Catholic 1
Non-practicing Catholic.. 2
Believer of another religion (specify which) _____ 3
Indifferent or agnostic.. 4
Atheist 5
Does not answer **(Do not read)**..100

D.9.A. . Knowing that the net family income is around 1,100 Euros per month, is your household's family income...?

Much higher (more than double)..1
Higher...2
Around that figure..3
Lower 4
Much lower (less than Half that amount) 5
Does not know **(Do not read)**...99
No answer **(Do not read)** 100

D9.B. And now, without asking you to give me an exact amount, please indicate on this card in which range of the scale the net family income per month of your household is included.
SHOW THE CARD

Has no income of any kind...01
Less or equal to 300 €..02
Between 301 and 600 € 03
Between 601 and 900 € 04
Between 901 and 1.200 € 05
Between 1,201 and 1,800 € 06
Between 1,801 and 2,400 € 07
Between 2,401 and 3,000 € 08
Between 3,001 and 4,500 € 09
Between 4,501 and 6,000 € 10
More than 6.000 € 11
Does not know 99
No answer 100

D.10.A.   Which of these situations are you currently in?

You are employed by others 1   **→ Go to D.10.B.**
Your are self-employed.. .2   **→ Go to D.11.**
Retired, pensioner.. 3   **→ Go to D.10.B.**
Unemployed, having worked previously 4   **→ Go to D.10.B.**

Unemployed, looking for first job 5
Housewife 6   → **Go to D.11.**
Student... 7
No answer **(Do not read)**.. 98

D.10.B Ask if in D.10.A. the interviewee responded to codes 1, 3 or 4.

What exactly is/was your job/occupation?
INTERVIEWER: WRITE DOWN AND SPECIFY IN MAXIMUM DETAIL THE LITERAL ANSWER AND CODE.
Literal answer: _____

General Manager/Chairman	01
Manager	02
Intermediate managers/ Department heads	03
Professions associated with Second Cycle degrees (Graduate, Architect or Engineer)	04
Professions associated with First Cycle degrees (Diplomate, Technical Architect or Technical Engineer)	05
Foremen	06
Sales representatives, commercial agents	07
Administrative	08
Skilled workers (carpenters, plumbers, drivers, police, fire-fighters...)	09
Salespeople, store clerk	10
Unskilled workers (labourers, domestic employees, subordinates, janitors, farm labourers and other unskilled wage earners)	11
Other, please specify	98
Does not answer **(Do not read)**	100

D.11.1. In which sector/industry/business have you worked most of your working life?

1. Agriculture, livestock and fisheries
2. Industry (mining, food industry, textile, graphic arts, chemical industry, etc.)
3. Supplies (electricity, water, waste management, decontamination, ...)
4. Construction, engineering and architecture
5. Commerce, hospitality, catering and distribution
6. Information and communications (telecommunications, programming...)
7. Professional services (legal, accounting, banking, insurance, human resources, advertising, design,...)
8. University and research.
9. Education (primary and secondary)
10. Public administration and defence
11. Culture (literature, humanities, journalism)
12. Health care and pharmaceuticals
13. Artistic activities (art, crafts, show business)
14. Household
15. Never has worked
16. No answer

ONLY SUB-SAMPLES 1 AND 2

TO THOSE RESPONDING IN D.10.A.= 1,2 or 6 (EUROBAROMETER)
D11.2. Do you think your job could be done by a robot or artificial intelligence in 15 years?
Yes, totally
Yes, mostly
Yes, but only partially
No, not at all

TO THOSE RESPONDING IN D.10.A.= 3 or 4
D11.3. Do you think your last job could be done by a robot or artificial intelligence in 15 years?
Yes, totally
Yes, mostly
Yes, but only partially
No, not at all

TO THOSE RESPONDING IN D.10.A.= 5 or 7
D11.4. Do you think that the job you are preparing for could be done by a robot or artificial intelligence in 15 years?
Yes, totally
Yes, mostly
Yes, but only partially
No, not at all

TO EVERYBODY

D.12. On average, how often have you used the internet in the last 3 months?

a) Daily, at least 5 times a week... 1 → **Go to D.14.**

b) Every week, but not daily.. 2 → **Go to D.14.**

c) Less than once a week... 3 → **Go to D.13.**

d) Never…………………………………………………………...............4 → **Go to D.13.**

D.13. Why don't you use the internet or why don't you use it more often?

INTERVIEWER: *DO NOT READ*

a) I don't know how to use the internet.. 1
b) I don't understand (or don't properly understand) the internet 2
c) I do not like the internet... 3
d) I don't need to use (or more frequently use) the internet..... 4

D.14. Province

Álava 1
Albacete 2
Alicante 3
Almería.. 4
Asturias 5
Ávila 6
Badajoz 7
Baleares 8
Barcelona 9
Burgos... 10
Cáceres... 11
Cádiz 12
Cantabria... 13
Castellón 14
Ceuta... 15
Ciudad Real... 16
Córdoba 17
Coruña, A 18
Cuenca.. 19
Girona 20
Granada 21
Guadalajara... 22
Guipúzcoa 23
Huelva 24
Huesca 25
Jaén 26
León 27
Lleida... 28
Lugo 29
Madrid 30
Málaga 31
Melilla 32
Murcia 33
Navarra 34
Ourense 35
Palencia 36
Palmas, Las... 37
Pontevedra.. 38
Rioja, La 39
Salamanca 40
Segovia 41
Sevilla.. 42
Soria.. 43
Tarragona.. 44
Tenerife 45
Teruel.. 46
Toledo 47
Valencia 48

D.15. City size

Less than 10,000 inhabitants.................................... 1
Between10,001 and 20,000 inhabitants 2
Between 20,001 and 50,000 inhabitants 3
Between 50,001 and 100,000 inhabitants 4
Between 100,001 and 500,000 inhabitants 5
More than 500,000 inhabitants 6

D.16. REGISTER DATE AND TIME OF COMPLETION OF THE SURVEY

MANY THANKS FOR YOUR COOPERATION