

CONSUMER SURVEY OF FOOD SAFETY AND ATTITUDES TO RISK

READ OUT

We are asking a cross section of Scottish people for their opinions on food safety and risk. Would you mind answering the following questions. They will take approximately 20 minutes.

Please be assured that your answers will not be given to anyone else, they will be treated with the utmost confidentiality and shall remain anonymous.

This survey forms part of a project by the European Union.

1. DO NOT ASK RESPONDENT. INTERVIEWER TO COMPLETE Where do you live ?
Nearest town:
County:
2. How would you describe the area you live in?
(1) rural area (2) urban area

We now want to ask you some general questions about risks to your health. The next two questions ask how likely you think it is, and how worried you are, that you will suffer ill health from a list of possible causes. Stress the difference between how worried and how likely before you start question 3.

SHOW CARD 1

3.	There are health risks involved i think it is that YOU will suffer ill following causes?					
	Indicate respondents level of agr	eement l	y ticking	one box pe	er line	
		highly unlikely (1)	(2)	somewhat likely (3)	(4)	highly likely (5)
a)	Sunbathing					
b)	Fire					
c)	Global warming/greenhouse effect					
d)	Chemical additives in food					
e)	Bacteria infected food					
f)	Radioactive radon gas in my home	: 🔲				
g)	Pollution from industry					
h)	Traffic accident					
i)	Radiation from nuclear power plan	ıt 🗌				
j)	Radioactive contamination in food					
k)	The hole in the ozone layer					
1)	Smoking	\Box				
m)	Alcohol	一	Ī	Ī	一	
n)	Too little exercise	一	Ī	Ī	\Box	
0)	Bad food habits					

4.	How WORRIED are you that YOU Indicate respondents level of agr					g ?
		not at all		somewhat		very
		worried (1)	(2)	worried (3)	(4)	worried (5)
a)	Sunbathing		(2)		(4)	
b)	Fire	П	П	H	П	П
c)	Global warming/greenhouse effect	t 🗍				
d)	Chemical additives in food					
e)	Bacteria infected food					
f)	Radioactive radon gas in my home					
g)	Pollution from industry					
h)	Traffic accident					
i)	Radiation from nuclear power plan	nt 🗌				
j)	Radioactive contamination in food	l 🔲				
k)	The hole in the ozone layer					
1)	Smoking				\Box	
m)	Alcohol	Ī	Ī	Ħ	Ī	Ħ
n)	Too little exercise	Ħ		\Box	Ħ	Π
o)	Bad food habits					

5.	Do you agree with the following statements?					
	Indicate respondents level of agreement by circling one number per line	Fully disagree	e			Fully agree
a)	Even with the Chernobyl accident in mind, I believe that the benefits to mankind from nuclear energy are greater than the disadvantages	1	2	3	4	5
b)	I would be willing to let my family and I eat food that contains genetically engineered animal and plant products	1	2	3	4	5
c)	The food industry is more concerned about their profits than food safety	1	2	3	4	5
d)	I would be willing to let my family and I eat food that has been treated against radioactive contamination	1	2	3	4	5
e)	The authorities spend too much money on information about food safety	1	2	3	4	5
f)	I would be willing to accept a tax increase next year, if I knew the money would be spent on a programme that would impose stricter food safety regulations on the food processing industry	1	2	3	4	5
g)	Food that is produced in Britain is safer to eat than imported food	1	2	3	4	5

We now want to ask you some questions about food safety. The next two questions ask how likely you think it is, and how worried you are, that you will suffer ill health from a list of food safety issues. Stress the difference between how worried and how likely before you start question 6.

эпоч	V CARD I								
6.	How LIKELY do you think it is following food safety issues? Assur Indicate respondents level of agree	ne your ci	arrent foo	od consumpti	on patter				
a) b) c) d) e) f) g) h)	Pesticide residues in fresh foods Infectious bacteria (like salmonella) Irradiation of food (to kill bacteria) Chemical additives Radioactive contamination Use of growth hormones Genetic engineering BSE (mad cow disease)	highly unlikely (1)	(2)	somewhat likely (3)	(4) 	highly likely (5)			
 SHOW CARD 2 7. How WORRIED are you about suffering ill health from the following food related issues? Again assume your current food consumption. Indicate respondents level of agreement by ticking one box per line 									
a) b) c) d) e) f) g) h)	Pesticide residues in fresh foods Infectious bacteria (like salmonella) Irradiation of food (to kill bacteria) Chemical additives Radioactive contamination Use of growth hormones Genetic engineering BSE (mad cow disease)	not at all worried (1)	(2)	somewhat worried (3)	(4) 	very worried (5)			
8.	Have you, or any member of acute food related disease (like	-		•	experien	iced an			
	 □ (0) no □ (1) yes → if 'yes', did yo medical treatment by □ (0) no □ (1) yes 			to go to ho	ospital c	or need			

SHOV	V CARD 4					_
9.	Using your intuitive judgement, how would you conconsumed quantities of the different foods below to the chousehold?	quantities	of ar			
	Indicate respondents level of agreement by ticking one b	ox per lin	ie			
	Much below average	(4)	:	much above average (5)		
SHOV	V CARD 5					
	During the last 12 months, how often have you Indicate respondents level of agreement by					
	circling one number per line	Never				Very often
a)	Asked, for food safety reasons, about the origin (country of production) of meat in a store or a restaurant?	1	2	3	4	5
b)	Avoided buying lamb due to fear of radioactivity in the meat?	1	2	3	4	5
c)	Avoided buying lamb due to fear of scrapie?	1	2	3	4	5
d)	Bought organically produced milk?	1	2	3	4	5
e)	Avoided buying poultry or eggs because of fear of salmonella ?	1	2	3	4	5
f)	Bought bottled water rather than used tap water due to uncertainty about tap water quality?	1	2	3	4	5
g)	Avoided buying/eating beef because of BSE (mad cow disease)?	1	2	3	4	5
						¬
11.	Are you vegetarian vegan [] (0) no [] (0) no [] (1) yes [] (1) yes	.				

12. Do you usually buy organ	ic produce whe	n it is availab	le?	
$\bigcap (0)$ no				
(1) yes				
READ OUT You may remember the accident This accident caused radioactive produced in these areas had monitored the radioactive conteguaranteed to have a radioactive	ve fallout in c increased leve nt in all foods.	certain areas els of radioa ALL food all	of Britain. activity. Gov owed to be s	Some types of food vernment authorities
SHOW CARD 1				
will get a serious disease of food that were affected venison, dairy products an Indicate respondents level	e as a result of d by the Chern ad honey)?	consuming the co	he different t (foods like la	amb,
highly unlikely (1) (2)	somewhat likely (3)	(4)	highly likely (5)	
SHOW CARD 6 14. It is more than 10 years unsafe do you think it is listed below? Indicate respondents leve	NOW for an av	verage person	to eat the fo	oods
Lamb Beef Milk Wild berries (e.g. bilberries) Wild mushrooms Honey Venison	very unsafe (1) (2) (1) (2) (1) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	neither safe nor unsafe (3)	safe safe (4) (5)	

consumption of the affect			indicate ho	w your Cl	
consumption would have					iovo your
Indicate respondents le	vel of agr	eement by	ticking o	ne box per	line
Lamb Beef Milk Wild berries (e.g. bilberries) Wild mushrooms Honey Venison	strongly reduced consumption (1)	reduced consumption (2)	no change in consumption (3)	increased consumption (4)	strongly increased consumption (5)
Respondents should answer		question (only if you	were bor	n in 1966 or
earlier (that means that they	were 20 y	ears or ol	der in 198	6)	
earlier (that means that they 16a. Were you born during or			der in 198	6)	
16a. Were you born during or yes GO TO Q no GO TO Q	before 19		der in 198	6)	
16a. Were you born during or yes GO TO Q	t before 19 16b 17 g the Che it's effects ion of the	rnobyl acc cause you foods liste	eident in 19 1 to make d below ?	986, did k changes in	nowledge your (or

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After the Chernobyl accident, information and advice about food safety was given by different sources. In order to make people feel safe in such situations, it is important that the information reaches the people and that it is well understood. Your answer to the questions below will help improve the information in case of a similar situation.

CH	OW	CARD	Q
эп	() //	CARD	a

17. How much do you trust the following information sources for their food safety information?Indicate respondents level of trust by ticking one box per line									
The Government The health authorities Experts (researchers, scientists) The food industry Newspaper journalists Radio/television journalists Politicians	no trust (1)	little trust (2)	indifferent (3) □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	some trust (4)	high trust (5)				

18. If an accident similar to the one at Chernobyl happened again, how would you prefer to hear or learn about the food safety issues resulting from the accident? Indicate respondents level of preference by ticking one box per line Newspapers										
Newspapers	you prefer to hear or learn about the food safety issues resulting from the accident?									
Preferred Indifferent Preferred	indicate respondents ic	ver or pren	ci ciicc b	y ticking on	c box pc	1 11110				
	Radio Newspapers Magazines Mail from authorities Community meetings	preferred	(2)		(4)	preferred				

19.	Below are listed statements related to the Chernobyl accident. What is your level of agreement with these statements? Indicate respondents level of agreement by circling one number per line	Fully disagree	e			Fully agree
a)	The health risk associated with radioactivity in food is considerably exaggerated	1	2	3	4	5
b)	Information about radioactivity in food is hard to understand for ordinary people	1	2	3	4	5
c)	Preventative measures against radioactivity in food do not make the food as safe for consumption as the experts claim	1	2	3	4	5
d)	The authorities should withold information about areas that are severely affected by radioactivity, in order to avoid scaring the population	1	2	3	4	5
e)	The consumers in Great Britain were given too little information about how to act after the Chernobyl accident	1	2	3	4	5
f)	All food in the stores should be labelled, stating clearly whether the product has been affected by radioactivity or not	1	2	3	4	5

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Some parts of the country received more radioactive fallout than others after the Chernobyl accident. One result of this was that food produced in these areas had an increased level of radioactivity. In some cases this could result in the food having a radioactive content above the government safety limit. Preventative measures then need to be applied to reduce the radioactive content below the safety limit before the food could be sold for human consumption. Such measures could include the farmer buying in 'clean' feed instead of using his own radioactively contaminated grass and silage.

Imagine that another accident similar to the one at Chernobyl takes place and that preventative measures need to be taken to ensure that certain foods have a radioactive content below the government limit. Imagine that some of the milk and meat sold in the stores is from areas that have been affected by the radioactive fallout, while the rest is from areas unaffected by fallout.

I would first like to ask you some questions about milk.

20a.	Do you ever buy fresh milk ?						
		2	GO TO Q20b GO TO Q21				
	how CARD 10 b. Assume that you can choose between two different types of fresh milk, each labelled with information about their radioactive content. Which of these products would you prefer to buy? tick one box						
		kept belo	milk from area w the govern we measures.		tivity limit	•	
		Brand X: fallout.	milk from are	as NOT AFFI	•	radioactive O TO Q 21	
		I am indiff	erent between v	which of the tw	•	o buy. O TO Q 22	
21.	Imagine that the brand of milk is £0.40 per pint. If £0.40 is the price per pint of your LEAST preferred milk, how much <i>extra</i> would you be willing to pay for your MOST preferred milk?						
		extroper pint.	ra (in addition	to the £0.40) is	s my maxim	num willingness	to

I would now like to ask you similar questions about lamb.

22a.	22a. Do you ever buy lamb?						
	yes GO TO Q22b						
	no GO TO Q23						
	SHOW CARD 11 22b. Assume that you can choose between two different types of lamb, each labelled with information about their radioactive content. Which of these products would you prefer to buy? tick one box						
	Brand Y: lamb from areas AFFECTED by fallout; if necessary kept below the government radioactivity limit by using preventative measures. GO TO Q 23						
	Brand Z: lamb from areas NOT AFFECTED by radioactive fallout. GO TO Q 23						
	☐ I am indifferent between which of the two products to buy. GO TO Q 24						
23.	Imagine that the brand of lamb that you preferred the least was the cheapest, and that the product you preferred the most was the most expensive.						
	The average current price of lamb is £2.50 per pound. If £2.50 is the price per pound of your LEAST preferred lamb, how much <i>extra</i> would you be willing to pay for your MOST preferred lamb?						
	\pounds extra (in addition to the £2.50) is my maximum willingness to pay per pound.						

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Finally, to help us analyse the results of the survey we would now like to get some brief details about you and your household. Like all the information collected in this survey, this is completely confidential and will not be passed to any third party.

24.	Gender							
	(1) male							
	(2) female							
	- · ·							
SHC	SHOW CARD 12							
25.	Can you tell me which of the age bands on this card applies to you?							
	Less than 20							
	\square 20 - 29							
	\square 30 - 39							
	☐ 40 - 49 ☐ 50 - 50							
	□ 50 - 59 □ 60 - 69							
	\square 70 - 79							
	\square over 80							
26.	What is your marital status ?							
	\square (1) single							
	(2) married/live in							
	(3) widow/widower							
	☐(4) divorced/separated							
27.	What is the total number of people (adults and children) living in your household?							
	nousenoid ?							
	(fill in number of persons):							
	` '							
28.	Do you have children 20 years or younger living in your household?							
	\square (0) no							
	$\square(1) \text{ yes} \rightarrow \text{if 'yes', } -\text{how many children } 0 - 6 \text{ years: } \dots$							
	— how many children 7 - 20 years:							
	20 yours							

29a.	. Which of the following did you last attend?							
	\square (1) secondary school							
	\square (2) vocational college							
	\square (3) university							
	\sqcup (5) other \rightarrow if other education, which kind:							
29b.	Did/does your educa	tion focus on a natura	al science (Biology, Geography,					
	Geology, Environme	ntal Science etc.) ?						
	Tick one box							
	□(0) xxaa							
	\square (0) yes							
	\square (1) no							
SHC	OW CARD 13							
		apuld you plaga (call me vihich hand heat reflects vous					
30.	household's total inco		tell me which band best reflects your					
	nousenoid's total inco	me before tax ?						
	Band A	Less than £5000						
	Band B	£5000 - 14999						
	Band C	£15000 - 24999						
	Band D	£25000 - 34999						
	Band E	£35000 - 44999	D 1					
	Band F	£45000 - 54999	Band					
	Band G	£55000 - 64999						
	Band H	£65000 - 74999						
	Band I	£75000 and over						
	Band J	Undisclosed						
	Dana 3	Ondisclosed						
31.	What is or was your N	MAIN sector of work						
	Tick one alternativ	e						
	* *	duction (agriculture,						
	☐(2) Manufactur	ring/industry (wood	and food processing, metal industry,					
	construction etc.)							
	(3) Public service (public administration, teaching/lecturing, health etc.)							
	(4) Private service (banks, transportation, catering, sales etc.)							
	[8] I have never had paid employment (housewife, on benefit, in education							
	etc.)							