## **Topline Results**

- Results are based on interviews with 1,831 adults aged 16+ across the United Kingdom. This comprises: 1,450 interviews in England, 101 in Northern Ireland, 129 in Wales, 151 in Scotland, and 495 with BME groups
- Interviews were conducted face-to-face between 20 September – 21 November 2004
- Data are weighted by sex, age, working status, region and ethnic group to the 2001 UK Census; and by social class to the July 2001 National Readership Survey
- Where results do not sum to 100, this is due to multiple answers or computer rounding
- Base all (1,831), unless otherwise specified.

Good morning, afternoon, evening. My name is ... from MORI, the opinion research organisation, and we are carrying out a survey on various issues. After the first few questions, we will give you a little more information about the topic.

The interview will take around 35 minutes, and, if now is not convenient for you, we could arrange a time for me to come and interview you that would be more convenient.

We will tell you the name of MORI's client at the end of the interview.

I would like to assure you that all the information we collect will be kept in the strictest confidence, and used for research purposes only. It will not be possible to identify any particular individual or address in the results. Q Which two or three issues in your life, if any, are most important to you personally? DO NOT PROMPT. PROBE FOR UP TO THREE. IF NECESSARY: What else? CODE UP TO THREE

	%
Anti-social behaviour/Tackling	
anti-social behaviour	6
Bringing up children/Caring for a	
relative	11
Crime/Tackling crime/Law &	
Order/Vandalism	8
Defence/Foreign affairs/Iraq	3
Education/A good education	7
Education system/A good	
education system	4
Environmental issues	6
Europe/EU/Relations with	
France, Germany, etc.	1
Friends and family	60
Health/Good health	35
Healthcare system/A good	
healthcare system/NHS	9
Helping Sudan/other developing	
countries	*
Housing/Having a good home to	
live in	11
Job/Having a job (i.e. paid work)	17
Money/Having financial security	21
Politics/Political issues/Current	
affairs	3
Public transport/Having good	
public transport	1
Race	
relations/Immigration/Asylum	2
Science/Cloning/Animal	
experimentation etc.	1
Terrorism/Tackling terrorism	3
Traffic congestion/Tackling traffic	
congestion	1
The economy/Cost of	
living/Inflation	4
Happiness	4
Car/Cars	*
Pets	1
Personal relationships	1
Sport	1
Faith/Religion	3
Other (PLEASE WRITE IN)	8
None of these	1
Don't know	3

#### ALTERNATE ORDER OF ASKING Q AND Q. IF YOU HAVE AN <u>ODD</u> SAMPLE POINT NUMBER, PLEASE ASK <u>VERSION 1</u> IF YOU HAVE AN <u>EVEN</u> SAMPLE POINT NUMBER, PLEASE ASK <u>VERSION 2</u>

#### Q When I say... 'science' ...what comes to mind? DO NOT PROMPT. PROBE FULLY. MULTICODE OK.

(899)Base: Adults aged 16+ (Version 1) % Advancement/Progress/The future/Better world/Helping mankind/Easier living/Easier 14 life Biology/Chemistry/Physics 15 Boffins/Nerds/Eccentric/Craz y/ Boring/Mad/Mad professor/Mysterious 4 Bombs/War/Destruction of 2 mankind Laboratory/Labs/ Bunsen burners/ Test tubes/Chemicals/ Chemical reaction 19 Communications/'Phones 1 Computers/IT 5 Difficult/Difficult to 1 understand Engineering 4 Environment/Nature/Plants 5 Experiment/Inquisitive/ Understanding 7 Fiction/Science fiction 2 Food/Food production 1 Genetics/DNA/GM food/GM crops 3 Health/Drugs/Cures for diseases/Hospitals/Doctors/ Medicine/Hygiene 17 Important/Necessary 1 Ideas/Innovation/Invention/ Discovery/ Research/ Analysis/Logic 16 Nanotechnology 2 New appliances/New 6 technology School/Horrible teacher/Disliked at school/ 12 Boring Science festival/Science Museum/centre 2



Space/Rockets/Astronomy	10
Test-tube babies/IVF	2
Energy/Power	*
Weather/Meteorology	*
Technology	1
Schools/Education	1
Machine/Machinery/Mechanis	
ed Appliance	*
White coats	1
Other (PLEASE WRITE IN)	10
Nothing	6
Don't know	4

## Q When I say... 'engineering' ...what comes to mind? DO NOT PROMPT. PROBE FULLY. MULTICODE OK.

Base: Adults aged 16+ (Version 2)	(932) %
Advancement/Progress/The future/Better world/Helping mankind/Easier living/Easier	4
life	+
Assembly/Construction/Buildi	
ng/Building sites/	
Bridges/Tunnelling/Channel	
Tunnel	32
Biology/Chemistry/Physics	3
Boffins/Nerds/Eccentric/Craz	
y/ Boring/Mad/Mad	
professor/Mysterious	*
Communications/'Phones	1
Difficult/Difficult to	*
understand	
Computers/IT	3
Design/Designing/ Fixing/	5
Manufacturing/Making things/	
Maintenance	21
Energy/Power	4
Genetics/DNA/GM	т
food/GM crops	2
Industrial/Infrastructure/	2
Installation/Utility/Water	7
	1
Important/Necessary Ideas/Innovation/Invention/	1
Discovery/Research/	
Analysis/Logic	6
Laboratory/Labs/	0
Bunsen burners/	
Test tubes/	
Chemicals/Chemical reaction	2
Machines/Machinery/Mechani	2
cal/Mechanised	31
appliance/Motor(s)	51
Motoring/Motorways/Cars/B	
uses/Roads	15
Nanotechnology	*
Oil/Nuts &	
bolts/Parts/Metals/Cables	4
Plumber/Welder/Labourer/Joi	т
ner/Mechanics/Hard hats	6
Pollution	1
Science	2



Ships/Trains/Railways/Transp	
ort/Vehicles	13
Space/Rockets/Astronomy	1
Other (PLEASE WRITE IN)	11
Nothing	4
Don't know	3



## Q When I say...'scientist'...what comes to mind? DO NOT PROMPT. PROBE FULLY. MULTICODE OK.

Base: Adults aged 16+ (Version 1)	(899) %
Academic/Professor/Teacher/	
Research/Researchers	27
Beards	1
Biologists/Chemists/Physician	11
s	
Boffins/Nerds/Eccentric/Craz	
y/ Boring/Mad/Mad	
professor/Mysterious	11
Darwin/Einstein/Newton/Ste	
phen Hawking	7
Doctors/Surgeons	7
Don't like/Not my type of	*
person	
Experiments/Laboratories/	
Microscopes/ Test tubes	16
Experts/Skilled	-
people/Educated/Highly	
educated/Brainy/Clever/	
Intelligent/Smart	22
Glasses	1
Hardworking/Committed/	4
Persistence/Long	
hours/Dedicated	
Innovative/Innovators/Invent	
ors/Pioneers/Visionaries/Solu	
tion finders	15
Men	3
My Dad/My father	1
My family	2
My Mum/My mother	*
Old	*
Unemotional/Logical/Cool/Le	
vel headed	2
Well paid/Good career	1
prospects	1
White	1
White coats	16
Historical figure (any)	2
Rockets/Space	1
Other (PLEASE WRITE IN)	9
Nothing	5
Don't know	4

MORI

## Q When I say... 'engineer' ...what comes to mind? DO NOT PROMPT. PROBE FULLY. MULTICODE OK.

Base: Adults aged 16+ (Version 2)	(932) %
Blue collar workers/Dirty/Factories/Overalls	
/Grease monkeys	15
Beards	*
Boffins/Nerds/Eccentric/Crazy/	
Boring/Mad/Mad	
professor/Mysterious	3
Brunel/Stephenson	3
Cars/Railways	8
Chemical/Electrical/Mechanical	8
Computer	3
Don't like/Not my type of person	*
Experts/Skilled	
people/Educated/Highly	
educated/Brainy/Clever/	
Intelligent/Smart	24
Fitter/Mechanics/Builders/Car	
mechanic/Civil	
engineers/Machine operator/Gas	
fitter/Ship builder/Sheet metal	
worker/Technicians	45
German	*
Glasses	*
Hardworking/Committed/	
Persistence/Long	
hours/Dedicated	5
Innovative/Innovators/Inventors	
/Pioneers/Visionaries/Solution	
finders	7
Men	8
My Dad/My father	3
My family	6
My Mum/My mother	*
Old	-
Unemotional/Logical/Cool/Level	
headed	*
Well paid/Good career prospects	1
White	*
White coats	1
Other (PLEASE WRITE IN)	6
Nothing	5
Don't know	4

And now I'd like to focus more on science ...

Q SHOWCARD A (R) How well informed do you feel, if at all, about science and scientific research/developments? Just read out the letter that applies. SINGLE CODE ONLY

		%
А	Very well informed	5
В	Fairly well informed	34
С	Not very well informed	42
D	Not at all informed	17
	Not stated	*
	Don't know	*

#### OST/WELLCOME TRUST TREND QUESTION (2002)<sup>1</sup>

Q SHOWCARD B (R) Which of the following statements on this card do you most agree with? Just read out the letter that applies. SINGLE CODE

	5 1	OST/Wellcom e Trust 2000	MORI/OST 2004	Change	
	Base: Adults aged 16+	(1,839) %	(1,831) %	( <u>+</u> )	
А	These days I see and hear far too much information		/0		
	about science	3	2	-1	
В	These days I see and hear				
	too much information about science	11	5	-6	
С	These days I see and hear				
C	about the right amount of				
	information about science	55	40	-15	
D	These days I see and hear				
	too little information about	20	37	+17	
	science				
Е	These days I see and hear				
	far too little information about				
	science	4	12	+8	
	None of these	-	2	+2	
	Don't know	7	2	-5	



<sup>&</sup>lt;sup>1</sup> 'None of these' has been added.

#### Q When I say "public consultation on science" what, if anything, springs to mind? DO NOT PROMPT. MULTICODE OK

	%
Embryo gender	
selection/Consultation by Human	
Fertilisation and Embryology	
Authority	3
GM Nation debate	3
GM/GM food/Genetic engineering	5
It's a bad idea	*
It's a good idea	5
It's a waste of time/There is no	1
point	
Nanotechnology/Study by The	
Royal Society/Royal Academy of	
Engineering	1
Public health	
consultation/Department of Health	8
There is too much	1
There's not enough/There should	
be more	8
Animals	*
Environment	1
Consultation	4
Informing the public	4
Public opinion	2
Government	2
Media/TV	2
Research	2
Other (PLEASE WRITE IN)	12
Nothing	34
Never heard of it	8
Not stated	1
Don't know	9

Q SHOWCARD C (R) How much, if anything, do you feel you know about public consultation on science? SINGLE CODE ONLY

	%
A great deal	1
A fair amount	8
Not very much	44
Nothing at all	44
A great deal/A fair amount	9
Not very much/Nothing at all	88
Not stated	1
Don't know	2



## IF YOUR HAVE AN <u>ODD</u> SAMPLE POINT NUMBER, PLEASE ASK <u>VERSION 1</u> AT Qa AND Qb

IF YOUR HAVE AN <u>EVEN</u> SAMPLE POINT NUMBER, PLEASE ASK <u>VERSION 2</u> AT Qa AND Qb

Version 1

MORI/OST 1999 TREND QUESTION

- Qa SHOWCARD D VERSION 1 (R) On this card is a list of various scientific developments. Which two or three would you say have been <u>beneficial</u> for society as far as you are aware? JUST READ OUT THE LETTER OR LETTERS. ROTATE ORDER. MULTICODE OK.
- Qb SHOWCARD D VERSION 1 (R) AGAIN And which two or three would you say have <u>not</u> been beneficial for society, as far as you are aware? JUST READ OUT THE LETTER OR LETTERS. MULTICODE OK.

		<b>Qa BENE</b> MORI/OST (1998/99)	FICIAL 2004	CHANGE
	Base: Adults aged 16+	(1,109)	(899)	( <u>+</u> )
А	Cloning/Dolly the sheep	% 2	% 2	
B	Computers/The Internet/Email	28	41	+13
C	Cures for or eradication of	20	11	
9	illnesses/diseases	43	41	-2
D	Genetic modication/engineering of animals and plants	1	1	
Е	Genetically modified food	1	4	+3
F	Genetic testing or screening for			-
	particular things, eg diseases	24	14	-10
G	Discovering global warming/Climate Change/ Disruption to weather			-
	patterns/Greenhouse Effect	19	17	-2
Н	Faster/cheaper travel	6	5	-1
Ι	Medicines/New drugs/Penicillin/			_
	Antibiotics/Vaccines etc	57	53	-4
J	New and alternative sources of energy	17	16	-1
Κ	New operations/Surgery	31	24	_7
L	New telecommunications (fax			
	machine/mobile phone/TV)	14	13	-1
Μ	Robots in industry and medicine	3	3	-
Ν	Space Research/Sending people to		_	_
~	the moon	2	5	+3
0	Splitting the atom	4	5	+1
Р	Test-tube babies/In-vitro fertilisation	11	8	-3
Q	Transplants eg of heart, liver, kidneys	51	41	
	etc			-10
	Other (PLEASE WRITE)	*	*	-
	[NOT ON SHOWCARD]	*	*	_
	No, none spring to mind	*	*	
	Don't know	<u>^</u>	<u>^</u>	-



	Base: Adults aged 16+	<b>Qb NOT BE</b> MORI/OST (1998/99)	CNEFICIAL 2004	CHANGE
	Base: Adults aged 16+	(1,109)	(899)	$(\underline{+})$
	0	%	%	
А	Cloning/Dolly the sheep	57	53	-4
В	Computers/The Internet/Email	4	3	-1
С	Cures for or eradication of illnesses/diseases	1	1	_
D	Genetic modication/engineering of animals and plants	28	18	-10
Е	Genetically modified food	45	36	-9
F	Genetic testing or screening for particular things, eg diseases	2	1	-1
G	Discovering global warming/Climate Change/ Disruption to weather patterns/Greenhouse Effect	6	5	-1
Н	Faster/cheaper travel	16	12	1 -4
П I	Medicines/New drugs/Penicillin/	10	12	-4
1	Antibiotics/Vaccines etc	1	1	-
J	New and alternative sources of energy	4	3	-1
K	New operations/Surgery	*	1	+1
L	New telecommunications (fax machine/mobile phone/TV)	5	4	-1
Μ	Robots in industry and medicine	18	12	-6
Ν	Space Research/Sending people to the moon	25	22	-3
Ο	Splitting the atom	20	17	-3
Р	Test-tube babies/In-vitro fertilisation	9	11	+2
Q	Transplants eg of heart, liver, kidneys etc	1	1	-
	Other (PLEASE WRITE IN) [NOT ON SHOWCARD]	*	*	-
	No, none spring to mind	5	10	+5
	i vo, none spring to mine	5	10	15

#### Version 2

- Qa SHOWCARD D VERSION 2 (R) On this card is a list of various scientific developments. Which two or three would you say have been <u>beneficial</u> for society as far as you are aware? JUST READ OUT THE LETTER OR LETTERS. ROTATE ORDER. MULTICODE OK.
- Qb SHOWCARD D VERSION 2 (R) AGAIN And which two or three would you say have <u>not</u> been beneficial for society, as far as you are aware? JUST READ OUT THE LETTER OR LETTERS. MULTICODE OK.

		Qa BENEFICIAL	Qb NOT	Net beneficial
	Base: Adults aged 16+ (Version 2)	(932)	BENEFICIAL (932)	( <u>+</u> )
		%	%	
А	Cloning/Dolly the sheep	3	45	-42
В	Computers/The Internet/Email	40	3	+37
С	Cures for or eradication of			
	illnesses/diseases	40	*	+39
D	Genetic modication/engineering of			
	animals and plants	3	12	-9
Е	Genetically modified food	3	32	-29
F	Genetic testing or screening for			
	particular things, eg diseases	17	2	+15
G	Discovering global			
	warming/Climate Change/			
	Disruption to weather	17	3	+14
	patterns/Greenhouse Effect			
Η	Faster/Cheaper travel	10	9	_*
Ι	Medicines/New drugs/Penicillin/			
	Antibiotics/Vaccines etc	46	*	+46
J	New and alternative sources of	16	1	+14
	energy			
Κ	New operations/Surgery	24	*	+24
L	New telecommunications (fax			
	machine/mobile phone/TV)	14	5	+9
Μ	Robots in industry and medicine	5	11	-6
Ν	Space Research/Sending people to			
	the moon	3	15	-12
Ο	Splitting the atom	5	10	-5
Р	Test-tube babies/In-vitro	8	6	+2
	fertilisation			
Q	Transplants eg of heart, liver,			
-	kidneys etc	37	*	+37
R	Brain science/Neuroscience	5	*	+5
S	'Designer babies'	2	27	-25
Т	Energy/Electricity	11	*	+11
U	Mobile 'phones	7	8	_*
V	Nanotechnology/Miniaturisation	1	2	_*

W	New vaccinations for children (MMR vaccination/Five-in-one	13	1	+12
	vaccination)			
Х	Nuclear power	4	6	-2
Y	Radioactive waste	1	22	-21
Z	The use of animals in medical			
	research	5	12	-6
	Other (PLEASE WRITE IN)	*	*	*
	[NOT ON SHOWCARD]			
	No, none spring to mind	1	4	-4
	Don't know	1	1	-1



Q.- Q. SHOWCARD E (R) From what you know or have heard about... READ OUT Q – Q AND ROTATE ORDER ... on balance, which of these statements, if any, most closely reflects your own opinion? Please just read out the letter that applies. SINGLE CODE FOR EACH. ROTATE ORDER  $\checkmark$  TICK START

	SINCLE CODE IN	А	В	С	D	Ε		
		Benefits far outweig h risks %	Benefits slightly outweig h risks %	Abou t the same %	Risks slightly outweig h benefits %	Risks far outweig h benefits %	Non e of these %	Don't know %
Q.	Climate change		70	/0	70	70	70	70
	UEA/MORI 2002	5	9	22	21	32	1	10
	MORI/OST 2004	4	10	21	21	29	3	11
	Change	-1	+1	-1	-	-3	-2	+1
Q.	Genetically mod UEA/MORI 2002	dified food 5	<b>1</b> 11	29	18	21	2	14
	UEA/MORI 2003	6	14	23	19	23	3	12
	MORI/OST 2004	4	12	15	24	33	*	10
				4.4		140	2	4
Q.	Change Genetic testing			-14 er wheth	+6 er people	+12 have a ran	-2	-4
Q.	Genetic testing inherited diseases UEA/MORI 2002	(i.e. tests or disord 15	to discove ers) 23	er wheth 29	<b>er people</b> 15	<b>have a rar</b> 12	nge of 1	6
Q.	Genetic testing inherited diseases UEA/MORI 2002 MORI/OST 2004	(i.e. tests or disord 15 30	to discove ers) 23 38	er wheth 29 11	<b>er people</b> 15 8	<b>have a ran</b> 12 6	nge of 1	6
Q. Q.	Genetic testing inherited diseases UEA/MORI 2002	(i.e. tests or disord 15 30 +15	to discove ers) 23	er wheth 29	<b>er people</b> 15	<b>have a rar</b> 12	nge of 1	6
-	Genetic testing inherited diseases UEA/MORI 2002 MORI/OST 2004 Change Radioactive was UEA/MORI	(i.e. tests or disord 15 <u>30</u> +15 ste	to discove ers) 23 <u>38</u> +15	29 11 -18	<b>er people</b> 15 <u>8</u> -7	have a ran 12 <u>6</u> -6	nge of 1 1 -	6 5 -1
-	Genetic testing inherited diseases UEA/MORI 2002 MORI/OST 2004 Change Radioactive was UEA/MORI 2002	(i.e. tests or disord 15 30 +15 ste 7	to discove ers) 23 38 +15 13	er wheth 29 <u>11</u> -18 21	er people 15 <u>8</u> -7 23	have a ran 12 <u>6</u> -6 30	nge of 1 1 - 2	6 5 -1 4
-	Genetic testing inherited diseases UEA/MORI 2002 MORI/OST 2004 Change Radioactive was UEA/MORI 2002 MORI/OST 2004	(i.e. tests or disord 15 30 +15 ste 7 4 -3	to discove ers) 23 38 +15 13 8 -5	er wheth 29 <u>11</u> -18 21 <u>9</u> -12	er people 15 8 -7 23 17	have a ran 12 <u>6</u> -6 30 55	nge of 1 - 2 1	6 5 -1 4 5
Q.	Genetic testing inherited diseases UEA/MORI 2002 MORI/OST 2004 Change Radioactive was UEA/MORI 2002 MORI/OST 2004 Change Radiation from UEA/MORI	(i.e. tests or disord 15 30 +15 ste 7 4 -3 mobile ph	to discove ers) 23 38 +15 13 8 -5 none hand	er wheth 29 <u>11</u> -18 21 <u>9</u> -12 sets	er people 15 8 -7 23 17 -6	have a ran $12$ $6$ -6 $30$ $55$ +25	nge of 1 - 2 1 -1	6 5 -1 4 5 -1
Q.	Genetic testing inherited diseases UEA/MORI 2002 MORI/OST 2004 Change Radioactive was UEA/MORI 2002 MORI/OST 2004 Change Radiation from UEA/MORI 2002	(i.e. tests or disord 15 30 +15 ste 7 4 -3 mobile ph 19	to discove ers) 23 38 +15 13 8 -5 hone hand 23	er wheth 29 <u>11</u> -18 21 <u>9</u> -12 <b>sets</b> 35	er people 15 8 -7 23 17 -6 8	have a ran 12 6 -6 30 55 +25 9	nge of 1 - 2 1 -1 1	6 5 -1 4 5 -1 6
Q. Q.	Genetic testing         inherited diseases         UEA/MORI         2002         MORI/OST 2004         Change        Radioactive was         UEA/MORI         2002         MORI/OST 2004         Change        Radioactive mass         UEA/MORI         2002         MORI/OST 2004         Change        Radiation from         UEA/MORI         2002         MORI/OST 2004	(i.e. tests or disord 15 30 +15 ste 7 4 -3 mobile pt 19 7	to discove ers) 23 38 +15 13 13 8 -5 none hand 23 17	er wheth 29 <u>11</u> -18 21 <u>9</u> -12 sets 35 19	er people 15 8 -7 23 17 -6 8 26	have a ran $     12     6     -6     30     55     +25     9     17     17     1 $	nge of 1 1 - 2 1 -1 1 1	6 5 -1 4 5 -1 6 11

## IF YOUR HAVE AN ODD SAMPLE POINT NUMBER, PLEASE ASK QA (Version 1) IF YOUR HAVE AN EVEN SAMPLE POINT NUMBER, PLEASE ASK QB (Version 2)

- Q. SHOWCARD F (R) How strongly do you agree or disagree with the following statement? SINGLE CODE ONLY
  - A ... Overall, the benefits of science outweigh the risks (Version 1)
  - B ...Overall, the risks of science outweigh the benefits (Version 2)

	Version 1 Benefits outweigh risks	Version 2 <b>Risks</b> outweigh benefits
	(899)	(932)
	%	%
Strongly agree	24	4
Tend to agree	48	22
Neither agree nor disagree	18	26
Tend to disagree	7	31
Strongly disagree	2	13
Agree	71	26
Disagree	9	44
Don't know	2	4

#### Q - SHOWCARD G (R) On the whole, how would you describe your feelings about

Q. the following issues... READ OUT. ALTERNATE ORDER AND TICK START.

SINGLE CODE ONLY FOR EACH

		Very good	Fairly good	Neithe 1 good	Fairly bad	Very bad	No opinio	Not stated
		thing	thing	nor	thing	thing	n	
				bad thing				
		%	%	%	%	%	%	%
Q.	Climate change							
	UEA/MORI 2002	2	10	26	38	21	4	-
	MORI/OST 2004	2	8	23	33	29	5	1
	Change	-	-2	-3	-5	+8	+1	+1
Q.	Genetically modified food							
	UEA/MORI 2002	2	13	35	25	19	5	-

#### LA/MOK MORI/OST 2004 2 13 23 32 25 5 1 -12 +7+1Change +6\_ -\_

## Q. ...Genetic testing (i.e. tests to discover whether people have a range of inherited diseases or disorders)

UEA/MORI 2002	19	37	23	11	6	4	-
MORI/OST 2004	25	44	15	7	5	2	1
Change	+6	+7	-8	-4	-1	-2	+1

#### Q. ...Radioactive waste

UEA/MORI 2002	2	4	13	29	46	5	-
MORI/OST 2004	1	4	8	23	60	3	1
Change	-1	-	-5	-6	+14	-2	+1

#### Q. ...Radiation from mobile phone handsets

UEA/MORI 2002	1	4	26	38	24	7	-
MORI/OST 2004	1	3	30	40	18	8	1
Change	-	-1	+4	+2	-6	-1	+1

#### NEW QUESTIONS

	0 110 110 100							
Q.	Cloning	2	8	19	25	40	5	1
Q.	Radiation from mobile							
	phone base stations/masts	1	3	23	39	26	7	1
Q.	Foot and Mouth Disease	*	1	5	22	68	2	1
Q.	Nanotechnology/							
	miniaturisation	10	21	27	7	7	28	1
Q.	The							
	internet/computers/	44	37	10	3	2	3	1
	information technology							
Q.	The use of animals in							
	medical research	5	21	26	23	23	2	1
Q.	Neuroscience/Brain							
	science	33	43	13	3	1	7	*
Q.	Energy/Electricity	53	37	7	1	*	1	1

## SIMILAR TO OST/WELLCOME TRUST (2000) BUT LONGER LIST IN 2004 DUE TO NEW CATEGORIES

- Q. SHOWCARD H (R) In which, if any, of these ways do you currently get any information about science? Please read out the letter or letters that apply. MULTICODE OK
- Q. SHOWCARD H (R) AGAIN And which, if any, of these ways would you like to receive information about science in the future? Please include, if appropriate, any which you may have mentioned a moment ago. Please read out the letter or letters that apply. MULTICODE OK

	MULTICODE OK	0	0	
		Q	Q	
		Current	Future	
		%	%	
А	Audio tapes	1	1	_
В	Billboards/Hoardings	4	3	_
С	Information in Braille for blind people	1	*	_
D	Children	10	5	_
Е	Citizens' juries	1	*	
F	Focus groups	2	2	
G	Friends and Relations/Husband/Wife/Partner	18	10	_
Н	Information in languages apart from English	1	*	_
Ι	Interactive television	9	7	_
J	Internet sites/Websites	30	24	-
5				—
Κ	Internet discussion groups/Internet chat rooms	4	3	_
L	Leaflets	12	12	_
Μ	Magazines	33	23	
Ν	Membership of a campaign group/local group	3	2	
Ο	Newspapers – local	16	11	_
Р	Newspapers – national	53	37	-
Q	Products – e.g. food	5	4	_
R	Radio – local	12	9	-
S	Radio – national	30	23	_
Т	Science centres / Science museums	13	9	—
U	Science festivals	3	4	—
	Science talks / Public meetings / Meet-the-			-
V	scientist events	5	7	
W	Telephone information line	1	1	-
Х	Teletext	5	4	_
Υ	Television news	63	47	-
Ζ	Television programmes, e.g. documentaries	67	55	-
AA	Videos	5	3	_
BB	Work / Work colleagues	13	6	_
CC	Information from government	11	12	-
DD	Noticeboards	4	3	_
EE	Nowhere	3	4	_
	School/college	1	*	-
	Not interested in science	_	*	-
	Other (PLEASE WRITE IN)	2	2	NOT ON SHOWCARD
	Don't know	1	5	
		Ĩ	5	

MORI

Q. SHOWCARD I (R) Which, if any, of the following have you heard of? Just read out the letter or letters that apply. MULTICODE OK

	11 5		
		%	
А	The BA Festival of Science	8	
	The Cheltenham Science		
В	Festival	10	
С	The Edinburgh Festival	72	_
	The Edinburgh International		
D	Festival of Science	11	_
Е	National Science Week	55	_
F	Oxfordshire Science Festival	5	
G	The Wrexham Science Festival	3	_
Н	The Royal Society's Summer		
	Science Exhibition	12	_
	Other (PLEASE WRITE IN)	*	NOT ON SHOWCARD
	None of these	12	_
	Don't know	*	•



SIMILAR TO OST/WELLCOME TRUST (2000) BUT LONGER LIST IN 2004 DUE TO NEW CATEGORIES AND ALTERING OF CODES 10 - 13

#### ASK ALL

- Q. SHOWCARD J (R) Which, if any, of the things on this card have you visited or done in the last 12 months? Just read out the letter or letters that apply. MULTICODE OK
- ASK Q OF ALL THOSE VISITING/DONE ACTIVITY AT Q
- Q. How many times have you visited... in the last 12 months? WRITE IN USING LEADING ZEROS

ASK ALL

Q. SHOWCARD J (R) AGAIN Of those that you have not visited or been to in the last 12 months, which if any would you be interested in attending/visiting?

Q

Q

Q

		Q	WRITE IN NUMBE R	Q
		%	Average	%
А	Visited a museum or science centre	34	1.03	12
В	Visited a science festival	2	0.02	8
С	Visited a laboratory	8	1.86	8
D	Attended a public meeting on a science-related topic	4	0.11	3
Е	Participated in a science-related			
	activity at a school/community centre	7	1.11	3
F -	Visited an art gallery	28	0.84	8
G	Visited an art gallery Visited a zoo	30	0.84	0
H-	Visited a theme park	27	0.53	10
I -	Visited a theme park Visited a planetarium	6	0.08	20
J -	Been to a lecture/talk on a science-	0	0.00	20
J	related subject	8	0.93	5
Κ	Been to a lecture/talk on a non			
_	science-related subject	14	1.5	2
L	Been to a meeting or debate on a			
_	science-related subject	5	0.42	4
Μ	Been to a meeting or debate on a	10	1.0	2
NT.	non-science related subject	12	1.2	2
Ν	Been to a visitor centre (i.e. at a tourist spot)	35	1.54	5
0	Been to the cinema	53	3.84	9
р-	Visited a historic house or gardens	39	1.25	11
Q	Been to a sporting event	32	3.2	8
$\frac{}{R}$	Been to a theatre	37	1.24	15
S -	Been to a concert or the opera	24	0.67	11
~ -	None of these	15		20
-	Don't know	*		5
				-

## ASK Q IF BEEN TO A SCIENCE-RELATED EVENT IN LAST 12 MONTHS AT Q (CODES 1 TO 5, 7, 9, 10, 12 – SHOWN IN LIGHT GRAY). OTHERS GO TO Q

SIMILAR TO OST/WELLCOME TRUST (2000) BUT LONGER LIST IN 2004 DUE TO NEW CATEGORIES

Q. Thinking about the last place or event you went to that was related to science, why did you go to it? DO NOT PROMPT. MULTICODE OK

science-related event in the last (958) 12 months % Discounts 1 For enjoyment/recreation/a day out 27 Interesting subject 19 Named speaker 1 On holiday 5 Personal interest 18 Recommendation/Someone recommended it 4 Taking children 27 Taking visitors 2 To meet others with a similar
Discounts1Discounts1For enjoyment/recreation/a day out27Interesting subject19Named speaker1On holiday5Personal interest18Recommendation/Someone recommended it4Taking children27Taking visitors2
For enjoyment/recreation/a day out27day out27Interesting subject19Named speaker1On holiday5Personal interest18Recommendation/Someone recommended it4Taking children27Taking visitors2
day out27Interesting subject19Named speaker1On holiday5Personal interest18Recommendation/Someone recommended it4Taking children27Taking visitors2
Interesting subject19Named speaker1On holiday5Personal interest18Recommendation/Someone recommended it4Taking children27Taking visitors2
Named speaker1On holiday5Personal interest18Recommendation/Someone recommended it4Taking children27Taking visitors2
On holiday5Personal interest18Recommendation/Someone recommended it4Taking children27Taking visitors2
Personal interest18Recommendation/Someone recommended it4Taking children27Taking visitors2
Recommendation/Someone recommended it4Taking children27Taking visitors2
recommended it4Taking children27Taking visitors2
Taking children27Taking visitors2
Taking visitors 2
To meet others with a similar
To meet others with a simular
interest 3
To put forward/discuss my
views on a science-related topic 2
Weather was bad *
Weather was good 1
Work-related 7
Education 5
Other (PLEASE WRITE IN) 7
None of these 1
Don't know 2

### Q. And how much, if at all, would you say you enjoyed it? Would you say...? READ OUT A-D. ALTERNATE ORDER. ✓ TICK START. SINGLE CODE ONLY

	Base: All who have been to a	
	science-related event in the last	(958)
	12 months	%
А	A great deal	45
В	A fair amount	36
С	Just a little	4
D	Not at all	1
	Don't know	2
	Not stated	11

\_\_\_

#### ASK ALL

Q. SHOWCARD K (R) Which, if any, of the following science centres or museums have you visited in the last five years or so? Just read out the letter or letters. MULTICODE OK

		Q.	Q. WRITE IN
		%	Average
А	At-Bristol	2	0.04
В	The Centre for Life (Newcastle)	3	0.05
С	CuriOXity (Oxford)	*	*
D	Eureka! (Halifax)	5	0.06
Е	Glasgow Science Centre	2	0.03
F	INSPIRE (Norwich)	1	0.01
G	INTECH (Winchester)	*	0.01
Н	Our Dynamic Earth (Edinburgh)	3	0.04
Ι	Kennedy Space Centre, Cape Canaveral (Florida, USA)	6	0.09
J	Magna (Rotherham)	2	0.03
Κ	Techniquest (Cardiff)	2	0.05
L	The Deep (Hull)	3	0.04
М	The Eden Project (Cornwall)	14	0.18
Ν	The Museum of Science and Industry in Manchester	4	0.08
Ο	The National Space Centre (Leicester)	2	0.03
р	The Natural History Museum (London)	23	0.4
Q	The Science Museum (London)	19	0.34
R	Think Tank (Birmingham)	2	0.03
S	The Millennium Dome, London	13	0.16

## Q. FOR EACH SCIENCE CENTRE VISITED How often have you visited... in the last five years or so? WRITE IN USING LEADING ZEROS

Т	W5 (Belfast)	1	0.02	
	Other (PLEASE WRITE IN)	2	NC	OT ON SHOWCARD
	None of these	47		
	Don't know	*		

#### ASK Q FOR EACH SCIENCE CENTRE VISITED AT Q

# Q. SHOWCARD L (R) How favourable or unfavourable would you say you found your last visit to...? READ OUT NAMES OF EACH SCIENCE CENTRE VISITED AT Q IN TURN. SINGLE CODE FOR EACH

		Very favoura ble	Mainly favoura ble	Neither favoura ble nor unfavo	Mainly unfavo urable	Very unfavo urable	Don't know / Not stated
	Base: All visiting	%	%	urable %	%	%	%
	each						10
At-Bristol	(37)	45	45	-	-	-	10
The Centre for Life	(40)	33	42	6	4	2	13
(Newcastle)							
CuriOXity (Oxford)	(6)	25	6	11	-	-	58
Eureka! (Halifax)	(70)	52	27	9	-	-	12
Glasgow Science Centre	(25)	60	32	1	1	-	6
INSPIRE (Norwich)	(10)	26	56	-	-	-	17
INTECH (Winchester)	(7)	38	16	44	-	-	3
Our Dynamic Earth	(39)	45	39	1	-	-	16
(Edinburgh)							
Kennedy Space Centre, Cape							
Canaveral (Florida, USA)	(88)	68	22	4	-	-	6
Magna (Rotherham)	(25)	43	28	8	-	-	20
Techniquest (Cardiff)	(43)	53	38	6	4	-	-
The Deep (Hull)	(49)	64	24	7	-	2	3
The Eden Project (Cornwall)	(198)	69	24	4	1	*	2
The Museum of Science and							
Industry in Manchester	(81)	47	47	-	1	-	5
The National Space Centre							
(Leicester)	(35)	46	34	11	5	-	4
The Natural History Museum	<i>(</i> )			_			
(London)	(376)	66	26	3	*	1	4
The Science Museum	(328)	59	34	2	1	*	4
(London)							
Think Tank (Birmingham)	(27)	41	41	-	1	-	17
The Millennium Dome,	(227)	35	31	10	9	7	8
London	(2.7)		. –				
W5 (Belfast)	(25)	55	17	21	-	-	7
Others mentioned above	(33)	60	25	2	-	-	14

#### ASK ALL

## Q. What, if anything, are the main advantages of visiting science centres or science museums? DO NOT PROMPT. MULTICODE OK

Encouraging children to take an interest in science and engineering23Enjoyment23Enjoyment23Keep children amused7Providing a forum for debate/discussion on science and engineering5Teaching adults32Teaching children30To see science in action18Preservation of heritage3Remind how people used to live6Learning/education/knowledg e/information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2Don't know7		%
engineering23Enjoyment23Keep children amused7Providing a forum for debate/discussion on science and engineering5Teaching adults32Teaching children30To see science in action18Preservation of heritage3Remind how people used to live6Learning/education/knowledg e/information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	Encouraging children to take	
Enjoyment23Keep children amused7Providing a forum for debate/discussion on science and engineering5Teaching adults32Teaching children30To see science in action18Preservation of heritage3Remind how people used to live6Learning/education/knowledg e/information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	an interest in science and	
Keep children amused7Providing a forum for debate/discussion on science and engineering5Teaching adults32Teaching children30To see science in action18Preservation of heritage3Remind how people used to live6Learning/education/knowledg e/information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	engineering	23
Providing a forum for debate/discussion on science and engineering5Teaching adults32Teaching adults32Teaching children30To see science in action18Preservation of heritage3Remind how people used to live6Learning/education/knowledg e/information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	Enjoyment	23
debate/discussion on science and engineering5Teaching adults32Teaching children30To see science in action18Preservation of heritage3Remind how people used to live6Learning/education/knowledg e/information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	Keep children amused	7
and engineering5Teaching adults32Teaching children30To see science in action18Preservation of heritage3Remind how people used to live6Learning/education/knowledg e/information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	Providing a forum for	
Teaching adults32Teaching children30To see science in action18Preservation of heritage3Remind how people used to live6Learning/education/knowledg e/information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	debate/discussion on science	
Teaching children30To see science in action18Preservation of heritage3Remind how people used to live6Learning/education/knowledg e/information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	and engineering	5
To see science in action18Preservation of heritage3Remind how people used to live6live19Learning/education/knowledg e/information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	Teaching adults	32
Preservation of heritage3Remind how people used to live6Learning/education/knowledg e/information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	Teaching children	30
Remind how people used to live6Learning/education/knowledg e/information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	To see science in action	18
liveLearning/education/knowledg e/information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	Preservation of heritage	3
Learning/education/knowledg e/information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	Remind how people used to	6
e/ information19Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	live	
Interesting/Personal interest3Other (PLEASE WRITE IN)4Nothing3Not stated2	Learning/education/knowledg	
Other (PLEASE WRITE IN)4Nothing3Not stated2	e/ information	19
Nothing3Not stated2	Interesting/Personal interest	3
Not stated 2	Other (PLEASE WRITE IN)	4
	Nothing	3
Don't know 7	Not stated	2
	Don't know	7

Q. What, if anything, are the main disadvantages of visiting science centres or science museums? DO NOT PROMPT. MULTICODE OK

%	
Cost	15
Distance/Too far away	18
Difficult to get to/Awkward to	
get to	9
Lack of opportunity to ask	
questions/debate interesting	
issues	2
Lack of opportunity to meet	
scientists/talk to scientists	1
Lack of information	3
Not interested/Not for me	8
Overly geared towards	
children/Do not cater for	2
adults	
Do not cater enough for	1
children	
Not interactive enough	3
Not enough fun	2
Crowds/Queues	3
Tiring to walk around/Mobility	
problems	1

Boring/Uninspiring	2
Difficult to understand/Too	
technical	3
Parking/Cost of parking	1
Concerning/scared to see	
scientific advances	1
Other (PLEASE WRITE IN)	6
Nothing	36
Don't know	9

Q. SHOWCARD M (R) Thinking now about scientists, which two or three of the following, if any, do you think is the most important in determining whether you trust scientists? Just read out the letter or letters. CODE UP TO THREE

		%
А	Being older	6
В	Being apolitical/Non political	17
С	Competence	45
D	Credentials	22
Е	Experience	52
F	Honesty	57
G	If they are from a Black or	
	Minority Ethnic Group	*
Н	If they are White	1
Ι	Independence	16
J	Being male	1
Κ	Being female	1
L	If they listen to my concerns	26
Μ	If they share my concerns	16
Ν	If they are smartly	
	dressed/Smart appearance	2
Ο	If they are wearing white	
	coats/white lab coats	3
	COMBINATIONS	
	Competence/Credentials/	
	Experience	77
	If they listen to my concerns/If	
	they share my concerns	34
	If they are smartly	
	dressed/Smart appearance/If	
	they are wearing lab	4
	coats/white lab coats	
	Nothing	1
	Don't know	2

Q. SHOWCARD N (R) Would you say you personally trust scientists more or less, or about the same as you did five years ago? IF MORE OR LESS Is that a little more/a little less or much more/much less? SINGLE CODE ONLY %

	%0
Trust them much more	3
Trust them a little more	12
About the same	70
Trust them a little less	11
Trust them much less	3
Trust them more	14
Trust them less	13
Don't know	2



Q. SHOWCARD O (R) Which, if any, of the following, do you value as a source of information, support or advice about science? Just read out the letter or letters. MULTICODE OK

		%
А	Companies/Industry/Business	6
В	Environmental campaigning	
	groups (e.g. Greenpeace)	18
С	Friends and family	16
D	Government	11
Е	GP/Family Doctors	31
F	Health campaigning groups	
	(e.g. Alzheimer's Society)	20
G	Internet/Worldwide web	21
Н	Magazines	18
Ι	Medical charities	13
J	Newspapers	25
Κ	Personal experience	14
L	Radio	17
Μ	Religious organisations	3
Ν	Scientists working for charities	
	(e.g. Cancer Research UK)	28
Ο	Scientists working for	
	government	9
Р	Scientists working for industry	9
Q	Scientists working in	27
	universities	
R	TV	42
S	Universities	18
Т	Word-of-mouth	8
U	Work colleagues	7
	COMBINATIONS	
	The media	57
	Scientists working for	
	Government, industry or	47
	charities/Scientists working in	47
	universities	
	Friends and family/Word-of-	25
	mouth/Work colleagues	25
	None of these	2
	Don't know	3

#### OST/WELLCOME TRUST TREND QUESTION (2000)

- Q. SHOWCARD P (R) Looking at this list of sources of information, which, if any, would you generally trust to provide accurate information about scientific facts? Just read out the letter or letters. MULTICODE OK
- Q. SHOWCARD P (R) AGAIN Which one of these would you trust the most? SINGLE CODE
- Q. SHOWCARD P (R) AGAIN And which one would you trust the least? SINGLE CODE

		Q.	Q.	Q.
٨		%	%	%
А	People working for broadsheet	11	1	5
Ð	newspapers	11	1	5
В	People working for tabloid		.1.	2.4
0	new spapers	2	*	34
С	People working for the popular			
	scientific press, e.g. New	22	~	1
D	Scientist	23	5	1
D	Government scientists	14	3	13
Е	Scientists working for industry	13	2	5
F	Scientists working in	43	17	*
C	universities			
G	Scientists working for charities	4.1	1 /	*
TT	(e.g. Cancer Research UK)	41	14	<u></u> т
Н	Health campaigning groups	29	5	*
Ι	(e.g. Alzheimer's Society)	29	5	
1	Environmental campaigning	20	4	1
т	groups (e.g. Greenpeace)	20 9	4	1 4
J K	Government advisory bodies Government	2	*	18
K	ministers/politicians	Δ		10
L	TV documentaries	45	10	2
M	TV news and current affairs	43	10	2
IVI	programmes	30	6	2
Ν	Science books	30	8	*
O	Well-known scientists	30	12	*
P	Investigative journalists	15	4	5
1		1.5	т	5
	COMBINATIONS			
	Scientists working for			
	Government, industry or			
	charities/Scientists working in			
	universities	69	35	19
	TV documentaries/news and			
	current affairs programmes	55	15	4
	Health/environmental			
	campaigning groups	38	9	1
	10001			

				_
People working for				
broadsheet/tabloid				
new spapers/Investigative				
journalists	24	5	42	
Government				-
scientists/Government				
advisory bodies/Government				
Ministers/politicians	19	4	34	
· 1				
Other (WRITE IN)	*	*	*	NOT ON
· · · · · · · · · · · · · · · · · · ·				SHOWCARD
None	3	4	2	-
Don't know	3	4	8	

## IF 'SCIENTIST'S WORKING IN UNIVERSITIES' (CODE 6) IS SELECTED AT Q, ASK Q-Q. OTHERS GO TO Q

Q.- Q. SHOWCARD Q (R) Using this card, how much more or less do you trust scientists working in universities if they are funded by... READ OUT Q.-Q. ROTATE ORDER... or does it make no difference? SINGLE CODE FOR EACH ✓ TICK START

working in uni	e who trust scientists versities to provide mation about scientific	Trust them much more	Trust them a little more	It makes no differe nce	Trust them a little less	Trust them much less	Don't know	Not stated
		%	%	%	%	%	%	%
Q.	government	3	12	39	32	10	2	2
Q.	industry	1	14	33	35	13	3	2
Q	medical charities	15	36	38	6	1	2	2
Q. <b>–</b>	environmental	7	26	42	16	4	3	2
	groups							
Q.	campaign groups	3	16	37	31	8	3	2

Q. SHOWCARD R (R) AGAIN How much, if anything, would you say you know about the way science is regulated? SINGLE CODE ONLY

	%
A great deal	1
A fair amount	11
Not very much	54
Not at all	30
Don't know	3

Q. SHOWCARD S (R) Which, if any, of the following scientists are regulated...? Just read out the letter or letters. MULTICODE OK

Scientists working for....

		%
А	companies	35
В	universities	43
С	government	44
D	the NHS	56
Е	medical charities	38
F	environmental groups	21
G	campaign groups	17
	None of these	2
	Don't know	31

ASK Q IF ANY SCIENTISTS ARE REGULATED (CODES 1 TO 7 AT Q). OTHERS GO TO Q

Q. Who, if anyone, do you think regulates scientists? DO NOT PROMPT.

MUL'I	ICODE	OK
	Dagar	A 11 + la a

(1,188) %	Base: All those thinking that scientists are regulated
	Campaign groups/The
3	campaign group the scientist
	works for
	Charities/The charity the
2	scientist works for
	Companies/The company the
8	scientist works for
	Environmental groups/The
	environmental group the
2	scientist works for
	Science Council/Research
8	Council
1	Shareholders
3	The EU
	The Government/Government
66	quango/department/agency
5	The NHS
6	The scientists themselves

The scientists' line	
manager/boss	2
The United Nations	2
Universities/The university the	
scientist works for	4
It varies	*
The Royal Society	4
Other (PLEASE WRITE IN)	3
Don't know	20

ASK Q IF ANY SCIENTISTS ARE REGULATED (CODES 1 TO 7 AT Q). OTHERS GO TO Q

Q. SHOWCARD T (R) How much confidence, if any, do you have in the way science is regulated? Would you say... READ OUT A-D. ALTERNATE ORDER. ✓ TICK START SINGLE CODE ONLY Base: All those thinking that

	Base: All those thinking that scientists are regulated	(1,188)
А	A great deal	%
11	8	
В	A fair amount	48
С	Not very much	31
D	None at all	4
	Don't know	13
	A B C D	scientists are regulatedAA great dealBA fair amountCNot very muchDNone at all

#### Q. Why do you say that? PROBE IN FULL AND WRITE IN

Those who have:	<b>'A great</b> <b>deal'</b> of confidence	<b>'A fair</b> <b>amount'</b> of confidence	'Not very much' confidence	'None at all'
	(46)	(561)	(362)	(53)
I have trust/trust the regulators	30	21	-	2
There must be regulation/Can't not				
have regulation	26	16	1	-
We have to trust the scientists	11	8	*	-
That's my opinion/what I believe	8	5	3	7
They (the scientists) have strict				
guidelines	8	5	*	-
Scientists are self regulating/regulate	5	3	1	-
self				
From what I see on TV/News				
programmes	4	8	2	-
If not regulated there would be more				
catastrophes than there are now	1	9	1	-
Scientists have to be accountable	-	2	-	-
Not always told full story/whole truth	-	4	21	14
I do not know enough about the	-	-	17	-
subject				
Scientists are not always accountable	-	2	14	-
Catastrophies have happened/Look	-	2	12	11
at				

Motivated by benefits to suit				
selves/regulate to suit themselves	-	*	7	3
It's motivated by money/profits	-	1	7	4
Do not trust who regulates them		1	6	15
It's motivated by politics	_	1	4	_
From what I read in				
new spapers/magazines	1	5	3	-
No one overall regulator/Too many				
regulators	-	1	2	3
Not always told the truth/Tell lies	1	*	2	10
Keep changing/changing minds/no				
consistency	-	1	3	2
There have been benefits of				
science/Scientists have done good	-	1	-	-
things				
From personal experiences	-	1	-	-
Scientists can never agree among				
themselves	-	*	-	2
I do not know enough about the	-	4	17	30
subject				
Don't know/Not stated	9	7	6	10



#### ASK ALL

Q. If scientists have to communicate their research and its social and ethical implications, who do you think would be the most important groups to communicate with? DO NOT PROMPT. MULTICODE OK

%		
Academics	5	
Charities	4	
End users/those who will put		
the research into practice (i.e.		
engineers)	9	
Environmentalists/Environme		
ntal groups	6	
Financiers/Funding bodies	1	
General public/The		
public/Everyone/Taxpayers	32	
Government/politicians/policy		
makers	21	
Industry	2	
The Media/The Press/TV	9	
Medical field/Doctors/NHS	13	
Other people in the same field		
e.g. Engineers, Technicians	6	
People who will be directly		
affected (e.g patients, horse		
owners)	11	
People with religious/ethical		
connections	3	
Professional	0	
bodies/organisations	8	
Specialist Journals/Scientific	4	
Journals	4	
Students/Graduates/	2	
Schoolchildren	3	
Teachers/Schools/People in	4	
education	4	
The scientific community	8	
Their peers/colleagues/fellow	7	
scientists/researchers	7 2	
Campaign groups		
Other (PLEASE WRITE IN)	9	
None/No answer	2	
Don't know/Not stated	16	



#### ALTERNATE ORDER OF ASKING Q AND Q

Q. What, if any, would you say are the main BARRIERS to greater public involvement in decision-making and discussions about science? DO NOT PROMPT. MULTICODE OK

	%
Campaigns by activist groups	2
Commercial or other barriers	
to publishing information	3
Government policy	7
I don't have the time/Lack of	4
time	
Insufficient media coverage	3
Lack of awareness among	
scientists of the public's	
understanding of science	10
Lack of communication skills	
among scientists	6
Lack of education	10
Lack of funding	4
Lack of knowledge about the	
facts of science/Lack of	
information	27
Lack of political will	3
Lack of public	
interest/Apathy/Indifference/	
Lack of willingness	17
Lack of public	
understanding/appreciation	18
Little public understanding of	
what scientists do/ Lack of	
understanding of scientific	4.2
processes	13
Media coverage (unspecified)	3
Negative media coverage	2
Mistrust of scientists/The	
public perception of scientists	4
Scientific jargon/Technical	4
language/The terminology	4
The image of science – boring,	2
uninteresting	3
The way science is taught at	1
school	1
Level of public concern/Public	2
being scared Other (PLEASE WRITE IN)	3
	12
Nothing Don't know	<u> </u>
Don't Know	17

# Q. And what, if any, would you say are the main BENEFITS from greater public involvement in decision-making and discussions about science? DO NOT PROMPT. MULTICODE OK

	%
Ability to contribute to	
decision making/more	11
informed opinions	
Acceptance of change/ New	
ideas	6
Appreciation of where taxes	3
go/Justify research funding	
Better decision-making	6
Better	
knowledge/understanding of	21
science is a benefit in itself	
Better media coverage	3
Could give	
considered/informed opinions	7
on social/ethical issues	
Enables the public to judge	
science issues for themselves	17
Enables the public to make	
informed decisions about their	
lives	15
Enhances/Promotes science/	
More interest shown in science	3
Feeling of fulfilment/job	
satisfaction for scientists	1
Greater accountability of	
scientists	5
Greater appreciation of the	
environment/ the world	
around us	8
Greater progress/Speedier	
progress	2
Greater support for our	
work/Will partake in	1
tests/trials	
Greater understanding of what	
scientists do	13
Help with schools/ Improved	
education spend	2
Improve the quality of their life	3
Improved choice	3
Improved democracy	1
Improved public trust in	
policy-makers and decision-	4
makers	
Improvements in	
p=0 + 000 III	

society/general well-being of	2
country/economy	
Industrial benefits	1
Keeping up with	
technology/Knowing where	
things are going	7
Less manipulation by	
media/government/	
independence of thinking	3
Less opposition to scientific	
research	2
Makes decision-makers more	
accountable	2
Medical benefits	4
More balanced debate	2
More career	
opportunities/More jobs for	1
scientists	
More funding for science	2
More people entering science	
education/science careers	3
More tolerance of scientists	1
Overcoming ignorance/	
education of public	10
Peace of mind/Lessen fear	3
Policy-makers and decision-	
makers are better equipped	1
Reduce	
negativity/prejudice/change of	
people's mentality	5
Understanding the political	
implications of science/	
research/ Can put pressure on	
Government/politicians	3
Other (PLEASE WRITE IN)	11
Nothing	4
Don't know	15



# SIMILAR TO MORI/WELLCOME TRUST QUESTIONS 2000 (ASKED OF SCIENTISTS)

Q. - Q. SHOWCARD U (R) I'd like to now look at communication between scientists and the general public. How strongly do you agree or disagree with the following statements?

READ OUT Q.-Q. ROTATE ORDER AND ✓ TICK START. SINGLE CODE ONLY

	Stron gly agree %	Tend to agree %	Neith er agree nor dis- agree %	Tend to disagr ee %	Strong ly disagr ee %	Don't know %	Not stated %
MORI/WELLCOME TRUST 2000							
I would like to spend more							
time than I do							
communicating the implications of my research							
to non-specialist audiences							
1	16	41	26	14	3	1	-
Q I would like more							
scientists to spend							
more time than they							
do discussing the							
implications of their							
research with the general public	31	48	13	4	1	1	*
P P-00010					-	-	
Difference	+15	+7	-13	-10	-2	-	-



MORI	/WELLCOME TRUST 2000 Funders of scientific research should help scientists to communicate research findings and their social and ethical implications to the non- specialist public	39	45	9	5	1	1	*
Q.	Funders of scientific research should help scientists to discuss research and its social and ethical implications with the general public	32	48	11	4	1	3	1
	Difference	-7	+3	+2	-1	-	+2	+1

# Q.- SHOWCARD U (R) AGAIN And how strongly do you agree or disagree with each of the Q. following statements about science and scientists...? READ OUT Q.-Q. ROTATE ORDER AND ✓ TICK START. SINGLE CODE FOR EACH

		Neithe				
		r agree				
	Tend	nor				
Strongl	to	dis-	Tend to	Strongly	Don't	Not
y agree	agree	agree	disagree	disagree	know	stated
%	%	%	%	%	%	%

🗆 Q.

#### ...On the whole, science will make our lives easier

UEA/MORI 2002	15	57	18	7	2	2	-
MORI/OST 2004	25	57	14	3	*	1	*
Change	+10	-	-4	-4	-2	-1	-

### Q. ....Science makes a good contribution to society

UEA/MORI 2002	20	60	15	2	1	2	-
MORI/OST 2004	27	58	11	2	*	1	*
Change	+7	-2	-4	-	-1	-1	-

### Q. ... Scientists should listen more to what ordinary people think

	_		<b>7 1 1</b>				
OST/Wellcome Trust 2000	19	50	14	10	2	-	-
UEA/MORI 2002	17	50	19	10	2	3	-
MORI/OST 2004	31	43	15	8	1	1	*
Change	+12	-7	+1	-2	-1	+1	-

### Q. ...Scientists often try new things without thinking about the consequences

5	.0		0		1			
UEA/MORI 2002	14	38	26	16	3	4	-	
MORI/OST 2004	20	41	20	14	2	3	*	_
Change	+6	+3	-6	-2	-1	-1	-	_

#### Q. ... The independence of scientists is often put at risk by the interests of their funders IIFA / MORI 2002 14 46 27 5 1 7

UEA/MORI 2002	14	46	27	С	1	/	-
MORI/OST 2004	28	45	18	3	1	6	*
Change	+14	-1	-9	-2	-	-1	-

### Q. ... The funding of science is becoming too commercialised

•	8		,						
_	UEA/MORI 2002	13	41	30	9	1	6	-	
	MORI/OST 2004	21	36	22	10	2	10	*	_
	Change	+8	-5	-12	+1	+1	+4	-	

### Q. ... It is important to know about science in my daily life

			, <u>j</u>				
OST/Wellcome Trust 2000	10	49	21	15	3	-	-
MORI/OST 2004	22	49	15	11	2	1	*
Change	+12	-	-6	-4	-1	+1	-

Q. ...It is important that young people have a grasp of science and technology

OCT /W 11	H			- ,				
OST/Wellco	me Trust 2000	37	54	6	1	*	-	-
MORI/OST	2004	59	37	3	1	*	1	1
Change		+22	-17	-3	-	-	+1	+1

Q. SHOWCARD V (R) How much, if at all, do you feel the public should be consulted on decisions about scientific developments? SINGLE CODE ONLY

	%
A great deal	26
A fair amount	55
Not very much	14
Not at all	2
Not stated	*
Don't know	3

- Q. SHOWCARD W (R) How much influence, if any, do you feel you personally have on decision-making about science or on scientific research that is conducted? SINGLE CODE ONLY
- Q. SHOWCARD W (R) AGAIN And how much influence, if any, do you feel you should have on decision-making about science or on scientific research that is conducted? SINGLE CODE ONLY

	Q. <b>Current</b>	Q. Should have
	%	%
A great deal	1	6
A fair amount	6	50
Not very much	40	31
None at all	51	9
A great deal/A fair amount	7	56
Not very much/None at all	91	39
Don't know	1	4

MORI

- Q. SHOWCARD X (R) How far do you think the Government <u>listens to</u> the outcomes from public consultation on science? SINGLE CODE ONLY
- Q. SHOWCARD X (R) AGAIN And how far do you think the Government <u>acts on</u> the outcomes from public consultation on science? SINGLE CODE ONLY

	Q.	Q.
	%	%
A great deal	1	1
A fair amount	21	17
Not very much	51	54
Not at all	20	19
A great deal/A fair amount	22	18
Not very much/Not at all	71	73
Don't know	7	8

Q. SHOWCARD Y (R) If there was a national debate on a science-related issue, how interested would you be, if at all, in spending time at a discussion group to talk about these issues? Would you say... READ OUT A-D. ALTERNATE ORDER AND ✓ TICK START. SINGLE CODE ONLY

		%
А	Very interested	8
В	Fairly interested	43
С	Not very interested	24
D	Not at all interested	21
	Don't know	1
	Not stated	*
	It depends	4

# ASK Q IF VERY INTERESTED/FAIRLY INTERESTED/DEPENDS AT Q.

Q. SHOWCARD Z (R) Which two or three of these, if any, would be most important to you in making a decision to take part in a discussion group to talk about a science-related issue? Just read out the letter or letters. CODE UP TO THREE

	Base: All those who are 'very interested' or 'fairly interested' in spending time at a discussion group to talk about science issues, or say 'it depends'	(987) %	
А	Those seeking your views acting		
	on the outcomes	36	
В	Being Paid	6	
С	Childcare provision/Payment for childcare	8	
D	Demonstrating that the outcomes have been acted upon	39	
Ε	Length of discussion/involvement	20	
	required		_
F	Local venue/Location of venue	44	_
G	Not just a talking shop	17	_
Н	Subject matter/Issue	57	-
Ι	Time of day/week	28	-
J	Type of venue	7	-
Κ	Whether refreshments are		
	provided	2	
	Other (PLEASE WRITE IN)	1	NOT ON SHOWCARD
	None of these	*	-
	Not stated	2	-
	Don't know	1	

MORI

Q.- Q. SHOWCARD AA (R) How strongly do you agree or disagree with each of the following statements...? READ OUT Q-Q. ROTATE ORDER AND ✓ TICK START. SINGLE CODE FOR EACH

			Strongly agree %	Tend to agree %	Neither agree nor dis- agree %	Tend to disagree %	Strongly disagree %	Don't know %	Not stated %
	Q.	The more I know about sci	ence, the	more w	orried I a				
		OST/Wellcome Trust 2000	6	26	18	38	9	-	-
		MORI/OST 2004	7	28	25	31	9	1	1
		Change	+1	+2	+7	-7	-	+1	+1
	Q.	The speed of development properly controlled by Govern	ment				nat it canı	not be	
		OST/Wellcome Trust 2000	8	33	20	25	4	-	-
		MORI/OST 2004	8	40	23	21	3	5	1
		Change	-	+7	+3	-4	-1	+5	+1
	Q.	The media sensationalises	science						
		OST/Wellcome Trust 2000	16	48	18	10	1	-	-
		MORI/OST 2004	26	45	15	8	1	4	1
		Change	+10	-3	-3	-2	-	+4	+1
NE	W QUE	ESTIONS							
	Q.	School put me off science	6	14	14	37	26	2	1
	Q.	We ought to hear about							
		potential new areas of							
		science and technology							
		before they happen, not	23	51	14	7	2	2	1
		afterwards							
	Q.	Those who regulate							
		science need to			_	_		-	
		communicate with the	32	55	8	2	*	2	1
_	0	_public							
	Q.	We have no option but to	1.1	10	17	00	1	1	1
	0	trust science	11	42	17	23	6	1	1
	Q.	We have no option but to trust those governing	9	39	17	25	8	2	1
		science	9	39	1 /	23	0	4	1
	0	Public consultation events							
	Q.	are just public relations							
		activities and don't make							
		any difference to policy	10	40	24	15	2	9	1
	Q.	Public consultation events		.~				-	
_		are unrepresentative of							
		public opinion	10	40	24	13	2	11	1
			I						

Q.	When publishing the results of research, scientists should always state how they were funded	37	42	11	6	1	3	*
Q.	The Government should							
	listen to public concerns							
	about science and	43	49	5	2	*	1	1
	technology							
□ Q.	The Government should							
	act in accordance with							
	public concerns about							
	science and technology	32	49	12	5	1	1	1

Demographics



# MORI

# Gender

Male	49
Female	51

# Exact Age

0	%
16-24	14
25-34	19
35-44	18
45-54	16
55-59	7
60-64	6
65-74	10
75+	9

# Working Status of Respondent:

Working - Full time (30+ hrs)	45
- Part-time (9-29 hrs)	10
Unemployed	4
Not working - retired	24
- looking after house/children	9
- invalid/disabled	3
Student	6
Other	*



### Class

А	4
В	20
C1	27
C2	21
D	14
E	14

### Number of children in the

household? SINGLE CODE ONLY

None	63
1	16
2	12
3	7
4 or more	*
Don't know/Refused	-

### ASK IF CHILDREN IN HOUSEHOLD What ages are the children in the household? MULTICODE OK

0-4	15
5-7	11
8-10	10
11-15	13
Don't know/Refused	1





# SHOWCARD BB (R) Which of the following applies to you and your household? Please just read out the letter or letters that apply. MULTICODE OK

		%
А	E-mail at home	51
В	E-mail at work, place of	
_	study or elsewhere	29
С	Internet at home	51
D	Internet at work, place of	
_	study or elsewhere	30
Е	PC, laptop or notebook at	
	home	50
F	PC, laptop or notebook at	
	work, place of study or	
_	elsewhere	28
G	Interactive Digital TV	38
_	None of these	24
	Don't know	*



# SHOWCARD CC (R) Which, if any, of the following applies to you? Just read out the letter or letters. MULTICODE OK

	Been a member of a science	А
4	organisation in the last 5 years	
	Currently subscribe to a science	В
4	magazine	
	Have (ever) worked as a scientist or	С
9	engineer	
7	Have a science or engineering degree	D E
	Have bought a science magazine in	
10	the past year	
13	Have studied science to A level	F
7	Have studied science to degree level	G
40	Have studied science to GCSE/O	Н
	Level	
6	Have taught a science subject	Ι
3	I am a scientist	J
8	I am an engineer	J K L
7	I have never met a scientist or	L
	engineer	
	I have scientists or engineers among	
30	my friends and relatives	
	I meet scientists or engineers	Ν
12	frequently (i.e. at least once a month)	
	I meet scientists or engineers	Ο
6	infrequently (less than once a year)	
11	I work with scientists or engineers	Р
3	Member of a science organisation	Q
	Once subscribed to a science	Q R
5	magazine but don't now	
	I have looked up scientific	S
27	information on the internet	
31	None of these	



SHOWCARD DD Which of the groups on this card do you consider you belong to? Again, just read out the letter that applies. SINGLE CODE ONLY

	%
WHITE	70
A British	89
B Irish	$\frac{2}{3}$
C Any other white background	3
(PLEASE WRITE IN)	
MIXED	
D White and Black Caribbean	*
E White and Black African	*
F White and Asian	*
G Any other mixed	*
background (PLEASE	
WRITE IN)	
ASIAN OR ASIAN	
H Indian	1
I Pakistani	1
	*
J Bangladeshi K Any other Asian background	*
(PLEASE WRITE IN)	
BLACK OR BLACK	
L Caribbean	1
M African	1
N Any other black background	*
(PLEASE WRITE IN)	
````	
CHINESE OR OTHER	
O ETHNIC GROUP Chinese	*
Any other background	*
(PLEASE WRITE IN)	
Refused	t



SHOWCARD EE Here is a list of <u>daily</u> <u>newspapers</u>. Which of these do you read or look at regularly? By regularly I mean on average at least three out of four issues. MULTICODE OK

		%
A	Daily Express	6
В	Daily Mail	15
С	The Mirror	11
D	Daily Record	3
Е	Daily Telegraph	6
F	<b>Financial Times</b>	1
G	The Guardian	6
H <u>T</u> ł	ne Herald (Glasgow)	*
Ι	The Independent	4
J	Metro	4
К <u></u>	The Scotsman	1
L	Daily Star	4
M	The Sun	15
N	The Times	7
0	Evening Standard	3
	Other	9
	None of these	35

SHOWCARD FF And which of these <u>Sunday newspapers</u> do you read or look at regularly? By regularly I mean on average at least three out of four issues. MULTICODE OK

	%
A News of the World	15
B Sunday Express	4
C Sunday Mail (Scotland only)	4
D Sunday Mirror	7
E Sunday Post	2
F The Sunday Telegraph	4
G The Mail on Sunday	12
H The Observer	4
I Sunday People	4
J The Sunday Times	8
K Scotland on Sunday	1
L The Independent on Sunday	2
M Sunday Business	*
N Sunday Herald	*
Other	3
None of these	45

