## 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
$\left.\begin{array}{r|c}\begin{array}{r}\text { Anti-social behaviour/Tackling } \\ \text { anti-social behaviour }\end{array} & 6 \\ \hline \begin{array}{r}\text { Bringing up children/Caring for a } \\ \text { relative }\end{array} & 11 \\ \hline \begin{array}{r}\text { Crime/Tackling crime/Law \& } \\ \text { Order/Vandalism }\end{array} & 8 \\ \hline \text { Defence/Foreign affairs/Iraq } & 3 \\ \hline \text { Education/A good education } & 7 \\ \hline \begin{array}{r}\text { Education system/A good } \\ \text { education system }\end{array} & 4 \\ \hline \text { Environmental issues } & 6 \\ \hline \begin{array}{r}\text { Europe/EU/Relations with } \\ \text { France, Germany, etc. }\end{array} & 1 \\ \hline \text { Friends and family } & 60 \\ \hline \text { Health/Good health } & 35 \\ \hline \begin{array}{r}\text { Healthcare system/A good } \\ \text { healthcare system/NHS }\end{array} & 9 \\ \hline \begin{array}{r}\text { Helping Sudan/other developing } \\ \text { countries }\end{array} & * \\ \hline \begin{array}{r}\text { Housing/Having a good home to } \\ \text { live in }\end{array} & 11 \\ \hline \begin{array}{r}\text { Nob/Having a job (i.e. paid work) } \\ \text { Don't know }\end{array} & 17 \\ \hline \text { Money/Having financial security } & 21 \\ \hline \text { Politics/Political issues/Current } \\ \text { affairs }\end{array}\right]$

## ALTERNATE ORDER OF ASKING Q AND Q.

IF YOU HAVE AN ODD SAMPLE POINT NUMBER, PLEASE ASK VERSION 1 IF YOU HAVE AN EVEN SAMPLE POINT NUMBER, PLEASE ASK VERSION 2

Q When I say... 'science' ...what comes to mind? DO NOT PROMPT. PROBE FULLY. MULTICODE OK.
$\left.\begin{array}{r|c}\text { Base: Adults aged 16+ (Version 1) } & \begin{array}{c}\text { (899) } \\ \text { \% }\end{array} \\ \begin{array}{r}\text { Advancement/Progress/The } \\ \text { future/Better world/Helping } \\ \text { mankind/Easier living/Easier } \\ \text { life }\end{array} & 14 \\ \hline \begin{array}{r}\text { Biology/Chemi stry/Physics }\end{array} & 15 \\ \hline \begin{array}{r}\text { Boffins/Nerds/Eccentric/Craz } \\ \text { y/ Boring/Mad/Mad } \\ \text { professor/Mysterious }\end{array} & 4 \\ \hline \begin{array}{r}\text { Bombs/War/Destruction of } \\ \text { mankind }\end{array} & 2 \\ \hline \begin{array}{r}\text { Laboratory/Labs/ } \\ \text { Bunsen burners/ }\end{array} & \\ \hline \text { Test tubes/Chemicals/ } \\ \text { Chemical reaction }\end{array}\right]$

| 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) | $\begin{gathered} (932) \\ \% \end{gathered}$ |
| :---: | :---: |
| Advancement/Progress/The future/Better world/Helping mankind/Easier living/Easier life | 4 |
| Assembly/Construction/Buildi ng/Building sites/ Bridges/Tunnelling/ Channel Tunnel | 32 |
| Biology/Chemi stry/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/ Manufacturing/Making things/ Maintenance | 21 |
| Energy/Power | 4 |
| Genetics/DNA/GM food/GM crops | 2 |
| Industrial/Infrastructure/ Installation/Utility/Water | 7 |
| Important/Necessary | 1 |
| Ideas/Innovation/Invention/ Discovery/Research/ Analysis/Logic | 6 |
| Laboratory/Labs/ Bunsen burners/ Test tubes/ Chemicals/Chemical reaction | 2 |
| $\begin{array}{r} \hline \text { Machines/Machinery/Mechani } \\ \text { cal/Mechanised } \\ \text { appliance/Motor(s) } \end{array}$ | 31 |
| Motoring/Motorways/Cars/B uses/Roads | 15 |
| Nanotechnology | * |
| Oil/Nuts \& bolts/Parts/Metals/Cables | 4 |
| Plumber/Welder/Labourer/Joi ner/Mechanics/Hard hats | 6 |
| Pollution | 1 |
| Science | 2 |


| Ships/Trains/Railways/Transp <br> 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) | $\begin{gathered} \text { (899) } \\ \% \end{gathered}$ |
| :---: | :---: |
| 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 |
| Hardw orking/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 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 |

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

| Base: Adults aged 16+ (Version 2) | $\begin{gathered} \text { (932) } \\ \% \end{gathered}$ |
| :---: | :---: |
| Blue collar workers/Dirty/Factories/Overalls /Grease monkeys | 15 |
| Beards | * |
| Boffins/Nerds/Eccentric/Crazy/ <br> 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

|  |  | $\%$ |
| :--- | ---: | :---: |
| A | Very well informed | 5 |
| B | Fairly well informed | 34 |
| C | Not very well informed | 42 |
| D | Not at all informed | 17 |
|  | Not stated | $*$ |
| Don't know | $*$ |  |

OST/WELLCOME TRUST TREND QUESTION (2002) ${ }^{1}$
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

|  | OST/Wellcom | MORI/OST | Change |
| :---: | :---: | :---: | :---: |
| e Trust 2000 | 2004 |  |  |
| Base: Adults aged $16+$ | $(1,839)$ | $(1,831)$ | $( \pm)$ |
|  | $\%$ | $\%$ |  |

A ...These days I see and hear far too much information

B ...These days I see and hear too much information about science
C ...These days I see and hear about the right amount of

D

| information about science | 55 | 40 | -15 |
| ---: | :---: | :---: | :---: |
| ..These days I see and hear <br> too little information about <br> science | 20 | 37 | +17 |
| $\ldots$ These days I see and hear |  |  |  |
| far too little information about <br> science | 4 | 12 | +8 |
| None of these | - | 2 | +2 |
| Don't know | 7 | 2 | -5 |

[^0]Q When I say "public consul tation on science" what, if anything, springs to mind? DO NOT PROMPT. MULTICODE OK
\%

| Embryo gender <br> selection/Consultation by Human <br> Fertilisation and Embryology <br> Authority |  |
| ---: | :---: |
| GM Nation debate | 3 |
| It's a bad idea | 5 |
| It's a good idea | 5 |
| GM/GM food/Genetic engineering | 1 |
| It's a waste of time/There is no |  |
| point |  |$\quad 10$

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 ODD SAMPLE POINT NUMBER, PLEASE ASK VERSION 1 AT Qa AND Qb
IF YOUR HAVE AN EVEN SAMPLE POINT NUMBER, PLEASE ASK VERSION 2 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 beneficial 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 not been beneficial for society, as far as you are aware? JUST READ OUT THE LETTER OR LETTERS. MULTICODE OK.

## Qa BENEFICIAL

|  |  | Qa BE | IAL |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | MORI/OST <br> (1998/99) | 2004 | CHANGE |
|  | Base: Adults aged 16+ | $(1,109)$ | (899) | ( $\pm$ ) |
|  |  | \% | \% |  |
| A | Cloning/Dolly the sheep | 2 | 2 | - |
| B | Computers/The Internet/Email | 28 | 41 | +13 |
| C | Cures for or eradication of illnesses/diseases | 43 | 41 | -2 |
| D | Genetic modication/engineering of animals and plants | 1 | 1 | - |
| E | 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 |
| H | Faster/cheaper travel | 6 | 5 | -1 |
| I | Medicines/New drugs/Penicillin/ Antibiotics/Vaccines etc | 57 | 53 | -4 |
| J | New and alternative sources of energy | 17 | 16 | -1 |
| K | New operations/Surgery | 31 | 24 | -7 |
| L | New telecommunications (fax machine/mobile phone/TV) | 14 | 13 | -1 |
| M | Robots in industry and medicine | 3 | 3 | - |
| N | Space Research/Sending people to the moon | 2 | 5 | +3 |
| O | Splitting the atom | 4 | 5 | +1 |
| P | Test-tube babies/In-vitro fertilisation | 11 | 8 | -3 |
| Q | Transplants eg of heart, liver, kidneys etc | 51 | 41 | -10 |
|  | Other (PLEASE WRITE) <br> [NOT ON SHOWCARD] | * | * | - |
|  | No, none spring to mind | * | * | - |
|  | Don't know | * | * | - |


| Qb NOT BENEFICIAL |  |  |  |
| :---: | :---: | :---: | :---: |
| Base: Adults aged 16+ | MORI/OST (1998/99) | 2004 | CHANGE |
| Base: Adults aged 16+ | $(1,109)$ | (899) | ( $\pm$ ) |
|  | \% | \% |  |
| A Cloning/Dolly the sheep | 57 | 53 | -4 |
| B Computers/The Internet/Email | 4 | 3 | -1 |
| C Cures for or eradication of illnesses/diseases | 1 | 1 | - |
| D Genetic modication/engineering of animals and plants | 28 | 18 | -10 |
| E Genetically modified food | 45 | 36 | -9 |
| F $\begin{array}{r}\text { Genetic testing or screening for } \\ \text { particular things, eg diseases }\end{array}$ | 2 | 1 | -1 |
| G Discovering global warming/Climate Change/ Distuption to weather patterns/Greenhouse Effect | 6 | 5 | -1 |
| H Faster/cheaper travel | 16 | 12 | -4 |
| Medicines/New drugs/Penicillin/ Antibiotics/Vaccines etc | 1 | 1 | - |
| New and alternative sources of energy | 4 | 3 | -1 |
| K New operations/Surgery | * | 1 | +1 |
| L $\begin{array}{r}\text { New telecommunications (fax } \\ \text { machine/mobile phone/TV) }\end{array}$ | 5 | 4 | -1 |
| M Robots in industry and medicine | 18 | 12 | -6 |
| N Space Research/Sending people to the moon | 25 | 22 | -3 |
| O Splitting the atom | 20 | 17 | -3 |
| P Test-tube babies/In-vitro fertilisation | 9 | 11 | +2 |
| Q Transplants eg of heart, liver, kidneys <br> etc | 1 | 1 | - |
| Other (PLEASE WRITE IN) <br> [NOT ON SHOWCARD] | * | * | - |
| No, none spring to mind | 5 | 10 | +5 |
| Don't know | 1 | 2 | +1 |

## 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 beneficial 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 not been beneficial for society, as far as you are aware? JUST READ OUT THE LETTER OR LETTERS. MULTICODE OK.
Qa
BENEFICIAL
Qb
BENEFICIAL
(932)

Net beneficial
$( \pm)$
Base: Adults aged 16+ (Version 2)
\%

| A Cloning/Dolly the sheep | 3 | 45 | -42 |
| :---: | :---: | :---: | :---: |
| B Computers/The Internet/Email | 40 | 3 | +37 |
| C Cures for or eradication of illnesses/diseases | 40 | * | +39 |
| D Genetic modication/engineering of $\begin{array}{r}\text { animals and plants }\end{array}$ | 3 | 12 | -9 |
| E Genetically modified food | 3 | 32 | -29 |
| F $\begin{array}{r}\text { Genetic testing or screening for } \\ \text { particular things, eg diseases }\end{array}$ | 17 | 2 | +15 |
| G $\begin{array}{r}\text { Discovering global } \\ \text { warming/Climate Change/ } \\ \text { Disruption to weather } \\ \text { patterns/Greenhouse Effect }\end{array}$ | 17 | 3 | +14 |
| $\mathrm{H} \longrightarrow$ Faster/Cheaper travel | 10 | 9 | -* |
| Medicines/New drugs/Penicillin/ Antibiotics/Vaccines etc | 46 | * | +46 |
| New and alternative sources of energy | 16 | 1 | +14 |
| K New operations/Surgery | 24 | * | +24 |
| L $\begin{gathered}\text { New telecommunications (fax } \\ \text { machine/mobile phone/TV) }\end{gathered}$ | 14 | 5 | +9 |
| M Robots in industry and medicine | 5 | 11 | -6 |
| N Space Research/Sending people to the moon | 3 | 15 | -12 |
| $\mathrm{O} \longrightarrow$ Splitting the atom | 5 | 10 | -5 |
| P Test-tube babies/In-vitro | 8 | 6 | +2 |
| Q $\begin{array}{r}\text { Transplants eg of heart, liver, } \\ \text { kidneys etc }\end{array}$ | 37 | * | +37 |
| R Brain science/Neuroscience | 5 | * | +5 |
| S 'Designer babies' | 2 | 27 | -25 |
| T Energy/Electricity | 11 | * | +11 |
| U Mobile 'phones | 7 | 8 | -* |
| V Nanotechnology/Miniaturisation | 1 | 2 | -* |


|  | New vaccinations for children <br> (MMR vaccination/Five-in-one <br> vaccination) | 13 | 1 | +12 |
| :--- | ---: | :---: | :---: | :---: |
|  | Nuclear power | 4 | 6 | -2 |
| Z | Radioactive waste | 1 | 22 | -21 |
|  | The use of animals in medical <br> research | 5 | 12 | -6 |
| Other (PLEASE WRITE IN) <br> 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
A
B
C
D
E

Q. ...Genetically modified food...

| UEA/MORI <br> 2002 | 5 | 11 | 29 | 18 | 21 | 2 | 14 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| UEA/MORI <br> 2003 | 6 | 14 | 23 | 19 | 23 | 3 | 12 |
| MORI/OST 2004 | 4 | 12 | 15 | 24 | 33 | $*$ | 10 |
| Change | -1 | +1 | -14 | +6 | +12 | -2 | -4 |

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

| UEA/MORI <br> 2002 | 15 | 23 | 29 | 15 | 12 | 1 | 6 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MORI/OST 2004 | 30 | 38 | 11 | 8 | 6 | 1 | 5 |
| Change | +15 | +15 | -18 | -7 | -6 | - | -1 |

Q. ...Radioactive waste...

| UEA/MORI <br> 2002 | 7 | 13 | 21 | 23 | 30 | 2 | 4 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MORI/OST 2004 | 4 | 8 | 9 | 17 | 55 | 1 | 5 |
| Change | -3 | -5 | -12 | -6 | +25 | -1 | -1 |

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

| UEA/MORI <br> 2002 | 19 | 23 | 35 | 8 | 9 | 1 | 6 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MORI/OST 2004 | 7 | 17 | 19 | 26 | 17 | 1 | 11 |
| Change | -12 | -6 | -16 | +18 | +8 | - | -5 |

## NEW QUESTION

Q. ...Cloning...

| MORI/OST 2004 | 6 | 10 | 12 | 19 | 44 | 1 | 8 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

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 <br> Benefits <br> outweigh <br> risks | Version 2 Risks <br> outweigh <br> benefits |
| ---: | :---: | :---: |
|  | $899)$ <br> $\%$ | (932) <br> $\%$ |
| 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 | Fairly <br> good <br> thing | Neithe <br> thing | Fairly <br> r good <br> nor <br> bad | Very <br> bad <br> thing | No <br> bad <br> thing | opinio <br> n |
| :---: | :---: | :---: | :---: | :---: | :---: | :--- | | stat |
| :---: |
| stat |

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 | - |
| ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MORI/OST 2004 | 2 | 13 | 23 | 32 | 25 | 5 | 1 |
| Change | - | - | -12 | +7 | +6 | - | +1 |

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

$$
\mathrm{Q}
$$

Q
phone base stations/masts
Q.

Q
Q
Q.

|  | internet/computers/ information technology | 44 | 37 | 10 | 3 | 2 | 3 | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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

|  |  | Q Current \% | $\begin{gathered} \mathrm{Q} \\ \text { Future } \\ \% \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| A | Audio tapes | 1 | 1 |  |
| B | Billboards/Hoardings | 4 | 3 |  |
| C | Information in Braille for blind people | 1 | * |  |
| D | Children | 10 | 5 |  |
| E | Citizens' juries | 1 | * |  |
| F | Focus groups | 2 | 2 |  |
| G | Friends and Relations/Husband/Wife/Partner | 18 | 10 |  |
| H | Information in languages apart from English | 1 | * |  |
| I | Interactive television | 9 | 7 |  |
| J | Internet sites/Websites | 30 | 24 |  |
| K | Internet discussion groups/Internet chat rooms | 4 | 3 |  |
| L | Leaflets | 12 | 12 |  |
| M | Magazines | 33 | 23 |  |
| N | Membership of a campaign group/local group | 3 | 2 |  |
| O | New spapers - local | 16 | 11 |  |
| P | New spapers - national | 53 | 37 |  |
| Q | Products - e.g. food | 5 | 4 |  |
| R | Radio - local | 12 | 9 |  |
| S | Radio - national | 30 | 23 |  |
| T | Science centres / Science museums | 13 | 9 |  |
| U | Science festivals | 3 | 4 |  |
| V | Science talks / Public meetings / Meet-thescientist events | 5 | 7 |  |
| W | Telephone information line | 1 | 1 |  |
| X | Teletext | 5 | 4 |  |
| Y | Television news | 63 | 47 |  |
| Z | 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 |  |

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
\%

| A | The BA Festival of Science | 8 |
| :--- | ---: | :---: |
| B | The Cheltenham Science |  |
| F Festival | 10 |  |
|  | The Edinburgh Festival | 72 |
|  | The Edinburgh International |  |
| Festival of Science | 11 |  |
| F | National Science Week | 55 |
|  | Oxfordshire Science Festival | 5 |
|  | The Wrexham Science Festival | 3 |
|  | The Royal Society's Summer |  |
|  | Science Exhibition | 12 |
| Other (PLEASE WRITE IN) | $*$ |  |
| 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?

\begin{tabular}{|c|c|c|c|}
\hline \& Q

$\%$ \&  \& Q

\% <br>
\hline \& 34 \& 1.03 \& 12 <br>
\hline B Visited a science festival \& 2 \& 0.02 \& 8 <br>
\hline C Visited a laboratory \& 8 \& 1.86 \& 8 <br>
\hline D $\begin{array}{r}\text { Attended a public meeting on a } \\ \text { science-related topic }\end{array}$ \& 4 \& 0.11 \& 3 <br>
\hline E $\begin{array}{r}\text { Participated in a science-related } \\ \text { activity at a school/community } \\ \text { centre }\end{array}$ \& 7 \& 1.11 \& 3 <br>
\hline F Visited an art gallery \& 28 \& 0.84 \& 8 <br>
\hline G Visited a zoo \& 30 \& 0.53 \& 11 <br>
\hline H Visited a theme park \& 27 \& 0.58 \& 10 <br>
\hline I Visited a planetarium \& 6 \& 0.08 \& 20 <br>
\hline J $\begin{array}{r}\text { Been to a lecture/talk on a science- } \\ \text { related subject }\end{array}$ \& 8 \& 0.93 \& 5 <br>
\hline $\mathrm{K} \quad \begin{array}{r}\text { Been to a lecture/talk on a non } \\ \text { science-related subject }\end{array}$ \& 14 \& 1.5 \& 2 <br>
\hline Been to a meeting or debate on a
science-related subject \& 5 \& 0.42 \& 4 <br>
\hline $\begin{array}{r}\text { M } \\ \begin{array}{r}\text { Been to a meeting or debate on a } \\ \text { non-science related subject }\end{array} \\ \hline\end{array}$ \& 12 \& 1.2 \& 2 <br>
\hline $\mathrm{N} \quad$ Been to a visitor centre (i.e. at a
tourist spot) \& 35 \& 1.54 \& 5 <br>
\hline $\mathrm{O} \quad$ Been to the cinema \& 53 \& 3.84 \& 9 <br>
\hline P Visited a historic house or gardens \& 39 \& 1.25 \& 11 <br>
\hline $\mathrm{Q} \longrightarrow$ Been to a sporting event \& 32 \& 3.2 \& 8 <br>
\hline R \& 37 \& 1.24 \& 15 <br>
\hline S Been to a concert or the opera \& 24 \& 0.67 \& 11 <br>
\hline None of these \& 15 \& \& 20 <br>
\hline Don't know \& * \& \& 5 <br>
\hline
\end{tabular}

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
$\left.\begin{array}{r|c}\begin{array}{r}\text { Base: All who have been to a } \\ \text { science-related event in the last } \\ 12 \text { months } \\ \text { Discounts }\end{array} & \begin{array}{c}\text { (958) } \\ \%\end{array} \\ \hline \text { For enjoyment/recreation/a } \\ \text { day out }\end{array}\right)$
Q. And how much, if at all, would you say you enjoyed it? Would you say...? READ OUT A-D. ALTERNATE ORDER. $\checkmark$ TICK START. SINGLE CODE ONLY

Base: All who have been to a science-related event in the last
(958)

12 months
\%
$\square \quad \mathrm{A}$
B
C

| ...A great deal | 45 |
| ---: | :---: |
| $\ldots$ A fair amount | 36 |
| $\ldots$ Just a little | 4 |
| ..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. FOR EACH SCIENCE CENTRE VISITED How often have you visited... in the last five years or so? WRITE IN USING LEADING ZEROS

|  |  | Q. $\%$ | Q. WRITE IN Average |
| :---: | :---: | :---: | :---: |
| A | At-Bristol | 2 | 0.04 |
| B | The Centre for Life <br> (New castle) | 3 | 0.05 |
| C | CuriOXity (Oxford) | * | * |
| D | Eureka! (Halifax) | 5 | 0.06 |
| E | Glasgow Science Centre | 2 | 0.03 |
| F | INSPIRE (Norwich) | 1 | 0.01 |
| G | INTECH (Winchester) | * | 0.01 |
| H | Our Dynamic Earth (Edinburgh) | 3 | 0.04 |
| I | Kennedy Space Centre, Cape Canaveral (Florida, USA) | 6 | 0.09 |
| J | Magna (Rotherham) | 2 | 0.03 |
| K | Techniquest (Cardiff) | 2 | 0.05 |
| L | The Deep (Hull) | 3 | 0.04 |
| M | The Eden Project (Cornwall) | 14 | 0.18 |
| N | The Museum of Science and Industry in Manchester | 4 | 0.08 |
| O | The National Space Centre (Leicester) | 2 | 0.03 |
| P | 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 |

T

|  |  |  |
| ---: | :---: | :---: |
| W5 (Belfast) | 1 | 0.02 |
| Other (PLEASE WRITE IN) | 2 |  |
| None of these | 47 | NOT ON SHOWCARD |
| 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

|  | Base: All visiting each | Very favoura ble \% | Mainly favoura ble \% | Neither favoura ble nor unfavo urable \% | Mainly unfavo urable \% | Very unfavo urable \% | Don't know / Not stated |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| At-Bristol | (37) | 45 | 45 | - | - | - | 10 |
| The Centre for Life <br> (New castle) | (40) | 33 | 42 | 6 | 4 | 2 | 13 |
| 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 <br> (Edinburgh) | (39) | 45 | 39 | 1 | - | - | 16 |
| 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 (London) | (376) | 66 | 26 | 3 | * | 1 | 4 |
| The Science Museum <br> (London) | (328) | 59 | 34 | 2 | 1 | * | 4 |
| Think Tank (Birmingham) | (27) | 41 | 41 | - | , | - | 17 |
| The Millennium Dome, London | (227) | 35 | 31 | 10 | 9 | 7 | 8 |
| 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 <br> an interest in science and <br> engineering | 23 |
| ---: | :---: |
| Enjoyment | 23 |
| Keep children amused | 7 |
| Providing a forum for <br> debate/discussion on science <br> and engineering | 5 |
| Teaching adults | 32 |
| Teaching children | 30 |
| To see science in action | 18 |
| Preservation of heritage | 3 |
| Remind how people used to |  |
| live | 6 |
| Learning/education/knowledg |  |
| e/ information | 19 |
| Interesting/Personal interest | 3 |
| Other (PLEASE WRITE IN) | 4 |
| Nothing | 3 |
| 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 | \% |
| ---: | :---: |
| Distance/Too far away | 15 |
| Difficult to get to/Awkward to <br> get to | 9 |
| Lack of opportunity to ask <br> questions/debate interesting <br> issues | 2 |
| Lack of opportunity to meet <br> scientists/talk to scientists | 1 |
| Lack of information | 3 |
| Not interested/Not for me | 8 |
| Overly geared towards <br> children/Do not cater for <br> adults | 2 |
| Do not cater enough for |  |
| children |  |$\quad 1$| Not interactive enough |
| ---: |
| Not enough fun |


| Boring/Uninspiring | 2 |
| ---: | :---: |
| Difficult to understand/Too <br> technical | 3 |
| Parking/Cost of parking | 1 |
| Concerning/ scared to see <br> 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
\%

| A | Being older | 6 |
| :---: | :---: | :---: |
| B | Being apolitical/Non political | 17 |
| C | Competence | 45 |
| D | Credentials | 22 |
| E | Experience | 52 |
| F | Honesty | 57 |
| G | If they are from a Black or Minority Ethnic Group | * |
| H | If they are White | 1 |
| I | Independence | 16 |
| J | Being male | 1 |
| K | Being female | 1 |
| L | If they listen to my concerns | 26 |
| M | If they share my concerns | 16 |
| N | If they are smartly dressed/Smart appearance | 2 |
| O | If they are wearing white coats/white lab coats | 3 |
|  | COMBINATIONS <br> 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 coats/white lab coats | 4 |
|  | 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

|  | \% |
| ---: | :---: |
| 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

| A |  | \% |
| :---: | :---: | :---: |
|  | Companies/Industry/Business | 6 |
| B | Environmental campaigning groups (e.g. Greenpeace) | 18 |
| C | Friends and family | 16 |
| D | Government | 11 |
| E | GP/Family Doctors | 31 |
| F | Health campaigning groups (e.g. Alzheimer's Society) | 20 |
| G | Internet/Worldwide web | 21 |
| H | Magazines | 18 |
| I | Medical charities | 13 |
| J | New spapers | 25 |
| K | Personal experience | 14 |
| L | Radio | 17 |
| M | Religious organisations | 3 |
| N | Scientists working for charities (e.g. Cancer Research UK) | 28 |
| O | Scientists working for government | 9 |
| P | Scientists w orking for industry | 9 |
| Q | Scientists working in universities | 27 |
| R | TV | 42 |
| S | Universities | 18 |
| T | Word-of-mouth | 8 |
| U | Work colleagues | 7 |
|  | COMBINATIONS |  |
|  | The media | 57 |
|  | Scientists working for Government, industry or charities/Scientists working in universities | 47 |
|  | Friends and family/Word-ofmouth/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

|  |  | $\begin{aligned} & \mathrm{Q} . \\ & \% \end{aligned}$ | Q. $\%$ | $\begin{gathered} \mathrm{Q} . \\ \% \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| A | People working for broadsheet newspapers | 11 | 1 | 5 |
| B | People working for tabloid new spapers | 2 | * | 34 |
| C | People working for the popular scientific press, e.g. New Scientist | 23 | 5 | 1 |
| D | Government scientists | 14 | 3 | 13 |
| E | Scientists w orking for industry | 13 | 2 | 5 |
| F | Scientists working in universities | 43 | 17 | * |
| G | Scientists working for charities (e.g. Cancer Research UK) | 41 | 14 | * |
| H | Health campaigning groups (e.g. Alzheimer's Society) | 29 | 5 | * |
| I | Environmental campaigning groups (e.g. Greenpeace) | 20 | 4 | 1 |
| J | Government advisory bodies | 9 | 1 | 4 |
| K | Government ministers/politicians | 2 | * | 18 |
| L | TV documentaries | 45 | 10 | 2 |
| M | TV news and current affairs programmes | 30 | 6 | 2 |
| N | Science books | 30 | 8 | * |
| O | Well-known scientists | 30 | 12 | * |
| P | Investigative journalists | 15 | 4 | 5 |
|  | COMBINATIONS <br> 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 |


| People working for <br> broadsheet/tabloid <br> new spapers/Investigative <br> journalists | 24 | 5 | 42 |
| ---: | :---: | :---: | :---: |
| Government |  |  |  |
| scientists/Government <br> advisory bodies/Government <br> Ministers/politicians | 19 | 4 | 34 |
| Other (WRITE IN) | $*$ | $*$ | $*$ |
| None | 3 | 4 | 2 | | NOT ON |
| :--- |
| SHOWCARD |

IF ‘SCIENTISTS WORKING IN UNIVERSITIES’ (CODE 6) IS SELECTED AT Q, ASK Q-Q. OTHERS GO TO Q
Q.- Q. SHOWCARD $\mathrm{Q}(\mathrm{R})$ 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 $\checkmark$ TICK START

| Base: All those who trust scientists working in universities to provide accurate information about scientific facts (735) | Trust <br> them <br> much <br> more | Trust them a little more | It makes no differe nce | Trust them a little less | Trust <br> them <br> much <br> 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. $\quad \begin{array}{r}\text {...environmental } \\ \text { groups }\end{array}$ | 7 | 26 | 42 | 16 | 4 | 3 | 2 |
| 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....

|  |  | $\%$ |
| :--- | ---: | :---: |
| A | $\ldots$ companies | 35 |
| B | $\ldots$ cuniversities | 43 |
| C | $\ldots$ government | 44 |
| D | $\ldots$..the NHS | 56 |
| E | $\ldots$ medical charities | 38 |
| F | $\ldots$...environmental groups | 21 |
| G | $\ldots$ 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.

MULTICODE OK

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


| The scientists' line <br> 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. $\checkmark$ TICK START SINGLE CODE ONLY

Base: All those thinking that scientists are regulated
$\square \quad \mathrm{A}$
B
C
$\square \quad \mathrm{D}$

|  | $\%$ |
| ---: | :---: |
| ...A great deal | 3 |
| ...A fair amount | 48 |
| ..Not very much | 31 |
| ...None at all | 4 |
| Don't know | 13 |

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

| Those who have: I have trust/trust the regulators | 'A great deal' of confidence (46) $30$ | 'A fair amount' of confidence (561) 21 | Not very much' confidence (362) | 'None at all' $\begin{gathered} (53) \\ 2 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| 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 self | 5 | 3 | 1 | - |
| From what I see on TV/New s 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 subject | - | - | 17 | - |
| Scientists are not always accountable | - | 2 | 14 | - |
| Catastrophies have happened/Look <br> at... | - | 2 | 12 | 11 |


| 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 things | - | 1 | - | - |
| From personal experiences | - | 1 | - | - |
| Scientists can never agree among themselves | - | * | - | 2 |
| I do not know enough about the subject | - | 4 | 17 | 30 |
| 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 bodies/organisations | 8 |
| Specialist Journals/Scientific Journals | 4 |
| Students/Graduates/ Schoolchildren | 3 |
| Teachers/Schools/People in education | 4 |
| The scientific community | 8 |
| Their peers/colleagues/fellow scientists/researchers | 7 |
| Campaign groups | 2 |
| 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 time | 4 |
| 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 processes | 13 |
| Media coverage (unspecified) | 3 |
| Negative media coverage | 2 |
| Mistrust of scientists/The public perception of scientists | 4 |
| Scientific jargon/Technical language/The terminology | 4 |
| The image of science - boring, uninteresting | 3 |
| The way science is taught at school | 1 |
| Level of public concern/Public being scared | 3 |
| Other (PLEASE WRITE IN) | 12 |
| Nothing | 3 |
| Don't know | 19 |

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 informed opinions | 11 |
| Acceptance of change/ New ideas | 6 |
| Appreciation of where taxes go/Justify research funding | 3 |
| Better decision-making | 6 |
| Better <br> knowledge/understanding of science is a benefit in itself | 21 |
| Better media coverage | 3 |
| Could give considered/informed opinions on social/ethical issues | 7 |
| 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 tests/trials | 1 |
| Greater understanding of what scientists do | 13 |
| Help with schools/ Improved education spend | 2 |
| Improve the quality of their life | 3 |
| Improved choice |  |
| Improved democracy | 1 |
| Improved public trust in policy-makers and decisionmakers | 4 |
| Improvements in |  |


| society/general well-being of country/economy | 2 |
| :---: | :---: |
| 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 scientists | 1 |
| 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 decisionmakers 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 $\checkmark$ TICK START. SINGLE CODE ONLY

|  | Neith <br> er <br> agree |  |  |  | Tend | Strong |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | to | ly |  |  |  |
| Stron | Tend | nor | to | ly |  |  |
| gly | to | dis- | disagr | disagr | Don't | Not |
| agree | agree | agree | ee | ee | know | 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

| 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

Difference
3148

13 $\qquad$

| MORI/WELLCOME TRUST 2000 <br> ...Funders of scientific research should belp scientists to communicate research findings and their social and etbical implications to the nonspecialistpublic | 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 $\checkmark$ TICK START. SINGLE CODE FOR EACH

|  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Strongl y agree | Tend <br> to <br> agree | nor dis- <br> aoree | Tend to disagree | Strongly disaoree | Don't know | Not 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

| 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

| 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

| UEA/MORI 2002 | 14 | 46 | 27 | 5 | 1 | 7 | - |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MORI/OST 2004 | 28 | 45 | 18 | 3 | 1 | 6 | $*$ |
| Change | +14 | -1 | -9 | -2 | - | -1 | - |

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

| 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

| 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

| OST/Wellcome 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 |
| ---: | :---: |
| A fair amount | 26 |
| 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. <br> Current <br> $\%$ | Q. <br> Should have <br> $\%$ |
| ---: | :---: | :---: |
| 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 |

Q. SHOWCARD X (R) How far do you think the Government listens to the outcomes from public consultation on science? SINGLE CODE ONLY
Q. SHOWCARD X (R) AGAIN And how far do you think the Government acts on 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 |
|  |  | 18 |
| A great deal/A fair amount | 22 | 73 |
| Not very much/Not at all | 71 | 8 |
| Don't know | 7 |  |

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 $\checkmark$ TICK START. SINGLE CODE ONLY
\%
$\square \quad \mathrm{A}$
B

| ...Very interested | 8 |
| ---: | :---: |
| $\ldots$ Fairly interested | 43 |
| ...Not very interested | 24 |
| 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'

$$
\begin{equation*}
\% \tag{987}
\end{equation*}
$$


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 $\checkmark$ TICK START. SINGLE CODE FOR EACH

$\square \quad \mathrm{Q}$.
...The more I know about science, the more worried I am

| 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 in science and technology means that it cannot be properly controlled by Government

| 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. ...TThe 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 |

NEW QUESTIONS
$\square \quad \mathrm{Q}$.

| ...School put me off science | 6 | 14 | 14 | 37 | 26 | 2 | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ...We ought to hear about potential new areas of science and technology before they happen, not afterwards | 23 | 51 | 14 | 7 | 2 | 2 | 1 |
| ...Those who regulate science need to communicate with the public | 32 | 55 | 8 | 2 | * | 2 | 1 |
| ...We have no option but to trust science | 11 | 42 | 17 | 23 | 6 | 1 | 1 |
| ...We have no option but to trust those governing science | 9 | 39 | 17 | 25 | 8 | 2 | 1 |
| ...Public consultation events are just public relations activities and don't make any difference to policy | 10 | 40 | 24 | 15 | 2 | 9 | 1 |
| ...Public consultation events are unrepresentative of public opinion | 10 | 40 | 24 | 13 | 2 | 11 | 1 |



## Demographics

| Gender |  |
| :--- | ---: | ---: |
| Male | 49 |
| Female | 51 |

Exact Age

|  | $\%$ |
| :---: | :---: |
| $16-24$ | 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 $(30+\mathrm{hrs})$ | 45 |
| ---: | :---: |
| - Part-time $(9-29 \mathrm{hrs})$ | 10 |
| Unemployed | 4 |
| Not working - retired | 24 |
| - looking after house children | 9 |
| - invalid $/$ disabled | 3 |
| Student | 6 |
| Other | $*$ |

Class

| A | 4 |
| ---: | :---: |
| B | 20 |
| C 1 | 27 |
| C 2 | 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

| A | E-mail at home | 51 |
| :--- | ---: | :---: |
| B | E-mail at work, place of <br> studv or elsewhere | 29 |
| C | Internet at home | 51 |
| DInternet at work, place of <br> studv or elsewhere | 30 |  |
| EPC, laptop or notebook at <br> home | 50 |  |
| FPC, laptop or notebook at <br> work, place of study or <br> elsewhere | 28 |  |
| GInteractive 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

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

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


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

| 硅 | \% |
| :---: | :---: |
| A Daily Express | 6 |
| B Dailv Mail | 15 |
| C The Mirror | 11 |
| D Dailv Record | 3 |
| E_ Daily Telegraph | 6 |
| F Financial Times | 1 |
| G_The Guardian | 6 |
| H - The Herald (Glasgow) | * |
| The Independent | 4 |
| Metro | 4 |
| K The Scotsman | 1 |
| L Daily Star | 4 |
| M The Sun | 15 |
| $\mathrm{N} \quad$ The Times | 7 |
| O Evening Standard | 3 |
| Other | 9 |
| None of these | 35 |

SHOWCARD FF And which of these Sunday newspapers 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 Sundav Express | 4 |
| C Sunday Mail (Scotland only) | 4 |
| D Sundav Mirror | 7 |
| E Sunday Post | 2 |
| F The Sundav Telegraph | 4 |
| G The Mail on Sundav | 12 |
| H The Observer | 4 |
| Sunday People | 4 |
| The Sunday Times | 8 |
| $\mathrm{K} \quad$ Scotland on Sundav | 1 |
| $L$ The Independent on Sundav | 2 |
| M Sunday Business | * |
| N Sunday Herald | * |
| Other | 3 |
| None of the | 45 |


[^0]:    ${ }^{1}$ None of these' has been added.

