

# **THE ALSPAC STUDY**

## **CCG FILE**

### **DATA COLLECTED FROM THE QUESTIONNAIRE**

*Rings and Things*

**At 122 Months**

**Prepared by**

**The ALSPAC Study Team**

**Documentation giving frequencies, background and instructions for use.**

**Last updated for version 1c of the release file.**

**April 2017**

**© University of Bristol**

# Contents

Introduction		Page 3
Section A	Mobile phones	
	Text	Page 9
	Frequencies	Page 12
Section B	Jewellery	
	Text	Page 19
	Frequencies	Page 26
Section C		Page 38
Appendix A	General Coding Instructions	Page 41
Appendix B	Specific Coding Instructions	Page 45
Appendix C	Questionnaire Methodology	Page 49

## Introduction

### Contents

This questionnaire was sent out to study children when they were 122 months old. It is in 3 sections. Section A asks the respondent about mobile phone usage, side effects of usage and the type of phone used. Section B asks about both pierced and clip-on earrings and other jewellery. Section C collects the usual "back page" information on who completed the questionnaire and when.

### Questionnaire versions

There was one version of this questionnaire.

### Sample & response rates

There are a total of 15,225 records on this built file. This number is made up of the 14,676 fetuses in the core ALSPAC sample (regardless of whether or not the 122-month questionnaire was sent out for them or whether they were returned) plus 549 eligible children not in the core sample for whom the questionnaires were sent out. Note that this questionnaire was completed for 393 of these 549 children not in the core sample.

Of the 14,676 fetuses in the core ALSPAC sample, 14,062 were live born. The 122-month questionnaire was sent out for 10,837 (77%) of these live born children. As of 30<sup>th</sup> April 2008 completed questionnaires had been returned for 7,931 (73%) of these children, which is 56% of the 14,062 live born children. Note that 6 of these questionnaires belong to children from triplet or quadruplet pregnancies. For reasons of confidentiality the data from these questionnaires are not available (all variables have been set to -11), but the administrative variables (CCG001 – CCG007a) remain visible, with CCG007a set to 2 "No". For further information on the ALSPAC sample, please see section 5 of the "Guide to ALSPAC data" which can be found in the "Collaborator Pack" on the ALSPAC documentation CD.

### Format of this documentation

The bulk of this documentation consists of the text of the questionnaire and frequency tables of the variables on the data file. These are inserted section by section after the relevant text. Where any editing has occurred a description has been embedded in the questionnaire text.

### Release file version history

#### Release version 1a – June 2008

The first version of the release file.

#### Release version 1b – October 2008

This version of the release file removes triplets/quadruplets for confidentiality reasons.

#### Release version 1c – April 2017

Variable label for ccg010b changed from 'Date of receipt of questionnaire – month' to 'Date of receipt of questionnaire - year'.

## Administrative variables

### ccg001 Questionnaire sent

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	11386	74.8	74.8	74.8
No	3839	25.2	25.2	100.0
Total	15225	100.0	100.0	

### ccg002 Reminder sent

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	6177	40.6	54.3	54.3
No	5209	34.2	45.7	100.0
Total	11386	74.8	100.0	
Missing Questionnaire not sent	3839	25.2		
Total	15225	100.0		

### ccg005 Questionnaire return status (as of 30/04/08)

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Not returned	3036	19.9	26.7	26.7
Returned, completed	8324	54.7	73.1	99.8
Returned, blank	26	.2	.2	100.0
Total	11386	74.8	100.0	
Missing Questionnaire not sent	3839	25.2		
Total	15225	100.0		

### ccg006 Questionnaire returned (as of 30/04/08)

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	8350	54.8	73.3	73.3
No	3036	19.9	26.7	100.0
Total	11386	74.8	100.0	
Missing Questionnaire not sent	3839	25.2		
Total	15225	100.0		

### ccg007 Questionnaire completed (as of 30/04/08)

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	8324	54.7	73.1	73.1
No	3062	20.1	26.9	100.0
Total	11386	74.8	100.0	
Missing Questionnaire not sent	3839	25.2		
Total	15225	100.0		

### ccg007a Data available (as of 30/04/08)

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid Yes	8318	54.6	54.6	54.6
No	6907	45.4	45.4	100.0
Total	15225	100.0	100.0	

## CCG File - Introduction

### ccg008 Questionnaire version

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Version 1 - 18/09/01	8318	54.6	100.0	100.0
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	Total	6907	45.4		
Total		15225	100.0		

### ccg010a Date of receipt of questionnaire - month

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	January	1273	8.4	15.3	15.3
	February	766	5.0	9.2	24.5
	March	672	4.4	8.1	32.6
	April	480	3.2	5.8	38.4
	May	465	3.1	5.6	44.0
	June	393	2.6	4.7	48.7
	July	481	3.2	5.8	54.5
	August	422	2.8	5.1	59.5
	September	466	3.1	5.6	65.1
	October	491	3.2	5.9	71.0
	November	1332	8.7	16.0	87.1
	December	1077	7.1	12.9	100.0
	Total	8318	54.6	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	Total	6907	45.4		
Total		15225	100.0		

### ccg010b Date of receipt of questionnaire - year

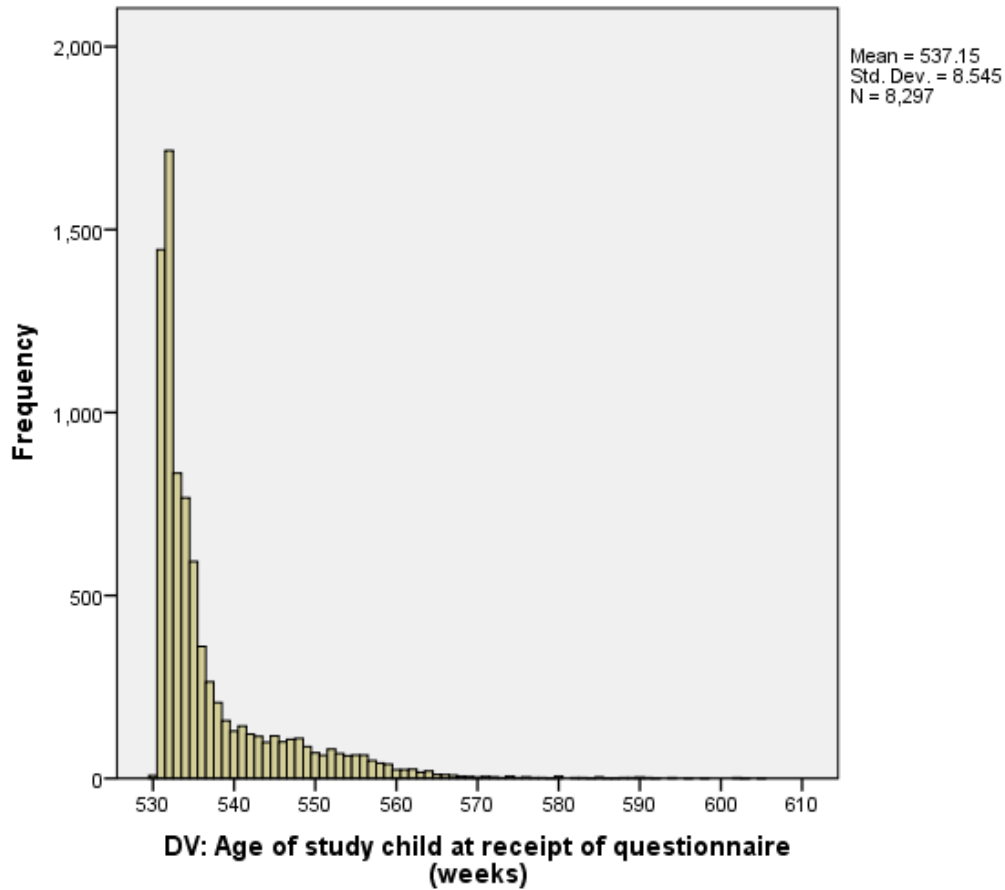
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2001	1751	11.5	21.1	21.1
	2002	5286	34.7	63.5	84.6
	2003	1269	8.3	15.3	99.9
	2004	7	.0	.1	99.9
	2005	3	.0	.0	100.0
	2006	1	.0	.0	100.0
	2007	1	.0	.0	100.0
	Total	8318	54.6	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	Total	6907	45.4		
Total		15225	100.0		

**Derived Variables - Age at Receipt**

The date of receipt and the children's dates of birth from ALSPAC's central database, were used to calculate the child's age at receipt in completed weeks and completed months. This is provided in place of the more usual age at completion because no date of completion was obtained from the children.

**ccg011a DV: Age of study child at receipt of questionnaire (months)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	120	2	.0	.0	.0
	121	2	.0	.0	.0
	122	4620	30.3	55.5	55.6
	123	1628	10.7	19.6	75.2
	124	570	3.7	6.9	82.0
	125	469	3.1	5.6	87.7
	126	355	2.3	4.3	91.9
	127	292	1.9	3.5	95.4
	128	171	1.1	2.1	97.5
	129	92	.6	1.1	98.6
	130	32	.2	.4	99.0
	131	16	.1	.2	99.2
	132	14	.1	.2	99.3
	133	10	.1	.1	99.5
	134	10	.1	.1	99.6
	135	8	.1	.1	99.7
	136	4	.0	.0	99.7
	137	2	.0	.0	99.7
	138	3	.0	.0	99.8
	139	1	.0	.0	99.8
	140	3	.0	.0	99.8
	141	2	.0	.0	99.9
	142	1	.0	.0	99.9
	143	1	.0	.0	99.9
	144	1	.0	.0	99.9
	145	1	.0	.0	99.9
	146	2	.0	.0	99.9
	149	2	.0	.0	100.0
	152	1	.0	.0	100.0
	155	1	.0	.0	100.0
	167	1	.0	.0	100.0
	173	1	.0	.0	100.0
	Total	8318	54.6	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	Total	6907	45.4		
Total		15225	100.0		

**ccg011b DV: Age of study child at receipt of questionnaire (weeks)**

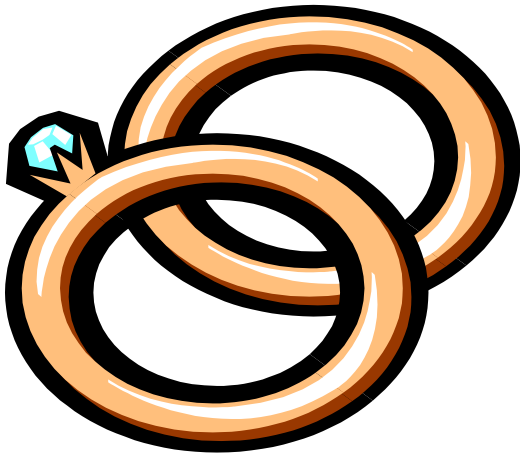
plus the following outliers <530 or > 605:

**ccg011b DV: Age of study child at receipt of questionnaire (weeks)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	524	1	4.8	4.8	4.8
	525	1	4.8	4.8	9.5
	527	1	4.8	4.8	14.3
	529	1	4.8	4.8	19.0
	608	1	4.8	4.8	23.8
	611	1	4.8	4.8	28.6
	612	1	4.8	4.8	33.3
	613	2	9.5	9.5	42.9
	618	1	4.8	4.8	47.6
	624	1	4.8	4.8	52.4
	629	1	4.8	4.8	57.1
	632	1	4.8	4.8	61.9
	636	2	9.5	9.5	71.4
	648	1	4.8	4.8	76.2
	649	1	4.8	4.8	81.0
	662	1	4.8	4.8	85.7
	674	1	4.8	4.8	90.5
	727	1	4.8	4.8	95.2
	756	1	4.8	4.8	100.0
Total		21	100.0	100.0	

Questionnaire No:

--	--	--	--	--	--	--	--	--



Rings

and

Things





## PAGE 2 OF THE QUESTIONNAIRE

**Section A: Mobile phones**

A lot of people have their own mobile phones these days and always carry them with them. Some people just borrow them occasionally.

These questions ask about using a mobile phone even if you do not have one of your own.

A1. Have you ever used a mobile phone?

Yes

No



If no, go to Section B on page 5

If yes,

Whose mobile phone have you used?

	Yes	No
a) a friend's	<input type="text"/>	<input type="text"/>
b) brother or sister's	<input type="text"/>	<input type="text"/>
c) parent's	<input type="text"/>	<input type="text"/>
d) your very own	<input type="text"/>	<input type="text"/>
e) someone else's	<input type="text"/>	<input type="text"/>

A2. How old were you when you first used a mobile phone?

years old (please guess as near as you can)

A3. How long altogether do you usually use a mobile phone now?

	Not at all	Less than 15 minutes	15-30 minutes	more than 30 minutes
a) on a school day	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
b) on a weekend day	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

## PAGE 3 OF THE QUESTIONNAIRE

A4. How many different calls do you usually receive or make on your mobile (**don't include** text messages)?

	None	1 or 2	3 or 4	5 or 6	7 or more
a) on a school day	<div>1</div>	<div>2</div>	<div>3</div>	<div>4</div>	<div>5</div>
b) on a weekend day	<div>1</div>	<div>2</div>	<div>3</div>	<div>4</div>	<div>5</div>

A5. Do you send and receive text messages?

Yes 

1

      No 

2

 → If **no**, go to A6 below

If **yes**, about how many texts do you send?

	None	1 or 2	3 or 4	5 or 6	7 or more
a) on a school day	<div>1</div>	<div>2</div>	<div>3</div>	<div>4</div>	<div>5</div>
b) on a weekend day	<div>1</div>	<div>2</div>	<div>3</div>	<div>4</div>	<div>5</div>



A6. Where do you **usually** carry the phone?

on a belt	<div>1</div>	
in your pocket	<div>2</div>	
in a bag	<div>3</div>	
somewhere else	<div>4</div>	→ where? .....
don't carry it around	<div>5</div>	

## PAGE 4 OF THE QUESTIONNAIRE

A7. Have you noticed any of these while you were speaking on the phone for a long time?

	Yes	No
a) Ear felt hot	<div><div>1</div></div>	<div><div>2</div></div>
b) Side of head felt hot	<div><div>1</div></div>	<div><div>2</div></div>
c) Felt dizzy	<div><div>1</div></div>	<div><div>2</div></div>
d) Got a headache	<div><div>1</div></div>	<div><div>2</div></div>
e) Got a sore throat	<div><div>1</div></div>	<div><div>2</div></div>
f) Felt very tired	<div><div>1</div></div>	<div><div>2</div></div>
g) Pain in your arm	<div><div>1</div></div>	<div><div>2</div></div>
h) Anything else (please tell us) .....	<div><div>1</div></div>	<div><div>2</div></div>

.....

A8. a) Which of the following mobile phones do you use mostly?

Motorola	<div><div>1</div></div>	Siemens	<div><div>5</div></div>
Sony	<div><div>2</div></div>	Samsung	<div><div>6</div></div>
Nokia	<div><div>3</div></div>	Other (please tell us what the name is)	
Ericsson	<div><div>4</div></div>	.....	<div><div>7</div></div>

b) Which model is your phone? (There may be a model number written on the front. Have a look and tell us what it is.) .....

A9. Which network system (provider) does your mobile phone use?

Vodafone	<div><div>1</div></div>	One2One or Virgin	<div><div>4</div></div>
BT Cellnet	<div><div>2</div></div>	Other (please tell us which name)	<div><div>5</div></div>
Orange	<div><div>3</div></div>	.....	

# CCG File – Section A

## ccg100 A1: Child has used a mobile phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	7029	46.2	85.4	85.4
	No	1204	7.9	14.6	100.0
	Total	8233	54.1	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	85	.6		
	Total	6992	45.9		
Total		15225	100.0		

## ccg101 A1a: Child has used a friend's mobile phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	1479	9.7	40.0	40.0
	No	2218	14.6	60.0	100.0
	Total	3697	24.3	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	4621	30.4		
	Total	11528	75.7		
Total		15225	100.0		

## ccg102 A1b: Child has used a brother or sister's mobile phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	1730	11.4	44.6	44.6
	No	2152	14.1	55.4	100.0
	Total	3882	25.5	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	4436	29.1		
	Total	11343	74.5		
Total		15225	100.0		

## ccg103 A1c: Child has used their parents mobile phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	5538	36.4	93.8	93.8
	No	363	2.4	6.2	100.0
	Total	5901	38.8	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2417	15.9		
	Total	9324	61.2		
Total		15225	100.0		

# CCG File – Section A

## ccg104 A1d: Child has used their own mobile phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	2233	14.7	50.8	50.8
	No	2161	14.2	49.2	100.0
	Total	4394	28.9	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	3924	25.8		
	Total	10831	71.1		
Total		15225	100.0		

## ccg105 A1e: Child has used someone else's mobile phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	1102	7.2	32.1	32.1
	No	2326	15.3	67.9	100.0
	Total	3428	22.5	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	4890	32.1		
	Total	11797	77.5		
Total		15225	100.0		

## ccg110 A2: Age of child when they first used mobile phone

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1	.0	.0	.0
	2	4	.0	.1	.1
	3	5	.0	.1	.1
	4	22	.1	.3	.5
	5	54	.4	.8	1.2
	6	147	1.0	2.1	3.3
	7	574	3.8	8.2	11.6
	8	1656	10.9	23.7	35.3
	9	3312	21.8	47.5	82.8
	10	1196	7.9	17.2	100.0
	11	2	.0	.0	100.0
	Total	6973	45.8	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	Don't know	4	.0		
	No response	1341	8.8		
	Total	8252	54.2		
Total		15225	100.0		

## CCG File – Section A

**ccg120 A3a: How long child uses a mobile phone for on a school day**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not at all	4247	27.9	65.6	65.6
	Less than 15 minutes	1945	12.8	30.0	95.6
	15-30 minutes	204	1.3	3.2	98.8
	More than 30 minutes	79	.5	1.2	100.0
	Total	6475	42.5	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	1843	12.1		
	Total	8750	57.5		
Total		15225	100.0		

**ccg121 A3b: How long child uses a mobile phone for on a weekend day**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not at all	1849	12.1	27.0	27.0
	Less than 15 minutes	4024	26.4	58.8	85.9
	15-30 minutes	669	4.4	9.8	95.7
	More than 30 minutes	296	1.9	4.3	100.0
	Total	6838	44.9	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	1480	9.7		
	Total	8387	55.1		
Total		15225	100.0		

**ccg130 A4a: Number of different calls not including texts child makes on a school day**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	None	5102	33.5	78.6	78.6
	1 or 2	1184	7.8	18.3	96.9
	3 or 4	147	1.0	2.3	99.2
	5 or 6	31	.2	.5	99.6
	7 or more	23	.2	.4	100.0
	Total	6487	42.6	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	1831	12.0		
	Total	8738	57.4		
Total		15225	100.0		

# CCG File – Section A

## ccg131 A4b: Number of different calls not including texts child makes on a weekend day

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	None	3653	24.0	54.8	54.8
	1 or 2	2248	14.8	33.7	88.5
	3 or 4	536	3.5	8.0	96.5
	5 or 6	147	1.0	2.2	98.7
	7 or more	84	.6	1.3	100.0
	Total	6668	43.8	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	1650	10.8		
	Total	8557	56.2		
Total		15225	100.0		

## ccg140 A5: Child sends and receives text messages

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	2608	17.1	38.0	38.0
	No	4253	27.9	62.0	100.0
	Total	6861	45.1	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	1457	9.6		
	Total	8364	54.9		
Total		15225	100.0		

## ccg141 A5a: Number of texts child sends on a school day

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	None	1300	8.5	49.1	49.1
	1 or 2	1049	6.9	39.6	88.6
	3 or 4	208	1.4	7.8	96.5
	5 or 6	58	.4	2.2	98.7
	7 or more	35	.2	1.3	100.0
	Total	2650	17.4	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	5668	37.2		
	Total	12575	82.6		
Total		15225	100.0		

# CCG File – Section A

**ccg142 A5b: Number of texts child sends on a weekend day**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	None	289	1.9	10.6	10.6
	1 or 2	1532	10.1	56.2	66.8
	3 or 4	547	3.6	20.1	86.8
	5 or 6	226	1.5	8.3	95.1
	7 or more	133	.9	4.9	100.0
	Total	2727	17.9	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	5591	36.7		
	Total	12498	82.1		
Total		15225	100.0		

**ccg150 A6: Where child usually carries the phone**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	On a belt	111	.7	1.7	1.7
	In their pocket	1523	10.0	23.4	25.1
	In a bag	964	6.3	14.8	39.9
	Somewhere else	162	1.1	2.5	42.4
	Don't carry it around	3751	24.6	57.6	100.0
	Total	6511	42.8	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	1807	11.9		
	Total	8714	57.2		
Total		15225	100.0		

**ccg160 A7a: Child noticed their ear felt hot after speaking on the phone for a long time**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	1060	7.0	18.4	18.4
	No	4697	30.9	81.6	100.0
	Total	5757	37.8	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2561	16.8		
	Total	9468	62.2		
Total		15225	100.0		

**ccg161 A7b: Child noticed the side of their head felt hot after speaking on the phone for a long time**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	345	2.3	6.3	6.3
	No	5164	33.9	93.7	100.0
	Total	5509	36.2	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2809	18.4		
	Total	9716	63.8		
Total		15225	100.0		



# CCG File – Section A

## ccg162 A7c: Child noticed they felt dizzy after speaking on the phone for a long time

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	316	2.1	5.7	5.7
	No	5213	34.2	94.3	100.0
	Total	5529	36.3	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2789	18.3		
	Total	9696	63.7		
Total		15225	100.0		

## ccg163 A7d: Child noticed they got a headache after speaking on the phone for a long time

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	582	3.8	10.4	10.4
	No	4999	32.8	89.6	100.0
	Total	5581	36.7	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2737	18.0		
	Total	9644	63.3		
Total		15225	100.0		

## ccg164 A7e: Child noticed they got a sore throat after speaking on the phone for a long time

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	246	1.6	4.5	4.5
	No	5235	34.4	95.5	100.0
	Total	5481	36.0	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2837	18.6		
	Total	9744	64.0		
Total		15225	100.0		

## ccg165 A7f: Child noticed they felt very tired after speaking on the phone for a long time

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	497	3.3	9.0	9.0
	No	5031	33.0	91.0	100.0
	Total	5528	36.3	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2790	18.3		
	Total	9697	63.7		
Total		15225	100.0		

## CCG File – Section A

### ccg166 A7g: Child noticed pain in their arm after speaking on the phone for a long time

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	1068	7.0	18.8	18.8
	No	4598	30.2	81.2	100.0
	Total	5666	37.2	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2652	17.4		
	Total	9559	62.8		
Total		15225	100.0		

### ccg167 A7h: Child noticed another effect after speaking on the phone for a long time

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	184	1.2	3.9	3.9
	No	4593	30.2	96.1	100.0
	Total	4777	31.4	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	3541	23.3		
	Total	10448	68.6		
Total		15225	100.0		

### ccg170 A8a: Brand of mobile phone child uses most

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Motorola	789	5.2	12.9	12.9
	Sony	55	.4	.9	13.8
	Nokia	3490	22.9	56.9	70.6
	Ericsson	199	1.3	3.2	73.9
	Siemens	168	1.1	2.7	76.6
	Samsung	28	.2	.5	77.1
	Other	1406	9.2	22.9	100.0
	Total	6135	40.3	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2183	14.3		
	Total	9090	59.7		
Total		15225	100.0		

### ccg180 A9: Network system (provider) child's mobile uses

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Vodafone	1438	9.4	24.4	24.4
	BT Cellnet	980	6.4	16.6	41.0
	Orange	2263	14.9	38.3	79.3
	One2One or Virgin	696	4.6	11.8	91.1
	Other	525	3.4	8.9	100.0
	Total	5902	38.8	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2416	15.9		
	Total	9323	61.2		
Total		15225	100.0		

## PAGE 5 OF THE QUESTIONNAIRE

**Section B: Jewellery**

First some questions about earrings. Both boys and girls sometimes have their ears pierced these days.

B1. a) Have you ever had your ears pierced?

Yes

No

→ If **no**, go to question B3c on page 6

If **yes**,

b) How many holes have you had pierced in your ears altogether?

c) How old were you when you first had your ear(s) pierced?

years (for example, if you were 7 years old, write 07)

B2. a) After taking your earring(s) out, have your ear lobes ever felt that there were little lumps in them where the earrings go in?

Yes

No

→ If **no**, go to question B3a below

If **yes**,

b) When have there been lumps like this? (**you can tick more than one box**)

i) Just after they were pierced  
(when they were settling down)

ii) Only sometimes

iii) Most of the time

B3. a) How often do you wear **pierced earrings**? **Tick only one box**

Most of the time

A few days a week

Only at weekends and holidays

Not often (less than once a week)

Not at all

→ If **not at all** go to B3c on page 6

## PAGE 6 OF THE QUESTIONNAIRE

B3. b) When you wear them, do you have them on during the day and at night (when you are asleep)?

daytime only

night time only  
(when in bed)

both day and night

c) How often do you wear **clip-on earrings**? **Tick only one box**

Most of the time

A few days a week

Only at weekends and holidays

Not often (less than once a week)

Not at all

d) How often do you wear **ear cuffs**? **Tick only one box**

Most of the time

A few days a week

Only at weekends and holidays

Not often (less than once a week)

Not at all



## PAGE 7 OF THE QUESTIONNAIRE

- B4. If you wear earrings at all (pierced, clip-on, or ear cuffs), please tell us what sorts you wear. If you are not sure, please ask a grown-up.

Don't forget the back of your earrings could be made of something different than the front.

**Please tick as many boxes as you need to:**

- |    |                               |                          |   |
|----|-------------------------------|--------------------------|---|
| a) | real gold or gold-plated      | <input type="checkbox"/> | → please tell us what you think they are made of: |
| b) | real silver or silver-plated  | <input type="checkbox"/> |   |
| c) | gold or silver coloured metal | <input type="checkbox"/> |   |
| d) | plastic                       | <input type="checkbox"/> |   |
| e) | something else (please tick)  | <input type="checkbox"/> |   |

.....

- B5. Are you allowed to wear earrings at school?

Yes ☐ No ☐

- B6. a) Do you have any favourite earrings?

Yes ☐ No ☐

**If yes,**

- b) What are they like?

.....

- B7. a) Have you ever had a rash on your ears, or sore or itchy ears after wearing any sort of earrings or ear cuffs?

Yes ☐ No ☐ → **If no, go to B8 on page 9**

## PAGE 8 OF THE QUESTIONNAIRE

B7. b) When have your ears felt sore or itchy?

(i) just after they were pierced

(ii) sometimes with pierced earrings

most of the time with pierced earrings

(iii) sometimes with clip-on earrings or cuffs

most of the time with clip-on earrings or cuffs

c) What happens? (you can tick more than one box)

(i) feel sore

(ii) feel itchy

(iii) have a rash

(iv) something else



please describe .....

.....

d) Have you ever stopped wearing earrings because your ears were sore or itchy?

Yes

No



## PAGE 9 OF THE QUESTIONNAIRE

**Here are some questions about other jewellery (not watches) you might wear:**

B8. How often do you wear:

	Most of the time	Only at weekends & holidays	A few days a week	Less than once a week	Not at all
a) necklaces or neck chains or chokers	<div><div>1</div></div>	<div><div>2</div></div>	<div><div>3</div></div>	<div><div>4</div></div>	<div><div>5</div></div>
b) rings or toe rings	<div><div>1</div></div>	<div><div>2</div></div>	<div><div>3</div></div>	<div><div>4</div></div>	<div><div>5</div></div>
c) things on your arms (other than watches) for example, wristbands or bracelets	<div><div>1</div></div>	<div><div>2</div></div>	<div><div>3</div></div>	<div><div>4</div></div>	<div><div>5</div></div>
d) ankle chains	<div><div>1</div></div>	<div><div>2</div></div>	<div><div>3</div></div>	<div><div>4</div></div>	<div><div>5</div></div>
e) badges or brooches	<div><div>1</div></div>	<div><div>2</div></div>	<div><div>3</div></div>	<div><div>4</div></div>	<div><div>5</div></div>
f) things in your hair, for example, hair jewels or hair slides	<div><div>1</div></div>	<div><div>2</div></div>	<div><div>3</div></div>	<div><div>4</div></div>	<div><div>5</div></div>
g) anything else Please tick and tell us what:	<div><div>1</div></div>	<div><div>2</div></div>	<div><div>3</div></div>	<div><div>4</div></div>	<div><div>5</div></div>

.....

B9. a) Have you ever had a rash on your skin or has it been sore or itchy after wearing jewellery (**don't count earrings**)

Yes 

1

No 

2



If **no**, please go to B10 on page 10



## PAGE 10 OF THE QUESTIONNAIRE

If yes,B9. b) How often has this happened? **Please tick only one box.**

only once

☐

sometimes

☐

lots of times

☐

B10. Space for you to write about the jewellery you wear.

.....

.....

.....

.....

.....

**Other body decoration:**

B11. a) Do you ever write or draw or stick things on your skin?

Yes ☐No ☐If no, go to C1 on page 12If yes,

b) Tell us what you do:

	<b>Yes</b>	<b>No</b>
i) write or draw on your skin with pens, (for example, to remember something)	<input type="checkbox"/> 1	<input type="checkbox"/> 2
ii) write or draw on your skin with something else. Please say what it is: .....	<input type="checkbox"/> 1	<input type="checkbox"/> 2
iii) put stickers or pretend jewels on your skin	<input type="checkbox"/> 1	<input type="checkbox"/> 2
iv) use pretend tattoos on your skin	<input type="checkbox"/> 1	<input type="checkbox"/> 2
v) use body or face glitter	<input type="checkbox"/> 1	<input type="checkbox"/> 2
vi) something else, please tell us what: .....	<input type="checkbox"/> 1	<input type="checkbox"/> 2



PAGE 11 OF THE QUESTIONNAIRE

- B12. a) Have you ever had a rash, or sore or itchy skin after drawing or sticking things on your skin?

Yes ☐

No ☐

If yes,

- b) can you remember what happened and then tell us?

.....

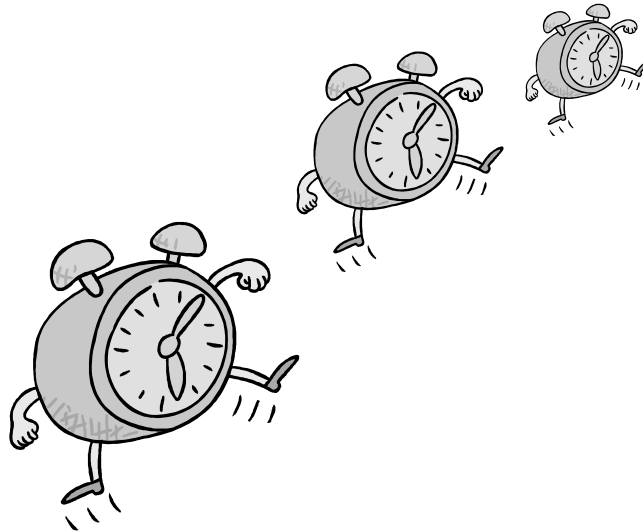
.....

.....

.....

.....

.....



Thank you for all the time you  
spent filling in this questionnaire  
for Children of the 90s.  
Just one more page to go!

# CCG File – Section B

## ccg200 B1a: Child has ever had their ears pierced

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	3168	20.8	38.5	38.5
	No	5055	33.2	61.5	100.0
	Total	8223	54.0	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	95	.6		
	Total	7002	46.0		
Total		15225	100.0		

## ccg201 B1b: Number of holes the child has had pierced in their ears altogether

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	23	.2	.7	.7
	1	921	6.0	29.2	29.9
	2	1866	12.3	59.1	89.0
	3	88	.6	2.8	91.7
	4	196	1.3	6.2	97.9
	5	39	.3	1.2	99.2
	6	9	.1	.3	99.5
	7	10	.1	.3	99.8
	8	2	.0	.1	99.8
	9	1	.0	.0	99.9
	11	2	.0	.1	99.9
	12	1	.0	.0	100.0
	20	1	.0	.0	100.0
	Total	3159	20.7	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	5159	33.9		
	Total	12066	79.3		
Total		15225	100.0		

## ccg202 B1c: Age of child when they first had their ears pierced

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	148	1.0	4.7	4.7
	1	130	.9	4.1	8.8
	2	90	.6	2.9	11.7
	3	132	.9	4.2	15.8
	4	152	1.0	4.8	20.7
	5	294	1.9	9.3	30.0
	6	328	2.2	10.4	40.4
	7	573	3.8	18.2	58.5
	8	542	3.6	17.2	75.7
	9	511	3.4	16.2	91.9
	10	256	1.7	8.1	100.0
Missing	Total	3156	20.7	100.0	
	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	Don't know	1	.0		
	No response	5161	33.9		
	Total	12069	79.3		
Total		15225	100.0		

# CCG File – Section B

## ccg210 B2a: After taking their earrings out child has felt little lumps where they go in

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	1856	12.2	59.4	59.4
	No	1268	8.3	40.6	100.0
	Total	3124	20.5	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	5194	34.1		
	Total	12101	79.5		
Total		15225	100.0		

## ccg211 B2b1: The child has felt lumps in their ears just after they were pierced

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	516	3.4	100.0	100.0
	Triplet / quadruplet	6	.0		
Missing	Not completed	6901	45.3		
	No response	7802	51.2		
	Total	14709	96.6		
Total		15225	100.0		

## ccg212 B2b2: The child has felt lumps in their ears only sometimes

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	965	6.3	100.0	100.0
	Triplet / quadruplet	6	.0		
Missing	Not completed	6901	45.3		
	No response	7353	48.3		
	Total	14260	93.7		
Total		15225	100.0		

## ccg213 B2b3: The child has felt lumps in their ears most of the time

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	589	3.9	100.0	100.0
	Triplet / quadruplet	6	.0		
Missing	Not completed	6901	45.3		
	No response	7729	50.8		
	Total	14636	96.1		
Total		15225	100.0		

# CCG File – Section B

## ccg220 B3a: Frequency child wears pierced earrings

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Most of the time	2095	13.8	63.3	63.3
	A few days a week	182	1.2	5.5	68.8
	Only at weekends and holidays	111	.7	3.4	72.2
	Not often/less than once a week	295	1.9	8.9	81.1
	Not at all	626	4.1	18.9	100.0
	Total	3309	21.7	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	5009	32.9		
	Total	11916	78.3		
Total		15225	100.0		

## ccg221 B3b: Times child wears earrings during the day and night

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Daytime only	363	2.4	13.2	13.2
	Night time only/when in bed	17	.1	.6	13.9
	Both day and night	2362	15.5	86.1	100.0
	Total	2742	18.0	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	5576	36.6		
	Total	12483	82.0		
Total		15225	100.0		

## ccg222 B3c: Frequency child wears clip-on earrings

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Most of the time	57	.4	.7	.7
	A few days a week	29	.2	.4	1.1
	Only at weekends and holidays	83	.5	1.0	2.1
	Not often/less than once a week	449	2.9	5.6	7.7
	Not at all	7424	48.8	92.3	100.0
	Total	8042	52.8	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	276	1.8		
	Total	7183	47.2		
Total		15225	100.0		

## CCG File – Section B

### ccg223 B3d: Frequency child wears ear cuffs

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Most of the time	34	.2	.4	.4
	A few days a week	24	.2	.3	.7
	Only at weekends and holidays	55	.4	.7	1.4
	Not often/less than once a week	251	1.6	3.2	4.6
	Not at all	7571	49.7	95.4	100.0
	Total	7935	52.1	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	383	2.5		
	Total	7290	47.9		
Total		15225	100.0		

### ccg230 B4a: Child wears real gold or gold plated earrings

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	2507	16.5	100.0	100.0
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	5811	38.2		
	Total	12718	83.5		
Total		15225	100.0		

### ccg231 B4b: Child wears real silver or silver plated earrings

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	1225	8.0	100.0	100.0
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	7093	46.6		
	Total	14000	92.0		
Total		15225	100.0		

### ccg232 B4c: Child wears gold or silver coloured metal earrings

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	913	6.0	100.0	100.0
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	7405	48.6		
	Total	14312	94.0		
Total		15225	100.0		

### ccg233 B4d: Child wears plastic earrings

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	311	2.0	100.0	100.0
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	8007	52.6		
	Total	14914	98.0		
Total		15225	100.0		

## CCG File – Section B

### ccg234 B4e: Child wears earrings made of something else

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	168	1.1	100.0	100.0
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	8150	53.5		
	Total	15057	98.9		
Total		15225	100.0		

### ccg240 B5: Child is allowed to wear earrings at school

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	5411	35.5	74.7	74.7
	No	1833	12.0	25.3	100.0
	Total	7244	47.6	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	1074	7.1		
	Total	7981	52.4		
Total		15225	100.0		

### ccg250 B6a: Child has favourite earrings

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	2117	13.9	31.0	31.0
	No	4713	31.0	69.0	100.0
	Total	6830	44.9	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	1488	9.8		
	Total	8395	55.1		
Total		15225	100.0		

### ccg260 B7a: Child has ever had a rash on their ears or sore and itchy ears after wearing earrings or ear cuffs

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	1569	10.3	22.9	22.9
	No	5276	34.7	77.1	100.0
	Total	6845	45.0	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	1473	9.7		
	Total	8380	55.0		
Total		15225	100.0		

# CCG File – Section B

## ccg261 B7b1: Child's ears felt sore or itchy just after their ears were pierced

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	632	4.2	100.0	100.0
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	7686	50.5		
	Total	14593	95.8		
Total		15225	100.0		

## ccg262 B7b2: Frequency child's ears feel sore or itchy with pierced earrings

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Sometimes	784	5.1	85.5	85.5
	Most of the time	133	.9	14.5	100.0
	Total	917	6.0	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	7401	48.6		
	Total	14308	94.0		
Total		15225	100.0		

## ccg263 B7b3: Frequency child's ears feel sore or itchy with clip-on earrings or cuffs

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Sometimes	172	1.1	61.6	61.6
	Most of the time	107	.7	38.4	100.0
	Total	279	1.8	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	8039	52.8		
	Total	14946	98.2		
Total		15225	100.0		

## ccg264 B7c1: Child's ears feel sore

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	906	6.0	100.0	100.0
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	7412	48.7		
	Total	14319	94.0		
Total		15225	100.0		

## ccg265 B7c2: Child's ears feel itchy

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	993	6.5	100.0	100.0
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	7325	48.1		
	Total	14232	93.5		
Total		15225	100.0		

## CCG File – Section B

### ccg266 B7c3: Child's ears have a rash

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	160	1.1	100.0	100.0
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	8158	53.6		
	Total	15065	98.9		
Total		15225	100.0		

### ccg167 B7c4: Child's ears have been affected in another way

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	280	1.8	100.0	100.0
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	8038	52.8		
	Total	14945	98.2		
Total		15225	100.0		

### ccg169 B7d: Child has stopped wearing earrings because their ears were sore or itchy

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	911	6.0	51.7	51.7
	No	851	5.6	48.3	100.0
	Total	1762	11.6	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	6556	43.1		
	Total	13463	88.4		
Total		15225	100.0		

### ccg280 B8a: Frequency child wears necklaces/neck chains/chokers

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Most of the time	828	5.4	10.2	10.2
	Only at weekends & holidays	1744	11.5	21.5	31.6
	A few days a week	811	5.3	10.0	41.6
	Less than once a week	1937	12.7	23.8	65.5
	Not at all	2808	18.4	34.5	100.0
	Total	8128	53.4	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	190	1.2		
	Total	7097	46.6		
Total		15225	100.0		



## CCG File – Section B

### ccg281 B8b: Frequency child wears rings or toe rings

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Most of the time	720	4.7	8.9	8.9
	Only at weekends & holidays	795	5.2	9.9	18.8
	A few days a week	458	3.0	5.7	24.5
	Less than once a week	1194	7.8	14.8	39.3
	Not at all	4895	32.2	60.7	100.0
	Total	8062	53.0	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	Text response	1	.0		
	No response	255	1.7		
	Total	7163	47.0		
Total		15225	100.0		

### ccg282 B8c: Frequency child wears things on their arms other than watches

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Most of the time	800	5.3	9.9	9.9
	Only at weekends & holidays	993	6.5	12.3	22.3
	A few days a week	721	4.7	9.0	31.3
	Less than once a week	1552	10.2	19.3	50.6
	Not at all	3977	26.1	49.4	100.0
	Total	8043	52.8	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	275	1.8		
	Total	7182	47.2		
Total		15225	100.0		

### ccg283 B8d: Frequency child wears ankle chains

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Most of the time	209	1.4	2.6	2.6
	Only at weekends & holidays	363	2.4	4.5	7.1
	A few days a week	167	1.1	2.1	9.2
	Less than once a week	697	4.6	8.7	17.9
	Not at all	6567	43.1	82.1	100.0
	Total	8003	52.6	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	315	2.1		
	Total	7222	47.4		
Total		15225	100.0		

## CCG File – Section B

### ccg284 B8e: Frequency child wears badges or brooches

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Most of the time	197	1.3	2.5	2.5
	Only at weekends & holidays	211	1.4	2.6	5.1
	A few days a week	314	2.1	3.9	9.1
	Less than once a week	1616	10.6	20.3	29.3
	Not at all	5630	37.0	70.7	100.0
	Total	7968	52.3	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	Text response	1	.0		
	No response	349	2.3		
	Total	7257	47.7		
Total		15225	100.0		

### ccg285 B8f: Frequency child wears things in their hair

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Most of the time	1988	13.1	24.9	24.9
	Only at weekends & holidays	203	1.3	2.5	27.4
	A few days a week	802	5.3	10.0	37.4
	Less than once a week	704	4.6	8.8	46.2
	Not at all	4300	28.2	53.8	100.0
	Total	7997	52.5	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	Text response	1	.0		
	No response	320	2.1		
	Total	7228	47.5		
Total		15225	100.0		

### ccg286 B8g: Frequency child wears anything else

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Relevant text but no box ticked	15	.1	.4	.4
	Most of the time	108	.7	2.9	3.3
	Only at weekends & holidays	51	.3	1.4	4.7
	A few days a week	32	.2	.9	5.5
	Less than once a week	34	.2	.9	6.4
	Not at all	3481	22.9	93.6	100.0
	Total	3721	24.4	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	4597	30.2		
	Total	11504	75.6		
Total		15225	100.0		

## CCG File – Section B

### ccg290 B9a: Child has had a rash or sore/itchy skin after wearing jewellery other than earrings

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	1092	7.2	13.9	13.9
	No	6780	44.5	86.1	100.0
	Total	7872	51.7	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	446	2.9		
	Total	7353	48.3		
Total		15225	100.0		

### ccg291 B9b: Frequency child has had a rash or sore/itchy skin after wearing jewellery other than earrings

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Only once	550	3.6	49.3	49.3
	Sometimes	505	3.3	45.3	94.5
	Lots of times	61	.4	5.5	100.0
	Total	1116	7.3	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	7202	47.3		
	Total	14109	92.7		
Total		15225	100.0		

### ccg310 B11a: Child writes/draws/sticks things on their skin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	6144	40.4	75.6	75.6
	No	1982	13.0	24.4	100.0
	Total	8126	53.4	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	192	1.3		
	Total	7099	46.6		
Total		15225	100.0		

### ccg311 B11b1: Child writes or draws on their skin with pens

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	4771	31.3	80.9	80.9
	No	1129	7.4	19.1	100.0
	Total	5900	38.8	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2418	15.9		
	Total	9325	61.2		
Total		15225	100.0		

## CCG File – Section B

### ccg312 B11b2: Child writes or draws on their skin with something else

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	732	4.8	16.2	16.2
	No	3798	24.9	83.8	100.0
	Total	4530	29.8	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	3788	24.9		
	Total	10695	70.2		
Total		15225	100.0		

### ccg314 B11b3: Child puts stickers or pretend jewels on their skin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	2296	15.1	42.8	42.8
	No	3066	20.1	57.2	100.0
	Total	5362	35.2	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2956	19.4		
	Total	9863	64.8		
Total		15225	100.0		

### ccg315 B11b4: Child puts pretend tattoos on their skin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	5116	33.6	85.8	85.8
	No	847	5.6	14.2	100.0
	Total	5963	39.2	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2355	15.5		
	Total	9262	60.8		
Total		15225	100.0		

### ccg316 B11b5: Child uses body or face glitter

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	3055	20.1	54.5	54.5
	No	2554	16.8	45.5	100.0
	Total	5609	36.8	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2709	17.8		
	Total	9616	63.2		
Total		15225	100.0		

# CCG File – Section B

## ccg317 B11b6: Child uses something else to decorate their skin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	499	3.3	13.1	13.1
	No	3315	21.8	86.9	100.0
	Total	3814	25.1	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	4504	29.6		
	Total	11411	74.9		
Total		15225	100.0		

## ccg320 B12a: Child has had a rash or sore or itchy skin after drawing or sticking things on it

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes	815	5.4	13.0	13.0
	No	5455	35.8	87.0	100.0
	Total	6270	41.2	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	2048	13.5		
	Total	8955	58.8		
Total		15225	100.0		

## PAGE 12 OF THE QUESTIONNAIRE

**Section C:**

C1. I am a boy

I am a girl



[Note: The variable for this response is presented as reported so contains missing values and inaccuracies. For the true sex of the child variable KZ021 should be used.]

**ccg900 C1: Sex of child**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Boy	4006	26.3	48.3	48.3
	Girl	4293	28.2	51.7	100.0
	Total	8299	54.5	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	19	.1		
	Total	6926	45.5		
Total		15225	100.0		

C2. Who helped you fill this in?

A grown-up helped

Someone else helped

I did it all myself



# CCG File – Section C

## ccg910 C2: Child had help filling in questionnaire

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Yes, a grown-up helped	2483	16.3	30.1	30.1
	Yes, someone else helped	238	1.6	2.9	32.9
	No	5534	36.3	67.0	99.9
	Boxes 2+3 ticked	5	.0	.1	100.0
	Total	8260	54.3	100.0	
Missing	Triplet / quadruplet	6	.0		
	Not completed	6901	45.3		
	No response	58	.4		
	Total	6965	45.7		
Total		15225	100.0		

C3. When were you born?

**Date**

--	--

**Month**

--

**Year**

1	9	9	
---	---	---	--

[Note: This reported date of birth is not used.]

Thank you VERY much for your help

When completed, please send this back to:

**Professor Jean Golding  
Children of the Nineties - ALSPAC  
Institute of Child Health  
24 Tyndall Avenue  
Bristol BS8 1BR**

*coder*

--	--

*© University of Bristol*



## **Appendix A**

This appendix contains the general coding instructions that are referred to whenever any questionnaire is being coded. Note that this is the 2003 revision, which dates from some time after this questionnaire was coded. However, the revision did not alter the content but rather streamlined the text by simplifying sentences and introducing headings. This document provides a general overview to the coding process as well as defining abbreviations for standard methods that are used in the specific coding instructions for the questionnaire (see Appendix B).

## **General coding instructions for ALSPAC questionnaires – 3rd revision 12th December 2003**

These are to be used in conjunction with the specific instructions for each questionnaire.

### General Coding instructions for ALSPAC questionnaires – 3rd revision

#### *What is “coding”?*

The coder's main task is to ensure that each questionnaire is easily keyable. This means that the ticks that the respondent has written relate clearly to one box, and only one, that where numbers are required, words have not been written, and to check that the meaning of the question or the stated answer has not been adjusted by the respondent editing the question or qualifying the answer with words that make it not applicable.

Remember that a blank answer should always be left blank. It is not our task to infer what the respondent meant to say.

In cases where a box has been struck out, it should be considered as blank, meaning no answer given, except in rare instances where the specific coding sheet for the questionnaire indicates that a struck-out box should be considered as a zero.

#### *What data are keyed?*

The keying company will key either 1) the small code number in the box which has been ticked as the answer to a given question, or, 2) the numeric answer written by the respondent. All text is keyed whether freely written at the side of the answers or asked for by us on a “Please describe” dotted line.

#### *Clarity*

If you have to clarify a ticked response where the respondent has amended an answer, simply ring round the box containing the correct response and strike out with a single oblique line any answers that the respondent has crossed out. If you have to clarify numbers which the respondent has written, it is often necessary to strike out the given response, draw new box(es) close to the old one(s), and write the correction in them. On occasions it is necessary to put a response down which is not in the range of printed boxes. Instructions for this would be given in the coding sheet specific to the particular questionnaire.

Clear printing of numbers is most important. Use only the Arabic numerals 0,1,2,3,4,5,6,7,8,9. To avoid confusing 1 and 7, write the 7 with a line through it. Numbers should be right justified. If the number does not fill the available number of boxes, then the leftmost ones should be filled with zeros.

#### *Striving for accuracy*

It is better to work more slowly and check the questionnaires properly, rather than plough through mounds of work quickly but inaccurately. If there are any coding queries or the printed instructions do not deal adequately with the responses given, always check with the supervisor. If the matter cannot be resolved at the time, write the question number on a yellow “Post-It” sticky label and attach it to the top of the relevant page so that it is clearly visible in the batch. It is the individual coder’s responsibility to see that the query is resolved before the batch of questionnaires is packed away.

Do not attempt to cross check the response to one question with something the respondent has written elsewhere in the questionnaire (logical editing will be taken care of later by the data preparation team).

Make sure that “skips” (If no/yes, go to question X.....) are observed and that the appropriate Yes or No in the lead question has been answered.

#### *Final checks*

This is a most important stage. At the end of the coding of a run of questionnaires, the coders will go through the questionnaires a second time in order to check the first coder’s marking and find any omissions. No coder checks their own original coding. If serious or consistent coding errors are found in the checking procedure, it is the responsibility of the individual coder to bring it to the attention of the original coder who may have been misreading instructions. The supervisor will perform a validation check on each person’s work at regular intervals in order to strive for maximum accuracy.

## CCG File – Appendix A

### *Practical details*

Make sure that all questionnaires in a batch are kept together.

Make corrections to the questionnaire in green, so that the coder's decisions can be seen distinctly. However, if the respondent has written in green, use red for the corrections, and write a note on the front cover saying that you have corrected in red.

When starting a new batch of questionnaires, first verify that all the booklets that are in the batch are the correct ones by comparing and ticking off the i.d. numbers on the printed computerised list that is wrapped round the batch. There should be 20 booklets in the batch (unless it is the very last batch in the run). If any on the list are missing, or if there are any extras, we need to sort out the muddle before the batch can be sent on for keying.

All questionnaires in the same batch should have the same version date printed on the front cover. If a questionnaire of a different version has been included in the batch, hand it to the supervisor to deal with separately, cross out the number on the list and write “Wrong version” alongside. At the top of the list write “19 questionnaires only” or whatever.

Similarly, if a questionnaire is found to be totally blank, hand it to the supervisor, then cross out the number on the list, write “Blank” alongside and “19 questionnaires only” or whatever, at the top.

When you have finished a questionnaire put your initials in the Coders Initials box at the bottom of the back page. When all queries from the batch have been resolved, and all the booklets have been coded, the batch can move on to the next stage.

If the respondent has written anything on the questionnaire which needed to be acted upon by our administration, e.g. Changes of address, corrections of names, changes of marital status or surname, a decision to opt out of the survey etc, it will be stamped “Copied”, indicating that the post department have noted the information. If the given information is not stamped “Copied”, copy both the i.d. number from the front cover of the questionnaire and also the details of the information on to a separate sheet and hand it to the supervisor.

### *Specific details*

#### Dates

- a) It is important that dates should always be coded in the order day/month/year.
- b) The rules of padding from the left with 0's apply to the days and to the months separately.
- c) If the year is stated but the day and/or month are left unfilled or are described as not known, then code the unknown element(s) as 99.
- d) In contrast, if the year is blank or stated as not known, but other elements of the date have been written, leave the unknown year blank so that there is no ambiguity with 1999.
- e) If the whole date is left totally blank, leave all blank.

#### Coding instructions

Each type of questionnaire has its own unique coding sheet. To carry out the instructions by a standardised method, the abbreviations that have been used are:

7 If more than one box is ticked, ring around the one with the lowest number in the specific range, and put a line through the other responses. If only one box is ticked, or no boxes are ticked, no action is required from the coder.

8 If more than one box is ticked, ring around the one with the highest number in the specific range and put a line through the other responses. If only one box is ticked, or no boxes are ticked, no action is required from the coder.

I If more than one box is ticked, and the muddle cannot be resolved by reference to any written comment on the form, refer the problem to the supervisor or put a yellow sticky label at the top of the page to show that the matter must be resolved before the batch of questionnaires is packed away. If only one box is ticked, or no boxes are ticked, no action is required from the coder.

## CCG File – Appendix A

### II Code as a number.

Make sure that the answer is in the required units, e.g. weeks rather than months, or pints rather than glasses, or whatever, and remember that fractions are not allowed. There will be rules in the coding instructions as to whether to round fractions up or down, for each question where it is likely to occur.

Other possible 'non-standard' indications by the respondent:

If answer stated as not known, code as 9, 99, 999 or 9999 - depending on field length (i.e. fill as many boxes as the field requires). For this occurrence with dates see above.

If "occasional" is stated where a number is required, this is usually coded as 97. There are occasionally other codes in the 90 range to be used as indicated in the coding instructions.

If "none" or "nil" is stated for a numeric response, code as zero.

If there is no response, or they reply "Not applicable", "N/A" or something equivalent, leave the boxes blank.

### IV Code as ddmmyy for days, months, years. See instructions above about dates.

#### "Other, please describe" questions

Where information is written on an "other, please describe" line, it is necessary to check various points. Firstly, the information given there should not fit into one of the other categories in the question. If it is the same, recode it as that category, but if there is doubt, or it is clearly different, leave it as "other". Secondly, if there is information written on the line, it should have the corresponding box ticked. If there is no box ticked, then draw an extra box at the side and enter the code "zero" - indicating a relevant comment has been given, but we don't know which "yes" category to put it into.

Answers written in "Other, please describe" sections will not be coded at this stage. These responses will be keyed verbatim, and coded at a later stage. This has the advantage of being able to decide how to group the responses when the complete range is known. However, such responses are not available for analysis until relatively late on in the survey, and some sections, notably those with a historical perspective, have structured textual replies e.g. occupation, childhood diary.

Sheila Preece 12/12/2003

[Version 3 of General Coding Instructions first written 3/6/92 (modified on 20 January 2000) by Hugh Simmons]

## **Appendix B**

This appendix contains the coding instructions specific to this questionnaire.

**Coding instructions for the first version (18/09/01) child's own questionnaire "Rings and Things".**

All questionnaires in the same batch should have the same 'Date of form' on their front cover. Keep all the questionnaires in a batch together.

**Coding the "Rings and Things" replies**

Follow the general rules outlined in the "General coding instructions for ALSPAC questionnaires - 2nd revision " document.

Ensure that all possible identifiers of the respondent in the answers are obliterated.

**Front cover**

Check that the questionnaire number is legible, and that the date of form is 18/09/01.

\*\*\*\*\* If the questionnaire is all blank, e.g. the child didn't want to fill in the form, write "BLANK" on the front cover and hand it to the supervisor.

<b>Page 2</b>		
<b>Section A</b>		
		<b>**In Section A, if the child indicates that he/she <u>only ever uses a hands-free mobile phone</u>, transfer the information to the "please tell us" space in A7.</b>
A1	I	
A1a-e	I	
A2	II	Round fractions down.
A3a, b	8	
<b>Page 3</b>		
A4a, b	8	
A5	I	
A5a, b	8	
A6	7	Except if a combination of ticks includes code 5, which has precedence. If 'Mum's handbag' is stated code as 5.
<b>Page 4</b>		
A7a-g	I	Sometimes = 1.
A7h	I	If there is relevant information given, ensure that the Yes box is ticked. Write in any 'hands-free' information here ( <b>**see the note above at the top of this column of coding instructions</b> ).
A8a	I	There is no precedence here. We need to know the brand of mobile phone to be able to estimate the microwave exposure to the head. If more than one box is ticked, transfer the answers to "Other" and write 1+2 or whatever on the line. If 'GSM' is stated transfer the answer to A9 'Other'.
A8b	I	Text not being coded here.
A9	I	Code as for A8a. The name of the network system will reveal the microwave frequency band.
<b>Page 5</b>		
<b>Section B</b>		

## CCG File – Appendix B

B1a	I	
B1b	II	
B1c	II	If less than 1 year of age is stated, write 00.
B2a	I	
B2bi-iii	I	There should be either a tick or a blank here. B2bi, ii, and iii are not mutually exclusive as the child may be referring to different lumps.
B3a	7	
<b>Page 6</b>		
B3b	8	
B3c, d	7	
<b>Page 7</b>		
B4a-d	I	There should be either a tick or a blank here.
B4e	I	If there is relevant information given, ensure that the accompanying box is ticked.
B5	I	
B6a	I	
B6b		Text not being coded here.
B7a	I	
<b>Page 8</b>		
B7bi	I	There should be a tick or a blank here.
B7bii	8	
B7biii	8	
B7ci-iii	I	There should be a tick or a blank here.
B7civ	I	As for B7ci-iii. Ensure that any relevant written information is accompanied by a tick in B7civ.
B7d	I	
<b>Page 9</b>		
B8a-f	7	
B8g	7	Ensure that if something relevant is written in the “Please describe” section, that the previous box is ticked appropriately. If there is no tick, please code as zero to indicate relevant information in the “please describe” section.
B9a	I	
<b>Page 10</b>		
B9b	8	
B10		Text not being coded here.
B11a	I	
B11bi	I	If ‘gel/skin pens’ are indicated here, transfer the answer to B11b(ii).
B11bii	I	Ensure that there is a Yes tick if there is relevant written information.
B11biii-v	I	

## CCG File – Appendix B

B11bvi	I	As B11bii
<b>Page 11</b>		
B12a	I	
B12b		Text not being coded here.
<b>Page 12 Section C</b>		
C1	I	
C2	I	If 2+3 are ticked code as 4. Codes 1+2 = 1. Codes 1+3 = 1.
C3	IV	Write the month number under the month if the child gave it as a word.
<b>Bottom of page</b>		Insert coder's initials in the boxes provided.

END OF QUESTIONNAIRE

chrings&things

Sheila Preece 10/7/02



## Appendix C: Questionnaire Methodology

### Administration

Questionnaires were identified by a check-summed identifier (QUESTIONNAIRE ID) that is unique to both the recipient and the particular questionnaire. A single reminder letter was sent out if no response had been received 3 weeks after the questionnaire was sent out. No personal contacts were triggered by non-response to this questionnaire.

On receipt of returned questionnaires by ALSPAC the return was logged in the central database. If returned blank by the respondent (but not, for example, if returned as “not known at this address”) this was flagged. Any signed comments on the back page were dealt with as appropriate and the completed questionnaires batched together in batches of 20.

### Data handling

The expected responses to the questions fall into three categories: self-coding tick boxes, numeric and free text. However, respondents do not always answer the questions in the way expected. For example, they may tick more than one box in response to a question where only one response was expected or they may write a comment in place of ticking a box, perhaps if they feel that none of the options applies. For this reason students were employed to code the completed questionnaires under the supervision of a permanent member of ALSPAC staff who specialised in coding to prepare them for keying. Each questionnaire was first coded according to the rules set out in the ALSPAC general coding instructions (see Appendix A) and the specific coding instructions for this questionnaire (see Appendix B) and then checked by a different member of the team.

The coded questionnaires were then sent to an external keying bureau together with specifications of how the data should be keyed. All numeric and tick box data were double keyed and returned to ALSPAC in a number of SPSS data files. All text responses (both solicited and unsolicited) were keyed once only and returned in comma delimited text files.

On receipt the numeric data files were put together and labelled appropriately. The data were then range checked and any out of range values corrected by inspection of the completed questionnaire. The administrative identifier (QUESTIONNAIRE ID) was converted to the research identifiers ALN & QLET. At the end of this process the data were classified as clean; they are as close as will be got to what the respondent actually entered on the questionnaire, with the proviso that the free text is not included. The free text has been read into a database and is available on request under special confidentiality rules for projects that require it.

In order to prepare the data for general release the clean data were matched to the information about dispatch and return held in the ALSPAC administrative database. This enabled creation of variable for all members of the cohort indicating whether or not a questionnaire was sent out, whether it was returned etc. The variables were renamed according to a unique system to ensure there are no conflicts with variable on other data files. All variable names start with the letters “cgg” which are followed by three digits and occasionally a further letter. The only edits applied to the data were to recode values of 9 that indicated an unsolicited text response of “Don’t know” to –9. Note that where there

was actually a tick box category for “Don’t know” that was coded as 9 that these values remain as 9. Also, values of 0 indicating some other unsolicited text response were recoded to –8. See Table 1 for an overview of the common missing values on this data file.

**Table 1: Common missing value categories on release files and their interpretation**

<b>Value</b>	<b>Label</b>	<b>Comment</b>
-1	No response	The respondent did not answer this particular question. This may be due to following a skip statement in the questionnaire text as well as simply not attempting to answer the question.
-8	Text response	The respondent wrote something next to a question expecting either a numeric response or a tick box response and the coders were unable to apply any of the available options
-9	Don’t know	The respondent wrote “Don’t know”, or something similar, next to a question expecting either a numeric response or a tick box response where there was no option for “Don’t know”.
-10	Not completed	No completed questionnaire is available for this case. Variable CCG007a = 2 for all such cases.

At some point in the future the data may be reissued as a “built” with an edited version of the data adjusting for illogical responses, dealing with skip statements and adding useful derived variables.