

THIS BOOKLET IS FOR YOU

TEDS 3 Year Parent booklet coding

This document was last updated in June 2023. Based on earlier documents of raw data and dataset coding originating in 2006 and previously updated in 2013 and 2018 for different dataset versions.

Entries in red denote variable names and values used in the analysis dataset.

Entries in blue denote variable names and values used in the cleaned raw data.

Where the value coding is the same in both the raw data and the dataset, it is shown in red only. Where it differs, it is shown in both red (dataset) and blue (raw data). Any significant recoding from raw data to dataset is explained with annotations.

In the raw data variables, missing responses are given values -99 (missing) or -77 (not applicable). In the dataset, these are simply recoded to missing values.

The paper booklet had date fields on at least four of the pages, as shown. The raw dates as originally recorded had problems of missing data and anomalies. These dates have been cleaned and aggregated into a single best-estimate date, replacing the original dates in the cleaned raw data. The date fields for this date are shown at the top of the first page of questions.

As indicated in the document, where questions elicited free text responses, these have not been entered in the raw data and have not been used in the dataset. The text responses to some questions were used at the time of the study to update contact details within the TEDS admin system.

Twin-specific responses in the raw data refer to "first born" and "second born" twins, and these have separate variables as shown. In the dataset, such variables have been double-entered in the usual way, as documented elsewhere in the data dictionary. Such variables have names ending in "1" or "2", denoting twin and cotwin respectively (not denoting elder and younger twin).

TEDS
Research Centre
113 Denmark Hill
FREEPOST LON7567
LONDON
SE5 8YZ
(0800) 317029

IMPORTANT

We know that parents of young children often move house - parents of young twins seem to move even more frequently!

PLEASE HELP US TO STAY IN TOUCH WITH YOU BY GIVING US THE NAME AND ADDRESS OF A RELATIVE OR FRIEND WHO IS **UNLIKELY** TO MOVE IN THE NEAR FUTURE.

Relative/friend contact details originally entered on this page were used to update the TEDS admin system at the time of the study. These details have not been retained in the 3 Year study raw data and have also subsequently been deleted from the admin system for reasons of privacy.

Their first name

Their last name

Relationship to you

Address

.....

..... **Postcode**

Telephone number

THANK YOU!

CONSENT FORM

If you and your twins would like to take part in this stage of TEDS it is important that you sign this form. As in all research, we can only involve you if you sign.

When you sign the form you are agreeing to fill out these **three** booklets as best you can.

Contact details originally entered on this page were used to update the TEDS admin system at the time of the study. These details have not been retained in the 3 Year study raw data.

Your first name

Your last name

Relationship to the twins (eg. mother, guardian etc)

Your address

.....

..... **Postcode**

Your telephone number

First born twins' name

First born twins' last name

First born twins' date of birth/...../..... (DAY/MONTH/YEAR)

Second born twins' name

Second born twins' last name

Second born twins' date of birth/...../..... (DAY/MONTH/YEAR)

YES, I agree to myself and my twins taking part in this stage of TEDS, Twins' Early Development Study. I understand that we can withdraw from the study at any time, and that all information will be kept strictly confidential.

Signature

Date/...../.....(DAY/MONTH/YEAR)

TODAY'S DATE/...../..... (DAY/MONTH/YEAR)

parent_dd, parent_mm, parent_yyyy (dd, mm and yyyy date fields)

As explained above, this is a best estimate of the date when the booklet was completed by the parent, replacing multiple date fields in the original raw data.

IS THERE ANYTHING NEW TO TELL US?

- 1) **What is your marital status at the present time?** an01 cmstatus
- married to parent of the twins 1 married to someone else 2
- cohabiting with parent of the twins 3 cohabiting with someone else 4
- divorced 5 separated 6
- widowed 7 unmarried 8

Questions 2 - 9 are about things that have changed since we last contacted you

- 2) **Are there any new children living in the home with the twins?** an02a csibnew
- YES 1 NO 0

The sibling details, originally entered below, were used to update the TEDS admin system at the time of the study. These details have not been retained in the 3 Year study raw data.

If YES, please tell us about them:

CHILD'S NAME(S) Date of birth

...../...../..... (DAY/MONTH/YEAR)

Boy Girl

Does this child have the same parents as the twins?

both parents the same one parent the same no parent the same

CHILD'S NAME(S) Date of birth

...../...../..... (DAY/MONTH/YEAR)

Boy Girl

Does this child have the same parents as the twins?

both parents the same one parent the same no parent the same

IF THERE ARE MORE THAN TWO NEW CHILDREN LIVING IN THE HOME, PLEASE TELL US ABOUT THEM ON PAGE 2 OF THIS BOOKLET AND TICK THIS BOX: <input type="checkbox"/>

- 3) **Is the mother of the twins pregnant?** an03 cbmopreg
- YES 1 NO 0
- If YES, when is the baby expected to be born?/...../..... (Date not retained in cleaned raw data.)

- 4) **Has your job changed in any way?** an04 cjobch
- YES 1 NO 0
- If YES, please tell us about your job now (new job title, new hours of work etc) (Text responses not entered in the raw data.)

- 5) **Has your partner's job changed in any way?** an05 cjobchp
- YES 1 NO 0 DO NOT HAVE A PARTNER 2
- If YES, please tell us about his/her job now (new job title, new hours of work etc) (Text responses not entered in the raw data.)

6) **Since we last contacted you have either of the twins' parents or brothers or sisters had any SERIOUS illness or accident?** an06 cillfam

YES 1 NO 0

If YES, please tell us: (Text responses not entered in the raw data.)

Who? (PLEASE TICK ALL THAT APPLY)

Mother of the twins

an06m

cillmo

1=yes (ticked) 0=no

Father of the twins

an06d

cillfa

1=yes (ticked) 0=no

Brother/sister

an06s

cillsib

1=yes (ticked) 0=no

What was wrong?

(Text responses not entered in the raw data.)

Mother

Father

Brother/sister

Was a visit or stay in hospital necessary?

Mother an06mh chospmo

Father an06dh chospfa

Brother/sister an06sh chospsib

YES 1

NO 0

YES 1

NO 0

YES 1

NO 0

How long did the illness last?

(Text responses not entered in the raw data.)

Mother.....

Father.....

Brother/sister.....

How is s/he now?

(Text responses not entered in the raw data.)

Mother.....

Father.....

Brother/sister.....

7) **Is there anything else you would like to tell us?** (PLEASE DESCRIBE)

(Text responses not entered in the raw data.)

TODAY'S DATE/...../..... (DAY/MONTH/YEAR)

(If a date was originally recorded here, it has been used to estimate the booklet date shown on page 1.)

YOUR TWINS DAY TO DAY

- 1) **Do you try to dress your twins as similarly as you can?** dd01 **cdress**
 YES, usually 1 YES, sometimes 2 NO, but I co-ordinate their clothes 3 NO, never 0

If NO, never, please go on to question 3

Why do you dress them in this way?

(PLEASE TICK ONE FOR EACH)

2=don't know in raw data has been recoded to missing in the dataset

I like them to match	cdrilike	dd01a	YES 1	NO 0	Don't Know 2
They like to look similar	cdrtwlik	dd01b	YES 1	NO 0	Don't Know 2
It's easier to dress them similarly	cdreasy	dd01c	YES 1	NO 0	Don't Know 2
It's cheaper to dress them similarly	cdrcheap	dd01d	YES 1	NO 0	Don't Know 2
I have been given matching clothes	cdrgiven	dd01e	YES 1	NO 0	Don't Know 2
I like people to know they are twins	cdrpknow	dd01f	YES 1	NO 0	Don't Know 2
Any other reason?	cdrother	dd01g	YES 1	NO 0	Don't Know 2

Please describe (Text responses not entered in the raw data.)

- 2) **Is it possible to tell your twins apart by one aspect of the way they dress? (for example, labels, certain colours, hairstyles)** dd02 **cdrdiff**

YES 1 NO 0

If YES, please describe (Text responses not entered in the raw data.)

- 3) **How old were the twins when you stopped feeding them breast milk by breast or bottle/cup?** (PLEASE ANSWER FOR EACH CHILD)

Recoded into a single variable per twin: cmilk1/2

0=never breast fed, 1=breast fed for 1 week or less, 2=2 weeks, 3=3-4 weeks, 5=4-6 months, 6=7-12 months, 7=over 12 months, 8=still breast fed

1st born (free numeric)	Still fed breast milk	Never fed breast milk
dd03a months a1 weeks a2 days	a3: 1=yes	a4: 1=yes
2nd born (free numeric)	Still fed breast milk	Never fed breast milk
dd03b months a5 weeks a6 days	a7: 1=yes	a8: 1=yes

- 4) **In a usual week, do your twins attend a play group or nursery?** dd04a

YES, 1st born 1 YES, 2nd born 2 YES, both twins 3 NO 0

recoded into twin variables: cplaygp1/2: 1=yes 0=no

If YES, both twins, do they go to the same play group or nursery? dd04b cgpsamen

YES, always 2 1 YES, sometimes 1 2 NO 0 0

If YES, always or YES, sometimes, are they in the same "class"? dd04c cgpsamec

YES, always 2 1 YES, sometimes 1 2 NO 0 0

- 5) **On average, how often do others put your twins to bed?**

(PLEASE TICK ONE FOR EACH)

	often (eg daily)	frequently (eg 2-3 times/week)	occasionally (eg 1-2 times/month)	never
Other parent dd05a cbedopar	1 3	2 2	3 1	4 0
Other relatives dd05b cbedorel	1 3	2 2	3 1	4 0
Friends dd05c cbedfrnd	1 3	2 2	3 1	4 0
Professional carers (eg. nanny) dd05d cbedprof	1 3	2 2	3 1	4 0
Anyone else? dd05e cbedoth	1 3	2 2	3 1	4 0

Please describe (Text responses not entered in the raw data.)

- 6) **Do your twins share a room with anyone at night?** dd06 cbedrmsh
 YES, with each other 1 YES, with each other and someone else 2 YES, with someone else 3 NO 0

(items 7, 8, 9 below recoded into twin variables: 1=yes 0=no for each twin)

- 7) **Do your twins share a bed with anyone at night?** cbedsh1/2: 1=yes 0=no
 dd07 YES, 1st born 1 YES, 2nd born 2 YES, both twins 3 NO 0

- 8) **Do your twins go to sleep with a light on?** (PLEASE TICK ONE FOR EACH)
- | | | | | |
|------------------------|-----------------|-----------------|-------------------|------|
| room light dd08a | YES, 1st born 1 | YES, 2nd born 2 | YES, both twins 3 | NO 0 |
| cliroom1/2: 1=yes 0=no | | | | |
| lamp in room dd08b | YES, 1st born 1 | YES, 2nd born 2 | YES, both twins 3 | NO 0 |
| clilamp1/2: 1=yes 0=no | | | | |
| night light dd08c | YES, 1st born 1 | YES, 2nd born 2 | YES, both twins 3 | NO 0 |
| clinigt1/2: 1=yes 0=no | | | | |
| landing light dd08d | YES, 1st born 1 | YES, 2nd born 2 | YES, both twins 3 | NO 0 |
| cliland1/2: 1=yes 0=no | | | | |
| no light dd08e | YES, 1st born 1 | YES, 2nd born 2 | YES, both twins 3 | NO 0 |
| clinone1/2: 1=yes 0=no | | | | |

- 9) **Do your twins have any difficulty with sleep?** (PLEASE TICK ONE FOR EACH)
- | | | | | |
|-----------------------------------|-----------------|-----------------|-------------------|------|
| difficulty getting to sleep dd09a | YES, 1st born 1 | YES, 2nd born 2 | YES, both twins 3 | NO 0 |
| cslprobl1/2: 1=yes 0=no | | | | |
| frequent waking at night dd09b | YES, 1st born 1 | YES, 2nd born 2 | YES, both twins 3 | NO 0 |
| cslwake1/2: 1=yes 0=no | | | | |
| nightmares dd09c | YES, 1st born 1 | YES, 2nd born 2 | YES, both twins 3 | NO 0 |
| cslnmar1/2: 1=yes 0=no | | | | |
| waking early dd09d | YES, 1st born 1 | YES, 2nd born 2 | YES, both twins 3 | NO 0 |
| cslearl1/2: 1=yes 0=no | | | | |

- 10) **At what age would you expect your twins to be dry at night?** dd10 cpdryexp
 (Last two categories combined as 7=5 or older in dataset)
 1 2 2½ 3 3 4 3½ 5 4 6 4½ 7 5 7 8 older than 5

- 11) **Do your twins recognise when to use the toilet/potty during the day?** |
 (PLEASE TICK ONE FOR EACH CHILD) cpotty1/2
- | | | | | |
|----------------|-----------|---------------|------------------|-----------|
| 1st born dd11a | often 1 3 | sometimes 2 2 | occasionally 3 1 | never 4 0 |
| 2nd born dd11b | often 1 3 | sometimes 2 2 | occasionally 3 1 | never 4 0 |

- 12) **Do your twins continue to wear nappies?** | (PLEASE ANSWER FOR EACH CHILD)
- | | | | | |
|-----------------|-----------------|---------------------------------|------------------------------------|--------------------------------|
| | | 1 | 2 | 3 |
| | | 2 | 1 | 0 |
| during the day: | 1st born dd12da | <input type="checkbox"/> always | <input type="checkbox"/> sometimes | <input type="checkbox"/> never |
| | 2nd born dd12db | <input type="checkbox"/> always | <input type="checkbox"/> sometimes | <input type="checkbox"/> never |
| at night: | 1st born dd12na | <input type="checkbox"/> always | <input type="checkbox"/> sometimes | <input type="checkbox"/> never |
| | 2nd born dd12nb | <input type="checkbox"/> always | <input type="checkbox"/> sometimes | <input type="checkbox"/> never |

13) **Have you tried, or are you trying to toilet/potty train your twins?**

recoded into twin dataset variables as shown

Have tried in the past **cpottrp1/2: 1=yes 0=no**
dd13p YES, 1st born **1** YES, 2nd born **2** YES, both twins **3** NO **0**
 Trying at the moment **cpottrn1/2: 1=yes 0=no**
dd13n YES, 1st born **1** YES, 2nd born **2** YES, both twins **3** NO **0**

14) **Are your twins dry throughout the day? cpdryda1/2** (PLEASE TICK ONE FOR EACH CHILD)

Raw data: **1 2 3 4 5**
 Dataset: **4 3 2 1 0**
1st born dd14a every day most days some days hardly ever never
2nd born dd14b every day most days some days hardly ever never

15) **Are your twins dry throughout the night? cpdrynt1/2** (PLEASE TICK ONE FOR EACH CHILD)

Raw data: **1 2 3 4 5**
 Dataset: **4 3 2 1 0**
1st born dd15a every day most days some days hardly ever never
2nd born dd15b every day most days some days hardly ever never

16) **Have you tried any of the following at night?**

If both of the twins are fully potty/toilet trained, please go straight to page 6

(PLEASE TICK ONE FOR EACH)

	often	sometimes	never
Raw data coding:	1	2	3
Dataset coding:	2	1	0
try without nappies cpnapp1/2			
1st born dd16aa	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2nd born dd16ab	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
stop drinks before bed cpdrink1/2			
1st born dd16ba	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2nd born dd16bb	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
offer rewards for being dry cprward1/2			
1st born dd16ca	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2nd born dd16cb	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
let child sleep in parent's bed cparbd1/2			
1st born dd16da	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2nd born dd16db	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
wake child to go to the toilet during the night cpwake1/2			
1st born dd16ea	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2nd born dd16eb	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
lift child to the toilet (toilet child without waking) during the night cplift1/2			
1st born dd16fa	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2nd born dd16fb	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
reassure child that it's OK if the bed is wet cpreass1/2			
1st born dd16ga	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2nd born dd16gb	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

17) **Are your twins ever *APART* from each other for more than half an hour because:** (PLEASE TICK ONE FOR EACH)

2=don't know is recoded to missing in the dataset variables below

They are put to bed at different times YES 1 NO 0 Don't Know 2
dd17a capbed

They wake up at different times YES 1 NO 0 Don't Know 2
dd17b capwake

capalon1/2:

You spend time **alone** with first born twin without second born twin dd17c YES 1 NO 0 Don't Know 2

You spend time **alone** with second born twin without first born twin dd17d YES 1 NO 0 Don't Know 2

capoth1/2:

Other people spend time **alone** with first born twin without second born twin dd17e YES 1 NO 0 Don't Know 2

Other people spend time **alone** with second born twin without first born twin dd17f YES 1 NO 0 Don't Know 2

Any other reason? YES 1 NO 0 Don't Know 2
dd17g capother

Please describe (Text responses not entered in the raw data.)

If you ticked YES to any of the above, how many hours *in total* in a *usual* week do they spend apart from each other?Hours

dd17hh (free numeric)

captothh: number of hours categorized:

1=1 hour, 2=2 hours, 3=3 hours, 4=4 hours, 5=5-6 hours, 6=7-10 hours, 7=over 10 hours

18) **Is there anything else you would like to tell us about how your twins get on with each other, or anything else that you find interesting about caring for twins?**

(Text responses not entered in the raw data.)

TODAY'S DATE/...../..... (DAY/MONTH/YEAR)

(If a date was originally recorded here, it has been used to estimate the booklet date shown on page 1.)

YOUR TWINS: IDENTICAL OR NON-IDENTICAL?

IF YOUR TWINS ARE OF OPPOSITE SEX, PLEASE TURN TO PAGE 10.

We are interested in whether you think your twins are identical, or fraternal (non-identical). As they get older, it sometimes becomes easier to tell whether twins are identical or fraternal (non-identical). This is why we would like to ask you the following questions, many of which you have seen in an earlier TEDS booklet, when your twins were younger..

1st BORN TWIN'S NAME (Text responses not entered in the raw data.)

2nd BORN TWIN'S NAME (Text responses not entered in the raw data.)

- 1) **Have you ever been told by a *health professional* (for example doctor, nurse, consultant) that your twins are identical or non-identical?** in01 czyprof

YES, Identical 1 YES, non-identical 2 NO 0

(0="no" response recoded to missing for dataset variable)

If YES, why did they think this? (Text responses not entered in the raw data.)

- 2) **Do you think your twins are identical or non identical?** in02 czyyou

Identical 1 Non-identical 2

Why do you think this? (Text responses not entered in the raw data.)

PHYSICAL DIFFERENCES

- 3) **Are there differences in the *shade* of your twins' hair?** in03 czyhairs

None 1 Only slight difference 2 Clear difference 3

If there is **any** difference, please describe:

(Text responses not entered in the raw data.)

- 4) **Are there differences in the *texture* of your twins' hair (fine or coarse, straight or curly etc.)?** in04 czyhairt

None 1 Only slight difference 2 Clear difference 3

If there is **any** difference, please describe:

(Text responses not entered in the raw data.)

- 5) **Are there differences in the colour of your twins' eyes?** in05 czyeyes

None 1 Only slight difference 2 Clear difference 3

If there is **any** difference, please describe:

(Text responses not entered in the raw data.)

- 6) **Are there differences in the shape of your twins' ear lobes?** in06 czyears

None 1 Only slight difference 2 Clear difference 3

If there is **any** difference, please describe:

(Text responses not entered in the raw data.)

- 7) **Did the twins' teeth begin to come through at about the same time?** czyteet2
 in07 czyteeth (also recoded into czyteet2 as shown)
 1 1 The twins had matching teeth on the same side come through within a few days of each other 1
 2 2 The twins had matching teeth on opposite sides come through within a few days of each other 1
 3 3 The twins had different teeth come through within a few days of each other 2
 4 4 The twins' first teeth did not come through within a few days of each other 2

- 8) **Do your twins look at all different?** (PLEASE DESCRIBE)
 (Text responses not entered in the raw data.)

- 9) **Do you know of any physical differences between your twins that are not clear from looking at them (eg. differences in internal organs)?** in09 czyphysi

YES 1 NO 0

If YES, please describe: (Text responses not entered in the raw data.)

- 10) **Do you know your twins' ABO blood group and Rhesus (Rh) factors?**

in10 czyblood

YES 1 NO 0

If YES, are they: (PLEASE TICK A BLOOD GROUP AND RHESUS FACTOR FOR EACH TWIN)

1st born in10ga A 1 B 2 AB 3 O 4

 in10fa Rh+ 1 Rh- 2

2nd born in10gb A 1 B 2 AB 3 O 4

 in10fb Rh+ 1 Rh- 2

Recoded into:

czytyp: twins have different blood group (A/B/AB/O): 1=yes (diff), 0=no (same)

czyfac: twins have same blood factors (Rh+/-): 1=yes (diff), 0=no (same)

- 11) **If there are differences between your twins, are they because of anything like problems at birth; an accident; or illness?** in11 czyprobs

YES 1 NO 0 Don't Know 2 There are no differences 3

If YES, please describe: (Text responses not entered in the raw data.)

- 12) **As your twins have grown older, has the likeness between them:**

in12 czygrow

Remained the same 1 Become less 2 Become more 3

(also recoded into ordinal dataset variable czyold: 1=more 2=same 3=less)

TELLING THE TWINS APART

- 13) **How do you tell the twins apart?** (PLEASE DESCRIBE)

(Text responses not entered in the raw data.)

- 14) **How do other members of your family tell them apart?** (PLEASE DESCRIBE)

(Text responses not entered in the raw data.)

15) **When looking at a new photograph of your twins, can you tell them apart (without looking at their clothes or using any other clues)?**

in15 czyphoto (also recoded to czyphot2 as shown) czyphot2

- YES, easily 1 3
- YES, but it is hard sometimes 2 2
- NO, I often confuse them in photographs 0 1

16) **Do any of the following people ever mistake your twins for each other?**

(for the first four items below, the 4th response is recoded to missing in the dataset variables)

- **Other parent of the twins** *in16p*
czymistp
 - YES, often 1
 - YES, sometimes 2
 - Rarely or never 3
 - THERE IS NO OTHER PARENT 4
- **Older brothers or sisters** *in16s*
czymistb
 - YES, often 1
 - YES, sometimes 2
 - Rarely or never 3
 - THERE ARE NO OLDER BROTHERS OR SISTERS 4
- **Other relatives** *in16r* *czymistr*
 - YES, often 1
 - YES, sometimes 2
 - Rarely or never 3
 - THERE ARE NO OTHER RELATIVES 4
- **Babysitter/day carer** *in16c* *czymistb*
 - YES, often 1
 - YES, sometimes 2
 - Rarely or never 3
 - THERE IS NO BABYSITTER/DAY CARER 4
- **Parents' close friends** *in16f*
czymistf
 - YES, often 1
 - YES, sometimes 2
 - Rarely or never 3
- **Parents' casual friends** *in16a*
czymistc
 - YES, often 1
 - YES, sometimes 2
 - Rarely or never 3
- **People meeting the twins for the first time** *in16m* *czymistm*
 - YES, often 1
 - YES, sometimes 2
 - Rarely or never 3

17) **If the twins are ever mistaken for one another, does this ever occur when they are together?** *in17 czytoget*

- Yes, often 1
- Yes, sometimes 2
- No, almost never 3
- They are not mistaken for one another 4

18) **Would you say that your twins:** *in18 czyypeas*

- are as physically alike as "two peas in a pod" (virtually the same) 1
- are as physically alike as brothers and sisters are 2
- do not look very much alike at all 3

YOUR TWINS' HEARING

For each of the following questions, please tick one box for each twin.

- 1) Have you, or has anyone else, ever suspected, that either of the twins may have a hearing problem even for a short period? chsusp1/2
- 1st born h01a YES 1 NO 0
- 2nd born h01b YES 1 NO 0
-
- 2) During a cold, do either of the twins get a heavy yellow/green (catarrhal) discharge from their nose? chcatar1/2
- 1st born h02a often 1 3 sometimes 2 2 occasionally 3 1 never 4 0
- 2nd born h02b often 1 3 sometimes 2 2 occasionally 3 1 never 4 0
-
- 3) Have either of the twins ever had earache? chache1/2
- 1st born h03a often 1 3 sometimes 2 2 occasionally 3 1 never 4 0
- 2nd born h03b often 1 3 sometimes 2 2 occasionally 3 1 never 4 0
-
- 4) Has pus or a sticky mucus (not ear wax) ever leaked out of either of the twins' ears? chpus1/2
- 1st born h04a often 1 3 sometimes 2 2 occasionally 3 1 never 4 0
- 2nd born h04b often 1 3 sometimes 2 2 occasionally 3 1 never 4 0
-
- 5) Do either of the twins breathe through their mouth, rather than through their nose? chmouth1/2
- 1st born h05a often 1 3 sometimes 2 2 occasionally 3 1 never 4 0
- 2nd born h05b often 1 3 sometimes 2 2 occasionally 3 1 never 4 0
-
- 6) Do either of the twins snore or make snorting noises during their sleep? chsnore1/2
- 1st born h06a often 1 3 sometimes 2 2 occasionally 3 1 never 4 0
- 2nd born h06b often 1 3 sometimes 2 2 occasionally 3 1 never 4 0
-
- 7) Do either of the twins ever seem to ignore what people are saying? chignor1/2
- 1st born h07a often 1 3 sometimes 2 2 occasionally 3 1 never 4 0
- 2nd born h07b often 1 3 sometimes 2 2 occasionally 3 1 never 4 0
-
- 8) Have you, or has anyone else ever thought that either of the twins may have had a problem with talking? chtalk1/2
- 1st born h08a YES 1 NO 0
- 2nd born h08b YES 1 NO 0

TODAY'S DATE/...../..... (DAY/MONTH/YEAR)

(If a date was originally recorded here, it has been used to estimate the booklet date shown on page 1.)

TWINS' EARLY EXPERIENCES

These questions are about some of the things your twins may do, and about some of the experiences they may have. Some things may be very similar for both twins, while others may be quite different. We are interested in any differences, so we ask you about each twin separately. For each item, first please think about your **1st born twin**, and tick a box on the left to tell us about him/her. Then think about whether the item applies more, less, or about the same amount to your **2nd born twin**, and tick a box on the right.

How you talk to your twins

- 1) **Does your 1st born twin take part in nursery rhymes, simple songs, or prayers?** **ctrhym**
 less than once a month **1** **1st born: ee01a. 2nd born difference: ee01dif.**
 once or twice a month **2** **Does your 2nd born twin do this more or less?** **ctrhymd**
 once or twice a week **3** **1** **2** **3** **4** **5**
 several times a week **4** a lot more a little more about equally a little less a lot less
 almost daily **5**
- 2) **Do you ever correct words that your 1st born twin pronounces wrongly (for example, if s/he says 'boon' for 'spoon')?** **ctpron**
 never or rarely **1** **1st born: ee02a. 2nd born difference: ee02dif.**
 occasionally **2** **Do you do this more or less with your 2nd born twin?** **ctprond**
 about half the time **3** **1** **2** **3** **4** **5**
 quite often **4** a lot more a little more about equally a little less a lot less
 almost always **5**
- 3) **Do you ever correct your 1st born twin's sentence structure (for example, if s/he says 'me not want it' instead of 'I don't want it')?** **ctsent**
 never or rarely **1** **1st born: ee03a. 2nd born difference: ee03dif.**
 occasionally **2** **Do you do this more or less with your 2nd born twin?** **ctsentd**
 about half the time **3** **1** **2** **3** **4** **5**
 quite often **4** a lot more a little more about equally a little less a lot less
 almost always **5**
- 4) **Do you ever correct your 1st born if s/he says the wrong word for something (for example, if s/he calls a cow a horse)?** **ctword**
 never or rarely **1** **1st born: ee04a. 2nd born difference: ee04dif.**
 occasionally **2** **Do you do this more or less with your 2nd born twin?** **ctwordd**
 about half the time **3** **1** **2** **3** **4** **5**
 quite often **4** a lot more a little more about equally a little less a lot less
 almost always **5**
- 5) **Do you teach your 1st born twin about directions and locations (for example, left and right, where the shops are)?** **ctloca**
 less than once a month **1** **1st born: ee05a. 2nd born difference: ee05dif.**
 once or twice a month **2** **Do you do this more or less with your 2nd born twin?** **ctlocad**
 once or twice a week **3** **1** **2** **3** **4** **5**
 several times a week **4** a lot more a little more about equally a little less a lot less
 almost daily **5**

- 6) **Does your 1st born twin read books or look at books with you?** **ctbook**
- less than once a month **1** **1st born: ee06a. 2nd born difference: ee06dif.**
- once or twice a month **2** **Does this happen more or less with your 2nd born twin?** **ctbookd**
- once or twice a week **3** **1** **2** **3** **4** **5**
- several times a week **4** a lot a little about a little a lot
more more equally less less
- almost daily **5**

- 7) **Do you talk to your 1st born twin when you are doing household chores?** **cttalk**
- less than once a month **1** **1st born: ee07a. 2nd born difference: ee07dif.**
- once or twice a month **2** **Do you do this more or less with your 2nd born twin?** **cttalkd**
- once or twice a week **3** **1** **2** **3** **4** **5**
- several times a week **4** a lot a little about a little a lot
more more equally less less
- almost daily **5**

- 8) **Do you let your 1st born twin choose what to eat at either breakfast or lunch-time?** **cteat**
- less than once a month **1** **1st born: ee08a. 2nd born difference: ee08dif.**
- once or twice a month **2** **Does this happen more or less with your 2nd born twin?** **cteatd**
- once or twice a week **3** **1** **2** **3** **4** **5**
- several times a week **4** a lot a little about a little a lot
more more equally less less
- almost daily **5**

Your Twins' Play

- 9) **Does your 1st born twin get into "messy" play (for example, finger paints, cooking, water)?** **cgmessy**
- less than once a month **1** **1st born: ee09a. 2nd born difference: ee09dif.**
- once or twice a month **2** **Does your 2nd born twin do this more or less?** **cgmessyd**
- once or twice a week **3** **1** **2** **3** **4** **5**
- several times a week **4** a lot a little about a little a lot
more more equally less less
- almost daily **5**

- 10) **Does your 1st born twin have any puzzles (for example, jigsaws, puzzle boards)?** **cgpuzz**
- (These may be shared with other children in the family)
- none **1** **1st born: ee10a. 2nd born difference: ee10dif.**
- 1 - 3 **2** **Does your 2nd born twin have fewer or more puzzles?** **cgpuzzd**
- 4 - 6 **3** **1** **2** **3** **4** **5**
- 7 - 10 **4** a lot more a little about equal a little a lot
more more less less
- 11 or more **5**

- 11) **Do either of your twins have a cassette/record/CD player that s/he may use him/herself?**
- (This may be shared with other members of the family.) **ee11 cgmusic**
- YES **1** NO **0**
- If YES, how often does your 1st born use it?** **cgmusi**
- less than once a month **1** **1st born: ee11a. 2nd born difference: ee11dif.**
- once or twice a month **2** **Does your 2nd born twin use it more or less?** **cgmusid**
- once or twice a week **3** **1** **2** **3** **4** **5**
- several times a week **4** a lot a little about a little a lot
more more equally less less
- almost daily **5**

- 12) **Does your 1st born twin have any children's tapes/records/CDs (for example, of nursery rhymes, stories)?** (These may be shared with other children in the family.) **cg**tapes
 1st born: ee12a. 2nd born difference: ee12dif.
- none 1
 1 - 3 2
 4 - 6 3
 7 - 10 4
 11 or more 5
- Does your 2nd born twin have fewer or more of them?** **cg**tapesd
- 1 2 3 4 5
 a lot more a little more about equal a little less a lot less

- 13) **Does your 1st born twin have any children's books?** **cg**books
 (These may be shared with other children in the family.)
 1st born: ee13a. 2nd born difference: ee13dif.
- none 1
 1 - 10 2
 11 - 50 3
 51 - 100 4
 101 or more 5
- Does your 2nd born twin have fewer or more books?** **cg**booksd
- 1 2 3 4 5
 a lot more a little more about equal a little less a lot less

- 14) **Has your 1st born twin been taken to a theme centre (for example, zoo, museum, castle) in the past year?** (Do not include parks, playgrounds or amusement parks) **cg**zoo
 1st born: ee14a. 2nd born difference: ee14dif.
- no 1
 once 2
 2 or 3 times 3
 4 or 5 times 4
 6 or more times 5
- Has your 2nd born twin been taken more or less?** **cg**zood
- 1 2 3 4 5
 a lot more a little more about equal a little less a lot less

- 15) **Does your 1st born twin play physical games with you (for example, football, catch, tag)?** **cg**phys
- less than once a month 1
 once or twice a month 2
 once or twice a week 3
 several times a week 4
 almost daily 5
- 1st born: ee15a. 2nd born difference: ee15dif.
- Does your 2nd born twin do this more or less?** **cg**physd
- 1 2 3 4 5
 a lot more a little more about equally a little less a lot less

- 16) **Does your 1st born twin play board games or card games with you (for example, "snakes and ladders", "happy families", "snap")?** **cg**board
 1st born: ee16a. 2nd born difference: ee16dif.
- less than once a month 1
 once or twice a month 2
 once or twice a week 3
 several times a week 4
 almost daily 5
- Does your 2nd born twin do this more or less?** **cg**boardd
- 1 2 3 4 5
 a lot more a little more about equally a little less a lot less

- 17) **Do either of your twins have any of the following, either easily available (they can get them without help, whenever they want to), or put away somewhere (for example, on a high shelf)?**
- | | Always available | Usually put away | No/not yet |
|---|----------------------------|----------------------------|----------------------------|
| • Play-dough, clay, or plasticine ee17a cg dough | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 |
| • Tricycle, scooter or kiddie car ee17b cg tricyc | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 |
| • Outdoor toys (for example, bat & ball, swing, slide) ee17c cg outdoor | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 |
| • Hanging mobile ee17d cg mobile | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 |
| • Fine hand-eye coordination toys (for example, fit together toys, threading beads, shapes that fit into holes) ee17e cg coord | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 |

Discipline

Parents have many ways of disciplining their children, and different children need different sorts of discipline. Below, there are some discipline methods that parents often use. Please show us how often you use each method, for each of your twins.

For each item, first please think about your **1st born twin**, and circle a number to show us how often you use the method mentioned. Then think about whether the item applies more, less, or about the same amount to your **2nd born twin**, and tick a box on the right.

SCALE:
This shows you what you tell

us about your 1st born twin when you circle a number

1	2	3	4	5
I rarely or never do this	I occasionally do this	I sometimes do this	I often do this	I usually do this

- 18) **Give a smack or slap** cdismak 1st born: d18a. 2nd born difference: d18dif.
 Never Sometimes Usually **Do you do this more or less with your 2nd born twin?** cdismakd
 1 2 3 4 5 1 2 3 4 5
1 2 3 4 5 a lot more a little more about equally a little less a lot less

- 19) **Telling off or shouting** cdishou 1st born: d19a. 2nd born difference: d19dif.
 Never Sometimes Usually **Do you do this more or less with your 2nd born twin?** cdishoud
 1 2 3 4 5 1 2 3 4 5
1 2 3 4 5 a lot more a little more about equally a little less a lot less

- 20) **Explain to child, or reason with child** cdiexpl 1st born: d20a. 2nd born difference: d20dif.
 Never Sometimes Usually **Do you do this more or less with your 2nd born twin?** cdiexpld
 1 2 3 4 5 1 2 3 4 5
1 2 3 4 5 a lot more a little more about equally a little less a lot less

- 21) **Be firm and calm with child** cdifirm 1st born: d21a. 2nd born difference: d21dif.
 Never Sometimes Usually **Do you do this more or less with your 2nd born twin?** cdifirmd
 1 2 3 4 5 1 2 3 4 5
1 2 3 4 5 a lot more a little more about equally a little less a lot less

- 22) **Make a joke out of it** cdijoke 1st born: d22a. 2nd born difference: d22dif.
 Never Sometimes Usually **Do you do this more or less with your 2nd born twin?** cdijoked
 1 2 3 4 5 1 2 3 4 5
1 2 3 4 5 a lot more a little more about equally a little less a lot less

- 23) **Ask someone else to deal with the situation (for example, other parent)** cdiasko
1st born: d23a. 2nd born difference: d23dif.
 Never Sometimes Usually **Do you do this more or less with your 2nd born twin?** cdiaskod
 1 2 3 4 5 1 2 3 4 5
1 2 3 4 5 a lot more a little more about equally a little less a lot less

Being a Parent of Twins

Every parent experiences all sorts of positive and negative feelings towards their children. We are interested in how it feels to be a parent of twins. On the next page, there are some positive and negative feelings that some parents may experience.

For each item, first please think about your **1st born twin**, and circle a number to show us how much you feel the statement reflects your feelings towards him/her. Then think about whether you feel this way more, less or about the same with your **2nd born twin**, and tick a box on the right. Try to give your answers without leaving any out, or looking back at what you have said before.

SCALE:
This shows you what you tell us

about your 1st born twin when you circle a number

1	2	3	4	5
definitely untrue	somewhat untrue	not really true or untrue	somewhat true	definitely true

- 24) **Sometimes I feel very impatient with him/her** cbpimpa
 Untrue True **Do you feel this way more or less with your 2nd born twin?** cbpimpad
 1 2 3 4 5 1 2 3 4 5
1 2 3 4 5 a lot more a little more about equally a little less a lot less
1st born: p24a. 2nd born difference: p24dif.

- 25) **I usually feel quite happy about my relationship with him/her** cbphapp
 Untrue True **Do you feel this way more or less with your 2nd born twin?** cbphappd
 1 2 3 4 5 1 2 3 4 5
1 2 3 4 5 a lot more a little more about equally a little less a lot less
1st born: p25a. 2nd born difference: p25dif.

- 26) **Sometimes I am amused by him/her** cbpamus
 Untrue True **Do you feel this way more or less with your 2nd born twin?** cbpamusd
 1 2 3 4 5 1 2 3 4 5
1 2 3 4 5 a lot more a little more about equally a little less a lot less
1st born: p26a. 2nd born difference: p26dif.

- 27) **Sometimes I wish s/he would go away for a few minutes** cbpaway
 Untrue True **Do you feel this way more or less with your 2nd born twin?** cbpawayd
 1 2 3 4 5 1 2 3 4 5
1 2 3 4 5 a lot more a little more about equally a little less a lot less
1st born: p27a. 2nd born difference: p27dif.

- 28) **Sometimes s/he makes me angry** cbpangr
 Untrue True **Do you feel this way more or less with your 2nd born twin?** cbpangrd
 1 2 3 4 5 1 2 3 4 5
1 2 3 4 5 a lot more a little more about equally a little less a lot less
1st born: p28a. 2nd born difference: p28dif.

- 29) **I usually feel close to him/her** cbpclos
 Untrue True **Do you feel this way more or less with your 2nd born twin?** cbpclosd
 1 2 3 4 5 1 2 3 4 5
1 2 3 4 5 a lot more a little more about equally a little less a lot less
1st born: p29a. 2nd born difference: p29dif.

- 30) **Sometimes I am frustrated by him/her** cbpfrus
 Untrue True **Do you feel this way more or less with your 2nd born twin?** cbpfrusd
 1 2 3 4 5 1 2 3 4 5
1 2 3 4 5 a lot more a little more about equally a little less a lot less
1st born: p30a. 2nd born difference: p30dif.

How You Feel

The following questions should be answered by the mother of the twins where possible. If she is not available, please tick this box and answer the questions yourself, about yourself.

We would like to know how **you** feel. Please read the following statements and tick the statement that is **closest** to how you have been feeling **in the past seven days** (not just how you feel today).

In the past seven days :

In dataset variables for the 10 following maternal depression items, the value coding 0 to 3 is reversed in some items. However, in all items the direction of coding is from 0=least depression up to 3=most depression.

31) **I have been able to laugh and see the funny side of things** m31 cmdlaugh

- 0 1 as much as I always could
1 2 not quite so much now
2 3 definitely not so much now
3 4 not at all

32) **I have looked forward with enjoyment to things** m32 cmdenjoy

- 0 1 as much as I ever did
1 2 rather less than I used to
2 3 definitely less than I used to
3 4 hardly at all

33) **I have blamed myself unnecessarily when things went wrong** m33 cmdblame

- 3 1 yes, most of the time
2 2 yes, some of the time
1 3 not very often
0 4 no, never

34) **I have been anxious or worried for no good reason** m34 cmdanx

- 0 1 no, not at all
1 2 hardly ever
2 3 yes, sometimes
3 4 yes, very often

35) **I have felt scared or panicky for no very good reason** m35 cmdscare

- 3 1 yes, quite a lot
2 2 yes, sometimes
1 3 no, not much
0 4 no, not at all

36) **Things have been getting on top of me** m36 cmdontop

- 3 1 yes, most of the time I haven't been able to cope at all
2 2 yes, sometimes I haven't been coping as well as usual
1 3 no, most of the time I have coped quite well
0 4 no, I have been coping as well as ever

37) **I have been so unhappy that I have had difficulty sleeping** m37 cmdunhap

- 3 1 yes, most of the time
- 2 2 yes, sometimes
- 1 3 not very often
- 0 4 no, not at all

38) **I have felt sad or miserable** m38 cmdsad

- 3 1 yes, most of the time
- 2 2 yes, quite often
- 1 3 not very often
- 0 4 no, not at all

39) **I have been so unhappy that I have been crying** m39 cmdcry

- 3 1 yes, most of the time
- 2 2 yes, quite often
- 1 3 only occasionally
- 0 4 no, never

40) **The thought of harming myself has occurred to me** m40 cmdharm

- 3 1 yes, quite often
- 2 2 sometimes
- 1 3 hardly ever
- 0 4 never

YOUR HOME

Below are some things that happen in most homes. Please read each item carefully and circle the number beside it to tell us what best describes **your** home.

SCALE: This shows you what you tell us about your 1st born twin when you circle a number

1	2	3	4	5
definitely untrue	somewhat untrue	not really true or untrue	somewhat true	definitely true

- | | | untrue | | | true | |
|--|--|--------|---|---|------|---|
| | | 1 | 2 | 3 | 4 | 5 |
| 41) The twins have a regular bedtime routine (for example, same bed each night, a bath before bed, reading a story, saying prayers)
yh41 cyhbed | | 1 | 2 | 3 | 4 | 5 |
| 42) You can't hear yourself think in our home yh42 cyhear | | 1 | 2 | 3 | 4 | 5 |
| 43) It's a real zoo in our home yh43 cyzoo | | 1 | 2 | 3 | 4 | 5 |
| 44) We are usually able to stay on top of things yh44 cyhontop | | 1 | 2 | 3 | 4 | 5 |
| 45) There is usually a television turned on somewhere in our home
yh45 cyhtv | | 1 | 2 | 3 | 4 | 5 |
| 46) The atmosphere in our house is calm yh46 cyhcalm | | 1 | 2 | 3 | 4 | 5 |

**COMPLETE DATA ARE ESSENTIAL, PLEASE MAKE SURE THAT
YOU HAVE COMPLETED AS MUCH OF THIS BOOK AS YOU CAN**

**THANK YOU FOR YOUR TIME AND
EFFORT!**

**TEDS
Research Centre
113 Denmark Hill
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