

4 Year In-Home Study

Parent Questionnaire.

Annotated for dataset and raw data coding.

Entries in red denote variable names and coding values used in the analysis dataset.
Entries in blue denote variable names and coding used in the cleaned raw data.

This document was created in August 2007 and last updated in April 2024.

Notes:

1. For all items, the variable names used in the dataset differ from the variable names used in the raw.
2. Dataset variables are shown in red. They all have prefix "epr".
3. Raw data variable names are shown in blue. These are named numerically within each section.
4. For many items, the value codes or score values that are used in the dataset are identical to those used in the cleaned raw data. In such cases, the values are shown only once, in red.
5. Where the coding differs between the raw data and the dataset, both sets of values are shown, in blue for raw data and in red for the dataset.
6. In the raw data, a 'missing' response is coded as -99 and 'not applicable' is coded as -77: these codes are not displayed for each item in this document. In the dataset these are recoded to missing values.
7. Nearly all the data entered in this questionnaire are coded numeric category responses based on tick boxes.
8. Most data items in this questionnaire are specific to the parent (or the family); however, there are a few twin-specific items in the Toys and Games section.
9. Twin-specific item variables have been double entered in the conventional way in the TEDS dataset. Hence, all dataset variables have names ending in either "1" (for the twin) or "2" (for the cotwin). Raw data variables are not structured or named in this way.
10. Generally, this document shows item variables and not derived dataset variables, except where (in the vocabulary items at the end) the derived variables are simple scores based on item responses.
11. The cleaned raw data and dataset do not contain any free text data from this questionnaire; all the recorded data are numeric.
12. The layout and formatting of the pages of the booklet have been slightly modified to incorporate the variable names and codes.

CONSENT FORM

Except for the ID used to identify each the data of each parent, data from this page were not recorded in the raw data.

Family ID

FamilyID. The ID is changed to a de-identified form in the dataset.

TwinAID:

TwinBID

Date of Test:

Comments:

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 this form, you are agreeing for us to visit you and your twins at home with some tests of their early development.

Responses on this page were used at the time of data collection to update the TEDS admin record of participant contact details. They were not recorded in the questionnaire raw data, except for the presence of a signature and the date, below).

Your first name

Your last name

Relationship to the twins (e.g. mother, guardian etc.)

Your address

Postcode

Your telephone number

First born twin's name

First born twin's last name

First born twin's date of birth

(day/month/year)

Second born twin's name

Second born twin's last name

Second born twin's date of birth

(day/month/year)

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

Signature

psign (true/false)

Date

Psigndt
(date value)

(day/month/year)

These two variables are not used in the dataset.

PLAY & TOYS

The following questions ask you about where your twins play and what sort of toys your twins play with. It would be great if we could also see some of the children's play materials and play areas. Please do not hesitate to ask about anything you do not understand.

Some items below are recoded to fewer response codes in the dataset, because of negligible responses in the more extreme categories.

1. PLACES TO PLAY INDOORS

- a) **Where do the children *usually* play indoors?** **epriplay plt01a**
 kitchen 1 sitting room 2 bedroom 3 other family room 4

- b) **How easy is it to keep an eye on the children while they are playing there?**
epripeye plt01b
 very easy 1 fairly easy 2 somewhat difficult 3 very difficult 4

Recoded in dataset to 1=very easy, 2=fairly easy, 3=difficult

- c) **Are you happy with having them play there?** **epriphap plt01c**
 very happy 1 fairly happy 2 a bit unhappy 3 very unhappy 4

Recoded in dataset to 1=very happy, 2=fairly happy, 3=unhappy

- d) **How many things are there that the children might break (like china or delicate objects)?** **epripbrk plt01d**
 many things 1 a few things 2 almost nothing 3

- e) **How many things are there that that might be dangerous for the children (like electrical equipment, matches, sharp tools or things that might fall on them)?**
epripdan plt01e
 many things 1 a few things 2 almost nothing 3

Recoded in dataset to 1=yes (many/few things), 0=no (almost nothing)

2. PLACES TO PLAY OUTDOORS

- a) **Where do the children *usually* play outdoors?** **eproplay plt02a**
 your own garden 1 a shared garden 2 general public space, eg. a local park 3

- b) **How often do they play there in good weather?** **eproprfq plt02b**
daily at least once a week at least 4 times a week less than once a week
1 2 3 4
1 3 2 3

Recoded ordinally in dataset to 1=daily, 2=several times weekly, 3=weekly or less

- c) **Does this place have fences or walls so that the children can't get out and other people can't get in?** **epropfen plt02c**
1 Yes, the area is completely enclosed
2 the area is partly enclosed
3 the area is completely open

d) **In this area, what things are there for them to play with?** (PLEASE TICK ALL THAT APPLY)
all coded as 1=yes (ticked), 0=no

- swings epropswi slide epropqli
plt02dsw plt02dsl
- sandpit epropstan climbing frame epropqli
plt02dsa plt02dcl
- tricycles or other toys with wheels eproptri plt02dtr
- other epropoth plt02do (please describe): (text not recorded)

e) **How safe is it for the children to play there on their own?** epropsaf plt02e
 very safe 1 fairly safe 2 bedroom 3 not at all safe 4
1 2 3

Recorded because third response 'bedroom' was misprinted.

f) **How easy is it for you to keep an eye on the children when they play there?**
epropeye plt02f
 very easy 1 fairly easy 2 not very easy 3 not at all easy 4
1 2 3 3

Recorded in dataset to 1=very easy, 2=fairly easy, 3=difficult

3. TOYS AND GAMES

In the raw data, the following are recorded as separate variables for elder (1st born) and younger (2nd born) twins.

In the dataset, the variables are double entered in the conventional way, and may refer to either elder or younger twins.

a) **In the last month, how often did your 1st born twin do the following things in play?** (PLEASE TICK ONE CHOICE FOR EACH ACTIVITY)

- exercise and sport like running, jumping, climbing** eprexer1/2 plt03aex
 most of the time 1 some of the time 2 a little 3 hardly or not at all 4
- pretend play (with other people or with toys)** eprpret1/2 plt03apr
 most of the time 1 some of the time 2 a little 3 hardly or not at all 4
- making or building thing like puzzles or Lego** eprmake1/2 plt03ama
 most of the time 1 some of the time 2 a little 3 hardly or not at all 4
- drawing or colouring** eprdraw1/2 plt03adr
 most of the time 1 some of the time 2 a little 3 hardly or not at all 4
- listening to stories** eprlist1/2 plt03ali
 most of the time 1 some of the time 2 a little 3 hardly or not at all 4

b) **In the last month, how often did your 2nd born twin do the following things in play?** (same dataset variables as in part (a), duplicated for double-entry in the dataset)

- exercise and sport like running, jumping, climbing** eprexer1/2 plt03bex
 most of the time 1 some of the time 2 a little 3 hardly or not at all 4
- pretend play (with other people or with toys)** eprpret1/2 plt03bpr
 most of the time 1 some of the time 2 a little 3 hardly or not at all 4
- making or building thing like puzzles or Lego** eprmake1/2 plt03bma
 most of the time 1 some of the time 2 a little 3 hardly or not at all 4
- drawing or colouring** eprdraw1/2 plt03bdr
 most of the time 1 some of the time 2 a little 3 hardly or not at all 4
- listening to stories** eprlist1/2 plt03bli
 most of the time 1 some of the time 2 a little 3 hardly or not at all 4

c) **Do the twins have any jigsaw puzzles?** plt03c

- no 0 yes 1 if yes, about how many? plt03cn (integer, 1 or more)

Two raw items combined into a single, ordinal, category variable in the dataset:
eprjigs: 0=no, 1=yes up to 4, 2=yes 5-9, 3=yes 10-19, 4=yes 20 or more.

d) **Do the twins have their own equipment for drawing and colouring like paper, crayons, markers, scissors?** epreqpdr plt03d

- none in the house 1 only some and shared with everyone 2
 yes, for the twins to share 3 each twin has his/her own 4

e) **Do the twins have their own equipment for building things, like blocks?**

epreqpbu plt03e

- none in the house 1 only some and shared with everyone 2
 yes, for the twins to share 3 each twin has his/her own 4

f) **Do the twins have their own equipment for pretend play, like dolls or action men, teacups, telephones, doctor's kits?** epreqppr plt03f

- none in the house 1 only some and shared with everyone 2
 yes, for the twins to share 3 each twin has his/her own 4

g) **Do you think that you have about the right amount of toys for the twins?**

(PLEASE TICK ONE CHOICE FOR EACH ACTIVITY)

pretend play eprampre plt03gpr

- definitely not enough 1 probably not enough 2
 probably enough 3 definitely enough/more than enough 4

making or building things like puzzles or Lego eprammak plt03gma

- definitely not enough 1 probably not enough 2
 probably enough 3 definitely enough/more than enough 4

drawing or colouring epramdra plt03gdr

- definitely not enough 1 probably not enough 2
 probably enough 3 definitely enough/more than enough 4

books eprambooo plt03gbo

- definitely not enough 1 probably not enough 2
 probably enough 3 definitely enough/more than enough 4

h) **Do you think that the toys and games you have for the twins are right for their age and development?** (PLEASE TICK ONE CHOICE FOR EACH ACTIVITY)

pretend play eprapre plt03hpr

- mostly too old 1 mostly about the right age 2 mostly too young 3

making or building things like puzzles or Lego eprapmak plt03hma

- mostly too old 1 mostly about the right age 2 mostly too young 3

drawing or colouring eprapdra plt03hdr

- mostly too old 1 mostly about the right age 2 mostly too young 3

books eprapboo plt03hbbo

- mostly too old 1 mostly about the right age 2 mostly too young 3

THE HOME ENVIRONMENT

A big part of TEDS is looking at language development. It would help us if we had a measure of the home language environment in which the twins live. It would be great if you would answer the following 50 multiple choice questions.

Each question starts with a word in **bold**. Next to the bold word are four other words. What we would like you to do is to pick one of the four words which means the same or nearly the same as the word in bold. Do not spend too long on each item, often the first word you think of is the right answer.

For example:

The bold word at the start of the line is **big**. The word "large" has been circled because it means the same, or nearly the same as "big".

1)	big	ill	<input checked="" type="radio"/> large	down	sour
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Now you have a go:

The bold word in the next line is **ancient**. Circle one of the other words that means the same or nearly the same as "ancient".

1)	ancient	dry	long	happy	old
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You should have circled "old" because it means the same or nearly the same as "ancient".

For the following items, circle the word which means the same or nearly the same as the word in **bold**. Please choose only *one* word for each line.

In the raw data, the items below are recorded as responses, coded 1-4 as shown.
In the dataset, the variables below record the scores coded as 1=correct, 0=incorrect.
In each case, one response is treated as correct, while the other three responses are treated as incorrect.

	Raw data coding:		1	2	3	4
1)	moist	eprvoc01 pvc01	curt 0	humane 0	damp 1	moderate 0
2)	quick	eprvoc02 pvc02	major 0	hasty 1	narrow 0	vigorous 0
3)	annual	eprvoc03 pvc03	variable 0	yearly 1	listless 0	untenable 0
4)	splendid	eprvoc04 pvc04	expansive 0	gay 0	rigid 0	excellent 1
5)	customary	eprvoc05 pvc05	nocturnal 0	radial 0	prime 0	usual 1
6)	fluid	eprvoc06 pvc06	livid 0	dead 0	liquid 1	talkative 0
7)	idle	eprvoc07 pvc07	lazy 1	cross 0	wild 0	useful 0
8)	deserted	eprvoc08 pvc08	drab 0	absurd 0	disturbed 0	abandoned 1
9)	rare	eprvoc09 pvc09	holy 0	crass 0	infrequent 1	weak 0
10)	contented	eprvoc10 pvc10	nasty 0	continuous 0	defamatory 0	satisfied 1
11)	enraged	eprvoc11 pvc11	pleasing 0	poor 0	angry 1	domestic 0
12)	beneficial	eprvoc12 pvc12	artificial 0	tamable 0	helpful 1	piquant 0
13)	mouldy	eprvoc13 pvc13	tonic 0	musty 1	shapeless 0	mute 0
14)	rasping	eprvoc14 pvc14	harsh 1	minute 0	kinaesthetic 0	marshy 0
15)	dietary	eprvoc15 pvc15	diagrammatic 0	amorphous 0	dietetic 1	grammatical 0

	Raw data coding:	1	2	3	4
16) sober	eprvoc16 pvc16	dirty 0	cloudy 0	serious 1	fitting 0
17) droll	eprvoc17 pvc17	jolly 0	odd 1	foreign 0	vigorous 0
18) stately	eprvoc18 pvc18	dignified 1	thin 0	digestible 0	valid 0
19) disreputable	eprvoc19 pvc19	shameful 1	horticultural 0	susceptible 0	excellent 0
20) genteel	eprvoc20 pvc20	wealthy 0	urban 0	polite 1	ignorant 0
21) original	eprvoc21 pvc21	oral 0	derelict 0	first 1	talkative 0
22) novel	eprvoc22 pvc22	expensive 0	new 1	gloomy 0	radical 0
23) famous	eprvoc23 pvc23	celebrated 1	faithful 0	renewed 0	nimble 0
24) systematic	eprvoc24 pvc24	laudatory 0	orderly 1	jubilant 0	ambitious 0
25) fatigued	eprvoc25 pvc25	pliable 0	grave 0	weary 1	fanatic 0
26) resplendent	eprvoc26 pvc26	phonetic 0	tart 0	brilliant 1	fearless 0
27) generous	eprvoc27 pvc27	oblivious 0	ardent 0	liberal 1	defiant 0
28) kingly	eprvoc28 pvc28	bland 0	facial 0	recent 0	regal 1
29) flexible	eprvoc29 pvc29	pitiable 0	formal 0	pliant 1	peaceful 0
30) sagacious	eprvoc30 pvc30	exotic 0	apparent 0	wise 1	mild 0
31) heedless	eprvoc31 pvc31	patient 0	eligible 0	parallel 0	rash 1
32) deficient	eprvoc32 pvc32	constant 0	dreary 0	lacking 1	peculiar 0
33) vigilant	eprvoc33 pvc33	watchful 1	indulgent 0	valorous 0	nascent 0
34) minimum	eprvoc34 pvc34	humid 0	restricted 0	tranquil 0	least 1
35) gallant	eprvoc35 pvc35	chivalrous 1	authentic 0	treacherous 0	probable 0
36) giddy	eprvoc36 pvc36	feminine 0	casual 0	dizzy 1	comical 0
37) discreet	eprvoc37 pvc37	caustic 0	redolent 0	honourable 0	prudent 1
38) destined	eprvoc38 pvc38	simplified 0	fated 1	directional 0	lucky 0
39) eternal	eprvoc39 pvc39	momentous 0	benign 0	priceless 0	perpetual 1
40) lavish	eprvoc40 pvc40	combined 0	ribald 0	worthy 0	extravagant 1
41) defective	eprvoc41 pvc41	concealed 0	mythical 0	faulty 1	external 0
42) vague	eprvoc42 pvc42	numb 0	obscure 1	indecent 0	vermiculate 0
43) essential	eprvoc43 pvc43	classical 0	indispensable 1	deplorable 0	candid 0
44) impulsive	eprvoc44 pvc44	impetuous 1	petrified 0	immature 0	compulsory 0
45) diffident	eprvoc45 pvc45	fabulous 0	shy 1	valuable 0	alphabetical 0
46) erroneous	eprvoc46 pvc46	solemn 0	false 1	ironic 0	tragic 0
47) benevolent	eprvoc47 pvc47	kind 1	native 0	suitable 0	modest 0
48) grimy	eprvoc48 pvc48	stern 0	filthy 1	grim 0	colourful 0
49) lacerated	eprvoc49 pvc49	disgruntled 0	mangled 1	fringed 0	stricken 0
50) insolent	eprvoc50 pvc50	studious 0	envious 0	arrogant 1	accidental 0