



Healthy Toddler Assessment Database

**Reference Guide
For Years 2013-2016**

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Healthy Toddler Assessment Database Reference Guide

How to obtain more information

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- email us at nb-irdt@unb.ca
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About this guide

This reference guide is intended for users of the Healthy Toddler Assessment (HTA) Database. This guide provides an overview of the data, the general methodology used in its creation and important technical information. It contains operational procedures as well as table and field descriptions. The development of this document is an ongoing process that will be updated with changes that occur in the Healthy Toddler Database.

This data product is provided 'as is', and NB-IRDT makes no warranty, either express or implied, including but not limited to, warranties of merchantability and fitness for a particular purpose. In no event will NB-IRDT be liable for any direct, special, indirect, consequential or other damages, however caused.

Healthy Toddler Assessment Database Reference Guide

Overview

The Healthy Toddler Assessment (HTA) database is a provincial database on early health screening for New Brunswick children aged 16 to 24 months. Data is collected by the department of health using HTA questionnaires administered by public health nurses. The database contains data on dental, vision, hearing and safety as well as child development, growth, nutrition and immunizations. Parent literacy and depression data is also included.

Parents of 16-24 month-olds are invited to bring their children in for voluntary assessment. A public health nurse assesses the child's growth, development, nutrition, as well as the teeth, vision and hearing. The parents are also assessed for risk of depression and literacy challenges, and advised on child safety, vaccinations and accident prevention

The New Brunswick Institute for Research Data and Training (NB-IRDT) holds an anonymized, linkable version of this data which provides project specific datasets with further scrambled identifiers to researchers.

Data Range

2013-2016 (Fiscal Years)

Data Source

New Brunswick Department of Health

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Acknowledgements

The Healthy Toddler Assessment (HTA) Data is used with permission of the New Brunswick Department of Health.

Healthy Toddler Assessment Database Reference Guide

About this product

Purpose of the product

The purpose of the Healthy Toddler Assessment (HTA) Database is to provide usable and linkable New Brunswick child health and development assessment data to researchers for public health and other research as well as for the development of population estimates and projections.

Content

This version of the Healthy Toddler Assessment (HTA) Database contains twenty-one (21) groups of data elements:

Group	Description
1	Demographic Information
2	Dental Information
3	Accident/Injury Information
4	Vision Information
5	Hearing Information
6	Reading/Writing Information
7	The Ages and Stages Questionnaires (ASQ) Basic Information
8	ASQ Total Scores at 16 Months
9	ASQ Total Scores at 18 Months
10	ASQ Total Scores at 20 Months
11	ASQ Total Scores at 22 Months
12	ASQ Total Scores at 24 Months
13	ASQ Child Developmental Questions
14	ASQ Communication Questions
15	ASQ Gross Motor Questions
16	ASQ Fine Motor Questions
17	ASQ Problem Solving Questions
18	ASQ Personal Social Questions
19	Parental Mental Health Information
20	Nutrition Information
21	HTA Information

Each group includes the name, type (character or numeric), length, description, and count of non-missing values of the data elements.

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General methodology

The Healthy Toddler Assessment (HTA) database contains anonymized data on results of health assessment questionnaires offered to all children in New Brunswick aged 16 to 24 months and their families. The public health nurse evaluates various aspects of the child's growth and development including physical skills, language development, social and personal relationships, as well as dental, vision and hearing. This data from the Department of Health is stored securely by the NBIRD for authorized access to researchers.

Reference Date

2013 - 2016 (Fiscal Years)

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Technical specifications

Record layouts and data descriptions

1. Demographic Information

Variable Name	Type	Length	Description	Number of Non-Missing Values
Gender	N	8	Gender code	4350
Gender description	C	7	Gender description	4345
Birth date	N	8	Child's birth date	4350
City	C	30	City name	4335
Postal code	C	6	Scrambled postal code	4245
Region name	C	15	Region name	4340
Assessment ID	N	8	Scrambled assessment identifier	4350
Status date	N	8	Status date	4350
Tool version NB	N	8	New Brunswick tool version	4350

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Gender code

GENDER_CD: Child's gender code.

Code	Description
1	Male
2	Female

Gender description

GENDER_desc: Child's gender description – Male/Female

Date of birth

BIRTH_DATE: Child's date of birth in the format DDMMYY

City

CITY_NAME: Name of city where child lives. Free text.

Postal code

POSTAL_ZIP_CD: Child's postal code

Region name

REGION_NAME: The closest New Brunswick City (urban region). For instance, Dieppe city is considered part of the "Moncton region". Free text.

Assessment Identification number

ASSESSMENT_ID: Assessment unique identifier. This variable is used mainly for validation. Researchers would rarely have access to this variable.

Status date

STATUS_DT: Date of assessment in the format DDMMYY.

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Tool version

TOOL_VERSION_NB: This is the version of the assessment that was used. Whenever questions are added/deleted/changed a new version of the tool is created.

Changes: Version 1 to Version 2

- Questions 6.1-6.8, 10.1-10.7, 14.1-14.6, 18.1-18.8 were added to version 2. In version 1 users only recorded answers to the lead questions (e.g. Child has risk of dental caries?) but were not required to record the answers to the specific questions.
- Question 163 – Method of reporting percentile ranges for some of the growth measurements were updated in line with changes made at the national level.
- Question 165 – Method of assessing that the child is up-to-date on their immunizations for the purpose of the HTA changed.

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2. Dental Information

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q2	C	7	Concern for growth or development	4320
Q5	C	3	Child seen dentist	4335
Q6_0	C	12	Risk of dental caries	4300
Q6_1	C	3	Risk parent has untreated cavities	140
Q6_2	C	1	Risk child has special health needs	20
Q6_3	C	3	Risk child has spots on teeth	75
Q6_4	C	3	Risk child eats between meals	875
Q6_5	C	3	Risk child sleeps with bottle	210
Q6_6	C	3	Risk child snacks often	185
Q6_7	C	3	Risk parent brushes child's teeth	630
Q6_8	C	3	Risk family does not have fluoridated water	1460

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Q2-Concern for growth or development

Question: Does the parent/guardian have concerns about the child's growth or development?

- No
- Not assessed
- Refused
- Unknown
- Yes

Q5-Child seen dentist

Question: Has this child already seen a dentist?

- No
- Not assessed
- Refused
- Unknown
- Yes

Q6_0-Risk of dental caries

Question: Does child have risk of dental caries?

- No
- Not assessed
- Refused
- Unknown
- Yes

Q6_1-Risk parent has untreated cavities

Question: Does parent currently has untreated cavities, broken teeth or toothaches?

- Yes
- No
- Unknown

Q6_2-Risk child has special health needs

Question: Does child have special development or health needs?

- Yes

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- No
- Unknown

Q6_3-Risk child has spots on teeth

Question: Does child has chalky white or brown spots on their teeth?

- Yes
- No
- Unknown

Q6_4-Risk child drinks between meals

Question: Does child drink juice or milk from a bottle or sippy cup between meals?

- Yes
- No
- Unknown

Q6_5-Risk child sleeps with a bottle

Question: Does child sleep with a bottle or sippy cup containing juice or milk?

- Yes
- No
- Unknown

Q6_6-Risk child snacks often

Question: Does child snack often between meals on sweet or sticky foods?

- Yes
- No
- Unknown

Q6_7-Risk parent brushes child's teeth

Question: Does parent brush child's teeth less than twice a day?

- Yes
- No

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- Unknown

Q6_8-Risk family does not have fluoridated water

Question: Does family live in an area that does NOT have fluoridated water.

- Yes
- No
- Unknown

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3. Accident/Injury Information

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q9	C	12	Accident or incident	4315
Q10_0	C	12	Risk of injury or incident	4310
Q10_1	C	3	Smoke alarm	35
Q10_2	C	1	Appropriate car seat	0
Q10_3	C	3	Risk of unlocked medication	15
Q10_4	C	3	Windows cannot be locked	5
Q10_5	C	3	Gate on stairs	115
Q10_6	C	3	Swimming pool	15
Q10_7	C	3	Child wears helmet	185

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Q9-Accident or incident

Question: Has this child already been to a health care provider or emergency room because of an accident/incident?

- No
- Not assessed
- Refused
- Unknown
- Yes

Q10_0-Risk of injury or incident

Risk injury/incident: Does child have a risk of an injury/incident?

- No
- Not assessed
- Refused
- Unknown
- Yes

Q10_1-Smoke alarm

Question: Family does not have a working smoke alarm on every level of their home, choose:

- Yes
- No
- Unknown

Q10_2-Appropriate car seat

Question: Does child use a car safety seat that does not suit his/her age or size?

- Yes
- No
- Unknown

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Q10_3-Risk of unlocked medication

Question: Family does not keep medication, cleaning products, and alcohol out of reach, or in a locked cupboard, choose:

- Yes
- No
- Unknown

Q10_4-Risk of unlocked windows

Question: Family cannot lock their windows, choose:

- Yes
- No
- Unknown

Q10_5-Gates on stairs

Question: Family does not have a gate for the top and bottom of the stairs, choose:

- Yes
- No
- Unknown

Q10_6-Swimming pool

Question: Family has a swimming pool that is not fenced on all four (4) sides and not locked, choose:

- Yes
- No
- Unknown

Q10_7-Child wears helmet

Question: Child does not wear a helmet when riding on toys (e.g. bicycle)?

- Yes
- No

- Unknown

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4. Vision Information

Variable Name	Type	Length	Label	Number of Non-Missing Values
Q13	C	3	Vision	4310
Q14_0	C	12	Risk of vision problem	4305
Q14_1	C	3	Risk of premature birth	135
Q14_2	C	1	Risk of developmental delay	10
Q14_3	C	1	Risk child has a medical syndrome	10
Q14_4	C	3	Family history of strabismus	475
Q14_5	C	3	Risk family wore glasses	1060
Q14_6	C	3	Risk of poor eyesight	155

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Q13_Vision

Question: Is the child already seeing a health care provider because of his/her vision?

- No
- Not assessed
- Refused
- Unknown
- Yes

Q14_0-Risk of vision problem

Question: Does child have a risk of vision problems?

- No
- Not assessed
- Refused
- Unknown
- Yes

Q14_1-Premature birth

Question: Was child born earlier than 37 weeks of gestation?

- Yes
- No
- Unknown

Q14_2-Risk of developmental delay

Question: Has a doctor said that the child has a developmental delay?

- Yes
- No
- Unknown

Q14_3-Risk child has medical syndrome

Question: Does the child have a medical syndrome (e.g. Down syndrome) or a chronic condition (e.g. arthritis, diabetes).

- Yes
- No
- Unknown

Q14_4-Family history of strabismus

Question: Does a family member or the child have Strabismus or Amblyopia?

- Yes
- No
- Unknown

Q14_5-Family wore glasses

Question: Did a family member wear glasses from the age of ten (10) years, or younger?

- Yes
- No
- Unknown

Q14_6-Risk of poor eyesight

Question: Did a family member have poor eyesight even when wearing glasses, at any age?

- Yes
- No
- Unknown

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5. Hearing Information

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q17	C	3	Hearing	4315
Q18_0	C	12	Risk of hearing problem	4305
Q18_1	C	3	Risk of speech problem	195
Q18_2	C	3	Risk family member has hearing problem	105
Q18_3	C	3	Risk of severe jaundice	5
Q18_4	C	3	Risk child missed hearing screening at birth	35
Q18_5	C	3	Risk child has different skull	10
Q18_6	C	1	Risk child has a syndrome	5
Q18_7	C	3	Risk child has severe infection	55
Q18_8	C	3	Risk child hit his/her head	75

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Q17-Hearing

Question: Is the child already seeing a health care provider because of his/her hearing?

- No
- Not assessed
- Refused
- Unknown
- Yes

Q18_0-Risk of hearing problem

Question: Does child have a risk of hearing problems?

- No
- Not assessed
- Refused
- Unknown
- Yes

Q18_1-Risk of speech problem

Question: Does parent think the child has a speech problem.

- Yes
- No
- Unknown

Q18_2-Risk family has hearing problem

Question: Has a family member had permanent hearing loss before fifteen (15) years of age?

- Yes
- No
- Unknown

Q18_3-Risk of severe jaundice

Question: Has child had severe jaundice (needing a blood transfusion) at birth?

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- Yes
- No
- Unknown

Q18_4-Risk child missed hearing screening at birth

Question: Has child missed the hearing screening at birth or follow-up appointment in Audiology?

- Yes
- No
- Unknown

Q18_5-Risk child has a different skull

Question: Does child have a different skull, face, or ear shape (e.g. low-set ears, cleft palate)?

- Yes
- No
- Unknown

Q18_6-Risk child has a syndrome

Question: Does child have a syndrome (e.g. Down syndrome) or a neurodegenerative disorder (e.g. neurofibromatosis)?

- Yes
- No
- Unknown

Q18_7-Risk child has severe infection

Question: Has child had a severe infection (e.g. meningitis or toxoplasmosis) or IV antibiotics?

- Yes
- No
- Unknown

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Q18_8-Risk child hit his/her head

Question: Has child hit his/her head and needed to see a doctor?

- Yes
- No
- Unknown

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6. Reading/Writing Information

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q21	C	12	Parent/guardian reading or writing	4325
Q24	C	7	Developmental concerns	4345

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Q21-Parent/guardian reading or writing

Question: Does the parent/guardian have difficulties reading or writing?

- No
- Not assessed
- Refused
- Unknown
- Yes

Q24-Developmental concerns

Question: Is the child already seeing a health care provider because of developmental concerns?

- No
- Not assessed
- Refused
- Unknown
- Yes

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7. Ages & Stages Questionnaires (ASQ) Basic Information

The Ages & Stages Questionnaires® (ASQ-3™): A Parent-Completed Child Monitoring System. Third Edition. The purpose of the ASQ-3 is to screen and monitor a child's general development. The screening tool identifies children who need a more extensive assessment from those that do not. ASQ-3 is composed of twenty-one (21) questionnaires. In the Healthy Toddler Assessment they relate to children between the ages of sixteen (16) months to twenty-four (24) months. Each questionnaire has thirty (30) questions that assess five (5) areas of development: Communication, Gross Motor, Fine Motor, Problem solving, and Personal-Social. Each area comprises six (6) questions that progress from more simple behaviours or skills to more complex ones.

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q25-Was ASQ completed	C	12	Was ASQ completed?	4345
Q27-Age ASQ completed	C	8	Age when ASQ completed	4300
Q28-Age Prematurity adjusted	C	3	Was age adjusted for prematurity?	3930
Q29-Gestation at birth	N	8	What was gestational age at birth?	200

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Healthy Toddler Assessment Database Reference Guide

Q25-Was ASQ completed

Question: Ages & Stages Questionnaire (ASQ-3) completed?

- No
- Not assessed
- Refused
- Unknown
- Yes

Q27-Age ASQ completed

Question: ASQ-3 Information Summary to be completed. This refers to the ASQ assessment that was administered (due to the age of the child).

Age ASQ completed	Age of Child
16 months ASQ	15 mo 0 days to 16 mo 30 days
18 months ASQ	17 mo 0 days to 18 mo 30 days
20 months ASQ	19 mo 0 days to 20 mo 30 days
22 months ASQ	21 mo 0 days to 22 mo 30 days
24 months ASQ	23 mo 0 days to 25 mo 15 days

Q28_Age prematurity adjusted

Question: Was age adjusted for prematurity when selecting the questionnaire?

- No
- Yes

Q29_AS Gestational_Age

ASQ Gestational Age: Number of weeks of gestation at birth. Text.

Healthy Toddler Assessment Database Reference Guide

8. Ages & Stages Questionnaires (ASQ) Total Scores at 16 months

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q31-Communication total score 16mo	N	8	ASQ total communication score at 16 months	30
Q32-Communication total grade 16mo	C	21	ASQ total communication score grade at 16 months	30
Q33-Gross motor total score 16mo	N	8	ASQ total gross motor score at 16 months	30
Q34-Gross motor total grade 16mo	C	19	ASQ total gross motor score grade at 16 months	30
Q35-Fine motor total score 16 mo	N	8	ASQ total fine motor score at 16 months	30
Q36-Fine motor total grade 16mo	C	21	ASQ total fine motor score grade at 16 months	30
Q37-Problem solving total score 16mo	N	8	ASQ total problem solving score at 16 months	30
Q38-Problem solving total grade 16mo	C	19	ASQ total problem solving score grade at 16 months	30
Q39-Personal social total score 16mo	N	8	ASQ total personal-social score at 16 months	30
Q40-Personal social total grade 16mo	C	19	ASQ total personal-social score grade at 16 months	30

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Healthy Toddler Assessment Database Reference Guide

Q31-Communication total score 16mo

Total score for the 6 communication questions in ASQ at the age of 16 months. Text. Ranges from 0 and 60.

Q32-Communication total grade 16mo

ASQ Communication total score at the age of 16 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q33-Gross motor total score 16mo

Total score for the 6 gross motor questions in ASQ at the age of 16 months. Text. Ranges from 0 and 60.

Q34-Gross motor total grade 16mo

ASQ gross motor total score at the age of 16 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q35-Fine motor total score 16 mo

Total score for the 6 fine motor questions in ASQ at the age of 16 months. Text. Ranges from 0 and 60.

Q36-Fine motor total grade 16mo

ASQ fine motor total score at the age of 16 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff

Healthy Toddler Assessment Database Reference Guide

- White: above cutoff

Q37-Problem solving total score 16mo

Total score for the 6 problem solving questions in ASQ at the age of 16 months. Text. Ranges from 0 and 60.

Q38-Problem solving total grade 16mo

ASQ problem solving total score at the age of 16 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q39-Personal social total score 16mo

Total score for the 6 personal social questions in ASQ at the age of 16 months. Text. Ranges from 0 and 60.

Q40-Personal social total grade 16mo

ASQ Personal-social total score at the age of 16 months.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Healthy Toddler Assessment Database Reference Guide

9. Ages & Stages Questionnaires (ASQ) Total Scores at 18 months

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q41-Communication total score 18mo	C	6	ASQ total communication score at 18 months	2865
Q42-Communication total grade 18mo	C	21	ASQ total communication score grade at 18 months	2800
Q43-Gross motor total score 18mo	C	6	ASQ total gross motor score at 18 months	2865
Q44-Gross motor total grade 18mo	C	21	ASQ total gross motor score grade at 18 months	2795
Q45-Fine motor total score 18mo	C	5	ASQ total fine motor score at 18 months	2860
Q46-Fine motor total grade 18mo	C	21	ASQ total fine motor score grade at 18 months	2795
Q47-Problem solving total score 18mo	C	5	ASQ total problem solving score at 18 months	2860
Q48-Problem solving total grade 18mo	C	21	ASQ total problem solving score grade at 18 months	2790
Q49-Personal social total score 18mo	C	5	ASQ total personal-social score at 18 months	2865
Q50-Personal social total grade 18mo	C	21	ASQ total personal-social score grade at 18 months	2785

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Q41-Communication total score 18mo

Total score for the 6 communication questions in ASQ at the age of 18 months. Text. Ranges from 0 and 60.

Q42-Communication total grade 18mo

ASQ Communication total score at the age of 16 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q43-Gross motor total score 18mo

Total score for the 6 gross motor questions in ASQ at the age of 18 months. Text. Ranges from 0 and 60.

Q44-Gross motor total grade 18mo

ASQ gross motor total score at the age of 18 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q45-Fine motor total score 18 mo

Total score for the 6 fine motor questions in ASQ at the age of 18 months. Text. Ranges from 0 and 60.

Q46-Fine motor total grade 16mo

ASQ fine motor total score at the age of 16 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff

Healthy Toddler Assessment Database Reference Guide

- White: above cutoff

Q47-Problem solving total score 18mo

Total score for the 6 problem solving questions in ASQ at the age of 18 months. Text. Ranges from 0 and 60.

Q48-Problem solving total grade 18mo

ASQ problem solving total score at the age of 16 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q49-Personal social total score 18mo

Total score for the 6 personal social questions in ASQ at the age of 18 months. Text. Ranges from 0 and 60.

Q50-Personal social total grade 18mo

ASQ Personal-social total score at the age of 18 months.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

10. Ages & Stages Questionnaires (ASQ) Total Scores at 20 months

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q51-Communication total score 20mo	C	6	ASQ total communication score at 20 months	1155
Q52-Communication total grade 20mo	C	21	ASQ total communication score grade at 20 months	1140
Q53-Gross motor total score 20mo	C	5	ASQ total gross motor score at 20 months	1155
Q54-Gross motor total grade 20mo	C	21	ASQ total gross motor score grade at 20 months	1135
Q55-Fine motor total score 20mo	C	5	ASQ total fine motor score at 20 months	1155
Q56-Fine motor total grade 20mo	C	21	ASQ total fine motor score grade at 20 months	1135
Q57-Problem solving total score 20mo	C	5	ASQ total problem solving score at 20 months	1155
Q58-Problem solving total grade 20mo	C	21	ASQ total problem solving score grade at 20 months	1135
Q59-Personal social total score 20mo	C	5	ASQ total personal-social score at 20 months	1155
Q60-Personal social total grade 20mo	C	21	ASQ total personal-social score grade at 20 months	1135

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Q51-Communication total score 20mo

Total score for the 6 communication questions in ASQ at the age of 20 months. Text. Ranges from 0 and 60.

Q52-Communication total grade 20mo

ASQ Communication total score at the age of 16 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q53-Gross motor total score 20mo

Total score for the 6 gross motor questions in ASQ at the age of 20 months. Text. Ranges from 0 and 60.

Q54-Gross motor total grade 20mo

ASQ gross motor total score at the age of 20 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q55-Fine motor total score 20 mo

Total score for the 6 fine motor questions in ASQ at the age of 20 months. Text. Ranges from 0 and 60.

Q56-Fine motor total grade 20mo

ASQ fine motor total score at the age of 20 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff

Healthy Toddler Assessment Database Reference Guide

- White: above cutoff

Q57-Problem solving total score 20mo

Total score for the 6 problem solving questions in ASQ at the age of 20 months. Text. Ranges from 0 and 60.

Q58-Problem solving total grade 20mo

ASQ problem solving total score at the age of 20 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q59-Personal social total score 20mo

Total score for the 6 personal social questions in ASQ at the age of 20 months. Text. Ranges from 0 and 60.

Q60-Personal social total grade 22mo

ASQ Personal-social total score at the age of 22 months.

- Dark: Below cutoff
- Grey: close to cutoff
- White: above cutoff

Healthy Toddler Assessment Database Reference Guide

11. Ages & Stages Questionnaires (ASQ) Total Scores at 22 months

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q61-Communication total score 22mo	C	5	ASQ total communication score at 22 months	180
Q62-Communication total grade 22mo	C	21	ASQ total communication score grade at 22 months	175
Q63-Gross motor total score 22mo	C	5	ASQ total gross motor score at 22 months	180
Q64-Gross motor total grade 22mo	C	21	ASQ total gross motor score grade at 22 months	175
Q65-Fine motor total score 22mo	C	5	ASQ total fine motor score at 22 months	180
Q66-Fine motor total grade 22mo	C	19	ASQ total fine motor score grade at 22 months	175
Q67-Problem solving total score 22mo	C	5	ASQ total problem solving score at 22 months	180
Q68-Problem solving total grade 22mo	C	19	ASQ total problem solving score grade at 22 months	175
Q69-Personal social total score 22mo	C	5	ASQ total personal-social score at 22 months	180
Q70-Personal social total grade 22mo	C	19	ASQ total personal-social score grade at 22 months	175

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Healthy Toddler Assessment Database Reference Guide

Q61-Communication total score 22mo

Total score for the 6 communication questions in ASQ at the age of 22 months. Text. Ranges from 0 and 60.

Q62-Communication total grade 22mo

ASQ Communication total score at the age of 22 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q63-Gross motor total score 22mo

Total score for the 6 gross motor questions in ASQ at the age of 22 months. Text. Ranges from 0 and 60.

Q64-Gross motor total grade 22mo

ASQ gross motor total score at the age of 22 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q65-Fine motor total score 22 mo

Total score for the 6 fine motor questions in ASQ at the age of 16 months. Text. Ranges from 0 and 60.

Q66-Fine motor total grade 22mo

ASQ fine motor total score at the age of 22 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff

Healthy Toddler Assessment Database Reference Guide

- White: above cutoff

Q67-Problem solving total score 22mo

Total score for the 6 problem solving questions in ASQ at the age of 22 months. Text. Ranges from 0 and 60.

Q68-Problem solving total grade 22mo

ASQ problem solving total score at the age of 22 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q69-Personal social total score 22mo

Total score for the 6 personal social questions in ASQ at the age of 22 months. Text. Ranges from 0 and 60.

Q70-Personal social total grade 22mo

ASQ Personal-social total score at the age of 22 months.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

12. Ages & Stages Questionnaires (ASQ) Total Scores at 24 months

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q71-Communication total score 24mo	C	5	ASQ total communication score at 24 months	70
Q72-Communication total grade 24mo	C	21	ASQ total communication score grade at 24 months	70
Q73-Gross motor total score 24mo	C	5	ASQ total gross motor score at 24 months	70
Q74-Gross motor total grade 24mo	C	19	ASQ total gross motor score grade at 24 months	70
Q75-Fine motor total score 24mo	C	5	ASQ total fine motor score at 24 months	70
Q76-Fine motor total grade 24mo	C	21	ASQ total fine motor score grade at 24 months	70
Q77-Problem solving total score 24mo	C	5	ASQ total problem solving score at 24 months	70
Q78-Problem solving total grade 24mo	C	21	ASQ total problem solving score grade at 24 months	70
Q79-Personal social total score 24mo	C	5	ASQ total personal-social score at 24 months	70
Q80-Personal social total grade 24mo	C	21	ASQ total personal-social score grade at 24 months	70

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Healthy Toddler Assessment Database Reference Guide

Q71-Communication total score 24mo

Total score for the 6 communication questions in ASQ at the age of 24 months. Text. Ranges from 0 and 60.

Q72-Communication total grade 24mo

ASQ Communication total score at the age of 24 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q73-Gross motor total score 24mo

Total score for the 6 gross motor questions in ASQ at the age of 24 months. Text. Ranges from 0 and 60.

Q74-Gross motor total grade 24mo

ASQ gross motor total score at the age of 24 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q75-Fine motor total score 24mo

Total score for the 6 fine motor questions in ASQ at the age of 24 months. Text. Ranges from 0 and 60.

Q76-Fine motor total grade 24mo

ASQ fine motor total score at the age of 24 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff

Healthy Toddler Assessment Database Reference Guide

- White: above cutoff

Q77-Problem solving total score 24mo

Total score for the 6 problem solving questions in ASQ at the age of 24 months. Text. Ranges from 0 and 60.

Q78-Problem solving total grade 24mo

ASQ problem solving total score at the age of 16 months. DARK means 'Potential Problem Area'. Further assessment with a professional may be needed.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

Q79-Personal social total score 24mo

Total score for the 6 personal social questions in ASQ at the age of 24 months. Text. Ranges from 0 and 60.

Q80-Personal social total grade 24mo

ASQ Personal-social total score at the age of 24 months.

- Dark: below cutoff
- Grey: close to cutoff
- White: above cutoff

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13. ASQ Child Developmental Questions

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q83-ASQ Child hears well	C	3	Child hears well?	4275
Q84-ASQ Talks like others	C	3	Child talks like others?	4275
Q85-ASQ Understands	C	3	You understand what child says?	4275
Q86-ASQ walking	C	3	Child walks, runs and climbs like others?	4280
Q87-ASQ deafness	C	3	Family history of deafness/hearing impairment?	4275
Q88-ASQ vision	C	3	Concerns about child's vision?	4285
Q89-ASQ Medical problem	C	3	Child had medical problems in last several months?	4285
Q90-ASQ Behavior	C	3	Concerns about child's behavior?	4285
Q91-ASQ Parent Worry	C	3	Anything worry you about your child?	4215

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Q83_ASQ_child_hear_well

ASQ child hear well: Do you think your child hears well?

- No
- Yes

Q84_ASQ_talk_like_others

ASQ talk like others Do you think your child talks like other toddlers his/her age?

- No
- Yes

Q85_ASQ_understand

ASQ understand: Can you understand most of what your toddler says?

- No
- Yes

Q86_ASQ_walks_runs_climbs_like_o

ASQ walks runs climbs like others: Do you think your toddler walks, runs, and climbs like other toddlers his/her age?

- No
- Yes

Q87_ASQ_deafness_and_hearing

ASQ deafness and hearing: Does either parent have a family history of childhood deafness or hearing impairment?

- No
- Yes

Q88_ASQ_vision

ASQ vision: Do you have concerns about your child's vision?

- No
- Yes

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Q89_ASQ_medical_last_several_mon

ASQ medical last several months: Has your child had any medical problems in the last several months?

- No
- Yes

Q90_ASQ_behavior

ASQ behavior: Do you have any concerns about your child's behavior?

- No
- Yes

Q91_ASQ_worry

ASQ worry: Does anything about your child worry you?

- No
- Yes

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14. ASQ Communication Questions

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q95- Question 1	C	1	Child points when he/she wants something?	4345
Q96- Question 2	C	1	Child goes to another room when you asked to find a toy or familiar object	4345
Q97- Question 3	C	1	Child says eight or more words in addition to 'Mama' and 'Dada'?	4345
Q98- Question 4	C	1	Child imitates a two-word sentence?	4345
Q99-Question 5	C	1	Child points to correct picture?	4345
Q100-Question 6	C	1	Child says two or three words that represent different ideas?	4345

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Healthy Toddler Assessment Database Reference Guide

Q95-ASQ Communication Question 1

When your child wants something, does he/she tell you by pointing to it?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q96-ASQ Communication Question 2

When you ask your child to, does he or she go into another room to find a familiar toy or object? (You might ask, 'Where is your ball' or 'Bring me your coat,' or 'Go get your blanket')

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q97-ASQ Communication Question 3

Does your child say eight or more words in addition to 'Mama', and 'Dada'?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q98-ASQ Communication Question 4

Does your child imitate a two word sentence? For example, when you say a two-word phrase such as 'Mama eat', 'Daddy play', 'Go home', or 'What's this?' does your child say both words back to you?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

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Q99-ASQ Communication Question 5

Without your showing him/her, does your child point to the correct picture when you say, 'show me the kitty,' or ask, where is the dog?'

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q100-ASQ Communication Question 6

Does your child say two or three words that represent different ideas together, such as 'See dog', 'Mommy come home, or 'kitty gone'?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Healthy Toddler Assessment Database Reference Guide

15. ASQ Gross Motor Questions

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q101-Question 1	C	1	Child bends and stands again without support?	4345
Q102-Question 2	C	1	Child walks or crawls?	4345
Q103-Question 3	C	1	Child walks well, seldom falls?	4345
Q104-Question 4	C	1	Child climbs on objects to reach what he/she wants?	4345
Q105-Question 5	C	1	Child walks down stairs with support?	4345
Q106-Question 6	C	1	Child kicks ball when you show him/her how to?	4345

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Q101-ASQ Gross motor Question 1

Does your child bend over or squat to pick up an object from the floor and then stand up again without any support?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q102-ASQ Gross motor Question 2

Does your child move around by walking, rather than by crawling on her hands and knees?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q103-ASQ Gross motor Question 3

Does your child walk well and seldom fall?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q104-ASQ Gross motor Question 4

Does your child climb on an object such as a chair to reach something he wants?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q105-ASQ Gross motor Question 5

Does your child walk downstairs if you hold onto one of her hands or she holds onto the railing or wall?

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- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q106-ASQ Gross motor Question 6

When you show your child how to kick a large ball, does he try to kick the ball by moving his leg forward or by walking into it?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Healthy Toddler Assessment Database Reference Guide

16. ASQ Fine Motor Questions

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q107-Fine motor Question 1	C	1	Child throws ball with a forward arm?	4345
Q108-Question 2	C	1	Child stacks block/toy on top of another?	4345
Q109-Question 3	C	1	Child makes mark on paper with tip of crayon when trying to draw?	4345
Q110-Question 4	C	1	Child stacks three blocks on top of each other?	4345
Q111-Question 5	C	1	Child turns pages of a book by himself?	4345
Q112-Question 6	C	1	Child gets spoon right side up into mouth?	4345

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Q107-ASQ Fine motor Question 1

Does your child throw a small ball with a forward arm motion?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q108-ASQ Fine motor Question 2

Does your child stack a small block or toy on top of another one?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q109-ASQ Fine motor Question 3

Does your child make a mark on paper with the tip of a crayon/pen/pencil when trying to draw?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q110-ASQ Fine motor Question 4

Does your child stack three small blocks or toys on top of each other by himself?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q111-ASQ Fine motor Question 5

Does your child turn the pages of a book by himself?

- N= NOT YET

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- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q112-ASQ Fine motor Question 6

Does your child get a spoon into her mouth right side up so that the food usually doesn't spill?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Healthy Toddler Assessment Database Reference Guide

17. ASQ Problem Solving Questions

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q113-Question 1	C	1	Child drops toys one after another into a container	4345
Q114-Question 2	C	1	Child tries to get toy that is out of reach using a spoon	4345
Q115-Question 3	C	1	Child turns bottle over to dump out crumb dropped into it	4345
Q116-Question 4	C	1	Child scribbles when you give him/her crayon, pencil, pen	4345
Q117-Question 5	C	1	Child copies your drawing a single line on paper	4345
Q118-Question 6	C	1	Child turns bottle upside down to dump out crumb in it	4345

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Healthy Toddler Assessment Database Reference Guide

Q113-ASQ Problem solving Question 1

Does your child drop several small toys, one after another, into a container like a bowl or box?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q114-ASQ Problem solving Question 2

After you have shown your child how, does he or she try to get a small toy that is slightly out of reach by using a spoon, stick, or similar tool?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q115-ASQ Problem solving Question 3

After a crumb of cheerio is dropped into a small, clear bottle, does your child turn the bottle over to dump it out?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q116-ASQ Problem solving Question 4

Without your showing him/her how, does your child scribble back and forth when you give her a crayon/pencil/pen?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

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Q117-ASQ Problem solving Question 5

After watching you draw a line from the top of the paper to the bottom with a crayon/pencil/pen, does your child copy you by drawing a single line on the paper in any direction?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q118-ASQ Problem solving Question 6

After a crumb or cheerio is dropped into a small, clear bottle, does your child turn the bottle upside down to dump out the crumb or cheerio (without showing him/her how to)?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Healthy Toddler Assessment Database Reference Guide

18. ASQ Personal-Social Questions

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q119-Question 1	C	1	Child offers toy to his/her image in a mirror?	4345
Q120-Question 2	C	1	Child hugs doll or stuffed animal?	4345
Q121-Question 3	C	1	Child gets your attention by pulling your hand?	4345
Q122-Question 4	C	1	Child comes to you when he/she needs help?	4345
Q123-Question 5	C	1	Child drinks from cup with little spilling?	4345
Q124-Question 6	C	1	Child copies activities you do?	4345

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Healthy Toddler Assessment Database Reference Guide

Q119-ASQ Personal social Question 1

While looking at herself in the mirror, does your child offer a toy to her own image?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q120-ASQ Personal social Question 2

Does your child play with a doll or stuffed animal by hugging it?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q121-ASQ Personal social Question 3

Does your child get your attention or try to show you something by pulling on your hand or clothes?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q122-ASQ Personal social Question 4

Does your child come to you when he/she needs help, such as with winding up a toy or unscrewing a lid from a jar?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q123-ASQ Personal social Question 5

Does your child drink from a cup or glass, putting it down again with little spilling?

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- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Q124-ASQ Personal social Question 6

Does your copy the activities you do, such as wipe up a spill, sweep, shave, or comb hair?

- N= NOT YET
- S= SOMETIMES
- X= RESPONSE MISSING
- Y= YES

Healthy Toddler Assessment Database Reference Guide

19. Parent Mental Health Information

The Edinburgh Postnatal Depression Scale (EPDS) is used by Public Health service providers to identify women who may be at risk of depression in the postpartum period. More recently, the EPDS tool has been used during pregnancy, beyond twelve (12) months postpartum, and has been found to be effective at identifying men at risk of depression. The EPDS consists of ten (10) short statements. A score of twelve (12) or above may reflect a depressive illness of varying severity. A score just below the cut-off point (eleven and below ≤ 11) should not be taken to indicate absence of depression.

Variable Name	Type	Length	Label	Number of Non-Missing Values
Q127	C	12	Parent mental health treatment?	4330
Q129	C	12	Edinburgh Assessment completed?	4285
Q131	C	26	Laughter	3015
Q132	C	30	Optimism	3015
Q133	C	23	Self-blame	3035
Q134	C	17	Anxious	3030
Q135	C	18	Scared panicky	3015
Q136	C	58	Overwhelmed	3020
Q137	C	23	Difficulty sleeping	3015
Q138	C	23	Sad Miserable	3005
Q139	C	18	Crying	3005
Q140	C	11	Suicidal thoughts	2990
Q141	C	18	Postnatal Depression Score	3360

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Healthy Toddler Assessment Database Reference Guide

Q127-Parent mental health treatment

Is the parent/guardian (with the child today) currently receiving treatment for a mental health condition?

- No
- Not assessed
- Refused
- Unknown
- Yes

Q129-Edinburgh completed

Was the Edinburgh Postnatal Depression Scale assessment completed?

- Not assessed
- Score =>1
- Score 0

Q131-Laughter

I have been able to laugh and see the funny side of things:

- As much as I always could
- Definitely not so much now
- Not at all
- Not quite so much now

This question contributes to Q141-Postnatal Depression Score and is dependent on Q129-Edinburgh completed

Q132-Optimism

Optimism: I have looked forward with enjoyment to things:

- As much as I ever did
- Definitely less than I used to
- Hardly at all
- Rather less than I used to

This question contributes to Q141-Postnatal Depression Score and is dependent on Q129-Edinburgh completed

Healthy Toddler Assessment Database Reference Guide

Q133_Self_blame

I have blamed myself unnecessarily when things went wrong:

- No, never
- Not very often
- Yes, most of the time
- Yes, some of the time

This question contributes to Q141-Postnatal Depression Score and is dependent on Q129-Edinburgh completed

Q134-Anxious

I have been anxious or worried for no good reason:

- Hardly ever
- No, not at all
- Yes, sometimes
- Yes, very often

This question contributes to Q141-Postnatal Depression Score and is dependent on Q129-Edinburgh completed

Q135-Scared/panicky

I have felt scared or panicky for no good reason:

- No, not at all
- No, not much
- Yes, quite a lot
- Yes, sometimes

This question contributes to Q141-Postnatal Depression Score and is dependent on Q129-Edinburgh completed

Q136-Overwhelmed

Things have been getting on top of me:

- No, I have been coping as well as ever
- No, most of the time I have coped well

Healthy Toddler Assessment Database Reference Guide

- Yes, most of the time I haven't been able to cope at all
- Yes, sometimes I haven't been coping as well as usual

This question contributes to Q141-Postnatal Depression Score and is dependent on Q129-Edinburgh completed

Q137-Difficulty sleeping

Difficulty sleeping: I have been so unhappy that I have had difficulty sleeping:

- No, not at all
- Not very often
- Yes, most of the time
- Yes, sometimes

This question contributes to Q141-Postnatal Depression Score and is dependent on Q129-Edinburgh completed

Q138-Sad/miserable

Sad/miserable: I have felt sad or miserable:

- No, not at all
- Not very often
- Yes, most of the time
- Yes, quite often

This question contributes to Q141-Postnatal Depression Score and is dependent on Q129-Edinburgh completed

Q139-Crying

I have been so unhappy that I have been crying:

- No, never
- Only occasionally
- Yes, most of the time
- Yes, quite often

This question contributes to Q141-Postnatal Depression Score and is dependent on Q129-Edinburgh completed

Healthy Toddler Assessment Database Reference Guide

Q140-Suicidal thoughts

The thought of harming myself has occurred to me:

- Hardly ever
- Never
- Sometimes
- Yes, quite often

This question contributes to Q141-Postnatal Depression Score and is dependent on Q129-Edinburgh completed

Q141-Postnatal Depression Score

What is the total score on the postnatal depression scale?

Contributing questions: Q131 to Q140. Dependent on Q129-Edinburgh completed.

Healthy Toddler Assessment Database Reference Guide

20. Nutrition Information

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q144	C	7	Growth concern?	4315
Q146	C	12	Breastfed/fed milk	4325
Q147	C	12	Currently breastfed	3210
Q148	C	6	Age other than breast milk	3155
Q149	C	7	Days/weeks/months/other breastfeeding	3180
Q150	C	6	Age stopped breastfeeding	2785
Q151	C	7	Days/weeks/months/age/stopped	2805
Q152	C	12	NutriSTEP	4320
Q153	N	8	NutriSTEP total score	4230
Q154	C	17	Risk poor nutrition	4195

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Healthy Toddler Assessment Database Reference Guide

Q144-Growth concern

Is the child already seeing a health care provider because of length, weight, head circumference or nutrition concerns?

- No
- Not assessed
- Refused
- Unknown
- Yes

Q146-Breastfed milk

Was this child ever breastfed or fed breast milk?

- No (If selected, all other "Breastfeeding" questions are skipped)
- Not assessed
- Refused
- Unknown (If selected, all other "Breastfeeding" questions are skipped)
- Yes

Q147-Currently breastfed

Is this child currently being breastfed or fed breast milk?

- No
- Not assessed
- Refused
- Unknown
- Yes

Question dependent on Q146-Breastfed milk.

Q148-Age other than breast milk

How old was child when first fed anything other than breast milk (infant formula, cow's milk, water, juice, baby food)? Question dependent on Q147-Currently breastfed.

Q149-Days/weeks/months/other than breastmilk

Days, weeks or months other breast milk

Healthy Toddler Assessment Database Reference Guide

- Days
- Months
- Unknown
- Weeks

Question dependent on Q147-Currently breastfed

Q150-Age stopped breastfeeding

How old was this child when he/she completely stopped being breastfed, or fed breast milk?

Question dependent on Q147-Currently breastfed

Q151-Days, weeks or months age stopped breastfeeding

Days, weeks or months age when child stopped being breastfed

- Days
- Months
- Unknown
- Weeks

Question dependent on Q147-Currently breastfed

Q152-NutriSTEP

Was the NutriSTEP assessment completed?

- Risk of nutrition problems (Low < 20, Moderate 21 to 25, High > 26)
- Not assessed
- Refused

The NutriSTEP® tool is as a questionnaire that can differentiate between toddlers (18-35 months old) who are at nutrition risk and those who are not. The questionnaire includes topics such as a child's food and nutrient intake, physical growth, developmental and physical capabilities, physical activity, food security and the child's feeding environment.

Q153-NutriSTEP total score

What is the NutriSTEP total score? Text. Question dependent on Q152_NutriSTEP

Healthy Toddler Assessment Database Reference Guide

Q154-Risk of poor nutrition

Risk of nutrition problem:

- High >26
- Low <20
- Moderate 21 to 25

Question dependent on Q152-NutriSTEP

Healthy Toddler Assessment Database Reference Guide

21. Healthy Toddler Assessment General Information

Variable Name	Type	Length	Description	Number of Non-Missing Values
Q155	C	12	Height, weight and head circumference	4315
Q156	C	20	Q156_HTA_age__months_	3880
Q157	C	7	Q157_HTA_Length__cm_	3820
Q158	C	9	Q158_HTA_weight__kg_	3855
Q159	C	9	Q159_HTA_head_circumference	3505
Q160	C	6	Q160_HTA_Length_for_age	3750
Q161	C	6	Q161_HTA_weight_for_age	3795
Q162	C	6	Q162_HTA_weight_for_length	3715
Q163	C	6	Q163_HTA_Head_circumference	3445
Q165	C	12	Q165_Up_to_date_immunization	4310
Q166	C	3	Q166_HTA_immunizations_given	4230
Q169	C	3	Q169_HTA_child_referral	4320
Q170	C	3	Q170_HTA_guardian_referral	3985
Q173	C	3	Q173_ASQ_refer_primary_health_pr	110
Q174	C	16	Q174_ASQ_action_refer_to_primary	100
Q175	C	3	Q175_HTA_Primary_health_care_pro	265
Q176	C	16	Q176_HTA_Primary_Health_Provider	235
Q177	C	3	Q177_ASQ_refer_to_speech	760
Q178	C	16	Q178_ASQ_action_speech_language	730
Q179	C	3	Q179_ASQ_refer_audio	750
Q180	C	16	Q180_ASQ_action_audiology	715
Q181	C	3	Q181_ASQ_refer_physio	60
Q182	C	16	Q182_ASQ_action_physio	65
Q183	C	3	Q183_ASQ_refer_occupational	35
Q184	C	16	Q184_ASQ_action_occupational	30
Q185	C	3	Q185_ASQ_Optometrist	1985
Q186	C	16	Q186_ASQ_action_optometrist	1880
Q187	C	3	Q187_HTA_dentist	2455
Q188	C	16	Q188_HTA_dentist_referral	2325
Q189	C	3	Q189_HTA_dietician	115
Q190	C	16	Q190_HTA_dietician_referral	115
Q191	C	3	Q191_ASQ_refer_family_early_chil	225
Q192	C	16	Q192_ASQ_action_family_early_chi	225
Q193	C	3	Q193_HTA_Literacy	25

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Q194	C	16	Q194_HTA_Literacy_referral	25
Q195	C	3	Q195_ASQ_community_resource	170
Q196	C	16	Q196_ASQ_action_community_resour	160
Q197	C	3	Q197_ASQ_other	155
Q198	C	16	Q198_ASQ_action_other	140
Q198_1	C	3	Q198_1_Info_to_health_provider	4160
scram_res_id	C	64	Scrambled unique identifier	

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Q155-HTA Height, weight and head circumference

Length, weight and head circumference measurement:

- Completed
- Not assessed
- Refused

Q156-HTA Age in months

What is the child's age in months? Text. Question is dependent on Q155-HTA Height, weight and head circumference.

Q157-HTA Length in cm

What is the child's length in cm? Text. Question is dependent on Q155-HTA Height, weight and head circumference.

Q158-HTA weight in kg

What is the child's weight in Kg? Text. Question dependent on Q155-HTA Height, weight and head circumference.

Q159-HTA head circumference

What is the child's head circumference in cm? Question dependent on Q155-HTA Height, weight and head circumference.

Q160-HTA Length for age

Length-for-age:

- <0.1
- <3
- 3-85
- >85
- >97
- >99.9

Question is dependent on Q155-HTA Height, weight and head circumference.

Q161-HTA Weight for age

Weight-for-age:

- <0.1
- <3
- 3-85
- >85
- >97
- >99.9

Question is dependent on Q155-HTA Height, weight and head circumference.

Q162-HTA Weight for length

Weight for length:

- <0.1
- <3
- 3-85
- >85
- >99.9

Question dependent on Q155-HTA Height, weight and head circumference.

Q163-HTA Head circumference

Head circumference for age:

- <0.1
- <3
- 3-85
- >85
- >97
- >99.9

Q165-Up to date immunization

Is the child up to date with his/her immunizations?

- No

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- Not assessed
- Refused
- Unknown
- Yes

Q166-HTA Immunizations given

Were immunizations given at this assessment?

- No
- Yes

Q169-HTA Child referral

Does this child need a referral?

- No
- Yes

Q170-HTA guardian referral

Does this parent/guardian need a referral?

- No
- Yes

Q173-ASQ Refer primary health care provider

Primary Health Care Provider - parent

- No
- Yes

Question dependent to Q170-HTA Guardian referral

Q174-ASQ Action refer to primary health provider

Action refer to Primary Health provider

- Accepts referral
- Refuses referral

Question dependent to Q170-HTA Guardian referral

Q175-HTA Primary health care provider for child

Health Care Provider - child

- No
- Yes

Question dependent to Q169: HTA Child referral

Q176-HTA Primary Health Provider

HTA Primary Health Provider child referral: PHC provider referral

- Accepts referral
- Refuses referral

Question dependent to Q169_HTA_child_referral

Q177_ASQ_refer_to_speech

ASQ refer to speech: Speech/Language Pathology

- No
- Yes

Question dependent to Q169_HTA_child_referral

Q178_ASQ_action_speech_language

ASQ action speech/language Action refer to Speech/Language Pathology

- Accepts referral
- Refuses referral

Question dependent on Q169_HTA_child_referral

Q179_ASQ_refer_audio

ASQ refer audio: Audiology

- No
- Yes

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Question dependent on Q169_HTA_child_referral

Q180_ASQ_action_audiology

ASQ action audiology Action refer to Audiologist

- Accepts referral
- Refuses referral

Question dependent on Q169_HTA_child_referral

Q181-ASQ Refer for physiotherapy

Physiotherapy

- No
- Yes

Question dependent on Q169-HTA Child referral

Q182-ASQ Action physiotherapist

Action: Refer to Physiotherapist

- Accepts referral
- Refuses referral

Question dependent on Q169-HTA Child referral

Q183-ASQ Refer for occupational therapy

Occupational therapy

- No
- Yes

Question dependent on Q169-HTA Child referral

Q184-ASQ Action occupational therapist

Action refer to Occupational Therapist

- Accepts referral
- Refuses referral

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Question dependent on Q169-HTA Child referral

Q185-ASQ Optometrist

Optometrist

- No
- Yes

Question dependent on Q169-HTA Child referral

Q186-ASQ Action optometrist

Action optometrist

- Accepts referral
- Refuses referral

Question dependent on Q169-HTA Child referral

Q187-HTA dentist

Dentist

- No
- Yes

Question dependent on Q169-HTA child referral

Q188-HTA Dentist referral

HTA dentist referral: Dentist referral

- Accepts referral
- Refuses referral

Question dependent on Q169-HTA Child referral

Q189-HTA Dietician

Dietitian

- No

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- Yes

Question dependent on Q169-HTA Child referral

Q190-HTA Dietician referral

Dietitian referral

- Accepts referral
- Refuses referral

Question dependent on Q169-HTA Child referral

Q191-ASQ Refer family/early childhood intervention

Early Intervention

- No
- Yes

Question dependent on Q169-HTA Child referral

Q192- ASQ Action family/early childhood intervention

Action refer to Family/Early Childhood Intervention

- Accepts referral
- Refuses referral

Question dependent on Q169-HTA Child referral

Q193-HTA Literacy

Literacy agency

- No
- Yes

Question dependent on Q169-HTA Child referral or Q170-HTA-Guardian referral

Q194-HTA Literacy referral

Literacy referral

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- Accepts referral
- Refuses referral

Question dependent on Q169-HTA Child referral or Q170-HTA Guardian referral

Q195-ASQ Community resource

Community resource

- No
- Yes

Question dependent on Q169-HTA Child referral or Q170-HTA guardian referral

Q196-ASQ Action community resource

Action refer to Community Resource

- Accepts referral
- Refuses referral

Question dependent on Q169-HTA Child referral or Q170-HTA Guardian referral

Q197-ASQ Other

Other agency

- No
- Yes

Question dependent on Q169-HTA Child referral or Q170-HTA Guardian referral

Q198-ASQ Action other

Action other

- Accepts referral
- Refuses referral

Question dependent on Q169-HTA Child referral or Q170-HTA Guardian referral

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Q198 1-Information to health provider

Parent/guardian consents to the information being sent to the child's health care provider?

- No
- Yes

Scrambled ID

64-character long randomly scrambled number which replaces each child's unique identifier in the data base. It is used for data linkage while protecting the privacy of health and personal records.