

## **The Environmental Determinants of Diabetes in the Young (TEDDY) Study Data Archive**

The TEDDY Archive contains the Protocol, Manual of Operations, Forms, Study data, and Dataset Integrity Checks. Since TEDDY is an ongoing study, this archive contains limited amounts of study data and will be updated as more data are supplied to the repository. Archive files are organized into the following directories:

- Data
- Documents
- Dataset Integrity Checks (DSIC)
- Forms

### **Data**

The TEDDY Data directory contains the following datasets in “.sas7bdat” and “.csv” formats, and data dictionaries are included in the Contents folder:

- Activity\_monitor
- adverse\_event\_table – This dataset contains adverse events records from the Adverse Event form.
- annual\_child\_questionnaire – This dataset contains records from the Annual Child Questionnaire.
- annual\_questionnaire – This dataset contains records from the Annual questionnaire.
- ascorbic\_acid\_niddk – This dataset contains records from the Dietary Biomarker Ascorbic Acid dataset. There is no form for this dataset.
- carotenoids\_niddk – This dataset contains records from the Dietary Biomarker Carotenoids dataset. There is no form for this dataset.
- cbcl – This dataset contains records from the Child Behavior Checklist Form.
- celiac\_disease\_diagnosis\_form – This dataset contains records from the Celiac Diagnosis Form.
- change\_in\_study\_participation
- child\_pedsql\_8\_12
- cholesterol\_niddk – This dataset contains records from the Dietary Biomarker Cholesterol dataset. There is no form for this dataset.
- diabetes\_diagnosis – This dataset contains records from the Diagnosis of Diabetes Form.
- diabetes\_management – This dataset contains records from the Diabetes Management Form.
- diet\_record\_dataset – There is no form for this dataset. This dataset contains food intake data that was entered and processed by nutritional software that breaks down the data at the nutrient level.
- enrollment\_form – This dataset contains records from the Enrollment Form.
- family\_history – This dataset contains records from the Family History Form.
- family\_relative – This dataset contains records from the Family Relative Form.
- father\_questionnaire – This dataset contains records from the First TEDDY Study Questionnaire (Father).
- fatty\_acids\_niddk – This dataset contains records from the Dietary Biomarker Fatty

Acids dataset. There is no form for this dataset.

- first\_child\_questionnaire – This dataset contains records from the First Child Questionnaire.
- gluten\_free\_diet\_update – This dataset contains records from the Gluten Free Diet Update Form.
- last\_questionnaire – This dataset contains records from the Last Questionnaire.
- mmtt\_procedure\_form – This dataset contains records from the MMTT Procedure Form.
- mother\_questionnaire – This dataset contains records from the First TEDDY Questionnaire (Mother).
- nine\_month\_parent\_questionnaire – This dataset contains records from the 9-month Parent Questionnaire.
- non\_teddy\_research\_form – This dataset contains records from the Non-Teddy Research Form.
- ogtt\_procedure\_form – This dataset contains records from the OGTT Procedure Form.
- Olink\_inflammation\_niddk
- parent\_experience\_survey
- parent\_pedsql\_5\_7
- parent\_pedsql\_8\_12
- ped\_inventory\_parents – This dataset contains records from the Pediatric Inventory for Parents Form.
- physical\_exam – This dataset contains records from the Physical Examination Form.
- pm\_cd\_code
- primary\_care\_taker\_questionnaire – This dataset contains records from the First TEDDY Study Questionnaire (Primary Caretaker).
- pubertal\_assessment\_female – This dataset contains records from the Pubertal Assessment Female Form.
- pubertal\_assessment\_male – This dataset contains records from the Pubertal Assessment Male Form.
- retinol\_niddk – This dataset contains records from the Dietary Biomarker Retinol dataset. There is no form for this dataset.
- screening\_form – This dataset contains records from the Screening Form.
- six\_month\_parent\_questionnaire – This dataset contains records from the 6-Month Parent Questionnaire.
- stai\_children – This dataset contains records from the STAI for Children Form.
- stai\_parents – This dataset contains records from the STAI and Well-Being for Parents Form.
- symptoms\_of\_celiac\_disease – This dataset contains records from the Symptoms of Celiac Disease Tracking Form.
- teddy\_codes – There is no form for this dataset. This dataset contains codes used in TEDDY datasets and the code descriptions.
- teddy\_update\_form – This dataset contains records from the TEDDY Update Form.
- teddybook – This dataset contains records from the TEDDY Book 0-2 Form.
- teddybook2\_5 – This dataset contains records from the TEDDY Book 2-5 Form.
- teddybook6\_12 – This dataset contains records from the TEDDY Book 6-9 Form.
- test\_results – This dataset contains records. There is no form for this dataset. This dataset

data contains from lab tests.

- three\_month\_interview – This dataset contains records from the 3-Month Parent Questionnaire.
- tocopherols\_niddk – This dataset contains records from the Dietary Biomarker Tocopherols dataset. There is no form for this dataset.
- vitd\_niddk – This dataset contains records from the Dietary Biomarker Vitamin D dataset. There is no form for this dataset.

The TEDDY Analysis\_Datasets directory contains the following analysis datasets in “.sas7bdat” and “.csv” formats, and data dictionaries are included in the Contents folder:

- m\_10\_sjohnson\_niddk\_final
- m\_11\_blernmark\_niddk\_final
- m\_19\_caronsson\_niddk\_31july2013
- m\_21\_klynch\_niddk\_31aug2016
- m\_27\_caronsson\_niddk\_30sep2011
- m\_31\_sjohnson\_niddk\_30jun2011
- m\_34\_jyang\_niddk\_30jun2015
- m\_38a\_uusitalo\_niddk\_31jan2017
- m\_49\_sjohnson\_niddk\_30june2011
- m\_53\_jyang\_niddk\_31jan2013
- m\_54\_ctorn\_niddk\_31jul2013
- M\_55\_ARiikonen\_NIDDK\_31July2014
- m\_56\_whagopian\_niddk\_31dec2013
- m\_62\_ljacobsen\_niddk\_31aug2016
- m\_65\_mlundgren\_niddk\_\_30oct2015
- m\_67\_uswartling\_niddk\_30apr2013
- M\_72\_ASharma\_NIDDK\_31AUG2013\_1
- m\_74\_skoletzko\_niddk\_30apr2015
- m\_80\_jkrischer\_niddk\_30apr2014
- m\_90a\_hlarsson\_niddk\_31july2016
- m\_95\_uusitalo\_niddk\_31oct2014
- m\_101\_uusitalo\_niddk\_31jan2015
- m\_102\_shummel
- M\_105\_KMcIver\_NIDDK\_31JAN2017
- m\_107\_rjohnson\_niddk\_28feb2019
- m\_111\_abeyerlein\_niddk\_18oct2017
- m\_112\_jyang\_niddk\_29mar2016
- m\_113\_ctorn\_niddk\_31dec2014
- m\_144\_kdriscoll\_niddk\_30apr2017
- m\_123\_carronson\_niddk\_30jun2019
- m\_160\_apitchika\_niddk\_31may2017
- M\_162\_AZiegler\_NIDDK\_18JUL2017
- m\_165a\_abeyerlei\_niddk\_31may2016

- m\_165b\_abeyerlei\_niddk\_31may2016
- m\_180\_jkrischer\_niddk\_30jun2016
- M\_190\_SHummel\_NIDDK\_31DEC2017
- m\_210\_jkrischer\_niddk\_30nov2018
- m\_238\_bwebbrobertson\_niddk\_30jun
- m\_239\_fsalami\_niddk\_30apr2019
- m8\_sternery
- mp40\_rroth\_niddk
- pub21\_blernmark\_niddk
- pub26\_hlee\_niddk\_final
- pub29\_caronsson\_niddk
- pub30\_lsmith\_niddk
- pub31\_shummel\_niddk
- pub35\_jyang\_niddk
- pub36\_eliu\_niddk

#### M\_17\_JBaxter\_NIDDK\_Submission

- m\_17\_jbaxter\_niddk\_a\_final
- m\_17\_jbaxter\_niddk\_b\_final
- m\_17\_jbaxter\_niddk\_c\_final

#### M\_24\_HLarsson\_NIDDK\_Submission

- m\_24\_hlarsson\_niddk\_30apr2014\_1
- m\_24\_hlarsson\_niddk\_30apr2014\_2
- m\_24\_hlarsson\_niddk\_30apr2014\_3
- m\_24\_hlarsson\_niddk\_30apr2014\_4

#### M\_45\_JKrischer\_NIDDK\_Submission

- m\_45\_jkrischer\_niddk\_30apr2016\_1
- m\_45\_jkrischer\_niddk\_30apr2016\_2

#### M\_48\_ASteck\_NIDDK\_Submission

- m\_48\_asteck\_niddk\_30apr2014\_1
- m\_48\_asteck\_niddk\_30apr2014\_2
- m\_48\_asteck\_niddk\_30apr2014\_3

#### M\_52\_KKempainen\_NIDDK\_Submission

- m\_52\_kkempainen\_31jan2011\_1
- m\_52\_kkempainen\_31jan2011\_Fig1a
- m\_52\_kkempainen\_31jan2011\_fig1b

#### M\_57\_HLarsson\_NIDDK\_Submission

- m\_57\_hlarsson\_niddk\_30nov2011\_1
- m\_57\_hlarsson\_niddk\_30nov2011\_2
- m\_57\_hlarsson\_niddk\_30nov2011\_3

M\_64\_SJohnson\_NIDDK\_Submission

- m\_64\_sjohnson\_niddk\_31oct2015\_1
- m\_64\_sjohnson\_niddk\_31oct2015\_2
- m\_64\_sjohnson\_niddk\_31oct2015\_3
- m\_64\_sjohnson\_niddk\_31oct2015\_4

M\_66\_DHadley\_NIDDK\_Submission

- m\_66\_dhadley\_niddk\_31jan2013\_1
- m\_66\_dhadley\_niddk\_31jan2013\_2

M\_68\_LFerrat\_NIDDK\_Submission

- grs2\_full.txt
- M\_68\_LFERRAT\_Source\_Code\_12Dec2019.zip – Contains source code in R
- mp68\_ab\_atrisk\_masked
- mp68\_ab\_titers\_masked
- mp68\_all\_grs\_masked
- mp68\_demographics\_masked
- mp68\_family\_histories\_masked
- mp68\_genotypes\_masked
- mp68\_growth\_masked
- mp68\_rie\_gie\_inf\_totals\_masked
- mp68\_subject\_list
- ROC\_table\_UKB.txt

M\_77\_Caronsson\_NIDDK\_Submission

- m\_77\_caronsson\_niddk\_30may2014\_1
- m\_77\_caronsson\_niddk\_30may2014\_2
- m\_77\_caronsson\_niddk\_30may2014\_3

M\_78\_DEndesfel\_NIDDK\_Submission

- dist.matrix.path.RData
- M\_78\_DEndesfelder\_Source\_Code\_31DEC2014.pdf
- M\_78\_DEndesfel\_NIDDK\_31DEC2014\_1
- M\_78\_DEndesfel\_NIDDK\_31DEC2014\_2
- m\_78\_dendesfel\_niddk\_31dec2014\_3
- m\_78\_dendesfel\_niddk\_31dec2014\_4

M\_81\_MLonnrot\_NIDDK\_Submission

- m\_81\_mlonnrot\_niddk\_31dec2012\_1
- m\_81\_mlonnrot\_niddk\_31dec2012\_2
- m\_81\_mlonnrot\_niddk\_31dec2012\_3

M\_92\_DAgardh\_NIDDK\_Submission

- m\_92\_dagardh\_niddk\_31july2014\_1
- m\_92\_dagardh\_niddk\_31july2014\_2

M\_93\_KKempainen\_NIDDK\_Submission

- m\_93\_kkemp\_niddk\_31mar2015\_1
- m\_93\_kkemp\_niddk\_31mar2015\_2
- m\_93\_kkemp\_niddk\_31mar2015\_3

M\_100\_ABeyerlein\_NIDDK\_Submission

- m\_100\_abeyerlein\_niddk\_1\_new
- m\_100\_abeyerlein\_niddk\_2\_new

M\_104\_RRoth\_NIDDK\_Submission

- m\_104\_rroth\_niddk\_31dec2014\_1
- m\_104\_rroth\_niddk\_31dec2014\_2

M\_106a\_JNorris\_NIDDK\_Submission

- m\_106a\_jnorris\_niddk\_31may2012\_1
- m\_106a\_jnorris\_niddk\_31may2012\_2

M\_109\_TVatänen\_NIDDK\_Submission

- m\_109\_tvatanen\_niddk\_31may2012
- M\_109\_TVatänen\_NIDDK\_Combined\_Metadata\_31MAY2012.RData
- M\_109\_TVatänen\_NIDDK\_HUMAN2\_Pathways\_31MAY2012.tsv
- M\_109\_TVatänen\_NIDDK\_MetaPhlAn\_Data\_31MAY2012.tsv
- M\_109\_TVatänen\_NIDDK\_Source\_Code\_MaAsLin\_Pathways\_31MAY2012.R
- M\_109\_TVatänen\_NIDDK\_Source\_Code\_MaAsLin\_Taxonomies\_31MAY2012.R
- M\_109\_TVatänen\_NIDDK\_Source\_Code\_Process\_Metadata\_31MAY2012.R
- M\_109\_TVatänen\_NIDDK\_Source\_Code\_RandomForest\_Pathways\_31MAY2012.R
- M\_109\_TVatänen\_NIDDK\_Source\_Code\_RandomForest\_Taxonomies\_31MAY2012.R
- teddy\_metadata.csv

M\_115\_Virtanen\_NIDDK\_Submission

- m\_115\_virtanen\_niddk\_31may2012\_1
- m\_115\_virtanen\_niddk\_31may2012\_2

M\_124\_LSmith\_NIDDK\_Submission

- m\_124\_lsmith\_niddk\_30jun2015\_1
- m\_124\_lsmith\_niddk\_30jun2015\_2

M\_127\_MKoehler\_NIDDK\_Submission

- m\_127\_mkoehler\_niddk\_31dec2014\_1
- m\_127\_mkoehler\_niddk\_31dec2014\_2
- m\_127\_mkoehler\_niddk\_31dec2014\_3
- m\_127\_mkoehler\_niddk\_31dec2014\_4

M\_128\_CAronsson\_NIDDK\_Submission

- m\_128\_aronsson\_niddk\_30sep2017\_1
- m\_128\_aronsson\_niddk\_30sep2017\_2

M\_138\_CStewart\_NIDDK\_Submission

- m\_138\_cstewart\_31may2012\_16s\_1
- m\_138\_cstewart\_31may2012\_wgs\_1

M\_142\_KVehik\_NIDDK\_Submission

- m\_142\_kvehik\_niddk\_31may2012\_1
- m\_142\_kvehik\_niddk\_31may2012\_2
- m\_142\_kvehik\_niddk\_31may2012\_3
- m\_142\_kvehik\_niddk\_31may2012\_4
- m\_142\_kvehik\_niddk\_31may2012\_5

M\_158\_IERlund\_NIDDK\_Submission

- m\_158\_ierlund\_niddk\_31may2012\_1
- m\_158\_ierlund\_niddk\_31may2012\_2
- m\_158\_ierlund\_niddk\_31may2012\_4
- m\_158\_ierlund\_niddk\_31may2012\_4

M\_169\_EHard\_NIDDK\_Submission

- m\_169\_hard\_niddk\_31july2016\_1
- m\_169\_hard\_niddk\_31july2016\_2

M\_176\_RJohnson\_NIDDK\_Submission

- M\_176\_RJohnson\_NIDDK\_28Feb2018\_6
- M\_176\_RJohnson\_NIDDK\_31May2012\_2
- M\_176\_RJohnson\_NIDDK\_31May2012\_3
- M\_176\_RJohnson\_NIDDK\_31May2012\_4
- M\_176\_RJohnson\_NIDDK\_31May2012\_5
- M\_176\_RJohnson\_NIDDK\_31May2012\_7
- M\_176\_RJohnson\_NIDDK\_31May2012\_8
- M\_176\_RJohnson\_NIDDK\_31May2012\_9

M\_177\_FSalami\_NIDDK\_Submission

- m\_177\_fsalami\_niddk\_31jan2017\_1
- m\_177\_fsalami\_niddk\_31jan2017\_2
- m\_177\_fsalami\_niddk\_31jan2017\_3

M\_179\_KVehik\_NIDDK\_Submission

- m\_179\_kvehik\_niddk\_31dec2019\_1
- m\_179\_kvehik\_niddk\_31dec2019\_2
- m\_179\_kvehik\_niddk\_31dec2019\_3

M\_199\_Lindfors\_NIDDK\_Submission

- m\_199\_lindfors\_niddk\_31may2012\_1
- m\_199\_lindfors\_niddk\_31may2012\_2
- m\_199\_lindfors\_niddk\_31may2012\_3

- m\_199\_lindfors\_niddk\_31may2012\_4
- m\_199\_lindfors\_niddk\_31may2012\_5
- m\_199\_lindfors\_niddk\_31may2012\_6
- m\_199\_lindfors\_niddk\_31may2012\_7

#### M\_202\_PMehta\_NIDDK\_Submission

- m\_202\_pmehta\_niddk\_30jun2019\_1
- m\_202\_pmehta\_niddk\_30jun2019\_2
- m\_202\_pmehta\_niddk\_30jun2019\_3

#### M\_208\_XLiu\_NIDDK\_Submission

- m\_208\_xliu\_niddk\_28feb2018\_1
- m\_208\_xliu\_niddk\_28feb2018\_2

#### M\_221\_JKrischer\_NIDDK\_Submission

- m\_221\_krischer\_niddk\_31jul2017\_1
- m\_221\_krischer\_niddk\_31jul2017\_2

#### M\_233\_Xhonneux\_NIDDK\_Submission

- illumina\_chip.txt
- M\_233\_Xhonneux\_NIDDK\_allTEDDYexprs\_05Aug2021.txt
- M\_233\_Xhonneux\_NIDDK\_allTEDDYpower10-block1\_05Aug2021.RData
- M\_233\_Xhonneux\_NIDDK\_allTEDDYpower10-block2\_05Aug2021.RData
- M\_233\_Xhonneux\_NIDDK\_allTEDDYpower10-block3\_05Aug2021.RData
- M\_233\_Xhonneux\_NIDDK\_allTEDDYpower10-block4\_05Aug2021.RData
- M\_233\_Xhonneux\_NIDDK\_allTEDDYpower10-networkConstruction-auto\_05Aug2021.RData
- M\_233\_Xhonneux\_NIDDK\_TEDDYmetadata\_05Aug2021.xlsm
- M\_233\_Xhonneux\_NIDDK\_TEDDYtraits\_05Aug2021.txt
- M\_233\_Xhonneux\_NIDDK\_TEDDY\_FigsSourceData\_05Aug2021.xlsx
- README.txt

#### M\_237\_EBonifa\_NIDDK\_Submission

- m\_237\_ebonifa\_niddk\_30june2019\_1
- m\_237\_ebonifa\_niddk\_30june2019\_2

#### Pub17\_HLarsson\_NIDDK\_Submission

- pub17\_hlarsson\_niddk\_final
- pub17\_hlarsson\_niddk\_final\_2

### Documents

The TEDDY Documents directory contains:

- TEDDY\_Protocol\_8.17.2018
- TEDDY\_Data\_Sharing\_Policy\_8.17.2018.pdf – Revised data sharing policy



- m\_10\_niddk.teddy\_teddybook\_0to2yr\_form.pdf – Recruitment Tool (M10)
- TEDDY\_MOO\_8.17.2018.pdf – TEDDY Manual of Operations
- TEDDY Study Flow.ppt – Slides that briefly describe the flow of data through TEDDY’s screening and recruitment system

This folder also includes previous versions of these files.

### DSIC

The TEDDY Data Integrity Check (DSIC) directory contains reports of examinations of the analysis datasets for completeness and quality control purposes at the NIDDK Central Repository. Published results from TEDDY publications were compared to values recalculated from the TEDDY archived datasets.

### Forms

The TEDDY Forms directory contains:

- TEDDY\_Annotated\_Forms\_20230725 – This file contains all of the forms. Note that the bookmarks denote where each form is located in the file.