

METADATA FOR THE ISAAC PHASE TWO CENTRE QUESTIONNAIRE DATA FILE

This file provides essential information required to accurately read archived data from the ISAAC Phase Two Centre Reports (ISAAC2_centre_questionnaire.pdf).

The data are presented as comma-separated (CSV) files with column headers.

The responses from each study centre occupy one line.

The data are structured in columns in the following manner:

ISAAC2_ccode Unique Phase Two Centre ID (combining country and centre codes)
 Country_code 2-character (as found in the individual participant data files)
 Country_name Text (as found in published ISAAC papers)
 Centre_code Numeric (as found in the individual participant data files)
 Centre_name Text (as found in published ISAAC papers)
 PI_name Name of the principal investigator in each centre
 Age_group Generally 10-11 years, but narrower or wider in some centres
 Records Number of records from this centre in the individual Phase Two data
 (This includes blank or invalid records so numbers may be larger than the denominators shown in published papers)

Phase Two centre report questionnaire:

Q1_1 How is your study population defined?
 Q1_2 Brief description of the study area.
 Q1_3 Did you include different ethnic groups?
 Q1_4a1 If yes to Q1.3, exact percentage of ethnic group 1
 Q1_4a2 ... ethnic group 2
 Q1_4a3 ... ethnic group 3
 Q1_4a4 ... ethnic group 4
 Q1_4a5 ... ethnic group 5
 Q1_4b1 If yes to Q1.3, approximate percentage of ethnic group 1
 Q1_4b2 ... ethnic group 2
 Q1_4b3 ... ethnic group 3
 Q1_4b4 ... ethnic group 4
 Q1_4b5 ... ethnic group 5
 Q1_4txt1 If yes to Q1.3, text labels for ethnic group 1
 Q1_4txt2 ... ethnic group 2
 Q1_4txt3 ... ethnic group 3
 Q1_4txt4 ... ethnic group 4
 Q1_4txt5 ... ethnic group 5

Q1_5 If yes to Q1.3, can you identify which children belong to which ethnic group in your sample?
Q1_6 If yes to Q1.5, is the identification possible from any variable in the data (eg child_ID or school_ID)?
Q2_1 What kind of sample did you take?
Q2_3 How many schools in total were in your study area (population)?
Q2_4a How many pupils in total (for the selected age group) were there in your study area (population)? - exact
Q2_4b How many pupils in total (for the selected age group) were there in your study area (population)? - approximate
Q2_5 Did you exclude any schools from sampling before approaching the schools?
Q2_7 Did you exclude any schools from sampling after approaching the schools?
Q2_9 How many schools did you approach?
Q2_10a How many pupils (of your selected age group) were in the approached schools? - exact
Q2_10b How many pupils (of your selected age group) were in the approached schools? - approximate
Q2_11 How many of the approached schools participated?
Q2_12a How many pupils (of your selected age group) were in the participating schools? - exact
Q2_12b How many pupils (of your selected age group) were in the participating schools? - approximate
Q2_13 How many pupils (of your selected age group) were selected for participation?
Q2_14 How many of these pupils (of your selected age group) did actually participate?
Q3_1 Did you select the classes of children according to the ISAAC II standard protocol?
Q3_3 Within each school, did you include all classes and pupils which fulfilled the above criteria?
Q3_4 If you selected by class, did you include all children within each selected class?
Q3_5 If you included children outside the ISAAC II standard age range, did you submit data on these children?
Q3_6 If you answered "no" to Q3.5, is this data available on request by the ISAAC 2 Data Centre?
Q4_1a_1 Further details on sampling - module DC
Q4_1a_2 Further details on sampling - module WH
Q4_1a_3 Further details on sampling - module RH
Q4_1a_4 Further details on sampling - module EC
Q4_1a_5 Further details on sampling - module CP
Q4_1a_6 Further details on sampling - module WB
Q4_1a_7 Further details on sampling - module AM
Q4_1a_8 Further details on sampling - module RM
Q4_1a_9 Further details on sampling - module EM
Q4_1a_10 Further details on sampling - module RF
Q4_1a_11 Further details on sampling - module ED
Q4_1a_12 Further details on sampling - module SP
Q4_1a_13 Further details on sampling - module BR
Q4_1a_14 Further details on sampling - module IgE
Q4_1a_15 Further details on sampling - module DNA
Q4_1a_16 Further details on sampling - module Dust
Q4_1c Did the children from which you have drawn the subsample of non-wheezers include missing for WH02 after No to WH01?

Q4_2_1	How many wheezers did you invite for participation?
Q4_2_2	How many wheezers did actually participate?
Q4_2_3	How many non-wheezers did you invite to participate?
Q4_2_4	How many non-wheezers did actually participate?
Q5_1a1	Number of children selected to participate - module DC
Q5_1a2	Number of children selected to participate - module WH
Q5_1a3	Number of children selected to participate - module RH
Q5_1a4	Number of children selected to participate - module EC
Q5_1a5	Number of children selected to participate - module CP
Q5_1a6	Number of children selected to participate - module WB
Q5_1a7	Number of children selected to participate - module AM
Q5_1a8	Number of children selected to participate - module RM
Q5_1a9	Number of children selected to participate - module EM
Q5_1a10	Number of children selected to participate - module RF
Q5_1a11	Number of children selected to participate - module ED
Q5_1a12	Number of children selected to participate - module SP
Q5_1a13	Number of children selected to participate - module BR
Q5_1a14	Number of children selected to participate - module IgE
Q5_1a15	Number of children selected to participate - module DNA
Q5_1a16	Number of children selected to participate - module Dust
Q5_1b1	Number of children that actually participated - module DC
Q5_1b2	Number of children that actually participated - module WH
Q5_1b3	Number of children that actually participated - module RH
Q5_1b4	Number of children that actually participated - module EC
Q5_1b5	Number of children that actually participated - module CP
Q5_1b6	Number of children that actually participated - module WB
Q5_1b7	Number of children that actually participated - module AM
Q5_1b8	Number of children that actually participated - module RM
Q5_1b9	Number of children that actually participated - module EM
Q5_1b10	Number of children that actually participated - module RF
Q5_1b11	Number of children that actually participated - module ED
Q5_1b12	Number of children that actually participated - module SP
Q5_1b13	Number of children that actually participated - module BR
Q5_1b14	Number of children that actually participated - module IgE
Q5_1b15	Number of children that actually participated - module DNA
Q5_1b16	Number of children that actually participated - module Dust
Q5_2	Is there any information about non-respondents?
Q5_3	Did you have any difficulties getting the number of children you needed for the required sample size?

Q6_1 How did you enter the data?
 Q6_3_1 Did you use the ISAAC II coding standard?
 Q6_3_2 Did you recode data to ISAAC II coding standard after data entry?
 Q6_4_1 If you did recode, did you write a program for this?
 Q6_4_2 Did you use "find & replace" functions of an editor (eg Excel)?
 Q6_4_3 Did you use any other method for recoding?
 Q6_5 Was the data double entered?
 Q6_6_1 If yes to Q6.5, were the data entries performed by different staff?
 Q6_6_2 Did you compare the two data sets and check for any differences before sending them to the Data Centre?
 Q6_7 Have you checked the data for any data entry errors before sending it to the Data Centre?
 Q6_9 Were any changes made to the demographic data after the questionnaires were completed?
 Q6_10 Were any changes made to the data other than correcting for data entry errors?
 Q6_13 Did you use any automatic coding with respect to filter questions in the core questionnaire (eg for WH01 and WH02)?
 Q6_14 If yes to Q6.9, Q6.10 or Q6.13, have you kept a copy of the data without the changes?
 Q7_1 Did you use the English language questionnaire for data collection?
 Q7_2 Did you use any translations of the English language questionnaire for data collection?
 Q7_3 Was the translator familiar with asthma and allergy terminology?
 Q7_4 Were the translated questionnaires translated back to English by an independent translator?
 Q7_5 How many languages were used for your centre in this age group?
 Q7_6txt1 Text label for language 1
 Q8_1_1 Did you use the ISAAC II questionnaires as self-administered questionnaire or an interview form? - module DC
 Q8_1_2 ... module WH
 Q8_1_3 ... module RH
 Q8_1_4 ... module EC
 Q8_1_5 ... module CP
 Q8_1_6 ... module WB
 Q8_1_7 ... module AM
 Q8_1_8 ... module RM
 Q8_1_9 ... module EM
 Q8_1_10 ... module RF
 Q8_2a_m1 When did you perform the fieldwork for the different modules? - start month for module DC
 Q8_2a_y1 ... start year for DC
 Q8_2b_m1 ... end month for DC
 Q8_2b_y1 ... end year for DC
 Q8_2a_m2 ... start month for WH
 Q8_2a_y2 ... start year for WH
 Q8_2b_m2 ... end month for WH
 Q8_2b_y2 ... end year for WH

Q8_2a_m3	... start month for RH
Q8_2a_y3	... start year for RH
Q8_2b_m3	... end month for RH
Q8_2b_y3	... end year for RH
Q8_2a_m4	... start month for EC
Q8_2a_y4	... start year for EC
Q8_2b_m4	... end month for EC
Q8_2b_y4	... end year for EC
Q8_2a_m5	... start month for CP
Q8_2a_y5	... start year for CP
Q8_2b_m5	... end month for CP
Q8_2b_y5	... end year for CP
Q8_2a_m6	... start month for WB
Q8_2a_y6	... start year for WB
Q8_2b_m6	... end month for WB
Q8_2b_y6	... end year for WB
Q8_2a_m7	... start month for AM
Q8_2a_y7	... start year for AM
Q8_2b_m7	... end month for AM
Q8_2b_y7	... end year for AM
Q8_2a_m8	... start month for RM
Q8_2a_y8	... start year for RM
Q8_2b_m8	... end month for RM
Q8_2b_y8	... end year for RM
Q8_2a_m9	... start month for EM
Q8_2a_y9	... start year for EM
Q8_2b_m9	... end month for EM
Q8_2b_y9	... end year for EM
Q8_2a_m10	... start month for RF
Q8_2a_y10	... start year for RF
Q8_2b_m10	... end month for RF
Q8_2b_y10	... end year for RF
Q8_2a_m11	... start month for ED
Q8_2a_y11	... start year for ED
Q8_2b_m11	... end month for ED
Q8_2b_y11	... end year for ED
Q8_2a_m12	... start month for SP
Q8_2a_y12	... start year for SP

Q8_2b_m12 ... end month for SP
Q8_2b_y12 ... end year for SP
Q8_2a_m13 ... start month for BR
Q8_2a_y13 ... start year for BR
Q8_2b_m13 ... end month for BR
Q8_2b_y13 ... end year for BR
Q8_2a_m14 ... start month for IgE
Q8_2a_y14 ... start year for IgE
Q8_2b_m14 ... end month for IgE
Q8_2b_y14 ... end year for IgE
Q8_2a_m15 ... start month for DNA
Q8_2a_y15 ... start year for DNA
Q8_2b_m15 ... end month for DNA
Q8_2b_y15 ... end year for DNA
Q8_2a_m16 ... start month for Dust
Q8_2a_y16 ... start year for Dust
Q8_2b_m16 ... end month for Dust
Q8_2b_y16 ... end year for Dust
Q8_3_1 Were your fieldworkers trained based on the ISAAC II study protocol? - Skin exam (ED)
Q8_3_2 ... Skin prick test (SP)
Q8_3_3 ... Bronchial challenge (BR)
Q8_3_4 ... Blood sampling (IgE & DNA)
Q8_5_1 Where were the examinations of the children carried out? - Skin exam (ED)
Q8_5_2 ... Skin prick test (SP)
Q8_5_3 ... Bronchial challenge (BR)
Q8_5_4 ... Blood sampling (IgE & DNA)
Q9_1 For the identification of flexural dermatitis, did field workers use the photographic protocol,
the practical manual or another method?
Q9_3 Did you train your fieldworkers according to the practical manual provided by Dr Hywel Williams?
Q9_4 Did field workers perform the quality control tests that were included in the above mentioned manual?
Q9_5 Were the results of these quality control tests sent to Dr Hywel Williams?
Q9_7 Did you modify the original ISAAC II protocol for skin examination in any way?
Q10_1 Did you use the lancets from ALK Denmark?
Q10_2 Did you use the allergen extracts from ALK Denmark?
Q10_3 Did you use any additional allergen extracts?
Q10_6 Was the data on these additional extracts included in the data sent to the Data Centre?
Q10_7 If no to Q10.6, is it available on request?
Q10_8a_1h At what time(s) of day did you perform the skin prick tests? - Time 1, start hour

Q10_8a_1m ... Time 1, start minutes
Q10_8b_1h ... Time 1, end hour
Q10_8b_1m ... Time 1, end minutes
Q10_8a_2h ... Time 2, start hour
Q10_8a_2m ... Time 2, start minutes
Q10_8b_2h ... Time 2, end hour
Q10_8b_2m ... Time 2, end minutes
Q10_9 Did you test the precision/reproducibility for each field worker?
Q10_10_1 If yes to Q10.9, did you test the precision at the beginning of fieldwork?
Q10_10_2 ... in the middle of fieldwork?
Q10_10_3 ... at the end of fieldwork?
Q10_11 If yes to Q10.9, did you test the precision/reproducibility as in the manual of ISAAC II modules 1998?
Q10_13 Did you modify the original ISAAC II protocol for the skin prick test in any way?
Q11_1 Did you perform bronchial challenge to determine bronchial responsiveness?
Q11_2 Did you perform bronchial challenge with hypertonic saline?
Q11_3_1 Which formula did you use to calculate predicted FEV1 for a child?
Q11_3_2 Did you apply any other inclusion or exclusion criteria than those mentioned in the ISAAC Phase II Modules, 1998?
Q11_4 Did you modify the original ISAAC II protocol for bronchial responsiveness to hypertonic saline in any way?
Q11_5_1 Which type of nebuliser did you use?
Q11_5_2 Which brand of ultrasound nebuliser did you use?
Q11_5_3 Which type/brand of tubing did you use?
Q11_5_4 Was the tubing used as suggested ~60-70cm in length?
Q11_5_5 Which type/brand of two-way valve did you use?
Q11_5_6 Which type/brand of spirometer did you use?)
Q11_5_7 Did this spirometer comply with the ATS recommendations on standardisation of spirometry?
Q11_5_8 Which type/brand of balance did you use?
Q11_5_9 Was this balance a precision balance?
Q11_5_10 Did you use saline solution with a concentration of 4.5%?
Q11_6_1 Did you determine the baseline value of FEV1 by obtaining measurements within 5% variability?
Q11_6_2 Did you perform the bronchial challenge according to the ISAAC Phase II Modules?
Q11_6_3 Did you determine the amount of aerosol delivered by weighing the tube before and after challenge?
Q11_7 Did you perform bronchial challenge with another method (like exercise or methacholine)?