

 .. SECTION 1 ..

 .. BASIC PARAMETERS AND SIZES ..

THE TABLE PRESENTED IN THIS SECTION DEFINES THE BASIC PARAMETERS AND SIZES OF THE DATASET FOR EACH COUNTRY BEING DOCUMENTED IN THIS FILE. THESE INCLUDE THE NUMBERS OF ITEMS (INTERNATIONAL AND NATIONAL) IN EACH COGNITIVE TEST FORM, THE SAMPLE OF APPLICATION AND QUESTIONS ASKED WITH EACH FORM, FOR TEACHER OTL AS WELL AS STUDENT PRETEST AND POSTTEST. THERE IS ALSO INDICATION OF THE UTILIZATION OF EACH OF THE POSSIBLE QUESTIONNAIRES AND DATA SOURCES, TOGETHER WITH THE NUMBER OF INTERNATIONAL AND NATIONAL VARIABLES INCLUDED IN THEM. FOR EACH COUNTRY BEING DOCUMENTED, THERE IS ONE LINE WITH THE CODE NUMBER AND NAME OF THE COUNTRY, FOLLOWED BY ONE LINE FOR EACH COGNITIVE TEST FORM, FOLLOWED BY ONE LINE FOR EACH QUESTIONNAIRE OR DATA SOURCE. LINES MAY BE OMITTED IF THE CORRESPONDING FORM, QUESTIONNAIRE, OR SOURCE WAS NOT USED FOR A COUNTRY. THERE MAY BE COMMENTS AT THE END OF A LINE. THE LAYOUT IS AS FOLLOWS...

.....
 .123456789012345678901234567890123456789012345678901234567890123.....

 .CC NAME OF THE COUNTRY .
 . 0 U III NNN SQSQSQ CORE TEST .
 . 1 U III NNN SQSQSQ TEST FORM A .
 . 2 U III NNN SQSQSQ TEST FORM B .
 . 3 U III NNN SQSQSQ TEST FORM C .
 . 4 U III NNN SQSQSQ TEST FORM D .
 . 5 U III NNN SQSQSQ SPECIAL JAPANESE PRETEST .
 . P U III NNN S POPULATION DATA .
 . Q U III NNN S STRATUM DATA .
 . S U III NNN S SCHOOL QUESTIONNAIRE .
 . K U III NNN S BEGINNING-OF-YEAR CLASSROOM DATA .
 . L U III NNN S END-OF-YEAR CLASSROOM DATA .
 . T U III NNN S TEACHER QUESTIONNAIRE .
 . F U III NNN S TOPIC-SPECIFIC FRACTIONS .
 . R U III NNN S TOPIC-SPECIFIC RATIO PROPORTION PERCENT .
 . M U III NNN S TOPIC-SPECIFIC MEASUREMENT .
 . G U III NNN S TOPIC-SPECIFIC GEOMETRY .
 . A U III NNN S TOPIC-SPECIFIC ALGEBRA .
 . C U III NNN S CLASSROOM PROCESS GENERAL .
 . X U III NNN S BEGINNING-OF-YEAR STUDENT QUESTIONNAIRE .
 . Y U III NNN S END-OF-YEAR STUDENT QUESTIONNAIRE .

THE FIRST LINE BEGINS WITH...

.....
 . CC = COUNTRY CODE .

(THE COUNTRY CODES ARE ALSO GIVEN AS THE LEVELS OF THE VARIABLE PCOUNT IN SECTION 6 BELOW.) THE NAME OF THE COUNTRY STARTS IN POSITION 23.

THE IMMEDIATELY FOLLOWING LINES DEFINE THE COGNITIVE TEST ARRANGEMENT AND UTILIZATION. THE FORMS ARE IDENTIFIED IN POSITION 4 WITH THE CODES 0,1,2,3,4 FOR CORE AND ROTATED FORMS A,B,C,D. ALSO, THE CODE 5 IS USED FOR THE SPECIAL JAPANESE PRETEST. THE CODES 0,1,2,3,4 PROVIDE THE LINKAGE TO THE COGNITIVE ITEM TABLE (SEE SECTION 3) AND ARE THE FLAGS USED TO MARK THE DATA IN THE RESPONSE DATA FILE (SEE SECTION 2). FOR EXAMPLE, ITEMS LOCATED IN ROTATED FORM B WILL BE IDENTIFIED WITH FORM CODE 2 IN THE COGNITIVE ITEM TABLE AND FOUND IN A DATA BLOCK FLAGGED WITH '2' IN THE RESPONSE DATA FILE. THE INFORMATION SUPPLIED HERE IS...

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.....
. U = UTILIZATION OF THE COGNITIVE TEST FORM .
.   0 NOT USED (THE LINE MAY BE OMITTED) .
.   1 GENERALLY FOLLOWS CROSSECTIONAL FORMAT .
.   2 GENERALLY FOLLOWS LONGITUDINAL FORMAT .
.   9 FOLLOWS A NON-STANDARD FORMAT .
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THESE FORMAT INDICATIONS ARE ONLY APPROXIMATE. THE COGNITIVE ITEM TABLE PROVIDES THE DEFINITIVE ARRANGEMENT OF ITEMS FOR A COUNTRY.

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.....
. III = NUMBER OF INTERNATIONAL ITEMS IN THE FORM .
. NNN = NUMBER OF NATIONAL ITEMS IN THE FORM .
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THE INTERNATIONAL ITEMS HAVE CODES 1-199 IN THE COGNITIVE ITEM TABLE, WHILE THE NATIONAL ITEMS HAVE CODES 200-999.

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. SQSQSQ = APPLICATION KEYS FOR THE FORM, INDICATING HOW THE .
.   FORM WAS USED FOR THE TEACHER OTL (FIRST SQ), STUDENT .
.   PRETEST (SECOND SQ), AND STUDENT POSTTEST (THIRD SQ) .
.   DATA COLLECTIONS. IN EACH CASE, .
.   S = SAMPLE OF APPLICATION .
.     0 NOT APPLIED .
.     1 APPLIED TO A SAMPLE OF RESPONDENTS .
.     2 APPLIED TO ALL RESPONDENTS .
.   Q = QUESTIONS ASKED .
.     FOR TEACHER OTL .
.       0 NOT USED .
.       1 ESTIMATION .
.       2 TAUGHT OR REVIEWED .
.       3 1+2 .
.       4 IF NOT WHY .
.       5 1+4 .
.       6 2+4 .
.       7 1+2+4 .
.     FOR STUDENT .
.       0 NOT USED .
.       1 TEST RESPONSE .
.       2 TAUGHT LAST YEAR/THIS YEAR .
.       3 1+2 .
.       4 CALCULATOR .
.       5 1+4 .
.       6 2+4 .
.       7 1+2+4 .
.....

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AFTER THE LINES FOR THE COGNITIVE TEST FORMS APPEAR THE LINES FOR THE QUESTIONNAIRES AND OTHER DATA SOURCES. EACH LINE HAS IN POSITION 4 THE CODE LETTER THAT INTEGRATES THE QUESTIONNAIRE ITEM TABLE (SEE SECTION 4) WITH THE RESPONSE DATA STORAGE (SEE SECTION 2). WHEN A QUESTIONNAIRE OR DATA SOURCE IS INDICATED HERE AS BEING USED, DATA IN THE RESPONSE FILE WILL BE FLAGGED WITH THAT CODE LETTER, AND WILL INCLUDE ALL VARIABLES FROM THE QUESTIONNAIRE ITEM TABLE BEGINNING WITH THAT CODE LETTER. FOR EXAMPLE, IF THE STUDENT END-OF-YEAR BACKGROUND QUESTIONNAIRE IS USED, ITS DATA WILL BE FLAGGED WITH 'Y' IN THE DATA FILE, AND WILL CONSIST OF ALL VARIABLES WHOSE NAMES BEGIN WITH 'Y' (EXCEPT THOSE SPECIFICALLY EXCLUDED FOR THE COUNTRY, BUT INCLUDING THOSE SPECIALLY ENTERED AS NATIONAL OPTIONS FOR THE COUNTRY).

.....

. U = UTILIZATION OF THE QUESTIONNAIRE OR DATA SOURCE .
 . 0 NOT USED (THE LINE MAY BE OMITTED) .
 . 1 GENERALLY FOLLOWS CROSSECTIONAL FORMAT .
 . 2 GENERALLY FOLLOWS LONGITUDINAL FORMAT .
 . 3 GENERAL DATA (E.G., POPULATION INFORMATION) .
 . 9 FOLLOWS A NON-STANDARD FORMAT .
 . S = SAMPLE OF APPLICATION .
 . 0 NOT APPLIED .
 . 1 APPLIED TO A SAMPLE OF THE ELIGIBLE RESPONDENTS OR UNITS. .
 . 2 APPLIED TO ALL RESPONDENTS OR UNITS .

.....

NOTE THAT ORDINARILY A FORM IS EITHER NOT USED OR IT IS APPLIED TO ALL ELIGIBLE RESPONDENTS OR UNITS. THE CLASSROOM PROCESS QUESTIONNAIRES AND THE BEGINNING-OF-YEAR CLASSROOM DATA AND STUDENT QUESTIONNAIRE EXIST ONLY IN LONGITUDINAL FORMAT. FOR THE OTHER BACKGROUND QUESTIONNAIRES, THE DIFFERENCE BETWEEN THE TWO FORMATS LIES GENERALLY IN THE ORIGINAL NUMBERING AND ORDERING OF THE QUESTIONS AND SUBQUESTIONS. (THE ORDERING OF THE DATA IN THE RESPONSE DATA FILE ALWAYS CORRESPONDS TO THE ORDER OF VARIABLES IN THE QUESTIONNAIRE ITEM TABLE, SECTION 4.)

.....

. III = NUMBER OF INTERNATIONAL VARIABLES INCLUDED .
 . NNN = NUMBER OF NATIONAL OPTION VARIABLES INCLUDED .

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ALL VARIABLES WILL BE FOUND IN THE QUESTIONNAIRE ITEM TABLE, WITH THE FIRST LETTER CORRESPONDING TO THE LETTER CODE HERE. (THE VARIABLE NAMES FOR THE NATIONAL OPTION VARIABLES HAVE 'Z' AS THE SECOND LETTER, FOLLOWED, USUALLY, BY THE CODE NUMBER FOR THE COUNTRY.)

15 BELGIUM FLEMISH

0 2 040	272323	CORE TEST
1 2 035	271111	TEST FORM A (NB. Rotated forms used
2 2 035	271111	TEST FORM B at pretest and posttest,
3 2 035	271111	TEST FORM C with complete rotation)
4 2 035	271111	TEST FORM D
S 1 017	2	SCHOOL QUESTIONNAIRE
T 1 051	2	TEACHER QUESTIONNAIRE

Y 1 084	2	END OF YEAR STUDENT QUESTIONNAIRE
P 2 001	2	POPULATION DATA
Q 2 003	2	STRATUM DATA
S 1 017	2	SCHOOL QUESTIONNAIRE
K 2 001	2	BEGINNING-OF-YEAR CLASSROOM DATA
L 2 001	2	END-OF-YEAR CLASSROOM DATA
T 1 051	2	TEACHER QUESTIONNAIRE
G 2 182	2	TOPIC-SPECIFIC GEOMETRY
A 2 153	2	TOPIC-SPECIFIC ALGEBRA
C 2 014	2	CLASSROOM PROCESS GENERAL
X 2 007	2	BEGINNING-OF-YEAR STUDENT QUESTIONNAIRE
Y 1 084	2	END OF YEAR STUDENT QUESTIONNAIRE
22		CANADA BC
0 2 040	272323	CORE TEST
1 2 035	27 13	TEST FORM A (NB. No rotated forms
2 2 035	27 13	TEST FORM B on the pretest)
3 2 035	27 13	TEST FORM C
4 2 035	27 13	TEST FORM D
S 1 017	2	SCHOOL QUESTIONNAIRE
T 1 051	2	TEACHER QUESTIONNAIRE
Y 1 084	2	END OF YEAR STUDENT QUESTIONNAIRE
P 2 001	2	POPULATION DATA
Q 2 003	2	STRATUM DATA
S 1 017	2	SCHOOL QUESTIONNAIRE
K 2 001	2	BEGINNING-OF-YEAR CLASSROOM DATA
L 2 001	2	END-OF-YEAR CLASSROOM DATA
T 1 051	2	TEACHER QUESTIONNAIRE
F 2 135	2	TOPIC-SPECIFIC FRACTIONS
R 2 103	2	TOPIC-SPECIFIC RATIO PROPORTION PERCENT
M 2 150	2	TOPIC-SPECIFIC MEASUREMENT
G 2 182	2	TOPIC-SPECIFIC GEOMETRY
A 2 153	2	TOPIC-SPECIFIC ALGEBRA
C 2 014	2	CLASSROOM PROCESS GENERAL
X 2 007	2	BEGINNING-OF-YEAR STUDENT QUESTIONNAIRE
Y 1 084	2	END OF YEAR STUDENT QUESTIONNAIRE
25		CANADA ONT
0 2 040	272323	CORE TEST
1 2 035	271515	TEST FORM A (NB. Rotated forms at pre
2 2 035	271515	TEST FORM B and post, with complete
3 2 035	271515	TEST FORM C rotation)
4 2 035	271515	TEST FORM D
S 1 017	2	SCHOOL QUESTIONNAIRE
T 1 051	2	TEACHER QUESTIONNAIRE
Y 1 084	2	END OF YEAR STUDENT QUESTIONNAIRE
S 1 017	2	SCHOOL QUESTIONNAIRE
T 1 051	2	TEACHER QUESTIONNAIRE
Y 1 084	2	END OF YEAR STUDENT QUESTIONNAIRE
P 2 001	2	POPULATION DATA
Q 2 003	2	STRATUM DATA
S 1 017	2	SCHOOL QUESTIONNAIRE
K 2 001	2	BEGINNING-OF-YEAR CLASSROOM DATA
L 2 001	2	END-OF-YEAR CLASSROOM DATA
T 1 051	2	TEACHER QUESTIONNAIRE
F 2 135	2	TOPIC-SPECIFIC FRACTIONS
R 2 103	2	TOPIC-SPECIFIC RATIO PROPORTION PERCENT
M 2 150	2	TOPIC-SPECIFIC MEASUREMENT
G 2 182	2	TOPIC-SPECIFIC GEOMETRY
A 2 153	2	TOPIC-SPECIFIC ALGEBRA
C 2 014	2	CLASSROOM PROCESS GENERAL
X 2 007	2	BEGINNING-OF-YEAR STUDENT QUESTIONNAIRE
Y 1 084	2	END OF YEAR STUDENT QUESTIONNAIRE

40			FRANCE
	0 2 040	272727	CORE TEST
	1 2 035	271717	TEST FORM A (NB. Same rotated form
	2 2 035	271717	TEST FORM B given at posttest as
	3 2 035	271717	TEST FORM C at pretest)
	4 2 035	271717	TEST FORM D
	P 2 001	2	POPULATION DATA
	Q 2 003	2	STRATUM DATA
	S 1 017	2	SCHOOL QUESTIONNAIRE
	K 2 001	2	BEGINNING-OF-YEAR CLASSROOM DATA
	L 2 001	2	END-OF-YEAR CLASSROOM DATA
	T 1 051	2	TEACHER QUESTIONNAIRE
	F 2 135	2	TOPIC-SPECIFIC FRACTIONS
	R 2 103	2	TOPIC-SPECIFIC RATIO PROPORTION PERCENT
	M 2 150	2	TOPIC-SPECIFIC MEASUREMENT
	G 2 182	2	TOPIC-SPECIFIC GEOMETRY
	A 2 153	2	TOPIC-SPECIFIC ALGEBRA
	C 2 014	2	CLASSROOM PROCESS GENERAL
	X 2 007	2	BEGINNING-OF-YEAR STUDENT QUESTIONNAIRE
	Y 1 084	2	END OF YEAR STUDENT QUESTIONNAIRE
50			JAPAN
	0 1 040	27 27	CORE TEST (NB. Crosssectional forms
	1 1 034	27 17	TEST FORM A used at posttest,
	2 1 034	27 17	TEST FORM B special 60-item pretest
	3 1 034	27 17	TEST FORM C used at pretest)
	4 1 034	27 17	TEST FORM D
	5 9 060	21	SPECIAL JAPANESE PRETEST
	S 1 017	2	SCHOOL QUESTIONNAIRE
	T 1 051	2	TEACHER QUESTIONNAIRE
	Y 1 084	2	END OF YEAR STUDENT QUESTIONNAIRE
	P 2 001	2	POPULATION DATA
	Q 2 003	2	STRATUM DATA
	S 1 017	2	SCHOOL QUESTIONNAIRE
	K 2 001	2	BEGINNING-OF-YEAR CLASSROOM DATA
	L 2 001	2	END-OF-YEAR CLASSROOM DATA
	T 1 051	2	TEACHER QUESTIONNAIRE
	G 2 182	2	TOPIC-SPECIFIC GEOMETRY
	A 2 153	2	TOPIC-SPECIFIC ALGEBRA
	C 2 014	2	CLASSROOM PROCESS GENERAL
	X 2 007	2	BEGINNING-OF-YEAR STUDENT QUESTIONNAIRE
	Y 1 084	2	END OF YEAR STUDENT QUESTIONNAIRE
63			NEW ZEALAND
	0 2 040	272727	CORE TEST
	1 2 035	271717	TEST FORM A (NB. Rotated forms given
	2 2 035	271717	TEST FORM B at pretest and posttest
	3 2 035	271717	TEST FORM C with complete rotation)
	4 2 035	271717	TEST FORM D
	P 2 001	2	POPULATION DATA
	Q 2 003	2	STRATUM DATA
	S 1 017	2	SCHOOL QUESTIONNAIRE
	K 2 001	2	BEGINNING-OF-YEAR CLASSROOM DATA
	L 2 001	2	END-OF-YEAR CLASSROOM DATA
	T 1 051	2	TEACHER QUESTIONNAIRE
	F 2 135	2	TOPIC-SPECIFIC FRACTIONS
	R 2 103	2	TOPIC-SPECIFIC RATIO PROPORTION PERCENT
	M 2 150	2	TOPIC-SPECIFIC MEASUREMENT
	G 2 182	2	TOPIC-SPECIFIC GEOMETRY
	A 2 153	2	TOPIC-SPECIFIC ALGEBRA
	C 2 014	2	CLASSROOM PROCESS GENERAL
	X 2 007	2	BEGINNING-OF-YEAR STUDENT QUESTIONNAIRE
	Y 1 084	2	END OF YEAR STUDENT QUESTIONNAIRE

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THAILAND

0 2 040 272727 CORE TEST
 1 2 035 271717 TEST FORM A (NB. Rotated forms given at
 2 2 035 271717 TEST FORM B at pretest and posttest
 3 2 035 271717 TEST FORM C with use of the same
 4 2 035 271717 TEST FORM D form prohibited)
 S 1 017 2 SCHOOL QUESTIONNAIRE
 T 1 051 2 TEACHER QUESTIONNAIRE
 Y 1 084 2 END OF YEAR STUDENT QUESTIONNAIRE
 P 2 001 2 POPULATION DATA
 Q 2 003 2 STRATUM DATA
 S 1 017 2 SCHOOL QUESTIONNAIRE
 K 2 001 2 BEGINNING-OF-YEAR CLASSROOM DATA
 L 2 001 2 END-OF-YEAR CLASSROOM DATA
 T 1 051 2 TEACHER QUESTIONNAIRE
 F 2 135 2 TOPIC-SPECIFIC FRACTIONS
 R 2 103 2 TOPIC-SPECIFIC RATIO PROPORTION PERCENT
 M 2 150 2 TOPIC-SPECIFIC MEASUREMENT
 G 2 182 2 TOPIC-SPECIFIC GEOMETRY
 A 2 153 2 TOPIC-SPECIFIC ALGEBRA
 C 2 014 2 CLASSROOM PROCESS GENERAL
 X 2 007 2 BEGINNING-OF-YEAR STUDENT QUESTIONNAIRE
 Y 1 084 2 END OF YEAR STUDENT QUESTIONNAIRE

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UNITED STATES

0 2 040 272323 CORE TEST
 1 2 035 271515 TEST FORM A (NB. Rotated forms given at
 2 2 035 271515 TEST FORM B pretest and posttest,
 3 2 035 271515 TEST FORM C with complete rotation)
 4 2 035 271515 TEST FORM D
 S 1 017 2 SCHOOL QUESTIONNAIRE
 T 1 051 2 TEACHER QUESTIONNAIRE
 Y 1 084 2 END OF YEAR STUDENT QUESTIONNAIRE
 P 2 001 2 POPULATION DATA
 Q 2 003 2 STRATUM DATA
 S 1 017 2 SCHOOL QUESTIONNAIRE
 K 2 001 2 BEGINNING-OF-YEAR CLASSROOM DATA
 L 2 001 2 END-OF-YEAR CLASSROOM DATA
 T 1 051 2 TEACHER QUESTIONNAIRE
 F 2 135 2 TOPIC-SPECIFIC FRACTIONS
 R 2 103 2 TOPIC-SPECIFIC RATIO PROPORTION PERCENT
 M 2 150 2 TOPIC-SPECIFIC MEASUREMENT
 G 2 182 2 TOPIC-SPECIFIC GEOMETRY
 A 2 153 2 TOPIC-SPECIFIC ALGEBRA
 C 2 014 2 CLASSROOM PROCESS GENERAL
 X 2 007 2 BEGINNING-OF-YEAR STUDENT QUESTIONNAIRE
 Y 1 084 2 END OF YEAR STUDENT QUESTIONNAIRE

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