

STAGE 2 POPULATION 1

VARN	STARTP	VARIABLE			LOWEST - HIGHEST VALUE	NOTES	NOTE MISSING	
R	OS	NPOS	NAME	VARIABLE LABEL			PAGES	CODES
113	195	3,2	TN203A	UNIV DEGREE IN SCIENCE	1 0	(CHECKED // NOT CHECKED)	* NOTE H004 *	240 9,99
114	198	3,2	TN203B	UNIV DEGREE IN MOTHER TONGUE	1 0	(CHECKED // NOT CHECKED)	* NOTE H004 *	240 9,99
115	201	3,2	TN203C	UNIV DEGREE IN ANOTHER SUBJECT	1 0	(CHECKED // NOT CHECKED)	* NOTE H004 *	240 9,99
116	204	3,2	TN203D	NO UNIV DEGREE	1 0	(CHECKED // NOT CHECKED)	* NOTE H004 *	240 9,99
117	207	3,2	TN204	TEACHING SPECIALTY SUBJECT	1 3	(A YES // C NO,ONLY OTHERS)	* NOTE H004 *	240 9,99
118	210	3,2	TN205	NON-SPECIALTY TEACHING	1 3	(A ONE SUBJECT // C MOST SUBJECTS)	* NOTE H004 *	240 9,99
119	213	3,2	TN206	YRS OF EDUCATION, PRIMARY & SECONDARY	1 5	(A LE 6 YRS // E GT 12 YRS)	* NOTE H004 *	240 9,99
120	216	3,2	TN207	YRS OF EDUCATION, POST-SECONDARY	1 5	(A 0 YEARS // E GT 4 YRS)	* NOTE H004 *	240 9,99
121	219	3,2	TN208	YRS TEACHING EXPERIENCE	1 5	(A LE 5 YRS // E GT 30 YRS)	* NOTE H004 *	240 9,99
122	222	3,2	TN209	YRS TEACHING IN CURRENT SCHOOL	1 5	(A LE 5 YRS // E GT 30 YRS)	* NOTE H004 *	240 9,99
346	563	3,2	TN2.S03A	UNIV DEGREE IN SCIENCE	1 0	(CHECKED // NOT CHECKED)	* NOTE H004 *	240 9,99
347	566	3,2	TN2.S03B	UNIV DEGREE IN MOTHER TONGUE	1 0	(CHECKED // NOT CHECKED)	* NOTE H004 *	240 9,99
348	569	3,2	TN2.S03C	UNIV DEGREE IN ANOTHER SUBJECT	1 0	(CHECKED // NOT CHECKED)	* NOTE H004 *	240 9,99
349	572	3,2	TN2.S03D	NO UNIV DEGREE	1 0	(CHECKED // NOT CHECKED)	* NOTE H004 *	240 9,99
350	575	3,2	TN2.S04	TEACHING SPECIALTY SUBJECT	1 3	(A YES // C NO,ONLY OTHERS)	* NOTE H004 *	240 9,99
351	578	3,2	TN2.S05	NON-SPECIALTY TEACHING	1 3	(A ONE SUBJECT // C MOST SUBJECTS)	* NOTE H004 *	240 9,99
352	581	3,2	TN2.S06	YRS OF EDUCATION, PRIMARY & SECONDARY	1 5	(A LE 6 YRS // E GT 12 YRS)	* NOTE H004 *	240 9,99

NOTE A002

LIKSCH

SUMMATION:

MISSING VALUE RULES:

CAUTION:

RANGE:

LIKE SCHOOL

SCORE = SUM OF ITEM VALUES

SCORED MISSING IF ALL ITEMS MISSING

POSITIVE SCORES HAVE A NEGATIVE MEANING

-12, +12

		MD	A	B
	ORIGINAL CODES			
	STORED CODES	9	1	2
	SCALE VALUES	0	-1	+1
Q12H01	SCHOOL MOST ENJOYABLE PART OF LIFE	0	-1	+1
Q12H03	DISLIKE SCHOOL WORK	0	-1	+1
Q12H06	DISLIKE MANY SUBJECTS	0	-1	+1
Q12H08	WANT EDUCATION	0	-1	+1
Q12H10	ENJOY EVERYTHING IN SCHOOL	0	-1	+1
Q12H11	SCHOOL CHALLENGING	0	-1	+1
Q12H13	SCHOOL NOT ENJOYABLE	0	-1	+1
Q12H15	LOOK FORWARD ONLY TO WEEKENDS ETC	0	-1	+1
	GAMES MORE INTERESTING THAN SCHOOL			
Q12H19	WORK	0	-1	+1
Q12H20	LIKE SCHOOL ONLY TO MEET FRIENDS	0	-1	+1
Q12H21	HOPE TO STUDY AT UNIVERSITY	0	-1	+1
Q12H23	SCHOOL DAYS, HAPPIEST DAYS	0	-1	+1

NOTE A006

NACH

SUMMATION:

MISSING VALUE RULES:

CAUTION:

RANGE:

NEED ACHIEVEMENT, SCHOOL MOTIVATION

SCORE = SUM OF ITEM VALUES

SCORED MISSING IF ALL ITEMS MISSING

POSITIVE SCORES HAVE A NEGATIVE MEANING

-11, +11

		MD	A	B
	ORIGINAL CODES			
	STORED CODES	9	1	2
	SCALE VALUES	0	-1	+1
Q12H02	IMPORTANT TO DO WELL IN SCHOOL	0	-1	+1
Q12H04	MIND WANDERS	0	-1	+1
Q12H05	SCHOOL A WASTE OF TIME	0	-1	+1
Q12H07	TEACHERS THINK YOU MISBEHAVE	0	-1	+1
Q12H09	WORRY ABOUT NOT DOING WELL	0	-1	+1
Q12H12	DIFFICULT TO CONCENTRATE	0	-1	+1
Q12H14	WORK HARD	0	-1	+1
Q12H16	EVER INVENT NEW GAME	0	-1	+1
Q12H17	EVER ENTER COMPETITION	0	-1	+1
Q12H18	EVER MAKE A PRESENT	0	-1	+1
Q12H22	UNHAPPY WITH LOW MARKS	0	-1	+1

NOTE A010

ENVIR

SUMMATION:

MISSING VALUE RULES:

CAUTION:

RANGE:

SCHOOL ENVIRONMENT, SCHOOL BEHAVIOR

SCORE = SUM OF ITEM VALUES

SCORED MISSING IF ALL ITEMS MISSING

ALPHA RELIABILITY COEFFICIENTS GENERALLY VERY LOW. THIS SCALE HAS BEEN RETAINED TO PERMIT REPLICATION OF ORIGINAL ANALYSES. IT IS NOT RECOMMENDED FOR OTHER USE

-11, +11

	ORIGINAL CODES	MD	A	B
	STORED CODES	9	1	2
	SCALE VALUES	0	-1	+1
Q12H25	STUDENTS AGREE WITH TEACHER	0	-1	+1
Q12H26	FORBIDDEN TO SIT IN ROOM AT BREAK	0	-1	+1
Q12H27	TCHRS MAKE YOU FEEL SMALL	0	-1	+1
Q12H28	NO LINING UP TO ENTER SCHOOL	0	-1	+1
Q12H29	STUDENTS SIT ANYWHERE	0	-1	+1
Q12H30	GOOD BEHAVIOR OVER GOOD GRADES	0	-1	+1
Q12H31	TEACHERS CRITICIZE IDEAS	0	-1	+1
Q12H32	STAND UP WHEN TCHRS ENTER	0	-1	+1
Q12H33	FREE CHOICE, SOME SUBJECTS	0	-1	+1
Q12H34	TEACHERS STRICT ABOUT HOMEWORK	0	-1	+1
Q12H35	STUDENT CONFESSION NOT PUNISHED	Not used		
Q12H36	LAZINESS NOT LACK OF TALENT	0	-1	+1

NOTE A014

SCINT

SUMMATION:

MISSING VALUE RULES:

CAUTION:

RANGE:

INTEREST IN SCIENCE

SCORE = SUM OF ITEM VALUES

SCORED MISSING IF ALL ITEMS MISSING

POSITIVE SCORES HAVE A NEGATIVE MEANING

-15, +15

	ORIGINAL CODES	MD	A	B	C
	STORED CODES	9	1	2	3
	SCALE VALUES	0	-1	0	+1
Q1SK01	SCIENCE MARKS VS OTHER MARKS	0	-1	0	+1
Q1SK02	LIKE SCIENCE	0	-1	0	+1
Q1SK03	WANTS TO CONTINUE SCIENCE	0	-1	0	+1
Q1SK04	WANTS CAREER USING SCIENCE	0	-1	0	+1
Q1SK05	FREQ VISIT SCIENCE MUSEUM	0	-1	0	+1
Q1SK06	FREQ ATTEND SCIENCE CLUB	0	-1	0	+1
Q1SK07	FREQ BUILD MODEL SHIPS ETC	0	-1	0	+1
Q1SK08	FREQ BUILD ELECTRONIC APPARATUS	0	-1	0	+1
Q1SK09	FREQ VISIT AIRFIELD	0	-1	0	+1
Q1SK10	FREQ VISIT HARBOR	0	-1	0	+1
Q1SK11	FREQ READ SCIENCE FICTION	0	-1	0	+1
Q1SK12	FREQ USE TELESCOPE	0	-1	0	+1
Q1SK13	FREQ DO OWN CHEMISTRY EXPERIMENTS	0	-1	0	+1
Q1SK14	STUDY OR COLLECT FLOWERS	Not used			
Q1SK15	STUDY OR COLLECT INSECTS	0	-1	0	+1
Q1SK16	STUDY OR COLLECT ROCKS	0	-1	0	+1

NOTE A018

SCISCH

SUMMATION:

MISSING VALUE RULES:

CAUTION:

RANGE:

SCIENCE TEACHING IN OUR SCHOOL

SCORE = SUM OF ITEM VALUES

SCORED MISSING IF ALL ITEMS MISSING

POSITIVE SCORES HAVE A NEGATIVE MEANING

-6, +6

ORIGINAL CODES

MD

A

B

STORED CODES

9

1

2

SCALE VALUES

0

-1

+1

Q1SK17

HAS REGULAR SCIENCE LESSONS

0

-1

+1

Q1SK18

HAS SCIENCE TEXTBOOK

0

-1

+1

Q1SK19

PARTICIPATION IN LABS

0

-1

+1

Q1SK20

EXPERIMENTS IN SCIENCE LESSONS

0

-1

+1

Q1SK21

TEACHER QUESTIONS ON EXPERIMENTS

0

-1

+1

Q1SK22

STUDENTS DESIGN OWN EXPERIMENTS

0

-1

+1

NOTE B002
INSTRUMENT NR E15W

RWK CORR SCORE, WORD
 KNOWLEDGE TEST 1

CWK CORR SCORE, WORD
 KNOWLEDGE TEST 1

	RAW SCORE NAMES	RAW RANGE	CORR SCORE NAMES	CORR RANGE
ANCHOR POP 1-2	RWK12	0, 13	CWK12	-13.0, 13
TOTAL	RWK	0, 40	CWK	-40.0, 40
NR ALTERNATIVES = 2				

THE LOWEST AND HIGHEST POSSIBLE RAW OR CORRECTED SCORE FOR EACH OF THE SUBTESTS. THE RAW SCORE IS SIMPLY THE NUMBER OF RIGHT ANSWERS; IN AN ATTEMPT TO REDUCE THE EFFECT OF GUESSING, THE CORRECTED SCORE WAS CALCULATED ACCORDING TO THE FORMULA $C=R-(W/(K-1))$ WHERE C IS THE CORRECTED SCORE, R THE NUMBER OF RIGHT ANSWERS, W THE NUMBER OF WRONG ANSWERS (NOT INCLUDING THOSE ITEMS UNANSWERED) AND K THE NUMBER OF ALTERNATIVES FOR EACH QUESTION ON THE TEST. FOR NEGATIVE SCORES, 0.1 WAS ADDED TO THE SCORE BEFORE ENTERING IT INTO THE DATA RECORD, IN PRACTICE, THE LOWEST LIMIT FOR STAGE 2 SCORES IS -10.0 SINCE THE USE OF FORTRAN FORMAT F3.1 PRECLUDES STORING VALUES LOWER THAN -9.9.

THE WORD KNOWLEDGE INSTRUMENTS WERE NOT USED IN JAPAN, RUMANIA, AND THAILAND. IN THE FEDERAL REPUBLIC OF GERMANY, FINLAND AND ISRAEL THE WORD PAIRS USED IN THESE INSTRUMENTS ARE NOT NECESSARILY TRANSLATIONS OF THE INTERNATIONAL ENGLISH VERSIONS. IN ANY CASE, SINCE THE ITEM DIFFICULTIES WERE NEITHER THE SAME NOR HIGHLY CORRELATED FROM COUNTRY TO COUNTRY, THESE TESTS ARE NOT RECOMMENDED FOR CERTAIN CROSS- LANGUAGE COMPARISONS. IN ADDITION, HUNGARY DID TRANSLATE THE WORD PAIRS DIRECTLY FROM THE INTERNATIONAL VERSION, BUT THE TEST THEN PROVED TOO EASY FOR THE STUDENTS AND THUS IS NO GOOD MEASURE OF VERBAL INTELLIGENCE. SEE ROBERT L. THORNDIKE, READING COMPREHENSION EDUCATION IN FIFTEEN COUNTRIES (STOCKHOLM: ALMQVIST & WIKSELL, 1973), PP. 29-36. THE INTERNATIONAL SCORING KEYS APPLY IN ALL CASES EXCEPT FINLAND STAGE 2 POPULATION 1. IN THE LATTER CASE THE SCORES ARE INCORRECT AND CANNOT BE USED. NOTE THAT STAGE 2 CORRECTED SCORES DIFFER FROM THOSE OF STAGE 3 IN THAT THE NEGATIVE SCORES HAVE BEEN INCREASED BY 0.1 AND THAT A SCORE OF -9.9 INDICATES A SCORE OF -9.9 OR LOWER.

NOTE B004
INSTRUMENT NR E15W ITEMS 1-40

ITEM NR	CR	SUB	ANC
E15W01		2	
E15W02		2	
E15W03		2	E25W10
E15W04		2	
E15W05		1	E25W15
E15W06		2	
E15W07		2	
E15W08		1	
E15W09		1	
E15W10		2	
E15W11		2	E25W19
E15W12		2	
E15W13		2	
E15W14		2	E25W20
E15W15		2	
E15W16		2	
E15W17		2	
E15W18		2	E25W22 E45W01
E15W19		1	
E15W20		1	
E15W21		2	E25W02
E15W22		2	
E15W23		1	E25W26
E15W24		2	
E15W25		2	
E15W26		2	
E15W27		1	
E15W28		2	E25W04
E15W29		1	E25W06
E15W30		1	
E15W31		1	
E15W32		1	
E15W33		1	E25W31
E15W34		1	
E15W35		1	E25W11
E15W36		2	E25W12
E15W37		1	
E15W38		2	E25W30 E45W05
E15W39		1	
E15W40		1	

CR AND ANC KEYS DO NOT
 APPLY TO FINLAND

**NOTE B014
INSTRUMENT NR E1SA,
E1SB**

RSCI RAW SCORE, SCIENCE
TEST A & B

CSCI CORR SCORE, SCIENCE
TEST A & B

1ST CHARACTER = CONTENT
AREA

KEY TO SUBTEST
CLASSIFICATION (SUB=)

	RAW SCORE NAMES	RAW RANGE	CORR SCORE NAMES	CORR RANGE
E EARTH SCIENCE	REASB	0, 9	CEASB	-2.3, 9
B BIOLOGY	RBISB	0, 13	CBISB	-3.3, 13
C CHEMISTRY	RCHSB	0, 4	CCHSB	-1.0, 4
P PHYSICS	RPHSB	0, 14	CPHSB	-3.5, 14

2ND CHARACTER =
BEHAVIORAL OBJECTIVE

	RAW SCORE NAMES	RAW RANGE	CORR SCORE NAMES	CORR RANGE
A FUNCTIONAL INFORMATION	RSASB	0, 11	CSASB	-2.8, 11
B COMPREHENSION	RSBSB	0, 14	CSBSB	-3.5, 14
C APPLICATION	RSCSB	0, 9	CSCSB	-2.3, 9
D HIGHER PROCESSES	RSDSB	0, 6	CSDSB	-1.5, 6

ANCHOR POP 1-2	RS12	0, 11	CS12	-2.8, 11
TOTAL				
E1SA	RSCIA	0, 20	CSCIA	-5.0, 20
E1SB	RSCIB	0, 20	CSCIB	-5.0, 20
BOTH	RSCI	0, 40	CSCI	-10.0, 40

NR ALTERNATIVES = 5

NOTE THAT NEGATIVE SCORES HAVE BEEN INCREASED BY 0.1 SO THAT THE LOWEST SCORE FOUND IN THE DATA IS -9.9.

**NOTE B016
INSTRUMENT NR E1SA ITEMS 1-20**

ITEM NR	CR	SUB	ANC
E1SA01	A	EA	
E1SA02	B	EB	
E1SA03	E	EA	
E1SA04	B	EB	
E1SA05	A	EC	
E1SA06	D	EC	
E1SA07	D	BB	E2SA02
E1SA08	B	BD	E2SB04
E1SA09	B	BD	E2SA11
E1SA10	D	BC	
E1SA11	E	BC	
E1SA12	C	CA	E2SB11
E1SA13	E	CA	
E1SA14	A	PD	E2SA21
E1SA15	B	PC	
E1SA16	D	PB	
E1SA17	A	PB	
E1SA18	C	PA	
E1SA19	D	PC	
E1SA20	D	PD	

NOTE B018
INSTRUMENT NR E1SB ITEMS 1-20

ITEM NR	CR	SUB	ANC
E1SA01	D	EA	
E1SA02	C	EA	E2SA01
E1SA03	C	EB	
E1SA04*	C	BB	
E1SA05	E	BA	
E1SA06	D	BC	E2SB03
E1SA07	B	BC	E2SA04
E1SA08	C	BB	
E1SA09	E	BB	
E1SA10	B	BD	
E1SA11	E	BB	
E1SA12	A	CB	
E1SA13	B	CA	
E1SA14	C	PA	
E1SA15	C	PB	E2SB22
E1SA16	C	PD	
E1SA17	E	PB	
E1SA18	C	PC	
E1SA19	A	PA	E2SB26
E1SA20	A	PB	

* CONTENT AREA OMITTED
 IN COMBER AND KEEVES,
 BUT ORIGINALLY LISTED AND
 SCORED AS B.

NOTE B054
INSTRUMENT NR
E1RC, E1RD

RRDG RAW SCORE, READING
 COMPR C & D

CRDG CORR SCORE,
 READING COMPR C & D

1ST CHARACTER = TYPE OF
 READING PROCESS *
 KEY TO SUBTEST
 CLASSIFICATION (SUB=)

	RAW SCORE NAMES	RAW RANGE	CORR SCORE NAMES	CORR RANGE
A ABILITY TO DETERMINE THE MEANING OF A WORD OR PHRASE IN CONTEXT	RRASB	0, 3	CRASB	-1.0, 3
B ABILITY TO ANSWER QUESTIONS THAT ARE SPECIFICALLY ANSWERED	RRBSB	0, 13	CRBSB	-4.3, 13
C ABILITY TO DRAW INFERENCES FROM A PASSAGE ABOUT ITS SPECIFICALLY ANSWERED	RRCSB	0, 18	CRCSB	-6.0, 18
D ABILITY TO DETERMINE WRITER'S PURPOSE, INTENT SPECIFICALLY ANSWERED	RRDSB	0, 5	CRDSB	-1.7, 5

ANCHOR POP 1-2 RR12	0, 7	CR12	-2.3, 7
TOTAL			
E1RC RRDGC	0, 21	CRDGC	-7.0, 21
E1RD RRDGD	0, 24	CRDGD	-8.0, 24
BOTH RRDG	0, 45	CRDG	-10.0, 45

NR ALTERNATIVES = 4

* NOTE THAT NOT ALL ITEMS USED IN SUBTESTS. THE USER SHOULD ALSO BE AWARE THAT, DUE TO HIGH INTERCORRELATIONS, THESE SUBTEST SCORES ARE GENERALLY NOT USEFUL. SEE THORNDIKE VOLUME, PAGES 59-60. NOTE THAT NEGATIVE SCORES HAVE BEEN INCREASED BY 0.1 SO THAT THE LOWEST SCORE FOUND IN THE DATA IS -9.9

NOTE THAT NEGATIVE SCORES HAVE BEEN INCREASED BY 0.1 SO THAT THE LOWEST SCORE FOUND IN THE DATA IS -9.9.

NOTE B056
INSTRUMENT NR E1RC ITEMS 1-21

ITEM NR	CR	SUB	ANC
E1RC01	A	B	
E1RC02	C		
E1RC03	C	C	
E1RC04	A	B	
E1RC05	A	D	
E1RC06	B	B	
E1RC07	B	C	
E1RC08	B	B	
E1RC09	D		
E1RC10	C	D	
E1RC11	C	B	
E1RC12	A		
E1RC13	D	C	
E1RC14	A	C	
E1RC15	C	B	
E1RC16	A	C	
E1RC17	D	C	
E1RC18	D	B	
E1RC19	B		
E1RC20	C	C	
E1RC21	B	C	

NOTE B058
INSTRUMENT NR E1RD ITEMS 1-24

ITEM NR	CR	SUB	ANC
E1RD01	D	C	
E1RD02	C	B	
E1RD03	A	B	
E1RD04	B		
E1RD05	C	B	
E1RD06	D	B	E2RC01
E1RD07	D	C	E2RC02
E1RD08	D	C	E2RC03
E1RD09	B	C	E2RC04
E1RD10	D	C	E2RC05
E1RD11	B	A	E2RC06
E1RD12	D	C	E2RC07
E1RD13	D	B	
E1RD14	B	C	
E1RD15	B	B	
E1RD16	A		
E1RD17	A	A	
E1RD18	C	D	
E1RD19	C	D	
E1RD20	D	A	
E1RD21	B	C	
E1RD22	D	C	
E1RD23	A	C	
E1RD24	D	D	

NOTE C004

FATHER'S OCCUPATION CODE FOR BELGIUM (FLEMISH)

- 0 UNCLASSIFIED.
- 1 PARENTS DECEASED.
- 2 UNSKILLED LABORER.
- 3 SKILLED LABORER.
- 4 OFFICE WORKER, POST OFFICE CLERK, BAKER, FARMER (1 HORSE).
- 5 PRIMARY SCHOOL TEACHER, BOOKKEEPER, TRAVELLING SALESMAN, CRAFTSMAN (1-2 HANDS).
- 6 SOCIAL WORKER, POLICE COMMISSIONER, BAILIFF, MANAGER (10 EMPLOYEES).
SECONDARY SCHOOL TEACHER WITH HIGHER EDUCATION ("LICENCE"), PRIMARY SCHOOL INSPECTOR,
- 7 WHOLESALER.
- 8 GRADUATE FROM COLLEGE OF ADVANCED TECHNOLOGY, MANAGER (150 EMPLOYEES).
- 9 UNIVERSITY GRADUATE (E.G., MAGISTRATE, BIG INDUSTRIALIST, BANK MANAGER).

NOTE C006

FATHER'S OCCUPATION CODE FOR BELGIUM (FRENCH)

- 0 UNCLASSIFIABLE, UNEMPLOYED, DISABLED.
- 1 UNSKILLED LABORERS, FARM WORKERS.
- 2 SEMISKILLED WORKERS.
- 3 FOREMEN, HIGHLY SKILLED WORKERS.
- 4 SHOPKEEPERS, HAIRDRESSERS, BAKERS, ETC.
LOW LEVEL WHITE-COLLAR WORKERS OR MINOR OFFICIALS (E.G., POLICE, CLERKS, SHORTHAND
- 5 TYPISTS) WITH MIDDLE SCHOOL OR A3 LEVEL EDUCATION; SMALL FARMERS.
TECHNICIANS WITH GRADE A2 EDUCATION, DRAFTSMEN, MANAGERS OF SMALL BUSINESSES (UP TO 5
- 6 EMPLOYEES), NURSERY SCHOOL TEACHERS.
PRIMARY SCHOOL TEACHERS, SECONDARY SCHOOL TEACHERS WITH SHORT-TERM TRAINING
- 7 ("REGENT"); PERSONS WITH A1 FIRST LEVEL EDUCATION; BIG FARMERS.
ENGINEERING TECHNICIANS WITH GRADE A1 EDUCATION, OWNERS OF LARGE BUSINESSES,
- 8 CHARTERED ACCOUNTANTS.
UNIVERSITY GRADUATES AS WELL AS TECHNICAL MIDDLE SCHOOL FOR THE TRAINING OF SKILLED WORKERS.
AGE LEVEL 12 - 15 YEARS. A2 = TECHNICAL SECONDARY SCHOOL FOR THE TRAINING OF TECHNICIANS,
E.G., SECRETARIES, MASTER TAILORS, ADVERTISING ILLUSTRATORS, LABORATORY TECHNICIANS A1 =
TECHNICAL COLLEGE, A FORM OF HIGHER EDUCATION FOR THE TRAINING OF ENGINEERING
- 9 TECHNICIANS. LENGTH 2 - 4 YEARS. AGE LEVEL 18 - 23 YEARS.

NOTE C010

FATHER'S OCCUPATION CODE FOR CHILE

- 0 UNCLASSIFIED
- 1 UNSKILLED WORKERS, CASUAL WORKERS
- 2 LABORERS (HIRED) IN AGRICULTURE, FORESTRY AND FISHING
- 3 SEMISKILLED WORKERS; VERY SMALL, INDEPENDENT TRADERS
- 4 SKILLED WORKERS (WITH STUDIES NOT GOING BEYOND SECONDARY SCHOOL
- 5 CLERICAL AND SALES WORKERS (LOWER LEVELS OF WHITE COLLAR WORK
- 6 POLICEMEN, MEMBERS OF ARMED SERVICES (LOWER RANKS
- 7 SUBPROFESSIONAL AND TECHNICAL
- 8 HIGHER PROFESSIONALS

ADMINISTRATORS, EXECUTIVES, LARGE AND MEDIUM SCALE WORKING PROPRIETORS AND MANAGERS, HIGHER RANKS IN ARMED FORCES (GENERALS AND COLONELS). OF LARGE BUSINESSES, CHARTERED ACCOUNTANTS. 9 UNIVERSITY GRADUATES. A3 = TECHNICAL MIDDLE SCHOOL FOR THE TRAINING OF SKILLED WORKERS. AGE LEVEL 12 - 15 YEARS. A2 = TECHNICAL SECONDARY SCHOOL FOR THE TRAINING OF TECHNICIANS, E.G., SECRETARIES, MASTER TAILORS, ADVERTISING ILLUSTRATORS, LABORATORY TECHNICIANS. A1 = TECHNICAL COLLEGE, A FORM OF HIGHER EDUCATION FOR THE TRAINING OF ENGINEERING TECHNICIANS. LENGTH 2 - 4 YEARS. AGE LEVEL 18 - 23 YEARS

NOTE: FARMERS WERE ASSIGNED TO CATEGORIES 2, 4, 7 AND 9 THE MAJORITY FELL IN 4..

NOTE E004
SCHOOL SUBJECT CODE FOR BELGIUM (FLEMISH)

Q12G21	READING.
Q12G22	GRAMMAR
Q12G23	WORD KNOWLEDGE
Q12G24	DICTATION
Q12G25	COMPOSITION
Q12G26	SPELLING
Q12G27	FRENCH AS A FOREIGN LANGUAGE
Q12G28	GENERAL SCIENCE
Q12G29	HISTORY
Q12G30	GEOGRAPHY
Q12G31	MENTAL ARITHMETIC
Q12G32	WRITTEN ARITHMETIC
Q12G33	GEOMETRICAL FORMS
Q12G34	PROBLEMS (ARITHMETICAL EXERCISES).

NOTE E010
SCHOOL SUBJECT CODE FOR BELGIUM (FRENCH)

Q12G21	READING
Q12G22	GRAMMAR
Q12G23	VOCABULARY
Q12G24	SPELLING (DICTATION, ETC
Q12G25	COMPOSITION
Q12G26	SPEECH
Q12G27	FOREIGN LANGUAGES
Q12G28	SCIENCE
Q12G29	HISTORY
Q12G30	GEOGRAPHY
Q12G31	ARITHMETIC (MENTAL COMPUTATION
Q12G32	ARITHMETIC (WRITTEN COMPUTATION
Q12G33	GEOMETRIC SHAPES
Q12G34	PROBLEMS (ARITHMETICAL EXERCISES)

NOTE F004

TEACHER'S TYPE OF EDUCATION CODE FOR BELGIUM (FLEMISH)

- 1 TEACHERS' TECHNICAL COLLEGE. 2 YEARS' TRAINING TO BECOME TEACHERS OF TECHNICAL SUBJECTS, AGRICULTURE, HORTICULTURE, COMMERCE AND VOCATIONAL PRACTICE TO STUDENTS AGED 11-14 YEARS
- 2 D-COURSES (TECHNICAL NORMAL COURSES WITH LIMITED CURRICULUM) 450 HOURS' TRAINING PER YEAR FOR PERSONS WITH WORK EXPERIENCE TO BECOME TEACHERS IN A TECHNICAL SCHOOL
- 3 TEACHERS' COLLEGE. 2 YEARS' TRAINING TO BECOME TEACHERS OF GENERAL EDUCATION TO SECONDARY SCHOOL STUDENTS AGED 11-14 YEARS
- 4 UNIVERSITY GRADUATES ("LICENSE"). 4 YEARS' TRAINING TO BECOME TEACHERS OF SECONDARY SCHOOL STUDENTS AGED 14 - 18 YEARS.

**NOTE G006
STRATIFICATION CODE FOR BELGIUM,**

DESIGN AND EXECUTION: NO INFORMATION IS AVAILABLE EXCEPT THAT THE NUMBER OF REFUSALS WAS LARGE AND THAT IT WAS THUS IMPOSSIBLE TO ACHIEVE THE DESIGN SAMPLE SIZE

TARGET POPULATION: STUDENTS BORN IN 1959 AND IN GRADE 4, 5 OR 6.

EXCLUDED STUDENTS: THOSE ATTENDING SCHOOLS WITH A SPECIAL PROGRAM AND SPECIAL METHODS FOR RETARDED AND HANDICAPPED CHILDREN

THE DESCRIPTIONS OF THE SAMPLE DESIGN AND EXECUTION AND THE TARGET AND EXCLUDED POPULATIONS ARE TAKEN FROM INFORMATION SUPPLIED BY THE NATIONAL TECHNICAL OFFICER, AND SHOULD BE COMPARED WITH THE AGE AND GRADE FREQUENCIES IN THE INTRODUCTORY MANUAL FOR A MORE ACCURATE DESCRIPTION OF THE ACTUAL SAMPLE

FOR STAGE 2 THE FIGURES FOR DESIGNED NUMBER OF STUDENTS (DN), DESIGNED NUMBER OF SCHOOLS (DNSCH) AND NUMBER OF STUDENTS IN THE POPULATION FROM WHICH THE SAMPLE WAS TO BE DRAWN (NPOP), WHEN GIVEN, WERE TAKEN FROM THE WEIGHTING SUMMARY PRINTOUT; THE PRIOR SOURCE OF THESE FIGURES IS UNKNOWN, BUT THEY ARE PRESUMABLY THE ONES USED IN CREATING THE WEIGHTS WHICH APPEAR IN THE DATA. FOR STAGE 3, THE POPULATION FIGURES ARE TAKEN FROM FILES IN STOCKHOLM, AND THUS MAY NOT BE THE ONES USED IN THE COMPUTATION OF WEIGHTS. NOTE THAT THE TOTAL NPOP GIVEN BELOW INCLUDES THE POPULATION OF ANY UNSAMPLED STRATA. TO REPLICATE THE CURRENT WEIGHTS THE POPULATION OF THOSE STRATA SHOULD BE SUBTRACTED FROM THE TOTAL BEFORE APPLYING THE WEIGHTING FORMULA FOUND ON PAGE 10 OF THE INTRODUCTORY MANUAL

STRATUM NAME	STR	SUPSTR	STRWGT	N	NSCH	SSWGT
CATHOLIC SCHOOLS	1	1	0,82	548	23	0,82
PUBLIC SCHOOLS	2	2	1,57	173	10	1,57
TOTAL				721	33	

NOTE G012
STRATIFICATION CODE FOR BELGIUM, FRENCH

DESIGN: SCHOOLS WERE NOT DRAWN WITH PROBABILITIES PROPORTIONATE TO SIZE, AND IT IS NOT SPECIFIED WHETHER WITHIN-SCHOOL SAMPLING FRACTION WAS KEPT CONSTANT AS IT SHOULD HAVE BEEN IN THIS TYPE OF DESIGN.

EXECUTION: THE PERCENT OF REFUSALS WAS REPORTED TO BE LARGE.

TARGET POPULATION: STUDENTS AGED 10:00 - 10:11 ON JANUARY 1, 1971 AND ATTENDING GRADE 5 OR 6.

EXCLUDED STUDENTS: THOSE ATTENDING VOCATIONAL SCHOOLS (ECOLEES PROFESSIONNELLES, NOT ECOLES TECHNIQUES) OR VOCATIONAL FORMS, AND THOSE IN SCHOOLS FOR THE MENTALLY HANDICAPPED, AS WELL AS THOSE NOT IN THE ABOVE-MENTIONED GRADES.

THE DESCRIPTIONS OF THE SAMPLE DESIGN AND EXECUTION AND THE TARGET AND EXCLUDED POPULATIONS ARE TAKEN FROM INFORMATION SUPPLIED BY THE NATIONAL TECHNICAL OFFICER, AND SHOULD BE COMPARED WITH THE AGE AND GRADE FREQUENCIES IN THE INTRODUCTORY MANUAL FOR A MORE ACCURATE DESCRIPTION OF THE ACTUAL SAMPLE.

FOR STAGE 2 THE FIGURES FOR DESIGNED NUMBER OF STUDENTS (DN), DESIGNED NUMBER OF SCHOOLS (DNSCH) AND NUMBER OF STUDENTS IN THE POPULATION FROM WHICH THE SAMPLE WAS TO BE DRAWN (NPOP), WHEN GIVEN, WERE TAKEN FROM THE WEIGHTING SUMMARY PRINTOUT; THE PRIOR SOURCE OF THESE FIGURES IS UNKNOWN, BUT THEY ARE PRESUMABLY THE ONES USED IN CREATING THE WEIGHTS WHICH APPEAR IN THE DATA. FOR STAGE 3, THE POPULATION FIGURES ARE TAKEN FROM FILES IN STOCKHOLM, AND THUS MAY NOT BE THE ONES USED IN THE COMPUTATION OF WEIGHTS NOTE THAT THE TOTAL NPOP GIVEN BELOW INCLUDES THE POPULATION OF ANY UNSAMPLED STRATA. TO REPLICATE THE CURRENT WEIGHTS, THE POPULATION OF THOSE STRATA SHOULD BE SUBTRACTED FROM THE TOTAL BEFORE APPLYING THE WEIGHTING FORMULA FOUND ON PAGE 10 OF THE INTRODUCTORY MANUAL.

STRATUM NAME	STR	SUPSTR	STRWGT	N	NSCH	SSWGT
CATHOLIC SCHOOLS	2	2	0,82	372	11	1,06
STATE SCHOOLS (ECOLEES PREPARATOIRES)	11	1	0,77	150	5	0,77
LOCAL AUTHORITY SCHOOLS (ECOLEES COMMUNALES)	12	2	1,39	256	17	1,06
TOTAL				778	33	

**NOTE G022
STRATIFICATION CODE
FOR CHILE**

DESIGN: IT WAS DIFFICULT TO GET THE COOPERATION OF THE SCHOOLS, BUT THE FINAL SAMPLE REPRESENTS PARTICIPATION OF MORE THAN 80% OF THE

EXECUTION: ORIGINALLY SELECTED SCHOOLS.

TARGET POPULATION: STUDENTS AGED 10:00 - 10:11 WHO ARE IN PRIMARY SCHOOL ABOVE THE SECOND GRADE.

EXCLUDED STUDENTS: THOSE IN GRADES 1 AND 2 (27.3% OF THE AGE GROUP WHO ARE IN SCHOOL). NOTE THAT AN ADDITIONAL 6.5% OF THE AGE GROUP WAS NOT IN SCHOOL.

THE DESCRIPTIONS OF THE SAMPLE DESIGN AND EXECUTION AND THE TARGET AND EXCLUDED POPULATIONS ARE TAKEN FROM INFORMATION SUPPLIED BY THE NATIONAL TECHNICAL OFFICER, AND SHOULD BE COMPARED WITH THE AGE AND GRADE FREQUENCIES IN THE INTRODUCTORY MANUAL FOR A MORE ACCURATE DESCRIPTION OF THE ACTUAL SAMPLE.

FOR STAGE 2 THE FIGURES FOR DESIGNED NUMBER OF STUDENTS (DN), DESIGNED NUMBER OF SCHOOLS (DNSCH) AND NUMBER OF STUDENTS IN THE POPULATION FROM WHICH THE SAMPLE WAS TO BE DRAWN (NPOP), WHEN GIVEN, WERE TAKEN FROM THE WEIGHTING SUMMARY PRINTOUT; THE PRIOR SOURCE OF THESE FIGURES IS UNKNOWN, BUT THEY ARE PRESUMABLY THE ONES USED IN CREATING THE WEIGHTS WHICH APPEAR IN THE DATA. FOR STAGE 3, THE POPULATION FIGURES ARE TAKEN FROM FILES IN STOCKHOLM, AND THUS MAY NOT BE THE ONES USED IN THE COMPUTATION OF WEIGHTS NOTE THAT THE TOTAL NPOP GIVEN BELOW INCLUDES THE POPULATION OF ANY UNSAMPLED STRATA. TO REPLICATE THE CURRENT WEIGHTS, THE POPULATION OF THOSE STRATA SHOULD BE SUBTRACTED FROM THE TOTAL BEFORE APPLYING THE WEIGHTING FORMULA FOUND ON PAGE 10 OF THE INTRODUCTORY MANUAL.

STRATUM NAME	STR	SUPSTR	STRWGT	N	NSCH	SSWGTN
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NOTE H002
CRITERIA FOR CLASSIFYING TEACHERS BY SUBJECT IN STAGE 2

IN THIS FILE TEACHERS ARE KEPT SEPARATE BY SUBJECT. SINCE THE TN2 QUESTIONNAIRE AND THE FIRST PART OF THE TNM QUESTIONNAIRE WERE GIVEN TO TEACHERS IN MORE THAN ONE SUBJECT, SPECIAL CRITERIA WERE NEEDED TO CLASSIFY TEACHERS ON THE VARIABLES FROM THESE QUESTIONNAIRES.

(A) IN COUNTRIES WHICH TESTED IN ONLY SUBJECT, ALL RESPONDING TEACHERS WERE CLASSIFIED UNDER THE SUBJECT TESTED.

(B) IN OTHER COUNTRIES, WE FIRST SCREENED TO SEE IF TEACHERS ANSWERED MORE THAN THREE ITEMS ON SPECIFIED PARTS OF THE SPECIALIZED QUESTIONNAIRES TNSG AND TNM:

SECTION SCREENED	ASSIGNMENT OF TEACHER IF GT 3 RESPONSES
TNSG01-24	SCIENCE
TNM01-27	READING COMPREHENSION
TNM28-59*	LITERATURE

*NOTE Pop I has data until TNM27

NOTE THAT THE USE OF THIS CRITERION MEANS THAT LITERATURE TEACHERS WERE NORMALLY ALSO CLASSIFIED AS READING TEACHERS.

(C) TEACHERS WHO MET NONE OF THE ABOVECRITERIA WERE CLASSIFIED ACCORDING TO THEIRRESPONSE TO TN203:

RESPONSE	ASSIGNMENT OF TEACHER
A	SCIENCE
B	READING COMPREHENSION
C	NOT USED
D	NOT USED

GIVEN ALL THREE CRITERIA, ALL OR ALMOST ALL CASES COULD BE USED. FOR TEACHERS N'S SEE INTRODUCTORY MANUAL.

NOTE H004

EDITS FOR CONSISTENCY IN TEACHER VARIABLES IN STAGE 2

IN THE MERGE RUN TEACHER VARIABLES WERE AGGREGATED TO THE LEVEL OF THE SCHOOL. INDIVIDUAL VALUES CANNOT BE RETRIEVED FROM THIS FILE FOR LATER EDITING. THEREFORE, THE FOLLOWING CONSISTENCY EDITS WERE CARRIED OUT DURING THE MERGE RUNS THEMSELVES:

- (A) TEACHERS RESPONDING 'C' OR 'D' TO ITEM TN203 AND NOT ALREADY MISSING ON TN204 WERE SET TO MISSING ON TN204.
- (B) TEACHERS RESPONDING 'A' OR 'B' TO ITEM TN203 AND NOT ALREADY MISSING ON TN205 WERE SET TO MISSING ON TN205.
- (C) TEACHERS WHOSE RESPONSE TO TN209 WAS GREATER THAN THEIR RESPONSE TO TN208 WERE SET TO MISSING ON BOTH VARIABLES.
- (D) TEACHERS RESPONDING 'B' TO TNSG20 AND NOT ALREADY MISSING ON ITEMS TNSG21-23 WERE SET TO MISSING ON THE LATTER VARIABLES.
- (E) TEACHERS WHO RESPONDED 'A', 'B' OR 'E' TO ITEM TNM01 AND 'D' TO ITEM TNM27 WERE SET TO MISSING ON ITEM TNM27.
- (F) TEACHERS RESPONDING 'D' TO ITEM TNM27 AND NOT ALREADY MISSING ON ITEMS TNM28-59 WERE SET TO MISSING ON THE LATTER VARIABLES. (THIS EDIT TOOK PLACE AFTER THE PRECEDING EDIT AND THEREFORE DID NOT AFFECT TEACHERS SET TO MISSING ON TNM27)