

## **Study on Social and Emotional Skills (SSES) – Student**

Codebook for public release data : INT\_01\_ ST\_(2021.04.14)\_public.sav

### **Student Administrative Metadata**

Variable	Variable label	Value Label
FullID	Student full ID	<15-digit code>
Username_Std	Student Username	<9-digit code>
Username_TC	Teacher Username	<8-digit code>
CohortID	Cohort ID	1 - Younger cohort 2 - Older cohort
SiteID	Site numeric code	01 - Ottawa 02 - Houston 03 - Bogota 04 - Manizales 06 - Helsinki 07 - Moscow 08 - Istanbul 09 - Daegu 10 - Sintra 11 – Suzhou
SchID	School ID	<3-digit code>
StdID	Student ID	<3-digit code>
LANG	Language 3-letter code	CHI - Chinese ENG - English FIN - Finnish FRE - French ITA - Italian KOR - Korean PRT - Portuguese RUS - Russian SPA - Spanish SWE - Swedish TUR – Turkish

Variable	Variable label	Value Label
Gender_Std	Gender - student	1 - Female 2 - Male 7 - N/A 8 - Missing by design 9 - Omitted
Start_date	Start date (DD-MMM-YYYY)	
Start_time	Start time (hh:mm)	
End_date	End date (DD-MMM-YYYY)	
End_time	End time (hh:mm)	
Session_LengthS	Total time spent (minutes) - Student	999999 - Missing (missing end date)

In Stata (in SPSS):

.d for missing by design (8)

.n for N/A (7)

.o for omitted. (9)

### Occupational codes and standardised master grade

MS Variable	Variable label	Valid value	Missing value
MISCO_ST	ISCO of mother or female guardian	<1 digit ISCO code> 0 - Armed Forces Occupations 1 - Managers 2 - Professionals 3 - Technicians and Associate Professionals 4 - Clerical Support Workers 5 - Services and Sales Workers 6 - Skilled Agricultural, Forestry and Fishery Workers 7 - Craft and Related Trades Workers 8 - Plant and Machine Operators and Assemblers 9 - Elementary Occupations 9996 - Invalid 9997 - N/A 9999 - Omitted	9996, 9997, 9999
FISCO_ST	ISCO of father or male guardian		
STISCO_ST	Expected ISCO of student		
MISEI_ST	ISEI of mother or female guardian	<ISEI code> 99 - Omitted	99
FISEI_ST	ISEI of father or male guardian		
STISEI_ST	Expected ISEI of student		
Sgrade_Math	Standardised grade - Mathematics	Not applicable	Not applicable
Sgrade_Read_Lang	Standardised grade - Reading / Language		
Sgrade_Arts	Standardised grade - Arts		

### **Student Direct Assessment**

<b>Skill number</b>	<b>Skill 3-letter code</b>	<b>Skill/scale</b>
02	SOC	Sociability
03	EMO	Emotional control
04	CUR	Curiosity
05	EMP	Empathy
07	RES	Responsibility
08	ENE	Energy
09	OPT	Optimism
10	TOL	Tolerance
11	TRU	Trust
13	PER	Perseverance/Persistence
14	ASS	Assertiveness
15	STR	Stress resistance/resilience
16	CRE	Creativity
17	SEL	Self-control
18	COO	Cooperation

<b>Valid value</b>	<b>Missing value</b>
1 - Strongly disagree 2 - Disagree 3 - Neither agree nor disagree 4 – Agree 5 - Strongly agree	7 - N/A 9 - Omitted

Variable	Skill number	Variable label	Reverse scoring
STA_ASS01	14		No
STA_ASS02	14		No
STA_ASS03	14		No
STA_ASS04	14		No
STA_ASS05	14		Yes
STA_ASS06	14		No
STA_ASS07	14		No
STA_ASS08	14		No
STA_COO01	18		No
STA_COO02	18		No
STA_COO03	18		No
STA_COO04	18		Yes
STA_COO05	18		No
STA_COO06	18		No
STA_COO07	18		No
STA_COO08	18		No
STA_CRE01	16		No
STA_CRE02	16		No
STA_CRE03	16		Yes
STA_CRE04	16		No
STA_CRE05	16		No
STA_CRE06	16		No
STA_CRE07	16		Yes
STA_CRE08	16		Yes
STA_CUR01	04		No
STA_CUR02	04		No
STA_CUR03	04		No
STA_CUR04	04		No
STA_CUR05	04		No

Variable	Skill number	Variable label	Reverse scoring
STA_CUR06	04		Yes
STA_CUR07	04		No
STA_CUR08	04		No
STA_EMO01	03		No
STA_EMO02	03		No
STA_EMO03	03		Yes
STA_EMO04	03		No
STA_EMO05	03		Yes
STA_EMO06	03		Yes
STA_EMO07	03		No
STA_EMO08	03		Yes
STA_EMP01	05		No
STA_EMP02	05		No
STA_EMP03	05		No
STA_EMP04	05		No
STA_EMP05	05		No
STA_EMP06	05		No
STA_EMP07	05		No
STA_EMP08	05		Yes
STA_ENE01	08		No
STA_ENE02	08		No
STA_ENE03	08		Yes
STA_ENE04	08		Yes
STA_ENE05	08		No
STA_ENE06	08		Yes
STA_ENE07	08		Yes
STA_ENE08	08		No
STA_OPT01	09		Yes
STA_OPT02	09		No

Variable	Skill number	Variable label	Reverse scoring
STA_OPT03	09		No
STA_OPT04	09		No
STA_OPT05	09		No
STA_OPT06	09		No
STA_OPT07	09		No
STA_OPT08	09		Yes
STA_PER01	13		No
STA_PER02	13		No
STA_PER03	13		Yes
STA_PER04	13		No
STA_PER05	13		Yes
STA_PER06	13		Yes
STA_PER07	13		No
STA_PER08	13		No
STA_RES01	07		Yes
STA_RES02	07		No
STA_RES03	07		Yes
STA_RES04	07		Yes
STA_RES05	07		No
STA_RES06	07		No
STA_RES07	07		Yes
STA_RES08	07		Yes
STA_SEL01	17		No
STA_SEL02	17		No
STA_SEL03	17		No
STA_SEL04	17		No
STA_SEL05	17		Yes
STA_SEL06	17		No
STA_SEL07	17		No

Variable	Skill number	Variable label	Reverse scoring
STA_SEL08	17		Yes
STA_SOC01	02		No
STA_SOC02	02		No
STA_SOC03	02		No
STA_SOC04	02		Yes
STA_SOC05	02		No
STA_SOC06	02		No
STA_SOC07	02		No
STA_SOC08	02		Yes
STA_STR01	15		No
STA_STR02	15		Yes
STA_STR03	15		Yes
STA_STR04	15		Yes
STA_STR05	15		Yes
STA_STR06	15		Yes
STA_STR07	15		Yes
STA_STR08	15		Yes
STA_TOL01	10		No
STA_TOL02	10		No
STA_TOL03	10		No
STA_TOL04	10		No
STA_TOL05	10		No
STA_TOL06	10		Yes
STA_TOL07	10		No
STA_TOL08	10		No
STA_TRU01	11		No
STA_TRU02	11		No
STA_TRU03	11		No
STA_TRU04	11		No



Variable	Skill number	Variable label	Reverse scoring
STA_TRU05	11		Yes
STA_TRU06	11		No
STA_TRU07	11		No
STA_TRU08	11		No

### **Student Behavioural Indicator**

<b>Valid value</b>	<b>Missing value</b>
1 - Not at all accurate 2 - Slightly accurate 3 - Somewhat accurate 4 - Very accurate 5 - Perfectly accurate	7 - N/A 8 - Missing by design 9 - Omitted

<b>Variable</b>	<b>Variable label</b>	<b>Reverse scoring</b>
STB001	Trouble paying attention	Yes
STB004	Never fight	No
STB007	Follow rules	No
STB011	Never take things	No
STB012	Trouble sleeping	Yes
STB014	Participate in class activities	No
STB017	Return extra change (Older cohort only)	No
STB018	Skip school classes (Older cohort only)	Yes
STB019	Smoke (Older cohort only)	Yes
STB020	Drink alcohol (Older cohort only)	Yes

## **Student Cognitive Items**

<b>Variable</b>	<b>Variable label</b>	<b>Valid value</b>	<b>Missing value</b>
COGM00101	Month of the year	1, 2, 3, 4, 5, 6, 7	97 - N/A 98 - Missing-by-design 99 - Omitted
COGM00201	Count of legs in total		
COGM00301	Compare heights		
COGM00401	Number of fish		
COGM00501	Day in the week		
COGM00601	Number series 1 (Older cohort only)		
COGM00701	Number series 2 (Older cohort only)		
COGM00101S	Month of the year - score	0, 1	7 - N/A 8 - Missing-by-design 9 - Omitted
COGM00201S	Count of legs in total - score		
COGM00301S	Compare heights - score		
COGM00401S	Number of fish - score		
COGM00501S	Day in the week - score		
COGM00601S	Number series 1 - score (Older cohort only)		
COGM00701S	Number series 2 - score (Older cohort only)		

## Student Questionnaire

MS Variable	Variable label	Valid value	Missing value
STQM00101	Grade	97 - N/A 98 - Missing-by-design 99 - Omitted	97, 98, 99
STQM00201	How long have you been at this school	97 - N/A 98 - Missing-by-design 99 - Omitted	97, 98, 99
STQM00301	Birth - Month	97 - N/A 98 - Missing-by-design 99 - Omitted	97, 98, 99
STQM00302	Birth - Year	9997 - N/A 9998 - Missing-by-design 9999 - Omitted	9997, 9998, 9999
STQM00501	Height (centimetres)	9997 - N/A 9998 - Missing-by-design 9999 - Omitted	9997, 9998, 9999
STQM00601	Weight (kilograms)	9997 - N/A 9998 - Missing-by-design 9999 - Omitted	9997, 9998, 9999
STQM00701	Highest level of education (mother or female guardian)	1 - [ISCED level 3 or lower] 2 - [ISCED level 4 or 5] 3 - [ISCED level 6 or higher] 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM00702	Highest level of education (father or male guardian)		
STQM00801	In your home: A desk to study at	1 - No 2 - Yes 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM00802	In your home: A room of your own		
STQM00803	In your home: A quiet place to study		
STQM00804	In your home: A computer you can use for school work		
STQM00805	In your home: Educational software		
STQM00806	In your home: A link to the internet		

MS Variable	Variable label	Valid value	Missing value
STQM00807	In your home: Classic literature		
STQM00808	In your home: Books of poetry		
STQM00809	In your home: Works of art		
STQM00810	In your home: Books to help with your school work		
STQM00811	In your home: Technical reference books		
STQM00812	In your home: A dictionary		
STQM00813	In your home: Books on art, music or design		
STQM00814	In your home: [Country –specific wealth item 1]		
STQM00815	In your home: [Country –specific wealth item 2]		
STQM00816	In your home: [Country –specific wealth item 3]		
STQM00901	How many in your home: Televisions	1 - None 2 - One 3 - Two 4 - Three or more 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM00902	How many in your home: Cars		
STQM00903	How many in your home: Rooms with a bath or shower		
STQM00904	How many in your home: [cell phones] with internet access		
STQM00905	How many in your home: Computers		
STQM00906	How many in your home: [tablet computers]		
STQM00907	How many in your home: E-book readers		
STQM00908	How many in your home: Musical instruments		
STQM01001	Books in home	1 - 0-10 2 - 11-25 3 - 26-100 4 - 101-200 5 - 200-500 6 - more than 500 books 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM01501	Country of Birth - Student	1 - <Country of test>	7, 9
STQM01502	Country of Birth - Mother (or female guardian)	2 - Other	
STQM01503	Country of Birth - Father (or male guardian)	7 - N/A 9 - Omitted	
STQM01601	Language at home	1 - <Assessment Language>	7, 9

MS Variable	Variable label	Valid value	Missing value
		2 - Other 7 - N/A 9 - Omitted	
STQM01701	Age started ISCED 0	1 - Before age 1 2 - Age 1 3 - Age 2 4 - Age 3 5 - Age 4 6 - Age 5 7 - Age 6 8 - Age 7 9 - Did not attend [ISCED 0] 97 - N/A 98 - Missing-by-design 99 - Omitted	97, 98, 99
STQM01801	Age started ISCED 1	1 - Age 3 2 - Age 4 3 - Age 5 4 - Age 6 5 - Age 7 6 - Age 8 7 - Age 9 97 - N/A 98 - Missing-by-design 99 - Omitted	97, 98, 99
STQM01901	Overall satisfaction of your life	0 - Not at all satisfied 10 - completely satisfied 97 - N/A 98 - Missing-by-design 99 - Omitted	97, 98, 99
STQM02001	Last two weeks - felt cheerful and in good spirits	1 - At no time	7, 8, 9
STQM02002	Last two weeks - felt calm and relaxed	2 - Some of the time	

MS Variable	Variable label	Valid value	Missing value
STQM02003	Last two weeks - felt active and vigorous	3 - More than half of the time 4 - Most of the time 5 - All of the time 7 - N/A 8 - Missing-by-design 9 - Omitted	
STQM02004	Last two weeks - woken up feeling fresh and rested		
STQM02005	Last two weeks - daily life filled with things that interest me		
STQM02101	In general how would you describe your health?	1 - Excellent 2 - Very Good 3 - Good 4 - Fair 5 - Poor 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM02201	Feel safe - in school	1 - Not safe 2 - Reasonably safe 3 - Very safe 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM02202	Feel safe - in your neighbourhood		
STQM02203	Feel safe - at home		
STQM02204	Feel safe - with peers		
STQM02301	Expect to complete	1 - [ISCED level 3 or lower] 2 - [ISCED level 4 or 5] 3 - [ISCED level 6 or higher] 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM02501	Informed about: Climate change and global warming	1 - I have never heard of this 2 - I know little about this 3 - I know something about it 4 - I know a lot about this 7 - N/A	7, 8, 9
STQM02502	Informed about: Global health		
STQM02504	Informed about: International conflicts		
STQM02506	Informed about: Causes of poverty		
STQM02507	Informed about: World gender equality		

MS Variable	Variable label	Valid value	Missing value
		8 - Missing-by-design 9 - Omitted	
STQM02701	How close to - Your mother	1 - Not at all	7, 8, 9
STQM02702	How close to - Your father	2	
STQM02703	How close to - Your brothers and sisters	3	
STQM02704	How close to - Your relatives	4	
STQM02705	How close to - Your friends	5 - Very close	
STQM02706	How close to - Your classmates	7 - N/A	
STQM02707	How close to - Your favourite teacher	8 - Missing-by-design	
STQM02708	How close to - Your neighbours	9 - Omitted	
STQM02801A	Mother - understands me	1 - Almost never or never true	7, 8, 9
STQM02802A	Mother - listens to me	2 - Sometimes true	
STQM02803A	Mother - very strict with me	3 - Often true	
STQM02804A	Mother - gives hard punishment	4 - Almost always or always true	
STQM02801B	Mother - gives hard punishment	7 - N/A	
STQM02802B	Mother - very strict with me	8 - Missing-by-design	
STQM02803B	Mother - listens to me	9 - Omitted	
STQM02804B	Mother - understands me	Note: Only one of the two versions (A/B) was assigned to each student.	
STQM02901A	Father - understands me	1 - Almost never or never true	7, 8, 9
STQM02902A	Father - listens to me	2 - Sometimes true	
STQM02903A	Father - very strict with me	3 - Often true	
STQM02904A	Father - gives hard punishment	4 - Almost always or always true	
STQM02901B	Father - gives hard punishment	7 - N/A	
STQM02902B	Father - very strict with me	8 - Missing-by-design	
STQM02903B	Father - listens to me	9 - Omitted	
STQM02904B	Father - understands me	Note: Only one of the two versions (A/B) was assigned to each student.	
STQM03001	Get upset easily with my parents	1 - Almost never or never true	7, 8, 9
STQM03002	Hard to talk with my parents	2 - Sometimes true	
		3 - Often true	



MS Variable	Variable label	Valid value	Missing value
STQM03003	Feel angry with my parents	4 - Almost always or always true 7 - N/A 8 - Missing-by-design 9 - Omitted	
STQM03101	Friends - understand me	1 - Almost never or never true	7, 8, 9
STQM03102	Friends - accept me as I am	2 - Sometimes true	
STQM03103	Friends - easy to talk to	3 - Often true	
STQM03104	Friends - respect my feelings	4 - Almost always or always true 7 - N/A 8 - Missing-by-design 9 - Omitted	
STQM03201	Friends - well behaved in school	1 - Very few 2 - Some of them 3 - About half 4 - Most of them 5 - Almost all 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM03202	Friends - misbehave or break rules		
STQM03203	Friends - experiment with smoking or drugs (Older cohort only)		
STQM03301	Classmates - friendly to you		
STQM03302	Classmates - unfriendly to you	1 - Very few 2 - Some of them 3 - About half 4 - Most of them 5 - Almost all 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM03401	Parents - expect me to be perfect	1 - Strongly disagree	7, 8, 9
STQM03402	Parents - expect me to do better than others	2 - Disagree	

MS Variable	Variable label	Valid value	Missing value
STQM03403	Teachers - expect my work to be perfect	3 - Neither agree nor disagree 4 - Agree 5 - Strongly agree 7 - N/A 8 - Missing-by-design 9 - Omitted	
STQM03404	Teachers - ask too much of me		
STQM03405	Friends - expect more from me than I can give		
STQM03406	Friends - ask too much of me		
STQM03501	Friends - from a different country	1 - None or very few 2 - Some 3 - Many 4 - All or almost all 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM03502	Friends - of other religions or beliefs		
STQM03503	Friends - from other ethnic backgrounds		
STQM03601	Time - Doing homework	1 - No time 2 - 1-60 minutes per day 3 - Between 1 and 4 hours per day 4 - More than 4 hours per day 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM03602	Time - Watch TV programmes		
STQM03603	Time - Read a book/ newspaper/ magazine		
STQM03604	Time - Talk to your parents		
STQM03605	Time - Work in the household or take care family members		
STQM03606	Time - Playing online games		
STQM03607	Time - Chatting online		
STQM03608	Time - Participate in social networks		
STQM03609	Time - Browse internet for fun		
STQM03610	Time - Browse internet for information		
STQM03611	Time - Exercise or practice sport outside school		
STQM03612	Time - Meet with or talk to friends outside school		
STQM03701	At school - feel like an outsider	1 - Strongly disagree 2 - Disagree 3 - Agree 4 - Strongly agree 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM03702	At school - make friends easily		
STQM03703	At school - belong		
STQM03704	At school - feel awkward, out of place		
STQM03705	At school - students like me		
STQM03706	At school - feel lonely		

MS Variable	Variable label	Valid value	Missing value
STQM03801	School climate: Students value cooperation	1 - Almost never or never true 2 - Sometimes true 3 - Often true 4 - Almost always or always true 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM03802	School climate: Students cooperating with each other		
STQM03803	School climate: Students value competition		
STQM03804	School climate: Students competing with each other		
STQM03901	Bullying: Students made fun of me	1 - Never or almost never 2 - A few times a year 3 - A few times a month 4 - Once a week or more 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM03902	Bullying: Students I was threatened		
STQM03903	Bullying: Students took away or destroyed my things		
STQM03904	Bullying: Students I got hit or pushed around		
STQM04001	On social media: Threatened by people (Older cohort only)	1 - Never or almost never 2 - A few times a year 3 - A few times a month 4 - Once a week or more 5 - I don't use social media 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM04002	On social media: People have spread nasty rumours about me (Older cohort only)		
STQM04101	Teachers - treated me fairly	1 - Never or almost never 2 - A few times a year 3 - A few times a month 4 - Once a week or more 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM04102	Teachers - got along well		
STQM04103	Teachers - interested in my well-being		
STQM04201	School anxiety: Worry it will be difficult taking a test	1 - Strongly disagree 2 - Disagree 3 - Neither agree nor disagree 4 - Agree	7, 8, 9
STQM04202	School anxiety: Well prepared for test but very anxious		
STQM04203	School anxiety: Very tense when studying for test		

MS Variable	Variable label	Valid value	Missing value
		5 - Strongly agree 7 - N/A 8 - Missing-by-design 9 - Omitted	
STQM04301	Participate outside school: Sports	1 - No 2 - Yes 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM04302	Participate outside school: Arts		
STQM04303	Participate outside school: Social activities		
STQM04304	Participate outside school: Community service		
STQM04305	Participate outside school: Environmental protection activities		
STQM04401	Social skills - cannot change very much	1 - Strongly disagree 2 - Disagree 3 - Neither agree nor disagree 4 - Agree 5 - Strongly agree 7 - N/A 8 - Missing-by-design 9 - Omitted	7, 8, 9
STQM04402	Emotional skills - cannot change very much		
STQM04403	Intelligence - cannot change very much		

### **Student Weight and Scores**

MS Variable	Variable Label	Valid value	Missing value
WT2019	Final student weight		9999
rwgt1 to rwgt76	Replicate weight 1 to Replicate weight 76		9999
ASS_WLE_ADJ	Assertiveness Adjusted WLE		9999
COO_WLE_ADJ	Cooperation Adjusted WLE		9999
CRE_WLE_ADJ	Creativity Adjusted WLE		9999
CUR_WLE_ADJ	Curiosity Adjusted WLE		9999
EFF_WLE_ADJ	Efficacy Adjusted WLE		9999
EMO_WLE_ADJ	Emotional Control Adjusted WLE		9999
EMP_WLE_ADJ	Empathy Adjusted WLE		9999
ENE_WLE_ADJ	Energy Adjusted WLE		9999

MOT_WLE_ADJ	Motivation Adjusted WLE		9999
OPT_WLE_ADJ	Optimism Adjusted WLE		9999
PER_WLE_ADJ	Persistence Adjusted WLE		9999
RES_WLE_ADJ	Responsibility Adjusted WLE		9999
SEL_WLE_ADJ	Self-control Adjusted WLE		9999
SOC_WLE_ADJ	Sociability Adjusted WLE		9999
STR_WLE_ADJ	Stress Resistance Adjusted WLE		9999
TOL_WLE_ADJ	Tolerance Adjusted WLE		9999
TRU_WLE_ADJ	Trust Adjusted WLE		9999
ARS	Acquiescence Response Style		9999
ARS_PAIRS	Number of Valid Acquiescence Pairs		99
IMMBACK	Immigration background	0 - Native 1 – Immigrant background	9
ST_RELTEACH	Perceived relationship with teachers		99
ST_BULLY	Bullying at school		99
ST_BELONG	Sense of belonging at school		99
ST_FRIENDS	Perceived relations with friends		99
ST_RELPAR	Perceived relations with parents		99
ST_GLOBALMIND	Global mindedness		99
ST_WELLBEING	WHO-5 Wellbeing Index		99
ST_ANXTEST	School anxiety		99
SES	Socio-economic status		99