

Toronto Social Capital Study 2018

Social Capital Index Documentation

This documentation outlines the structure and calculations used to create the social capital indices presented in the study report and other documents.

PRIMARY SOCIAL CAPITAL DIMENSIONS

SPSS Variable Code*

A. Social trust (Cognition capital)

SOCIALTRUST_INDEX

1. General trust

GenTrust_S_Index

2. Group trust

GroupTrust_S_Index

3. Institutional confidence

InstTrust_S_Index

4. Sense of Belonging

SenseBelong_S_Index

B. Social Networks (Relational capital)

SOCIALNET_INDEX

1. Family connection

FamConnection_S_Index

2. Close friend connection

CloseFriend_S_Index

3. Other friend connection

OtherFriend_S_Index

4. Type and frequency of friend/family connection

TypeAndFrequency_S_Index

5. Satisfaction with frequency of connection

SatWithFreq_S_Index

C. Civic connections (Civic capital)

CIVICCON_INDEX

1. Organization involvement

OrgInvolve_S_Index

2. Giving back

PolEngage_S_Index

3. Political engagement

GiveBack_S_Index

SECONDARY SOCIAL CAPITAL DIMENSIONS

1. Friends bridging

FriendsBridging_S_Index

2. Volunteer contact bridging

VolunteerBridging_S_Index

3. Neighbourhood support

Neighbhdsupp_Index

*SPSS codes identify the index variables in the study data file. The data file is available through a licence agreement with the Environics Institute. For more information contact Keith Neuman at keith.neuman@environics.ca

A. Social trust (Cognition capital)

1. General trust

Questions: Q10, 11a-c

Response re-coding:

Q.10 – general trust (range 0 – 10)

- Most people can be trusted 10.0
- Can't be too careful 0.0
- Depends/Cannot say 1.0

Q, 11a-c – Lost wallet return (range 0 – 10)

- Very likely to return 3.33
- Somewhat likely to return 1.0
- Not at all likely to return 0.0
- Cannot say 0.5

Formula: (range 0 – 10)

$(Q.2 + Q.10 + Q.11a + Q.11b + Q.11c) / 2 = \text{General trust index score}$

2. Group trust

Questions: Q.12a-h, 7c

Response re-coding:

Q.12a,b,c,d,e,h – People in group can be trusted (range 0 – 30)

- Cannot be trusted at all 0.0
- 02 0.5
- 03 1.0
- 04 3.0
- Can be trusted a lot 5.0
- Cannot say 1.0

Q,7c – People in neighbourhood

- Strongly agree 5.0
- Agree 3.0
- Neither agree/disagree 1.0
- Disagree 0.5
- Strongly disagree 0.0
- Cannot say 0.5

Formula: (range 0 – 10)

$(Q.12a + Q.12b + Q.12c + Q.12d + Q.12e + Q.12h + Q.7c) / 3.5 = \text{group trust score}$

3. Institutional Confidence

Questions: Q.13a - i

Response re-coding:

Q.13a – I – People in group can be trusted) (range 0 – 40)

- No confidence at all 0.0
- 02 0.5
- 03 1.0
- 04 3.0
- A great deal of confidence 5.0
- Cannot say 1.0

Formula: (range 0 – 10)

$(Q.13a + Q.13b + Q.13c + Q.13d + Q.13e + Q.13f + Q.13g + Q.13i) / 4 =$ institutional confidence score

4. Sense Of Belonging

Q. 2 – Sense of belonging

- Very strong 5
- Somewhat strong 3
- Somewhat weak 1
- Very weak 0
- Cannot say 1

(2*Q2)

SUMMARY INDEX - General Trust Dimension

Formula: (range 0 – 10)

$(\text{General trust score} + \text{Group trust score} + \text{Institutional confidence score} + \text{Sense of Belonging Score}) / 4 =$ Trust dimension score

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B. Social Networks (Relational capital)

1. Family connection

Questions: Q.14, 15)

Response re-coding:

Q.14 – Number of relatives you feel close to (range 0 – 6)

- None 0.0
- Between 1 and 5 4.0
- Between 6 and 10 5.0
- Between 11 and 20 5.5
- More than 20 6.0
- Cannot say 1.0

Q.15 – How many of these relatives live in the same city/local community? (range 0 – 4)

- 0 0.0
- 1 0.5
- 2 1.5
- 3 2.0
- 4 2.5
- 5 3.0
- 6 3.2
- 7 3.4
- 8 3.6
- 9 3.8
- 10+ 4.0

Formula: (range 0 – 10)

(Q.14 + Q.15) = Family connection score

2. Close friend connection

Questions: Q.16, 17, 18)

Response re-coding:

Q.16 – Number of close friends you feel close to (range 0 – 6)

- None 0.0
- Between 1 and 5 4.0
- Between 6 and 10 5.0
- Between 11 and 20 5.5
- More than 20 6.0
- Cannot say 1.0

Q.17 – How many of these close friends live in the same city/local community? (range 0 – 2)

- 0 0.0
- 1 0.25
- 2 0.75
- 3 1.0
- 4 1.25
- 5 1.5
- 7 1.7
- 8 1.8
- 9 1.9
- 10+ 2.0

Q.18 – How many of these close friends live in the same neighbourhood? (range 0 – 2)

- 0 0.0
- 1 0.25
- 2 0.75
- 3 1.0
- 4 1.25
- 5 1.5
- 7 1.7
- 8 1.8
- 9 1.9
- 10+ 2.0

Formula: (range 0 – 10)

(Q.16 + Q.17 + Q.18) = Close friend connection score

3. Other friend connection

Questions: Q.19

Response re-coding:

Q.19 – Number of other friends you have? (range 0 – 10)

- None 0.0
- Between 1 and 5 4.0
- Between 6 and 10 5.0
- Between 11 and 20 7.0
- More than 20 10.0
- Cannot say 1.0

Formula: (range 0 – 10)

(Q.19) = Other friend connection score

4. Type and frequency of connection

Questions: Q.22a-c

Response re-coding:

Q.22a-c – Frequency of contact with close friends and relatives (range 0 – 10)

- Every day 10.0
- Few times a week 8.0
- Once a week 6.0
- 2 to 3 times per month 3.0
- Once a month 2.0
- Not in the past month 1.0
- Cannot say 0.5

Formula: (range 0 – 10)

(Q.22a x .5) + (Q.22b x 3) + (Q.22c x .2) = Type/frequency of friend/relative connection score

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5. Satisfaction with frequency of connection

Questions: Q.23

Response re-coding:

Q.23 – Satisfaction with frequency of contact with friend/relatives (range 0 – 10)

- Very satisfied 10.0
- Satisfied 7.0
- Neither satisfied/dissatisfied 4.0
- Dissatisfied 2.0
- Very dissatisfied 0.0
- Cannot say 1.0

Formula: (range 0 – 10)

(Q.23) = Satisfaction with frequency of connection score

SUMMARY INDEX – Social Networks Dimension

Formula (range 0 – 10):

(Family connection score + Close friend connection score + other friend connection score + Type/frequency of connection score + Satisfaction with frequency of connection score) / 5 = Social Networks dimension score

C. Civic connection (Civic capital)

1. Organization involvement

Questions: Q.25a-j

Response re-coding:

Q.25a-j – Member/participant in organization (range 0 – 10)

Count number of each respondents' yes responses to all of 25 (Maximum of 10 yes minimum 0)

Then recode yes responses into

of Yes Responses

• 0	0
• 1	4
• 2	7
• 3	7.5
• 4	8
• 5	8.33
• 6	8.66
• 7	9
• 8	9.33
• 9	9.66
• 10	10

Formula: (range 0 – 10)

2. Giving back

Questions: Q.29, Q.30, Q.31

Response re-coding:

Q.29 – Unpaid volunteer work in past year (range 0 – 5)

• Yes	5.0
• No	0.0
• Cannot say	1.0

Q.30 – Average volunteer hours per month (range 0 – 3)

• < 1 hour/month	1.0
• 1 – 4 hours/month	1.5
• 5 – 14 hours/month	2.0
• 15 plus hours/month	3.0
• Only once or twice	0.5
• Cannot say	0.5
• System missing (No in Q.29)	0.0

Q.31 – Donated money/goods in past year (range 0 – 5)

• Yes	5.0
• No	0.0
• Cannot say	1.0

Formula: (range 0 – 10)

$(Q.29 + Q.30 + Q.31) / 1.3 = \text{Giving back score}$

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3. Political engagement

Questions: Q.33, 34a-h (7 items)

Response re-coding:

Q.33 – Interest in politics (range 0 – 10)

- Very interested 10.0
- Somewhat interested 6.0
- Not very interested 2.0
- Not at all interested 0.0
- Cannot say 1.0

Q.34a,b,c,d,f,g,h – Participated in specific activities (range 0-10)

Count number of each respondents' yes responses to all of 34 (Maximum of 7 minimum 0).

Then recode yes responses into

of Yes Responses

- 0 0
- 1 5
- 2 7
- 3 8
- 4 8.5
- 5 9
- 6 9.5
- 7 10

Formula: (range 0 – 10)

$(Q.33 + Q.34) / 2 =$ political engagement score

SUMMARY INDEX – Civic connections Dimension

Formula: (range 0 – 10)

$(\text{Organization involvement score} + \text{Giving back score} + \text{Political engagement score}) / 3 =$ Civic connections score

SECONDARY SOCIAL CAPITAL DIMENSIONS

1. Friends bridging

Questions: Q.21a-e

Response re-coding:

Q.21a,c,d,e – how many of your friends in the past month are similar to you in terms of:

- All 0.0
- Most 1.0
- About half 2.5
- A few 4.0
- None 5.0
- Cannot say 4.0

Q.21b – How many of your friends belong to a different ethnic group?

- All 5.0
- Most 4.0
- About half 2.5
- A few 1.0
- None 0.0
- Cannot say 1.0

Formula: (range 0 – 10)

$(Q.21a + Q.21b + Q.21c + Q.21d + Q.21e) / 2.5 = \text{Friends bridging score}$

2. Volunteer contact bridging

Questions: Q.28a-d

Response re-coding:

Q.28a, c, d – how many of your volunteer group contacts are similar to you in terms of:

- All 0.0
- Most 1.0
- About half 2.5
- A few 4.0
- None 5.0
- Cannot say 4.0

Q.28b – How many of your volunteer group contacts belong to a different ethnic group?

- All 5.0
- Most 4.0
- About half 2.5
- A few 1.0
- None 0.0
- Cannot say 1.0

Formula: (range 0 – 10)

$(Q.28a + Q.28b + Q.28c + Q.28d) / 2 = \text{Volunteer contact bridging score}$

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3. Neighbourhood Support

Questions: Q.7a, b, e, f, g, Q.4

Response re-coding: (reverse for Q.7e)

Q.7a,b,e,f,g– People in neighbourhood (range 0 – 10)

- Strongly agree 5.0
- Agree 3.0
- Neither agree/disagree 1.0
- Disagree 0.5
- Strongly disagree 0.0
- Cannot say 0.5

Q.4 – People working together can make a difference

- A big difference 5.0
- Some difference 2.5
- Little or no difference 0.0
- Cannot say 0.5

Formula: (range 0 – 10)

$(Q.7a + Q.7b + Q.7e + Q.7f + Q.7g) + Q.4 / 3 = \text{Community support score}$