

# 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](mailto: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)

$(Q.2 + Q.10 + Q.11a + Q.11b + Q.11c) / 2 =$  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)

$(Q.12a + Q.12b + Q.12c + Q.12d + Q.12e + Q.12h + Q.7c) / 3.5 =$  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)

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