Toronto Social Capital Study 2022
Social Capital Index Documentation

This documentation outlines the structure and calculations used to create the social capital indices presented in the 2022 study report and other documents.

As the selection and wording of survey questions differ in some cases between the 2018 and 2022 surveys, the indexes originally reported in 2018 are not always directly comparable to those reported in 2022. For this reason, revised index scores were computed from the 2018 data using the same questions and formulas as in 2022, based on this documentation. As a result, the 2018 index scores noted in this 2022 report may differ from those published in 2018.

PRIMARY SOCIAL CAPITAL DIMENSIONS   SPSS Variable Code*

A.   Social trust   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   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   CIVICCON_INDEX

1. Organization involvement   OrganizationInvolvement_
                                                        S_Index

2. Giving back   GiveBack _Index

3. Political engagement   PolEngage_S _S_Index

SECONDARY SOCIAL CAPITAL DIMENSIONS

D.	**Discrimination index**	**Q68DISCRIMINATION**
E.	**Wellbeing index**	**Q35WELLBEING**

*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 the Institute at info@environicsinstitute.org

A. Social trust

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.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 - h

Response re-coding:

2022 instructions – applies uniformly to all items:

Q.13a to h – People in group can be trusted *(range 0 – 40)*
- No confidence at al   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)*

(General trust score + Group trust score + Institutional confidence score + Sense of Belonging Score) / 4
= Trust dimension score

B. Social Networks

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

<u>Questions</u>: Q.16, 17, 18)

<u>Response re-coding</u>:

<u>Q.16 – Number of close friends you feel close to</u> *(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

<u>Q.17 – How many of these close friends live **in the same city/local community**</u>? *(range 0 – 2)*
- 0   0.0
- 1   0.25
- 2   0.75
- 3   1.0
- 4   1.25
- 5   1.5
- 6   1.6
- 7   1.7
- 8   1.8
- 9   1.9
- 10+   2.0

<u>Q.18 – How many of these close friends live **in the same neighbourhood**</u>? *(range 0 – 2)*
- 0   0.0
- 1   0.25
- 2   0.75
- 3   1.0
- 4   1.25
- 5   1.5
- 6   1.6
- 7   1.7
- 8   1.8
- 9   1.9
- 10+   2.0

<u>Formula</u>: *(range 0 – 10)*
(Q.16 + Q.17 + Q.18) = Close friend connection score

3. Other friend connection

<u>Questions</u>: Q.19

<u>Response re-coding</u>:

<u>Q.19 – Number of **other friends** you have?</u> *(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

<u>Formula:</u> *(range 0 – 10)*
(Q.19) = Other friend connection score

4. Type and frequency of connection

<u>Questions</u>: Q.22a-c

<u>Response re-coding</u>:

<u>Q.22a-c – Frequency of contact with close friends and relatives</u> *(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

Note: the wording of item 22c differs slightly between 2018 and 2022, but this does not affect the computation of the index.

<u>Formula:</u> *(range 0 – 10)*
(Q.22a x .5) + (Q.22b x .3) + (Q.22c x .2) = Type/frequency of friend/relative connection score

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/diss. 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

1. Organization involvement

<u>Questions</u>: Q.25a-j

<u>Response re-coding</u>:

<u>Q.25a-j – Member/participant in organization</u> *(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
<u># of Yes Responses</u>
- 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

<u>Formula:</u> *(range 0 – 10)*

2. Giving back

<u>Questions</u>: Q.29, Q.30, Q.31

<u>Response re-coding</u>:

<u>Q.29 – Unpaid volunteer work in past year</u> (*range 0 – 5*)
- Yes   5.0
- No   0.0
- Cannot say   1.0

<u>Q.30 – Average volunteer hours per month</u> (*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 miss. (No in Q.29) 0.0

<u>Q.31 – Donated money/goods in past year</u> (*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 = Giving back score

3. Political engagement

Questions: Q.33, (1 item) Response

re-coding:

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

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

Formula: *(range 0 – 10)*
Q.33) = political engagement score

SUMMARY INDEX – Civic connections Dimension

Formula: *(range 0 – 10)*
(Organization involvement score + Giving back score + Political engagement score) /3 = Civic connections score

SECONDARY SOCIAL CAPITAL DIMENSIONS

D. Discrimination index

Questions: Q.68a to j, (10 items)

Response re-coding:

01   Almost everyday -- 10
02   At least once a week – 8
03   A few times a month -- 6
04   A few times a year -- 4
05   Less than once a year -- 2
06   Never -- 0
09   Cannot say -- 1

Formula: *(range 0 – 10)*
Sum of each of the ten items (0 to 100) / 10 = index score (0 to 10)

E.   Wellbeing index

Questions: Q.35a_a to _g, (7 items)

Response re-coding:

Satisfaction *(range 0 – 10)*
- Very satisfied   10.0
- Very dissatisfied   0.0
- Depends/Cannot say   1.0

Formula: *(range 0 – 10)*
Sum of each of the seven items (0 to 70) / 7 = index score (0 to 10)