



Technical report

Citizen Panel 53 – 2024

Please use the following citation when using data from Citizen Panel 53:

Bergström, A., Cassel, S., Cassel, F., Ekström, T., Garcia-Nilsson, A., Wessman, F. (2024). *Technical report Citizen Panel 53 – 2024*, Gothenburg: University of Gothenburg, The SOM Institute.

Contents

Glossary	3
Introduction	4
The Swedish Citizen Panel (SCP)	4
Citizen Panel 53 (MP53).....	4
Completion and participation estimations.....	5
Fieldwork.....	6
Featured studies	7
Study 1: Trust in Sahlgrenska University Hospital.....	8
Study 2: Constitutional monarchy and democracy	9
Study 3: SCP: Additional general questions.....	10
Summary, Citizen Panel 53	11

This report was created by:
Felix Cassel
Deputy Chief Analyst
The SOM Institute
University of Gothenburg

Glossary

<i>Break-offs</i>	Type of nonresponse. Defined as responses with more than 50 percent item nonresponse.
<i>Completion rate (COMR)</i>	The quotient of complete responses (answered more than 80% of the applicable questions) and all invited to the survey in a probability-based panel sample (COMR=complete responses/all invited to the survey).
<i>Date of reminders</i>	Reminders are sent by email to those in the sample who have not yet completed the survey.
<i>E-mail bounces</i>	Due to automatic spam filters and similar services, or incorrect e-mail addresses, certain e-mails may result in a bounce, i.e. a non-contact. Includes both “hard” and “soft” bounces.
<i>Field period</i>	The field period is the time from the first to the last field day.
<i>Item response rate</i>	Calculated by dividing the number of item responses with the number of received/applicable items.
<i>Net completion rate (NCOMR)</i>	The quotient of complete responses (answered more than 80% of the applicable questions) and all invited to the survey excluding email bounces in a probability-based panel sample (NCOMR=complete responses/all invited to the survey excluding email bounces).
<i>Net participation rate (NPR)</i>	The quotient of complete responses (answered more than 80% of the applicable questions) and all invited to the survey excluding email bounces in a non-probability based panel sample or mix probability and non-probability panel sample (NPR=complete responses/all invited to the survey excluding email bounces).
<i>Number of received/applicable items</i>	The number of questions the participant received in the survey or would have received if the participant finished the survey.
<i>Outliers (sleepers)</i>	A respondent is defined as a sleeper if the mean time-use per question/item is more than the third quartile plus 1.5 times the interquartile range ($Q_3 + 1.5 \times IQR$).
<i>Outliers (speeders)</i>	A respondent is defined as a speeder if the mean time-use per question/item is less than the first quartile minus half the interquartile range ($Q_1 - 0.5 \times IQR$).
<i>Partial response</i>	Defined as responses with more than 20 and less than 50 percent item nonresponse.
<i>Participation rate (PR)</i>	The quotient of complete responses (answered more than 80% of the applicable questions) and all invited to the survey in a non-probability based panel sample or mix probability and non-probability panel sample (PR=complete responses/all invited to the survey).
<i>Responses</i>	The number of surveys completed that are registered on the last field day.
<i>Study</i>	A study is a featured specific study, e.g. an experiment, or a set of panel questions with a specific purpose, or some other kind of specific and delimited study.

Introduction

The Swedish Citizen Panel (SCP)

The Swedish Citizen Panel (SCP) (Swedish: Medborgarpanelen – MP) is a non-commercial online access panel run by the SOM Institute at the University of Gothenburg. Today, the SOM Institute is a research infrastructure for collecting data from online questionnaires, mainly for survey experiments and panel studies. An essential part of the SOM Institute is also to contribute to methodological development and testing in the area of web surveys.

The Swedish Citizen Panel consists of approximately 75 000 pre-recruited panelists who have agreed to participate in research surveys in earlier recruitment efforts. Around 20 percent of the panel is recruited using a probability-based recruitment method, while remaining 80 percent of the panel is self-recruited. The Swedish Citizen Panel does not offer the participants any economic compensation for their participation.

The data collections tend to follow omnibus survey style where respondents answer questions on several topics and may participate in several different survey experiments. The topics and survey experiments are administered in collaboration with researchers and these collaborations are referred to as “studies” in this report. In addition to the studies, the respondents answer general questions not specific to any of the specific studies.

Citizen Panel 53 (MP53)

The Citizen Panel 53 was administered between Monday February 26, 2024 and Monday March 25, 2024.

- A total of 72 582 panelists were invited to complete the questionnaire, out of which 70 545 were reached by the invitation. Furthermore, 52 960 of the panelists clicked on the link to the questionnaire, and 51 137 answered more than 80% of the applicable questions (Participation Rate: 70% and Net Participation Rate (excluding those who could not be reached): 72%).
- Respondents in the panel were recruited by both probability and non-probability based methods. What type of sample used in each respective study is defined in this report.
- All in all, there were 3 studies included in the Citizen Panel 53.

Completion and participation estimations

The technical report reports four types of participation rates, following AAPOR (2016, p. 49) standard definitions for Probability-based Internet Panels and Non-probability based Internet Panels.

If the sample of respondents was drawn solely from the probability-based internet panel of SCP, Completion Rate (COMR) (Eq.1.) and Net Completion Rate (NCOMR) (Eq.2.) is reported.

If the sample of respondents was drawn from both the probability-based internet panel and the non-probability based internet panel, or if the sample was drawn solely from the non-probability based internet panel, Participation Rate (PR) (Eq.3) and Net Participation Rate (NPR) (Eq.4) is reported.

SCP recommend that COMR and PR be reported in publications referring to a specific study.

Completion rate (probability-based internet panel)

$$\text{Eq.1. Completion rate (COMR)} = \frac{I}{(I+P)+(R+NC+O)}$$

$$\text{Eq.2. Net completion rate (NCOMR)} = \frac{I}{(I+P)+(R+O)}$$

Participation rate (non-probability based internet panel or mix probability and non-probability panel)

$$\text{Eq.3. Participation rate (PR)} = \frac{I}{(I+P)+(R+NC+O)}$$

$$\text{Eq.4. Net participation rate (NPR)} = \frac{I}{(I+P)+(R+O)}$$

I (Interview) refer to a completed study where the respondent answered 80% or more of the questions they would have gotten.

P (Partial) refer to a partial study where the respondent answered 50% or more but fewer than 80% of the questions they would have gotten.

R (Refusal) refer to a refused questionnaire where the respondent was contacted but did not click on the link to the questionnaire. *R* also refer to break-offs where the respondent started the study but answered fewer than 50% of the question they would have gotten.

NC (Non-contact) refer to a questionnaire invitation that during the entire field period never reached the respondent's email (i.e., the email invitation bounced in the first invitation and in all of the reminder emails).

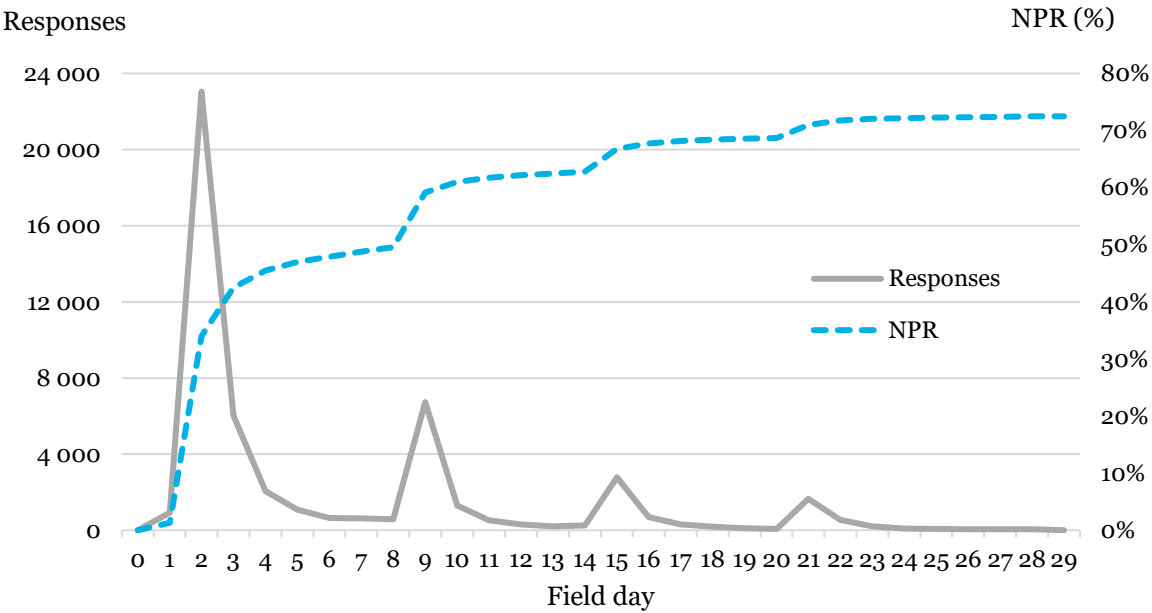
O (Other) refer to other categories of nonresponse. Examples of such categories are that the respondent terminated their participation in the SCP in the time between being selected to be invited and having their invitation emailed to them, did not accept the terms of participation in the panel, died, was physically or mentally unable to complete the questionnaire, or had notified that they had moved abroad (i.e. emigrated from Sweden).

Fieldwork

Table 1: Field information

Name	Citizen Panel 53 (MP53)
No. of field days	29
Soft launch	Day 1: Monday February 26, 15:00, 2024
Main launch	Day 2: Tuesday February 27, 12:00, 2024
Reminder 1	Day 9: Tuesday March 5, 08:00, 2024
Reminder 2	Day 15: Monday March 11, 12:00, 2024
Reminder 3	Day 21: Sunday March 17, 12:00, 2024
Field end	Day 29: Monday March 25, 10:30, 2024

Figure 1: Number of responses / cumulative net participation rate (%) by field day



Featured studies

Table 2: Featured studies in Citizen Panel 53

<i>Study:</i>	<i>Title:</i>	<i>Principal investigator(s):</i>
Study 1	Trust in Sahlgrenska University Hospital	Sahlgrenska University Hospital
Study 2	Constitutional monarchy and democracy	Andrej Kokkonen
Study 3	SCP: Additional general questions	Swedish Citizen Panel

Study 1: Trust in Sahlgrenska University Hospital

Table 3: Study 1, Trust in Sahlgrenska University Hospital

Sample		Probability
Source		Residents in region Västra Götaland
Pre-stratification variables or other selection criteria		
Age frame		17+
Sample disposition		
Total panelists invited ($I+P+R+NC+O$)		3 000
Completed study; more than 80% answered questions (I)		1 345
Partial study; 50%-80% answered questions (P)		623
Break-offs; fewer than 50% answered questions (R)		132
Refusals (R)		853
E-mail bounce backs or failed deliveries (NC)		47
Other (O)		0
Completion rate		
Completion rate (COMR)		45%
Net completion rate (NCOMR)		46%
Devices among completes		
Computer device		35%
Mobile device		55%
Tablet device		10%

Table 4: Details on Study 1, Trust in Sahlgrenska University Hospital

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	19.26	19.00	0.44	2 100
Number of item responses	16.22	19.00	4.53	2 100
Item response rate	0.84	1.00	0.23	2 100
Minutes to answer, excluding outliers	2.63	2.33	1.40	1 940
Seconds per item, excluding outliers	8.67	7.26	6.19	1 939
Minutes to answer, including outliers	3.46	2.45	6.80	2 089
Seconds per item, including outliers	11.05	7.58	20.58	2 088
Seconds per item, speeders	1.80	1.79	0.26	8
Seconds per item, sleepers	44.31	29.25	67.74	141

Study 2: Constitutional monarchy and democracy

Table 5: Study 2, Constitutional monarchy and democracy

Sample	
Source	Probability (29%) Non-probability (71%)
Pre-stratification variables or other selection criteria	Sex*Age*Education
Age frame	18-85
Sample disposition	
Total panelists invited ($I+P+R+NC+O$)	10 000
Completed study; more than 80% answered questions (I)	6 074
Partial study; 50%-80% answered questions (P)	19
Break-offs; fewer than 50% answered questions (R)	161
Refusals (R)	3 466
E-mail bounce backs or failed deliveries (NC)	280
Other (O)	0
Participation rate	
Participation rate (PR)	61%
Net participation rate (NPR)	62%
Devices among completers	
Computer device	32%
Mobile device	59%
Tablet device	9%

Table 6: Details on Study 2: Constitutional monarchy and democracy

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	11.00	11.00	0.00	6 254
Number of item responses	10.74	11.00	1.48	6 254
Item response rate	0.98	1.00	0.13	6 254
Minutes to answer, excluding outliers	2.78	2.56	1.17	5 706
Seconds per item, excluding outliers	14.23	12.94	6.15	5 706
Minutes to answer, including outliers	3.97	2.64	33.13	6 229
Seconds per item, including outliers	20.24	13.32	165.90	6 229
Seconds per item, speeders	4.51	4.74	0.77	97
Seconds per item, sleepers	104.31	44.43	628.64	426

Study 3: SCP: Additional general questions

Table 7: Study 3, SCP: Additional general questions

Sample	
Source	Probability (25%) Non-probability (75%)
Pre-stratification variables or other selection criteria	-
Age frame	17+
Sample disposition	
Total panelists invited ($I+P+R+NC+O$)	72 582
Completed study; more than 80% answered questions (I)	51 141
Partial study; 50%-80% answered questions (P)	395
Break-offs; fewer than 50% answered questions (R)	875
Refusals (R)	18 134
E-mail bounce backs or failed deliveries (NC)	2 037
Other (O)	0
Participation rate	
Participation rate (PR)	70%
Net participation rate (NPR)	72%
Devices among completers	
Computer device	35%
Mobile device	56%
Tablet device	9%

Table 8: Details on Study 3, SCP: Additional general questions

	Mean	Median	Std. Dev.	N.
Number of received/applicable items	53.89	54.00	0.32	52 411
Number of item responses	52.80	54.00	5.93	52 411
Item response rate	0.98	1.00	0.11	52 411
Minutes to answer, excluding outliers	6.34	5.83	2.43	48 220
Seconds per item, excluding outliers	7.05	6.43	3.02	48 220
Minutes to answer, including outliers	7.83	5.99	20.45	52 231
Seconds per item, including outliers	8.70	6.60	22.66	52 231
Seconds per item, speeders	2.69	2.78	0.32	686
Seconds per item, sleepers	33.89	19.69	85.18	3 325

Summary, Citizen Panel 53

Table 9: Overall information, Citizen Panel 53

Sample	
Source	Probability (25%) Non-probability (75%)
Pre-stratification variables or other selection criteria	-
Age frame	17+
Sample disposition	
Total panelists invited ($I+P+R+NC+O$)	72 582
Completed questionnaires; more than 80% answered questions (I)	51 137
Partial questionnaires; 50%-80% answered questions (P)	415
Break-offs; fewer than 50% answered questions (R)	1 408
Refusals (R)	17 585
E-mail bounce backs or failed deliveries (NC)	2 037
Other (O)	0
Participation rate	
Participation rate (PR)	70%
Net participation rate (NPR)	72%
Devices among completes	
Computer device	35%
Mobile device	56%
Tablet device	9%

The Swedish Citizen Panel (SCP) is an academic web survey center located at the SOM Institute at the University of Gothenburg. The objective of the Swedish Citizen Panel is to facilitate for scientists to conduct web survey experiments, collect panel data and to contribute to methodological development. For more information, please contact us at:

citizenpanel@som.gu.se