



HONG KONG PUBLIC OPINION RESEARCH INSTITUTE
香港民意研究所

Hong Kong Public Opinion Program of Hong Kong Public Opinion Research Institute

PopPanel Research Report No. 125 cum “We Hongkongers” Research Report No. 86

Survey Date: 24 to 27 January 2022

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Research Background

“We Hongkongers” is an initiative advocated by Hong Kong Public Opinion Program (HKPOP) of Hong Kong Public Opinion Research Institute (HKPORI), with the support of many members of the civic society. With reference to the petition website “We the People” hosted by the White House of the United States, “We Hongkongers” aims to reflect public sentiment by conducting scientific research on any issues raised by Hong Kong citizens: <https://www.pori.hk/research-reports-en/wehkers.html?lang=en>.

“We Hongkongers” Project officially started on 17 October 2019, in the form of intensive rolling surveys. A total of 12 reports were published as of 23 December 2019. In mid-May 2020, in response to the rapid changes in Hong Kong’s political and public sentiment, HKPOP redeveloped the “We Hongkongers” Project. Coupled with the rapid development of the “HKPOP Panel” established by PORI in July 2019, PORI decided to launch the “We Hongkongers Panel Survey” to further strengthen interaction with the public and as well as collect and analyze public opinion and there are 29 reports in total. In January 2021, PORI redeveloped the “We Hongkongers” Project again to strengthen the cooperation with non-governmental organizations, civil society organizations, concern groups and professional organizations, and the results will be released in the form of mini-forums to initiate policy discussions.

This report also represents Report No. 125 under HKPOP Panel survey series, as well as Report No. 86 under the “We Hongkongers” Project Series. The research is co-organized with CarbonCare InnoLab (CCIL) on the theme “Climate Change”.

HKPOP sent out emails to all panel members at the beginning of the survey, inviting them to fill in the questionnaire at the designated online platform. Members were allowed to make repeated submissions, while only the last submission of each individual member would be used for analysis.

Contact Information

Herewith the contact information of the “We Hongkongers” Panel Survey:

Table 1: Detailed Contact Information

| | |
|-------------------------------|---|
| Survey method | Online survey |
| Target population | HKPOP Panel samples, namely Hong Kong People Representative Panel (Probability-based Panel) and Hong Kong People Volunteer Panel (Non-probability-based Panel) |
| Weighting method | Rim-weighted according to 1) gender-age distribution, educational attainment (highest level attended) distribution and economic activity status distribution of Hong Kong population from Census and Statistics Department; 2) appraisal of political condition and political inclination distribution from regular tracking surveys. |
| Date of survey | 24 January, 3pm – 27 January, 3pm |
| Total sample size | 4,982 |
| Response rate | 5.6% |
| Sampling error ^[1] | Sampling error of percentages at +/-1% at 95% confidence level |

[1] All error figures in this release are calculated at 95% confidence level. “95% confidence level” means that if we were to repeat a certain survey 100 times with different random samples, we would expect 95 times having the population parameter within the respective error margins calculated. Because of sampling errors, when quoting percentages, journalists should refrain from reporting decimal places, whereas one decimal place can be used when quoting rating figures.

PopPanel Composition

Regarding data collection, survey data from both the Hong Kong People Representative Panel and Hong Kong People Volunteer Panel were collected in the form of online questionnaire.

Among them, the Hong Kong People Representative Panel comes from members of the “HKPOP Panel” recruited in regular random telephone surveys. HKPOP uses “HKPOP Panel” as a framework for conducting surveys for different research projects, any eligible family member in the household may be invited to participate in a specific research.

Meanwhile, members of the Hong Kong People Volunteer Panel are recruited online. Citizens only need to self-register in HKPOP website to participate in online questionnaires.

All panel data collected will be adjusted using rim-weighting, to minimize the effects of self-selection bias or participation bias. Details are documented in the Weighting Procedure section.

Response Rate

HKPOP adopts a set of contact definition in compliance with most international standards. Historically, the social research community in Hong Kong has developed its own set of contact rates, cooperation rates, response rates, and so on. HKPOP normally reports the “success rate” for online surveys.

The calculation of the success rates in this study refers to the following tables.

Table 2: Calculation of success rate of the HKPOP Panel (by HKPOP definition)

| | | |
|--------------|--|----------|
| Success rate | | |
| = | $\frac{\text{Successful cases}}{\text{Panel size of the HKPOP Panel}}$ | x 100.0% |
| = | $\frac{4,982}{88,449}$ | x 100.0% |
| = | 5.6% | |

Weighting Procedure

HKPOP has continuously adopted and enhanced its weighting method over the past few decades. For this survey, HKPOP adopts a "2 by 5 by 2 by 4 by 5 by 4" weighting procedure involving six variables, namely, gender, age, educational attainment, economic activity status, appraisal of political condition and political inclination. Basically, the raw data of practically all random telephone surveys conducted by HKPOP are rim-weighted by the figures obtained from the Hong Kong Census and Statistics Department so that the marginal distribution of the sample in terms of gender, age, educational attainment and economic activity status would match with that of the general population figures from the Hong Kong Census and Statistics Department. The marginal distribution of the sample in terms of appraisal of political condition and political inclination would match that of the general population in HKPOP's regular tracking surveys. This rim-weighting method (sometimes called raking) is found to be the most practicable method in processing HKPOP's survey data.

Specifically, the gender and age groupings used for weighting are as follows:

- Male 12-29
- Male 30-39
- Male 40-49
- Male 50-59
- Male 60 or above
- Female 12-29
- Female 30-39
- Female 40-49
- Female 50-59
- Female 60 or above

The educational attainments used for weighting are as follows:

- Secondary or below
- Tertiary or above

The economic activity statuses used for weighting are as follows:

- Working population / Others
- Home-makers / Housewives
- Students
- Retired person

The appraisals of political condition used for weighting are as follows:

- Very satisfied
- Quite satisfied
- Half-half // Don't know / hard to say // Refused to answer
- Quite dissatisfied
- Very dissatisfied

The political inclinations used for weighting are as follows:

- Pro-democracy camp
- Pro-establishment camp
- Localist
- Centrist // Other // No political inclination / politically neutral / do not belong to any camp // Don't know / hard to say // Refused to answer

Quantitative Analysis Results

Quantitative analysis results of the “We Hongkongers” Panel Survey, after applying the standard weighting procedures, are as follows, all questions listed hereby are opinion questions:

Table 3: Q1 Survey results; Survey period: 24-27/1/2022

| Q1 Do you think your daily life in the following aspects is affected by climate change? | Physical and mental health (Base=4,976) | Food security (Base=4,977) | Household environment (Base=4,975) | Transportation (Base=4,962) | Economic / employment (Base=4,964) |
|---|---|----------------------------|------------------------------------|-----------------------------|------------------------------------|
| Yes | 84% | 82% | 77% | 59% | 51% |
| No | 10% | 11% | 15% | 24% | 29% |
| Don't know / hard to say | 6% | 7% | 7% | 17% | 20% |

Chart 1: Q1 Combined chart

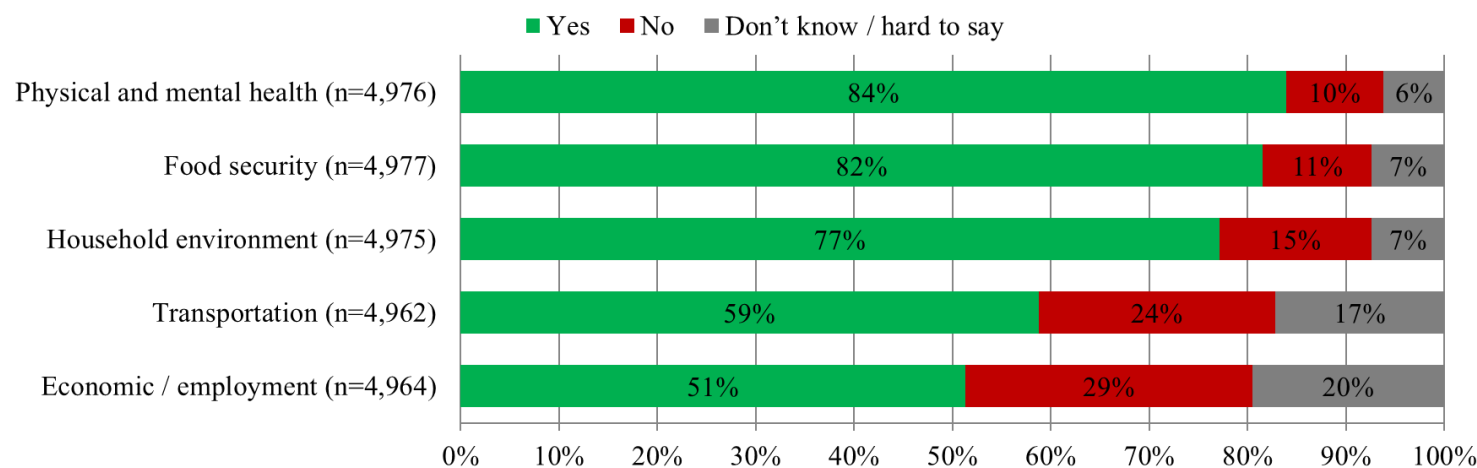


Table 4: Q2 Survey results; Survey period: 24-27/1/2022

| Q2 How capable do you think you are of adapting to climate change? | Combined (Base=4,975) |
|--|-----------------------|
| Highly capable | 2% |
| Somewhat capable } Capable | 18% |
| Half-half | 48% |
| Somewhat incapable | 15% |
| Highly incapable } Incapable | 8% |
| Don't know / hard to say | 9% |
| Mean^[2] | 2.9 |

[2] The mean value is calculated by quantifying all individual responses into 1, 2, 3, 4, 5 marks according to their degree of capability, where 1 is the lowest and 5 the highest, and then calculate the sample mean.

Chart 2: Q2 Combined chart

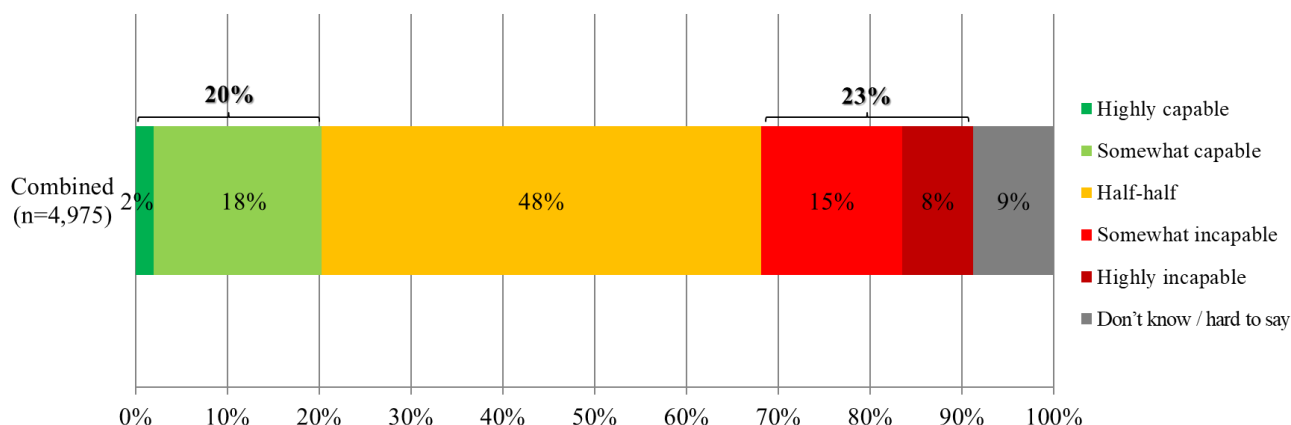


Table 5: Q3 Survey results; Survey period: 24-27/1/2022

| Q3 Who do you think is more responsible for climate change? Please arrange the following in descending order of responsibility. | Most responsible (Base=4,881) | Second (Base=4,869) | Third (Base=4,843) | Fourth (Base=4,783) |
|---|--|--------------------------------------|-------------------------------------|--------------------------------------|
| Governments of various / certain countries or regions | 50% | 23% | 17% | 10% |
| Industries / enterprises with high carbon emissions | 31% | 47% | 20% | 3% |
| Energy corporations | 8% | 22% | 44% | 25% |
| Peoples of various / certain countries or regions | 11% | 8% | 20% | 62% |

Chart 3: Q3 Combined chart

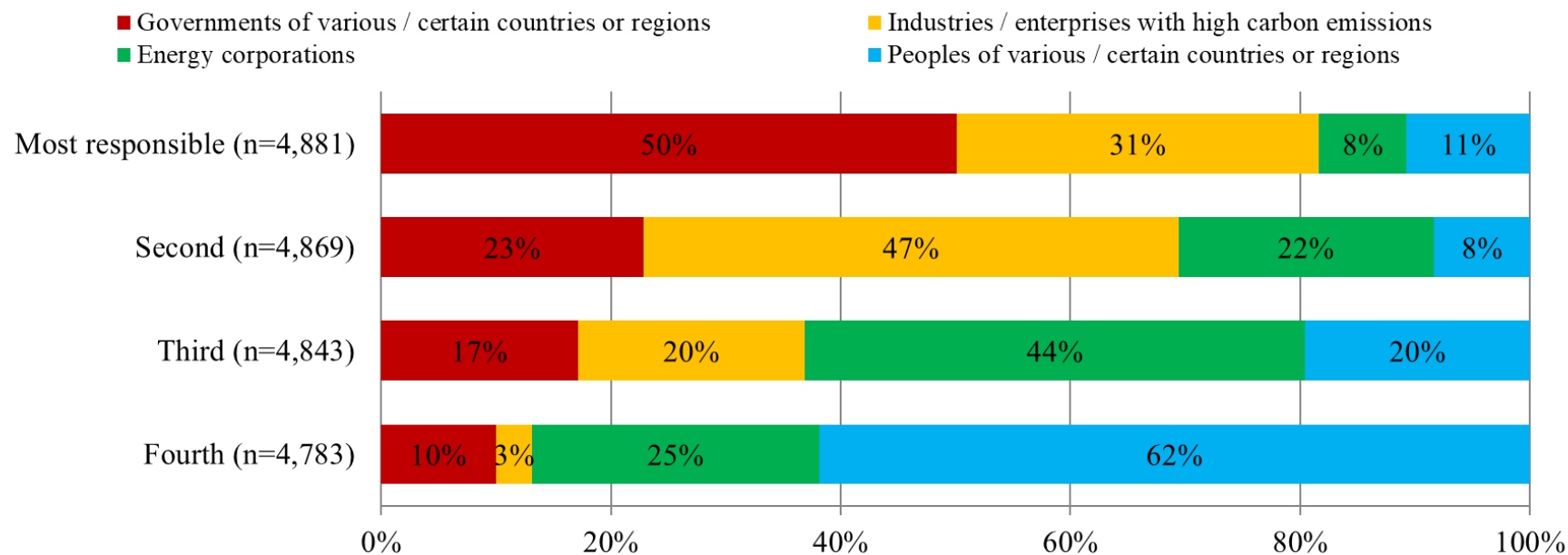


Table 6: Q3 Survey results; Survey period: 24-27/1/2022

| Q3 Who do you think is more responsible for climate change? Please arrange the following in descending order of responsibility. | Governments of various / certain countries or regions (Base=4,868) | Industries / enterprises with high carbon emissions (Base=4,860) | Energy corporations (Base=4,834) | Peoples of various / certain countries or regions (Base=4,814) |
|--|--|--|--|--|
| Most responsible | 51% | 31% | 8% | 11% |
| Second | 23% | 46% | 23% | 9% |
| Third | 17% | 19% | 44% | 20% |
| Fourth | 10% | 3% | 25% | 61% |
| Average ranking^[3] | 1.86 | 1.94 | 2.86 | 3.30 |

[3] The average ranking is calculated by taking the sample mean of rankings 1st, 2nd, 3rd, and 4th in descending order of responsibility.

Chart 4: Q3 Combined chart

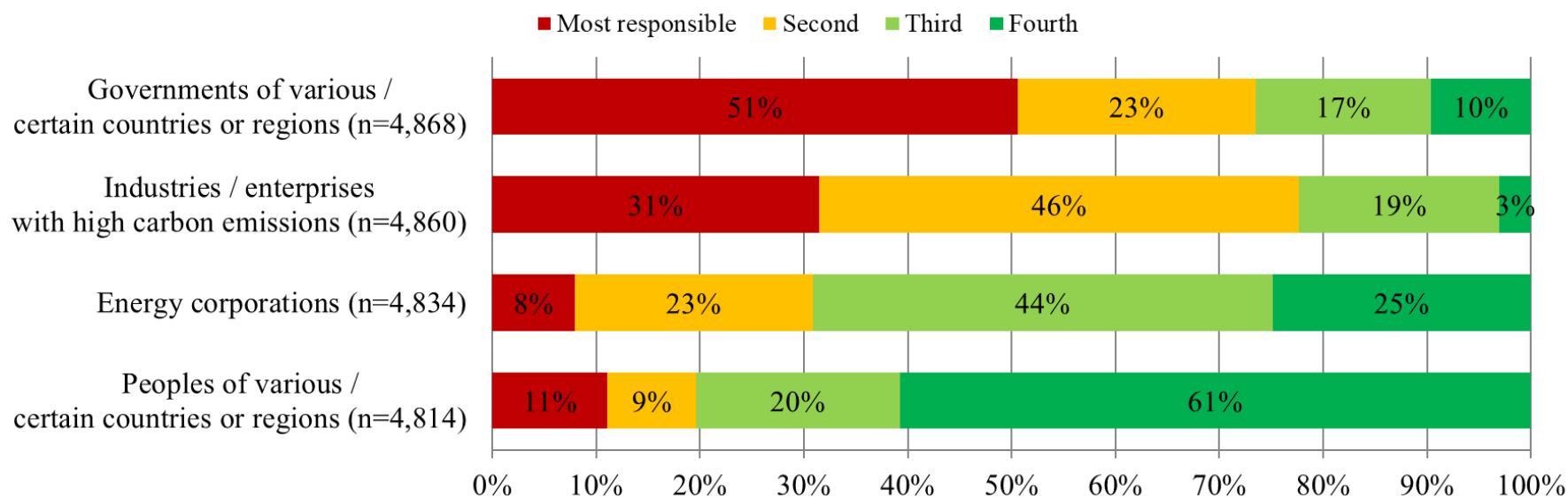


Table 7: Q4 Survey results; Survey period: 24-27/1/2022

| Q4 How capable do you think you are of alleviating climate change? | Combined (Base=4,976) |
|--|-----------------------|
| Highly capable | 1% |
| Somewhat capable | 3% |
| Half-half | 23% |
| Somewhat incapable | 36% |
| Highly incapable | 34% |
| Don't know / hard to say | 3% |
| Mean^[4] | 2.0 |

[4] The mean value is calculated by quantifying all individual responses into 1, 2, 3, 4, 5 marks according to their degree of capability, where 1 is the lowest and 5 the highest, and then calculate the sample mean.

Chart 5: Q4 Combined chart

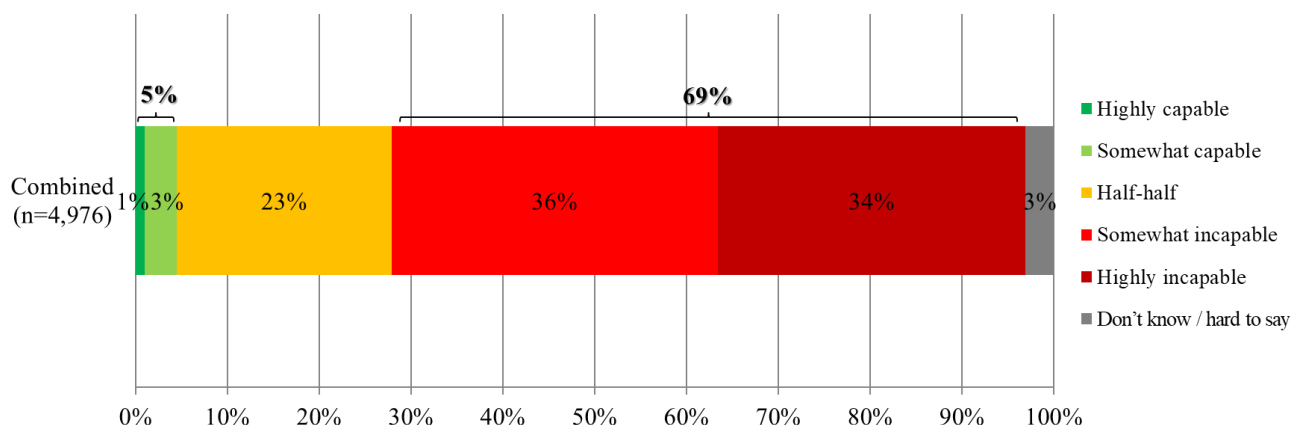
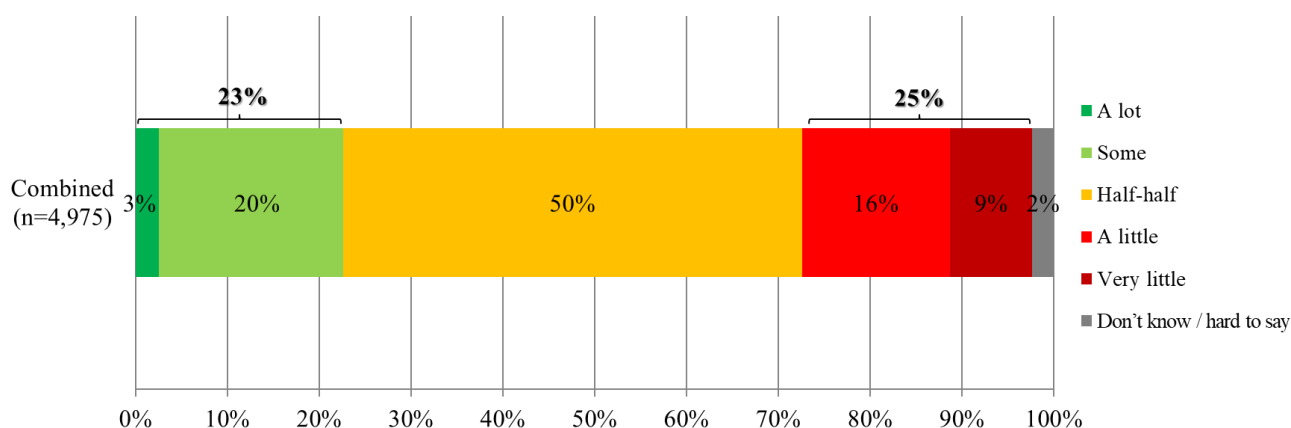


Table 8: Q5 Survey results; Survey period: 24-27/1/2022

| Q5 How much do you think you know about various ways to save energy and reduce carbon emission? | Combined (Base=4,975) |
|---|-----------------------|
| A lot | 3% |
| Some | 20% |
| Half-half | 50% |
| A little | 16% |
| Very little | 9% |
| Don't know / hard to say | 2% |
| Mean^[5] | 2.9 |

[5] The mean value is calculated by quantifying all individual responses into 1, 2, 3, 4, 5 marks according to their degree of knowledge level, where 1 is the lowest and 5 the highest, and then calculate the sample mean.

Chart 6: Q5 Combined chart



Appendices

Appendix 1: Demographic profile of respondents

| Gender: | Pro-democracy camp supporters | | | | Non-pro-democracy camp supporters # | | | | Total | | | |
|-----------------|-------------------------------|--------|-----------------|--------|-------------------------------------|--------|-----------------|--------|------------|--------|-----------------|--------|
| | Raw sample | | Weighted sample | | Raw sample | | Weighted sample | | Raw sample | | Weighted sample | |
| | Freq | % | Freq | % | Freq | % | Freq | % | Freq | % | Freq | % |
| Male | 2,405 | 57.1% | 472 | 34.0% | 295 | 56.7% | 1,617 | 55.0% | 2,834 | 56.9% | 2,350 | 47.2% |
| Female | 1,804 | 42.8% | 914 | 65.8% | 223 | 42.9% | 1,322 | 45.0% | 2,138 | 42.9% | 2,626 | 52.7% |
| Other | 6 | 0.1% | 3 | 0.2% | 2 | 0.4% | 1 | <0.1% | 10 | 0.2% | 5 | 0.1% |
| Total | 4,215 | 100.0% | 1,389 | 100.0% | 520 | 100.0% | 2,941 | 100.0% | 4,982 | 100.0% | 4,982 | 100.0% |
| Missing case(s) | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |

| Age: | Pro-democracy camp supporters | | | | Non-pro-democracy camp supporters # | | | | Total | | | |
|-----------------|-------------------------------|--------|-----------------|--------|-------------------------------------|--------|-----------------|--------|------------|--------|-----------------|--------|
| | Raw sample | | Weighted sample | | Raw sample | | Weighted sample | | Raw sample | | Weighted sample | |
| | Freq | % | Freq | % | Freq | % | Freq | % | Freq | % | Freq | % |
| 12 - 29 | 581 | 13.8% | 377 | 27.2% | 35 | 6.7% | 441 | 15.0% | 661 | 13.3% | 983 | 19.8% |
| 30 - 39 | 1,012 | 24.0% | 160 | 11.5% | 90 | 17.3% | 513 | 17.5% | 1,163 | 23.4% | 770 | 15.5% |
| 40 - 49 | 1,071 | 25.4% | 292 | 21.1% | 117 | 22.5% | 407 | 13.9% | 1,252 | 25.1% | 814 | 16.4% |
| 50 - 59 | 983 | 23.3% | 281 | 20.2% | 147 | 28.3% | 545 | 18.6% | 1,185 | 23.8% | 903 | 18.2% |
| 60 or above | 566 | 13.4% | 278 | 20.0% | 130 | 25.0% | 1,027 | 35.0% | 718 | 14.4% | 1,505 | 30.2% |
| Total | 4,213 | 100.0% | 1,389 | 100.0% | 519 | 100.0% | 2,933 | 100.0% | 4,979 | 100.0% | 4,974 | 100.0% |
| Missing case(s) | 2 | | <1 | | 1 | | 8 | | 3 | | 8 | |

| Education attainment: | Pro-democracy camp supporters | | | | Non-pro-democracy camp supporters # | | | | Total | | | |
|-----------------------|-------------------------------|--------|-----------------|--------|-------------------------------------|--------|-----------------|--------|------------|--------|-----------------|--------|
| | Raw sample | | Weighted sample | | Raw sample | | Weighted sample | | Raw sample | | Weighted sample | |
| | Freq | % | Freq | % | Freq | % | Freq | % | Freq | % | Freq | % |
| Primary or below | 9 | 0.2% | 23 | 1.6% | 0 | 0.0% | 0 | 0.0% | 10 | 0.2% | 26 | 0.5% |
| Secondary | 644 | 15.3% | 608 | 43.8% | 125 | 24.1% | 1,188 | 40.4% | 795 | 16.3% | 2,003 | 41.1% |
| Tertiary or above | 3,556 | 84.5% | 757 | 54.6% | 394 | 75.9% | 1,752 | 59.6% | 4,067 | 83.5% | 2,843 | 58.4% |
| Total | 4,209 | 100.0% | 1,387 | 100.0% | 519 | 100.0% | 2,941 | 100.0% | 4,872 | 100.0% | 4,872 | 100.0% |
| Missing case(s) | 6 | | 2 | | 1 | | <1 | | 110 | | 110 | |

| Occupation: | Pro-democracy camp supporters | | | | Non-pro-democracy camp supporters # | | | | Total | | | |
|----------------------------------|-------------------------------|--------|-----------------|--------|-------------------------------------|--------|-----------------|--------|------------|--------|-----------------|--------|
| | Raw sample | | Weighted sample | | Raw sample | | Weighted sample | | Raw sample | | Weighted sample | |
| | Freq | % | Freq | % | Freq | % | Freq | % | Freq | % | Freq | % |
| Administrators and professionals | 1,703 | 40.5% | 201 | 14.4% | 169 | 32.6% | 635 | 21.7% | 1,912 | 39.3% | 945 | 19.4% |
| Clerks and service workers | 1,167 | 27.8% | 549 | 39.6% | 128 | 24.7% | 767 | 26.2% | 1,341 | 27.6% | 1,483 | 30.5% |
| Workers | 93 | 2.2% | 40 | 2.9% | 18 | 3.5% | 159 | 5.4% | 115 | 2.4% | 204 | 4.2% |
| Students | 137 | 3.3% | 95 | 6.9% | 11 | 2.1% | 208 | 7.1% | 153 | 3.1% | 319 | 6.6% |
| Home-makers / housewives | 180 | 4.3% | 134 | 9.6% | 18 | 3.5% | 308 | 10.5% | 205 | 4.2% | 513 | 10.6% |
| Others | 925 | 22.0% | 370 | 26.6% | 174 | 33.6% | 854 | 29.1% | 1,139 | 23.4% | 1,401 | 28.8% |
| Total | 4,205 | 100.0% | 1,389 | 100.0% | 518 | 100.0% | 2,933 | 100.0% | 4,865 | 100.0% | 4,865 | 100.0% |
| Missing case(s) | 10 | | <1 | | 2 | | 8 | | 117 | | 117 | |

| Political inclination: | Pro-democracy camp supporters | | | | Non-pro-democracy camp supporters # | | | | Total | | | |
|---|-------------------------------|--------|-----------------|--------|-------------------------------------|--------|-----------------|--------|------------|--------|-----------------|--------|
| | Raw sample | | Weighted sample | | Raw sample | | Weighted sample | | Raw sample | | Weighted sample | |
| | Freq | % | Freq | % | Freq | % | Freq | % | Freq | % | Freq | % |
| Pro-democracy camp | 2,467 | 58.5% | 869 | 62.5% | 0 | 0.0% | 0 | 0.0% | 2,467 | 50.6% | 869 | 17.8% |
| Pro-establishment camp | 0 | 0.0% | 0 | 0.0% | 34 | 6.5% | 690 | 23.5% | 34 | 0.7% | 690 | 14.1% |
| Localist | 1,748 | 41.5% | 520 | 37.5% | 0 | 0.0% | 0 | 0.0% | 1,748 | 35.9% | 520 | 10.7% |
| Centrist | 0 | 0.0% | 0 | 0.0% | 177 | 34.0% | 807 | 27.4% | 177 | 3.6% | 807 | 16.5% |
| Others | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 52 | 1.1% | 187 | 3.8% |
| No political inclination / politically neutral / don't belong to any camp | 0 | 0.0% | 0 | 0.0% | 309 | 59.4% | 1,444 | 49.1% | 309 | 6.3% | 1,444 | 29.6% |
| Don't know / hard to say | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 88 | 1.8% | 363 | 7.4% |
| Total | 4,215 | 100.0% | 1,389 | 100.0% | 520 | 100.0% | 2,941 | 100.0% | 4,875 | 100.0% | 4,880 | 100.0% |
| Missing case(s) | 0 | | 0 | | 0 | | 0 | | 107 | | 102 | |

Monthly
household
income:

Pro-democracy camp supporters

Non-pro-democracy camp supporters #

Total

| | Raw sample | | Weighted sample | | Raw sample | | Weighted sample | | Raw sample | | Weighted sample | |
|--------------------------|------------|--------|-----------------|--------|------------|--------|-----------------|--------|------------|--------|-----------------|--------|
| | Freq | % | Freq | % | Freq | % | Freq | % | Freq | % | Freq | % |
| Under \$15,000 | 331 | 7.9% | 231 | 16.7% | 52 | 10.0% | 393 | 13.4% | 416 | 8.4% | 853 | 17.3% |
| \$15,000 - \$29,999 | 757 | 18.0% | 506 | 36.5% | 101 | 19.5% | 678 | 23.1% | 906 | 18.2% | 1,267 | 25.6% |
| \$30,000 - \$59,999 | 1,417 | 33.7% | 360 | 26.0% | 161 | 31.1% | 919 | 31.3% | 1,659 | 33.4% | 1,429 | 28.9% |
| \$60,000 or above | 1,414 | 33.6% | 151 | 10.9% | 151 | 29.2% | 612 | 20.8% | 1,618 | 32.6% | 829 | 16.8% |
| Don't know / hard to say | 286 | 6.8% | 138 | 10.0% | 53 | 10.2% | 337 | 11.5% | 367 | 7.4% | 567 | 11.5% |
| Total | 4,205 | 100.0% | 1,386 | 100.0% | 518 | 100.0% | 2,939 | 100.0% | 4,966 | 100.0% | 4,946 | 100.0% |
| Missing case(s) | 10 | | 3 | | 2 | | 2 | | 16 | | 36 | |

Appendix 2: Contact Information

| | |
|-------------------------|--------------|
| Total valid samples | 4,982 |
| Survey period | 24-27/1/2022 |
| Success rate | 5.6% |
| Questionnaires sent out | 88,449 |
| Questionnaires received | 5,433 |
| Ineligible samples | 45 |
| Invalid samples | 0 |
| Incomplete samples | 406 |
| Standard error | 0.7% |
| Sampling error | 1.4% |

Appendix 3: Quantitative analyses

Q1a Survey results, by camp type; Survey period: 24-27/1/2022

| Q1a Do you think the following should be the objectives of climate change education in secondary schools / primary schools? [Physical and mental health] | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|--|-------------------------------|-------------------------------------|-----------------------------|
| | Percentages (Base=4,209) | Percentages (Base=520) | Percentages (Base=4,976) |
| Yes | 82.5% | 84.1% | 83.9% |
| No | 11.6% | 10.2% | 9.8% |
| Don't know / hard to say | 5.9% | 5.7% | 6.2% |
| Total | 100.0% | 100.0% | 100.0% |
| <i>Refuse to answer</i> | 0 | 0 | 0 |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q1b Survey results, by camp type; Survey period: 24-27/1/2022

| Q1b Do you think the following should be the objectives of climate change education in secondary schools / primary schools? [Economic / employment] | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|---|-------------------------------|-------------------------------------|-----------------------------|
| | Percentages (Base=4,202) | Percentages (Base=516) | Percentages (Base=4,964) |
| Yes | 45.9% | 56.7% | 51.3% |
| No | 33.5% | 28.3% | 29.2% |
| Don't know / hard to say | 20.5% | 15.0% | 19.5% |
| Total | 100.0% | 100.0% | 100.0% |
| <i>Refuse to answer</i> | 15 | 11 | 61 |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q1c Survey results, by camp type; Survey period: 24-27/1/2022

| Q1c Do you think the following should be the objectives of climate change education in secondary schools / primary schools? [Food security] | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|---|-------------------------------|-------------------------------------|-----------------------------|
| | Percentages (Base=4,212) | Percentages (Base=518) | Percentages (Base=4,977) |
| Yes | 81.6% | 82.3% | 81.5% |
| No | 11.3% | 10.6% | 11.0% |
| Don't know / hard to say | 7.0% | 7.1% | 7.4% |
| Total | 100.0% | 100.0% | 100.0% |
| <i>Refuse to answer</i> | 0 | 6 | 6 |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q1 Survey results, by camp type; Survey period: 24-27/1/2022

| Q1d Do you think the following should be the objectives of climate change education in secondary schools / primary schools? [Transportation] | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|--|-------------------------------|-------------------------------------|-----------------------------|
| | Percentages (Base=4,201) | Percentages (Base=516) | Percentages (Base=4,962) |
| Yes | 61.2% | 60.4% | 58.7% |
| No | 22.8% | 24.4% | 24.1% |
| Don't know / hard to say | 16.0% | 15.2% | 17.2% |
| Total | 100.0% | 100.0% | 100.0% |
| <i>Refuse to answer</i> | 15 | 10 | 60 |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q1e Survey results, by camp type; Survey period: 24-27/1/2022

| Q1e Do you think the following should be the objectives of climate change education in secondary schools / primary schools? [Household environment] | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|---|-------------------------------|-------------------------------------|-----------------------------|
| | Percentages (Base=4,209) | Percentages (Base=519) | Percentages (Base=4,975) |
| Yes | 74.3% | 79.9% | 77.1% |
| No | 18.6% | 13.9% | 15.4% |
| Don't know / hard to say | 7.1% | 6.1% | 7.4% |
| Total | 100.0% | 100.0% | 100.0% |
| <i>Refuse to answer</i> | 1 | 1 | 2 |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q2 Survey results, by camp type; Survey period: 24-27/1/2022

| Q2 How capable do you think you are of adapting to climate change? | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|--|-------------------------------|-------------------------------------|-----------------------------|
| | Percentages (Base=4,209) | Percentages (Base=519) | Percentages (Base=4,975) |
| Highly capable | 1.3% | 2.6% | 2.0% |
| Somewhat capable | 15.7% | 21.3% | 18.3% |
| Half-half | 55.7% | 44.4% | 47.9% |
| Somewhat incapable | 12.4% | 15.9% | 15.3% |
| Highly incapable | 7.6% | 7.7% | 7.7% |
| Don't know / hard to say | 7.3% | 8.0% | 8.8% |
| Total | 100.0% | 100.0% | 100.0% |
| Mean values | 2.9 | 2.9 | 2.9 |
| Standard error of mean | <0.1 | <0.1 | <0.1 |
| Median | 3.0 | 3.0 | 3.0 |
| <i>Refuse to answer</i> | <1 | 5 | 5 |
| Net value (Capable- Incapable) | -3.1% | +0.4% | -2.7% |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q3_1 Survey results, by camp type; Survey period: 24-27/1/2022

| Q3_1 Who do you think is more responsible for climate change? Please arrange the following in descending order of responsibility. [First] | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|---|-------------------------------|-------------------------------------|-----------------------------|
| | Percentages (Base=4,142) | Percentages (Base=499) | Percentages (Base=4,881) |
| Governments of various / certain countries or regions | 48.3% | 48.0% | 50.1% |
| Energy corporations | 12.5% | 5.7% | 7.6% |
| Industries / enterprises with high carbon emissions | 32.6% | 33.0% | 31.5% |
| Peoples of various / certain countries or regions | 6.6% | 13.3% | 10.8% |
| Total | 100.0% | 100.0% | 100.0% |
| <i>Refuse to answer</i> | 69 | 246 | 323 |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q3_2 Survey results, by camp type; Survey period: 24-27/1/2022

| Q3_2 Who do you think is more responsible for climate change? Please arrange the following in descending order of responsibility. [Second] | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|--|-------------------------------|-------------------------------------|-----------------------------|
| | Percentages (Base=4,135) | Percentages (Base=496) | Percentages (Base=4,869) |
| Governments of various / certain countries or regions | 21.3% | 25.9% | 22.9% |
| Energy corporations | 25.1% | 20.0% | 22.2% |
| Industries / enterprises with high carbon emissions | 45.7% | 46.6% | 46.5% |
| Peoples of various / certain countries or regions | 7.9% | 7.5% | 8.4% |
| Total | 100.0% | 100.0% | 100.0% |
| <i>Refuse to answer</i> | 70 | 246 | 360 |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q3 3 Survey results, by camp type; Survey period: 24-27/1/2022

| Q3_3 Who do you think is more responsible for climate change? Please arrange the following in descending order of responsibility. [Third] | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|---|-------------------------------|-------------------------------------|-----------------------------|
| | Percentages (Base=4,113) | Percentages (Base=492) | Percentages (Base=4,843) |
| Governments of various / certain countries or regions | 23.6% | 15.2% | 17.1% |
| Energy corporations | 42.8% | 44.6% | 43.5% |
| Industries / enterprises with high carbon emissions | 16.2% | 18.5% | 19.8% |
| Peoples of various / certain countries or regions | 17.5% | 21.7% | 19.6% |
| Total | 100.0% | 100.0% | 100.0% |
| <i>Refuse to answer</i> | 73 | 319 | 435 |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q3 4 Survey results, by camp type; Survey period: 24-27/1/2022

| Q3_4 Who do you think is more responsible for climate change? Please arrange the following in descending order of responsibility. [Fourth] | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|--|-------------------------------|-------------------------------------|-----------------------------|
| | Percentages (Base=4,061) | Percentages (Base=487) | Percentages (Base=4,783) |
| Governments of various / certain countries or regions | 7.1% | 11.6% | 10.0% |
| Energy corporations | 17.3% | 28.1% | 25.0% |
| Industries / enterprises with high carbon emissions | 5.7% | 2.5% | 3.2% |
| Peoples of various / certain countries or regions | 69.9% | 57.7% | 61.9% |
| Total | 100.0% | 100.0% | 100.0% |
| <i>Refuse to answer</i> | 117 | 365 | 527 |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q3a Survey results, by camp type; Survey period: 24-27/1/2022

| Q3a Who do you think is more responsible for climate change? Please arrange the following in descending order of responsibility. [Ranking of Governments of various / certain countries or regions] | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|---|-------------------------------|-------------------------------------|--------------|
| | Percentages | Percentages | Percentages |
| | (Base=4,133) | (Base=496) | (Base=4,868) |
| First | 48.4% | 48.1% | 50.6% |
| Second | 21.3% | 26.0% | 22.9% |
| Third | 23.5% | 14.8% | 16.9% |
| Fourth | 6.8% | 11.1% | 9.6% |
| Total | 100.0% | 100.0% | 100.0% |
| Average ranking | 1.9 | 1.9 | 1.9 |
| Standard error of average ranking | <0.1 | <0.1 | <0.1 |
| Median | 0.0 | 0.0 | 0.0 |
| Refuse to answer | 70 | 252 | 366 |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q3b Survey results, by camp type; Survey period: 24-27/1/2022

| Q3b Who do you think is more responsible for climate change? Please arrange the following in descending order of responsibility. [Ranking of Energy corporations] | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|---|-------------------------------|-------------------------------------|--------------|
| | Percentages | Percentages | Percentages |
| | (Base=4,105) | (Base=491) | (Base=4,834) |
| First | 12.9% | 5.9% | 7.9% |
| Second | 25.9% | 20.9% | 23.0% |
| Third | 44.0% | 45.2% | 44.2% |
| Fourth | 17.2% | 28.0% | 24.9% |
| Total | 100.0% | 100.0% | 100.0% |
| Average ranking | 2.7 | 3.0 | 2.9 |
| Standard error of average ranking | <0.1 | <0.1 | <0.1 |
| Median | 0.0 | 0.0 | 0.0 |
| Refuse to answer | 110 | 354 | 507 |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q3c Survey results, by camp type; Survey period: 24-27/1/2022

| Q3c Who do you think is more responsible for climate change? Please arrange the following in descending order of responsibility. [Ranking of Industries / enterprises with high carbon emissions] | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|---|-------------------------------|-------------------------------------|--------------|
| | Percentages | Percentages | Percentages |
| | (Base=4,125) | (Base=496) | (Base=4,860) |
| First | 32.6% | 33.0% | 31.5% |
| Second | 45.7% | 46.6% | 46.2% |
| Third | 16.2% | 18.0% | 19.3% |
| Fourth | 5.5% | 2.4% | 3.0% |
| Total | 100.0% | 100.0% | 100.0% |
| Average ranking | 1.9 | 1.9 | 1.9 |
| Standard error of average ranking | <0.1 | <0.1 | <0.1 |
| Median | 0.0 | 0.0 | 0.0 |
| Refuse to answer | 71 | 246 | 326 |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q3d Survey results, by camp type; Survey period: 24-27/1/2022

| Q3d Who do you think is more responsible for climate change? Please arrange the following in descending order of responsibility. [Ranking of Peoples of various / certain countries or regions] | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|---|-------------------------------|-------------------------------------|--------------|
| | Percentages | Percentages | Percentages |
| | (Base=4,088) | (Base=491) | (Base=4,814) |
| First | 6.7% | 13.7% | 11.1% |
| Second | 7.9% | 7.7% | 8.5% |
| Third | 17.6% | 21.7% | 19.6% |
| Fourth | 67.8% | 56.8% | 60.8% |
| Total | 100.0% | 100.0% | 100.0% |
| Average ranking | 3.5 | 3.2 | 3.3 |
| Standard error of average ranking | <0.1 | <0.1 | <0.1 |
| Median | 0.0 | 0.0 | 0.0 |
| Refuse to answer | 78 | 324 | 446 |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q4 Survey results, by camp type; Survey period: 24-27/1/2022

| Q4 How capable do you think you are of alleviating climate change? | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|--|-------------------------------|-------------------------------------|-----------------------------|
| | Percentages (Base=4,211) | Percentages (Base=519) | Percentages (Base=4,976) |
| Highly capable } Capable | 0.3% | 1.6% | 1.0% |
| Somewhat capable | 1.5% | 4.9% | 3.5% |
| Half-half | 21.5% | 23.4% | 23.4% |
| Somewhat incapable } Incapable | 47.1% | 32.8% | 35.5% |
| Highly incapable | 27.2% | 34.1% | 33.5% |
| Don't know / hard to say | 2.4% | 3.3% | 3.1% |
| Total | 100.0% | 100.0% | 100.0% |
| Mean values | 2.0 | 2.0 | 2.0 |
| Standard error of mean | <0.1 | <0.1 | <0.1 |
| Median | 2.0 | 2.0 | 2.0 |
| Refuse to answer | <1 | 4 | 4 |
| Net value (Capable- Incapable) | -72.6% | -60.4% | -64.5% |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Q5 Survey results, by camp type; Survey period: 24-27/1/2022

| Q5 How much do you think you know about various ways to save energy and reduce carbon emission? | Pro-democracy camp supporters | Non-pro-democracy camp supporters # | Total |
|---|-------------------------------|-------------------------------------|-----------------------------|
| | Percentages (Base=4,209) | Percentages (Base=520) | Percentages (Base=4,975) |
| A lot | 1.5% | 3.1% | 2.5% |
| Some } A lot / Some | 21.4% } 22.9% | 20.9% } 24.0% | 20.1% } 22.6% |
| Half-half | 53.0% | 47.1% | 49.9% |
| A little | 17.4% | 17.1% | 16.1% |
| Very Little } Very little / A little | 6.5% } 23.9% | 8.1% } 25.2% | 8.9% } 25.0% |
| Don't know / hard to say | 0.2% | 3.6% | 2.4% |
| Total | 100.0% | 100.0% | 100.0% |
| Mean values | 2.9 | 2.9 | 2.9 |
| Standard error of mean | <0.1 | <0.1 | <0.1 |
| Median | 3.0 | 3.0 | 3.0 |
| <i>Refuse to answer</i> | 2 | 0 | 2 |
| Net value (A lot / Some- Very little / A little) | -0.9% | -1.2% | -2.4% |

Including pro-establishment camp supporters, centrist supporters, no political inclination / politically neutral / do not belong to any camp

Appendix 4: Survey questionnaire (24-27/1/2022)

We Hongkongers & Community Health Survey

Hong Kong Public Opinion Research Institute is politically neutral. We welcome different opinions. All personal data will be kept strictly confidential. You can fill in the questionnaire again to express your latest views. When we need to work on the data, your last submission will be used. For enquiries, please email us at panel@pori.hk.

Last updated: xxxx-xx-xx

Tentative next update: xxxx-xx-xx

***Required**

Eligibility Confirmation

Are you a Hong Kong resident aged 12 or above (i.e., currently residing in Hong Kong)? *

- Yes
- No

Community Markets

In community markets, stalls sell products and people interact.

How much do you support or oppose organising community markets regularly in different districts in Hong Kong?

- Strongly support
- Somewhat support
- Half-half
- Somewhat oppose
- Strongly oppose
- Don't know / hard to say

(Not asking respondents who replied “oppose” in the last question)

How frequent do you think community markets should be organised?

- Once per day
- Once per week
- Once per two weeks
- Once per month

- Once per quarter
- Once per ___ day(s)
- Every festive season or holiday
- Should not be organised regularly (not shown to respondents who answered the last question)
- Don't know / hard to say

There is a view that the government should open up vacant school premises, public space in public housing estates, areas under flyovers and other unused spaces to set up community markets. How much do you support or oppose this suggestion?

- Strongly support
- Somewhat support
- Half-half
- Somewhat oppose
- Strongly oppose
- Don't know / hard to say

There is a view that community markets would help lower unemployment rate. How much do you support or oppose this point of view?

- Strongly support
- Somewhat support
- Half-half
- Somewhat oppose
- Strongly oppose
- Don't know / hard to say

Climate Change

Do you think the following should be the objectives of climate change education in secondary schools / primary schools?

(Randomise the aspects)

| | Yes | No | Don't know / hard to say |
|----------------------------|-----|----|--------------------------|
| Physical and mental health | | | |
| Economic / employment | | | |
| Food security | | | |
| Transportation | | | |
| Household environment | | | |

How capable do you think you are of adapting to climate change?

- Highly capable
- Somewhat capable
- Half-half
- Somewhat incapable
- Highly incapable
- Don't know / hard to say

Who do you think is more responsible for climate change? Please arrange the following in descending order of responsibility.

(Randomise the options)

Governments of various / certain countries or regions

Energy corporations

Industries / enterprises with high carbon emissions

Peoples of various / certain countries or regions

How capable do you think you are of alleviating climate change?

- Highly capable
- Somewhat capable
- Half-half
- Somewhat incapable
- Highly incapable
- Don't know / hard to say

How much do you think you know about various ways to save energy and reduce carbon emission?

- A lot
- Some
- Half-half
- A little
- Very little
- Don't know / hard to say

What is your monthly household income?

- Under \$15,000
- \$15,000 - \$29,999
- \$30,000 - \$59,999
- \$60,000 or above
- Don't know / hard to say

Community Health

How likely do you think it is that you will contract novel coronavirus pneumonia over the next one month?

(Please select the closest answer)

- | | | |
|--|----------------------------------|--|
| <input type="radio"/> 0% chance (Certainly not) | <input type="radio"/> 20% chance | <input type="radio"/> 70% chance |
| <input type="radio"/> 0.001% chance (1 in 100,000) | <input type="radio"/> 25% chance | <input type="radio"/> 80% chance |
| <input type="radio"/> 0.01% chance (1 in 10,000) | <input type="radio"/> 30% chance | <input type="radio"/> 90% chance |
| <input type="radio"/> 0.1% chance (1 in 1,000) | <input type="radio"/> 35% chance | <input type="radio"/> 100% chance (Certainly will) |
| <input type="radio"/> 1% chance (1 in 100) | <input type="radio"/> 40% chance | <input type="radio"/> _____ % chance |
| <input type="radio"/> 5% chance (1 in 20) | <input type="radio"/> 45% chance | <input type="radio"/> Don't know / hard to say |
| <input type="radio"/> 10% chance (1 in 10) | <input type="radio"/> 50% chance | |
| <input type="radio"/> 15% chance | <input type="radio"/> 60% chance | |

How satisfied or dissatisfied are you with the government's performance in handling novel coronavirus pneumonia?

- Very much satisfied
- Somewhat satisfied
- Half-half
- Somewhat dissatisfied
- Very much dissatisfied
- Don't know / hard to say

Other Opinions

Generally speaking, how satisfied or dissatisfied are you with the current in Hong Kong?

(Randomise the three conditions)

| | Very much satisfied | Somewhat satisfied | Half-half | Somewhat dissatisfied | Very much dissatisfied | Don't know / hard to say |
|----------------------|---------------------|--------------------|-----------|-----------------------|------------------------|--------------------------|
| Political condition | | | | | | |
| Economic condition | | | | | | |
| Livelihood condition | | | | | | |

Personal Information

This section is about personal information. If you have already provided relevant information in this survey series and have nothing to add or update, you may skip these questions. We will use the past data you provided in this survey series for analysis.

- I have already provided my personal information, and has nothing to add or update ([skip questions on personal information](#))
- Provide / update personal information now

Gender

- Male
- Female
- Other

Age

- _____ years old
- 12 - 14
- 15 - 17
- 18 - 19
- 20 - 24
- 25 - 29
- 30 - 34
- 35 - 39
- 40 - 44
- 45 - 49
- 50 - 54
- 55 - 59
- 60 - 64
- 65 - 69
- 70 or above

Educational attainment

(The highest level attended, regardless of whether you have completed the course, including what you are attending)

- Primary or below
- Lower secondary (Secondary 1 to 3)
- Upper secondary (Secondary 4 to 7 / DSE / Yi Jin)
- Tertiary: non-degree course (including diploma / certificate / sub-degree course)
- Tertiary: bachelor degree course
- Tertiary: postgraduate school or above

Occupation

(Owner / self-employed / freelance / part time / civil servant are not valid answers, please answer according to the job nature or content)

- Administrator and professional
- Clerical and service worker

- Production worker
- Student
- Home-maker / housewife
- Retired person
- Unemployed / between jobs / other non-employed
- Other: _____

Which of the following best describes your political inclination?

(Randomise the four camps)

- Localist
- Pro-democracy camp
- Centrist
- Pro-establishment camp
- Other: _____
- No political inclination / politically neutral / do not belong to any camp
- Don't know / hard to say

End of Questionnaire

Thank you for completing the survey. For enquiries, please email us at panel@pori.hk.