



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. 57 cum “We Hongkongers” Research Report No. 42

Survey Date: 18 to 25 January 2021

Release Date: 29 January 2021

Copyright of this report was generated by the Hong Kong Public Opinion Program (HKPOP) and opened to the world.

HKPOP proactively promotes open data, open technology and the free flow of ideas, knowledge and information.

The predecessor of HKPOP was the Public Opinion Programme at The University of Hong Kong (HKUPOP).

“POP” in this publication may refer to HKPOP or HKUPOP as the case may be.

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/wehongkongers_factsheet_20191017_chi.

"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 December 23, 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. 57 under HKPOP Panel survey series, as well as Report No. 42 under the "We Hongkongers" Project Series. The research is co-organized with the Hong Kong Christian Industrial Committee on the theme "Work and Mental Health".

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 6: 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	The figures are rim-weighted according to 1) gender-age distribution, educational attainment (highest level attended) distribution, economic activity status distribution of Hong Kong population and by District Councils population figures from Census and Statistics Department; 2) Voting results of District Councils Election from Registration and Electoral Office; 3) rating distribution of Chief Executive from regular tracking surveys.
Date of survey	January 18, 3pm – January 25, 3pm
Total sample size	4,769
Response rate	4.9%
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 HKPORI 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 7: Calculation of success rate of the HKPOP Panel (by HKPOP definition)

Success rate	
=	$\frac{\text{Successful cases}}{\text{Panel size of the Hong Kong People Representative Panel}} \times 100.0\%$
=	$\frac{4,769}{96,661} \times 100.0\%$
=	4.9%

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 18 by 3 by 13" weighting procedure involving seven variables, namely, gender, age, educational attainment, economic activity status, district (18 cells), voting record (3 cells) and rating of Chief Executive (13 cells). 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 and/or Registration and Electoral Office 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 district and voting record would match that of the general population figures from the Hong Kong Census and Statistics Department and/or Registration and Electoral Office. The marginal distribution of the sample in terms of "rating of Chief Executive" 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 districts used for weighting are as follows:

- Central and Western
- Wan Chai
- Eastern
- Southern
- Yau Tsim Mong
- Sham Shui Po
- Kowloon City
- Wong Tai Sin
- Kwun Tong
- Tsuen Wan
- Tuen Mun
- Yuen Long
- North
- Tai Po
- Sai Kung
- Sha Tin
- Kwai Tsing
- Islands

The voting records used for weighting are as follows:

- Candidates of pro-democracy camp
- Candidates of non-pro-democracy camp
- Did not vote / blank/void vote

The "rating of Chief Executive" groupings used for weighting are as follows:

- 0 mark
- 1-9 mark(s)
- 10-19 marks
- 20-29 marks
- 30-39 marks
- 40-49 marks
- 50 marks
- 51-60 marks
- 61-70 marks
- 71-80 marks
- 81-90 marks
- 91-99 marks
- 100 marks

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: 18-25/1/2021

Q1 In the past month, how often are you in mental distress because of work?	Combined ^[2] (Base=4,538)
Not at all	23%
Seldom	20%
Sometimes	18%
Somewhat often	10%
Very often	7%
Not applicable (did not work in the past month)	22%
Don't know / hard to say	<1%
Mean ^[3]	2.5

[2] The aggregated figures come from adjusting the by-group weighted figures using ratio of “pan-democratic” vs “non-pan-democratic” collected in regular tracking survey.

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

Chart 1: Q1 Combined chart

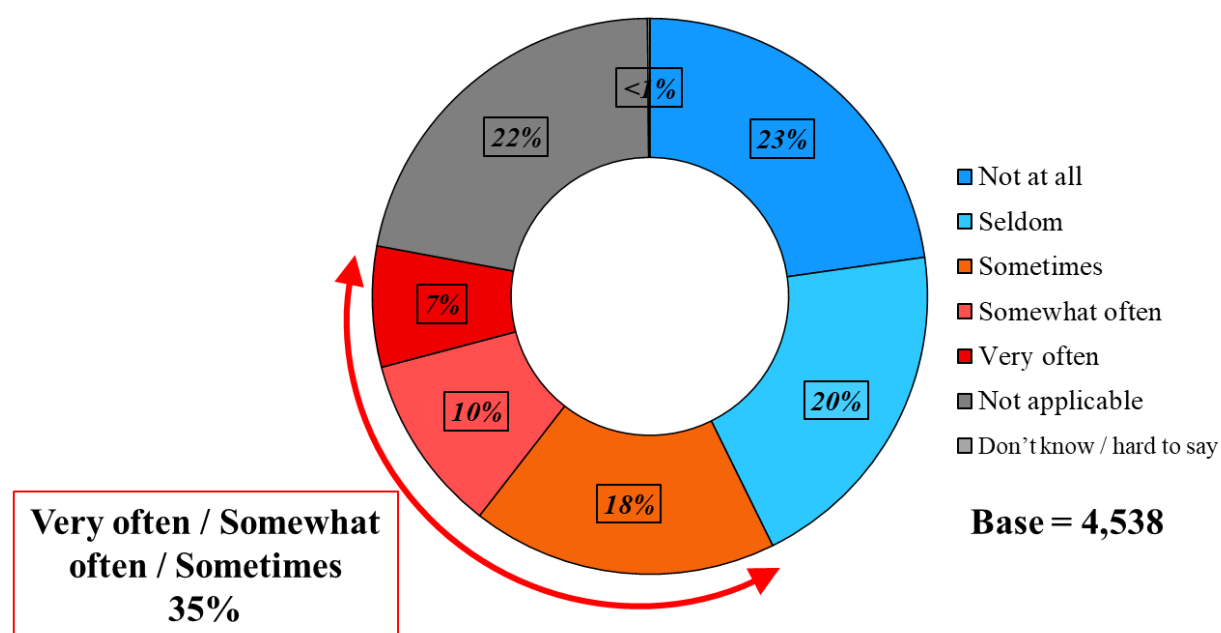


Table 4: Q2 Survey results; Survey period: 18-25/1/2021

Q2 What are the things at work that make you feel mentally distressed most? (Does not include unemployment, underemployment, etc.) (Multiple answers allowed)	Combined^[4] (Base=3,270)
Heavy workload / Have to complete tasks in a short period of time	34%
Can't make mistake at work	32%
Need to work even if I am off work	24%
Long or unstable working hours / Need to work overtime or in shifts / Long commutes	23%
Worry about being dismissed / having to close the business	22%
Subpar performance at work / Poor business performance	16%
Poor relationship or many conflicts with supervisors or colleagues / Being scolded / picked on / boycotted / bullied / discriminated	15%
Salary not meeting expectation / Wages not paid on time	14%
No autonomy at work / Boring	12%
Share different political views with supervisors or colleagues	11%
Can't be late	11%
My job goes against my values / My work goes against professional conduct	11%
Working environment is poor / noisy / overcrowded / has poor hygiene	9%
Others	6%

[4] The aggregated figures come from adjusting the by-group weighted figures using ratio of “pan-democratic” vs “non-pan-democratic” collected in regular tracking survey.

Chart 2: Q2 Combined chart

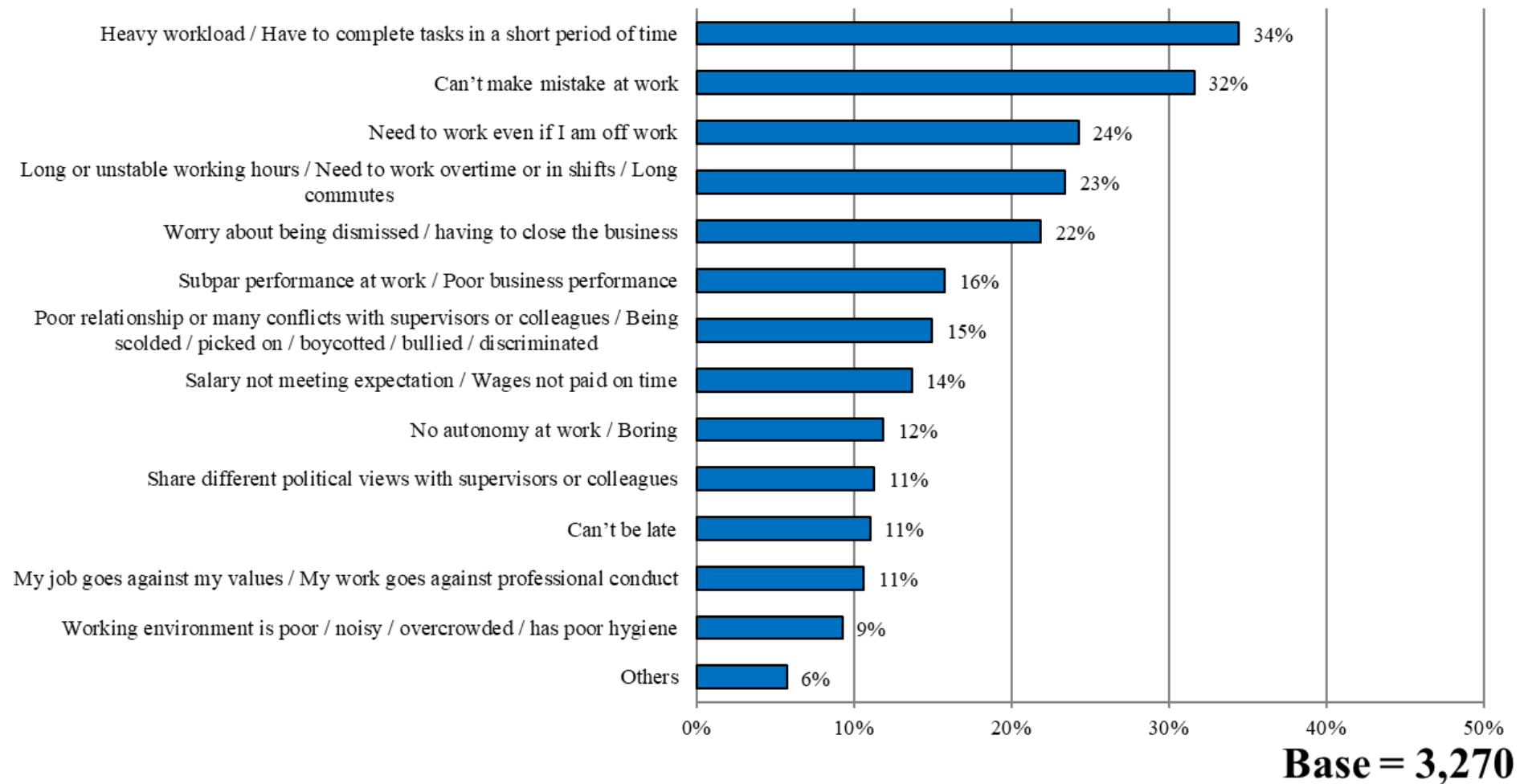


Table 5: Q3 Survey results; Survey period: 18-25/1/2021

Q3 Do you think there is adequate labour protection when you are in mental distress at work?	Combined^[5] (Base=3,326)
Very adequate	2%
Somewhat adequate } Adequate	12%
Half-half	21%
Somewhat inadequate } Inadequate	7%
Very inadequate	30%
Not applicable (I am the employer)	6%
Don't know / hard to say	23%
Mean^[6]	2.3

[5] The aggregated figures come from adjusting the by-group weighted figures using ratio of “pan-democratic” vs “non-pan-democratic” collected in regular tracking survey.

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

Chart 3: Q3 Combined chart

