

Hong Kong Public Opinion Program
Clean Air Network
Air Quality Objectives Review Survey
25 June, 2019

Contact Information

Date of Survey: June 19 - 20, 2019
Sample Size: 574 (including 402 landline and 172 mobile numbers)
Survey Method: Random telephone survey conducted by real interviewers
Target population: Cantonese-speaking Hong Kong residents aged 18 or above
Effective response rate: 58.2%
Standard error: less than 2.1% (i.e. the maximum sampling error of all percentages should be no more than +/-4.2% at 95% confidence level)
Weighting adjustment: Raw figures have been rim-weighted according to figures provided by the Census and Statistics Department. The gender-age distribution of the Hong Kong population came from "Mid-year population for 2018", while the educational attainment (highest level attended) and economic activity status distributions came from "Women and Men in Hong Kong - Key Statistics (2018 Edition)".

Frequency Results

[CANQ1] Are you satisfied with the current air quality in Hong Kong? (Probe for intensity)

		Frequency	Percent	Valid Percent
Valid	1 Very satisfied	11	2%	2%
	2 Quite satisfied	121	21%	21%
	3 Half-half	138	24%	24%
	4 Quite dissatisfied	218	38%	38%
	5 Very dissatisfied	83	14%	14%
	Don't know / Hard to say	3	<1%	<1%
	Total	574	100%	100%

[CANQ1gp] How satisfied or dissatisfied are you with the current air quality in Hong Kong (Probe for intensity) (Aggregated data)

		Frequency	Percent	Valid Percent
Valid	1 Satisfied	133	23%	23%
	3 Half-half	138	24%	24%
	4 Dissatisfied	301	52%	52%
	Don't know / Hard to say	3	<1%	<1%
	Total	574	100%	100%

[CANQ2] The Government intends to amend the Air Quality Objectives (AQOs), but decides against tightening them to meet the levels of safety suggested by the World Health Organisation. Do you agree with this decision? (Probe for intensity)

		Frequency	Percent	Valid Percent
Valid	1 Very much agree	57	10%	10%
	2 Quite agree	98	17%	17%
	3 Half-half	28	5%	5%
	4 Quite disagree	184	32%	32%
	5 Very much disagree	122	21%	21%
	Don't know / Hard to say	83	14%	15%
	Total	571	99%	100%
Missing	Refuse to answer	3	1%	
Total		574	100%	

[CANQ2gp] The Government intends to amend the Air Quality Objectives (AQOs), but decides against tightening them to meet the levels of safety suggested by the World Health Organisation. Do you agree with this decision? (Probe for intensity) (Aggregated data)

		Frequency	Percent	Valid Percent
Valid	1 Agree	154	27%	27%
	3 Half-half	28	5%	5%
	4 Disagree	306	53%	54%
	Don't know / Hard to say	83	14%	15%
	Total	571	99%	100%
Missing	Refuse to answer	3	1%	
Total		574	100%	

[CANQ3] The Government intends to amend the AQOs, but out of the seven types of monitored air pollutants, only the limits for PM2.5 and SO2 will be tightened. The tightened limits also do not meet the levels of safety suggested by the World Health Organisation. Do you agree with this decision? (Probe for intensity)

		Frequency	Percent	Valid Percent
Valid	1 Very much agree	44	8%	8%
	2 Quite agree	93	16%	16%
	3 Half-half	20	3%	4%
	4 Quite disagree	175	30%	31%
	5 Very much disagree	160	28%	28%
	Don't know / Hard to say	78	14%	14%
	Total	569	99%	100%
Missing	Refuse to answer	5	1%	
Total		574	100%	

[CANQ3gp] The Government intends to amend the AQOs, but out of the seven types of monitored air pollutants, only the limits for PM2.5 and SO2 will be tightened. The tightened limits also do not meet the levels of safety suggested by the World Health Organisation. Do you agree with this decision? (Probe for intensity) (Aggregated data)

		Frequency	Percent	Valid Percent
Valid	1 Agree	136	24%	24%
	3 Half-half	20	3%	4%
	4 Disagree	335	58%	59%
	Don't know / Hard to say	78	14%	14%
	Total	569	99%	100%
Missing	Refuse to answer	5	1%	
Total		574	100%	

[CANQ4] The Government intends to amend the AQOs. On one hand, the limit for PM2.5 will be tightened, but on the other hand, the number of allowable exceedances will be relaxed. The proposal allows each monitoring station to record an exceedance of PM2.5 levels up to 35 times every year, a significant increase from the current nine. Do you agree with this decision? (Probe for intensity)

		Frequency	Percent	Valid Percent
Valid	1 Very much agree	23	4%	4%
	2 Quite agree	53	9%	9%
	3 Half-half	9	2%	2%
	4 Quite disagree	135	24%	24%
	5 Very much disagree	283	49%	50%
	Don't know / Hard to say	67	12%	12%
	Total	570	99%	100%
Missing	Refuse to answer	4	1%	
Total		574	100%	

[CANQ4gp] [CAN Q4] The Government intends to amend the AQOs. On one hand, the limit for PM2.5 will be tightened, but on the other hand, the number of allowable exceedances will be relaxed. The proposal allows each monitoring station to record an exceedance of PM2.5 levels up to 35 times every year, a significant increase from the current nine. Do you agree with this decision? (Probe for intensity) (Aggregated data)

		Frequency	Percent	Valid Percent
Valid	1 Agree	77	13%	13%
	3 Half-half	9	2%	2%
	4 Disagree	418	73%	73%
	Don't know / Hard to say	67	12%	12%
	Total	570	99%	100%
Missing	Refuse to answer	4	1%	
Total		574	100%	

	Frequency		Mean	Sampling error (SEM*2)
	Valid	Missing		
[CANQ1] Are you satisfied with the current air quality in Hong Kong?	571	3	2.6	+/-0.1
[CANQ2] The Government intends to amend the Air Quality Objectives (AQOs), but decides against tightening them to meet the levels of safety suggested by the World Health Organisation. Do you agree with this decision?	488	86	2.6	+/-0.1
[CANQ3] Out of the seven types of monitored air pollutants, only the limits for PM2.5 and SO2 will be tightened. The tightened limits also do not meet the levels of safety suggested by the World Health Organisation.	492	82	2.4	+/-0.1
[CANQ4] On one hand, the limit for PM2.5 will be tightened, but on the other hand, the number of allowable exceedances will be relaxed. The proposal allows each monitoring station to record an exceedance of PM2.5 levels up to 35 times every year, a significant increase from the current nine.	504	70	1.8	+/-0.1

* With 1 being the lowest score and 5 the highest, the answers are quantified into 1, 2, 3, 4 or 5 marks according to their positivity. The mean value of the samples are then calculated.

A higher mean value represents a higher agreeableness.

[CANQ5] Do you think the Government's proposal will improve, deteriorate, or have no impact at all on the air quality in Hong Kong?

		Frequency	Percent	Valid Percent
Valid	1 Improve	100	17%	17%
	2 Deteriorate	262	46%	46%
	3 No impact	154	27%	27%
	Don't know / Hard to say	58	10%	10%
	Total	573	100%	100%
Missing	Refuse to answer	1	<1%	
Total		574	100%	

Demographic Profile of Respondents

Gender

		Raw sample			Weighted sample		
		Frequency	Percent	Valid Percent	Frequency	Percent	Valid Percent
Valid	1 Male	288	50%	50%	271	47%	47%
	2 Female	286	50%	50%	303	53%	53%
	Total	574	100%	100%	574	100%	100%
Missing	Refuse to answer						
Total							

Age group

		Raw sample			Weighted sample		
		Frequency	Percent	Valid Percent	Frequency	Percent	Valid Percent
Valid	18 - 29	114	20%	20%	94	16%	17%
	30 - 39	77	13%	14%	93	16%	16%
	40 - 49	88	15%	15%	99	17%	17%
	50 - 59	95	17%	17%	113	20%	20%
	60 - 69	103	18%	18%	91	16%	16%
	70 or above	92	16%	16%	78	14%	14%
	Total	569	99%	100%	569	99%	100%
Missing	Refuse to answer	5	1%		5	1%	
Total		574	100%		574	100%	

Age group (Aggregated data)

		Raw sample			Weighted sample		
		Frequency	Percent	Valid Percent	Frequency	Percent	Valid Percent
Valid	18 - 39	191	33%	34%	188	33%	33%
	40 - 59	183	32%	32%	212	37%	37%
	60 or above	169	30%	30%	169	30%	30%
	Total	569	99%	100%	569	99%	100%
Missing	Refuse to answer	5	1%		5	1%	
Total		574	100%		574	100%	

Educational attainment

		Raw sample			Weighted sample		
		Frequency	Percent	Valid Percent	Frequency	Percent	Valid Percent
Valid	1 Primary or below	65	11%	11%	109	19%	19%
	2 Secondary	214	37%	38%	270	47%	47%
	3 Post-secondary or above	289	50%	51%	189	33%	33%
	Total	568	99%	100%	568	99%	100%
Missing	Refuse to answer	6	1%		6	1%	
Total		574	100%		574	100%	

Occupation

		Raw sample			Weighted sample		
		Frequency	Percent	Valid Percent	Frequency	Percent	Valid Percent
Valid	1 Executive and professional	152	26%	27%	138	24%	24%
	2 Clerical and service worker	131	23%	23%	145	25%	26%
	3 Production worker	42	7%	7%	60	10%	11%
	4 Student	33	6%	6%	28	5%	5%
	5 Homemaker	52	9%	9%	61	11%	11%
	6 Others (incl. unemployed & retired)	156	27%	28%	134	23%	24%
	Total	566	99%	100%	566	99%	100%
Missing	Refuse to answer	8	1%		8	1%	
Total		574	100%		574	100%	