

APPENDIX 2		2015-17			2016-18			2017-19			April 2020		
		Wave 7			Wave 8			Wave 9			CA Wave		
		Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI
GHQ Problem concentrating	No	83.9	83.3	84.4	83.5	82.9	84.1	83.2	82.6	83.8	69.9	68.3	71.5
	Yes	16.2	15.6	16.7	16.5	15.9	17.1	16.8	16.2	17.5	30.1	28.5	31.7
GHQ Loss of sleep	No	85.6	85.1	86.1	83.5	82.9	84.1	83.6	83.0	84.3	74.8	73.3	76.2
	Yes	14.4	13.9	14.9	16.5	15.9	17.1	16.4	15.7	17.0	25.2	23.8	26.7
GHQ Not feeling useful	No	86.6	86.1	87.1	85.9	85.4	86.5	85.0	84.3	85.6	72.3	70.8	73.8
	Yes	13.4	12.9	13.9	14.1	13.5	14.6	15.0	14.5	15.7	27.7	26.2	29.2
GHQ Less capable of making decisions	No	91.2	90.7	91.6	90.8	90.4	91.3	90.1	89.6	90.6	86.0	84.8	87.2
	Yes	8.8	8.4	9.3	9.2	8.7	9.6	9.9	9.4	10.4	14.0	12.8	15.2
GHQ Constantly under strain	No	78.1	77.5	78.7	78.6	77.9	79.2	77.2	76.5	77.9	71.5	70.0	72.9
	Yes	21.9	21.3	22.5	21.4	20.8	22.1	22.8	22.1	23.5	28.5	27.1	30.0
GHQ Problem overcoming difficulties	No	86.8	86.3	87.3	86.3	85.7	86.8	85.5	84.9	86.1	83.9	82.8	85.1
	Yes	13.2	12.7	13.7	13.7	13.2	14.3	14.5	13.9	15.1	16.1	14.9	17.2
GHQ Less able to enjoy day-to-day activities	No	83.8	83.2	84.3	83.2	82.6	83.7	82.9	82.3	83.6	54.6	52.8	56.4
	Yes	16.2	15.7	16.8	16.8	16.3	17.4	17.1	16.5	17.7	45.4	43.6	47.2
GHQ Less able to face problems	No	90.2	89.8	90.6	89.5	89.1	90.0	89.4	88.8	89.9	85.5	84.2	86.6
	Yes	9.8	9.4	10.3	10.5	10.0	11.0	10.6	10.1	11.2	14.5	13.4	15.8
GHQ Unhappy or depressed	No	81.2	80.6	81.8	80.6	79.9	81.2	80.0	79.3	80.7	70.4	68.9	71.9
	Yes	18.8	18.2	19.4	19.5	18.8	20.1	20.0	19.3	20.7	29.6	28.1	31.2
GHQ Losing confidence	No	84.8	84.3	85.4	84.0	83.4	84.6	83.8	83.2	84.4	80.7	79.3	82.0
	Yes	15.2	14.7	15.7	16.0	15.4	16.6	16.2	15.6	16.8	19.3	18.0	20.7
GHQ Feeling worthless	No	91.6	91.2	92.0	91.0	90.5	91.5	90.8	90.3	91.3	88.5	87.3	89.6
	Yes	8.4	8.0	8.8	9.0	8.5	9.5	9.2	8.7	9.7	11.5	10.4	12.7
GHQ Feeling less happy	No	86.4	85.9	87.0	86.0	85.5	86.6	85.2	84.6	85.8	75.9	74.4	77.4
	Yes	13.6	13.1	14.1	14.0	13.4	14.5	14.8	14.2	15.4	24.1	22.6	25.6

GHQ-12 case (4+ cut-off)	Wave 7			Wave 8			Wave 9			CA Wave		
	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI
Age group												
18-24	20.5	18.7	22.4	20.3	18.4	22.5	24.0	21.9	26.3	44.0	38.6	49.6
25-44	19.4	18.3	20.5	20.3	19.1	21.5	22.0	20.7	23.4	37.8	34.8	40.9
45-64	18.2	17.3	19.1	19.8	18.8	20.8	20.1	19.1	21.2	28.1	26.0	30.3
65+	12.8	11.8	13.9	14.9	14.0	16.0	12.7	11.7	13.7	19.2	16.5	22.2
Gender												
Male	14.7	13.9	15.5	15.8	14.9	16.6	15.5	14.6	16.5	24.0	21.7	26.5
Female	20.3	19.5	21.0	21.7	20.9	22.6	23.0	22.0	23.9	36.8	34.8	38.8
Ethnicity												
White	17.5	16.9	18.1	18.8	18.2	19.5	19.2	18.5	20.0	30.2	28.6	31.9
Asian	17.6	15.6	19.7	16.8	14.6	19.2	18.7	16.4	21.2	34.9	27.3	43.2
Black	19.6	16.6	22.8	19.1	15.7	23.0	21.2	16.4	26.8	29.2	14.7	49.8
Mixed	21.8	17.3	27.2	27.2	21.5	33.6	30.8	24.3	38.1	39.7	23.9	58.0
Other	19.0	13.4	26.2	25.6	17.2	36.3	23.9	15.4	35.1	40.9	21.9	63.2
Education level												
Degree	16.3	15.4	17.2	17.3	16.4	18.4	18.0	17.0	19.1	30.6	28.8	32.5
ALevel	17.6	15.7	19.7	19.7	17.5	22.1	20.7	18.5	23.1	30.7	26.7	35.0
GCSE	17.6	16.5	18.8	19.0	17.9	20.2	19.5	18.2	21.0	28.6	25.5	31.9
None	18.0	16.9	19.2	20.1	18.8	21.4	18.5	17.2	19.9	25.5	20.4	31.2

Loneliness	Wave 9			CA Wave			
	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI	
Age group							
	18-24	13.3	11.6	15.3	20.2	16.0	25.2
	25-44	10.0	9.1	11.0	9.8	8.1	11.7
	25-64	7.9	7.2	8.7	7.3	5.9	9.0
	65+	5.5	4.8	6.3	4.6	3.2	6.5
Gender							
	Male	7.6	7.0	8.3	6.5	5.3	8.0
	Female	9.5	8.8	10.2	10.9	9.5	12.5
Ethnicity							
	White	8.5	8.0	9.1	8.7	7.7	9.8
	Asian	8.3	6.8	10.2	9.6	6.5	14.0
	Black	8.4	6.0	11.7	5.4	2.5	11.2
	Mixed	15.1	10.2	21.7	16.9	4.8	45.1
	Other	8.2	2.6	23.2	5.3	0.6	34.1
Education level							
	Degree	6.3	5.6	7.0	7.0	5.7	8.6
	A Level	9.0	7.5	10.8	8.1	5.8	11.2
	GCSE	9.4	8.4	10.4	6.5	5.3	8.1
	None	8.9	7.9	9.9	9.2	6.5	12.9

Binge drinking	Wave 7			Wave 9			CA Wave		
	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI
Age group									
18-24	13.1	11.6	14.7	12.6	11.0	14.5	12.6	9.2	17.1
25-44	11.7	10.8	12.6	11.2	10.2	12.2	19.7	17.5	22.1
45-64	13.7	12.9	14.6	12.6	11.7	13.5	18.1	16.5	19.8
65+	7.2	6.5	8.0	6.7	6.0	7.6	10.1	8.1	12.5
Gender									
Male	16.0	15.2	16.8	14.3	13.4	15.1	18.8	16.9	20.7
Female	7.4	6.9	7.9	7.6	7.1	8.2	13.8	12.6	15.0
Ethnicity									
White	12.2	11.7	12.8	11.4	10.8	12.0	17.2	16.0	18.5
Asian	1.9	1.3	2.6	2.8	1.6	4.8	2.2	1.3	3.6
Black	3.5	2.5	4.8	4.2	2.6	6.5	5.0	2.7	9.2
Mixed	8.7	5.9	12.8	7.7	4.9	11.8	14.5	7.3	26.7
Other	3.4	1.6	7.5	2.8	0.8	9.8	16.4	8.1	30.4
Education level									
Degree	9.3	8.6	10.1	9.2	8.4	10.0	17.1	15.5	18.8
ALevel	13.0	11.3	14.9	11.0	9.3	13.0	18.4	15.2	22.1
GCSE	13.6	12.6	14.6	12.7	11.7	13.9	18.6	16.3	21.2
None	11.4	10.4	12.4	10.2	9.2	11.3	11.7	9.6	14.3

Drinking 4+ times per week	Wave 7			Wave 9			CA Wave		
	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI
Age group									
18-24	3.8	3.0	4.9	4.4	3.4	5.6	9.5	7.0	12.7
25-44	8.2	7.5	9.0	8.0	7.1	8.9	17.7	15.6	20.0
45-64	16.4	15.5	17.4	16.9	15.9	17.9	24.7	22.7	26.9
65+	17.9	16.7	19.1	20.7	19.4	22.1	28.8	25.5	32.4
Gender									
Male	16.8	16.0	17.6	17.6	16.7	18.6	26.0	23.7	28.4
Female	9.2	8.6	9.8	10.1	9.5	10.7	18.2	16.9	19.6
Ethnicity									
White	13.6	13.1	14.2	14.5	13.9	15.2	23.6	22.1	25.2
Asian	2.3	1.7	3.1	2.9	2.1	4.0	2.9	1.8	4.7
Black	3.4	2.4	4.8	3.0	2.0	4.5	8.0	4.6	13.6
Mixed	9.8	6.4	14.9	6.4	3.9	10.2	8.0	4.0	15.4
Other	3.6	1.5	8.7	9.4	4.8	17.7	19.1	9.7	34.4
Education level									
Degree	16.3	15.4	17.3	17.0	16.0	18.1	27.1	25.2	29.1
ALevel	14.8	13.0	16.7	14.2	12.3	16.2	21.6	18.2	25.4
GCSE	12.9	11.9	13.9	14.1	13.0	15.2	20.9	18.3	23.8
None	11.3	10.4	12.4	12.8	11.7	14.1	20.5	16.6	25.0

5+ drinks on typical drinking day	Wave 7			Wave 9			CA Wave		
	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI
Age group									
18-24	32.8	30.5	35.1	31.9	29.5	34.5	8.5	5.4	13.2
25-44	17.9	16.8	19.1	18.1	16.8	19.5	6.9	5.4	8.9
45-64	10.3	9.6	11.1	11.2	10.3	12.1	6.0	5.1	7.0
65+	2.6	2.2	3.1	2.7	2.2	3.2	1.7	1.2	2.3
Gender									
Male	17.1	16.2	18.0	16.8	15.8	17.8	7.6	6.3	9.2
Female	9.9	9.3	10.5	10.7	10.0	11.5	3.6	3.1	4.3
Ethnicity									
White	14.0	13.4	14.6	14.2	13.5	14.9	5.8	5.0	6.6
Asian	3.4	2.2	5.3	3.9	2.6	5.9	0.6	0.3	1.3
Black	5.7	3.6	8.8	6.3	3.5	11.1	0.8	0.4	1.7
Mixed	18.2	13.5	24.1	21.7	15.2	29.9	15.2	5.4	36.0
Other	6.0	2.5	13.8	9.0	4.1	18.5	2.7	0.3	22.9
Education level									
Degree	8.3	7.6	9.1	9.2	8.4	10.1	4.6	3.8	5.4
ALevel	14.8	13.0	16.8	14.7	12.7	17.0	6.4	4.8	8.5
GCSE	14.4	13.4	15.5	14.2	13.0	15.5	6.5	4.9	8.7
None	9.9	9.0	10.8	9.9	8.8	11.1	4.0	2.8	5.5

Current cigarette smoking	Wave 7			Wave 8			Wave 9			CA Wave		
	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI
Age group												
18-24	19.4	17.5	21.5	18.7	16.7	20.8	16.2	14.3	18.4	9.9	7.0	14.0
25-44	21.6	20.4	22.9	20.1	18.8	21.5	19.0	17.6	20.5	15.5	12.9	18.3
45-64	18.0	17.0	19.0	17.0	16.0	18.1	16.1	15.0	17.2	14.5	12.1	17.3
65+	8.9	8.1	9.8	9.0	8.2	10.0	8.1	7.2	9.0	4.8	3.6	6.3
Gender												
Male	18.1	17.2	18.9	17.1	16.2	18.0	15.7	14.7	16.7	12.0	10.1	14.2
Female	16.3	15.6	17.1	15.6	14.8	16.4	14.5	13.7	15.3	12.2	10.5	14.0
Ethnicity												
White	17.6	16.9	18.3	16.7	16.0	17.5	15.4	14.6	16.2	12.0	10.7	13.6
Asian	8.2	6.9	9.8	7.8	6.5	9.3	8.4	6.9	10.3	5.2	3.3	8.3
Black	12.7	10.2	15.7	12.9	10.1	16.3	11.5	8.4	15.6	24.7	9.5	50.8
Mixed	22.7	17.9	28.4	18.7	14.0	24.5	21.8	15.6	29.7	16.6	8.0	31.1
Other	15.9	10.0	24.3	13.6	7.4	23.8	11.6	5.6	22.7	24.7	13.1	41.7
Education level												
Degree	8.8	8.1	9.6	8.2	7.5	9.0	7.7	7.0	8.5	6.0	5.0	7.2
ALevel	16.9	15.0	19.0	15.3	13.4	17.4	14.4	12.5	16.7	11.1	8.3	14.7
GCSE	22.7	21.4	24.0	21.6	20.3	23.0	20.2	18.8	21.7	18.3	15.3	21.7
None	22.6	21.3	24.0	21.9	20.5	23.4	20.6	19.1	22.2	17.8	13.7	23.0

Regular e-cigarettes	Wave 8			Wave 9			CA Wave			
	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI	Percentage	Lower 95% CI	Upper 95% CI	
Age group										
	18-24	3.3	2.4	4.4	4.3	3.2	5.7	3.9	1.5	9.9
	25-44	5.8	5.2	6.6	6.9	6.1	7.8	7.6	5.7	10.1
	45-64	4.9	4.3	5.5	5.2	4.6	5.9	4.1	3.4	5.1
	65+	1.9	1.6	2.4	2.1	1.7	2.6	2.3	1.2	4.5
Gender										
	Male	5.0	4.5	5.6	5.6	5.1	6.3	5.8	4.4	7.4
	Female	3.6	3.3	4.0	4.2	3.7	4.7	3.8	2.9	4.9
Ethnicity										
	White	4.5	4.1	4.9	5.0	4.6	5.5	4.8	4.0	5.7
	Asian	2.0	1.4	3.0	2.3	1.5	3.5	1.8	0.7	4.3
	Black	1.8	1.0	3.5	2.4	1.3	4.7	0.1	0.0	0.7
	Mixed	3.8	2.2	6.7	7.3	3.8	13.6	17.6	4.6	48.8
	Other	4.5	1.6	11.8	4.9	1.7	13.3	1.7	0.2	12.1
Education level										
	Degree	2.9	2.5	3.4	3.4	2.9	3.9	3.0	2.4	3.8
	ALevel	5.3	4.1	6.7	5.9	4.7	7.5	4.8	3.1	7.4
	GCSE	6.0	5.3	6.8	6.6	5.8	7.5	7.0	5.1	9.5
	None	4.7	4.1	5.5	5.3	4.5	6.2	5.4	3.3	8.8