

SUPPLEMENTARY MATERIAL

Minority ethnicity patient satisfaction and experience: the results of the National Cancer Patient Experience Survey in England

Running title: Ethnicity and cancer patient experience in England

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Key words: patient experience; quality; cancer; health services.

Supplementary Table 1: Sensitivity analysis; sociodemographic characteristics of population and overall satisfaction with NHS cancer care with univariate and multivariate logistic regression, n = 133,265.

	Excellent or Very Good		OR	(95% CI)	AOR*	(95% CI)
	n					
Sex (%)						
- Male	55 528	(89.1)	1.00		1.00	
- Female	62 674	(88.4)	0.93	(0.90-0.96)	0.98	(0.94-1.01)
			p-value	<0.001	p-value	0.29
Age Group						
- Under 30	852	(87.4)	0.79	(0.65-0.96)	0.96	(0.78-1.17)
- 30-44	4739	(85.6)	0.68	(0.63-0.74)	0.83	(0.76-0.91)
- 45-59	23 624	(86.8)	0.75	(0.72-0.79)	0.85	(0.81-0.91)
- 60-74	55 875	(89.7)	1.00		1.00	
- 75-89	30 461	(89.2)	0.95	(0.91-0.99)	0.92	(0.87-0.96)
- 90 plus	1160	(84.7)	0.63	(0.55-0.74)	0.62	(0.53-0.72)
			p-value [†]	<0.001	p-value [†]	0.64
Ethnic group						
<i>White</i>						
- British	99 379	(89.3)	1.00		1.00	
- Irish	934	(89.3)	1.00	(0.82-1.21)	0.99	(0.81-1.21)
- Any other white background	2630	(84.0)	0.63	(0.57-0.69)	0.66	(0.60-0.73)
<i>Black</i>						
- African	419	(77.9)	0.42	(0.34-0.52)	0.51	(0.41-0.64)
- Caribbean	659	(77.3)	0.41	(0.35-0.48)	0.46	(0.39-0.54)
- White and Black African	63	(84.0)	0.63	(0.34-1.16)	0.95	(0.45-1.99)
- White and Black Caribbean	97	(82.2)	0.55	(0.34-0.88)	0.61	(0.38-1.00)
- Any other Black background	234	(78.0)	0.42	(0.32-0.56)	0.47	(0.36-0.62)
<i>Asian</i>						
- Bangladeshi	74	(63.3)	0.21	(0.14-0.30)	0.27	(0.18-0.40)
- Indian	760	(72.0)	0.31	(0.27-0.35)	0.33	(0.28-0.37)
- Pakistan	306	(73.7)	0.33	(0.27-0.42)	0.40	(0.32-0.50)
- White and Asian	85	(81.7)	0.53	(0.32-0.88)	0.60	(0.35-1.01)
- Any other Asian background	444	(76.6)	0.39	(0.32-0.47)	0.46	(0.38-0.57)
<i>Other</i>						
- Chinese	194	(72.7)	0.32	(0.24-0.42)	0.35	(0.26-0.46)
- Any other mixed background	130	(82.8)	0.57	(0.38-0.87)	0.65	(0.42-1.00)
- Any other ethnic group	852	(81.7)	0.53	(0.45-0.62)	0.61	(0.51-0.71)
			p-value [‡]	<0.001	p-value [‡]	<0.001
IMD Quintile						
- First (least deprived)	28 901	(90.0)	1.14	(1.08-1.20)	1.11	(1.05-1.17)

- Second	28 268	(89.3)	1.06	(1.00-1.12)	1.04	(0.98-1.09)
- Third	25 099	(88.7)	1.00		1.00	
- Fourth	19 889	(87.5)	0.89	(0.84-0.94)	0.94	(0.89-0.99)
- Fifth (most deprived)	15 358	(86.6)	0.82	(0.78-0.87)	0.93	(0.88-0.99)
			p-value [†]	<0.001	p-value [†]	<0.001
Employment status						
- Full time	19 242	(88.4)	0.87	(0.85-0.93)	0.98	(0.92-1.05)
- Part time	10 459	(89.1)	0.95	(0.89-1.01)	1.00	(0.93-1.09)
- Retired	73 325	(89.6)	1.00		1.00	
- Other	12 544	(84.4)	0.63	(0.60-0.66)	0.74	(0.70-0.79)
			p-value [‡]	<0.001	p-value [‡]	<0.001

* Adjusted for sex, age group, ethnicity, IMD quintile and employment status.

[†] - For trend; [‡] - For heterogeneity