

Supplementary Tables

Table 1S. Sociodemographic characteristics of survey respondents stratified by race/ethnicity: HINTS 2018

Study sample	Race/ethnicity					p-value
	Total	NHW	NHB	Hispanic	Other	
Unweighted population	3194	1861	408	425	500	
Weighted population	229591005	139548102	23035220	33905701	33101982	
Characteristics						
Knowledge of palliative care						< 0.001
No knowledge	2097 (71)	1098 (65.5)	310 (75)	334 (84.5)	355 (77.9)	
Inadequate knowledge	668 (18.1)	481 (22.6)	60 (14.3)	53 (9.2)	74 (10.9)	
Adequate knowledge	429 (10.9)	282 (11.9)	38 (10.7)	38 (6.3)	71 (11.2)	
Age group						< 0.001
18-49	1013 (51.2)	540 (48.3)	131 (50.2)	190 (65.6)	152 (49.5)	
50-64	1046 (29.8)	607 (29.7)	157 (37.9)	134 (25.1)	148 (29.2)	
65+	1135 (19)	714 (22)	120 (11.8)	101 (9.3)	200 (21.3)	
Gender						0.407
Male	1298 (48.7)	797 (49.4)	138 (43.7)	170 (50.2)	193 (47.7)	
Female	1896 (51.3)	1064 (50.6)	270 (56.3)	255 (49.8)	307 (52.3)	
Region						< 0.001
Northeast	480 (17.9)	290 (17.3)	48 (12.7)	58 (15.2)	84 (27)	
Midwest	577 (21.2)	401 (25.8)	77 (18)	26 (11.6)	73 (13.9)	
South	1372 (37.3)	750 (35.6)	247 (61.7)	166 (28.6)	209 (36.3)	
West	765 (23.6)	420 (21.4)	36 (7.6)	175 (44.7)	134 (22.8)	
Education						< 0.001
Less than high school	806 (30.1)	370 (24.4)	123 (37.4)	168 (46.1)	145 (32.6)	
High school graduate	208 (8.5)	121 (8.7)	27 (5.9)	29 (9.8)	31 (8.6)	
College or more	2180 (61.4)	1370 (67)	258 (56.7)	228 (44.2)	324 (58.8)	
Marital status						< 0.001
Single	1625 (52.6)	1041 (57.1)	130 (32.6)	222 (53)	232 (47.2)	
Divorced/widowed/separated	991 (16.2)	567 (16.6)	146 (19.7)	107 (11.4)	171 (16.9)	
Married	578 (31.2)	253 (26.3)	132 (47.7)	96 (35.7)	97 (35.9)	
Family income						< 0.001
Less than \$20,000	518 (15.8)	217 (12.2)	118 (31.1)	93 (16.6)	90 (19.4)	
\$20,000 to < \$35,000	391 (10.7)	227 (10.9)	59 (12.8)	50 (11)	55 (8.2)	
\$35,000 to < \$50,000	379 (12.2)	201 (10.6)	61 (12.9)	61 (17.3)	56 (13.3)	
\$50,000 to < \$75,000	542 (16.8)	347 (18.2)	53 (8.8)	67 (16.8)	75 (16.7)	
\$75,000 or more	1054 (36.3)	729 (42)	80 (26.3)	118 (31.2)	127 (24.5)	
Unknown	310 (8.2)	140 (6.1)	37 (8.1)	36 (7.3)	97 (17.9)	
Employment						0.184
Employed	1605 (57.7)	931 (57)	199 (62.2)	246 (63.5)	229 (51.9)	
Not employed	1589 (42.3)	930 (43)	209 (37.8)	179 (36.5)	271 (48.1)	
Health insurance						0.001
Yes	3027 (91.4)	1791 (94.2)	384 (87.9)	383 (85.4)	469 (88.2)	
No	167 (8.6)	70 (5.8)	24 (12.1)	42 (14.6)	31 (11.8)	
General health						0.027
Excellent	386 (15.1)	262 (17.1)	25 (11.6)	45 (10.8)	54 (13.1)	

Very good	1184 (35.3)	754 (37.5)	130 (31)	138 (32.2)	162 (32)	
Good	1115 (34.8)	593 (33.3)	171 (38.1)	164 (36.8)	187 (36.7)	
Fair	419 (12.1)	203 (9.7)	73 (16.9)	65 (16.6)	78 (14.3)	
Poor	90 (2.7)	49 (2.3)	9 (2.4)	13 (3.6)	19 (3.8)	
Diagnosed with cancer						< 0.001
Yes	539 (9.2)	378 (11.5)	47 (4.4)	38 (5.6)	76 (6.9)	
No	2655 (90.8)	1483 (88.5)	361 (95.6)	387 (94.4)	424 (93.1)	
Family history of cancer						< 0.001
Yes	2303 (70.8)	1464 (77.7)	268 (65.1)	253 (56.2)	318 (60.7)	
No	643 (21.3)	302 (17.9)	88 (23.8)	126 (29.8)	127 (24.9)	
Not sure	248 (7.9)	95 (4.4)	52 (11.1)	46 (14)	55 (14.3)	

Table 2S. Predictors of knowledge of Palliative Care Using Logistic Regression, Reduced Model

Characteristics	Northeast		Midwest		South		West	
	OR (95% CI)	p-value	OR (95% CI)	p-value	OR (95% CI)	p-value	OR (95% CI)	p-value
Age group								
18-49	1		1					
50-64	1.41 (0.72-2.76)	0.306	3.2 (1.37-7.45)	0.008	0.93 (0.49-1.76)	0.812	1.79 (1.08-2.96)	0.024
65+	1.4 (0.74-2.65)	0.298	2.06 (0.91-4.66)	0.081	0.99 (0.57-1.72)	0.973	2.1 (1.24-3.54)	0.006
Gender								
Male	1		1					
Female	1.63 (0.79-3.36)	0.180	3.05 (1.5-6.21)	0.003	2.32 (1.59-3.39)	<.001	1.59 (0.86-2.96)	0.139
Race/ethnicity								
Non-Hispanic white	1		1					
Non-Hispanic black	0.83 (0.26-2.66)	0.751	0.85 (0.27-2.65)	0.768	0.59 (0.31-1.14)	0.116	1.47 (0.15-14.17)	0.736
Hispanic	0.26 (0.1-0.68)	0.007	0.21 (0.02-2)	0.169	0.31 (0.15-0.62)	0.001	0.88 (0.33-2.39)	0.799
Other	0.68 (0.33-1.41)	0.297	1.27 (0.45-3.6)	0.650	0.4 (0.22-0.7)	0.002	0.48 (0.22-1.03)	0.059
Education								
Less than high school	1		1					
High school graduate	1.08 (0.09-13.24)	0.950	0.83 (0.05-14.38)	0.897	5.13 (0.83-31.55)	0.077	0.45 (0.01-17.58)	0.666
Some college	5.69 (0.35-91.91)	0.215	1.51 (0.07-31.34)	0.788	21.04 (3.02-146.7)	0.003	4.39 (0.09-211.1)	0.447
College or higher	4.58 (0.39-53.62)	0.220	3.16 (0.19-54.13)	0.419	14.68 (2.54-85.0)	0.003	3.34 (0.09-122.5)	0.505
Marital status								
Single	1		1					
Divorced/widowed/separated	0.75 (0.39-1.45)	0.389	0.56 (0.29-1.08)	0.081	0.94 (0.66-1.35)	0.746	1.34 (0.55-3.22)	0.513
Married	0.97 (0.39-2.45)	0.952	0.38 (0.12-1.22)	0.102	0.48 (0.27-0.84)	0.011	0.84 (0.47-1.5)	0.545

Table 3S. Survey respondents' knowledge of Goal of Palliative Care by race/ethnicity.

Race	Total n	NHW n (Col. %)	NHB n (Col. %)	Hispanic n (Col. %)	Other n (Col. %)	P-Value
Help friends and family to cope with a patient's illness						0.848
Agree/somewhat agree	949	658 (87.1%)	89 (88.4%)	80 (86%)	122 (84.2%)	
Disagree/don't know	111	83 (9.3%)	6 (5.4%)	10 (10.4%)	12 (6.8%)	
Offer social and emotional support						0.297
Agree/somewhat agree	974	684 (90.9%)	88 (90.4%)	83 (92.3%)	119 (79%)	
Disagree/don't know	82	55 (5.1%)	5 (6.2%)	7 (4.1%)	15 (11.7%)	
Manage pain and other physical symptoms						0.656
Agree/somewhat agree	1004	703 (93.3%)	91 (91.3%)	84 (92.4%)	126 (85%)	
Disagree/don't know	65	46 (4.5%)	4 (5.8%)	6 (4%)	9 (5.7%)	
Give patients more time at the end of life						0.692
Agree/somewhat agree	605	403 (53.8%)	54 (50.7%)	58 (61.4%)	90 (62.7%)	
Disagree/don't know	446	332 (41.3%)	38 (40.2%)	31 (34.7%)	45 (30.5%)	

Table 4S. Survey respondents' Misconceptions of Palliative Care by geographic race/ethnicity

Race/ethnicity	Total n	NHW n (Col.%)	NHB n (Col.%)	Hispanic n (Col.%)	Other n (Col.%)	P-Value
Accepting palliative care means giving up						0.061
Agree/somewhat agree	157	113 (13.3%)	7 (5.1%)	13 (16.2%)	24 (24.3%)	
Disagree/don't know	910	635 (84.8%)	87 (85%)	75 (79.7%)	113 (71.4%)	
It's a doctor's obligation to inform all patients with cancer about the option of palliative care						0.381
Agree/somewhat agree	901	637 (84.6%)	76 (67.9%)	75 (68.6%)	113 (78.8%)	
Disagree/don't know	175	117 (13.8%)	17 (23.6%)	15 (27.8%)	26 (17.1%)	
If you accept palliative care, you must stop other treatments						0.226
Agree/somewhat agree	148	94 (11.8%)	9 (9.3%)	16 (18.5%)	29 (21.9%)	
Disagree/don't know	926	659 (86.4%)	85 (82.3%)	74 (77.9%)	108 (72.8%)	
Palliative care is the same as hospice care						0.321
Agree/somewhat agree	346	226 (28.3%)	34 (37.2%)	32 (37.5%)	54 (38.2%)	
Disagree/don't know	725	523 (70.1%)	62 (60.3%)	57 (58.4%)	83 (58.8%)	
When I think palliative care, I automatically think of death						0.468
Agree/somewhat agree	436	321 (43.5%)	28 (30.7%)	30 (32.4%)	57 (42.7%)	
Disagree/don't know	640	431 (55.1%)	67 (66.4%)	60 (64%)	82 (52.3%)	

Table 5S. Survey Respondents' Information Source of Seeking Knowledge of Palliative Care by Race/ethnicity.

Information Source	Total n	NHW n (Col. %)	NHB n (Col. %)	Hispanic n (Col. %)	Other n (Col. %)	P-Value
The first source						0.008
Printed materials	13	9 (0.8%)	2 (1.7%)	1 (0.6%)	1 (1.3%)	
Health care provider	635	431 (53%)	58 (54.7%)	44 (48.1%)	102 (70.7%)	
Conversations with people you trust	76	63 (7.8%)	2 (1.7%)	7 (4.8%)	4 (2.4%)	
Online (Internet and social media)	295	216 (32%)	26 (28.3%)	28 (36.7%)	25 (17.8%)	
Unknown	78	44 (6.3%)	10 (13.6%)	11 (9.8%)	13 (7.9%)	
The most trusted source						0.388
Printed materials	13	8 (1.1%)	1 (0.3%)	3 (2.8%)	1 (0.2%)	
Health care provider	876	614 (79.5%)	78 (77.6%)	63 (77.4%)	121 (82.1%)	
Conversations with people you trust	75	58 (6.4%)	3 (5.9%)	8 (7.7%)	6 (6.4%)	
Online (Internet and social media)	81	56 (9.4%)	11 (8.2%)	6 (3%)	8 (6.7%)	
Unknown	52	27 (3.6%)	5 (8%)	11 (9.1%)	9 (4.7%)	