

Appendix 1. Characteristics of study population between non-cancer and cancer patients by age group

	All Adults Age ≥ 18 years			Age 18-64 years			Age ≥ 65 years		
	No cancer	Any cancer		No cancer	Any cancer		No cancer	Any cancer	
n= sample size	114,683	6,799		98,722	3,269		15,961	3,530	
N= population size	219,658,988	17,244,586	<i>P</i> ^a	185,586,261	7,869,226	<i>P</i> ^a	34,072,727	9,375,340	<i>P</i> ^a
Age									
Total (mean)	45.5	64.2	< .001	40.3	51.5	< .001	73.9	74.9	< .001
18-39 (%)	41.2	6.3	< .001	48.7	13.9	< .001			
40-64 (%)	43.3	39.3		51.3	86.1				
65+ (%)	15.5	54.4					100.0	100.0	
Sex (%)			< .001			< .001			< .001
Men	48.4	46.1		49.6	39.0		42.1	52.1	
Women	51.6	53.9		50.4	61.0		57.9	47.9	
Race/ethnicity (%)			< .001			< .001			< .001
White, non-Hispanic	64.4	85.7		62.4	81.7		75.2	89.1	
Black, non-Hispanic	12.0	6.1		12.4	7.4		9.7	5.1	
Hispanic	15.7	5.2		17.0	7.4		8.6	3.4	
Other, non-Hispanic	7.9	3.0		8.2	3.6		6.5	2.4	
Married (%)	51.8	62.3	< .001	51.5	64.8	< .001	53.6	60.1	< .001
Education (%) ^b			< .001			< .001			< .001
< High School	10.4	6.7		9.8	5.4		13.8	4.9	
High School graduate	32.8	31.7		31.9	27.8		37.4	35.2	
Some college or more	56.8	61.6		58.3	66.8		48.8	57.0	
Poverty status (%) ^c			< .001			< .001			< .001
Poor/low income	31.0	26.9		30.5	23.9		33.8	29.5	
Middle income	30.2	25.9		30.3	26.1		29.5	26.5	
High income	38.8	47.2		39.2	51.0		36.7	44.0	
No. of chronic conditions (%)			< .001			< .001			< .001
0	50.3	18.3		57.3	31.6		11.9	7.1	
1	24.5	25.0		24.8	29.9		22.8	20.9	
≥2	25.2	56.7		17.9	38.6		65.3	72.0	
Health insurance (%)			< .001			< .001			< .001
Any private	67.2	69.8		70.1	77.8		51.1	63.2	
Public only	18.6	27.0		11.9	15.2		48.3	36.8	
Uninsured	15.3	3.2		18.0	7.0		0.6	0.0	
Age ≥ 65 years,									< .001
Medicare only							37.1	30.3	
Medicare and private							50.0	62.2	
Medicare and public							11.2	6.6	
No Medicare and any private/public							1.1	0.9	

^a P-values reflect two-sample t-test or chi-square test for differences from those without a history of cancer (No cancer group).

^b Missing cases were not included.

^c Poverty status was constructed by dividing family income by the applicable poverty line based on family size and composition: Poor/low income (less than 200%), middle income (200% to less than 400%), and high income (greater than or equal 400%).