

Appendix 1

Table 1. Awareness and correct responses toward risk factors and signs/symptoms of cancers according to gender n=1501(%)

Statement	Items	Correct response, n (%)		P-value**	Overall Score n (%)		
		Female (n=751)	Male (n=750)		Awareness < 50%	Awareness 50-75%	Awareness >75%
General Risk Factors (12 items)	Smoking	658(87.6)	606(80.8)	0.001	486(32.4)	442(29.4)	573(38.2)
	Alcohol	568(75.6)	469(62.5)	0.001			
	Opium	523(69.6)	442(58.9)	0.001			
	Genetics	631(84)	512(68.2)	0.001			
	Exposure to radiation	603(80.3)	533(71.1)	0.001			
	Virus/bacteria	482(64.2)	447(59.6)	0.008			
	Obesity	510(67.9)	420(56)	0.001			
	Industrial pollution	569(75.8)	504(67.2)	0.001			
	Air pollution	567(75.5)	523(69.7)	0.034			
	Stress	602(80.2)	520(69.3)	0.001			
	Mobile	548(73)	441(58.8)	0.001			
	Not exercising	385(51.3)	317(42.3)	0.001			
Nutritional Risk Factors (9 items)	Fatty food	566(75.4)	502(66.9)	0.001	535(35.6)	474(34.6)	492(32.8)
	Artificial sweeteners	504(67.1)	461(61.5)	0.008			
	Grilled meat	480(63.9)	371(49.5)	0.001			
	Hormones in meat/poultry	587(78.2)	515(68.7)	0.001			
	Sausages	622(82.8)	568(75.7)	0.003			
	Salt and pickle	439(58.5)	374(49.9)	0.001			
	Canned foods	589(78.4)	524(69.9)	0.001			
	Coffee	273(36.4)	215(28.7)	0.001			
	Fruits and Vegetables	377(50.2)	283(37.7)	0.001			
Signs and Symptoms (10 items)	Mass in any part of the body	575(76.6)	411(54.8)	0.001	535(35.6)	520(34.6)	446(29.7)
	Bleeding	521(69.1)	435(58)	0.001			
	Vague pain	514(68.4)	395(52.7)	0.001			
	Problems with digestion	445(59.3)	412(54.9)	0.19			
	Difficulty swallowing	456(60.7)	432(57.6)	0.29			
	Changes in the shape of moles	458(61)	409(54.5)	0.017			
	Change in urine and feces habit	439(58.5)	399(53.2)	0.11			
	Weight loss	517(68.8)	447(59.6)	0.001			
	Hoarseness/voice change/unusual cough	450(55.4)	363(44.6)	0.001			
	Not healing the sore in the body for more than 3 weeks	492(65.5)	412(54.9)	0.001			

Chi-square test; P<0.05 significance level. Mean $\pm$ SD (MD) for (General Risk Factors:0.67 $\pm$ 0.25; Nutritional Risk Factors:0.61 $\pm$ 0.25; Signs and Svmptoms:0.59 $\pm$ 0.26)

Appendix 2

Table 2. Compares the score of screenable cancers awareness across various demographic and lifestyle variables

Variables		BC score		P value	CC score		P value	CRC score		P value	PC score		P- value
		<average n(%)	>average n(%)		<average n(%)	>average n(%)		<average n(%)	>average n(%)		<average n(%)	>average n(%)	
Age	<50	333(59.4)	228(40.6)	0.17	407(72.5)	154(27.5)	0.21	696(66.2)	356(33.8)	0.085	376(76.9)	113(23.1)	0.006
	50-60	74(53.6)	64(46.4)		96(69.6)	42(30.4)		186(63.7)	106(36.3)		99(64.3)	55(35.7)	
	≥60	25(48.1)	27(51.9)		32(61.5)	20(38.5)		116(73.9)	41(26.1)		81(77.1)	24(22.9)	
Material status	Single	121(56)	95(44)	0.59	145(67.1)	71(32.9)	0.11	266(67.7)	127(32.3)	0.55	135(76.3)	421(73.7)	0.49
	Married	311(58.1)	224(41.9)		390(72.9)	145(27.1)		732(66.1)	376(33.9)		42(23.7)	150(26.3)	
Job status	Unemployed	61(55.5)	49(45.5)	0.68	68(61.8)	42(38.2)	0.01	164(74.5)	56(25.5)	0.04	89(80.9)	21(19.1)	0.32
	Employment	340(57.5)	251(42.5)		433(73.3)	158(26.7)		711(67.5)	342(32.5)		352(76.5)	108(23.5)	
Education	Illiterate	8(30.8)	18(69.2)	0.001	14(53.8)	12(46.2)	0.19	47(97.9)	1(2.1)	0.001	20(90.9)	2(9.1)	0.001
	Under	94(45.2)	114(54.8)		145(69.7)	63(30.3)		339(79)	90(21)		185(83.7)	36(16.3)	
	Diploma	147(58.3)	105(41.7)		182(72.2)	70(27.8)		319(63.8)	181(36.2)		185(74.9)	62(25.1)	
	Diploma	183(69.1)	82(30.9)		194(73.2)	71(26.8)		293(55.9)	231(44.1)		166(64.3)	92(35.7)	
	University												
Use of cigarettes	Yes	1(50)	1(50)	0.66*	0(0)	2(100)	0.08*	128(69.6)	56(33.9)	0.34	128(70.7)	53(29.3)	0.20
	No	431(57.5)	318(42.5)		535(71.4)	214(28.6)		870(66.1)	447(30.4)		428(75.5)	139(24.5)	
Alcohol consumption	Yes	2(50)	2(50)	0.56*	2(50)	2(50)	0.32*	64(63.4)	37(36.6)	0.49	61(62.9)	36(37.1)	0.006
	No	430(57.6)	317(42.4)		533(71.3)	214(28.7)		934(66.7)	466(33.6)		495(76)	156(24)	
Habitat	Urban	300(58)	217(42)	0.67	370(71.6)	147(28.4)	0.76	625(66.6)	313(33.4)	0.88	311(74.2)	108(25.8)	0.94
	Rural	132(56.4)	102(43.6)		165(70.5)	69(29.5)		373(66.3)	190(33.7)		245(74.5)	84(25.5)	
Body Mass Index	19-25	182(59.5)	124(40.5)	0.14	221(72.2)	85(27.8)	0.851	419(65.1)	225(34.9)	0.01	243(72.1)	94(27.9)	0.40
	25-30	172(59.7)	116(40.3)		208(72.2)	80(27.8)		404(64.5)	222(35.5)		258(76.6)	79(23.4)	
	≥30	74(50.7)	72(49.3)		102(69.9)	44(30.1)		155(75.6)	50(24.4)		43(72.9)	16(27.1)	
BC; Breast Cancer, CC; Cervical Cancer, PC; Prostate Cancer, CRC; Colorectal cancer*Fisher's exact test and other tests Pearson chi-squared test; P<0.05 significance level. Mean ±SD (MD) for (BC:0.18±0.22; CC:0.06±0.12; CRC:0.62±1.04; PC: 0.05±0.11)													

Appendix 3

Table 3. Correct knowledge answers toward common cancer screening in association with subjects' habitat				
Statements	Number of Correct /Total	Urban n (%)	Rural n (%)	<i>P-value*</i>
Breast Cancer				
Mammography	176/751	108(20.9)	68(29.1)	0.014
Breast examination	183/751	111(21.5)	72(30.8)	0.006
Cervical Cancer				
Pap test	312/751	190(36.8)	122(52.1)	0.001
Colorectal Cancer				
Fecal occult blood test	15/1501	11(1.2)	4(0.7)	0.38
Colonoscopy	66/1501	36(3.8)	30(5.3)	0.17
Prostate Cancer				
prostate-specific antigen (PSA) test	97/750	40(9.5)	57(17.3)	0.002
*Chi-square test; P<0.05 significance level.				