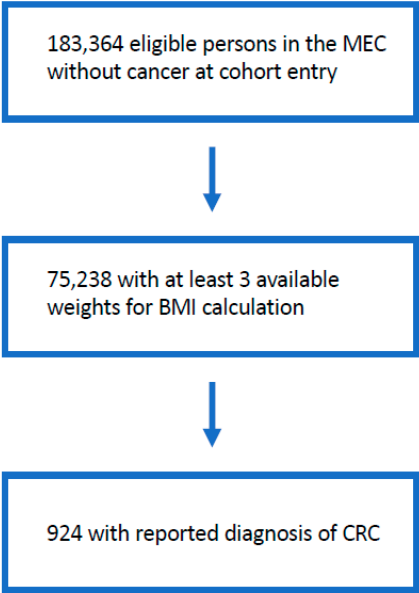**Supplemental Table S1. Characteristics of persons who had cancer-specific death vs other cause mortality.**

Variable	*Cancer Related Death N=271*	*Non-Cancer Related Death N=123*	*P-value*
Age (years), Median (Q1, Q3)	63.0 (57.0, 68.0)	65.0 (60.5, 70.0)	0.001
Age of CRC Diagnosis (years)	81.0 (74.0, 86.0)	83.0 (76.5, 85.5)	0.247
Body Mass Index (kg/m^2), at cohort entry	25.7 (22.7, 28.7)	25.9 (23.6, 29.4)	0.343
BMI Class at cohort entry			
Underweight	4 (1.5%)	3 (2.4%)	0.846
Normal weight	107 (39.5%)	42 (34.1%)	
Overweight	110 (40.6%)	52 (42.3%)	
Class 1 Obesity	31 (11.4%)	15 (12.2%)	
Class 2 Obesity	13 (4.8%)	7 (5.7%)	
Class 3 Obesity	6 (2.2%)	4 (3.3%)	
Change in BMI (kg/m^2)	-0.6 (-2.2, 1.2)	-1.1 (-2.9, 0.3)	0.030
Change in BMI (%)	-2.5 (-8.0, 4.2)	-4.5 (-11.1, 1.2)	0.026
Variance of BMI	1.5 (0.4, 3.7)	1.4 (0.5, 3.6)	0.800
Female	147 (54.2%)	55 (44.7%)	0.083
Ethnicity			
African American	39 (14.4%)	15 (12.2%)	0.651
Hawaiian	18 (6.6%)	11 (8.9%)	
Hispanic or Latino	52 (19.2%)	22 (17.9%)	
Japanese	106 (39.1%)	55 (44.7%)	
White	56 (20.7%)	20 (16.3%)	
Diabetes	24 (8.9%)	21 (17.1%)	0.025
Smoking at Cohort Entry			
Current	45 (16.6%)	17 (13.8%)	0.108
Past	95 (35.1%)	58 (47.2%)	
Never	126 (46.5%)	48 (39.0%)	
Missing	5 (1.8%)	0 (0%)	
Family History of CRC	33 (12.2%)	17 (13.8%)	0.629
CRC Type			
Colon	209 (77.1%)	95 (77.2%)	1
Rectal	56 (20.7%)	26 (21.1%)	
Overlapping	6 (2.2%)	2 (1.6%)	
CRC Stage			
Localized	38 (14.0%)	59 (48.0%)	<0.001
Regional	92 (33.9%)	44 (35.8%)	
Distant	99 (36.5%)	9 (7.3%)	
Unknown	42 (15.5%)	11 (8.9%)	
BMI Follow-Up Duration (years)	16.0 (11.0, 17.0)	16.0 (11.0, 17.0)	0.140
Follow-Up after CRC diagnosis (years)	1.0 (0.0, 2.0)	3.0 (1.0, 6.0)	<0.001

Supplemental Table S2. Characteristics of individuals by group.

Variables	Group 1 N=93	Group 2 N=152	Group 3 N=86	Group 4 N=63	P-value
Age (years), Median (Q1, Q3)	65.0 (60.0, 70.0)	65.0 (59.0, 69.0)	65.0 (58.3, 69.0)	60.0 (57.0, 65.5)	0.027
Age of CRC Diagnosis (years)	82.0 (75.0, 87.0)	82.5 (75.0, 86.0)	82.5 (76.0, 85.8)	79.0 (72.5, 83.0)	0.183
Body Mass Index (kg/m2)	21.3 (20.2, 22.0)	25.2 (24.1, 26.0)	28.6 (27.5, 29.9)	34.6 (32.6, 37.2)	<0.001
BMI Class					<0.001
Underweight	7 (7.5%)	0 (0%)	0 (0%)	0 (0%)	
Normal weight	85 (91.4%)	61 (40.1%)	2 (2.3%)	1 (1.6%)	
Overweight	1 (1.1%)	91 (59.9%)	66 (76.7%)	4 (6.3%)	
Class 1 Obesity	0 (0%)	0 (0%)	17 (19.8%)	29 (46.0%)	
Class 2 Obesity	0 (0%)	0 (0%)	1 (1.2%)	19 (30.2%)	
Class 3 Obesity	0 (0%)	0 (0%)	0 (0%)	10 (15.9%)	
Change in BMI (kg/m2)	-0.6 (-2.0, 0.5)	-0.6 (-2.0, 0.8)	-0.9 (-2.4, 1.6)	-1.0 (-3.9, 1.9)	0.925
Change in BMI (%)	-3.0 (-8.6, 2.3)	-2.3 (-8.0, 3.2)	-3.2 (-8.3, 5.6)	-2.9 (-11.2, 5.3)	0.878
Variance of BMI	0.7 (0.2, 1.8)	1.2 (0.4, 2.5)	2.3 (1.0, 4.5)	5.0 (1.8, 10.6)	<0.001
Female	60 (64.5%)	60 (39.5%)	45 (52.3%)	37 (58.7%)	<0.001
Ethnicity					<0.001
White	12 (12.9%)	31 (20.4%)	17 (19.8%)	16 (25.4%)	
African American	7 (7.5%)	14 (9.2%)	14 (16.3%)	19 (30.2%)	
Hawaiian	2 (2.2%)	8 (5.3%)	9 (10.5%)	10 (15.9%)	
Hispanic or Latino	8 (8.6%)	28 (18.4%)	27 (31.4%)	11 (17.5%)	
Japanese	64 (68.8%)	71 (46.7%)	19 (22.1%)	7 (11.1%)	
Diabetes	4 (4.3%)	13 (8.6%)	17 (19.8%)	11 (17.5%)	0.002
Smoking at Cohort Entry					0.636
Never	49 (52.7%)	65 (42.8%)	34 (39.5%)	26 (41.3%)	
Past	29 (31.2%)	64 (42.1%)	35 (40.7%)	25 (39.7%)	
Current	15 (16.1%)	22 (14.5%)	15 (17.4%)	10 (15.9%)	
Missing	0 (0%)	1 (0.7%)	2 (2.3%)	2 (3.2%)	
Family History of CRC	16 (17.2%)	21 (13.8%)	5 (5.8%)	8 (12.7%)	0.114
CRC Type					0.493
Colon	67 (72.0%)	115 (75.7%)	71 (82.6%)	51 (81.0%)	
Rectal	22 (23.7%)	35 (23.0%)	14 (16.3%)	11 (17.5%)	
Overlapping	4 (4.3%)	2 (1.3%)	1 (1.2%)	1 (1.6%)	
CRC Stage					0.090
Localized	22 (23.7%)	41 (27.0%)	27 (31.4%)	7 (11.1%)	
Regional	37 (39.8%)	53 (34.9%)	21 (24.4%)	25 (39.7%)	
Distant	22 (23.7%)	39 (25.7%)	28 (32.6%)	19 (30.2%)	
Unknown	12 (12.9%)	19 (12.5%)	10 (11.6%)	12 (19.0%)	
BMI Follow-Up Duration (years)	16.0 (11.0, 17.0)	16.0 (11.0, 17.0)	16.0 (11.0, 17.0)	16.0 (11.0, 17.0)	0.538
Follow-Up after CRC diagnosis (years)	1.0 (0.0, 3.0)	1.0 (0.0, 4.0)	1.0 (0.0, 3.0)	1.0 (0.0, 2.0)	0.251

Supplemental Figure S1. Flow chart of included participants.

Supplemental Figure S2. Hazard of death by age of CRC diagnosis for all-cause and CRC-specific mortality.