

Supplementary Table S1. Individual frailty deficits across grades of frailty.

	Frailty level			
	Total sample (n= 6,817)	<0.10 (n= 3,610)	0.10-0.20 (n= 1,776)	>0.20 (n= 1,431)
Frailty items				
Chronic conditions				
Angina	252 (2.9%)	10 (0.2%)	49 (3.1%)	193 (13.6%)
Heart attack	324 (3.7%)	10 (0.3%)	87 (5.4%)	227 (15.1%)
CHD	307 (3.7%)	15 (0.5%)	77 (4.4%)	215 (15.3%)
Stroke	241 (2.6%)	12 (0.4%)	38 (2.0%)	191 (12.2%)
Thyroid condition	689 (10.9%)	167 (5.7%)	227 (15.4%)	295 (24.6%)
Cancer	630 (8.9%)	111 (3.5%)	219 (13.4%)	300 (23.7%)
Arthritis	1,903 (25.8%)	334 (9.9%)	613 (39.3%)	956 (69.1%)
Hypertension	2,340 (30.8%)	469 (13.1%)	850 (50.8%)	1,021 (71.0%)
Diabetes	823 (9.2%)	48 (1.2%)	233 (13.1%)	542 (35.6%)
Weak/failing kidneys	175 (2.0%)	22 (0.6%)	33 (1.6%)	120 (7.9%)
Inability to remember things	575 (6.6%)	46 (1.3%)	133 (7.7%)	396 (26.6%)
Difficulties				
Difficulty managing money	359 (4.1%)	30 (0.8%)	85 (4.6%)	244 (17.4%)
Difficulty crouching/kneeling	1,690 (20.4%)	114 (3.1%)	522 (30.1%)	1,054 (76.8%)
Difficulty lifting/carrying	843 (9.4%)	39 (0.9%)	157 (9.1%)	647 (44.7%)
Difficulty preparing meals	313 (3.7%)	6 (0.2%)	22 (1.5%)	285 (22.0%)
Difficulty walking between rooms	328 (3.7%)	0 (0.0%)	19 (1.0%)	309 (22.4%)
Difficulty standing from armless chair	842 (9.8%)	11 (0.3%)	145 (9.3%)	686 (48.1%)
Difficulty getting in and out of bed	643 (7.3%)	12 (0.3%)	115 (6.9%)	516 (35.8%)
Difficulty using fork/knife	201 (2.2%)	1 (0.1%)	26 (1.5%)	174 (12.1%)
Difficulty dressing	504 (5.9%)	10 (0.2%)	70 (4.5%)	424 (30.4%)
Difficulty grasping small objects	607 (7.4%)	21 (0.6%)	121 (7.5%)	465 (34.3%)
Difficulty attending social events	512 (6.1%)	11 (0.3%)	70 (5.1%)	431 (32.4%)
Healthcare utilization				

Frequency of healthcare use	2,860 (38.5%)	846 (22.5%)	944 (55.3%)	1,070 (77.0%)
Overnight hospital stays	826 (10.1%)	192 (4.6%)	243 (13.2%)	392 (27.6%)
Polypharmacy	1,520 (20.2%)	138 (4.5%)	446 (39.4%)	936 (68.7%)
Self-rated health				
Health now	1,542 (16.9%)	344 (6.8%)	458 (21.8%)	740 (49.6%)
Health compared to 1yr ago	817 (11.3%)	221 (6.2%)	232 (14.9%)	364 (26.3%)
Laboratory deficits				
Pulse rate	1,074 (15.0%)	422 (12.0%)	337 (18.5%)	315 (21.5%)
Systolic blood pressure	1,304 (15.9%)	228 (6.2%)	493 (26.9%)	583 (38.8%)
Pulse pressure	2,307 (28.7%)	604 (15.6%)	828 (43.3%)	875 (59.5%)
Glycohemoglobin	1,538 (16.9%)	246 (5.1%)	554 (28.2%)	738 (47.2%)
Mean cell volume	1,004 (13.1%)	334 (8.6%)	355 (19.6%)	315 (21.6%)
Platelet count	241 (2.9%)	57 (1.4%)	69 (3.8%)	115 (7.9%)
Serum glucose	1,262 (14.9%)	253 (6.4%)	426 (22.9%)	583 (36.8%)
Sodium	691 (9.0%)	210 (5.5%)	224 (12.5%)	257 (17.9%)
Blood urea nitrogen	537 (5.6%)	42 (1.2%)	128 (5.8%)	367 (23.0%)
Uric acid	473 (6.0%)	116 (3.1%)	145 (8.3%)	212 (14.5%)
Bicarbonate	276 (3.7%)	65 (2.0%)	89 (5.1%)	122 (8.7%)
Total cholesterol	886 (12.6%)	312 (9.0%)	367 (20.6%)	207 (14.7%)
Red cell width	396 (4.1%)	84 (1.6%)	121 (6.1%)	191 (11.3%)
Lactate dehydrogenase	181 (2.2%)	38 (1.0%)	61 (3.4%)	82 (5.6%)
Triglyceride	2,427 (34.4%)	921 (25.3%)	806 (47.6%)	700 (51.1%)
Alkaline phosphatase	291 (2.8%)	48 (0.91%)	113 (4.5%)	130 (8.0%)
Creatinine	909 (9.1%)	209 (3.9%)	263 (9.9%)	437 (28.6%)
Hemoglobin	712 (7.0%)	159 (3.2%)	229 (9.3%)	324 (18.6%)
Total calcium	494 (6.4%)	154 (4.0%)	173 (8.4%)	167 (12.7%)

Data are expressed as frequency and survey-weighted percentages

Supplementary Table S2. Unadjusted and fully adjusted linear regression models examining the association between individual frailty deficits with frailty.

Variable	Frailty level							
	Total sample		<0.10		0.10-0.20		>0.20	
	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted
Frailty items								
Chronic conditions								
Angina	-71.4 (-87.6, -55.1)	-17.5 (-32.5, -2.5)	-45.0 (-125.2, 35.2)	-1.9 (-73.5, 69.7)	14.7 (-23.4, 52.8)	8.2 (-26.3, 42.7)	1.7 (-15.0, 18.4)	9.2 (-6.1, 24.6)
Heart attack	-73.2 (-88.0, -58.3)	-25.2 (-39.7, -10.6)	-100.5 (-128.9, -72.3)	-94.9 (-139.9, -49.8)	-1.9 (-26.1, 22.4)	4.6 (-18.3, 27.4)	2.6 (-16.3, 21.6)	8.1 (-10.6, 26.8)
CHD	-70.6 (-85.3, -55.9)	-27.4 (-41.4, -13.4)	-44.1 (-118.4, 30.2)	-35.2 (-106.6, 36.2)	6.8 (-22.1, 35.8)	2.9 (-24.5, 30.3)	-1.8 (-16.9, 13.3)	4.6 (-9.6, 18.8)
Stroke	-90.9 (-105.0, -76.8)	-26.3 (-39.7, -13.0)	-49.7 (-124.3, 24.9)	-12.6 (-82.5, 57.2)	-17.5 (-58.7, 23.7)	-7.0 (-40.0, 26.0)	-18.1 (-29.9, -6.3)	-7.7 (-18.5, 3.1)
Thyroid condition	-56.9 (-67.0, -46.8)	-4.6 (-13.9, 4.8)	-46.1 (-64.7, -27.6)	-4.5 (-22.8, 13.8)	-5.1 (-23.5, 13.3)	10.7 (-6.2, 27.6)	-13.0 (-23.3, -2.8)	-0.1 (-10.1, 10.0)
Cancer	-54.6 (-66.5, -42.7)	-1.6 (-12.6, 9.7)	-4.6 (-35.0, 25.8)	20.7 (-9.1, 50.5)	-19.3 (-36.2, -2.4)	-0.3 (-16.0, 15.3)	-4.8 (-17.0, 7.3)	6.6 (-5.1, 18.4)
Arthritis	-69.0 (-76.9, -61.0)	-19.0 (-27.0, -11.0)	-17.8 (-35.1, -0.4)	0.4 (-15.5, 16.3)	-13.8 (-27.1, -0.5)	-1.4 (-14.4, 11.6)	-21.9 (-33.8, -10.0)	-11.7 (-23.0, -0.4)
Hypertension	-63.5 (-71.3, -55.7)	-23.4 (-31.1, -15.6)	-16.1 (-32.2, -0.1)	-11.9 (-26.9, 3.1)	-11.4 (-24.4, 1.6)	-5.3 (-17.5, 6.9)	-14.2 (-27.0, -1.5)	-5.1 (-16.7, 6.5)
Diabetes	-78.2 (-86.6, -69.8)	-38.7 (-46.6, -30.9)	-22.3 (-54.3, 9.8)	-19.6 (-49.7, 10.5)	-13.9 (-29.1, 1.3)	-26.5 (-40.6, -12.4)	-6.2 (-16.4, 3.9)	-6.6 (-15.6, 2.3)
Weak/failing kidneys	-56.6 (-81.5, -31.7)	-2.6 (-23.7, 18.5)	-2.0 (-90.9, 86.9)	27.5 (-44.0, 98.9)	-13.4 (-47.6, 20.9)	2.8 (-30.3, 36.0)	5.7 (-14.7, 26.1)	10.0 (-9.6, 29.5)
Inability to remember things	-57.1 (-69.8, -44.4)	-12.9 (-24.7, -1.1)	-12.8 (-67.1, 41.6)	4.6 (-43.1, 52.3)	17.3 (-9.4, 43.9)	15.3 (-9.6, 40.2)	11.4 (-0.5, 23.2)	11.7 (-0.8, 22.6)
0 chronic conditions	Reference		Reference		Reference		Reference	
1 chronic condition	-36.2 (-46.2, -26.2)	-11.7 (-21.1, -2.2)	-21.6 (-34.1, -9.0)	-5.9 (-17.8, 6.0)	16.2 (-4.1, 36.5)	22.3 (3.7, 40.8)	8.2 (-38.9, 55.3)	26.4 (-21.8, 74.6)
2 chronic conditions	-78.3	-30.2	-36.6	-7.6	-7.1	9.1	7.4	33.7

	(-89.0, -67.5)	(-41.1, -19.2)	(-60.0, -13.2)	(-29.6, 14.5)	(-27.0, 12.8)	(-9.3, 27.5)	(-38.2, 53.0)	(-12.8, 80.1)
3 chronic conditions	-114.0 (-126.0, -105.9)	-47.1 (-58.2, -35.9)	-46.2 (-110.1, -17.7)	8.9 (-46.9, 64.7)	40.4 (-47.4, 128.2)	2.2 (-17.9, 22.3)	-15.4 (-59.6, 28.9)	19.9 (-26.0, 65.7)
4 chronic conditions	-129.0 (-139.8, -118.2)	-55.0 (-67.9, -42.2)	-111.2 (-117.9, -104.5)	-14.6 (-32.1, 2.9)	-23.5 (-52.5, 5.4)	-3.8 (-32.2, 24.6)	-15.1 (-59.6, 29.5)	22.8 (-23.0, 68.6)
5 chronic conditions	-124.0 (-145.7, -102.2)	-46.5 (-67.9, -25.1)	-	-	-21.6 (-43.1, -0.04)	55.6 (-25.0, 136.2)	-15.2 (-62.4, 32.0)	25.6 (-22.6, 73.8)
6+ chronic conditions	-136.4 (-156.1, -116.7)	-47.8 (-69.2, -26.4)	-	-	-	-	-16.0 (-63.5, 31.5)	28.0 (-21.1, 77.2)
Difficulties								
Difficulty managing money	-41.1 (-58.1, -24.1)	-13.1 (-28.1, 2.0)	11.1 (-54.3, 76.5)	1.7 (-56.0, 59.3)	41.2 (-7.7, 74.7)	15.5 (-16.7, 47.6)	20.4 (-4.0, 36.9)	15.5 (-0.5, 31.4)
Difficulty crouching/kneeling	-94.9 (-102.0, -87.8)	-41.4 (-49.1, -33.8)	-49.8 (-77.0, -22.6)	-31.6 (-56.5, -6.8)	-29.5 (-42.2, -16.8)	-14.6 (-26.8, -2.3)	-28.1 (-43.6, -12.6)	-23.3 (-37.3, -9.2)
Difficulty lifting/carrying	-85.3 (-94.7, -75.9)	-26.8 (-35.8, -17.8)	-59.0 (-99.5, -18.4)	-20.4 (-54.1, 13.4)	4.2 (-20.3, 28.6)	6.5 (-14.7, 27.6)	-9.0 (-19.6, 1.5)	-7.6 (-18.0, 2.9)
Difficulty preparing meals	-89.8 (-102.1, -77.5)	-43.1 (-54.9, -31.4)	-95.9 (-138.6, -53.1)	-64.4 (-89.2, -39.5)	67.1 (-2.1, 132.0)	41.4 (-9.1, 92.0)	-11.5 (-22.3, -0.7)	-17.3 (-27.7, -6.9)
Difficulty walking between rooms	-95.5 (-108.6, -82.4)	-39.6 (-52.7, -26.6)	-	-	-20.1 (-83.1, 43.0)	-32.1 (-81.2, 17.1)	-5.3 (-19.0, 8.4)	-10.8 (-22.9, 1.2)
Difficulty standing from armless chair	-94.4 (-102.7, -86.1)	-37.6 (-46.2, -29.0)	4.1 (-117.5, 125.7)	-3.8 (-114.9, 107.2)	-23.8 (-40.3, -7.3)	-16.5 (-31.6, -1.4)	-11.5 (-21.7, -1.2)	-12.7 (-22.2, -3.3)
Difficulty getting in and out of bed	-78.6 (-89.5, -67.7)	-36.7 (-47.3, -26.1)	88.4 (-61.7, 238.5)	95.9 (-38.2, 230.0)	-14.8 (-32.6, 3.1)	-23.8 (-40.5, -7.2)	5.0 (-6.1, 16.1)	-5.8 (-15.6, 4.0)
Difficulty using fork/knife	-77.3 (-93.8, -60.8)	-34.0 (-49.9, -18.1)	-158.8 (-164.3, -153.3)	-216.8 (-238.8, -194.9)	10.5 (-42.4, 63.4)	-11.4 (-52.6, 29.8)	6.1 (-10.4, 22.6)	1.9 (-4.1, 17.8)
Difficulty dressing	-78.9 (-89.4, -68.3)	-35.5 (-45.7, -25.3)	-8.5 (-107.0, 89.9)	-25.8 (-115.6, 64.0)	5.0 (-20.4, 30.4)	0.4 (-20.9, 21.8)	5.8 (-5.8, 17.5)	-4.2 (-15.6, 7.2)
Difficulty grasping small objects	-72.82 (-84.3, -61.4)	-24.0 (-34.0, -14.0)	-69.8 (-118.1, -21.6)	-24.9 (-66.5, 16.6)	33.7 (-1.6, 65.8)	20.3 (-6.9, 47.4)	0.4 (-10.3, 11.1)	-0.6 (-10.8, 9.6)
Difficulty attending social events	-94.2 (-104.3, -84.0)	-43.1 (-53.2, -33.1)	-10.9 (-89.3, 67.4)	41.0 (-32.6, 114.5)	-10.0 (-45.0, 25.0)	-20.6 (-51.3, 10.2)	-17.5 (-26.8, -8.2)	-24.4 (-33.8, -15.1)

0 difficulties	Reference		Reference		Reference		Reference	
1 difficulty	-74.4 (-85.6, -63.3)	-34.0 (-44.7, -23.4)	-41.3 (-66.2, -16.4)	-0.3 (-46.2, 45.6)	-0.7 (-32.4, 30.9)	-6.8 (-22.8, 9.3)	-39.1 (-59.6, -18.6)	-27.1 (-45.8, -8.3)
2 difficulties	-81.5 (-95.8, -67.2)	-27.8 (-41.1, -14.4)	-20.4 (-36.9, -3.9)	-25.7 (-47.9, -3.6)	-11.7 (-31.7, 8.3)	2.9 (-14.8, 20.6)	-44.7 (-64.5, -25.0)	-30.9 (-49.6, -12.3)
3 difficulties	-93.8 (-107.2, -80.4)	-45.0 (-57.7, -32.3)	-	-	-15.6 (-40.3, 9.2)	-6.7 (-34.6, 21.1)	-33.6 (-55.2, -12.0)	-23.0 (-42.9, -3.2)
4 difficulties	-91.5 (-113.2, -69.9)	-31.3 (-51.6, -11.1)	-	-	-20.4 (-36.9, -3.9)	-21.6 (-43.3, -0.2)	-25.8 (-54.5, -2.9)	-13.7 (-40.2, 12.7)
5 difficulties	-105.9 (-124.5, -87.3)	-46.4 (-62.3, -30.4)	-	-	-	-	-32.8 (-56.4, -9.1)	-27.3 (-48.6, -6.1)
6+ difficulties	-109.1 (-120.1, -98.2)	-54.3 (-65.7, -42.8)	-	-	-	-	-30.6 (-51.3, -10.0)	-30.8 (-50.1, -11.5)
HCU								
Frequency of healthcare use	-53.6 (-61.3, -45.9)	-21.0 (-27.9, -14.1)	-15.4 (-27.9, -2.9)	0.9 (-10.4, 12.3)	-6.0 (-19.2, 7.2)	-10.4 (-22.7, 1.9)	-11.5 (-24.7, 1.8)	-10.0 (-21.8, 1.9)
Overnight hospital stays	-58.4 (-68.6, -48.2)	-25.1 (-34.2, -16.0)	-51.3 (-71.2, -31.3)	-30.7 (-47.6, -13.8)	-0.3 (-19.8, 18.9)	0.6 (-16.4, 17.6)	0.3 (-12.0, 12.5)	-0.2 (-11.4, 11.0)
Polypharmacy	-84.6 (-92.2, -77.0)	-34.1 (-41.7, -26.5)	-32.4 (-57.7, -7.2)	-6.4 (-29.8, 16.9)	-23.1 (-35.7, -10.5)	-20.7 (-32.3, -9.0)	-17.6 (-29.2, -6.1)	-9.1 (-20.1, 1.9)
0 HC use count	Reference		Reference		Reference		Reference	
1 HC use count	-40.0 (-49.4, -30.7)	-15.5 (-24.0, -7.0)	-16.6 (-29.5, -3.8)	1.1 (-10.8, 12.9)	-6.9 (-23.3, 9.5)	-10.3 (-25.8, 5.1)	-6.0 (-26.5, 14.5)	-3.2 (-22.7, 16.3)
2 HC use count	-86.7 (-95.7, -77.7)	-39.5 (-47.8, -31.1)	-95.3 (-138.6, -52.1)	-17.9 (-36.7, -1.0)	-20.5 (-36.4, -4.6)	-20.9 (-35.6, -6.3)	-14.2 (-32.4, 4.0)	-10.9 (-29.1, 7.3)
3 HC use count	-112.9 (-126.5, -99.3)	-42.9 (-56.7, -29.2)	-	-	-	-	-21.2 (-42.6, -0.1)	-12.4 (-33.1, 8.2)
Self-rated health								
Health now	-58.4 (-66.9, -50.0)	-30.0 (-37.7, -22.2)	-9.9 (-28.5, 8.7)	-8.6 (-25.6, 8.4)	-4.1 (-19.1, 11.0)	-11.2 (-26.3, 3.8)	-10.4 (-20.7, -0.2)	-16.1 (-25.7, -6.5)
Health compared to 1yr ago	-29.3 (-41.0, -17.6)	-13.3 (-23.1, -3.5)	14.1 (-7.9, 36.1)	9.3 (-9.8, 28.5)	9.1 (-11.4, 29.6)	3.4 (-15.0, 21.9)	-5.3 (-15.5, 5.0)	-8.4 (-18.3, 1.5)

Laboratory deficits								
Pulse rate	17.1 (4.8, 29.5)	17.3 (6.3, 28.2)	41.8 (23.3, 60.3)	21.4 (4.6, 38.2)	31.2 (10.0, 52.4)	25.2 (4.7, 45.8)	10.1 (-5.2, 25.5)	12.3 (-1.6, 26.2)
Systolic blood pressure	-64.3 (-73.4, -55.3)	-13.4 (-22.5, -4.2)	-39.6 (-62.1, -17.1)	-16.7 (-38.3, 6.2)	-12.6 (-26.7, 1.5)	-0.6 (-14.6, 13.4)	-10.3 (-20.8, 0.2)	4.5 (-4.8, 13.8)
Pulse pressure	-47.5 (-56.0, -39.1)	-6.3 (-14.5, 1.9)	-4.7 (-20.2, 10.8)	-0.5 (-14.3, 13.3)	-7.2 (-20.7, 6.2)	9.2 (-4.7, 23.0)	-14.0 (-25.4, -2.5)	7.9 (-3.1, 18.9)
Glycohemoglobin	-65.9 (-73.8, -58.1)	-28.1 (-35.7, -20.6)	-27.5 (-47.1, -8.0)	-28.1 (-35.7, -20.6)	-5.1 (-18.5, 8.2)	-10.6 (-22.9, 1.8)	-9.8 (-19.9, 0.4)	-5.7 (-14.3, 2.9)
Mean cell volume	-23.0 (-35.0, -11.1)	1.4 (-9.2, 12.0)	-2.4 (-23.7, 18.9)	12.0 (-7.0, 30.9)	-4.9 (-22.0, 12.2)	-3.3 (-19.0, 12.4)	15.4 (-0.9, 31.8)	19.6 (3.7, 35.6)
Platelet count	-35.4 (-54.8, -16.0)	-19.7 (-35.2, -4.1)	-14.5 (-60.7, 31.8)	-13.7 (-50.3, 22.9)	12.9 (-16.7, 42.5)	1.4 (-23.3, 26.1)	10.8 (-9.9, 31.4)	7.8 (-11.9, 27.6)
Serum glucose	-49.1 (-58.5, -39.7)	-24.6 (-33.1, -16.1)	0.1 (-22.3, 22.3)	-6.5 (-27.8, 14.8)	-3.4 (-17.5, 10.6)	-10.5 (-23.7, 2.8)	-12.0 (-21.8, -2.2)	-9.9 (-18.1, -1.6)
Sodium	-27.8 (-42.3, -13.2)	-3.1 (-15.9, 9.6)	13.7 (-17.0, 44.3)	18.6 (-8.8, 46.0)	-14.0 (-31.6, 3.6)	-9.6 (-25.5, 6.3)	-1.3 (-14.0, 11.5)	0.8 (-11.5, 13.1)
Blood urea nitrogen	-61.8 (-76.3, -47.3)	-10.5 (-23.3, 2.4)	61.2 (-1.5, 124.0)	40.4 (-20.8, 101.5)	-5.8 (-28.2, 16.5)	8.4 (-10.0, 26.8)	-8.1 (-20.1, 3.9)	4.2 (-6.6, 15.1)
Uric acid	-18.6 (-36.1, -1.2)	-4.9 (-19.8, 10.1)	48.9 (7.8, 89.9)	21.2 (-15.5, 57.8)	7.8 (-13.0, 28.6)	-3.6 (-23.4, 16.1)	-2.1 (-18.0, 13.8)	2.4 (-12.4, 17.2)
Bicarbonate	-11.5 (-32.3, 9.3)	13.7 (-3.6, 31.0)	38.1 (-3.9, 80.1)	24.7 (-13.4, 62.8)	17.4 (-7.2, 42.0)	20.5 (-2.4, 43.5)	12.0 (-16.0, 39.9)	18.0 (-7.7, 43.6)
Total cholesterol	-20.2 (-32.3, -8.1)	2.4 (-8.3, 13.0)	-8.7 (-29.7, 12.3)	5.0 (-13.2, 23.2)	-4.6 (-21.1, 11.8)	3.6 (-11.5, 18.6)	9.6 (-5.9, 25.2)	8.4 (-4.8, 21.6)
Red cell width	-73.2 (-84.1, -62.4)	-36.6 (-46.7, -26.5)	-72.8 (-93.5, -52.0)	-33.1 (-56.3, -9.9)	-24.9 (-46.1, -3.7)	-27.1 (-45.4, -8.8)	-9.0 (-21.8, 3.9)	-6.8 (-18.7, 5.1)
Lactate dehydrogenase	-12.3 (-39.3, 14.6)	-3.6 (-25.0, 17.9)	57.9 (-4.7, 120.6)	42.0 (-4.6, 88.6)	50.2 (-8.1, 92.3)	32.4 (-5.0, 69.9)	-16.3 (-30.6, -2.0)	-21.1 (-36.4, -5.9)
Triglyceride	-27.6 (-35.6, -19.6)	-23.7 (-30.8, -16.5)	-3.5 (-15.7, 8.7)	-22.8 (-34.3, -11.3)	-9.3 (-22.2, 3.7)	-19.3 (-31.4, -7.3)	5.4 (-4.9, 15.7)	1.9 (-8.1, 11.9)
Alkaline phosphatase	-52.4	-21.7	8.2	3.5	-11.2	-7.5	-7.5	-8.4

	(-74.8, -30.0)	(-41.2, -2.1)	(-80.7, 97.2)	(-72.2, 79.2)	(-36.8, 14.3)	(-20.9, 6.0)	(-20.9, 6.0)	(-19.7, 3.0)
Creatinine	-59.2 (-70.5, -48.0)	-20.4 (-30.2, -10.5)	-25.5 (-53.7, 2.6)	-21.8 (-44.8, 1.2)	3.1 (-17.3, 23.6)	4.2 (-15.5, 23.9)	-13.7 (-24.5, -2.8)	-3.6 (-12.8, 5.5)
Hemoglobin	-59.9 (-72.5, -47.2)	-28.0 (-39.8, -16.2)	-31.1 (-62.7, 0.5)	-4.2 (-32.1, 23.7)	-19.4 (-39.5, 0.7)	-21.2 (-41.5, -0.9)	-10.8 (-21.6, 0.1)	-9.0 (-19.4, 1.4)
Total calcium	-15.9 (-30.9, -0.9)	-6.0 (-18.0, 5.9)	17.5 (-8.1, 43.1)	0.9 (-21.1, 22.9)	11.5 (-12.9, 35.8)	8.5 (-13.2, 30.2)	0.6 (-15.6, 16.8)	-0.8 (-13.9, 12.2)
0 lab deficits	Reference		Reference		Reference		Reference	
1 lab deficit	-8.7 (-20.8, 3.4)	-6.9 (-18.0, 4.2)	-2.1 (-15.0, 10.9)	-6.4 (-18.5, 5.7)	-26.0 (-65.2, 13.1)	-26.5 (-60.1, 7.1)	26.9 (-0.04, 53.8)	18.3 (-8.4, 45.0)
2 lab deficits	-19.4 (-32.4, -6.5)	-11.7 (-23.6, 0.2)	2.8 (-12.4, 18.0)	-7.5 (-21.4, 6.3)	-34.4 (-73.4, 4.7)	-10.3 (-44.8, 24.3)	15.0 (-12.4, 42.5)	12.7 (-15.0, 40.5)
3 lab deficits	-43.6 (-58.5, -28.6)	-12.5 (-26.4, 1.4)	-46.1 (-85.1, -7.0)	0.1 (-19.3, 19.6)	-34.4 (-72.2, 3.3)	-13.8 (-48.2, 20.7)	21.8 (-5.8, 49.3)	33.7 (-5.6, 61.7)
4 lab deficits	-79.7 (-93.5, -65.9)	-32.8 (-46.6, -19.1)	-	-	-46.1 (-85.2, -7.0)	-17.8 (-50.8, 15.3)	3.5 (-19.4, 26.5)	18.5 (-4.6, 41.7)
5 lab deficits	-100.6 (-113.7, -87.4)	-46.5 (-59.7, -33.3)	-	-	-	-	6.0 (-17.4, 29.3)	22.4 (-1.5, 46.4)
6+ lab deficits	-114.0 (-127.3, -100.8)	-45.3 (-58.7, -31.8)	-	-	-	-	5.3 (-17.6, 28.3)	25.0 (-0.6, 49.3)

Data are Beta coefficients (95% confidence intervals) from unadjusted and fully adjusted, survey-weighted, linear regression models. Reference group are those without the individual deficit. Fully adjusted models control for age, sex, education, marital status, race, and accelerometer wear time. Data in bold are statistically significant ($p < 0.05$).

Cells without data (indicated by a “-”) have too low sample sizes to run a linear regression. For rows which count the number of deficits (i.e., chronic conditions, difficulties, healthcare use, and laboratory deficits) but have no data within a cell uses the previous group with data as the highest-level group. For example, the count of lab deficits within the FI <0.10 group will be 3+ lab deficits instead of 6+ deficits.