

Table S1. Temporal trends of primary inflammatory bowel disease hospitalizations with a secondary diagnosis of suicidal ideations in the national inpatient database from 2009 to 2019

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	p-value
Total Number of Hospitalizations	133	89	157	130	175	185	180	95	165	210	205	
Mean Age, Years (SE)	38.0 (0.11)	38.3 (0.11)	39.6 (0.13)	41.1 (0.15)	42.0 (0.13)	39.9 (0.12)	43.6 (0.18)	40.8 (0.17)	43.2 (0.15)	44.0 (0.15)	42.3 (0.17)	0.02
Mean LOS, Days (SE)	7.97 (0.48)	7.97 (0.48)	7.72 (0.48)	7.59(0.47)	7.65 (0.47)	7.59 (0.47)	7.59 (0.47)	7.81 (0.48)	7.59 (0.46)	7.57 (0.47)	7.57 (0.47)	<0.001
Mean hospitalization charges, USD (SE)	44664 (4398)	46570 (4432)	47911 (4576)	48328 (4321)	50331 (4368)	52064 (4368)	52149 (4352)	58851 (4346)	59509 (4446)	62712 (4422)	66639 (4421)	<0.001
Age Group (years)												<0.001
18 – 34	46 (34.6%)	34 (38.2%)	66 (42.0%)	65 (50.0%)	55 (31.4%)	75 (40.5%)	75 (41.7%)	50 (52.6%)	55 (33.3%)	60 (28.6%)	90 (43.9%)	
35 – 49	73 (54.9%)	40 (44.9%)	52 (33.1%)	25 (19.2%)	60 (34.3%)	65 (35.1%)	35 (19.4%)	20 (21.1%)	50 (30.3%)	75 (35.7%)	45 (22.0%)	
50 – 64	14 (10.5%)	15 (16.9%)	35 (22.3%)	25 (19.2%)	55 (31.4%)	40 (21.6%)	50 (27.8%)	15 (15.8%)	50 (30.3%)	60 (28.6%)	45 (22.0%)	
65 – 79	0 (0.0%)	0 (0.0%)	4 (2.5%)	10 (7.7%)	0 (0.0%)	5 (2.7%)	15 (8.3%)	5 (5.3%)	10 (6.1%)	5 (2.4%)	15 (7.3%)	
≥ 80	0 (0.0%)	0 (0.0%)	0 (0.0%)	5 (3.8%)	5 (2.9%)	0 (0.0%)	5 (2.8%)	5 (5.3%)	0 (0.0%)	10 (4.8%)	10 (4.9%)	
Gender												<0.001
Male	62 (46.6%)	45 (50.6%)	96 (61.1%)	70 (53.8%)	95 (54.3%)	110 (59.5%)	120 (66.7%)	50 (52.6%)	60 (36.4%)	120 (57.1%)	100 (48.8%)	
Female	71 (53.4%)	44 (49.4%)	61 (38.9%)	60 (46.2%)	80 (45.7%)	75 (40.5%)	60 (33.3%)	45 (47.4%)	105 (63.6%)	90 (42.9%)	105 (51.2%)	
Race												<0.001
White	79 (76.7%)	44 (63.8%)	110 (79.7%)	105 (87.5%)	135 (77.1%)	120 (70.6%)	125 (71.4%)	70 (77.8%)	120 (77.4%)	135 (65.9%)	140 (71.8%)	
Black	19 (18.4%)	15 (21.7%)	4 (2.9%)	0 (0.0%)	20 (11.4%)	35 (20.6%)	35 (20.0%)	15 (16.7%)	20 (12.9%)	55 (26.8%)	35 (17.9%)	
Hispanic	5 (4.9%)	5 (7.2%)	0 (0.0%)	10 (8.3%)	15 (8.6%)	10 (5.9%)	15 (8.6%)	5 (5.6%)	5 (3.2%)	15 (7.3%)	20 (10.3%)	
Asian	0 (0.0%)	0 (0.0%)	4 (2.9%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	
Native American	0 (0.0%)	5 (7.2%)	6 (4.3%)	0 (0.0%)	0 (0.0%)	5 (2.9%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	
Other	0 (0.0%)	0 (0.0%)	14 (10.1%)	5 (4.2%)	5 (2.9%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	10 (6.5%)	0 (0.0%)	0 (0.0%)	
Charlson Comorbidity Index Score												<0.001
0	110 (82.7%)	64 (71.9%)	106 (67.5%)	90 (69.2%)	110 (62.9%)	130 (70.3%)	100 (55.6%)	60 (63.2%)	100 (60.6%)	110 (52.4%)	105 (51.2%)	
1	10 (7.5%)	10 (11.2%)	21 (13.4%)	20 (15.4%)	30 (17.1%)	45 (24.3%)	35 (19.4%)	20 (21.1%)	45 (27.3%)	25 (11.9%)	45 (22.0%)	
2	5 (3.8%)	15 (16.9%)	14 (8.9%)	10 (7.7%)	15 (8.6%)	5 (2.7%)	30 (16.7%)	10 (10.5%)	15 (9.1%)	25 (11.9%)	35 (17.1%)	
≥ 3	8 (6.0%)	0 (0.0%)	16 (10.2%)	10 (7.7%)	20 (11.4%)	5 (2.7%)	15 (8.3%)	5 (5.3%)	5 (3.0%)	50 (23.8%)	20 (9.8%)	
Hospital Region												<0.001
Northeast	24 (18.0%)	25 (28.1%)	62 (39.5%)	30 (23.1%)	60 (34.3%)	45 (24.3%)	20 (11.1%)	10 (10.5%)	50 (30.3%)	50 (23.8%)	50 (24.4%)	
Midwest	40 (30.1%)	25 (28.1%)	48 (30.6%)	35 (26.9%)	45 (25.7%)	60 (32.4%)	65 (36.1%)	35 (36.8%)	30 (18.2%)	80 (38.1%)	55 (26.8%)	
South	41 (30.8%)	24 (27.0%)	23 (14.6%)	35 (26.9%)	35 (20.0%)	55 (29.7%)	50 (27.8%)	30 (31.6%)	40 (24.2%)	55 (26.2%)	60 (29.3%)	
West	28 (21.1%)	15 (16.9%)	24 (15.3%)	30 (23.1%)	35 (20.0%)	25 (13.5%)	45 (25.0%)	20 (21.1%)	45 (27.3%)	25 (11.9%)	40 (19.5%)	

Hospital Location and Teaching Status												<0.001
Rural	9 (7.0%)	0 (0.0%)	6 (3.9%)	15 (11.5%)	0 (0.0%)	10 (5.4%)	20 (11.1%)	5 (5.3%)	5 (3.0%)	10 (4.8%)	15 (7.3%)	
Urban Nonteaching	43 (33.3%)	20 (23.8%)	30 (19.6%)	40 (30.8%)	60 (34.3%)	20 (10.8%)	35 (19.4%)	20 (21.1%)	35 (21.2%)	20 (9.5%)	25 (12.2%)	
Urban Teaching	77 (59.7%)	64 (76.2%)	117 (76.5%)	75 (57.7%)	115 (65.7%)	155 (83.8%)	125 (69.4%)	70 (73.7%)	125 (75.8%)	180 (85.7%)	165 (80.5%)	
Expected Primary Payer												<0.001
Medicare	19 (14.7%)	20 (22.5%)	39 (27.7%)	35 (28.0%)	55 (37.9%)	55 (31.4%)	50 (28.6%)	10 (11.1%)	50 (31.3%)	55 (26.8%)	75 (37.5%)	
Medicaid	48 (37.2%)	44 (49.4%)	46 (32.6%)	40 (32.0%)	65 (44.8%)	65 (37.1%)	50 (28.6%)	35 (38.9%)	50 (31.3%)	75 (36.6%)	60 (30.0%)	
Private	48 (37.2%)	20 (22.5%)	33 (23.4%)	30 (24.0%)	15 (10.3%)	35 (20.0%)	50 (28.6%)	40 (44.4%)	30 (18.8%)	55 (26.8%)	55 (27.5%)	
Other	14 (10.9%)	5 (5.6%)	23 (16.3%)	20 (16.0%)	10 (6.9%)	20 (11.4%)	25 (14.3%)	5 (5.6%)	30 (18.8%)	20 (9.8%)	10 (5.0%)	
Median Household Income (Quartile)												<0.001
1 st (0-25 th)	47 (35.3%)	25 (29.8%)	25 (17.2%)	55 (45.8%)	30 (17.1%)	55 (29.7%)	75 (41.7%)	15 (15.8%)	40 (25.0%)	45 (22.5%)	60 (29.3%)	
2 nd (26 th -50 th)	18 (13.5%)	20 (23.8%)	33 (22.8%)	40 (33.3%)	30 (17.1%)	70 (37.8%)	25 (13.9%)	45 (47.4%)	55 (34.4%)	85 (42.5%)	50 (24.4%)	
3 rd (51 st -75 th)	44 (33.1%)	19 (22.6%)	61 (42.1%)	10 (8.3%)	65 (37.1%)	45 (24.3%)	35 (19.4%)	25 (26.3%)	30 (18.8%)	45 (22.5%)	50 (24.4%)	
4 th (76 th -100 th)	24 (18.0%)	20 (23.8%)	26 (17.9%)	15 (12.5%)	50 (28.6%)	15 (8.1%)	45 (25.0%)	10 (10.5%)	35 (21.9%)	25 (12.5%)	45 (22.0%)	
Inpatient Mortality	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	5 (2.4%)	5 (2.4%)	<0.001
GAD	3 (<1%)	2 (<1%)	14 (8.9%)	5 (3.8%)	5 (2.9%)	2 (0.0%)	10 (5.6%)	2 (<1%)	5 (3.0%)	20 (9.5%)	25 (12.2%)	<0.001
Depression	24 (18.0%)	25 (28.1%)	64 (40.8%)	60 (46.2%)	110 (62.9%)	75 (40.5%)	80 (44.4%)	35 (36.8%)	75 (45.5%)	75 (35.7%)	105 (51.2%)	<0.001