

## Supplementary Data

SUPPLEMENTARY TABLE S1. PREVALENCE AND CORRELATES OF A FIBROMYALGIA DIAGNOSIS  
AMONG VETERANS IN FY 2012

	<i>No fibromyalgia</i>	<i>Fibromyalgia</i>	<i>Cohen's D</i>
	<i>N=2,139,534 (96.52%)</i>	<i>N=77,087 (3.48%)</i>	
	<i>Mean (SD)</i>	<i>Mean (SD)</i>	
Demographics	58.83 (15.43)	55.12 (14.11)	0.25*
	N (%)	N (%)	<i>Risk ratio</i>
Age			
<40	283,599 (13.3)	11,650 (15.1)	1.14
40–49	256,491 (12)	14,501 (18.8)	1.57*
50–64	896,215 (41.9)	34,355 (44.6)	1.06
65–74	391,435 (18.3)	10,394 (13.5)	0.74
75–85	206,057 (9.6)	4,372 (5.7)	0.59
>85	89,116 (4.2)	1,501 (1.9)	0.47*
Male	1,974,644 (92.3)	57,467 (74.5)	0.81
Female	164,890 (7.7)	19,620 (25.5)	3.3*
Hispanic	134,567 (14.2)	5,290 (15.1)	1.07
White	1,450,977 (76.3)	52,860 (76)	1.00
Black	374,066 (20)	13,721 (19.7)	1.00
Other race	26,876 (1.4)	1,002 (1.4)	1.02
Mixed race	37,228 (2)	1,564 (2.2)	1.15
Unknown race	238,987 (11.2)	7,489 (9.7)	0.87
Urban Residents	1,450,019 (70.4)	53,124 (71.6)	1.02
Small rural area residents	198,665 (9.6)	6,849 (9.2)	0.96
Large rural area residents	250,318 (12.2)	8,751 (11.8)	0.97
Isolated rural area residents	159,809 (7.8)	5,464 (7.4)	0.95
OIF/OEF Era Veterans	244,756 (11.4)	8,604 (11.2)	0.98
VA pension	69,262 (3.2)	2,116 (2.7)	0.85
Service connected ≥50%	586,803 (27.4)	30,165 (39.1)	1.43
Service connected <50%	461,770 (21.6)	15,946 (20.7)	0.95
Homeless during the year	106,290 (5)	4,554 (5.9)	1.19
Medical diagnosis: general			
Seizures	17,190 (0.8)	738 (1)	1.19
Insomnia	125,116 (5.8)	7,045 (9.1)	1.6*
Myocardial infarction	35,960 (1.7)	1,131 (1.5)	0.87
Congestive heart failure	1,106,856 (51.7)	45,115 (58.5)	1.13
Peripheral vascular disease	133,872 (6.3)	3,772 (4.9)	0.78
Cerebrovascular accident	122,941 (5.7)	3,803 (4.9)	0.86
Dementia	16,134 (0.7)	364 (0.5)	0.63
Chronic obstructive airway disease	337,622 (15.8)	13,841 (18)	1.14
Connective tissue disease	27,735 (1.3)	3,413 (4.4)	3.42*
Peptic ulcer disease	21,601 (1)	827 (1.1)	1.06
Hepatic disease	75,640 (3.5)	2,753 (3.6)	1.01
Diabetes mellitus	568,651 (26.6)	17,239 (22.4)	0.84
Complications of diabetes	194,129 (9.1)	4,215 (5.5)	0.6
Paraplegia	19,874 (0.9)	928 (1.2)	1.3
Renal disease	131,424 (6.1)	3,565 (1.2)	0.75
HIV	10,271 (0.5)	432 (0.6)	1.17
Cancer	188,644 (8.8)	5,455 (7.1)	0.8
Metastatic cancer	17,267 (0.8)	433 (0.6)	0.7
	<i>Mean (SD)</i>	<i>Mean (SD)</i>	<i>Cohen's D</i>
Charlson medical severity diagnosis index	1.7 (2)	1.64 (1.78)	0.03
	N (%)	N (%)	<i>Risk ratio</i>
Pain diagnoses			
Headache	214,143 (10)	14,631 (19)	1.9*
Diabetic pain	174,750 (8.2)	3,587 (4.7)	0.57

(continued)

SUPPLEMENTARY TABLE S1. (CONTINUED)

	<i>Mean (SD)</i>	<i>Mean (SD)</i>	<i>Cohen's D</i>
Musculoskeletal pain	1,059,623 (49.5)	39,180 (50.8)	1.03
Muscle spasm pain	79,689 (3.7)	4,289 (5.6)	1.5*
Herpetic pain	25,976 (1.2)	2,248 (2.9)	2.4*
Psychiatric diagnoses			
Organic brain syndrome	18,875 (0.9)	410 (0.5)	0.6
Alcohol dependence	185,629 (8.7)	6,230 (8.1)	0.93
Drug dependence	146,427 (6.8)	6,263 (8.1)	1.19
Schizophrenia	38,944 (1.8)	1,368 (1.8)	0.98
Bipolar disorder	63,435 (3)	3,827 (5)	1.7*
Major depression	186,601 (8.7)	12,889 (16.7)	1.92*
Other depression (e.g., dysthymia)	475,390 (22.2)	26,896 (34.9)	1.57*
PTSD	370,924 (17.3)	20,103 (26.1)	1.5*
Anxiety disorder	265,110 (12.4)	15,858 (20.6)	1.7*
Adjustment disorder	104,648 (4.9)	5,425 (7)	1.44
Personality disorder	31,294 (1.5)	2,665 (3.5)	2.32*
Other psychiatric diagnosis	263,611 (12.3)	12,821 (16.6)	1.35
Dual diagnosis (substance abuse or psychiatric)	222,267 (10.4)	9,050 (11.7)	1.13
Any substance abuse diagnosis	260,499 (12.2)	9,838 (12.8)	1.05
Any mental health diagnosis	1,046,610 (48.9)	49,217 (63.8)	1.31
Service use			
Any mental health inpatient treatment	42,650 (2)	2,036 (2.6)	1.33
Any mental health service use	739,466 (35)	38,922 (50.5)	1.5*
	<i>Mean (SD)</i>	<i>Mean (SD)</i>	<i>Cohen's D</i>
Emergency room visits	0.71 (1.8)	1 (2.4)	0.14
Medical surgical visits	10.4 (11.5)	14.32 (13.7)	0.31*
Medical-surgical inpatient hospitalizations	0.06 (0.24)	0.1 (0.3)	0.15
Psychiatric or substance abuse outpatient visits	4.4 (17.36)	7.2 (21.59)	0.14
All outpatient visits	14.71 (21.78)	21.53 (27.4)	0.28*
Psychotropic medications			
Antidepressant Prescriptions	3.23 (10.5)	5 (11)	0.16
Antipsychotic Prescriptions	0.95 (8)	1.21 (6.8)	0.04
Anxiolytic/sedative/hypnotic prescriptions	1.6 (4.6)	2.87 (6.05)	0.24*
Stimulant prescriptions	0.06 (0.95)	0.14 (1.32)	0.07
Anticonvulsant/mood stabilizer prescriptions	0.2 (0.4)	0.34 (0.47)	0.32*
Lithium	0.007 (0.08)	0.01 (0.1)	0.03
All psychotropics	7.7 (22.52)	11.87 (23.76)	0.18
Opioids	7.06 (7.35)	8.43 (8.29)	0.17
	<i>N (%)</i>	<i>N (%)</i>	<i>Risk ratio</i>
Any opioid prescription	769,723 (36)	37,110 (48.1)	1.34

\*Cohen's D > 0.2; Risk ratio < 0.5 or > 1.5.