

SUPPLEMENTARY DATA

**Association of Anxiety With High-Cost Health Care Use Among Individuals With Type 2 Diabetes**

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**Supplementary Table S1. Diabetes Complications and Other Medical Conditions Among Participants With and Without Diagnosed Anxiety**

Health conditions diagnosed in 2008-2011	No anxiety diagnosis	Any anxiety diagnosis	Total sample	<i>p</i> value
Number of people, <i>n</i> (row percent)	125,012 (87.1)	18,561 (12.9)	143,573 (—)	—
<u>Diabetes complications</u>				
Nephropathy	42,726 (34.2)	6,216 (33.5)	48,942 (34.1)	.07
Neuropathy	26,829 (21.5)	5,384 (29.0)	32,213 (22.4)	< .001
Cardiovascular disease	25,586 (20.5)	4,501 (24.3)	30,087 (21.0)	< .001
Retinopathy	24,511 (19.6)	3,363 (18.1)	27,874 (19.4)	< .001
Peripheral vascular disease	10,390 (8.3)	1,823 (9.8)	12,213 (8.5)	< .001
Lower limb ulcers or amputations	8,423 (6.7)	1,603 (8.6)	10,026 (7.0)	< .001
Cerebrovascular disease	7,441 (6.0)	1,648 (8.9)	9,089 (6.3)	< .001
Metabolic complications	3,251 (2.6)	733 (4.0)	3,984 (2.8)	< .001
Any diabetes complication	74,674 (59.7)	11,865 (63.9)	86,539 (60.3)	< .001
<u>Other health conditions</u>				
Injury/poisoning	62,444 (50.0)	12,217 (65.8)	74,661 (52.0)	< .001
Hypertension	104,531 (83.6)	15,940 (85.9)	120,471 (83.9)	< .001
Lower back pain	43,280 (34.6)	9,534 (51.4)	52,814 (36.8)	< .001
Arthritis	36,455 (29.2)	7,114 (38.3)	43,569 (30.4)	< .001
Asthma	20,922 (16.7)	5,227 (28.2)	26,149 (18.2)	< .001
Headache	17,577 (14.1)	5,634 (30.4)	23,211 (16.2)	< .001
Chronic obstructive pulmonary disorder	18,368 (14.7)	4,218 (22.7)	22,586 (15.7)	< .001
Pneumonia	12,021 (9.6)	2,796 (15.1)	14,817 (10.3)	< .001

*Note.* *n* (column percent) presented unless otherwise specified.

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**Supplementary Figure S1. ICD-9-CM Diagnostic Codes for Diabetes Complications**

<b>Diabetes complication</b>	<b>ICD-9-CM diagnostic code</b>
Nephropathy	250.4x, 585.x
Neuropathy	250.6x, 357.2
Cardiovascular disease	410.xx, 411.xx, 412, 414.x, 428.x, 440.xx
Retinopathy	250.5x, 362.0x, 362.10
Peripheral vascular disease	250.7x, 443.9, 444.xx
Lower limb ulcers or amputations	681.9, 682.7, 707.1, 707.13–707.19, 707.8–707.9, 730.06–730.07, 730.09, 730.16–730.17, 730.19, 730.26–730.27, 730.29, 891.x–892.2, 895.x–897.x, V497.0–V497.6
Cerebrovascular disease	431, 433.xx, 434.xx, 435.x, 436, 437.1
Metabolic complications	250.1, 250.2, 250.3, 251.0, 251.1, 251.2

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**Supplementary Figure S2. ICD-9-CM Diagnostic Codes for Non-diabetes-related Health Conditions**

<b>Health condition</b>	<b>ICD-9-CM diagnostic code</b>
Injury/poisoning	800 to 999
Hypertension	362.11, 401, 402, 403, 404, 437.2
Lower back pain	724, 724.0, 724.1, 724.2, 724.3, 724.4, 724.5, 724.6, 724.7, 846.0, 847.2
Arthritis	715, 716
Asthma	493
Headache	307.81, 346, 627.2, 784.0
Chronic obstructive pulmonary disorder	490, 491, 492, 494, 495, 496
Pneumonia	480, 481, 482, 483, 484, 485, 486, 487
Alcohol use disorders	291, 305.0, 303
Psychoses	295, 297, 298.1, 298.2, 298.3, 298.4, 298.5, 298.6, 298.7, 298.8, 298.9, 296.0, 296.1, 296.4, 296.5, 296.6, 296.7, 296.80, 296.81, 296.89, 296.9
Drug use disorders	292, 304, 305.2, 305.3, 305.4, 305.5, 305.6, 305.7, 305.8, 305.9