

464 **Supplemental Table 1.** Demographic and employment characteristics of the United States Medical
465 Expenditure Panel Survey (MEPS) sample of employed persons (weighted n = 106,990,169) included for
466 analysis, both overall and stratified by self-rated mental health, 2008-2021.

Sample Characteristic	Initial Sample	Complete Case Sample	Imputed Sample		
			Total	Self-Rated Mental Health ^a	
				Good/Very Good/Excellent	Poor/Fair
	(Weighted n = 106,990,169)	(Weighted n = 82,144,374)	(Weighted n = 106,990,169)	(Weighted n = 102,897,090)	(Weighted n = 4,093,079)
Demographic Variables					
Sex, %					
Female	48.4	48.5	48.4	48.1	55.0
Male	51.6	51.5	51.6	51.9	45.0
Age, Mean (SD)	42.4 (13.1)	42.5 (13.0)	42.4 (13.1)	42.5 (13.1)	41.8 (13.0)
Race/Ethnicity, %					
Asian only, Non-Hispanic	6	5.6	5.95	6.06	3.26
Black/African-American only, Non-Hispanic	11.4	10.7	11.37	11.44	9.61
Hispanic	16.1	15.3	16.15	16.12	16.93
Other race, Non-Hispanic	2.4	2.4	2.39	2.34	3.58
White only, Non-Hispanic	64.1	66	64.14	64.04	66.62
Nativity Status, %					
Born in United States	82.2	83.1	82.13	81.99	85.67
Foreign-Born	17.8	16.9	17.87	18.01	14.33
Education, %	0	0	0.00	0.00	0.00
High School or Less	32.6	31.4	32.70	32.44	39.28
Some College	67.4	68.6	67.30	67.56	60.72
Family Size, Mean (SD)	2.84 (1.45)	2.78 (1.43)	2.84 (1.45)	2.85 (1.45)	2.51 (1.41)
Marital Status, %					
Single	27.9	27.6	27.9	27.7	34.5
Married	57.1	56.7	57.1	57.7	42.7
Divorced/Separated/Widowed	15	15.7	15.0	14.7	22.8
Region, %					
Northeast	18	17.5	18.0	18.0	19.2
Midwest	22.5	23.1	22.5	22.5	23.7
South	36.8	36.9	36.8	36.9	33.2
West	22.6	22.5	22.6	22.6	23.9
Occupational Group, %					
Management, Business, And Financial Operations	16.3	17	16.3	16.5	11.8
Professional And Related Occupations	26.9	28	26.9	27.0	24.8
Service Occupations	14.7	14	14.7	14.5	19.8
Sales And Related Occupations	8	7.7	8.0	7.9	8.9

Office And Administrative Support	13.1	13.1	13.1	13.1	14.2
Farming, Fishing, And Forestry	0.5	0.5	0.5	0.5	0.7
Construction, Extraction, And Maintenance	7.2	7.1	7.2	7.2	5.8
Production, Transportation, Material Moving	12	11.9	12.0	12.0	12.9
Unclassifiable Occupation	1.2	0.6	1.2	1.2	1.0
Employment Precarity Variables					
Is current main job temporary?, %					
Not temporary	96.1	96.1	96.1	96.1	95.1
Temporary	3.9	3.9	3.9	3.9	4.9
Is current main job seasonal or year round?, %					
Not seasonal	96.6	96.6	96.6	96.6	96.5
Seasonal	3.4	3.4	3.4	3.4	3.5
Length of time at current main job., %					
Greater than one year	80.8	81.3	80.8	81.0	76.8
Less than or equal to one year	19.2	18.7	19.2	19.0	23.2
Does worker currently hold more than one job?, %					
Not more than one current job	91.7	91.5	91.7	91.7	91.6
More than one current job	8.3	8.5	8.3	8.3	8.4
How many hours a week spent working?, %					
≥35	83.4	83.5	83.4	83.7	76.5
<35	16.6	16.5	16.6	16.3	23.5
How is worker paid?, %					
Salaried	39.8	41.3	39.4	39.8	30.0
Hourly, commission, or other	60.2	58.7	60.6	60.2	70.0
How much is worker paid relative to federal poverty line?, %					
≥145% Federal poverty level	82	82.9	82.0	82.4	73.6
<145% Federal poverty level	18	17.1	18.0	17.6	26.4
Does current main job provide paid vacation?, %					
Yes	75.3	75.4	75.2	75.5	68.0
No	24.7	24.6	24.8	24.5	32.0
Does current main job provide paid leave to see a doctor?, %					
Yes	64.7	65.4	64.5	64.8	56.9
No	35.3	34.6	35.5	35.2	43.1
Is health insurance offered at current main job?, %					
Yes	77.8	78.4	77.4	77.6	72.2
No	22.2	21.6	22.6	22.4	27.8
Does current main job provide paid sick leave?, %					
Yes	70.3	70.7	70.2	70.5	63.5
No	29.7	29.3	29.8	29.5	36.5
Pension plan at current main job?, %					
Yes	62.2	63.6	62.0	62.4	51.8
No	37.8	36.4	38.0	37.6	48.2
Is current main job unionized?, %					

Yes	12.6	13.2	12.6	12.6	12.6
No	87.4	86.8	87.4	87.4	87.4

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^a Defined as a binary variable (“poor/fair” or “excellent/very good/good”) by dichotomizing a Likert scale MEPS variable asking participants to rate their mental health at each round of data collection.

Supplemental Table 2. Sensitivity analyses for the association between employment precarity and self-rated mental health in a sample of employed persons (weighted n = 106,735,718) from the United States Medical Expenditure Panel Survey (MEPS), 2008-2021.

Model	OR (95% CI); Low employment precarity as referent			
	Medium Precarity		High Precarity	
Unadjusted	1.29	(1.19, 1.40)	1.72	(1.56, 1.89)
Adjusted for All Covariates ^a	1.21	(1.11, 1.32)	1.51	(1.36, 1.68)
Time-Varying Covariates Only ^b	1.23	(1.13, 1.34)	1.54	(1.40, 1.72)
Complete Cases Only ^{a,c}	1.20	(1.08, 1.33)	1.44	(1.29, 1.61)

^a Adjusted for Age, Sex, Race/Ethnicity, Nativity Status, Marital Status, Education, Family Size, Occupation, and MEPS panel number.

^b Adjusted for Age, Marital Status, Region, and Occupation.

^c n = 49,825; Weighted n = 82,144,374