

Online Supplement Tables and Figures

Impact of the Coronavirus Disease 2019 Pandemic on Physical and Mental Health of Patients With COPD: Results From a Longitudinal Cohort Study Conducted in the United States (2020-2021)

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Supplemental Table 1: Standard Questionnaires

Name	Abbreviations	Measurement	Score Range	Scoring interpretation
COPD Assessment Test ¹	CAT	Current COPD symptoms and impact on activities.	0-40	Low impact: <10 Medium: 10-15 High: 21-30 Very high:> 30
Generalized Anxiety Disorder-7 ²	GAD-7	Symptoms of anxiety over the prior 2 weeks	0-21	No symptoms: 0-4 Mild symptom:5-9 Moderate: 10-14 Severe: ≥15r
Patient Health Questionnaire ³	PHQ8	Symptoms of depression in the prior 2 weeks	0-24	No symptoms: 0-4 Mild symptom:5-9 Moderate: 10-19 Severe: ≥20
Patient Reported Outcomes Measurement Information System Social Isolation Short Form 4a ⁴	PROMIS-4a	Current feelings about connectedness to others	4-20 22.5-57*	Higher scores indicate more isolation
NIH Toolbox Items Bank v2.0 – Instrumental Support ⁵		Tangible support for activities in needed in the prior month	8-40	Higher scores indicate more support

¹Jones PW, Harding G, Berry P, Wiklund I, Chen WH, Kline Leidy N. Development and first validation of the COPD Assessment Test. *Eur Respir J.* 2009;34(3):648-54. Epub 2009/09/02. doi: 10.1183/09031936.00102509

²Spitzer RL, Kroenke K, Williams JB, Lowe B. A brief measure for assessing generalized anxiety disorder: the GAD-7. *Arch Intern Med.* 2006;166(10):1092-7. Epub 2006/05/24. doi: 0.1001/archinte.166.10.1092

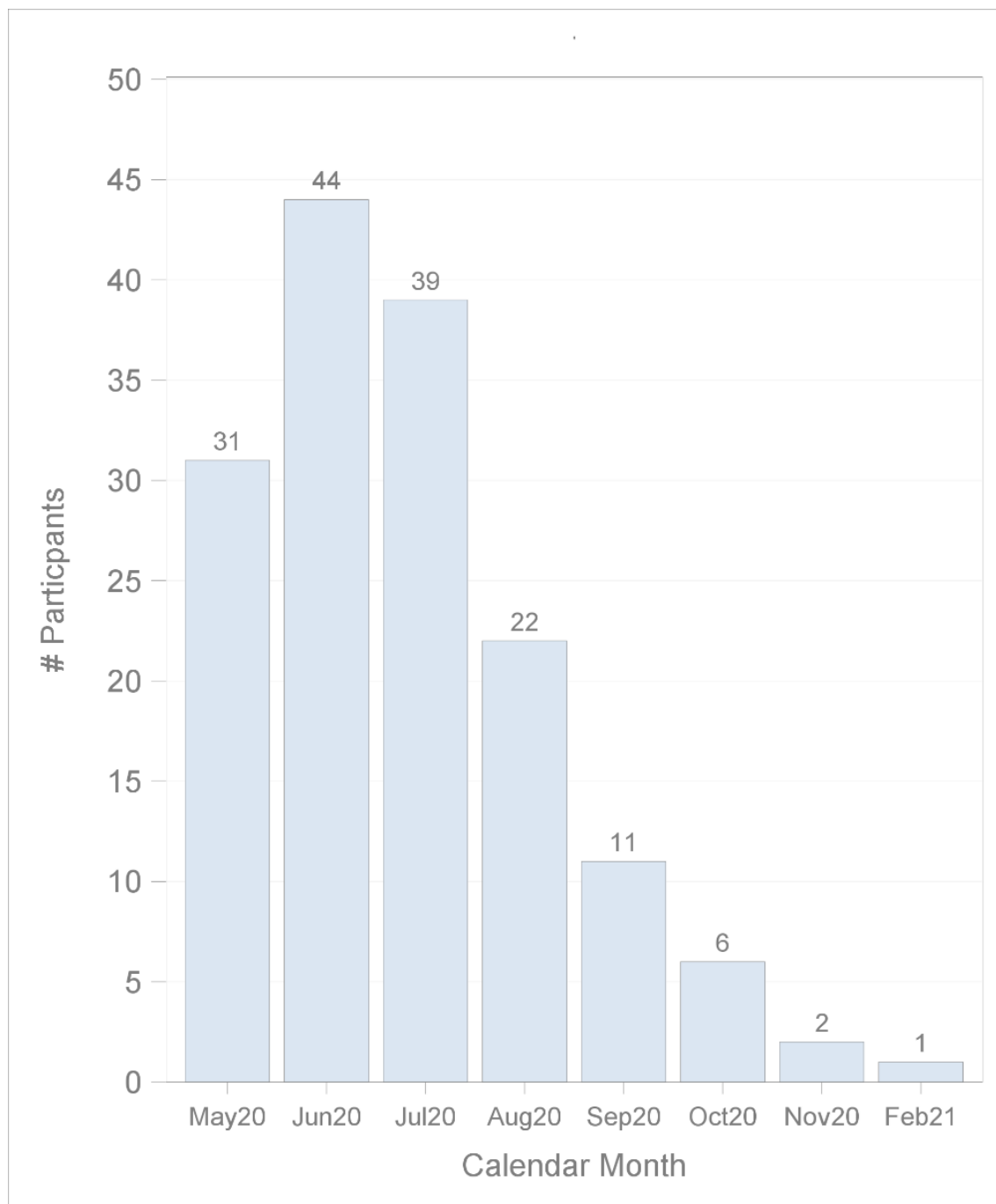
³Kroenke K, Strine TW, Spitzer RL, Williams JB, Berry JT, Mokdad AH. The PHQ-8 as a measure of current depression in the general population. *J Affect Disord.* 2009;114(1-3):163-73. Epub 2008/08/30. doi: 10.1016/j.jad.2008.06.026

⁴Cella D, Choi SW, Condon DM, Schalet B, Hays RD, Rothrock NE, et al. PROMIS((R)) Adult Health Profiles: Efficient Short-Form Measures of Seven Health Domains. *Value Health.* 2019;22(5):537-44. Epub 2019/05/21. doi: 10.1016/j.jval.2019.02.004.

⁵Cyranowski JM, Zill N, Bode R, et al. Assessing social support, companionship, and distress: National Institute of Health (NIH) Toolbox Adult Social Relationship Scales. *Health Psychol.* 2013;32(3):293-301. doi:10.1037/a0028586

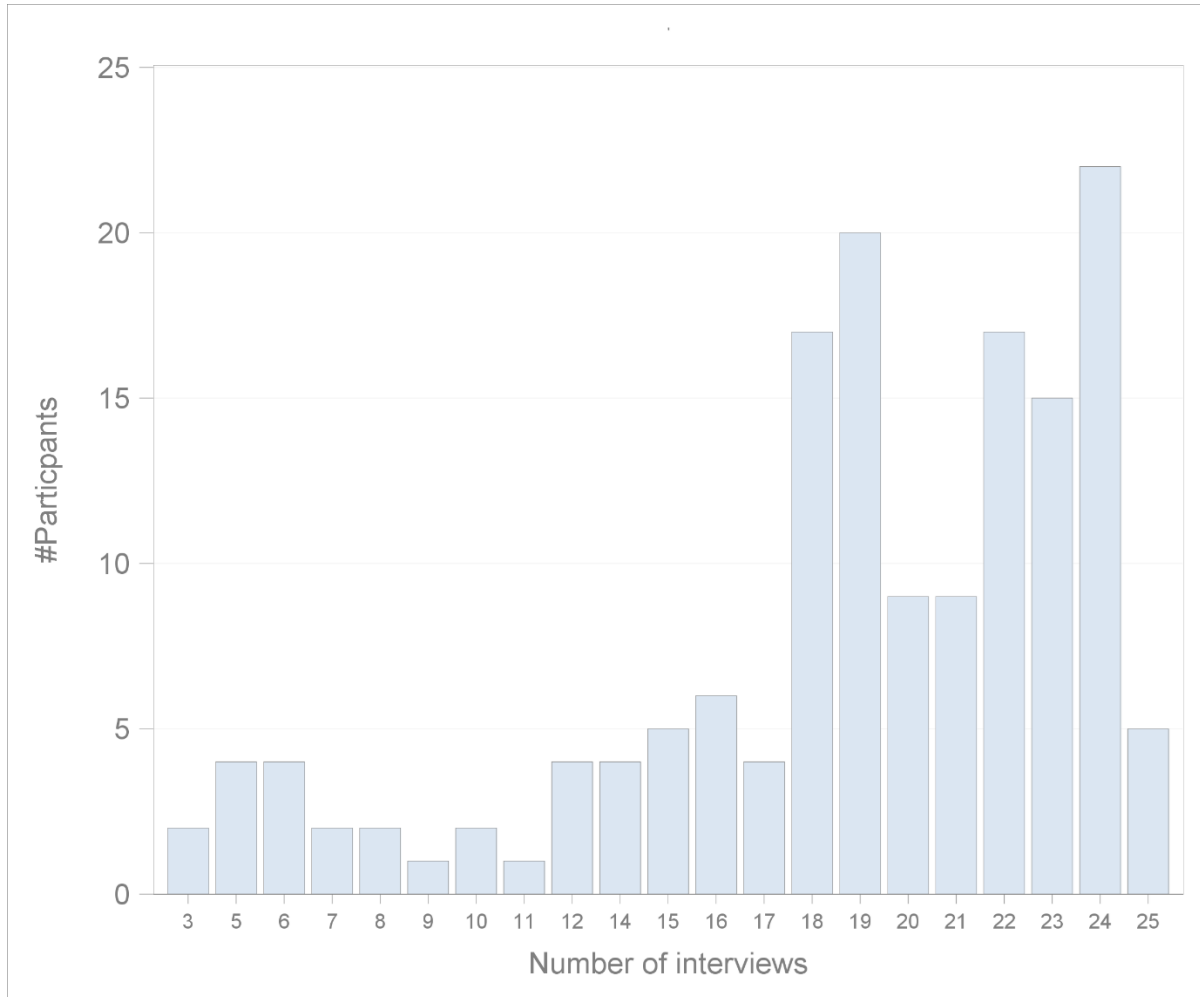
Supplement Figure 1: Enrollment by Month.

The number of participants recruited are depicted on the Y-axis and by the number on top of the bars



Supplement Figure 2: Number of surveillance (bi-weekly) interviews per participant.

The number of participants is depicted on the Y-axis and the number of interviews conducted per participants is depicted on the X-axis



Supplement Figure 3: Sources of trustworthy information at enrollment

The percentage of participants endorsing a source at the first interview for the ancillary study is on the Y-axis.

