

Supplemental material for:

Raj M, Iott B, Anthony D, Platt J. Family caregivers' experiences with telehealth during COVID-19: insights from Michigan. *Ann Fam Med.* 2022;20(1):69-71.

Supplemental Appendix

Understanding family caregivers' experiences through COVID-19

1. What is your relationship to the older adult for whom you provide the most care? You are their...
 - a. Adult child/child-in-law
 - b. Adult grandchild/in-law
 - c. Spouse/partner
 - d. Niece/nephew
 - e. Sibling
 - Other
2. What is your older relative's age in years?
3. Does your older relative live with you?
 - a. Yes
 - b. Part-time
 - c. No
4. If no (#3), where do they live?
 - a. In their own home
 - b. In a long-term care facility
 - c. In a retirement community
 - d. With another caregiver
 - e. Other (please describe)
5. Think about the older relative you provide the most care for. About how many hours per week do you spend in an average week providing care?
 - a. 0-10
 - b. 11-20
 - c. 21-30
 - d. 31-40
 - e. 40+
6. Does the older relative you provide the most care for also have any of the following conditions (please select all that apply):
 - a. Cancer
 - b. Alzheimer's, confusion, dementia, memory loss
 - c. Orthopedic/musculoskeletal conditions
 - d. Mental health/behavioral/substance use issues
 - e. Chronic conditions other than cancer (e.g., COPD, heart disease, diabetes)
 - f. Neurological/developmental issues
 - g. Acute conditions
 - h. Normal aging
7. Does your older relative have a computer or mobile device (smartphone, tablet)?
 - a. Yes

- b. No
 - c. I'm not sure
8. Does your older relative have internet access in their home or in another convenient location?
- a. Yes
 - b. No
 - c. I'm not sure
9. When your older relative uses the internet, do they access it through (please select all that apply):
- a. Dial up internet
 - b. Broadband (DSL, cable, FiOS)
 - c. A cellular network (phone, 3G/4G)
 - d. A wireless network (wi-fi)
10. Do you have a computer or mobile device (smartphone, tablet)?
- a. Yes
 - b. No
11. Do you have internet access in your home or in another convenient location?
- a. Yes
 - b. No
12. When you use the internet, do you access it through (please select all that apply):
- a. Dial up internet
 - b. Broadband (DSL, cable, FiOS)
 - c. A cellular network (phone, 3G/4G)
 - d. A wireless network (wi-fi)
13. How comfortable are you in using technology (like the online medical record) to help your older relative manage their health?
- a. Not at all comfortable
 - b. Somewhat comfortable
 - c. Fairly comfortable
 - d. Very comfortable
14. Has your older relative had any telehealth/telemedicine visits since the onset of the Covid-19 pandemic?
- a. Yes
 - b. No
 - c. I'm not sure
15. How many visits have your older relative had since the onset of the Covid-19 pandemic, by telemedicine?
- a. 1-3
 - b. 4-6
 - c. 7 or more
 - d. I'm not sure
16. Who was this visit with?
- a. General doctor (also called a primary care physician or internist)
 - b. Another provider (e.g., nurse practitioner, physician's assistant) in their general doctor's office
 - c. Specialist doctor (e.g., cardiologist, endocrinologist)
 - d. Another provider (e.g., nurse practitioner, physician's assistant) in their specialist doctor's office
 - e. Mental health care provider (e.g., psychiatrist)
 - f. Mental health care provider (e.g., psychologist, social worker)
 - g. I'm not sure
17. What was the **main purpose** of your older relative's most recent telemedicine visit?

- a. Wellness visit
 - b. Visit for a new health concern
 - c. Visit to manage a chronic or ongoing condition
 - d. Visit to request a prescription renewal
 - e. End of life
 - f. I'm not sure
 - g. Other (please describe)
18. Did you participate in the visit?
- a. Yes
 - b. No
19. If yes (#18), how did you participate?
- a. My relative called in from one line and I called in from a separate line (phone only, no video)
 - b. My relative called in from one line and I called in from a separate line (video)
 - c. Sat with my older relative and we called the doctor from the same line (phone only, no video)
 - d. Sat with my older relative and we called the doctor from the same line (video)
20. If yes (#18), how comfortable was your relative with you joining in the telemedicine visit?
- a. Not at all comfortable
 - b. Somewhat comfortable
 - c. Fairly comfortable
 - d. Very comfortable
21. If yes (#18), what device did you use to make telemedicine calls?
- a. Smartphone (iPhone, Samsung Galaxy, Android phone)
 - b. Basic cellphone
 - c. Landline Phone
 - d. Computer/laptop
 - e. Tablet computer (iPad, Microsoft Surface)
 - f. I didn't participate
22. What device did your relative use to make telemedicine calls?
- a. Smartphone (iPhone, Samsung Galaxy, Android phone)
 - b. Basic cellphone
 - c. Landline Phone
 - d. Computer/laptop
 - e. Tablet computer (iPad, Microsoft Surface)
 - f. I'm not sure
 - g. My relative called in with me
23. How difficult is it for you to access your relative's telemedicine visits?
- a. Not at all difficult
 - b. Somewhat difficult
 - c. Fairly difficult
 - d. Very difficult
24. Do you have any concerns about using telemedicine to communicate with your relative's healthcare provider?
- a. No
 - b. Yes (please describe)
25. Do you have comments to add about your experience or thoughts about telemedicine as it relates to being a family caregiver during the Covid-19 pandemic? (Open-ended)
26. What is your age (in years)?
27. What is your gender?

- a. Woman
 - b. Man
 - c. Non-binary
 - d. Prefer not to disclose
 - e. Prefer to self-describe
28. What race do you consider yourself to be? Please select all that apply.
- a. White
 - b. Black or African American
 - c. Middle Eastern or Arab American
 - d. Chinese
 - e. Filipino
 - f. Asian Indian
 - g. Vietnamese
 - h. Korean
 - i. Japanese
 - j. Other Asian (e.g. Pakistani, Cambodian, Hmong, etc.)
 - k. Native Hawaiian or Other Pacific Islander
 - l. American Indian or Alaska Native
 - m. Other (please enter race or origin)
29. Do you consider yourself Hispanic or Latino?
- a. Yes
 - b. No
30. How would you rate your health before the onset of the Covid-19 pandemic?
- a. Poor
 - b. Fair
 - c. Good
 - d. Very good
 - e. Excellent
31. How would you rate your health now, since the onset of the Covid-19 pandemic?
- a. Poor
 - b. Fair
 - c. Good
 - d. Very good
 - e. Excellent