

(MS517) TECHNOLOGY PERCEPTIONS

Q1

Thank you very much for participating in this survey. We are interested in your perceptions of technology and how technology can support everyday life. Some questions ask you to consider "technology" in general across a range of possibilities. Other questions ask you to consider specific technologies such as smartphones. Your responses are valuable and will help shape the direction of our research team's technology development aimed to optimize adults' daily experiences, functioning, and quality of life.

Q46

[Not required]

Directions: The following questions ask about your opinions on various aspects of technology. Please answer each question by selecting the choice that is most appropriate.

New technologies contribute to a better quality of life.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q47

[Not required]

Technology gives me more freedom of mobility.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q48

[Not required]

Technology gives people more control over their daily lives.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q49

[Not required]

Technology makes me more productive in my personal life.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q50

[Not required]

Other people come to me for advice on new technologies.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q51

[Not required]

In general, I am among the first in my circle of friends to acquire new technology when it appears.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q52

[Not required]

I can usually figure out new high-tech products and services without help from others.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q53

[Not required]

I keep up with the latest technological developments in my areas of interest.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)

- Strongly agree (5)

Q54

[Not required]

The rapid pace of technology change makes me less likely to adopt new technologies.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q55

[Not required]

Technology change makes it hard to keep using some technologies that I have already learned how to use.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q86

[Not required]

Directions: The following questions ask about your tablet computer or smartphone use.

Using a tablet computer or smartphone, I can use search engines (e.g., Google, Bing).

- I do not own or have access to a tablet computer or smartphone. (0)
- Never tried (1)
- Not at all (2)
- Not very easily (3)
- Somewhat easily (4)
- Very easily (5)

Q85

[Not required]

Using a tablet computer or smartphone, I can set up a password to lock and unlock the device.

- Never tried (1)
- Not at all (2)
- Not very easily (3)
- Somewhat easily (4)
- Very easily (5)

Q84

[Not required]

Using a tablet computer or smartphone, I can upgrade the device's software.

- Never tried (1)
- Not at all (2)
- Not very easily (3)
- Somewhat easily (4)
- Very easily (5)

Q56

[Not required]

Directions: Please answer each question by selecting the choice that best reflects your experience

I have thought about aging or aging well (successfully).

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q57

[Not required]

Aging well (successfully) is more important to me now than it used to be.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q58

[Not required]

Directions: Below are factors identified by adults as related to successful aging. How important is each factor to you?

Remaining in good health until close to the end of my life.

- Not Important At All (1)
- Of Little Importance (2)
- Of Average Importance (3)
- Very Important (4)
- Absolutely Essential (5)

Q59

[Not required]

Staying involved with the world and people around me.

- Not Important At All (1)
- Of Little Importance (2)
- Of Average Importance (3)
- Very Important (4)
- Absolutely Essential (5)

Q60

[Not required]

Adjusting to changes that are related to aging.

- Not Important At All (1)
- Of Little Importance (2)
- Of Average Importance (3)
- Very Important (4)
- Absolutely Essential (5)

Q62

[Not required]

Being able to take care of myself until close to the end of my life.

- Not Important At All (1)
- Of Little Importance (2)
- Of Average Importance (3)
- Very Important (4)
- Absolutely Essential (5)

Q61

[Not required]

Feeling that I have been able to influence others' lives in positive ways.

- Not Important At All (1)
- Of Little Importance (2)
- Of Average Importance (3)
- Very Important (4)
- Absolutely Essential (5)

Q63

[Not required]

Being able to work in paid or volunteer activities after usual retirement age (67).

- Not Important At All (1)
- Of Little Importance (2)
- Of Average Importance (3)
- Very Important (4)
- Absolutely Essential (5)

Q64

[Not required]

Continuing to learn new things.

- Not Important At All (1)
- Of Little Importance (2)
- Of Average Importance (3)
- Very Important (4)
- Absolutely Essential (5)

Q65

[Not required]

Being able to act according to my own inner standards and values.

- Not Important At All (1)
- Of Little Importance (2)
- Of Average Importance (3)
- Very Important (4)
- Absolutely Essential (5)

Q66

[Not required]

Not feeling lonely or isolated.

- Not Important At All (1)
- Of Little Importance (2)
- Of Average Importance (3)
- Very Important (4)
- Absolutely Essential (5)

Q67

[Not required]

Feeling good about myself.

- Not Important At All (1)
- Of Little Importance (2)
- Of Average Importance (3)
- Very Important (4)
- Absolutely Essential (5)

Q68

[Not required]

Directions: Below are everyday activities. Thinking ahead ten years, how do you feel about your ability to engage in the following activities in the future?

Take medication in correct dosages at the correct time.

- Not concerned (1)

- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

Q69

[Not required]

Thinking ahead ten years, how do you feel about your ability to go shopping/ purchase items that you need?

- Not concerned (1)
- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

Q70

[Not required]

Thinking ahead ten years, how do you feel about your ability to socialize with other people?

- Not concerned (1)
- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

Q71

[Not required]

Thinking ahead ten years, how do you feel about your ability to connect with family?

- Not concerned (1)
- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

Q72

[Not required]

Thinking ahead ten years, how do you feel about your ability to maintain the house (e.g., "heavy work domestic work")?

- Not concerned (1)
- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

Q73

[Not required]

Thinking ahead ten years, how do you feel about your ability to complete light housekeeping chores around the house?

- Not concerned (1)
- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

Q74

[Not required]

Thinking ahead ten years, how do you feel about your ability to play a game of skill, work on a hobby?

- Not concerned (1)
- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

Q75

[Not required]

Thinking ahead ten years, how do you feel about your ability to remember appointments, family occasions, and holidays?

- Not concerned (1)
- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

Q76

[Not required]

Thinking ahead ten years, how do you feel about your ability to engage in physical exercise?

- Not concerned (1)
- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

Q77

[Not required]

Thinking ahead ten years, how do you feel about your ability to participate in civic and community events?

- Not concerned (1)

- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

Q78

[Not required]

Thinking ahead ten years, how do you feel about your ability to keep track of current events?

- Not concerned (1)
- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

Q79

[Not required]

Thinking ahead ten years, how do you feel about your ability to move around your home?

- Not concerned (1)
- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

Q80

[Not required]

Thinking ahead ten years, how do you feel about your ability to travel out of your neighborhood?

- Not concerned (1)
- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

Q81

[Not required]

Thinking ahead ten years, how do you feel about your ability to maintain your memory?

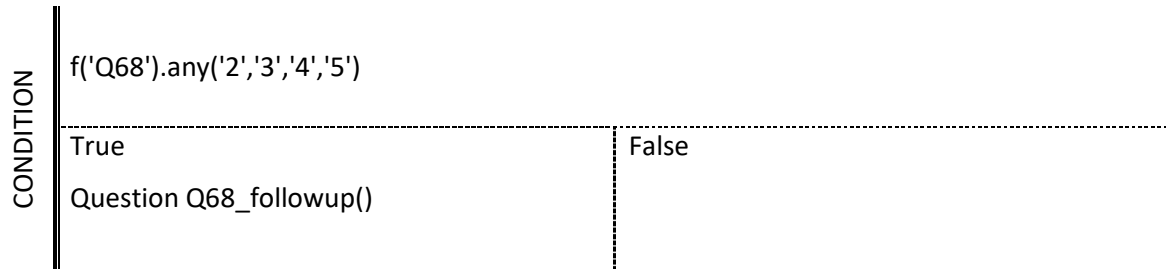
- Not concerned (1)
- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

Q82

[Not required]

Thinking ahead ten years, how do you feel about your ability to maintain your thinking and problem solving skills?

- Not concerned (1)
- Slightly concerned (2)
- Moderately concerned (3)
- Concerned (4)
- Very concerned (5)

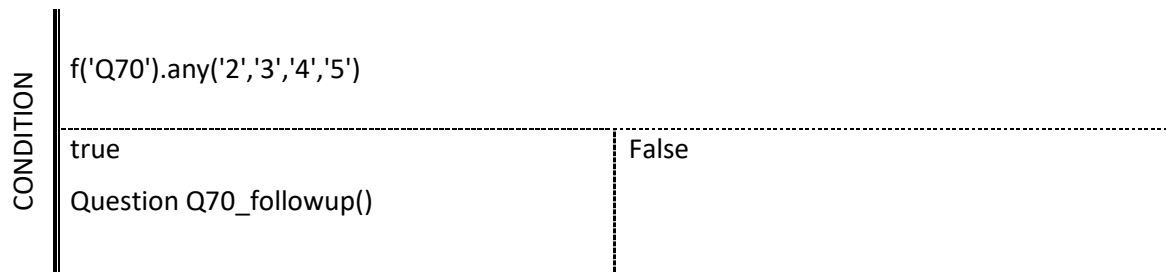
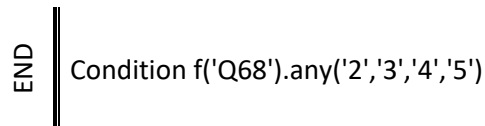


Q68_followup

[Not required]

You answered that you have some concern about your ability to "take medication in correct dosages at the correct time" in ten years. Are you currently taking actions to maintain or improve in this area?

- Yes (1)
- No (2)



Q70_followup

[Not required]

You answered that you have some concern about your ability to "socialize with other people" in ten years. Are you currently taking actions to maintain or improve in this area?

- Yes (1)
- No (2)

END | Condition f('Q70').any('2','3','4','5')

CONDITION | f('Q71').any('2','3','4','5')

CONDITION | true | False

QUESTION | Question Q71_followup()

Q71_followup

[Not required]

You answered that you have some concern about your ability to "connect with family" in ten years. Are you currently taking actions to maintain or improve in this area?

- Yes (1)
- No (2)

END | Condition f('Q71').any('2','3','4','5')

CONDITION | f('Q75').any('2','3','4','5')

CONDITION | true | False

QUESTION | Question Q75_followup()

Q75_followup

[Not required]

You answered that you have some concern about your ability to "remember appointments, family occasions, holidays" in ten years. Are you currently taking actions to maintain or improve in this area?

- Yes (1)
- No (2)

END | Condition f('Q75').any('2','3','4','5')

CONDITION	f('Q76').any('2','3','4','5')	
	true	False
	Question Q76_followup()	

Q76_followup

[Not required]

You answered that you have some concern about your ability to "engage physical exercise" in ten years. Are you currently taking actions to maintain or improve in this area?

- Yes (1)
- No (2)

END	Condition f('Q76').any('2','3','4','5')	
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CONDITION	f('Q77').any('2','3','4','5')	
	true	False
	Question Q77_followup()	

Q77_followup

[Not required]

You answered that you have some concern about your ability to "participate in civic and community events" in ten years. Are you currently taking actions to maintain or improve in this area?

- Yes (1)
- No (2)

END	Condition f('Q77').any('2','3','4','5')	
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CONDITION	f('Q79').any('2','3','4','5')	
	true	False

Question Q79_followup()

Q79_followup

[Not required]

You answered that you have some concern about your ability to "remain mobile/move around your home" in ten years. Are you currently taking actions to maintain or improve in this area?

- Yes (1)
- No (2)

END | Condition f('Q79').any('2','3','4','5')

CONDITION | f('Q80').any('2','3','4','5')

True | false

Question Q80_followup()

Q80_followup

[Not required]

You answered that you have some concern about your ability to "travel out of your neighborhood" in ten years. Are you currently taking actions to maintain or improve in this area?

- Yes (1)
- No (2)

END | Condition f('Q80').any('2','3','4','5')

CONDITION | f('Q81').any('2','3','4','5')

True | False

Question Q81_followup()

Q81_followup

[Not required]

You answered that you have some concern about your ability to "maintain your memory" in ten years. Are you currently taking actions to maintain or improve in this area?

- Yes (1)
- No (2)

END | Condition f('Q81').any('2','3','4','5')

CONDITION | f('Q82').any('2','3','4','5')

CONDITION | true | False

Question Q82_followup()

Q82_followup

[Not required]

You answered that you have some concern about your ability to "maintain your thinking and problem solving" in ten years. Are you currently taking actions to maintain or improve in this area?

- Yes (1)
- No (2)

END | Condition f('Q82').any('2','3','4','5')

Q39

[Not required]

How many medications do you take currently?

- None (0)
- 1-2 (1)
- 3-4 (2)
- 5-6 (3)
- 7 or more (4)

CONDITION | f('Q39').any('1','2','3','4')

CONDITION | True | False

Question Q39_followup()

Q39_followup

[Not required]

Taking my medicines is something that I do automatically.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q40

[Not required]

On average, how often do you forget to take you medications as prescribed?

- Never (1)
- About once a year (2)
- About once a month (3)
- About once a week (4)
- About once a day (5)
- More than once a day (6)

END

Condition f('Q39').any('1','2','3','4')

Q41

[Not required]

Directions: The following questions ask you to consider specific types of technology and their potential use in your everyday life to promote factors related to aging well (successfully) that you find important. Each technology is described.

A new method, based on something called nanotechnology, allows for multiple medications, even those taken on very different schedules, to be combined into a single pill and then taken only once a week. Did you know about nanotechnology before this survey?

- Yes (1)
- No (2)
- Not sure (3)

Q42

[Not required]

In order to maintain or improve my level of functioning as I grow older, I would be willing to switch from my current medication-taking plan to one where I can take one pill once a week.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q45

[Not required]

Nanotechnology also allows us to combine different vaccines for different virus types. It will soon be possible to get a single flu shot that would last up to 5 years, instead of the current practice of shots given once a year. Did you know about new vaccine technologies before taking this survey?

- Yes (1)
- No (2)
- Not sure (3)

Q43

[Not required]

I would prefer to have one flu shot every 5 years to having a flu shot every year.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q7

[Not required]

A virtual reality (VR) system involves wearing a device that fits over your eyes or glasses, covering your field of view and thereby immersing you in a computer-generated environment. Did you know what a virtual reality (VR) system was before this survey?

- Yes (1)
- No (2)
- Not sure (3)

Q8

[Not required]

In order to maintain or improve my level of functioning as I grow older, I would be willing to use virtual reality (VR).

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q13

[Not required]

An augmented reality (AR) system involves wearing a device that fits over your eyes or glasses and adds information to the real environment. Did you know what an augmented reality (AR) system was before this survey?

- Yes (1)
- No (2)
- Not sure (3)

Q14

[Not required]

In order to maintain or improve my level of functioning as I grow older, I would be willing to use augmented reality (AR).

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q15

[Not required]

Personal wearable devices with sensors (such as Apple watches and Fitbits) can be worn to monitor different aspects of health and well-being. Did you know what personal wearable sensors were before this survey?

- Yes (1)
- No (2)
- Not sure (3)

Q16

[Not required]

In order to maintain or improve my level of functioning as I grow older, I would be willing to use personal sensors.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q16b

[Not required]

Sensors in a home can be placed in multiple locations to achieve a variety of functions such as monitoring heat and movement such as falls. Did you know that sensors could be used in the home before this survey?

- Yes (1)
- No (2)
- Not sure (3)

Q17

[Not required]

In order to maintain or improve my level of functioning as I grow older, I would be willing to use home sensors.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q18

[Not required]

Telehealth devices (including smart phones) can allow people to send information and communicate with healthcare providers. Did you know what a telehealth device was before this survey?

- Yes (1)
- No (2)
- Not sure (3)

Q19

[Not required]

In order to maintain or improve my level of functioning as I grow older, I would be willing to use telehealth devices.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q20

[Not required]

Sensors in the environment outside of my home can be used to provide information about people (e.g., group events) and the environment (e.g., walkability of my neighborhood). Did you know sensors could be used outside of your home before this survey?

- Yes (1)
- No (2)
- Not sure (3)

Q21

[Not required]

In order to maintain or improve my level of functioning as I grow older, I would be willing to allow sensor data from the environment to be accessed and analyzed.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q22

[Not required]

Computers, phones, and speakers can follow a person's voice commands (e.g., Amazon's Alexa). Did you know computers, phones, and speakers were able to do this before this survey?

- Yes (1)
- No (2)
- Not sure (3)

Q23

[Not required]

In order to maintain or improve my level of functioning as I grow older, I would be willing to use a voice-activated device, such as Amazon's Alexa.

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)
- Somewhat agree (4)
- Strongly agree (5)

Q24

[Not required]

Information about people in their everyday life can be collected from smartphones (e.g., location, movement). Did you know smartphones could collect information before this survey?

- Yes (1)
- No (2)
- Not sure (3)

Q25

[Not required]

In order to maintain or improve my level of functioning as I grow older, I would be willing to carry a smartphone and let it collect information (e.g., location, movement).

- Strongly disagree (1)
- Somewhat disagree (2)
- Neutral (3)

- Somewhat agree (4)
- Strongly agree (5)

CS_001

[Not required]

Could you tell us how interesting or uninteresting you found the questions in this interview?

- Very interesting (1)
- Interesting (2)
- Neither interesting nor uninteresting (3)
- Uninteresting (4)
- Very uninteresting (5)

thank_you

Thank you for taking this survey. You will be redirected back to the panel portal in 10 seconds. Please click the button below if you do not wish to wait.

Back to the portal

STOP || Complete –