

Long COVID Content in the National Health Interview Survey & the Household Pulse Survey

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National Health Interview Survey



- Purpose: To monitor the health of the US population through the collection and analysis of data on a broad range of health topics
- Sample: Address-based, clustered sample of housing units from every state, to be representative of the civilian noninstitutionalized US population
- Mode: In-person interviews by Census interviewers, with follow-up by telephone
 if needed
- Questionnaire: Includes sample adult and sample child sections
- Data collection: Continuous, with quarterly and annual data files
- Sample size: Complete interviews for 27,000+ sample adults and 9,000+ sample children annually

National Health Interview Survey

Long COVID Questions



Beginning in **January 2022**, the following questions were asked of both the sample adult and the sample child respondent:

- Did [you/child's name] have any symptoms lasting 3 months or longer that you did not have prior to having coronavirus or COVID-19?
 - **Read if necessary:** Long term symptoms may include tiredness or fatigue, difficulty thinking, concentrating, forgetfulness or memory problems, sometimes referred to as "brain fog," difficulty breathing or shortness of breath, joint or muscle pain, fast-beating or pounding heart (also known as heart palpitations), chest pain, dizziness on standing, depression, anxiety or mood changes.
- Do [you/child's name] have symptoms now?

National Health Interview Survey

Long COVID Questions



Beginning in **January 2023**, the following question will be added to this series (baring last-minute edits):

- Do these long-term symptoms reduce your ability to carry out day-to-day activities compared with the time before you had COVID-19?
 - Answer Choices: Yes, a lot; Yes, a little; Not at all

Long COVID estimates based on data from the 2022 NHIS will be available in 2023.

Census Bureau



- Purpose: To monitor how the coronavirus pandemic is impacting households across the country from a social and economic perspective.
- Sample: Email and cell-phone contact frames matched to Census Bureau's Master Address File (MAF) records
- Mode: Online
- Questionnaire: Adults only
- Data collection: Began April 23, 2020, and is ongoing (currently two weeks on / two weeks off)
- Sample size: 50,000+

Long COVID Questions



- The NHIS questions on long COVID were added to the Household Pulse Survey at the start of Phase 3.5 (on June 1, 2022).
- Beginning in Phase 3.6 (September 14, 2022), the following question was added to the survey:
 - Do these long-term symptoms reduce your ability to carry out day-to-day activities compared with the time before you had COVID-19?
 - Answer Choices: Yes, a lot; Yes, a little; Not at all

Long COVID Estimates

EXPERIMENTAL DATA

September 14-26, 2022 (Week 49)

Sample size: 50,258

Response rate: 4.7%

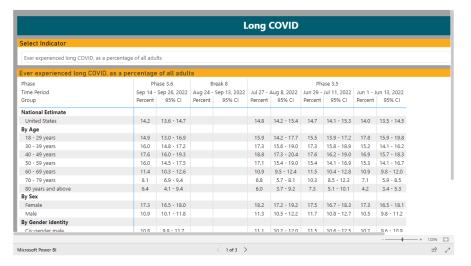
Estimates:

- Ever/current long COVID
- Any/significant activity limitation from long COVID

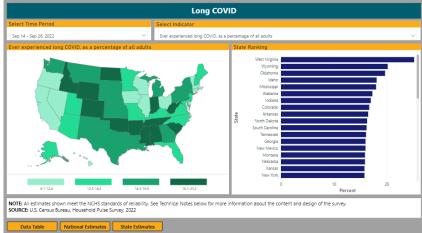
Universe:

- All adults in the U.S.
- Among adults who had COVID

Long COVID Estimates







Long COVID Estimates



Among all U.S. adults

 Percentage who ever had COVID: 	48.2%
 Percentage who ever had long COVID: 	14.2%
 Percentage who currently have long COVID: 	7.2%

Among adults who have had COVID

	Percentage who ever had long COV	D: 29.6%
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Percentage who currently have long COVID: 15.0%

Long COVID Estimates



Among all U.S. adults

Percentage who have long COVID that impacts their day-to-day activities

at least a little (any)

5.9%

a lot (significant)

1.8%

Among adults who currently have long COVID

Percentage who have long COVID that impacts their day-to-day activities

at least a little (any)

81.4%

a lot (significant)

25.1%

Long COVID Estimates



- Our dashboards include estimates by the following covariates:
 - Age
 - Sex
 - Sexual orientation
 - Gender identity
 - Race and Hispanic origin
 - Educational attainment
 - Disability status
 - State

Upcoming Household Pulse Survey Releases

Week 50: October 26

Week 51: November 29

NCHS:

https://www.cdc.gov/nchs/covid19/health-care-access-and-mental-health.htm

Census:

https://www.census.gov/data/experimental-data-products/household-pulse-survey.html



For more information, contact CDC 1-800-CDC-INFO (232-4636) TTY: 1-888-232-6348 www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

