

The National Institutes of Health (NIH) Environmental influences on Child Health Outcomes (ECHO) COVID-19 Task Force led the development of the ECHO COVID-19 questionnaires. The Task Force, co-chaired by ECHO investigators Tracy Bastain, PhD, and Carrie Breton, PhD, of the Keck School of Medicine at the University of Southern California, and comprised of 21 additional cohort investigators as well as representatives from the ECHO NIH Program Office, Coordinating Center (CC), Data Analysis Center (DAC), and Person-Reported Outcome (PRO) Core, developed questionnaires for pregnant women and caregivers, children ages 0 to 12 years old (via parent report), and adolescents ages 13 years and older (via self-report). The purpose of these questionnaires is to assess the impact of being infected with and living during the time of the COVID-19 outbreak. Questionnaire content included original items developed by the Task Force as well as modified items from existing surveys and source materials outlined below (in alphabetical order).

1. Acute Stress Disorder Scale, designed by Julie Herbstman, PhD, Columbia University Mailman School of Public Health; Amy Margolis, PhD, Columbia University Irving Medical Center; and Molly Algermissen, PhD, New York State Psychiatric Institute (NYSPI), Columbia University.
2. Adolescent Social Connection & Coping during COVID-19 Questionnaire (04.05.20), designed by Jennifer Pfeifer, PhD, University of Oregon Center for Translational Neuroscience.
3. Assessment of COVID-19 Experiences for Adolescents research tracker and facilitator, led by Jennifer Pfeifer, PhD, University of Oregon Center for Translational Neuroscience, and Cecile Ladouceur, PhD, University of Pittsburgh.
4. Center for Disease Control (CDC) Self-Checker Survey: <https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>.
5. Center for Disease Control (CDC) COVID-19 Community Survey Question Bank.
6. The Collaborating Consortium of Cohorts Producing NIDA Opportunities (C3PNO) COVID-19 survey.
7. Johns Hopkins University COVID-19 and Mental Health Measurement Working Group, Department of Mental Health, Johns Hopkins Bloomberg School of Public Health.
8. McNally JW, Lavender KM, Levenstein MC. ICPSR Working Paper 2: Best Practices for Measuring Social, Behavioral, and Economic Impact of Epidemics. Ann Arbor, MI: ICPSR, University of Michigan; 2020.
9. New York University (NYU) Children's Health and Environment Study (CHES) Cohort survey, designed by the NYU Grossman School of Medicine cohort center team led by Leonardo Trasande, MD, MPP, NYU Langone Health.
10. Thomason Graham Perinatal Survey for the Covid-19 and Perinatal Experiences (COPE) Study, designed by Moriah Thomason, PhD, NYU Langone Health; Alice Graham, PhD, Oregon Health and Science University; Elinor Sullivan, PhD, Oregon Health and Science University; and Michelle VanTieghem, PhD, NYU Langone Health.
11. World Health Organization (WHO). Global surveillance for COVID-19 caused by human infection with COVID-19 virus. WHO reference number: WHO/2019-nCoV/SurveillanceGuidance/2020.6. 20 March 2020. [https://www.who.int/publications-detail/global-surveillance-for-human-infection-with-novel-coronavirus-\(2019-ncov\)](https://www.who.int/publications-detail/global-surveillance-for-human-infection-with-novel-coronavirus-(2019-ncov)).

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