

U.S. Census Bureau Household Pulse Survey (HPS) and Business Trends and Outlook Survey (BTOS)

**New Jersey State Data Center Affiliate Meeting
October 4, 2023**

Any opinions and conclusions expressed herein are those of the author and do not represent the views of the U.S. Census Bureau.

Impetus for the Pulse Surveys

Addressing a Need for Real-Time Data on the Social and Economic Impacts of COVID-19

- With circumstances changing rapidly, the Census Bureau sought to address an urgent need for near real-time data as American families and businesses experience rapid and unprecedented disruptions during the COVID-19 pandemic.
- The Pulse Surveys were designed to deploy *quickly and efficiently*.
- We were able to leverage existing Census Bureau infrastructure and data assets for current economic and demographic surveys to design and implement the surveys.
- Engagement with other federal agencies to solicit questionnaire content resulted in surveys that covered a range of topics related to social and economic impacts that were important to multiple federal and state programs with a minimum of public burden.

Two Populations, Two Surveys

Business Trends and Outlook Survey (BTOS)

Successor survey to the Small Business Pulse Survey, with the goal of producing near real-time data products and capture the ongoing pulse of the economy.

Timeline for BTOS Data Collection

Every two weeks, July 2022 – current

Partners

Small Business Administration
Federal Reserve Board of Governors
International Trade Administration
Minority Business Development Administration
Bureau of Economic Analysis
National Telecommunications and Information Administration
Bureau of Labor Statistics
U.S. Department of Health and Human Services

Household Pulse Survey (HPS)

Designed to understand impacts of Covid-19 on American families relating to employment, food security, housing, health and educational disruption

Timeline for HPS Data Collection

April 23, 2020 – Current

Partners

Bureau of Labor Statistics
National Center for Health Statistics
Housing and Urban Development
National Center for Education Statistics
Office of Management and Budget
USDA Economic Research Service
Centers for Disease Control
Maternal and Child Health Bureau
National Institute for Occupational Safety and Health
Department of Defense
Office of Management and Budget

An Overview of the Household Pulse Survey

**New Jersey State Data Center Affiliate Meeting
October 4, 2023**

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U.S. Census Bureau

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Household Pulse Survey



- The Household Pulse Survey (HPS) was developed to address the need for ongoing and more timely insight into the impacts of the Covid-19 Pandemic on American households.
- The development of HPS involved collaboration with five other Federal agencies and OMB.
- Data collection was completed in one- then two-week and now monthly cycles using a single mode (the internet) because the Census Bureau had suspended its field and production center operations.
- A sample of one million households was selected for each cycle. At the end of each cycle of data collection, the data were processed, and estimates released at national and state levels and for the 15 largest metropolitan areas, enabling policy-makers to track dynamics across multiple dimensions in near real time.
- As the pandemic persisted survey questions were revised, removed or added as information needs changed.
- HPS represents a new approach for producing Federal statistics that are timely and relevant, while preserving the integrity and transparency for which Federal statistics are known.
- Experimental data collection – proof of concept – accepting that this does not meet regular program quality standards

Household Pulse Survey Overview

Household Pulse Survey (HPS)

Designed to understand impacts of Covid-19 on American families relating to employment, food security, housing, health and educational disruption

Timeline for HPS Data Collection

April 23, 2020 – Current

Partners

Bureau of Labor Statistics (BLS)
Bureau of Transportation Statistics (BTS)
Centers for Disease Control and Prevention (CDC)
Consumer Financial Protection Bureau (CFPB)
Department of Defense (DOD)
Energy Information Administration (EIA)
Department of Health and Human Services (HHS-ASPE)
Department of Housing and Urban Development (HUD)
Food and Drug Administration (FDA)

Maternal and Child Health Bureau (MCHB)
National Center for Education Statistics (NCES)
National Center for Health Statistics (NCHS)
National Center for Immunization and Respiratory Diseases (NCIRD)
National Institute for Occupational Safety and Health (NIOSH)
USDA Economic Research Service (USDA-ERS)
USDA Food and Nutrition Service (USDA-FNS)
The White House Council of Economic Advisers (CEA)
The White House Domestic Policy Council (DPC)

Platform: Qualtrics

Frame

Census Contact Frame (existing email and cell-phone frames)
Matched to Census Bureau's Master Address File (MAF) records
Email and text invitations to take an online survey



Current Content

Basic demographics

Age, race, Hispanic origin, marital status, educational attainment
SOGI (Census/OMB/DPC)
Disability status (NCHS/CDC)
Armed forces status (DOD)

Employment questions

Employment and employment income (BLS/Census)
Unemployment Insurance receipt (BLS)
Spending source of funds (BLS)
Series on expenditures and price increases (BLS)
Essential worker occupations (NIOSH)
Telework (BTS)

Food security questions

Past and current food sufficiency (USDA-ERS)
Free meals (USDA-ERS)
SNAP and WIC receipt (USDA-ERS)
Infant Formula Access and Use (USDA-FNS)

Health questions

Health insurance (NCHS/Census)
Medicaid Coverage (HHS-ASPE)

Vaccination/booster receipt (CDC/HHS-ASPE)
Children's vaccination/booster receipt (CDC/HHS-ASPE)
Long Covid and Ability to Carry Out
 Day-to-Day Activities (NCHS)
Covid Testing and Diagnosis (HHS-ASPE)
Covid Treatments (HHS-ASPE)
Pediatric Mental Health Treatment (MCHB)
Mental Health Symptoms (NCHS)
Difficulty with Self Care (NCHS)

Housing questions

Tenure (HUD)
Living quarters (HUD)
Rent and mortgage current payment status (HUD)
Eviction and foreclosure expectations (HUD)
Feelings of pressure to move (HUD)
Months behind on rent/mortgage (CFPB)
Use of rent assistance (CFPB)
Energy assistance and use (EIA)
Natural disaster displacement (Census)

Education questions

K-12 Enrollment (NCES)

Interactive Data Tool – Difficulty Paying for Usual Household Expenses

An official website of the United States government



Census.gov / Our Surveys & Programs / Household Pulse Survey / Data / Household Pulse Survey Interactive Tool

Household Pulse Survey

Feedback



Select an Estimate:

Difficulty Paying for Usual H...

Filter Map and Table By:

States: New Jersey

Metro Areas: ---

Select Data Collection Range:

August 23 - September 4, 2...

Show: States

Clear Selections

[Download all data](#)

Phase 3.10
The Household Pulse Survey is designed to deploy quickly and efficiently, collecting data on a range of ways in which people's lives have been impacted by the pandemic. Data will be disseminated in near real-time to inform federal and state response and recovery planning.

Notes:

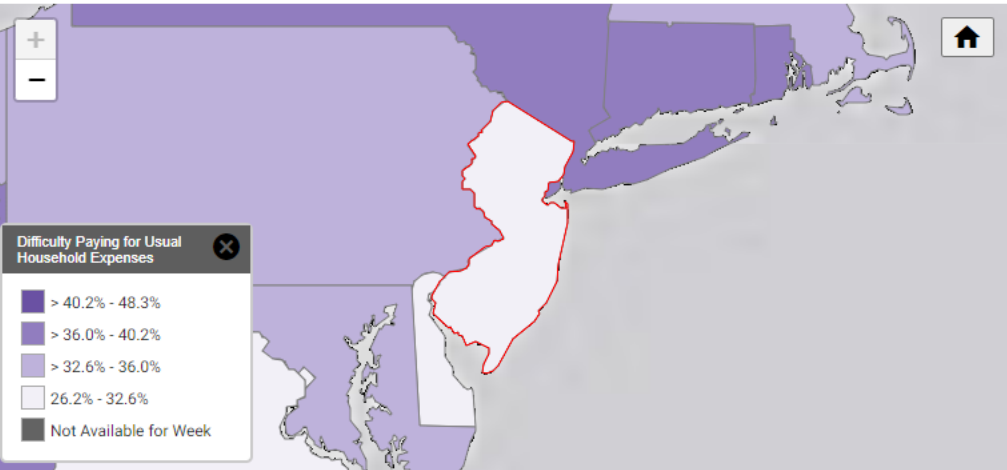
[Please see the Household Pulse Survey Technical](#)

Difficulty Paying for Usual Household Expenses

Percentage of adults in households where it has been somewhat or very difficult to pay for usual household expenses in the last 7 days

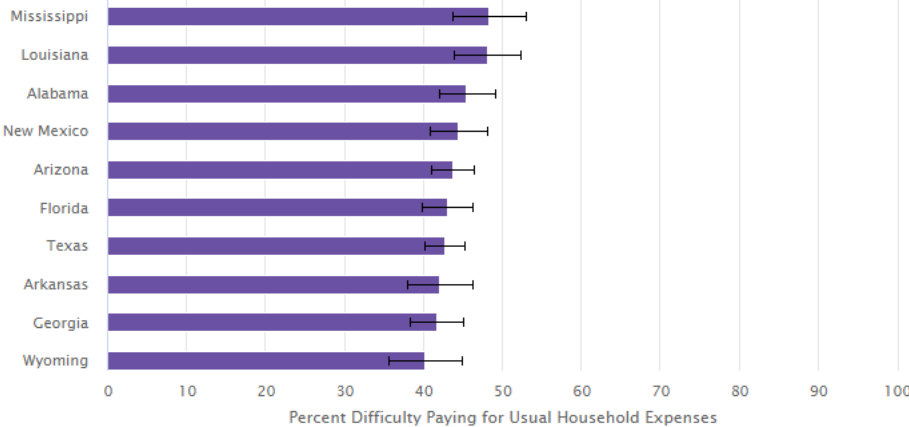
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Week 61 (August 23 - September 4, 2023)



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Week 61 (August 23 - September 4, 2023)



Source: U.S. Census Bureau, Household Pulse Survey

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Difficulty Paying for Usual Household Expenses: Adults in households where it has been somewhat or very difficult to pay for usual household expenses in the last 7 days

		Total Difficulty Paying for Usual Household Expenses			Percent Difficulty Paying for Usual Household Expenses				
Area	Week	Number	Margin of Error +/-	Percent	Percent Margin of Error +/-	Measure Universe	Total Population age 18+		
United States	61 - August 23 - September...	83,043,922	1,417,116	37.3	0.6	222,583,666	254		
States									

Is this page helpful?
Yes No

Interactive Data Tool – Likelihood of Eviction or Foreclosure

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Household Pulse Survey

Feedback



Select an Estimate:

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Notes:

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Likelihood of Eviction or Foreclosure

Percentage of adults in households not current on rent or mortgage where eviction or foreclosure in the next two months is either very likely or somewhat likely

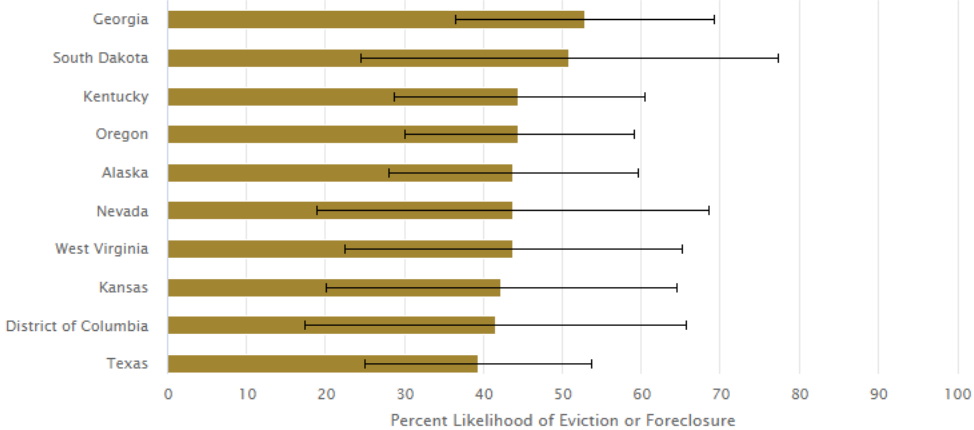
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Week 61 (August 23 - September 4, 2023)



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Week 61 (August 23 - September 4, 2023)



Source: U.S. Census Bureau, Household Pulse Survey

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Likelihood of Eviction or Foreclosure: Adults in households not current on rent or mortgage where eviction or foreclosure in the next two months is either very likely or somewhat likely

		Total Likelihood of Eviction or Foreclosure		Percent Likelihood of Eviction or Foreclosure			
Area	Week	Number	Margin of Error +/-	Percent	Percent Margin of Error +/-	Measure Universe	Total Population age 18+
United States	61 - August 23 - September...	3,550,014	375,547	29.5	2.7	12,016,587	254
States							

Is this page helpful?

👍

Yes

👎

No

Is this page helpful?

Yes No

Food Table 2. Food Sufficiency for Households with Children, in the Last 7 Days

	A	B	C	D	E	F	G
1	Food Table 2. Food Sufficiency for Households with Children, in the Last 7 Days, by Select Characteristics: New Jersey						
2	Source: U.S. Census Bureau Household Pulse Survey, Week 61.						
3	Note: These data are experimental. Users should take caution using estimates based on subpopulations of the data – sample sizes may be small and the standard errors may be large.**						
4	Total Population 18 Years and Older in Households with Children						
5			Food sufficiency in the last 7 days				
6	Select characteristics	Total	Enough of the kinds of food wanted	Enough food, but not always the kinds wanted	Sometimes not enough to eat	Often not enough to eat	Did not report
8	Total	2,749,039	1,346,437	704,543	175,368	17,603	505,087
9	Age						
10	18 - 24	65,231	14,345	24,693	-	-	26,193
11	25 - 39	942,557	467,844	246,230	73,619	5,015	149,849
12	40 - 54	1,208,144	625,065	295,004	68,834	4,598	214,643
13	55 - 64	283,786	119,214	66,205	32,915	-	65,452
14	65 and above	249,320	119,969	72,410	-	7,990	48,950
15	Sex at birth						
16	Male	1,162,352	593,198	361,572	34,076	9,613	163,894
17	Female	1,586,686	753,240	342,971	141,292	7,990	341,193
18	Gender						
19	Cisgender male	1,113,827	573,453	332,791	34,076	9,613	163,894
20	Cisgender female	1,528,287	748,483	331,292	141,292	7,990	299,230
21	Transgender	17,097	6,931	-	-	-	10,166
22	None of these	39,619	7,822	-	-	-	31,798
23	Did not report	50,209	9,748	40,461	-	-	-
24	Sexual orientation						
25	Gay or lesbian	13,282	5,557	5,641	-	-	2,084
26	Straight	2,564,494	1,302,471	611,900	168,550	17,603	463,970
27	Bisexual	75,184	26,831	48,354	-	-	-
28	Something else	6,818	-	-	6,818	-	-
29	I don't know	41,712	3,127	20,334	-	-	18,251
30	Did not report	47,549	8,452	18,315	-	-	20,783
31	Lesbian, Gay, Bisexual and Transgender						
32	Yes	100,006	33,762	53,995	-	-	12,249
33	No	2,473,291	1,283,527	571,439	168,550	17,603	432,172
34	Other	77,983	10,949	20,334	6,818	-	39,883
35	Did not report	97,758	18,200	58,775	-	-	20,783
36	Hispanic origin and Race						
37	Hispanic or Latino (may be of any race)	668,503	200,899	271,713	49,630	-	146,261
38	White alone, not Hispanic	1,229,240	724,863	248,246	66,304	5,015	184,812
39	Black alone, not Hispanic	469,451	180,195	134,288	46,222	-	108,747



Economic Hardship Declined in Households With Children as Child Tax Credit Payments Arrived



POPULATION

Adults in Households With Children More Likely to Report Loss in Employment Income During COVID-19

The U.S. Census Bureau’s new Household Pulse Survey shows that adults living with children are especially likely to experience lost income and food



POPULATION

Around Half of Unvaccinated Americans Indicate They Will “Definitely” Get COVID-19 Vaccine

The Household Pulse Survey provides insight into attitudes toward COVID-19 vaccines.



Working From Home During the Pandemic



Those Who Switched to Telework Have Higher Income, Education and Better Health



Population

LGBT Adults Report Anxiety, Depression at All Ages

The Census Bureau’s Household Pulse Survey provides insight into the mental health and well-being of the LGBT population.



LGBT Community Harder Hit by Economic Impact of Pandemic



Calling In Sick or Going on Vacation, Workers Aren't Showing Up This Summer

Some companies report difficulty keeping operations going due to illness and vacations, saying that maintaining workforces is tougher than at any previous time during the pandemic.

www.wsj.com



Inflation is making homelessness worse

Rising prices and soaring rents are taking their toll across the country

By Abha Bhattarai and Rachel Siegel
July 3, 2022 at 8:00 a.m. EDT

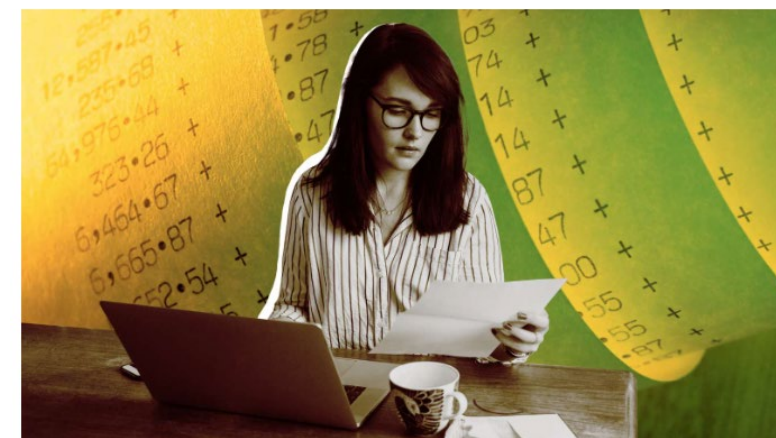


40% of Americans Are Struggling to Pay Their Bills Right Now

Author: Adam Hardy

Published: Jul 22, 2022 | 5 min read

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Money; Getty Images



How Many People Have Long COVID? The Statistics Are 'Pretty Scary'

Long COVID threatens to amass into a new wave of chronic illness with ramifications for health care systems and the economy for years to come.

www.usnews.com

Household Pulse Resources



Household Pulse Survey Main Page:

<https://www.census.gov/householdpulsedata>

Technical Documentation:

<https://www.census.gov/programs-surveys/household-pulse-survey/technical-documentation.html>

Survey Respondent Overview:

<https://www.census.gov/programs-surveys/household-pulse-survey.html>

Contact

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