DATA USERS' GUIDE

National Education and Attainment Survey (NEAS) Public Use File

FEBRUARY 2018

PRESENTED TO:
LUMINA FOUNDATION

PRESENTED BY:
NORC AT THE UNIVERSITY OF CHICAGO

NORC

at the UNIVERSITY *of* CHICAGO

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Study Overview

In December 2016, Lumina Foundation issued a grant to NORC at the University of Chicago to further assess levels of education of attainment of adults in the United States. This study - National Education and Attainment Survey (NEAS) – was fielded in 2017. NORC and Lumina Foundation had first partnered in 2015 to conduct the National Education and Employment Study (NEES)[1], which was a national study of adults in the United States. The goal of that study was to determine the percentage of adults who hold high quality certificates, licenses, or certifications. The 2017 NEAS was a larger effort that furthers the capture of information on education attainment, providing Lumina with timely data regarding the count of post-secondary degrees, certificates, licensees, certifications, and apprenticeship rates. Through a 15-minute multi-mode survey, the NEAS sample were asked about their education credentials and work history. The results of this effort were used to inform Lumina's objectives for its Goal 2025 initiative[2]. Lumina—through Goal 2025—is committed to improving the nation's postsecondary education system by increasing the proportion of Americans that hold a degree, certificate or other high-quality postsecondary credential to 60 percent by the year 2025. By ensuring access to higher-education opportunities after high school, more individuals will ultimately achieve a greater earning capacity, which in turn leads to better quality of life, stronger economies, and thriving communities, as well as a stronger nation overall.

The NEAS was administered in both web and hard-copy (Paper and Pencil Administered Interview, or PAPI) modes over a 5-month data collection period, surveying 6,345 respondents across the country between the ages of 18 and 64.

Lumina's Program Officer for this study was Dr. Amia Foster and NORC's Project Director was Cynthia Simko. If users have any questions, they may contact neas@norc.org.

This Public Use Data File (PUF) has been created to meet the goal for transparency and to ensure these data are available for further analysis. The following User's Guide provides critical information for researchers who wish to conduct analyses on the NEAS data.

Related Reports

Two useful related reports are listed below:

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[1] NEES results, reports and products can be found here: http://www.norc.org/Research/Projects/Pages/national-education-and-employment-study.aspx

[2] The Lumina Foundation. *Goal 2025*. Accessed April 12, 2016. Available from https://www.luminafoundation.org/goal_2025

- 2017 National Employment and Attainment Survey (NEAS) Methodology Report

  ▶ A methodology report posted by staff at NORC.
  Visit http://www.norc.org/Research/Projects/Pages/national-education-and-attainment-survey.aspx to access the full report.

- A Stronger Nation (2017)

  ▶ A report posted by the Lumina Foundation incorporating information from NEES.
  Visit http://strongernation.luminafoundation.org/report/2017/#nation to access the full report.

Sample Design

The NEAS sample frame was designed to select a nationally representative sample of adults between the ages of 18 to 64. To represent this population, NORC constructed a sampling frame from the United States Postal Service (USPS) computerized delivery sequence file (CDS) and then each household address was geocoded and linked to a census tract to support sample stratification by region and race/ethnicity.

Questionnaire Overview

The English questionnaire for NEAS is provided in Appendix A. A copy of the Spanish questionnaire is available upon request.

The NEAS questionnaire was designed using questions from NEES survey, the Current Population Survey (CPS), and the Survey of Earned Doctorates (SED). The newly designed survey was tested for cognitive processing and question flow via a series of cognitive interviews before being finalized. The final NEAS questionnaire asked a nationally representative sample of adults between the ages of 18 and 64 (see *Sample Design* section) a total of 51 questions in the following topic areas:

- Education (highest level, field of study, etc.)
- Certifications and licenses (acquisition, type, preparation, etc.)
- Certificates (acquisition, type, preparation, etc.)
- Apprenticeships (completion status, type of apprenticeships, etc.)
- Employment (jobs, full-/part-time status, job title, salary, etc.)
- Background (marital status, race/ethnicity, etc.)

Data Processing

Upon completion of the data collection effort, data were processed through several steps to create the final PUF.

Sampling Weights

NORC's sampling team created and applied sampling weights to each complete and partial case. (Partial cases were defined as having responses through Question 47). A final weight was computed for every respondent to support relatively unbiased estimation. The final analysis weights were calculated in four steps, as discussed below.

First, we calculated the household level base weight to account for the sample design. The base weight was calculated for every sample household as the ratio of the total number of households in the frame to the total number of sampled households per stratum.

The base weights were then adjusted to compensate for unknown eligibility, nonresponse among eligible households, and frame under-coverage. To support these adjustments, we classified the full sample into four response categories: eligible respondents, eligible non-respondents, unknown eligibility, and known ineligible cases.

The household level weights then needed to be converted to individual level weight. As part of data collection, we obtained from respondents the number of adults in the households who were 18 to 64 years of age. This information was used to convert the household weight to the individual weight.

Finally, we applied a raking ratio adjustment procedure to adjust the individual weight such that the weighted sample counts matched the population counts by region, age group, gender, race/ethnicity, and education attainment. The population counts were based on the Current Population Survey (CPS) totals.

Data users must use the sampling weights to calculate unbiased estimators of population parameters of interest. Unweighted analyses may be biased because different segments of the population may have very different selection probabilities and/or response rates.

Other processing edits

Some of the items in the survey included open-ended or other specific questions. All open-ended responses were reviewed and backcoded into the existing code frame where possible. Q7b (Please provide

the field of study that best describes this degree or certificate?) was coded using the codeframe for Q4 (Which one of the following best describes the field of study for the highest level of school you have completed?). Q11 (What is the name of your most important certification or license?) used the NEES code frame developed for this question during the development of the NEES PUF file[3]. This code frame was developed using a two-stage coding approach that initially applied the National Survey of College Graduates (NSCG) certification codes[4] at Stage 1, followed by a combination of NSCG and Adult Training and Education Survey (ATES) Pilot Study[5] frames for broad category grouping at Stage 2. NORC also applied a two-stage process for Q12 (What kind of work is your most important certification or license used for?) and Q40 (What kind of business or industry was this?). Both questions used the Census 2012 Industry code frame[6].

NEAS survey respondents were notified of the creation of the Public Use File at the time of data collection. Furthermore, data in the PUF have been treated to protect the privacy of survey respondents and minimize disclosure risk. See *Disclosure Treatment and Data Limitations* in the Analysis section below for more information.

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[3] NEES results, reports and products can be found here: http://www.norc.org/Research/Projects/Pages/national-education-and-employment-study.aspx

[4] United States Census Bureau, U.S. Department of Commerce, Economics and Statistics Administration. *2015 National Survey of College Graduates (NSCG) Certification Coding.* (Washington DC, 2015).

[5] United States Census Bureau, U.S. Department of Commerce, Economics and Statistics Administration, *Credentials for Work Survey Part of the 2014 National Household Education Survey* "TABLE B. FIELD OF CERTIFICATION OF LICENSE CODES FOR QUESTION 5b, p.7". (NHES-2B) (Washington DC, 2014).

[6] United States Census Bureau. *Census 2012 Industry Code List.* Retrieved from http://www.census.gov/people/io/methodology/.

Analysis

Data from the NEAS Public Use File can be used for a variety of analyses concerning the education and attainment of the U.S. population in the target age range. The NEAS captured data on non-degree based education credentials such as certifications, licenses, certificates, and apprenticeships, and their impact on employment outcomes. Specifically, the data can be utilized to look at those with a high-quality certificate, license, certifications, or apprenticeships as their highest credential.

Users should note that numbers from the NEAS published by Lumina Foundation may be based on the final restricted version of the data and therefore will not exactly match the data from the PUF. Differences are attributable to changes involved in the disclosure risk treatment (see below). Although exact numbers may not match, the restricted use NEAS data and the NEAS PUF allow users to draw the same inferences in most cases. The only exceptions may be in some utility and reliability loss for select, recoded and/or suppressed variables (See below section on data limitations).

Disclosure Risk Treatment and Data Limitations

Lumina Foundation and NORC maintain strict confidentiality standards for their survey respondents. Data in the PUF have been treated to protect the privacy of survey respondents and minimize disclosure risk. For the purposes of this PUF, disclosure risk was determined to be very low because the sample was drawn from a national sampling frame, and as such, there are with minimal variables that are assumed to be known to outside parties that could be used to identify and learn information about a respondent.

The primary method to limit disclosure was global recoding of open ended responses. Global recoding is the operation where variables are redefined to be less specific for the purpose of making cases less identifiable. Variables were recoded to reduce the number of values a recoded variable could take and eliminate unique values. Variables recoded in this way for the PUF include: Q11, Q12, and Q40. Q41 and Q42 were removed from the PUF rather than being recoded.

Global recoding is often used in conjunction with local suppression, as was used in the NEES PUF developed in 2016. Global recoding is preferred to local suppression as global recoding makes information less specific while local suppression remove information completely, for a subset of cases. It was determined that local suppression would not be necessary for the NEAS PUF because the entire sampling frame is a national address list constructed from the USPS's Delivery Sequence File (DSF), and that geographic information is limited to broad geographic regions. The scale of the sampling frame and lack of specific geographic information also make the evaluation of equivalency classes unnecessary.

Recommendations

The variables in the NEAS PUF have not been significantly altered, so analysis performed using the NEAS PUF will be representative of the results that would be obtained using the restricted data. The primary change to the data consisted of the recoding of open ended response variables, which also delivers analytic value by standardizing variable values to a limited number of generalized values.

Data Layout

Variable	Label	Index Number	Type	Variable Length
PUF_ID	Public Use File ID	1	Numeric	8
FINAL_WEIGHT	Final Weight	2	Numeric	8
REGION	Census Region	3	Character	20
STRATUM1	1st Phase Stratum	4	Character	20
LANG	Would you like to continue this survey in English or Spanish?	5	Numeric	3
Q1_HS	People can get a High School diploma in a variety of ways, such as graduating from High School or by getting a GED or other equivalent. Do you have a High School diploma?	6	Numeric	3
Q2_COL_CREDIT	Have you earned any college credit or completed a college degree?	7	Numeric	3
Q3_Q3_A_R	Which of the following degrees have you completed? a. Associate's degree	8	Numeric	3
Q3_Q3_B_R	Which of the following degrees have you completed? b. Bachelor's degree	9	Numeric	3
Q3_Q3_C_R	Which of the following degrees have you completed? c. Master's degree	10	Numeric	3
Q3_Q3_D_R	Which of the following degrees have you completed? d. Professional degree	11	Numeric	3
Q3_Q3_E_R	Which of the following degrees have you completed? e. Doctorate degree	12	Numeric	3
Q4_HIGHEST_EDU_FOS	Which one of the following best describes the field of study for the highest level of school you have completed?	13	Numeric	3
Q5_COL_ENROLL	Are you currently enrolled or taking courses at a college, university, technical or trade school, or other school?	14	Numeric	3
Q6_EDU_PLAN	Do you plan on completing a degree or certificate program?	15	Numeric	3
Q7A	What degree or certificate program do you plan to complete?	16	Numeric	3

Variable	Label	Index Number	Type	Variable Length
Q7_B_DEGREE_PLAN_FOS	Please provide the field of study that best describes this degree or certificate.	17	Character	500
Q8_ESL	Have you taken any classes to learn English as a second language, sometimes called ESL or ESOL classes?	18	Numeric	3
Q9_CERT_LIC	A professional certification or license shows you are qualified to perform a specific job. Do you have a currently active professional certification or a state or industry license?	19	Numeric	3
Q10_NUM_ACTIVE	How many currently active certifications and licenses do you have?	20	Numeric	3
Q11_MOST_IMP_CERT_LIC	What is the name of your most important certification or license?	21	Character	200
Q12_CERT_LIC_WORK	What kind of work is your most important certification or license for?	22	Numeric	8
Q13_CERT_LIC_REQ	Is your most important certification or license required by a federal, state, or local government agency (such as a state board) in order to do that kind of work?	23	Numeric	3
Q14_CERT_LIC_REV	Can your most important certification or license be revoked or suspended for any reason?	24	Numeric	3
Q15_Q15_A_R	Did you prepare for getting your most important certification or license by… a. taking classes from a college, technical school, or trade school?	25	Numeric	3
Q15_Q15_B_R	Did you prepare for getting your most important certification or license by… b. taking classes or training from your employer, a training company, association, union, or private instructor?	26	Numeric	3
Q15_Q15_C_R	Did you prepare for getting your most important certification or license by… c. studying on your own using textbooks or online resources?	27	Numeric	3
Q15_D_SPECIFY_FLAG	Did you prepare for getting your most important certification or license by… d. Other (Please specify)	28	Numeric	8
Q16_CERT_LIC_CUR_JOB	Is your most important certification or license for your current job or career?	29	Numeric	3

Variable	Label	Index Number	Type	Variable Length
Q17_A	How useful has your most important certification or license been for each of the following? a. Getting a job	30	Numeric	3
Q17_B	How useful has your most important certification or license been for each of the following? b. Keeping a job	31	Numeric	3
Q17_C	How useful has your most important certification or license been for each of the following? c. Keeping you marketable to employers or clients	32	Numeric	3
Q17_D	How useful has your most important certification or license been for each of the following? d. Improving your work skills	33	Numeric	3
Q18_A	People sometimes earn certificates from an education or training program. These are different from certifications or licenses. Do not include certifications or licenses here. a. A certificate for completing a training program from an employer, employment agency, union, software or equipment manufacturer, or other training provider?	34	Numeric	3
Q18_C	People sometimes earn certificates from an education or training program. These are different from certifications or licenses. Do not include certifications or licenses here. c. A high school equivalency certificate, such as a GED?	35	Numeric	3
Q18_D	People sometimes earn certificates from an education or training program. These are different from certifications or licenses. Do not include certifications or licenses here. d. A certificate—not a degree—for completing a program at a community or technical college, or other school beyond high school? These will be called "post-secondary certificates." Do not include teaching certificates or college degrees.	36	Numeric	3
Q18_D_SPECIFY	How many post-secondary certificates do you have?	37	Numeric	3

Variable	Label	Index Number	Type	Variable Length
Q19_CERTIFICATE_FOS	We will refer to the certificates in question 18d as " post-secondary certificates." What was the field of study for your last post-secondary certificate?	38	Numeric	3
Q21_CERTIFICATE_HOURS	About how many hours of instruction did you complete in order to earn your last post-secondary certificate?	39	Numeric	3
Q22_CERTIFICATE_ENROLL	Which one of the following was required for enrolling in your last post-secondary certificate program?	40	Numeric	3
Q23_CERTIFCATE_CREDITS	To earn your last post-secondary certificate did you have to complete a minimum number of credits or courses?	41	Numeric	3
Q24_CERTIFICATE_TRAIN	Was your last post-secondary certificate part of the training you took for a professional certification or license?	42	Numeric	3
Q25_CERTIFICATE_JOB	Is your current job related to your last post-secondary certificate?	43	Numeric	3
Q26_A	How useful has your last post-secondary certificate been for each of the following? a. Getting a job	44	Numeric	3
Q26_B	How useful has your last post-secondary certificate been for each of the following? b. Increasing your pay	45	Numeric	3
Q26_C	How useful has your last post-secondary certificate been for each of the following? c. Improving your work skills	46	Numeric	3
Q27_APP	An apprentice is a worker who receives both on-the-job training and related instruction to learn an occupation while being paid a training salary. Have you ever completed an apprenticeship?	47	Numeric	3
Q28_APP_WORK	What type of work was your apprenticeship for?	48	Numeric	3
Q29_Q29_A_R	Do the following statements describe your apprenticeship? a. I was evaluated by a co-worker or supervisor	49	Numeric	3
Q29_Q29_B_R	Do the following statements describe your apprenticeship? b. I got college credit	50	Numeric	3

Variable	Label	Index Number	Type	Variable Length
Q29_Q29_C_R	Do the following statements describe your apprenticeship? c. I received journeyman status at the end of an apprenticeship	51	Numeric	3
Q29_Q29_D_R	Do the following statements describe your apprenticeship? d. I got a state or federal apprenticeship number	52	Numeric	3
Q29_Q29_E_R	Do the following statements describe your apprenticeship? e. I received instruction (at a school, online, or from my employer) related to my apprenticeship	53	Numeric	3
Q30_APP_CERT_LIC	Did your apprenticeship help you earn a professional certification or license?	54	Numeric	3
Q31_APP_CERTIFICATE	Did your apprenticeship lead to a certificate or degree?	55	Numeric	3
Q32_APP_JOB	Is your current job related to your apprenticeship?	56	Numeric	3
Q33_APP_SKILL_USE	In your current job, how often do you use the skills or knowledge that you learned during your apprenticeship?	57	Numeric	3
Q34_A	How useful was your apprenticeship for each of the following? a. Getting a job	58	Numeric	3
Q34_B	How useful was your apprenticeship for each of the following? b. Increasing your pay	59	Numeric	3
Q34_C	How useful was your apprenticeship for each of the following? c. Improving your work skills	60	Numeric	3
Q35_EMPLOYED	Last week, were you employed for pay at a job or a business?	61	Numeric	3
Q36_FULL_TIME	Last week, did you work full time (35 hours or more per week)?	62	Numeric	3
Q37_WEEKS_WORKED	During the past 12 months (52 weeks), how many weeks did you work, including paid vacation, paid sick leave, and military service?	63	Numeric	3
Q38_HOURS_WORKED	During the past 12 months, in the weeks you worked, how many hours did you usually work each WEEK?	64	Numeric	3

Variable	Label	Index Number	Type	Variable Length
Q39_EARNINGS	Which category best fits your earnings from wages, salary, commissions, bonuses, or tips, from all jobs over the past 12 months?	65	Numeric	3
Q40_BUSINESS_TYPE	What kind of business or industry did you work for?	66	Numeric	8
Q43_JOB_LIC	Did you have a license that was required by a federal, state, or local government agency to do this job?	67	Numeric	3
Q44_MILITARY	Have you ever served on active duty in the U.S. Armed Forces, Reserves, or National Guard?	68	Numeric	3
Q45_GENDER	Are you male or female?	69	Numeric	3
Q46_MARITAL_STATUS	What is your current marital status?	70	Numeric	3
Q47_AGE	How old are you?	71	Numeric	3
Q48_HISPANIC	Are you of Hispanic, Latino, or Spanish origin?	72	Numeric	3
Q49_RACE_01	What is your race? 1. White	73	Numeric	3
Q49_RACE_02	What is your race? 2. Black or African American	74	Numeric	3
Q49_RACE_03	What is your race? 3. American Indian or Alaska Native	75	Numeric	3
Q49_RACE_04	What is your race? 4. Asian	76	Numeric	3
Q49_RACE_05	What is your race? 5. Native Hawaiian or Other Pacific Islander	77	Numeric	3
Q49_RACE_06	What is your race? 6. Other	78	Numeric	3
Q49_RACE_07	What is your race? 7. Multiple	79	Numeric	3
Q50_INTERNET	Do you have Internet access at home on a computer or tablet?	80	Numeric	3
Q51_CITIZENSHIP	What is your citizenship status?	81	Numeric	3

Appendix A. Questionnaire
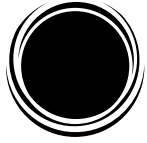
NATIONAL EDUCATION AND ATTAINMENT SURVEY (NEAS)

2017

Barcode with SUID

Dear Respondent,

Thank you for participating in the National Education and Attainment Survey (NEAS). This survey will be used to gain more knowledge about adults' work-related education, training, and credentials after high school.

Your participation in this survey is completely voluntary and you may choose to skip any question you do not wish to answer, or stop the survey at any time.

What is the purpose of this survey?

The purpose of this study is to learn more about education, training, and employment of adults between the ages of 18 and 64 in the United States.

Who is conducting this survey?

The study is being conducted by NORC at the University of Chicago on behalf of the Lumina Foundation. The study is funded by the Lumina Foundation.

Why should you participate in this survey?

Your participation ensures a sample that is nationally representative. That is to say, sampling methods NORC applied ensure that other people in the U.S. similar to you are represented in the survey results. When selected participants respond to the survey, the summary results are more accurate.

Will your responses be kept confidential?

NORC never releases any identifying information of individuals or organizations that participate in our studies. Your individual responses are kept confidential and seen only by the NEAS study team. Data and reports will be reported in summary form only and individual names will not be included in any summary reports.

For more information about this survey you can contact the research team at NEAS@norc.org or call the survey's toll-free number at 1-888-248-6171.

Please write your answers directly on the questionnaire by marking the appropriate box or by writing your answer in the space given.

Thank you for your help with this very important effort!

CONTACT INFORMATION

Thank you again for taking part in this very important study. Before we begin, please provide your name and contact information so that we can ensure you receive your **Thank You** gift after completing the survey:

First Name: _____   Last Name: _____

Mailing Address: _____   Address 2: _____

City, State, ZIP: _____

Telephone: _____   Email Address: _____

How many members of your household, including yourself, are between 18 and 64 years of age?

[|] Total household members between 18 and 64 years of age

Section A. Education

1. People can get a High School diploma in a variety of ways, such as graduating from High School or by getting a GED or other equivalent. Do you have a High School diploma?

1 ☐ No → **SKIP TO Q5**
2 ☐ Yes, graduated from High School
3 ☐ Yes, GED or other equivalent

2. Have you earned any college credit or completed a college degree?

1 ☐ No → **SKIP TO Q5**
2 ☐ Yes, some college, but less than one year of college credit → **SKIP TO Q4**
3 ☐ Yes, one or more years of college credit, no degree → **SKIP TO Q4**
4 ☐ Yes, completed a degree

3. Which of the following degrees have you completed?

Mark ONE box for EACH DEGREE below.

Degree	No	Yes
a. Associate's degree *(for example, AA, AS)*	☐	☐
b. Bachelor's degree *(for example, BA, BS)*	☐	☐
c. Master's degree *(for example, MA, MS, MEng, MEd, MSW, MBA)*	☐	☐
d. Professional degree *(for example, MD, DDS, DVM, LLB, JD)*	☐	☐
e. Doctorate degree *(for example, PhD, EdD)*	☐	☐

4. **Which one of the following best describes the field of study for the highest level of school you have completed?**

Mark ONE only. If there was more than one, please choose the one you consider most important.

1 ☐ General studies, no major, or undeclared major
2 ☐ Accounting, finance, insurance, or real estate
3 ☐ Administrative support
4 ☐ Agriculture
5 ☐ Audio, broadcasting, multimedia, or graphic technologies
6 ☐ Business management, administration, or marketing
7 ☐ Communications or journalism
8 ☐ Computer science or information technology
9 ☐ Construction, repair, manufacturing, or transportation
10 ☐ Cosmetology
11 ☐ Education
12 ☐ Engineering or architecture
13 ☐ English language or literature
14 ☐ Fine arts or music
15 ☐ Healthcare
16 ☐ Law enforcement, security, or firefighting
17 ☐ Law or legal studies
18 ☐ Liberal arts
19 ☐ Psychology
20 ☐ Religious vocations or theology
21 ☐ Science or mathematics
22 ☐ Social or human services or public administration
23 ☐ Social sciences, political science, economics, or history
24 ☐ Other – Specify [   ]

5. **Are you currently enrolled or taking courses at a college, university, technical or trade school, or other school?**

1 ☐ No → **SKIP TO Q8**
2 ☐ Yes, as a part-time student
3 ☐ Yes, as a full-time student

6. **Do you plan on completing a degree or certificate program?**

   1 ☐ No → **SKIP TO Q8**
   2 ☐ Yes

7a. **What degree or certificate program do you plan to complete?**

Mark ONE only.

   1 ☐ Certificate
   2 ☐ Associate's degree *(for example, AA, AS)*
   3 ☐ Bachelor's degree *(for example, BA, BS)*
   4 ☐ Master's degree *(for example, MA, MS, MEng, MEd, MSW, MBA)*
   5 ☐ Professional degree (for example, MD, DDS, DVM, LLB, JD)
   6 ☐ Doctorate degree (for example, PhD, EdD)

7b. **Please provide the field of study that best describes this degree or certificate.**

8. **Have you taken any classes to learn English as a second language, sometimes called ESL or ESOL classes?**

   1 ☐ No
   2 ☐ Yes

Section B. Certifications and Licenses

9. **A professional certification or license shows you are qualified to perform a specific job.**

   Do you have a <u>currently active</u> professional certification or a state or industry license?

   Examples include Licensed Electrician, Licensed Realtor, Certified Medical Assistant, Certified Teacher, Licensed Cosmetologist, or an IT certification.

   Do <u>not</u> include business licenses, such as a liquor license or vending license.

   1 ☐ No → **SKIP TO Q18**
   2 ☐ Yes

10. **How many <u>currently active</u> certifications and licenses do you have?**

    If you had to get a certification in order to get a license, count each certification and license separately.

    ☐☐ Number of certifications and licenses

11. **The next few questions ask about the certification or license that you consider most important to your work. What is the name of your <u>most important</u> certification or license?**

    ☐

12. **What kind of work is your most important certification or license for?**

    ☐

13. **Is your most important certification or license required by a federal, state, or local government agency (such as a state board) in order to do that kind of work?**

    1 ☐ No
    2 ☐ Yes
    3 ☐ Don't know

14. **Can your most important certification or license be revoked or suspended for any reason?**

1 ☐ No
2 ☐ Yes
3 ☐ Don't know

15. **Did you prepare for getting your most important certification or license by...**

Mark ONE box for EACH ITEM below.

		No	Yes
a.	taking classes from a college, technical school, or trade school?	☐	☐
b.	taking classes or training from your employer, a training company, association, union, or private instructor?	☐	☐
c.	studying on your own using textbooks or online resources?	☐	☐
d.	Other *(Please specify)*		

16. **Is your most important certification or license for your current job or career?**

1 ☐ Not applicable, not currently working
2 ☐ No
3 ☐ Yes

17. **How useful has your most important certification or license been for each of the following?**

a. Getting a job

1 ☐ Not useful
2 ☐ Somewhat useful
3 ☐ Very useful
4 ☐ Too soon to tell

b. Keeping a job

1 ☐ Not useful
2 ☐ Somewhat useful
3 ☐ Very useful
4 ☐ Too soon to tell

c. Keeping you marketable to employers or clients

1 ☐ Not useful
2 ☐ Somewhat useful
3 ☐ Very useful
4 ☐ Too soon to tell

d. Improving your work skills

1 ☐ Not useful
2 ☐ Somewhat useful
3 ☐ Very useful
4 ☐ Too soon to tell

Section C. Certificates

18. **People sometimes earn certificates from an education or training program. These are different from certifications or licenses. Do not include certifications or licenses here.**

    Have you ever earned any of the following 4 types of certificates?

    a. **A certificate for completing a training program from an employer, employment agency, union, software or equipment manufacturer, or other training provider?**

    1 ☐ No
    2 ☐ Yes

    b. **A certificate for completing a vocational program at a high school?**

    1 ☐ No
    2 ☐ Yes → **What is the name of the school that awarded this vocational certificate?**

    Name of Institution: _____

    Branch or City: _____

    State or Province: _____

    Country: _____

    c. **A high school equivalency certificate, such as a GED?**

    1 ☐ No
    2 ☐ Yes

    d. **A certificate—not a degree—for completing a program at a community or technical college, or other school beyond high school? These will be called "post-secondary certificates."** *Do not include teaching certificates or college degrees.*

    1 ☐ No → **SKIP TO Q27**

    2 ☐ Yes → How many post-secondary certificates do you have? ☐☐

19. We will refer to the certificates in question 18d as "post-secondary certificates." What was the field of study for your <u>last</u> post-secondary certificate?

Mark ONE only.

1 ☐ Accounting, finance, insurance, or real estate
2 ☐ Administrative support
3 ☐ Agriculture
4 ☐ Audio, broadcasting, multimedia, or graphic technologies
5 ☐ Business management, administration, or marketing
6 ☐ Computer science or information technology
7 ☐ Construction trades
8 ☐ Cosmetology
9 ☐ Culinary arts
10 ☐ Education
11 ☐ Engineering technologies or drafting
12 ☐ Fine arts or music
13 ☐ Funeral service or mortuary science
14 ☐ Healthcare
15 ☐ Law enforcement, security, or firefighting
16 ☐ Law or legal studies
17 ☐ Liberal arts
18 ☐ Manufacturing or production (for example machinist, welder, boilermaker)
19 ☐ Mechanic or repair technologies
20 ☐ Transportation
21 ☐ Other — Specify: _____

20. Who gave you your last post-secondary certificate?

Name of Institution: _____

Branch or City: _____

State or Province: _____

Country: _____

21. **About how many hours of instruction did you complete in order to earn your last post-secondary certificate?**

1 ☐ 960 hours (1 full-time school year) or more
2 ☐ 480 hours (half a full-time school year) to 959 hours
3 ☐ 160 to 479 hours
4 ☐ 40 to 159 hours
5 ☐ Less than 40 hours

22. **Which one of the following was required for enrolling in your last post-secondary certificate program?**

Mark ONE only.

1 ☐ Being enrolled in or having completed an advanced degree program (Master's or higher)
2 ☐ Being enrolled in or having completed a Bachelor's degree program
3 ☐ Having completed high school or a high school equivalency (such as a GED)
4 ☐ None of the above

23. **To earn your last post-secondary certificate did you have to complete a minimum number of credits or courses?**

1 ☐ No
2 ☐ Yes

24. **Was your last post-secondary certificate part of the training you took for a professional certification or license?**

1 ☐ No
2 ☐ Yes

25. **Is your current job related to your last post-secondary certificate?**

1 ☐ Not applicable, not currently working
2 ☐ No
3 ☐ Yes, somewhat related
4 ☐ Yes, very related

26. How useful has your last post-secondary certificate been for each of the following?

a. Getting a job

1 ☐ Not useful
2 ☐ Somewhat useful
3 ☐ Very useful
4 ☐ Too soon to tell

b. Increasing your pay

1 ☐ Not useful
2 ☐ Somewhat useful
3 ☐ Very useful
4 ☐ Too soon to tell

c. Improving your work skills

1 ☐ Not useful
2 ☐ Somewhat useful
3 ☐ Very useful
4 ☐ Too soon to tell

Section D. Apprenticeships

27. **An apprentice is a worker who receives both on-the-job training and related instruction to learn an occupation while being paid a training salary. Have you ever completed an apprenticeship?**

1 ☐ No, and I am not in an apprenticeship now → **SKIP TO Q35**
2 ☐ No, but I am in an apprenticeship now → **SKIP TO Q35**
3 ☐ Yes, I have completed an apprenticeship

28. **What type of work was your apprenticeship for?**

1 ☐ Building or construction (carpenter, electrician, plumber, etc.)
2 ☐ Business and administrative support
3 ☐ Cosmetology
4 ☐ Production (tool maker, machinist, etc.)
5 ☐ Science, drafting, and computing
6 ☐ Other – Specify: _____

29. **Do the following statements describe your apprenticeship?**

Mark ONE box for EACH ITEM below.

	No	Yes
a. I was evaluated by a co-worker or supervisor	☐	☐
b. I got college credit	☐	☐
c. I received journeyman status at the end of an apprenticeship	☐	☐
d. I got a state or federal apprenticeship number	☐	☐
e. I received instruction (at a school, online, or from my employer) related to my apprenticeship	☐	☐

30. **Did your apprenticeship help you earn a professional certification or license?**

1 ☐ No
2 ☐ Yes

31. Did your apprenticeship lead to a certificate or degree?

1 ☐ No
2 ☐ Yes

32. Is your current job related to your apprenticeship?

1 ☐ Not applicable, not currently working
2 ☐ No
3 ☐ Yes, somewhat related
4 ☐ Yes, very related

33. In your current job, how often do you use the skills or knowledge that you learned during your apprenticeship?

1 ☐ Not applicable, not currently working
2 ☐ Never or almost never
3 ☐ Sometimes
4 ☐ All or most of the time

34. How useful was your apprenticeship for each of the following?

a. Getting a job

1 ☐ Not useful
2 ☐ Somewhat useful
3 ☐ Very useful
4 ☐ Too soon to tell

b. Increasing your pay

1 ☐ Not useful
2 ☐ Somewhat useful
3 ☐ Very useful
4 ☐ Too soon to tell

c. Improving your work skills

1 ☐ Not useful
2 ☐ Somewhat useful
3 ☐ Very useful
4 ☐ Too soon to tell

Section E. Employment

35. **Last week**, were you employed for pay at a job or a business?

If you were temporarily absent from a job or business (on vacation, temporarily ill, on maternity leave, etc.), answer "Yes".

1 ☐ No → **SKIP TO Q37**
2 ☐ Yes

36. **Last week**, did you work full time (35 hours or more per week)?

1 ☐ No
2 ☐ Yes

37. During the **past 12 months** (52 weeks), how many weeks did you work, including paid vacation, paid sick leave, and military service?

1 ☐ 50 to 52 weeks
2 ☐ 48 to 49 weeks
3 ☐ 40 to 47 weeks
4 ☐ 27 to 39 weeks
5 ☐ 14 to 26 weeks
6 ☐ 1 to 13 weeks
7 ☐ 0 weeks → **SKIP TO Q44**

38. During the **past 12 months**, in the **weeks you worked**, how many hours did you usually work each WEEK?

☐☐☐ usual hours worked each WEEK

39. Which category best fits your earnings from wages, salary, commissions, bonuses, or tips, from all jobs over the **past 12 months**?

Report amount before deductions for taxes, bonds, dues, or other items.

1 ☐ $0 to $10,000
2 ☐ $10,001 to $20,000
3 ☐ $20,001 to $30,000
4 ☐ $30,001 to $40,000
5 ☐ $40,001 to $50,000
6 ☐ $50,001 to $60,000
7 ☐ $60,001 to $75,000
8 ☐ $75,001 to $150,000
9 ☐ $150,001 or more

40. **The next few questions ask about your current or last job. If you had more than one job, describe the one at which you worked the most hours. What kind of business or industry did you work for?**

(For example: hospital, newspaper publishing, mail order house, auto engine manufacturing, bank)

[ ]

41. **What kind of work did you do, that is, what was your occupation?**

(For example: plumber, typist, farmer)

[ ]

42. **What were your usual activities or duties at this job?**

(For example: typing, keeping account books, filing, selling cars, operating printing press, laying brick.)

[ ]

43. **Did you have a license that was required by a federal, state, or local government agency to do this job?**

1 ☐ No
2 ☐ Yes

Section F. Background

44. **Have you ever served on active duty in the U.S. Armed Forces, Reserves, or National Guard?**

1 ☐ No, never served in the military
2 ☐ Yes, but only on active duty for training in the Reserve or National Guard
3 ☐ Yes, now on active duty
4 ☐ On active duty in the past but not now

45. **Are you male or female?**

1 ☐ Male
2 ☐ Female

46. **What is your current marital status?**

Mark ONE only.

1 ☐ Now married
2 ☐ Widowed
3 ☐ Divorced
4 ☐ Separated
5 ☐ Never married

47. **How old are you?**

☐☐ years old

48. **Are you of Hispanic, Latino, or Spanish origin?**

1 ☐ No
2 ☐ Yes

49. **What is your race?**

Mark one or more.

1 ☐ White
2 ☐ Black or African American
3 ☐ American Indian or Alaska Native
4 ☐ Asian
5 ☐ Native Hawaiian or Other Pacific Islander
6 ☐ Other

50. **Do you have Internet access <u>at home</u> on a computer or tablet?**

1 ☐ No
2 ☐ Yes

51. **What is your citizenship status?**

1 ☐ U.S. citizen since birth
2 ☐ Naturalized U.S. citizen
3 ☐ Non-U.S. citizen

If Non-U.S. Citizen: Of which country are you a citizen?

FUTURE FOLLOW UP

Thank you very much for participating in this survey. As part of ongoing research on education and training, you may be contacted in the future to participate in related or follow-up studies. Please note that if you choose to participate in future studies, you will be compensated. However, you always have the right to refuse.

For future contact purposes, please include your email and phone number below. If you do not want to be contacted, please select the appropriate response below.

Email:

Phone number:

☐ Please do not contact me to participate in related or follow up studies

If you have any additional comments about the survey please enter them in the box below.

☐ I have no additional comments
☐ My additional comments are below:

Thank you for your responses!

Thank you for completing the
National Education and Attainment Survey!

PLEASE RETURN this survey in the
pre-paid envelope you received with your copy of the survey.

NORC
Attn: NEAS
55 E. Monroe Ave.
19th Floor
Chicago, IL 60603

You can expect to receive your thank you gift in the next 3 to 4 weeks. If you have questions about this survey or need assistance, please contact NORC by…

- Calling toll free at 1-888-248-6171, or

- Sending an email to NEAS@norc.org.

If you have questions about your rights as a study participant, you may call the NORC **Institutional Review Board Administrator, toll free, at 1-866-309-0542.**

Appendix B. Codebook

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: PUF_ID Type: Numeric Length: 8 Variable label: Public Use File ID Index number: 1						
	Valid	Valid	98,522,494	100.0	137,928,954	100.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: FINAL_WEIGHT Type: Numeric Length: 20 Variable label: Final Weight Index number: 3						
	Valid	Valid	99,126,213	100.0	138,774,160	100.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: REGION Type: Character Length: 20 Variable label: Census Region Index number: 3						
	MIDWEST	MIDWEST	1,841	29.0	40,740,148	20.7
	NORTHEAST	NORTHEAST	1,567	24.7	34,586,647	17.6
	SOUTH	SOUTH	1,404	22.1	74,337,899	37.7
	WEST	WEST	1,533	24.2	47,386,440	24.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: STRATUM1						
Type: Character						
Length: 20						
Variable label: 1st Phase Stratum						
Index number: 4						
	1	1	515	8.1	5,970,070	3.0
	2	2	868	13.7	13,047,140	6.6
	3	3	172	2.7	8,619,742	4.4
	4	4	244	3.8	8,310,479	4.2
	5	5	42	0.7	4,792,718	2.4
	6	6	334	5.3	451,577	0.2
	7	7	416	6.6	10,228,748	5.2
	8	8	219	3.5	7,467,550	3.8
	9	9	563	8.9	12,335,938	6.3
	10	10	35	0.6	4,102,833	2.1
	11	11	328	5.2	11,031,173	5.6
	12	12	563	8.9	15,308,309	7.8
	13	13	163	2.6	17,376,005	8.8
	14	14	322	5.1	26,829,555	13.6
	15	15	28	0.4	3,792,856	1.9
	16	16	296	4.7	1,350,369	0.7
	17	17	457	7.2	15,166,561	7.7
	18	18	471	7.4	6,249,240	3.2
	19	19	273	4.3	20,251,110	10.3
	20	20	36	0.6	4,369,160	2.2

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: LANG						
Type: Numeric						
Length: 3						
Variable label: Would you like to continue this survey in English or Spanish?						
Index number: 5						
	1	English	6,141	96.8	188,545,851	95.7
	2	Español	204	3.2	8,505,282	4.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q1_HS Type: Numeric Length: 3 Variable label: People can get a High School diploma in a variety of ways, such as graduating from High School or by getting a GED or other equivalent. Do you have a High School diploma? Index number: 6						
	1	No	373	5.9	20,124,215	10.2
	2	Yes, graduated from High School	5,318	83.8	153,015,073	77.7
	3	Yes, GED or other equivalent	650	10.2	23,708,168	12.0
	-3	NA	4	0.1	203,677	0.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q2_COL_CREDIT Type: Numeric Length: 3 Variable label: Have you earned any college credit or completed a college degree? Index number: 7						
	.	LOGICAL SKIP	377	5.9	20,327,892	.
	1	No	986	15.5	54,096,614	30.6
	2	Yes, some college, but less than one year of college credit	600	9.5	15,433,290	8.7
	3	Yes, one or more years of college credit, no degree	855	13.5	23,076,984	13.1
	4	Yes, completed a degree	3,495	55.1	82,941,278	46.9
	-3	NA	32	0.5	1,175,077	0.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q3_Q3_A_R Type: Numeric Length: 3 Variable label: Which of the following degrees have you completed? a. Associate's degree Index number: 8						
	.	LOGICAL SKIP	2,850	44.9	114,109,856	.
	1	No	2,375	37.4	50,564,520	61.0
	2	Yes	1,120	17.7	32,376,757	39.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q3_Q3_B_R Type: Numeric Length: 3 Variable label: Which of the following degrees have you completed? b. Bachelor's degree Index number: 9						
	.	LOGICAL SKIP	2,850	44.9	114,109,856	.
	1	No	577	9.1	20,961,493	25.3
	2	Yes	2,918	46.0	61,979,785	74.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q3_Q3_C_R Type: Numeric Length: 3 Variable label: Which of the following degrees have you completed? c. Master's degree Index number: 10						
	.	LOGICAL SKIP	2,850	44.9	114,109,856	.
	1	No	2,248	35.4	64,682,399	78.0
	2	Yes	1,247	19.7	18,258,878	22.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q3_Q3_D_R Type: Numeric Length: 3 Variable label: Which of the following degrees have you completed? d. Professional degree Index number: 11						
	.	LOGICAL SKIP	2,850	44.9	114,109,856	.
	1	No	3,226	50.8	78,875,823	95.1
	2	Yes	269	4.2	4,065,455	4.9

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q3_Q3_E_R Type: Numeric Length: 3 Variable label: Which of the following degrees have you completed? e. Doctorate degree Index number: 12						
	.	LOGICAL SKIP	2,850	44.9	114,109,856	.
	1	No	3,299	52.0	79,578,780	95.9
	2	Yes	196	3.1	3,362,497	4.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q4_HIGHEST_EDU_FOS Type: Numeric Length: 3 Variable label: Which one of the following best describes the field of study for the highest level of school you have completed? Index number: 13						
	.	LOGICAL SKIP	1,395	22.0	75,599,582	.
	1	General studies, no major, or undeclared	413	6.5	12,962,411	10.7
	2	Accounting, finance, insurance, or real estate	285	4.5	7,037,002	5.8
	3	Administrative support	60	0.9	825,619	0.7
	4	Agriculture	34	0.5	1,049,517	0.9
	5	Audio, broadcasting, multimedia, or graphic technologies	56	0.9	1,500,394	1.2
	6	Business management, administration, or marketing	560	8.8	13,918,063	11.5
	7	Communications or journalism	97	1.5	1,859,696	1.5
	8	Computer science or information technology	354	5.6	9,401,795	7.7
	9	Construction, repair, manufacturing, or transportation	77	1.2	2,624,985	2.2
	-3	NA	16	0.3	621,936	0.5
	10	Cosmetology	21	0.3	253,377	0.2
	11	Education	470	7.4	8,275,437	6.8
	12	Engineering or architecture	354	5.6	8,529,011	7.0
	13	English language or literature	60	0.9	2,117,043	1.7
	14	Fine arts or music	118	1.9	3,710,767	3.1
	15	Healthcare	620	9.8	13,607,458	11.2
	16	Law enforcement, security, or firefighting	148	2.3	3,667,715	3.0
	17	Law or legal studies	80	1.3	2,170,386	1.8
	18	Liberal arts	148	2.3	3,883,734	3.2
	19	Psychology	148	2.3	3,127,177	2.6
	20	Religious vocations or theology	30	0.5	953,934	0.8
	21	Science or mathematics	330	5.2	9,117,123	7.5
	22	Social or human services or public administration	227	3.6	3,893,463	3.2
	23	Social sciences, political science, economics, or history	201	3.2	5,442,881	4.5
	24	Other Specify	7	0.1	122,209	0.1
	25	Library Information Science	10	0.2	159,323	0.1
	26	Culinary Arts, Hospitality, Hotel Restaurant, Food Service	26	0.4	619,097	0.5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q5_COL_ENROLL Type: Numeric Length: 3 Variable label: Are you currently enrolled or taking courses at a college, university, technical or trade school, or other school? Index number: 14						
	1	No	5,419	85.4	171,350,466	87.0
	2	Yes, as a part-time student	389	6.1	10,549,485	5.4
	3	Yes, as a full-time student	534	8.4	15,103,523	7.7
	-3	NA	3	0.0	47,660	0.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q6_EDU_PLAN Type: Numeric Length: 3 Variable label: Do you plan on completing a degree or certificate program? Index number: 15						
	.	LOGICAL SKIP	5,422	85.5	171,398,126	.
	1	No	57	0.9	1,498,444	5.8
	2	Yes	864	13.6	24,137,379	94.1
	-3	NA	2	0.0	17,184	0.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q7A Type: Numeric Length: 3 Variable label: What degree or certificate program do you plan to complete? Index number: 16						
	.	LOGICAL SKIP	5,481	86.4	172,913,754	.
	1	Certificate	111	1.7	2,563,178	10.6
	2	Associate's degree (for example, AA, AS)	136	2.1	4,769,094	19.8
	3	Bachelor's degree (for example, BA, BS)	286	4.5	9,515,934	39.4
	4	Master's degree (for example, MA, MS, MEng, MEd, MSW, MBA)	191	3.0	4,623,128	19.2
	5	Professional degree (for example, MD, DDS, DVM, LLB, JD)	39	0.6	1,115,712	4.6
	6	Doctorate degree (for example, PhD, EdD)	100	1.6	1,538,835	6.4
	-3	NA	1	0.0	11,499	0.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q7_B_DEGREE_PLAN_FOS Type: Character Length: 500 Variable label: Please provide the field of study that best describes this degree or certificate. Index number: 17						
			5,482	86.4	172,925,568	.
	-3	NA	6	0.1	141,448	0.6
	2	General studies, no major, or undeclared	10	0.2	408,127	1.7
	3	Accounting, finance, insurance, or real estate	37	0.6	408,802	1.7
	4	Administrative support	3	0.0	162,939	0.7
	5	Agriculture	6	0.1	58,542	0.2
	6	Audio, broadcasting, multimedia, or graphic technologies	8	0.1	266,955	1.1
	7	Business management, administration, or marketing	87	1.4	3,015,643	12.5
	8	Communications or journalism	7	0.1	99,146	0.4
	9	Computer science or information technology	58	0.9	1,971,743	8.2
	10	Construction, repair, manufacturing, or transportation	12	0.2	378,787	1.6
	12	Education	69	1.1	978,909	4.1
	13	Engineering or architecture	61	1.0	2,011,308	8.3
	14	English language or literature	11	0.2	195,599	0.8
	15	Fine arts or music	17	0.3	674,244	2.8
	16	Healthcare	199	3.1	5,749,423	23.8
	17	Law enforcement, security, or firefighting	13	0.2	411,703	1.7
	18	Law or legal studies	18	0.3	485,718	2.0
	19	Liberal arts	11	0.2	374,175	1.6
	20	Psychology	32	0.5	875,773	3.6
	21	Religious vocations or theology	4	0.1	176,622	0.7
	22	Science or mathematics	88	1.4	2,725,767	11.3
	23	Social or human services or public administration	41	0.6	959,639	4.0
	24	Social sciences, political science, economics, or history	42	0.7	1,022,808	4.2
	25	Other Specify	13	0.2	386,694	1.6
	26	Library Information Science	5	0.1	122,511	0.5
	27	Culinary Arts, Hospitality, Hotel Restaurant, Food Service	5	0.1	62,542	0.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q8_ESL Type: Numeric Length: 3 Variable label: Have you taken any classes to learn English as a second language, sometimes called ESL or ESOL classes? Index number: 18						
	1	No	5,530	87.2	173,822,375	88.2
	2	Yes	785	12.4	22,204,343	11.3
	-3	NA	30	0.5	1,024,415	0.5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q9_CERT_LIC Type: Numeric Length: 3 Variable label: A professional certification or license shows you are qualified to perform a specific job. Ð Do you have a currently active professional certification or a state or industry license? Index number: 19						
	1	No	4,541	71.6	148,032,661	75.1
	2	Yes	1,787	28.2	48,168,804	24.4
	-3	NA	17	0.3	849,669	0.4

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q10_NUM_ACTIVE Type: Numeric Length: 3 Variable label: How many currently active certifications and licenses do you have? Index number: 20						
	.	LOGICAL SKIP	4,558	71.8	148,882,330	.
	0	0	1	0.0	29,839	0.1
	1	1	1,035	16.3	28,102,529	58.3
	2	2	446	7.0	12,232,004	25.4
	3	3	164	2.6	3,882,520	8.1
	4	4	62	1.0	1,688,697	3.5
	5	5	32	0.5	681,591	1.4
	6	6	16	0.3	339,690	0.7
	7	7	6	0.1	104,444	0.2
	8	8	5	0.1	297,171	0.6
	9	9	3	0.0	154,683	0.3
	10	10	7	0.1	242,446	0.5
	12	12	1	0.0	49,831	0.1
	13	13	1	0.0	12,779	0.0
	32	32	1	0.0	133,194	0.3
	-3	NA	7	0.1	217,386	0.5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q11_MOST_IMP_CERT_LIC						
Type: Character						
Length: 200						
Variable label: What is the name of your most important certification or license?						
Index number: 21						
			4,596	72.4	149,998,255	.
	-3	NA	11	0.2	364,266	0.8
	2	Healthcare Practitioner, Provider, Specialist, or Technician	207	3.3	4,720,348	10.0
	3	Information Technology	101	1.6	2,867,123	6.1
	4	Engineering and Architecture	38	0.6	1,021,471	2.2
	5	EMT, CPR, Basic first aid	26	0.4	1,217,983	2.6
	6	Nursing or Nurse's Assistant	223	3.5	6,756,468	14.4
	7	Other Healthcare	111	1.7	3,107,537	6.6
	8	Teaching/Education	332	5.2	5,702,204	12.1
	9	Business management, operations, and support	82	1.3	2,230,936	4.7
	10	Accounting, Finance, Insurance, and Real Estate	150	2.4	4,435,032	9.4
	11	Social Work and Counseling	64	1.0	1,009,217	2.1
	12	History, language, linguistics, literature	4	0.1	5,979	0.0
	13	Law or legal studies	55	0.9	1,769,811	3.8
	14	Religious Ordination	4	0.1	198,940	0.4
	15	Transportation	49	0.8	2,183,742	4.6
	16	Skilled Trades	107	1.7	4,213,138	9.0
	17	Physical Fitness	17	0.3	362,396	0.8
	18	Child care/ child development	12	0.2	298,800	0.6
	19	Public Safety	66	1.0	2,438,288	5.2
	20	Cosmetology	41	0.6	921,819	2.0
	21	Food Handling and Sanitation	39	0.6	1,085,497	2.3
	22	Notary Public	10	0.2	141,882	0.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q12_CERT_LIC_WORK						
Type: Numeric						
Length: 8						
Variable label: What kind of work is your most important certification or license for?						
Index number: 22						
	.	LOGICAL SKIP	4,567	72.0	149,255,705	.
	1	Accommodation and Food Services	36	0.6	947,815	2.0
	2	Management, Administrative and Support, and Waste Management Services	74	1.2	2,037,148	4.3
	3	Agriculture, Forestry, Fishing, and Hunting	8	0.1	532,154	1.1
	4	Arts, Entertainment, and Recreation	34	0.5	1,170,069	2.4
	5	Construction	34	0.5	1,409,010	2.9
	6	Educational Services	351	5.5	6,442,928	13.5
	7	Finance and Insurance	73	1.2	2,069,900	4.3
	8	Health Care and Social Assistance	622	9.8	15,929,429	33.3
	9	Information and Information Technology	102	1.6	2,611,252	5.5
	10	Manufacturing	7	0.1	297,656	0.6
	11	Mining, Quarrying, and Oil and Gas Extraction	5	0.1	477,465	1.0
	12	Other Services	80	1.3	2,827,957	5.9
	13	Professional, Scientific, and Technical Services	169	2.7	3,735,134	7.8
	14	Public Administration and Public Safety	63	1.0	3,091,914	6.5
	15	Real Estate and Rental and Leasing	43	0.7	1,606,693	3.4
	16	Retail Trade	3	0.0	26,424	0.1
	17	Transportation and Warehousing	51	0.8	2,209,951	4.6
	18	Utilities	5	0.1	126,308	0.3
	20	Other - Uncodable	16	0.3	167,073	0.3
	21	Military	2	0.0	79,150	0.2

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q13_CERT_LIC_REQ						
Type: Numeric						
Length: 3						
Variable label: Is your most important certification or license required by a federal, state, or local government agency (such as a state board) in order to do that kind of work?						
Index number: 23						
	.	LOGICAL SKIP	4,558	71.8	148,882,330	.
	1	No	316	5.0	8,588,890	17.8
	2	Yes	1,367	21.5	36,405,719	75.6
	3	Don't know	100	1.6	3,071,071	6.4
	-3	NA	4	0.1	103,123	0.2

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q14_CERT_LIC_REV Type: Numeric Length: 3 Variable label: Can your most important certification or license be revoked or suspended for any reason? Index number: 24						
	.	LOGICAL SKIP	4,558	71.8	148,882,330	.
	1	No	314	4.9	7,380,977	15.3
	2	Yes	1,245	19.6	32,479,769	67.4
	3	Don't know	223	3.5	8,017,892	16.6
	-3	NA	5	0.1	290,167	0.6

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q15_Q15_A_R Type: Numeric Length: 3 Variable label: Did you prepare for getting your most important certification or license by… a. taking classes from a college, technical school, or trade school? Index number: 25						
	.	LOGICAL SKIP	4,558	71.8	148,882,330	.
	1	No	551	8.7	16,333,891	33.9
	2	Yes	1,234	19.4	31,819,352	66.1
	-3	NA	2	0.0	15,561	0.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q15_Q15_B_R Type: Numeric Length: 3 Variable label: Did you prepare for getting your most important certification or license by… b. taking classes or training from your employer, a training company, association, union, or private instructor? Index number: 26						
	.	LOGICAL SKIP	4,558	71.8	148,882,330	.
	1	No	900	14.2	23,323,918	48.4
	2	Yes	885	13.9	24,829,325	51.5
	-3	NA	2	0.0	15,561	0.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q15_Q15_C_R Type: Numeric Length: 3 Variable label: Did you prepare for getting your most important certification or license by… c. studying on your own using textbooks or online resources? Index number: 27						
	.	LOGICAL SKIP	4,558	71.8	148,882,330	.
	1	No	799	12.6	20,189,285	41.9
	2	Yes	986	15.5	27,963,958	58.1
	-3	NA	2	0.0	15,561	0.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q15_D_SPECIFY_FLAG Type: Numeric Length: 8 Variable label: Did you prepare for getting your most important certification or license by… d. Other (Please specify) Index number: 28						
	0	No	6,316	99.5	196,616,909	99.8
	1	Yes	29	0.5	434,225	0.2

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q16_CERT_LIC_CUR_JOB Type: Numeric Length: 3 Variable label: Is your most important certification or license for your current job or career? Index number: 29						
	.	LOGICAL SKIP	4,558	71.8	148,882,330	.
	1	Not applicable, not currently working	220	3.5	7,391,819	15.3
	2	No	241	3.8	5,656,766	11.7
	3	Yes	1,321	20.8	34,976,281	72.6
	-3	NA	5	0.1	143,937	0.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q17_A Type: Numeric Length: 3 Variable label: How useful has your most important certification or license been for each of the following? a. Getting a job Index number: 30						
	.	LOGICAL SKIP	4,558	71.8	148,882,330	.
	1	Not useful	109	1.7	3,472,705	7.2
	2	Somewhat useful	251	4.0	6,776,059	14.1
	3	Very useful	1,368	21.6	35,996,652	74.7
	4	Too soon to tell	52	0.8	1,788,900	3.7
	-3	NA	7	0.1	134,487	0.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q17_B Type: Numeric Length: 3 Variable label: How useful has your most important certification or license been for each of the following? b. Keeping a job Index number: 31						
	.	LOGICAL SKIP	4,558	71.8	148,882,330	.
	1	Not useful	136	2.1	4,273,373	8.9
	2	Somewhat useful	231	3.6	5,786,368	12.0
	3	Very useful	1,356	21.4	36,474,059	75.7
	4	Too soon to tell	58	0.9	1,518,784	3.2
	-3	NA	6	0.1	116,219	0.2

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q17_C Type: Numeric Length: 3 Variable label: How useful has your most important certification or license been for each of the following? c. Keeping you marketable to employers or clients Index number: 32						
	.	LOGICAL SKIP	4,558	71.8	148,882,330	.
	1	Not useful	101	1.6	2,991,429	6.2
	2	Somewhat useful	270	4.3	8,013,458	16.6
	3	Very useful	1,361	21.4	35,261,628	73.2
	4	Too soon to tell	50	0.8	1,769,539	3.7
	-3	NA	5	0.1	132,749	0.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q17_D Type: Numeric Length: 3 Variable label: How useful has your most important certification or license been for each of the following? d. Improving your work skills Index number: 33						
	.	LOGICAL SKIP	4,558	71.8	148,882,330	.
	1	Not useful	171	2.7	5,310,057	11.0
	2	Somewhat useful	435	6.9	11,642,116	24.2
	3	Very useful	1,141	18.0	29,699,692	61.7
	4	Too soon to tell	35	0.6	1,384,190	2.9
	-3	NA	5	0.1	132,749	0.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q18_A Type: Numeric Length: 3 Variable label: People sometimes earn certificates from an education or training program. These are different from certifications or licenses. Do not include certifications or licenses here. a. A certificate for completing a training program from an employer, employment agency, union, software or equipment manufacturer, or other training provider? Index number: 34						
	1	No	3,941	62.1	128,953,362	65.4
	2	Yes	2,377	37.5	66,996,172	34.0
	-3	NA	27	0.4	1,101,600	0.6

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q18_C Type: Numeric Length: 3 Variable label: People sometimes earn certificates from an education or training program. These are different from certifications or licenses. Do not include certifications or licenses here. c. A high school equivalency certificate, such as a GED? Index number: 35						
	1	No	5,318	83.8	161,577,335	82.0
	2	Yes	983	15.5	33,973,855	17.2
	-3	NA	44	0.7	1,499,944	0.8

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q18_D Type: Numeric Length: 3 Variable label: Have you ever earned... People sometimes earn certificates from an education or training program. These are different from certifications or licenses. Do not include certifications or licenses here. d. A certificate—not a degree—for completing a program at a community or technical college, or other school beyond high school? These will be called "post-secondary certificates." Do not include teaching certificates or college degrees. Index number: 36						
	1	No	5,390	84.9	171,092,221	86.8
	2	Yes	927	14.6	25,023,949	12.7
	-3	NA	28	0.4	934,963	0.5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q18_D_SPECIFY Type: Numeric Length: 3 Variable label: How many post-secondary certificates do you have? Index number: 37						
	.	LOGICAL SKIP	5,418	85.4	172,027,184	.
	1	1	604	9.5	16,378,629	65.5
	2	2	195	3.1	4,373,348	17.5
	3	3	58	0.9	1,685,937	6.7
	4	4	23	0.4	703,538	2.8
	5	5	15	0.2	497,856	2.0
	6	6	9	0.1	307,751	1.2
	7	7	1	0.0	6,984	0.0
	8	8	2	0.0	3,746	0.0
	9	9	2	0.0	116,154	0.5
	10	10	4	0.1	238,911	1.0
	11	11	1	0.0	104,756	0.4
	12	12	3	0.0	147,281	0.6
	20	20	2	0.0	245,549	1.0
	24	24	1	0.0	729	0.0
	-3	NA	7	0.1	212,781	0.9

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q19_CERTIFICATE_FOS Type: Numeric Length: 3 Variable label: We will refer to the certificates in question 18d as " post-secondary certificates." What was the field of study for your last post-secondary certificate? Index number: 38						
	.	LOGICAL SKIP	5,418	85.4	172,027,184	.
	1	Accounting, finance, insurance, or real estate	56	0.9	1,226,686	4.9
	2	Administrative support	47	0.7	1,229,059	4.9
	3	Agriculture	8	0.1	117,466	0.5
	4	Audio, broadcasting, multimedia, or graphic technologies	15	0.2	383,584	1.5
	5	Business management, administration, or marketing	84	1.3	2,185,413	8.7
	6	Computer science or information technology	84	1.3	1,619,421	6.5
	7	Construction trades	25	0.4	597,563	2.4
	8	Cosmetology	24	0.4	836,900	3.3
	9	Culinary arts	19	0.3	757,008	3.0
	-3	NA	3	0.0	48,323	0.2
	10	Education	49	0.8	767,128	3.1
	11	Engineering technologies or drafting	43	0.7	1,488,356	5.9
	12	Fine arts or music	19	0.3	425,533	1.7
	13	Funeral service or mortuary science	2	0.0	56,335	0.2
	14	Healthcare	264	4.2	6,821,848	27.3
	15	Law enforcement, security, or firefighting	34	0.5	1,467,060	5.9
	16	Law or legal studies	12	0.2	157,468	0.6
	17	Liberal arts	13	0.2	249,294	1.0
	18	Manufacturing or production (for example machinist, welder, boilermaker)	31	0.5	1,006,317	4.0
	19	Mechanic or repair technologies	30	0.5	1,308,372	5.2
	20	Transportation	21	0.3	847,060	3.4
	21	Other Specify	16	0.3	460,322	1.8
	22	Religious vocations or theology	2	0.0	96,137	0.4
	23	Culinary Arts, Hospitality, Hotel Restaurant, Food Service	6	0.1	88,095	0.4
	24	Social or human services or public administration	11	0.2	516,689	2.1
	25	Sign language/interpreter	4	0.1	178,340	0.7
	26	Library information science	2	0.0	3,029	0.0
	27	Social sciences, political science, economics, or history	3	0.0	85,144	0.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q21_CERTIFICATE_HOURS Type: Numeric Length: 3 Variable label: About how many hours of instruction did you complete in order to earn your last post-secondary certificate? Index number: 39						
	.	LOGICAL SKIP	5,418	85.4	172,027,184	.
	1	961 hours (1 full-time school year) or more	316	5.0	7,803,081	31.2
	2	481 hours (half a full-time school year) to 959 hours	130	2.0	3,532,976	14.1
	3	161 to 479 hours	153	2.4	4,318,140	17.3
	4	41 to 159 hours	228	3.6	6,412,685	25.6
	5	Less than 40 hours	93	1.5	2,704,814	10.8
	-3	NA	7	0.1	252,253	1.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q22_CERTIFICATE_ENROLL Type: Numeric Length: 3 Variable label: Which one of the following was required for enrolling in your last post-secondary certificate program? Index number: 40						
	.	LOGICAL SKIP	5,418	85.4	172,027,184	.
	1	Being enrolled in or having completed an advanced degree program (Master's or higher)	39	0.6	846,271	3.4
	2	Being enrolled in or having completed a Bachelor's degree program	102	1.6	2,014,348	8.0
	3	Having completed high school or a high school equivalency (such as a GED)	556	8.8	15,016,431	60.0
	4	None of the above	227	3.6	6,912,275	27.6
	-3	NA	3	0.0	234,623	0.9

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q23_CERTIFCATE_CREDITS Type: Numeric Length: 3 Variable label: To earn your last post-secondary certificate did you have to complete a minimum number of credits or courses? Index number: 41						
	.	LOGICAL SKIP	5,418	85.4	172,027,184	.
	1	No	265	4.2	8,085,427	32.3
	2	Yes	656	10.3	16,696,468	66.7
	-3	NA	6	0.1	242,053	1.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q24_CERTIFICATE_TRAIN Type: Numeric Length: 3 Variable label: Was your last post-secondary certificate part of the training you took for a professional certification or license? Index number: 42						
	.	LOGICAL SKIP	5,418	85.4	172,027,184	.
	1	No	403	6.4	11,483,086	45.9
	2	Yes	518	8.2	13,200,746	52.8
	-3	NA	6	0.1	340,117	1.4

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q25_CERTIFICATE_JOB Type: Numeric Length: 3 Variable label: Is your current job related to your last post-secondary certificate? Index number: 43						
	.	LOGICAL SKIP	5,418	85.4	172,027,184	.
	1	Not applicable, not currently working	193	3.0	5,400,989	21.6
	2	No	303	4.8	8,165,866	32.6
	3	Yes, somewhat related	205	3.2	4,829,059	19.3
	4	Yes, very related	221	3.5	6,461,020	25.8
	-3	NA	5	0.1	167,015	0.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q26_A Type: Numeric Length: 3 Variable label: How useful has your last post-secondary certificate been for each of the following? a. Getting a job Index number: 44						
	.	LOGICAL SKIP	5,418	85.4	172,027,184	.
	1	Not useful	188	3.0	5,137,285	20.5
	2	Somewhat useful	261	4.1	7,600,392	30.4
	3	Very useful	437	6.9	10,954,454	43.8
	4	Too soon to tell	36	0.6	1,079,142	4.3
	-3	NA	5	0.1	252,676	1.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q26_B Type: Numeric Length: 3 Variable label: How useful has your last post-secondary certificate been for each of the following? b. Increasing your pay Index number: 45						
	.	LOGICAL SKIP	5,418	85.4	172,027,184	.
	1	Not useful	354	5.6	9,530,558	38.1
	2	Somewhat useful	235	3.7	5,778,265	23.1
	3	Very useful	288	4.5	8,360,670	33.4
	4	Too soon to tell	44	0.7	1,119,058	4.5
	-3	NA	6	0.1	235,398	0.9

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q26_C Type: Numeric Length: 3 Variable label: How useful has your last post-secondary certificate been for each of the following? c. Improving your work skills Index number: 46						
	.	LOGICAL SKIP	5,418	85.4	172,027,184	.
	1	Not useful	123	1.9	3,403,466	13.6
	2	Somewhat useful	262	4.1	6,619,785	26.5
	3	Very useful	516	8.1	13,975,347	55.8
	4	Too soon to tell	21	0.3	790,442	3.2
	-3	NA	5	0.1	234,909	0.9

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q27_APP Type: Numeric Length: 3 Variable label: An apprentice is a worker who receives both on-the-job training and related instruction to learn an occupation while being paid a training salary. Have you ever completed an apprenticeship? Index number: 47						
	1	No, and I am not in an apprenticeship now	5,647	89.0	173,649,691	88.1
	2	No, but I am in an apprenticeship now	96	1.5	4,353,712	2.2
	3	Yes, I have completed an apprenticeship	584	9.2	18,116,223	9.2
	-3	NA	18	0.3	931,508	0.5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q28_APP_WORK Type: Numeric Length: 3 Variable label: What type of work was your apprenticeship for? Index number: 48						
	.	LOGICAL SKIP	5,761	90.8	178,934,911	.
	1	Building or construction (carpenter, electrician, plumber, etc.)	68	1.1	2,964,132	16.4
	2	Business and administrative support	74	1.2	1,943,293	10.7
	3	Cosmetology	13	0.2	277,392	1.5
	4	Production (tool maker, machinist, etc.)	29	0.5	1,275,363	7.0
	5	Science, drafting, and computing	77	1.2	1,618,924	8.9
	6	Other Specify	317	5.0	9,657,921	53.3
	-3	NA	6	0.1	379,197	2.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q29_Q29_A_R Type: Numeric Length: 3 Variable label: Do the following statements describe your apprenticeship? a. I was evaluated by a co-worker or supervisor Index number: 49						
	.	LOGICAL SKIP	5,761	90.8	178,934,911	.
	1	No	97	1.5	3,978,870	22.0
	2	Yes	486	7.7	14,005,011	77.3
	-3	NA	1	0.0	132,341	0.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q29_Q29_B_R Type: Numeric Length: 3 Variable label: Do the following statements describe your apprenticeship? b. I got college credit Index number: 50						
	.	LOGICAL SKIP	5,761	90.8	178,934,911	.
	1	No	391	6.2	13,701,974	75.6
	2	Yes	192	3.0	4,281,908	23.6
	-3	NA	1	0.0	132,341	0.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q29_Q29_C_R Type: Numeric Length: 3 Variable label: Do the following statements describe your apprenticeship? c. I received journeyman status at the end of an apprenticeship Index number: 51						
	.	LOGICAL SKIP	5,761	90.8	178,934,911	.
	1	No	462	7.3	13,674,820	75.5
	2	Yes	121	1.9	4,309,061	23.8
	-3	NA	1	0.0	132,341	0.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q29_Q29_D_R Type: Numeric Length: 3 Variable label: Do the following statements describe your apprenticeship? d. I got a state or federal apprenticeship number Index number: 52						
	.	LOGICAL SKIP	5,761	90.8	178,934,911	.
	1	No	512	8.1	15,771,282	87.1
	2	Yes	71	1.1	2,212,599	12.2
	-3	NA	1	0.0	132,341	0.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q29_Q29_E_R Type: Numeric Length: 3 Variable label: Do the following statements describe your apprenticeship? e. I received instruction (at a school, online, or from my employer) related to my apprenticeship Index number: 53						
	.	LOGICAL SKIP	5,761	90.8	178,934,911	.
	1	No	183	2.9	5,217,777	28.8
	2	Yes	400	6.3	12,766,105	70.5
	-3	NA	1	0.0	132,341	0.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q30_APP_CERT_LIC Type: Numeric Length: 3 Variable label: Did your apprenticeship help you earn a professional certification or license? Index number: 54						
	.	LOGICAL SKIP	5,761	90.8	178,934,911	.
	1	No	311	4.9	10,079,706	55.6
	2	Yes	268	4.2	7,925,089	43.7
	-3	NA	5	0.1	111,427	0.6

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q31_APP_CERTIFICATE Type: Numeric Length: 3 Variable label: Did your apprenticeship lead to a certificate or degree? Index number: 55						
	.	LOGICAL SKIP	5,761	90.8	178,934,911	.
	1	No	318	5.0	10,415,836	57.5
	2	Yes	265	4.2	7,692,980	42.5
	-3	NA	1	0.0	7,406	0.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q32_APP_JOB Type: Numeric Length: 3 Variable label: Is your current job related to your apprenticeship? Index number: 56						
	.	LOGICAL SKIP	5,761	90.8	178,934,911	.
	1	Not applicable, not currently working	115	1.8	4,712,166	26.0
	2	No	155	2.4	4,536,660	25.0
	3	Yes, somewhat related	126	2.0	3,638,822	20.1
	4	Yes, very related	185	2.9	5,052,208	27.9
	-3	NA	3	0.0	176,366	1.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q33_APP_SKILL_USE Type: Numeric Length: 3 Variable label: In your current job, how often do you use the skills or knowledge that you learned during your apprenticeship? Index number: 57						
	.	LOGICAL SKIP	5,761	90.8	178,934,911	.
	1	Not applicable, not currently working	122	1.9	4,693,131	25.9
	2	Never or almost never	58	0.9	1,971,132	10.9
	3	Sometimes	168	2.6	4,280,109	23.6
	4	All or most of the time	233	3.7	6,867,215	37.9
	-3	NA	3	0.0	304,635	1.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q34_A Type: Numeric Length: 3 Variable label: How useful was your apprenticeship for each of the following? a. Getting a job Index number: 58						
	.	LOGICAL SKIP	5,761	90.8	178,934,911	.
	1	Not useful	57	0.9	1,596,619	8.8
	2	Somewhat useful	164	2.6	5,526,797	30.5
	3	Very useful	336	5.3	9,808,582	54.1
	4	Too soon to tell	21	0.3	872,573	4.8
	-3	NA	6	0.1	311,651	1.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q34_B Type: Numeric Length: 3 Variable label: How useful was your apprenticeship for each of the following? b. Increasing your pay Index number: 59						
	.	LOGICAL SKIP	5,761	90.8	178,934,911	.
	1	Not useful	141	2.2	3,845,839	21.2
	2	Somewhat useful	162	2.6	5,276,505	29.1
	3	Very useful	253	4.0	7,947,620	43.9
	4	Too soon to tell	24	0.4	768,158	4.2
	-3	NA	4	0.1	278,100	1.5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q34_C						
Type: Numeric						
Length: 3						
Variable label: How useful was your apprenticeship for each of the following?						
c. Improving your work skills						
Index number: 60						
	.	LOGICAL SKIP	5,761	90.8	178,934,911	.
	1	Not useful	38	0.6	1,833,728	10.1
	2	Somewhat useful	141	2.2	4,152,689	22.9
	3	Very useful	392	6.2	11,526,525	63.6
	4	Too soon to tell	10	0.2	343,196	1.9
	-3	NA	3	0.0	260,084	1.4

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q35_EMPLOYED						
Type: Numeric						
Length: 3						
Variable label: Last week, were you employed for pay at a job or a business? If you were temporarily absent from a job or business (on vacation, temporarily ill, on maternity leave, etc.), answer "Yes".						
Index number: 61						
	1	No	2,474	39.0	81,461,360	41.3
	2	Yes	3,868	61.0	115,517,613	58.6
	-3	NA	3	0.0	72,160	0.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q36_FULL_TIME						
Type: Numeric						
Length: 3						
Variable label: Last week, did you work full time (35 hours or more per week)?						
Index number: 62						
	.	LOGICAL SKIP	2,477	39.0	81,533,520	.
	1	No	843	13.3	25,519,043	22.1
	2	Yes	3,022	47.6	89,976,163	77.9
	-3	NA	3	0.0	22,408	0.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q37_WEEKS_WORKED						
Type: Numeric						
Length: 3						
Variable label: During the past 12 months (52 weeks), how many weeks did you work, including paid vacation, paid sick leave, and military service?						
Index number: 63						
	1	51 to 52 weeks	2,801	44.1	84,743,316	43.0
	2	49 to 49 weeks	461	7.3	13,805,704	7.0
	3	41 to 47 weeks	615	9.7	17,815,555	9.0
	4	28 to 39 weeks	349	5.5	10,994,444	5.6
	5	15 to 26 weeks	279	4.4	7,843,105	4.0
	6	2 to 13 weeks	364	5.7	11,320,082	5.7
	7	1 week	1,449	22.8	49,501,816	25.1
	-3	NA	27	0.4	1,027,112	0.5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q38_HOURS_WORKED						
Type: Numeric						
Length: 3						
Variable label: During the past 12 months, in the weeks you worked, how many hours did you usually work each WEEK?						
Index number: 64						
.		LOGICAL SKIP	1,476	23.3	50,528,928	.
	0	0	1	0.0	5,083	0.0
	1	1	2	0.0	4,921	0.0
	2	2	7	0.1	248,516	0.2
	3	3	11	0.2	93,992	0.1
	4	4	19	0.3	432,216	0.3
	5	5	31	0.5	552,836	0.4
	6	6	23	0.4	335,530	0.2
	7	7	17	0.3	497,232	0.3
	8	8	66	1.0	2,293,304	1.6
	9	9	13	0.2	390,954	0.3
	10	10	62	1.0	1,066,685	0.7
	11	11	2	0.0	116,665	0.1
	12	12	43	0.7	1,086,273	0.7
	13	13	7	0.1	296,382	0.2
	14	14	11	0.2	338,413	0.2
	15	15	57	0.9	1,798,534	1.2
	16	16	31	0.5	668,748	0.5
	17	17	6	0.1	99,993	0.1
	18	18	16	0.3	297,058	0.2
	19	19	3	0.0	62,109	0.0
	20	20	214	3.4	5,606,843	3.8
	21	21	6	0.1	234,847	0.2
	22	22	18	0.3	674,775	0.5
	23	23	2	0.0	11,557	0.0
	24	24	56	0.9	1,596,026	1.1
	25	25	119	1.9	4,207,479	2.9
	26	26	4	0.1	80,462	0.1
	27	27	16	0.3	719,945	0.5
	28	28	27	0.4	1,223,337	0.8
	29	29	9	0.1	268,773	0.2
	30	30	209	3.3	7,482,772	5.1
	31	31	3	0.0	87,227	0.1
	32	32	62	1.0	2,559,171	1.7
	33	33	11	0.2	156,442	0.1
	34	34	12	0.2	542,598	0.4
	35	35	257	4.1	6,704,692	4.6
	36	36	66	1.0	2,327,652	1.6
	37	37	59	0.9	1,477,261	1.0
	38	38	66	1.0	2,107,373	1.4
	39	39	11	0.2	483,844	0.3
	40	40	1,907	30.1	51,734,753	35.3
	41	41	14	0.2	556,099	0.4
	42	42	68	1.1	1,977,620	1.3
	43	43	29	0.5	1,128,857	0.8
	44	44	32	0.5	1,080,993	0.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q38_HOURS_WORKED						
Type: Numeric						
Length: 3						
Variable label: During the past 12 months, in the weeks you worked, how many hours did you usually work each WEEK?						
Index number: 64						
	45	45	332	5.2	11,093,784	7.6
	46	46	16	0.3	601,594	0.4
	47	47	10	0.2	457,166	0.3
	48	48	55	0.9	2,206,721	1.5
	50	50	363	5.7	12,274,842	8.4
	51	51	1	0.0	62,499	0.0
	52	52	14	0.2	647,980	0.4
	53	53	4	0.1	73,057	0.0
	54	54	5	0.1	105,396	0.1
	55	55	68	1.1	2,411,618	1.6
	56	56	12	0.2	420,927	0.3
	57	57	2	0.0	141,108	0.1
	58	58	4	0.1	43,591	0.0
	59	59	2	0.0	152,360	0.1
	60	60	162	2.6	6,045,953	4.1
	64	64	2	0.0	145,856	0.1
	65	65	28	0.4	686,222	0.5
	66	66	2	0.0	27,787	0.0
	70	70	25	0.4	899,933	0.6
	72	72	1	0.0	1,570	0.0
	74	74	1	0.0	28	0.0
	75	75	3	0.0	272,890	0.2
	80	80	20	0.3	714,208	0.5
	84	84	4	0.1	97,098	0.1
	88	88	1	0.0	1,699	0.0
	90	90	4	0.1	219,483	0.1
	96	96	1	0.0	510	0.0
	>100	>100	16	0.3	825,496	0.6
	-3	NA	6	0.1	173,989	0.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q39_EARNINGS						
Type: Numeric						
Length: 3						
Variable label: Which category best fits your earnings from wages, salary, commissions, bonuses, or tips, from all jobs over the past 12 months?						
Index number: 65						
	.	LOGICAL SKIP	1,476	23.3	50,528,928	.
	1	$0 to $10,001	749	11.8	26,204,859	17.9
	2	$10,001 to $20,001	583	9.2	17,573,324	12.0
	3	$20,001 to $30,001	586	9.2	18,888,606	12.9
	4	$30,001 to $40,001	516	8.1	15,817,046	10.8
	5	$40,001 to $50,001	452	7.1	12,487,765	8.5
	6	$50,001 to $60,001	386	6.1	12,275,780	8.4
	7	$60,001 to $75,001	468	7.4	11,774,186	8.0
	8	$75,001 to $150,001	884	13.9	23,129,712	15.8
	9	$150,001 or more	234	3.7	7,827,321	5.3
	-3	NA	11	0.2	543,606	0.4

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q40_BUSINESS_TYPE						
Type: Numeric						
Length: 8						
Variable label: What kind of business or industry did you work for?						
Index number: 66						
	.	LOGICAL SKIP	1,513	23.8	51,895,748	.
	1	Accommodation and Food Services	297	4.7	13,297,034	9.2
	2	Management, Administrative and Support, and Waste Management Services	103	1.6	4,154,848	2.9
	3	Agriculture, Forestry, Fishing, and Hunting	56	0.9	2,137,947	1.5
	4	Arts, Entertainment, and Recreation	194	3.1	6,225,409	4.3
	5	Construction	91	1.4	3,974,171	2.7
	6	Educational Services	754	11.9	14,925,169	10.3
	7	Finance and Insurance	269	4.2	7,686,621	5.3
	8	Health Care and Social Assistance	888	14.0	22,397,697	15.4
	9	Information and Information Technology	288	4.5	8,550,859	5.9
	10	Manufacturing	194	3.1	7,629,757	5.3
	11	Mining, Quarrying, and Oil and Gas Extraction	31	0.5	1,410,410	1.0
	12	Other Services	106	1.7	3,779,243	2.6
	13	Professional, Scientific, and Technical Services	320	5.0	7,901,363	5.4
	14	Public Administration and Public Safety	339	5.3	9,320,749	6.4
	15	Real Estate and Rental and Leasing	52	0.8	2,161,450	1.5
	16	Retail Trade	349	5.5	12,602,705	8.7
	17	Transportation and Warehousing	203	3.2	8,585,096	5.9
	18	Utilities	33	0.5	687,211	0.5
	19	Wholesale Trade	11	0.2	438,402	0.3
	20	Other - Uncodable	228	3.6	6,178,443	4.3
	21	Military	26	0.4	1,110,803	0.8

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q43_JOB_LIC						
Type: Numeric						
Length: 3						
Variable label: Did you have a license that was required by a federal, state, or local government agency to do this job?						
Index number: 67						
	.	LOGICAL SKIP	1,476	23.3	50,528,928	.
	1	No	3,449	54.4	106,266,898	72.5
	2	Yes	1,409	22.2	39,540,066	27.0
	-3	NA	11	0.2	715,242	0.5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q44_MILITARY Type: Numeric Length: 3 Variable label: Have you ever served on active duty in the U.S. Armed Forces, Reserves, or National Guard? Index number: 68						
	1	No, never served in the military	6,008	94.7	185,586,064	94.2
	2	Yes, but only on active duty for training in the Reserve or National Guard	77	1.2	2,228,905	1.1
	3	Yes, now on active duty	16	0.3	813,094	0.4
	4	On active duty in the past but not now	238	3.8	8,165,356	4.1
	-3	NA	6	0.1	257,713	0.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q45_GENDER Type: Numeric Length: 3 Variable label: Are you male or female? Index number: 69						
	1	Male	2,386	37.6	96,968,265	49.2
	2	Female	3,957	62.4	100,041,246	50.8
	3	Other	2	0.0	41,622	0.0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q46_MARITAL_STATUS Type: Numeric Length: 3 Variable label: What is your current marital status? Index number: 70						
	1	Now married	2,843	44.8	89,637,969	45.5
	2	Widowed	141	2.2	3,624,054	1.8
	3	Divorced	729	11.5	19,735,358	10.0
	4	Separated	188	3.0	7,792,326	4.0
	5	Never married	2,437	38.4	75,885,862	38.5
	-3	NA	7	0.1	375,564	0.2

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q47_AGE						
Type: Numeric						
Length: 3						
Variable label: How old are you?						
Index number: 71						
	18	18	115	1.8	6,122,021	3.1
	19	19	82	1.3	3,156,757	1.6
	20	20	85	1.3	3,724,939	1.9
	21	21	92	1.4	3,205,052	1.6
	22	22	96	1.5	3,691,996	1.9
	23	23	112	1.8	4,852,109	2.5
	24	24	151	2.4	4,650,932	2.4
	25	25	153	2.4	4,720,606	2.4
	26	26	153	2.4	4,837,367	2.5
	27	27	152	2.4	3,548,378	1.8
	28	28	143	2.3	4,300,268	2.2
	29	29	135	2.1	3,937,796	2.0
	30	30	176	2.8	4,297,850	2.2
	31	31	140	2.2	4,286,240	2.2
	32	32	161	2.5	5,564,569	2.8
	33	33	144	2.3	4,678,811	2.4
	34	34	150	2.4	4,078,424	2.1
	35	35	164	2.6	4,793,348	2.4
	36	36	171	2.7	5,088,222	2.6
	37	37	129	2.0	4,066,532	2.1
	38	38	114	1.8	2,949,223	1.5
	39	39	112	1.8	2,626,550	1.3
	40	40	148	2.3	3,868,572	2.0
	41	41	112	1.8	2,759,307	1.4
	42	42	126	2.0	4,308,699	2.2
	43	43	128	2.0	4,310,145	2.2
	44	44	108	1.7	3,366,020	1.7
	45	45	110	1.7	3,525,283	1.8
	46	46	115	1.8	3,195,838	1.6
	47	47	119	1.9	3,957,183	2.0
	48	48	121	1.9	3,435,193	1.7
	49	49	112	1.8	3,770,597	1.9
	50	50	145	2.3	4,590,371	2.3
	51	51	120	1.9	4,884,436	2.5
	52	52	123	1.9	4,204,105	2.1
	53	53	133	2.1	5,286,369	2.7
	54	54	143	2.3	4,542,566	2.3
	55	55	150	2.4	5,312,385	2.7
	56	56	144	2.3	5,058,285	2.6
	57	57	133	2.1	5,344,377	2.7
	58	58	148	2.3	4,016,013	2.0
	59	59	125	2.0	2,956,176	1.5
	60	60	145	2.3	4,291,468	2.2
	61	61	167	2.6	4,863,462	2.5
	62	62	184	2.9	4,116,818	2.1
	63	63	145	2.3	3,070,432	1.6
	64	64	211	3.3	4,839,043	2.5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q48_HISPANIC Type: Numeric Length: 3 Variable label: Are you of Hispanic, Latino, or Spanish origin? Index number: 72						
	1 No		5,109	80.5	161,413,788	81.9
	2 Yes		1,226	19.3	35,113,059	17.8
	-3 NA		10	0.2	524,286	0.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q49_RACE_01 Type: Numeric Length: 3 Variable label: What is your race? 1. White Index number: 73						
	.	LOGICAL SKIP	3	0.0	143,273	.
	0 No		3,176	50.1	58,108,259	29.5
	1 Yes		3,161	49.8	138,583,273	70.4
	-3 NA		5	0.1	216,329	0.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q49_RACE_02 Type: Numeric Length: 3 Variable label: What is your race? 2. Black or African American Index number: 74						
	.	LOGICAL SKIP	3	0.0	143,273	.
	0 No		5,298	83.5	170,291,751	86.5
	1 Yes		1,039	16.4	26,399,780	13.4
	-3 NA		5	0.1	216,329	0.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q49_RACE_03 Type: Numeric Length: 3 Variable label: What is your race? 3. American Indian or Alaska Native Index number: 75						
	.	LOGICAL SKIP	3	0.0	143,273	.
	0 No		5,701	89.9	194,580,877	98.8
	1 Yes		636	10.0	2,110,654	1.1
	-3 NA		5	0.1	216,329	0.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q49_RACE_04 Type: Numeric Length: 3 Variable label: What is your race? 4. Asian Index number: 76						
	.	LOGICAL SKIP	3	0.0	143,273	.
	0	No	5,320	83.8	184,031,443	93.5
	1	Yes	1,017	16.0	12,660,088	6.4
	-3	NA	5	0.1	216,329	0.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q49_RACE_05 Type: Numeric Length: 3 Variable label: What is your race? 5. Native Hawaiian or Other Pacific Islander Index number: 77						
	.	LOGICAL SKIP	3	0.0	143,273	.
	0	No	6,269	98.8	195,800,854	99.4
	1	Yes	68	1.1	890,677	0.5
	-3	NA	5	0.1	216,329	0.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q49_RACE_06 Type: Numeric Length: 3 Variable label: What is your race? 6. Other Index number: 78						
	.	LOGICAL SKIP	3	0.0	143,273	.
	0	No	5,569	87.8	176,777,591	89.8
	1	Yes	768	12.1	19,913,940	10.1
	-3	NA	5	0.1	216,329	0.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q49_RACE_07 Type: Numeric Length: 3 Variable label: What is your race? 7. Multiple Index number: 79						
	.	LOGICAL SKIP	826	13.0	28,921,446	.
	0	No	5,506	86.8	167,325,633	99.5
	1	Yes	13	0.2	804,054	0.5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q50_INTERNET Type: Numeric Length: 3 Variable label: Do you have Internet access at home on a computer or tablet? Index number: 80						
	.	LOGICAL SKIP	3	0.0	143,273	.
	1	No	740	11.7	25,317,650	12.9
	2	Yes	5,598	88.2	171,403,507	87.0
	-3	NA	4	0.1	186,702	0.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Frequency, CPS Weight	Weighted Percent, CPS Weight
Variable number: Q51_CITIZENSHIP Type: Numeric Length: 3 Variable label: What is your citizenship status? Index number: 81						
	.	LOGICAL SKIP	8	0.1	209,670	.
	1	U.S. citizen since birth	4,872	76.8	163,022,996	82.8
	2	Naturalized U.S. citizen	776	12.2	17,333,450	8.8
	3	Non-U.S. citizen	682	10.7	16,095,386	8.2
	-3	NA	7	0.1	389,631	0.2