DATA USERS' GUIDE

National Employment and Attainment Survey (NEAS) Public Use File

NORC
at the UNIVERSITY *of* CHICAGO

Table of Contents

Study Overview

The 2019 National Education and Attainment Survey (NEAS) was fielded in beginning in April 2019. This study was a follow up to a first iteration of the NEAS, which 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[2] and 2019 NEAS were 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 10 to 15 minute multi-mode survey, the NEAS samples 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[3]. 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 2019 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 5,601 respondents across the country between the ages of 18 and 64 in 2019.

Lumina's Program Officers for this study were Dr. Amia Foston, and Dr. Wendy Sedlak. 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:

- 2019 National Employment and Attainment Survey (NEAS) Methodology Report
    - ► A methodology report posted by staff at NORC.
- A Stronger Nation (2017)

---

[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 NEAS results and products can be found here: https://www.norc.org/Research/Projects/Pages/national-education-and-attainment-survey.aspx

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

► 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 during the 2017 NEAS for cognitive processing and question flow via a series cognitive interviews before finalizing the survey questions. The final NEAS 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.)

The 2019 NEAS survey made a small number of modifications and improvements to the questionnaire. Specifically:

- For both the paper and web versions, the household screener questions were modified to further reduce non-eligible responses.
- Degree Attainment: 2017 NEAS Q1-3 were modified in 2019 to better clarify, asking respondents about their highest degree, followed by additional degrees they have attained (2019 Q2 and Q3).
- One question (43b) was added to the 2019 survey.

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 needed to be converted to an 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 individual weight such that the weighted sample counts match the population counts by region, age group, gender, race/ethnicity, and education attainment. The population counts are 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[4]. This code frame was developed using a two-stage coding approach that initially applied the National Survey of College Graduates (NSCG) certification codes[5] at Stage 1, followed by a combination of NSCG and ATES Pilot Study[6] 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[7]. The approach for coding was also used in the 2017 NEAS.

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.

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, and certificates and their impact on employment outcomes. Specifically, the data can be utilized to look at those with a high-quality certificate, license, or certification 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 so 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.

---

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

[5] 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).

[6] 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).

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

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 delivered in 2016, and the 2017 NEAS. 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. As with the 2017 NESS, it was determined that local suppression would not be necessary for the 2019 NEAS PUF because the sampling 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 2019 NEAS PUF have not been significantly altered, so analysis performed using the 2019 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	Character	8
FINAL_WEIGHT	Final Weight	2	Numeric	8
REGION	Census Region	3	Character	9
STRATUM	1st Phase Stratum	4	Numeric	8
LANG	Would you like to continue this survey in English or Spanish?	5	Numeric	8
SCREENER__1_AGEVER_1	Are there any adults between the ages of 18 and 64 who live in this household?	6	Numeric	8
Q2_HIGHDEG	What is the highest degree or level of school you have completed?	7	Numeric	8
Q3_Q3_A_R	Which of the following degrees have you completed? a. Associate's degree	8	Numeric	8
Q3_Q3_B_R	Have you ever completed a(an): b. Bachelor's degree	9	Numeric	8
Q3_Q3_C_R	Have you ever completed a(an): c. Master's degree	10	Numeric	8
Q3_Q3_D_R	Have you ever completed a(an): d. Professional degree	11	Numeric	8
Q3_Q3_E_R	Have you ever completed a(an): e. Doctorate degree	12	Numeric	8
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	8
Q5_COL_ENROLL	Are you currently enrolled or taking courses at a college, university, technical or trade school, or other school?	14	Numeric	8
Q6_EDU_PLAN	Do you plan on completing a degree or certificate program?	15	Numeric	8
Q7A	What degree or certificate program do you plan to complete?	16	Numeric	8
Q7_B_DEGREE_PLAN_FOS	Please provide the field of study that best describes this degree or certificate.	17	Numeric	8
Q8_ESL	Have you taken any classes to learn English as a second language, sometimes called ESL or ESOL classes?	18	Numeric	8
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	8
Q10_NUM_ACTIVE	How many currently active certifications and licenses do you have?	20	Numeric	8
Q11_MOST_IMP_CERT_LIC	What is the name of your most important certification or license?	21	Numeric	8
Q12_CERT_LIC_WORK	What kind of work is your most important certification or license for?	22	Numeric	8

Variable	Label	Index Number	Type	Variable Length
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	8
Q14_CERT_LIC_REV	Can your most important certification or license be revoked or suspended for any reason?	24	Numeric	8
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	8
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	8
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	8
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	8
Q17_A	How useful has your most important certification or license been for each of the following? a. Getting a job	30	Numeric	8
Q17_B	How useful has your most important certification or license been for each of the following? b. Keeping a job	31	Numeric	8
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	8
Q17_D	How useful has your most important certification or license been for each of the following? d. Improving your work skills	33	Numeric	8
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	8
Q18_B	People sometimes earn certificates from an education or training program. These are different from certifications or licenses. Do not include certifications or licenses here. b. A certificate for completing a vocational program at a high school?	35	Numeric	8
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.	36	Numeric	8

Variable	Label	Index Number	Type	Variable Length
	c. A high school equivalency certificate, such as a GED?			
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.	37	Numeric	8
Q18_D_SPECIFY	How many post-secondary certificates do you have?	38	Numeric	8
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?	39	Numeric	8
Q21_CERTIFICATE_HOURS	About how many hours of instruction did you complete in order to earn your last post-secondary certificate?	40	Numeric	8
Q22_CERTIFICATE_ENROLL	Which one of the following was required for enrolling in your last post-secondary certificate program?	41	Numeric	8
Q23_CERTIFCATE_CREDITS	To earn your last post-secondary certificate did you have to complete a minimum number of credits or courses?	42	Numeric	8
Q24_CERTIFICATE_TRAIN	Was your last post-secondary certificate part of the training you took for a professional certification or license?	43	Numeric	8
Q25_CERTIFICATE_JOB	Is your current job related to your last post-secondary certificate?	44	Numeric	8
Q26_A	How useful has your last post-secondary certificate been for each of the following? a. Getting a job	45	Numeric	8
Q26_B	How useful has your last post-secondary certificate been for each of the following? b. Increasing your pay	46	Numeric	8
Q26_C	How useful has your last post-secondary certificate been for each of the following? c. Improving your work skills	47	Numeric	8
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?	48	Numeric	8
Q28_APP_WORK	What type of work was your apprenticeship for?	49	Numeric	8
Q29_Q29_A_R	Do the following statements describe your apprenticeship? a. I was evaluated by a co-worker or supervisor	50	Numeric	8
Q29_Q29_B_R	Do the following statements describe your apprenticeship? b. I got college credit	51	Numeric	8
Q29_Q29_C_R	Do the following statements describe your apprenticeship? c. I received journeyman status at the end of an apprenticeship	52	Numeric	8

Variable	Label	Index Number	Type	Variable Length
Q29_Q29_D_R	Do the following statements describe your apprenticeship? d. I got a state or federal apprenticeship number	53	Numeric	8
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	54	Numeric	8
Q30_APP_CERT_LIC	Did your apprenticeship help you earn a professional certification or license?	55	Numeric	8
Q31_APP_CERTIFICATE	Did your apprenticeship lead to a certificate or degree?	56	Numeric	8
Q32_APP_JOB	Is your current job related to your apprenticeship?	57	Numeric	8
Q33_APP_SKILL_USE	In your current job, how often do you use the skills or knowledge that you learned during your apprenticeship?	58	Numeric	8
Q34_A	How useful was your apprenticeship for each of the following? a. Getting a job	59	Numeric	8
Q34_B	How useful was your apprenticeship for each of the following? b. Increasing your pay	60	Numeric	8
Q34_C	How useful was your apprenticeship for each of the following? c. Improving your work skills	61	Numeric	8
Q35_EMPLOYED	Last week, were you employed for pay at a job or a business?	62	Numeric	8
Q36_FULL_TIME	Last week, did you work full time (35 hours or more per week)?	63	Numeric	8
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?	64	Numeric	8
Q38_HOURS_WORKED	During the past 12 months, in the weeks you worked, how many hours did you usually work each WEEK?	65	Numeric	8
Q39_EARNINGS	Which category best fits your earnings from wages, salary, commissions, bonuses, or tips, from all jobs over the past 12 months?	66	Numeric	8
Q40_BUSINESS_TYPE	What kind of business or industry did you work for?	67	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?	68	Numeric	8
Q43_1_JOB_YRS	For how many years have you done this kind of work, that is, how long have you been in this occupation?	69	Numeric	8
Q44_MILITARY	Have you ever served on active duty in the U.S. Armed Forces, Reserves, or National Guard?	70	Numeric	8
Q45_GENDER	Are you male or female?	71	Numeric	8
Q46_MARITAL_STATUS	What is your current marital status?	72	Numeric	8
Q47_AGE	How old are you?	73	Numeric	8
Q48_HISPANIC	Are you of Hispanic, Latino, or Spanish origin?	74	Numeric	8

Variable	Label	Index Number	Type	Variable Length
Q49_RACE_01	What is your race? 1. White	75	Numeric	8
Q49_RACE_02	What is your race? 2. Black or African American	76	Numeric	8
Q49_RACE_03	What is your race? 3. American Indian or Alaska Native	77	Numeric	8
Q49_RACE_04	What is your race? 4. Asian	78	Numeric	8
Q49_RACE_05	What is your race? 5. Native Hawaiian or Other Pacific Islander	79	Numeric	8
Q49_RACE_06	What is your race? 6. Other	80	Numeric	8
Q49_RACE_07	What is your race? 7. Multiple	81	Numeric	8
Q50_INTERNET	Do you have Internet access at home on a computer or tablet?	82	Numeric	8
Q51_CITIZENSHIP	What is your citizenship status?	83	Numeric	8

Appendix A. Questionnaire

Lumina FOUNDATION

NORC at the UNIVERSITY of CHICAGO

National Education and Attainment Survey
2019

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!

1

Start Here

Thank you again for taking part in this very important study. Before we begin, we have a couple of questions to confirm your eligibility to complete the survey.

In Your Home

A **Are there any adults between the ages of 18 and 64 who live in this household?**

1 ☐ No → 🛑 **STOP HERE.** If there is no one between the ages of 18 and 64 in this household, please check the "No" box, stop here, and return this survey to us in the enclosed envelope.

2 ☐ Yes ⤵ `SCREENER__1_AGEVER_1`

B **How many members of this household are between the ages of 18 and 64? Please include yourself if you are between the ages of 18 and 64.**

☐☐ Total household members between the ages of 18 and 64

Please have the adult between the ages of 18 and 64 who had the most recent birthday complete this survey beginning at Question 1.

Contact Information

1 **So that we can ensure you receive your Thank You gift after completing the survey, please provide your name and contact information:**

First Name: ☐   Last Name: ☐

Mailing Address: ☐

City, State, ZIP: ☐

Email: ☐   Phone: ☐

Section A. Education

2 **What is the highest degree or level of school you have completed?**

`Q2_HIGHDEG`

Mark **X** ONE only.

1 ☐ Elementary or high school, but no high school diploma or GED® → Skip to Question 5
2 ☐ High school diploma → Skip to Question 5
3 ☐ GED® or alternative high school credential → Skip to Question 5
4 ☐ Some college credit but less than one year of college credit → Skip to Question 4
5 ☐ 1 or more years of college credit, no degree → Skip to Question 4
6 ☐ Associate's degree (for example, AA, AS) → Skip to Question 4
7 ☐ Bachelor's degree (for example, BA, BS)
8 ☐ Master's degree (for example, MA, MS)
9 ☐ Professional degree beyond a bachelor's degree (for example, MD, DDS, DVM, LLB, JD)
10 ☐ Doctorate degree (for example, PhD, EdD)

3 **We are interested in knowing about all the college degrees you have earned. Including the degree you selected in the previous question, please confirm all of the college degrees you have completed.**

Please mark "Yes" for all degrees completed and mark "No" for degrees not completed.

Have you ever completed a(n) …	No	Yes
a. Associate's degree (for example, AA, AS)	☐ 1	☐ 2 `Q3_Q3_A_R`
b. Bachelor's degree (for example, BA, BS)	☐ 1	☐ 2 `Q3_Q3_B_R`
c. Master's degree (for example, MA, MS, MEng, MEd, MSW, MBA)	☐ 1	☐ 2 `Q3_Q3_C_R`
d. Professional degree (for example, MD, DDS, DVM, LLB, JD)	☐ 1	☐ 2 `Q3_Q3_D_R`
e. Doctorate degree (for example, PhD, EdD)	☐ 1	☐ 2 `Q3_Q3_E_R`

2

4 **Which one of the following best describes the field of study for the highest level of school you have completed?** `Q4_HIGHEST_EDU_FOS`

Mark **X** *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 ⌐

`Q4_HIGHEST_EDU_FOS_Q4_SPECIFY`

5 **Are you currently enrolled or taking courses at a college, university, technical or trade school, or other school?** `Q5_COL_ENROLL`

1 ☐ No → *Skip to Question 8*
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?** `Q6_EDU_PLAN`

1 ☐ No → *Skip to Question 8*
2 ☐ Yes

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

Mark **X** *ONE only.* `Q7A`

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)

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

`Q7_B_DEGREE_PLAN_FOS`

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

1 ☐ No `Q8_ESL`
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 _currently active_ 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 not include business licenses, such as a liquor license or vending license.

1 ☐ No → *Skip to Question 18*
2 ☐ Yes `Q9_CERT_LIC`

10 **How many _currently active_ certifications and licenses do you have?** `Q10_NUM_ACTIVE`

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

☐☐ Number of certifications and licenses

3

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?

Q11_MOST_IMP_CERT_LIC

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

Q12_CERT_LIC_WORK

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? Q13_CERT_LIC_REQ

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   Q14_CERT_LIC_REV
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? Q15_Q15_A_R	1 ☐	2 ☐
b. taking classes or training from your employer, a training company, association, union, or private instructor? Q15_Q15_B_R	1 ☐	2 ☐
c. studying on your own using textbooks or online resources? Q15_Q15_C_R	1 ☐	2 ☐
d. Other (Please specify)	1 ☐	2 ☐

Q15_D_SPECIFY

16 Is your most important certification or license for your current job or career? Q16_CERT_LIC_CUR_JOB

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   Q17_A
2 ☐ Somewhat useful
3 ☐ Very useful
4 ☐ Too soon to tell

b. Keeping a job
1 ☐ Not useful   Q17_B
2 ☐ Somewhat useful
3 ☐ Very useful
4 ☐ Too soon to tell

c. Keeping you marketable to employers or clients
1 ☐ Not useful   Q17_C
2 ☐ Somewhat useful
3 ☐ Very useful
4 ☐ Too soon to tell

d. Improving your work skills
1 ☐ Not useful   Q17_D
2 ☐ Somewhat useful
3 ☐ Very useful
4 ☐ Too soon to tell

4

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?

Q18_A **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

Q18_B **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:

Q18_B_INSTITUTION

Branch or City:

Q18_B_BRANCH_CITY

State or Province:

Q18_B_STATE_PROVINCE

Country:

Q18_B_COUNTRY

Q18_C **c.** A high school equivalency certificate, such as a GED?

1 ☐ No
2 ☐ Yes

Q18_D **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 Question 27*
2 ☐ Yes ⤵

How many post-secondary certificates do you have?

☐☐ Q18_D_SPECIFY

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.*   Q19_CERTIFICATE_FOS

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 ⤵

Q19_CERTIFICATE_FOS_Q19_SPECIFY

20 Who gave you your last post-secondary certificate?

Name of Institution:

Q20_INSTITUTION

Branch or City:

Q20_BRANCH_CITY

State or Province:

Q20_STATE_PROVINCE

Country:

Q20_COUNTRY

21 About how many hours of instruction did you complete in order to earn your last post-secondary certificate? Q21_CERTIFICATE_HOURS

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

5

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

Mark **X** *ONE only.* `Q22_CERTIFICATE_ENROLL`

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   `Q23_CERTIFCATE_CREDITS`

2 ☐ Yes

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

1 ☐ No   `Q24_CERTIFICATE_TRAIN`

2 ☐ Yes

25 Is your current job related to your last post-secondary certificate? `Q25_CERTIFICATE_JOB`

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?

`Q26_A` **a. Getting a job**

1 ☐ Not useful

2 ☐ Somewhat useful

3 ☐ Very useful

4 ☐ Too soon to tell

`Q26_B` **b. Increasing your pay**

1 ☐ Not useful

2 ☐ Somewhat useful

3 ☐ Very useful

4 ☐ Too soon to tell

`Q26_C` **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 `Q27_APP`
now ➜ *Skip to Question 35*

2 ☐ No, but I am in an apprenticeship
now ➜ *Skip to Question 35*

3 ☐ Yes, I have completed an apprenticeship

28 What type of work was your apprenticeship for?

1 ☐ Building or construction (carpenter, `Q28_APP_WORK`
electrician, plumber, etc.)

2 ☐ Business and administrative support

3 ☐ Cosmetology

4 ☐ Production (tool maker, machinist, etc.)

5 ☐ Science, drafting, and computing

6 ☐ Other — Specify ┐

`Q28_APP_WORK_Q28_SPECIFY`

29 Do the following statements describe your apprenticeship?

Mark **X** *ONE box for EACH ITEM below.*

	No ▼ 1	Yes ▼ 2	
a. I was evaluated by a co-worker or supervisor...	☐	☐	`Q29_Q29_A_R`
b. I got college credit...............................	☐	☐	`Q29_Q29_B_R`
c. I received journeyman status at the end of an apprenticeship...............................	☐	☐	`Q29_Q29_C_R`
d. I got a state or federal apprenticeship number	☐	☐	`Q29_Q29_D_R`
e. I received instruction (at a school, online, or from my employer) related to my apprenticeship	☐	☐	`Q29_Q29_E_R`

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

1 ☐ No   `Q30_APP_CERT_LIC`

2 ☐ Yes

31 Did your apprenticeship lead to a certificate or degree? `Q31_APP_CERTIFICATE`

1 ☐ No

2 ☐ Yes

32 Is your current job related to your apprenticeship?

1 ☐ Not applicable, not currently working `Q32_APP_JOB`

2 ☐ No

3 ☐ Yes, somewhat related

4 ☐ Yes, very related

6

33 In your current job, how often do you use the skills or knowledge that you learned during your apprenticeship? `Q33_APP_SKILL_USE`

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?

`Q34_A` **a. Getting a job**

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

`Q34_B` **b. Increasing your pay**

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

`Q34_C` **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 Question 37*
2 ☐ Yes `Q35_EMPLOYED`

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

1 ☐ No `Q36_FULL_TIME`
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 `Q37_WEEKS_WORKED`
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 Question 44*

38 During the **past 12 months**, in the **weeks you worked**, how many hours did you usually work each **WEEK**? `Q38_HOURS_WORKED`

☐☐☐ 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. `Q39_EARNINGS`

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)

`Q40_BUSINESS_TYPE`

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

(For example: plumber, typist, farmer)

`Q41_OCCUPATION`

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.)

`Q42_JOB_DUTIES`

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

1 ☐ No `Q43_JOB_LIC`
2 ☐ Yes

b. For how many years have you done this kind of work, that is, how long have you been in this occupation?

☐☐ years `Q43_1_JOB_YRS`

7

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 `Q44_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 `Q45_GENDER`

2 ☐ Female

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

Mark ☒ ONE only. `Q46_MARITAL_STATUS`

1 ☐ Now married

2 ☐ Widowed

3 ☐ Divorced

4 ☐ Separated

5 ☐ Never married

47 **How old are you?** `Q47_AGE`

☐☐ years old

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

1 ☐ No `Q48_HISPANIC`

2 ☐ Yes

49 **What is your race?**

Mark ☒ one or more.

`Q49_RACE_01` 1 ☐ White

`Q49_RACE_02` 2 ☐ Black or African American

`Q49_RACE_03` 3 ☐ American Indian or Alaska Native

`Q49_RACE_04` 4 ☐ Asian

`Q49_RACE_05` 5 ☐ Native Hawaiian or Other Pacific Islander

`Q49_RACE_06` 6 ☐ Other

50 **Do you have Internet access at home on a computer or tablet?** `Q50_INTERNET`

1 ☐ No

2 ☐ Yes

51 **What is your citizenship status?** `Q51_CITIZENSHIP`

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?

`Q51_OTH_COUNTRY`

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: _____

☐ 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.

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.

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.

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

8

Appendix B. Codebook

Variable Information	Value		Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: PUF_ID Type: Character Length: 8 Variable label: 'Public Use File ID'							
	VALID	VALID		5,601	100	198,113,429	100

Variable Information	Value		Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: FINAL_WEIGHT Type: Numeric Length: 8 Variable label: 'Final sampling weight'							
	VALID	VALID		5,601	100	198,113,429	100

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: STRATUM						
Type: Numeric						
Length: 8						
Variable label: '1ST PHASE STRATUM'						
	1	Midwest AIAN	590	10.5	4,641,606	2.3
	2	Midwest Asian, N Hawaiian, Pac Islander	595	10.6	15,057,783	7.6
	3	Midwest Black or African American	179	3.2	9,367,275	4.7
	4	Midwest Hispanic	197	3.5	10,242,741	5.2
	5	Midwest Caucasian or Other	13	0.2	1,552,430	0.8
	6	Northeast AIAN	384	6.9	439,777	0.2
	7	Northeast Asian, N Hawaiian, Pac Islander	409	7.3	12,525,704	6.3
	8	Northeast Black or African American	260	4.6	8,945,104	4.5
	9	Northeast Hispanic	186	3.3	11,056,992	5.6
	10	Northeast Caucasian or Other	15	0.3	1,805,337	0.9
	11	South AIAN	578	10.3	16,496,975	8.3
	12	South Asian, N Hawaiian, Pac Islander	491	8.8	18,362,450	9.3
	13	South Black or African American	133	2.4	17,095,050	8.6
	14	South Hispanic	172	3.1	21,155,804	10.7
	15	South Caucasian or Other	11	0.2	1,658,802	0.8
	16	West AIAN	460	8.2	4,458,052	2.3
	17	West Asian, N Hawaiian, Pac Islander	347	6.2	19,694,535	9.9
	18	West Black or African American	484	8.6	10,901,010	5.5
	19	West Hispanic	82	1.5	10,581,199	5.3
	20	West Caucasian or Other	15	0.3	2,074,804	1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: REGION						
Type: Character						
Length: 9						
Variable label: 'CENSUS REGION'						
	MIDWEST	MIDWEST	1,574	28.1	40,861,835	20.6
	NORTHEAST	NORTHEAST	1,254	22.4	34,772,913	17.6
	SOUTH	SOUTH	1,385	24.7	74,769,082	37.7
	WEST	WEST	1,388	24.8	47,709,599	24.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: LANG						
Type: Numeric						
Length: 8						
Variable label: 'Would you like to continue this survey in English or Spanish? ¿Le gustaría continuar con esta encuesta en inglés o español?'						
	1	English	5,507	98.3	192,309,579	97.1
	2	Español	94	1.7	5,803,850	2.9

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: SCREENER__1_AGEVER_1						
Type: Numeric						
Length: 8						
Variable label: 'Total household members between 18 and 64 years of age'						
	2	Yes	5,601	100	198,113,429	100

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q2_HIGHDEG						
Type: Numeric						
Length: 8						
Variable label: '2. What is the highest degree or level of school you have completed? Select ONE only.'						
	-3	Missing	20	0.4	763,728	0.4
	1	Elementary or high school, but no high school diploma or GED®	334	6	20,247,566	10.2
	2	High school diploma	676	12.1	31,134,542	15.7
	3	GED® or alternative high school credential	437	7.8	22,868,143	11.5
	4	Some college credit but less than one year of college credit	410	7.3	12,079,756	6.1
	5	1 or more years of college credit, no degree	748	13.4	25,795,766	13
	6	Associate's degree (for example, AA, AS)	521	9.3	19,809,755	10
	7	Bachelor's degree (for example, BA, BS)	1,286	23	42,970,024	21.7
	8	Master's degree (for example, MA, MS)	824	14.7	16,029,630	8.1
	9	Professional degree beyond a bachelor's degree (for example, MD, DDS, DVM, LLB, JD)	179	3.2	2,897,351	1.5
	10	Doctorate degree (for example, PhD, EdD)	166	3	3,517,167	1.8

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q3_Q3_A_R						
Type: Numeric						
Length: 8						
Variable label: '3a. Have you ever completed a(an): Associate's degree'						
	.	LOGICAL SKIP	3,146	56.2	132,699,256	
	1	No	1,865	33.3	52,799,113	80.7
	2	Yes	590	10.5	12,615,060	19.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q3_Q3_B_R Type: Numeric Length: 8 Variable label: '3b. Have you ever completed a(an): Bachelor's degree'						
	.	LOGICAL SKIP	3,146	56.2	132,699,256	
	2	Yes	2,455	43.8	65,414,173	100

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q3_Q3_C_R Type: Numeric Length: 8 Variable label: '3c. Have you ever completed a(an): Master's degree'						
	.	LOGICAL SKIP	3,146	56.2	132,699,256	
	1	No	1,445	25.8	45,796,824	70
	2	Yes	1,010	18	19,617,349	30

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q3_Q3_D_R Type: Numeric Length: 8 Variable label: '3d. Have you ever completed a(an): Professional degree'						
	.	LOGICAL SKIP	3,146	56.2	132,699,256	
	1	No	2,256	40.3	62,152,377	95
	2	Yes	199	3.6	3,261,796	5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q3_Q3_E_R Type: Numeric Length: 8 Variable label: '3e. Have you ever completed a(an): Doctorate degree'						
	.	LOGICAL SKIP	3,146	56.2	132,699,256	
	1	No	2,289	40.9	61,897,006	94.6
	2	Yes	166	3	3,517,167	5.4

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q4_HIGHEST_EDU_FOS Type: Numeric Length: 8 Variable label: '4. Which one of the following best describes the field of study for the highest level of school you have completed? Select ONE only. If there was more than one, please choose the one you consider most important.'						
	.	LOGICAL SKIP	1,467	26.2	75,013,979	
	-3	Missing	14	0.2	165,265	0.1
	1	General studies, no major, or undeclared major	320	5.7	10,111,107	8.2
	2	Accounting, finance, insurance, or real estate	254	4.5	8,004,561	6.5
	3	Administrative support	55	1	1,672,180	1.4
	4	Agriculture	31	0.6	896,025	0.7
	5	Audio, broadcasting, multimedia, or graphic technologies	41	0.7	1,817,614	1.5
	6	Business management, administration, or marketing	483	8.6	12,123,869	9.8
	7	Communications or journalism	94	1.7	2,985,281	2.4
	8	Computer science or information technology	266	4.7	9,475,086	7.7
	9	Construction, repair, manufacturing, or transportation	87	1.6	3,324,786	2.7
	10	Cosmetology	16	0.3	308,046	0.3
	11	Education	417	7.4	9,435,614	7.7
	12	Engineering or architecture	241	4.3	8,397,410	6.8
	13	English language or literature	54	1	2,260,429	1.8
	14	Fine arts or music	93	1.7	4,632,769	3.8
	15	Healthcare	565	10.1	13,802,485	11.2
	16	Law or legal studies	108	1.9	3,207,007	2.6
	17	Law enforcement, security, or firefighting	74	1.3	2,293,609	1.9
	18	Liberal arts	131	2.3	4,230,657	3.4
	19	Psychology	125	2.2	3,242,154	2.6
	20	Religious vocations or theology	23	0.4	811,236	0.7
	21	Science or mathematics	290	5.2	9,165,299	7.4
	22	Social or human services or public administration	145	2.6	2,186,719	1.8
	23	Social sciences, political science, economics, or history	153	2.7	6,224,578	5.1
	24	Other - Specify	14	0.2	571,441	0.5
	25	Library information sciences	9	0.2	418,784	0.3
	26	Culinary arts, hospitality, hotel/restaurant	31	0.6	1,335,438	1.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q5_COL_ENROLL						
Type: Numeric						
Length: 8						
Variable label: '5. Are you currently enrolled or taking courses at a college, university, technical or trade school, or other school?'						
	-3	Missing	30	0.5	1,008,401	0.5
	1	No	4,895	87.4	169,962,356	85.8
	2	Yes, as a part-time student	308	5.5	11,121,653	5.6
	3	Yes, as a full-time student	368	6.6	16,021,019	8.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q6_EDU_PLAN						
Type: Numeric						
Length: 8						
Variable label: '6. Do you plan on completing a degree or certificate program?'						
	.	LOGICAL SKIP	4,925	87.9	170,970,757	
	-3	Missing	1	0	2,836	0
	1	No	47	0.8	1,667,121	6.1
	2	Yes	628	11.2	25,472,716	93.8

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q7A						
Type: Numeric						
Length: 8						
Variable label: '7a. What degree or certificate program do you plan to complete? Select ONE Only.'						
	.	LOGICAL SKIP	4,973	88.8	172,640,714	
	-3	Missing	2	0	153,039	0.6
	1	Certificate	78	1.4	3,358,795	13.2
	2	Associate's degree (for example, AA, AS)	87	1.6	2,523,540	9.9
	3	Bachelor's degree (for example, BA, BS)	223	4	10,996,575	43.2
	4	Master's degree (for example, MA, MS, MEng, MEd, MSW, MBA)	127	2.3	5,069,317	19.9
	5	Professional degree (for example, MD, DDS, DVM, LLB, JD)	41	0.7	1,310,480	5.1
	6	Doctorate degree (for example, PhD, EdD)	70	1.2	2,060,969	8.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q7_B_DEGREE_PLAN_FOS Type: Numeric Length: 8 Variable label: '7b. Please provide the field of study that best describes this degree or certificate.'						
	.	LOGICAL SKIP	4,973	88.8	172,640,714	
	-3	Missing	7	0.1	247,071	1
	1	General Studies, no major, undeclared major	13	0.2	530,086	2.1
	2	Accounting, Finance, insurance, or real estate	37	0.7	1,966,535	7.7
	3	Administrative support	1	0	108,021	0.4
	4	Agriculture	3	0.1	116,480	0.5
	5	Audio, broadcasting, multi-media, or graphic technologies	12	0.2	631,578	2.5
	6	Business management, administration, or marketing	52	0.9	1,963,634	7.7
	7	Communications or Journalism	3	0.1	27,073	0.1
	8	Computer Science or information technology	47	0.8	2,306,939	9.1
	9	Construction, repair, manufacturing, or transportation	11	0.2	399,635	1.6
	10	Cosmetology	3	0.1	192,219	0.8
	11	Education	53	0.9	1,030,295	4
	12	Engineering or architecture	30	0.5	1,472,968	5.8
	13	English Language or literature	10	0.2	561,143	2.2
	14	Fine arts or music	12	0.2	547,365	2.1
	15	Healthcare	160	2.9	5,982,632	23.5
	16	Law enforcement, security or firefighting	13	0.2	614,634	2.4
	17	Law or legal studies	14	0.2	245,150	1
	18	Liberal arts	12	0.2	608,047	2.4
	19	Psychology	28	0.5	689,183	2.7
	20	Religious vocations and theology	5	0.1	183,198	0.7
	21	Science or mathematics	44	0.8	2,943,188	11.6
	22	Social or human services or public administration	24	0.4	692,739	2.7
	23	Social sciences, political science, economics, or history	25	0.4	1,062,767	4.2
	24	Other, specify	3	0.1	39,246	0.2
	25	Library information sciences	2	0	124,212	0.5
	26	Culinary arts, hospitality, hotel/restaurant	4	0.1	186,676	0.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q8_ESL						
Type: Numeric						
Length: 8						
Variable label: '8. Have you taken any classes to learn English as a second language, sometimes called ESL or ESOL classes?'						
	-3	Missing	26	0.5	1,150,163	0.6
	1	No	5,001	89.3	176,645,932	89.2
	2	Yes	574	10.2	20,317,334	10.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q9_CERT_LIC						
Type: Numeric						
Length: 8						
Variable label '9. 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? Examples include Licensed Electrician…'						
	-3	Missing	33	0.6	1,369,329	0.7
	1	No	4,085	72.9	152,696,176	77.1
	2	Yes	1,483	26.5	44,047,925	22.2

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q10_NUM_ACTIVE						
Type: Numeric						
Length: 8						
Variable label: '10. Number of certifications and licenses'						
	.	LOGICAL SKIP	4,118	73.5	154,065,504	
	-3	Missing	5	0.1	118,417	0.3
	1	1.00	849	15.2	25,312,931	57.5
	2	2.00	391	7	10,634,518	24.1
	3	3.00	139	2.5	3,965,539	9
	4	4.00	47	0.8	2,272,556	5.2
	5	5.00	13	0.2	630,408	1.4
	6	6.00	18	0.3	287,231	0.7
	7	7.00	7	0.1	190,259	0.4
	8	8.00	2	0	1,022	0
	10	10.00	4	0.1	279,040	0.6
	11	11.00	2	0	37,263	0.1
	12	12.00	1	0	3,082	0
	13	13.00	1	0	120,547	0.3
	14	14.00	1	0	145,858	0.3
	15	15.00	2	0	10,101	0
	20	20.00	1	0	39,152	0.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q11_MOST_IMP_CERT_LIC Type: Numeric Length: 8 Variable label: '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 most important certification or license?'						
	.	LOGICAL SKIP	4,118	73.5	154,065,504	
	-3	Missing	6	0.1	208,843	0.5
	1	Healthcare practitioner, provider, specialist, or technician	155	2.8	3,007,658	6.8
	2	Information technology	62	1.1	2,275,173	5.2
	3	Engineering and architecture	31	0.6	742,765	1.7
	4	EMT, CPR, basic first aid	23	0.4	593,837	1.3
	5	Nursing or nurse's assistant	223	4	6,340,166	14.4
	6	Other health care	109	1.9	3,621,209	8.2
	7	Teaching/education	259	4.6	5,800,865	13.2
	8	Business management, operations, and support	59	1.1	1,641,129	3.7
	9	Accounting, finance, insurance, and real estate	115	2.1	2,924,580	6.6
	10	Social work and counseling	65	1.2	1,204,509	2.7
	11	History, language, linguistics, literature	5	0.1	204,559	0.5
	12	Law or legal support	42	0.7	1,237,394	2.8
	13	Religious ordination	6	0.1	153,172	0.3
	14	Transportation	47	0.8	2,193,177	5
	15	Skilled trades	128	2.3	6,252,016	14.2
	16	Physical fitness	11	0.2	193,494	0.4
	17	Child care/child development	7	0.1	391,702	0.9
	18	Public safety	44	0.8	1,495,184	3.4
	19	Cosmetology	25	0.4	900,887	2
	20	Food handling and sanitation	32	0.6	1,314,876	3
	21	Notary public	9	0.2	446,056	1
	22	Other	20	0.4	904,672	2.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q12_CERT_LIC_WORK						
Type: Numeric						
Length: 8						
Variable label: '12. What kind of work is your most important certification or license for?'						
	.	LOGICAL SKIP	4,118	73.5	154,065,504	
	-3	Missing	3	0.1	171,262	0.4
	1	Accommodation and Food Services	35	0.6	1,303,725	3
	2	Management, Administrative and Support, and Waste Management Services	27	0.5	1,025,826	2.3
	3	Agriculture, Forestry, Fishing, and Hunting	7	0.1	302,346	0.7
	4	Arts, Entertainment, and Recreation	11	0.2	370,248	0.8
	5	Construction	49	0.9	2,409,932	5.5
	6	Educational Services	274	4.9	6,186,516	14
	7	Finance and Insurance	49	0.9	1,500,036	3.4
	8	Health Care and Social Assistance	548	9.8	14,099,359	32
	9	Information and Information Technology	77	1.4	2,786,986	6.3
	10	Manufacturing	5	0.1	136,465	0.3
	11	Mining, Quarrying, and Oil and Gas Extraction	1	0	13,456	0
	12	Other Services	56	1	2,292,277	5.2
	13	Professional, Scientific, and Technical Services	163	2.9	4,242,605	9.6
	14	Public Administration and Public Safety	23	0.4	756,294	1.7
	15	Real Estate and Rental and Leasing	38	0.7	1,471,821	3.3
	16	Retail Trade	29	0.5	1,003,457	2.3
	17	Transportation and Warehousing	53	0.9	2,562,788	5.8
	18	Utilities	12	0.2	733,206	1.7
	20	Other - Uncodable	23	0.4	679,320	1.5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q13_CERT_LIC_REQ						
Type: Numeric						
Length: 8 Variable label: '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?'						
	.	LOGICAL SKIP	4,118	73.5	154,065,504	
	-3	Missing	2	0	33,487	0.1
	1	No	252	4.5	8,642,887	19.6
	2	Yes	1,159	20.7	32,428,444	73.6
	3	Don't know	70	1.2	2,943,107	6.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q14_CERT_LIC_REV						
Type: Numeric						
Length: 8 Variable label: '14. Can your most important certification or license be revoked or suspended for any reason?'						
	.	LOGICAL SKIP	4,118	73.5	154,065,504	
	-3	Missing	3	0.1	140,966	0.3
	1	No	274	4.9	7,602,994	17.3
	2	Yes	1,044	18.6	30,883,035	70.1
	3	Don't know	162	2.9	5,420,930	12.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q15_Q15_A_R						
Type: Numeric						
Length: 8						
Variable label: '15a. Did you prepare for getting your most recent certification or license by: taking classes from a college, technical school or trade school?'						
	.	LOGICAL SKIP	4,118	73.5	154,065,504	
	-3	Missing	75	1.3	2,422,591	5.5
	1	No	377	6.7	13,374,682	30.4
	2	Yes	1,031	18.4	28,250,652	64.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q15_Q15_B_R						
Type: Numeric						
Length: 8						
Variable label: '15b. Did you prepare for getting your most recent certification or license by: taking classes or training from your employer, a training company, association, union, or private instructor?'						
	.	LOGICAL SKIP	4,118	73.5	154,065,504	
	-3	Missing	111	2	2,990,177	6.8
	1	No	648	11.6	17,837,579	40.5
	2	Yes	724	12.9	23,220,169	52.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q15_Q15_C_R Type: Numeric Length: 8 Variable label: '15c. Did you prepare for getting your most recent certification or license by: studying on your own using textbooks or online resources?'						
	.	LOGICAL SKIP	4,118	73.5	154,065,504	
	-3	Missing	132	2.4	3,331,776	7.6
	1	No	477	8.5	14,107,276	32
	2	Yes	874	15.6	26,608,873	60.4

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q15_D_SPECIFY_FLAG Type: Numeric Length: 8 Variable label: '15d. FLAG FOR PROVIDED OTHER'						
	.	LOGICAL SKIP	4,118	73.5	154,065,504	
	0	Other specify left blank for Q15	1,392	24.9	41,207,881	93.6
	1	Other specify provided for Q15	91	1.6	2,840,044	6.4

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q16_CERT_LIC_CUR_JOB Type: Numeric Length: 8 Variable label: '16. Is your most important certification or license for your current job or career?'						
	.	LOGICAL SKIP	4,118	73.5	154,065,504	
	-3	Missing	2	0	52,685	0.1
	1	Not applicable, not currently working	147	2.6	3,624,326	8.2
	2	No	190	3.4	7,424,426	16.9
	3	Yes	1,144	20.4	32,946,488	74.8

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q17_A						
Type: Numeric						
Length: 8						
Variable label: '17a. Getting a job'						
	.	LOGICAL SKIP	4,118	73.5	154,065,504	
	-3	Missing	3	0.1	35,313	0.1
	1	Not useful	82	1.5	2,988,264	6.8
	2	Somewhat useful	188	3.4	6,425,025	14.6
	3	Very useful	1,177	21	33,221,633	75.4
	4	Too soon to tell	33	0.6	1,377,691	3.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q17_B						
Type: Numeric						
Length: 8						
Variable label: '17b. Keeping a job'						
	.	LOGICAL SKIP	4,118	73.5	154,065,504	
	-3	Missing	4	0.1	29,846	0.1
	1	Not useful	104	1.9	4,126,929	9.4
	2	Somewhat useful	182	3.2	6,388,113	14.5
	3	Very useful	1,160	20.7	32,467,930	73.7
	4	Too soon to tell	33	0.6	1,035,107	2.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q17_C						
Type: Numeric						
Length: 8						
Variable label: '17c. Keeping you marketable to employers or clients'						
	.	LOGICAL SKIP	4,118	73.5	154,065,504	
	-3	Missing	4	0.1	44,763	0.1
	1	Not useful	72	1.3	2,960,987	6.7
	2	Somewhat useful	236	4.2	8,265,962	18.8
	3	Very useful	1,132	20.2	31,472,595	71.5
	4	Too soon to tell	39	0.7	1,303,617	3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q17_D						
Type: Numeric						
Length: 8						
Variable label: '17d. Improving your work skills'						
	.	LOGICAL SKIP	4,118	73.5	154,065,504	
	-3	Missing	3	0.1	29,413	0.1
	1	Not useful	138	2.5	4,724,313	10.7
	2	Somewhat useful	347	6.2	10,672,315	24.2
	3	Very useful	976	17.4	28,002,934	63.6
	4	Too soon to tell	19	0.3	618,951	1.4

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q18_A						
Type: Numeric						
Length: 8						
Variable label: '18. Have you ever earned any of the following 4 types of certificates?'						
	-3	Missing	47	0.8	1,321,620	0.7
	1	No	3,313	59.2	123,973,482	62.6
	2	Yes	2,241	40	72,818,327	36.8

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q18_B						
Type: Numeric						
Length: 8						
Variable label: '18b. Have you ever earned... A certificate for completing a vocational program at a high school?'						
	-3	Missing	87	1.6	2,381,067	1.2
	1	No	5,146	91.9	182,078,454	91.9
	2	Yes	368	6.6	13,653,908	6.9

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q18_C						
Type: Numeric						
Length: 8						
Variable label: '18c. Have you ever earned... A high school equivalency certificate, such as a GED?'						
	-3	Missing	46	0.8	1,564,321	0.8
	1	No	4,441	79.3	155,003,839	78.2
	2	Yes	1,114	19.9	41,545,269	21

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q18_D						
Type: Numeric						
Length: 8						
Variable label: '18d. How many post-secondary certificates do you have?'						
	-3	Missing	94	1.7	4,070,866	2.1
	1	No	4,567	81.5	165,873,741	83.7
	2	Yes	940	16.8	28,168,822	14.2

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q18_D_SPECIFY						
Type: Numeric						
Length: 8						
Variable label: '18d.SP How many post-secondary certificates do you have?'						
	.	LOGICAL SKIP	4,661	83.2	169,944,607	
	-3	Missing	44	0.8	1,174,620	4.2
	1	1.00	545	9.7	15,827,834	56.2
	2	2.00	203	3.6	6,473,993	23
	3	3.00	77	1.4	1,933,895	6.9
	4	4.00	30	0.5	1,159,908	4.1
	5	5.00	12	0.2	532,691	1.9
	6	6.00	10	0.2	382,100	1.4
	7	7.00	1	0	7,103	0
	8	8.00	5	0.1	84,422	0.3
	10	10.00	6	0.1	268,421	1
	13	13.00	1	0	164,428	0.6
	14	14.00	1	0	145,858	0.5
	15	15.00	1	0	6,458	0
	18	18.00	1	0	800	0
	20	20.00	2	0	5,769	0
	80	80.00	1	0	522	0

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q19_CERTIFICATE_FOS Type: Numeric Length: 8 Variable label: '19. What was the field of study for your last post-secondary certificate?'						
	.	LOGICAL SKIP	4,661	83.2	169,944,607	
	-3	Missing	8	0.1	446,382	1.6
	1	Accounting, finance, insurance, or real estate	45	0.8	1,627,932	5.8
	2	Administrative support	34	0.6	820,161	2.9
	3	Agriculture	10	0.2	348,863	1.2
	4	Audio, broadcasting, multimedia, or graphic technologies	15	0.3	892,030	3.2
	5	Business management, administration, or marketing	78	1.4	1,473,893	5.2
	6	Computer science or information technology	97	1.7	4,289,368	15.2
	7	Construction trades	58	1	1,521,208	5.4
	8	Cosmetology	19	0.3	383,665	1.4
	9	Culinary arts	27	0.5	1,056,004	3.7
	10	Education	45	0.8	992,897	3.5
	11	Engineering technologies or drafting	23	0.4	694,898	2.5
	12	Fine arts or music	9	0.2	633,911	2.3
	13	Funeral service or mortuary science	2	0	244	0
	14	Healthcare	281	5	6,777,671	24.1
	15	Law enforcement, security, or firefighting	36	0.6	907,557	3.2
	16	Law or legal studies	22	0.4	294,192	1
	17	Liberal arts	10	0.2	324,213	1.2
	18	Manufacturing or production (for example machinist, welder, boilermaker)	28	0.5	1,803,055	6.4
	19	Mechanic or repair technologies	32	0.6	1,442,122	5.1
	20	Transportation	22	0.4	481,464	1.7
	21	Other - Specify	22	0.4	586,839	2.1
	22	Social science, social services, counseling, public administration	12	0.2	200,353	0.7
	23	Religion/theology	5	0.1	169,900	0.6

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q21_CERTIFICATE_HOURS Type: Numeric Length: 8 Variable label: '21. About how many hours of instruction did you complete in order to earn your last post-secondary certificate?'						
	.	LOGICAL SKIP	4,661	83.2	169,944,607	
	-3	Missing	9	0.2	356,830	1.3
	1	960 hours (1 full-time school year) or more	303	5.4	8,618,067	30.6
	2	480 hours (half a full-time school year) to 959 hours	131	2.3	4,284,577	15.2
	3	160 to 479 hours	141	2.5	3,681,438	13.1
	4	40 to 159 hours	241	4.3	7,061,021	25.1
	5	Less than 40 hours	115	2.1	4,166,890	14.8

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q22_CERTIFICATE_ENROLL Type: Numeric Length: 8 Variable label: '22. Which one of the following was required for enrolling in your last post-secondary certificate program? Select ONE only.'						
	.	LOGICAL SKIP	4,661	83.2	169,944,607	
	-3	Missing	6	0.1	211,776	0.8
	1	Being enrolled in or having completed an advanced degree program (Master's or higher)	34	0.6	908,451	3.2
	2	Being enrolled in or having completed a Bachelor's degree program	96	1.7	2,664,630	9.5
	3	Having completed high school or a high school equivalency (such as a GED)	560	10	15,647,103	55.5
	4	None of the above	244	4.4	8,736,863	31

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q23_CERTIFCATE_CREDITS						
Type: Numeric						
Length: 8						
Variable label: '23. To earn your last post-secondary certificate did you have to complete a minimum number of credits or courses?'						
	.	LOGICAL SKIP	4,661	83.2	169,944,607	
	-3	Missing	5	0.1	128,345	0.5
	1	No	247	4.4	8,090,857	28.7
	2	Yes	688	12.3	19,949,620	70.8

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q24_CERTIFICATE_TRAIN						
Type: Numeric						
Length: 8						
Variable label: '24. Was your last post-secondary certificate part of the training you took for a professional certification or license?'						
	.	LOGICAL SKIP	4,661	83.2	169,944,607	
	-3	Missing	7	0.1	266,764	0.9
	1	No	397	7.1	12,312,354	43.7
	2	Yes	536	9.6	15,589,704	55.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q25_CERTIFICATE_JOB Type: Numeric Length: 8 Variable label: '25. Is your current job related to your last post-secondary certificate?'						
	.	LOGICAL SKIP	4,661	83.2	169,944,607	
	-3	Missing	5	0.1	128,345	0.5
	1	Not applicable, not currently working	191	3.4	6,235,293	22.1
	2	No	332	5.9	10,189,671	36.2
	3	Yes, somewhat related	197	3.5	4,790,594	17
	4	Yes, very related	215	3.8	6,824,919	24.2

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q26_A Type: Numeric Length: 8 Variable label: '26a. Getting a job'						
	.	LOGICAL SKIP	4,661	83.2	169,944,607	
	-3	Missing	6	0.1	121,248	0.4
	1	Not useful	201	3.6	6,644,828	23.6
	2	Somewhat useful	252	4.5	7,962,892	28.3
	3	Very useful	438	7.8	12,407,091	44
	4	Too soon to tell	43	0.8	1,032,765	3.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q26_B Type: Numeric Length: 8 Variable label: '26b. Increasing your pay'						
	.	LOGICAL SKIP	4,661	83.2	169,944,607	
	-3	Missing	7	0.1	123,976	0.4
	1	Not useful	353	6.3	12,044,166	42.8
	2	Somewhat useful	249	4.4	7,014,138	24.9
	3	Very useful	282	5	7,743,557	27.5
	4	Too soon to tell	49	0.9	1,242,987	4.4

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q26_C Type: Numeric Length: 8 Variable label: '26c. Improving your work skills'						
	.	LOGICAL SKIP	4,661	83.2	169,944,607	
	-3	Missing	8	0.1	137,240	0.5
	1	Not useful	130	2.3	4,490,612	15.9
	2	Somewhat useful	273	4.9	9,311,787	33.1
	3	Very useful	503	9	13,721,044	48.7
	4	Too soon to tell	26	0.5	508,139	1.8

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q27_APP Type: Numeric Length: 8 Variable label: '27. Have you ever completed an apprenticeship?'						
	-3	Missing	63	1.1	2,357,429	1.2
	1	No, and I am not in an apprenticeship now	4,929	88	174,299,828	88
	2	No, but I am in an apprenticeship now	74	1.3	3,439,012	1.7
	3	Yes, I have completed an apprenticeship	535	9.6	18,017,160	9.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q28_APP_WORK Type: Numeric Length: 8 Variable label: '28. What type of work was your apprenticeship for?'						
	.	LOGICAL SKIP	5,066	90.4	180,096,269	
	-3	Missing	3	0.1	39,892	0.2
	1	Building or construction (carpenter, electrician, plumber, etc.)	126	2.2	4,592,602	25.5
	2	Business and administrative support	88	1.6	3,729,416	20.7
	3	Cosmetology	15	0.3	876,677	4.9
	4	Production (tool maker, machinist, etc.)	27	0.5	1,290,880	7.2
	5	Science, drafting, and computing	57	1	909,919	5.1
	6	Other - Specify	219	3.9	6,577,775	36.5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q29_Q29_A_R Type: Numeric Length: 8 Variable label: '29a. Do the following statements describe your apprenticeship? I was evaluated by a co-worker or supervisor.'						
	.	LOGICAL SKIP	5,066	90.4	180,096,269	
	-3	Missing	29	0.5	531,276	2.9
	1	No	56	1	1,597,412	8.9
	2	Yes	450	8	15,888,473	88.2

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q29_Q29_B_R Type: Numeric Length: 8 Variable label: '29b. Do the following statements describe your apprenticeship? I got college credit.'						
	.	LOGICAL SKIP	5,066	90.4	180,096,269	
	-3	Missing	60	1.1	1,547,600	8.6
	1	No	325	5.8	13,212,555	73.3
	2	Yes	150	2.7	3,257,005	18.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q29_Q29_C_R Type: Numeric Length: 8 Variable label: '29c. Do the following statements describe your apprenticeship? I received journeyman status at the end of an apprenticeship.'						
	.	LOGICAL SKIP	5,066	90.4	180,096,269	
	-3	Missing	60	1.1	1,372,406	7.6
	1	No	355	6.3	11,365,699	63.1
	2	Yes	120	2.1	5,279,055	29.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q29_Q29_D_R Type: Numeric Length: 8 Variable label: '29d. Do the following statements describe your apprenticeship? I got a state or federal apprenticeship number.'						
	.	LOGICAL SKIP	5,066	90.4	180,096,269	
	-3	Missing	63	1.1	1,811,756	10.1
	1	No	404	7.2	13,468,048	74.8
	2	Yes	68	1.2	2,737,357	15.2

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q29_Q29_E_R Type: Numeric Length: 8 Variable label: '29e. Do the following statements describe your apprenticeship? I received instruction (at a school, online, or from my employer) related to my apprenticeship.'						
	.	LOGICAL SKIP	5,066	90.4	180,096,269	
	-3	Missing	45	0.8	1,280,465	7.1
	1	No	142	2.5	5,070,709	28.1
	2	Yes	348	6.2	11,665,986	64.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q30_APP_CERT_LIC Type: Numeric Length: 8 Variable label: '30. Did your apprenticeship help you earn a professional certification or license?'						
	.	LOGICAL SKIP	5,066	90.4	180,096,269	
	1	No	273	4.9	10,117,245	56.2
	2	Yes	262	4.7	7,899,915	43.8

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q31_APP_CERTIFICATE Type: Numeric Length: 8 Variable label: '31. Did your apprenticeship lead to a certificate or degree?'						
	.	LOGICAL SKIP	5,066	90.4	180,096,269	
	-3	Missing	2	0	156,334	0.9
	1	No	295	5.3	11,037,238	61.3
	2	Yes	238	4.2	6,823,588	37.9

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q32_APP_JOB Type: Numeric Length: 8 Variable label: '32. Is your current job related to your apprenticeship?'						
	.	LOGICAL SKIP	5,066	90.4	180,096,269	
	-3	Missing	1	0	149,368	0.8
	1	Not applicable, not currently working	109	1.9	3,095,275	17.2
	2	No	151	2.7	5,155,010	28.6
	3	Yes, somewhat related	113	2	3,862,783	21.4
	4	Yes, very related	161	2.9	5,754,725	31.9

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q33_APP_SKILL_USE Type: Numeric Length: 8 Variable label: '33. In your current job, how often do you use the skills or knowledge that you learned during your apprenticeship?'						
	.	LOGICAL SKIP	5,066	90.4	180,096,269	
	-3	Missing	2	0	98,614	0.5
	1	Not applicable, not currently working	117	2.1	3,804,622	21.1
	2	Never or almost never	60	1.1	2,155,234	12
	3	Sometimes	139	2.5	3,993,685	22.2
	4	All or most of the time	217	3.9	7,965,006	44.2

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q34_A Type: Numeric Length: 8 Variable label: '34a. How useful was your apprenticeship for each of the following? Getting a job'						
	.	LOGICAL SKIP	5,066	90.4	180,096,269	
	-3	Missing	2	0	98,614	0.5
	1	Not useful	60	1.1	1,528,508	8.5
	2	Somewhat useful	119	2.1	3,912,996	21.7
	3	Very useful	338	6	12,128,869	67.3
	4	Too soon to tell	16	0.3	348,173	1.9

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q34_B Type: Numeric Length: 8 Variable label: '34b. How useful was your apprenticeship for each of the following? Increasing your pay'						
	.	LOGICAL SKIP	5,066	90.4	180,096,269	
	-3	Missing	3	0.1	239,573	1.3
	1	Not useful	119	2.1	3,202,212	17.8
	2	Somewhat useful	146	2.6	5,311,576	29.5
	3	Very useful	243	4.3	8,725,615	48.4
	4	Too soon to tell	24	0.4	538,185	3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q34_C Length: 8 Variable label: '34c. How useful was your apprenticeship for each of the following? Improving your work skills'						
	.	LOGICAL SKIP	5,066	90.4	180,096,269	
	-3	Missing	5	0.1	101,390	0.6
	1	Not useful	44	0.8	1,346,483	7.5
	2	Somewhat useful	109	1.9	3,477,129	19.3
	3	Very useful	365	6.5	12,950,127	71.9
	4	Too soon to tell	12	0.2	142,033	0.8

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q35_EMPLOYED						
Type: Numeric						
Length: 8						
Variable label: '34c. How useful was your apprenticeship for each of the following? Improving your work skills'						
	-3	Missing	40	0.7	1,681,371	0.8
	1	No	2,184	39	78,217,911	39.5
	2	Yes	3,377	60.3	118,214,147	59.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q36_FULL_TIME						
Type: Numeric						
Length: 8						
Variable label: '36. Last week, did you work full time (35 hours or more per week)?'						
	.	LOGICAL SKIP	2,224	39.7	79,899,282	
	-3	Missing	11	0.2	702,759	0.6
	1	No	626	11.2	23,875,997	20.2
	2	Yes	2,740	48.9	93,635,391	79.2

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q37_WEEKS_WORKED						
Type: Numeric						
Length: 8 Variable label: '37. During the past 12 months (52 weeks), how many weeks did you work, including paid vacation, paid sick leave, and military service?'						
	-3	Missing	51	0.9	1,978,063	1
	-2	Don't know	2	0	19,207	0
	1	50 to 52 weeks	2,448	43.7	85,919,832	43.4
	2	48 to 49 weeks	414	7.4	13,759,071	6.9
	3	40 to 47 weeks	554	9.9	19,888,884	10
	4	27 to 39 weeks	311	5.6	10,405,099	5.3
	5	14 to 26 weeks	213	3.8	8,438,155	4.3
	6	1 to 13 weeks	243	4.3	8,630,125	4.4
	7	0 weeks	1,365	24.4	49,074,992	24.8

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q38_HOURS_WORKED Type: Numeric Length: 8 Variable label: '38. Usual hours worked each WEEK'						
	.	LOGICAL SKIP	1,416	25.3	51,053,056	
	-3	Missing	24	0.4	513,783	0.3
	0	0.00	6	0.1	37,223	0
	1	1.00	5	0.1	128,027	0.1
	2	2.00	8	0.1	193,643	0.1
	3	3.00	3	0.1	149,205	0.1
	4	4.00	12	0.2	640,588	0.4
	5	5.00	16	0.3	784,447	0.5
	6	6.00	18	0.3	1,127,034	0.8
	7	6.50	1	0	17,361	0
	7	7.00	8	0.1	526,778	0.4
	8	8.00	60	1.1	2,472,184	1.7
	9	9.00	7	0.1	38,553	0
	10	10.00	66	1.2	2,002,847	1.4
	11	11.00	1	0	3,771	0
	11	11.45	1	0	1,456	0
	12	12.00	27	0.5	743,387	0.5
	14	14.00	11	0.2	634,270	0.4
	15	15.00	48	0.9	1,755,373	1.2
	16	16.00	19	0.3	1,172,659	0.8
	17	17.00	5	0.1	128,707	0.1
	18	18.00	15	0.3	356,104	0.2
	20	20.00	162	2.9	6,150,626	4.2
	21	21.00	11	0.2	582,763	0.4
	22	22.00	11	0.2	470,081	0.3
	23	23.00	4	0.1	31,740	0
	24	24.00	47	0.8	1,779,584	1.2
	25	25.00	87	1.6	3,673,906	2.5
	26	26.00	5	0.1	207,670	0.1
	27	27.00	13	0.2	484,556	0.3
	28	28.00	18	0.3	398,454	0.3
	29	29.00	5	0.1	208,707	0.1
	30	30.00	198	3.5	7,133,985	4.9
	31	31.00	3	0.1	186,763	0.1
	32	32.00	60	1.1	1,548,542	1.1
	33	33.00	8	0.1	101,827	0.1
	34	34.00	5	0.1	312,671	0.2
	35	35.00	206	3.7	7,094,464	4.8

36	36.00	65	1.2	2,680,270	1.8
37	37.00	41	0.7	1,040,790	0.7
38	37.50	3	0.1	174,908	0.1
38	38.00	64	1.1	2,235,338	1.5
39	39.00	12	0.2	275,185	0.2
40	40.00	1,690	30.2	54,259,622	36.9
41	41.00	11	0.2	572,385	0.4
42	42.00	64	1.1	2,070,605	1.4
43	43.00	22	0.4	420,777	0.3
44	44.00	27	0.5	1,190,264	0.8
45	45.00	234	4.2	9,544,637	6.5
46	46.00	8	0.1	241,017	0.2
47	47.00	7	0.1	423,758	0.3
48	48.00	52	0.9	2,384,736	1.6
49	48.50	1	0	8,605	0
49	49.00	5	0.1	409,812	0.3
50	50.00	314	5.6	10,904,018	7.4
51	51.00	4	0.1	59,327	0
52	52.00	13	0.2	296,467	0.2
53	53.00	1	0	25,523	0
54	54.00	4	0.1	303,412	0.2
55	55.00	68	1.2	3,016,727	2.1
56	56.00	4	0.1	318,805	0.2
57	57.00	1	0	15,867	0
58	58.00	2	0	20,092	0
59	59.00	2	0	92,343	0.1
60	60.00	137	2.4	5,044,787	3.4
61	61.00	2	0	4,720	0
62	62.00	1	0	3,098	0
63	63.00	2	0	176,064	0.1
64	64.00	1	0	7,675	0
65	65.00	19	0.3	1,047,576	0.7
67	67.00	1	0	23,025	0
68	68.00	3	0.1	31,872	0
69	69.00	2	0	10,912	0
70	70.00	26	0.5	1,366,251	0.9
71	71.00	1	0	143,208	0.1
72	72.00	8	0.1	515,306	0.4
74	74.00	1	0	30,278	0
75	75.00	3	0.1	17,706	0
80	80.00	55	1	1,858,865	1.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q39_EARNINGS						
Type: Numeric						
Length: 8						
Variable label: '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.'						
	.	LOGICAL SKIP	1,416	25.3	51,053,056	
	-3	Missing	33	0.6	1,248,394	0.8
	1	$0 to $10,000	586	10.5	23,418,824	15.9
	2	$10,001 to $20,000	450	8	17,781,357	12.1
	3	$20,001 to $30,000	491	8.8	17,597,005	12
	4	$30,001 to $40,000	477	8.5	16,715,774	11.4
	5	$40,001 to $50,000	385	6.9	12,358,123	8.4
	6	$50,001 to $60,000	348	6.2	11,805,994	8
	7	$60,001 to $75,000	395	7.1	13,042,873	8.9
	8	$75,001 to $150,000	781	13.9	25,244,826	17.2
	9	$150,001 or more	239	4.3	7,847,204	5.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q40_BUSINESS_TYPE						
Type: Numeric						
Length: 8 Variable label: '40. 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?'						
	.	LOGICAL SKIP	1,416	25.3	51,053,056	
	-3	Missing	54	1	1,457,882	1
	1	Accommodation and Food Services	264	4.7	12,164,720	8.3
	2	Management, Administrative and Support, and Waste Management Services	113	2	4,587,286	3.1
	3	Agriculture, Forestry, Fishing, and Hunting	50	0.9	1,742,983	1.2
	4	Arts, Entertainment, and Recreation	108	1.9	4,477,946	3
	5	Construction	84	1.5	5,619,655	3.8
	6	Educational Services	561	10	14,879,324	10.1
	7	Finance and Insurance	199	3.6	6,373,608	4.3
	8	Health Care and Social Assistance	757	13.5	19,910,229	13.5
	9	Information and Information Technology	267	4.8	10,187,436	6.9
	10	Manufacturing	233	4.2	9,813,147	6.7
	11	Mining, Quarrying, and Oil and Gas Extraction	22	0.4	812,250	0.6
	12	Other Services	97	1.7	4,604,947	3.1
	13	Professional, Scientific, and Technical Services	320	5.7	11,011,500	7.5
	14	Public Administration and Public Safety	268	4.8	6,544,440	4.5
	15	Real Estate and Rental and Leasing	47	0.8	1,782,885	1.2
	16	Retail Trade	324	5.8	13,802,856	9.4
	17	Transportation and Warehousing	200	3.6	9,903,170	6.7
	18	Utilities	35	0.6	1,414,702	1
	19	Wholesale Trade	6	0.1	160,369	0.1
	20	Other - Uncodable	161	2.9	5,029,946	3.4
	21	Military	15	0.3	779,090	0.5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q43_JOB_LIC						
Type: Numeric						
Length: 8						
Variable label: '43a. Did you have a license that was required by a federal, state, or local government agency to do this job?'						
	.	LOGICAL SKIP	1,416	25.3	51,053,056	
	-3	Missing	17	0.3	419,000	0.3
	1	No	2,940	52.5	109,072,443	74.2
	2	Yes	1,228	21.9	37,568,930	25.5

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q43_1_JOB_YRS						
Type: Numeric						
Length: 8						
Variable label: '43b. For How many years have you done this kind of work, that is, how long have you been in this occupation?'						
	.	LOGICAL SKIP	1,416	25.3	51,053,056	
	-3	Missing	20	0.4	505,729	0.3
	0	0.00	87	1.6	3,578,019	2.4
	0	0.10	1	0	820	0
	0	0.25	3	0.1	99,985	0.1
	1	0.66	1	0	3,168	0
	1	1.00	514	9.2	20,836,763	14.2
	1	1.25	1	0	2,060	0
	2	1.50	3	0.1	202,393	0.1
	2	2.00	330	5.9	12,686,748	8.6
	2	2.25	1	0	1,049	0
	3	2.50	1	0	1,939	0
	3	3.00	293	5.2	11,260,581	7.7
	4	4.00	243	4.3	7,834,900	5.3
	5	4.50	1	0	5,991	0
	5	5.00	258	4.6	8,961,215	6.1
	6	5.50	1	0	24,707	0
	6	6.00	156	2.8	5,297,365	3.6
	7	7.00	144	2.6	5,207,353	3.5
	8	8.00	126	2.2	4,363,102	3
	9	9.00	71	1.3	2,636,609	1.8
	10	9.50	1	0	16,916	0
	10	10.00	242	4.3	7,733,981	5.3
	11	11.00	69	1.2	2,572,018	1.7
	12	12.00	124	2.2	4,374,728	3
	13	13.00	101	1.8	3,758,736	2.6
	14	14.00	81	1.4	2,597,578	1.8
	15	15.00	160	2.9	4,466,489	3
	16	16.00	44	0.8	1,494,790	1
	17	17.00	63	1.1	2,492,345	1.7
	18	18.00	85	1.5	2,419,141	1.6
	19	19.00	48	0.9	1,883,581	1.3
	20	20.00	194	3.5	6,334,425	4.3
	21	21.00	34	0.6	761,757	0.5
	22	22.00	48	0.9	1,388,245	0.9
	23	23.00	41	0.7	862,688	0.6
	24	24.00	36	0.6	1,211,779	0.8

25	25.00	117	2.1	3,715,060	2.5
26	26.00	29	0.5	965,636	0.7
27	27.00	26	0.5	924,483	0.6
28	27.50	1	0	88,925	0.1
28	28.00	30	0.5	1,318,391	0.9
29	29.00	26	0.5	1,121,991	0.8
30	30.00	103	1.8	3,030,292	2.1
31	31.00	18	0.3	429,437	0.3
32	32.00	27	0.5	1,198,314	0.8
33	33.00	23	0.4	762,871	0.5
34	34.00	14	0.2	428,663	0.3
35	35.00	39	0.7	946,893	0.6
36	36.00	10	0.2	510,362	0.3
37	37.00	5	0.1	244,964	0.2
38	38.00	12	0.2	502,403	0.3
39	39.00	8	0.1	330,361	0.2
40	40.00	36	0.6	1,566,295	1.1
41	41.00	6	0.1	57,436	0
42	42.00	8	0.1	158,074	0.1
43	43.00	4	0.1	266,964	0.2
44	44.00	7	0.1	349,111	0.2
45	45.00	4	0.1	155,726	0.1
46	46.00	2	0	27,603	0
50	50.00	2	0	3,749	0
55	55.00	1	0	433	0
60	60.00	1	0	76,248	0.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q44_MILITARY Type: Numeric Length: 8 Variable label: '44. Have you ever served on active duty in the U.S. Armed Forces, Reserves, or National Guard?'						
	-3	Missing	19	0.3	626,911	0.3
	1	No, never served in the military	5,270	94.1	184,859,198	93.3
	2	Yes, but only on active duty for training in the Reserve or National Guard	70	1.2	3,347,345	1.7
	3	Yes, now on active duty	13	0.2	565,386	0.3
	4	On active duty in the past but not now	229	4.1	8,714,589	4.4

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q45_GENDER Type: Numeric Length: 8 Variable label: '45. Are you male or female?'						
	-3	Missing	7	0.1	188,133	0.1
	1	Male	2,094	37.4	97,646,398	49.3
	2	Female	3,500	62.5	100,278,898	50.6

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q46_MARITAL_STATUS Type: Numeric Length: 8 Variable label: '46. What is your current marital status? Select ONE only.'						
	-3	Missing	23	0.4	866,027	0.4
	1	Now married	2,472	44.1	88,387,692	44.6
	2	Widowed	187	3.3	4,576,828	2.3
	3	Divorced	727	13	21,107,239	10.7
	4	Separated	176	3.1	5,633,763	2.8
	5	Never married	2,016	36	77,541,881	39.1

Variable Information	Value		Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q47_AGE							
Type: Numeric							
Length: 8							
Variable label: '47. Years Old'							
	18	18.00		86	1.5	6,881,594	3.5
	19	19.00		60	1.1	4,231,575	2.1
	20	20.00		47	0.8	2,606,332	1.3
	21	21.00		60	1.1	3,454,588	1.7
	22	22.00		82	1.5	3,860,724	1.9
	23	23.00		83	1.5	4,012,125	2
	24	24.00		88	1.6	4,315,714	2.2
	25	25.00		118	2.1	5,826,794	2.9
	26	26.00		120	2.1	3,760,895	1.9
	27	27.00		110	2	4,522,179	2.3
	28	28.00		114	2	4,552,173	2.3
	29	29.00		116	2.1	3,622,521	1.8
	30	30.00		143	2.6	4,916,248	2.5
	31	31.00		95	1.7	3,932,663	2
	32	32.00		128	2.3	5,110,547	2.6
	33	33.00		120	2.1	4,534,638	2.3
	34	34.00		143	2.6	4,075,572	2.1
	35	35.00		137	2.4	4,326,272	2.2
	36	36.00		116	2.1	4,460,785	2.3
	37	37.00		129	2.3	4,543,006	2.3
	38	38.00		127	2.3	4,062,925	2.1
	39	39.00		127	2.3	3,980,236	2
	40	40.00		138	2.5	4,280,131	2.2
	41	41.00		111	2	3,747,963	1.9
	42	42.00		101	1.8	3,834,798	1.9
	43	43.00		91	1.6	2,466,874	1.2
	44	44.00		106	1.9	3,552,261	1.8
	45	45.00		112	2	3,326,161	1.7
	46	46.00		104	1.9	3,844,977	1.9
	47	47.00		92	1.6	2,671,134	1.3
	48	48.00		121	2.2	3,819,384	1.9
	49	49.00		121	2.2	4,034,123	2
	50	50.00		109	1.9	3,784,162	1.9
	51	51.00		102	1.8	3,620,715	1.8
	52	52.00		119	2.1	5,004,998	2.5
	53	53.00		116	2.1	5,198,186	2.6
	54	54.00		137	2.4	5,289,966	2.7
	55	55.00		119	2.1	4,423,491	2.2
	56	56.00		133	2.4	4,516,903	2.3
	57	57.00		148	2.6	6,316,371	3.2

	58	58.00		159	2.8	3,399,310	1.7
	59	59.00		160	2.9	3,679,787	1.9
	60	60.00		156	2.8	3,426,366	1.7
	61	61.00		145	2.6	3,833,730	1.9
	62	62.00		188	3.4	4,590,878	2.3
	63	63.00		168	3	4,246,085	2.1
	64	64.00		196	3.5	5,614,569	2.8

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q48_HISPANIC						
Type: Numeric						
Length: 8						
Variable label: '48. Are you of Hispanic, Latino, or Spanish origin?'						
	-3	Missing	19	0.3	555,793	0.3
	1	No	4,812	85.9	161,401,715	81.5
	2	Yes	770	13.7	36,155,921	18.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q49_RACE_01						
Type: Numeric						
Length: 8						
Variable label: '49. White'						
	-3	Missing	20	0.4	1,292,042	0.7
	0	No	2,785	49.7	57,015,161	28.8
	1	Yes	2,796	49.9	139,806,227	70.6

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q49_RACE_02						
Type: Numeric						
Length: 8						
Variable label: '49. Black or African American'						
	-3	Missing	20	0.4	1,292,042	0.7
	0	No	4,655	83.1	168,749,036	85.2
	1	Yes	926	16.5	28,072,352	14.2

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q49_RACE_03 Type: Numeric Length: 8 Variable label: '49. American Indian or Alaska Native'						
	-3	Missing	20	0.4	1,292,042	0.7
	0	No	4,761	85	192,682,716	97.3
	1	Yes	820	14.6	4,138,671	2.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q49_RACE_04 Type: Numeric Length: 8 Variable label: '49. Asian'						
	-3	Missing	20	0.4	1,292,042	0.7
	0	No	4,796	85.6	183,128,586	92.4
	1	Yes	785	14	13,692,801	6.9

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q49_RACE_05 Type: Numeric Length: 8 Variable label: '49. Native Hawaiian or Other Pacific Islander'						
	-3	Missing	20	0.4	1,292,042	0.7
	0	No	5,530	98.7	195,548,833	98.7
	1	Yes	51	0.9	1,272,554	0.6

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q49_RACE_06 Type: Numeric Length: 8 Variable label: '49. Other'						
	-3	Missing	20	0.4	1,292,042	0.7
	0	No	5,075	90.6	180,866,136	91.3
	1	Yes	506	9	15,955,252	8.1

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q49_RACE_07						
Type: Numeric						
Length: 8						
Variable label: '49. FLAG MISSING RACE'						
	0	At least one race provided	5,581	99.6	196,821,387	99.3
	1	All races left missing	20	0.4	1,292,042	0.7

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q50_INTERNET						
Type: Numeric						
Length: 8						
Variable label: '50. Do you have Internet access at home on a computer or tablet?'						
	-3	Missing	7	0.1	57,163	0
	1	No	830	14.8	27,077,376	13.7
	2	Yes	4,764	85.1	170,978,891	86.3

Variable Information	Value	Label	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent
Variable number: Q51_CITIZENSHIP						
Type: Numeric						
Length: 8						
Variable label: '51. What is your citizenship status?'						
	-3	Missing	12	0.2	580,947	0.3
	1	U.S. citizen since birth	4,535	81	167,554,200	84.6
	2	Naturalized U.S. citizen	616	11	17,398,871	8.8
	3	Non-U.S. citizen	438	7.8	12,579,412	6.3