

**APPENDIX P  
NTEWS Utility-Quality Itemized Grid**

*This document provides information on the utility and quality for each 2022 NTEWS questionnaire item.*

Paper Questionnaire: Section, Question Number, and Content		Utility	Quality	Notes
<b>Employment Status</b>				
1	<p><b>Are you currently working for pay or profit?</b> <i>If you are temporarily absent from a job because you are on vacation, out sick, on maternity leave, etc., please answer "Yes".</i></p> <p>Yes - go to question 5</p> <p>No</p>	Q1 will be used to provide information about Employment.	Q1 originated from NSCG [A1] and ATEES [Q50]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
2	<p><i>(If No)</i> <b>Did you look for work during the last 4 weeks?</b></p> <p>Yes</p> <p>No</p>	Q2 will be used to provide information about Employment.	Q2 originated from NSCG [A2], ATEES [Q57] ACS [Person 37]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
3	<p><b>What is your MAIN reason for not working?</b> <i>Mark one answer.</i></p> <p>Retired</p> <p>On layoff due to the coronavirus pandemic</p> <p>On layoff for reasons unrelated to the coronavirus pandemic</p> <p>Student</p> <p>Family responsibilities due to the coronavirus pandemic (e.g., childcare, eldercare)</p> <p>Family responsibilities unrelated to the coronavirus pandemic</p> <p>Chronic illness or permanent disability</p> <p>Suitable job not available</p> <p>Did not need or want to work</p> <p>Other - specify</p>	Q3 will be used to provide information about Employment.	Q3 originated from NSCG [A3] adding the new coronavirus response options. This question was tested in NCSES-sponsored 2021 cognitive testing.	
4	<p><b>When did you last work for pay or profit?</b></p> <p>LAST WORKED (2 digit box) MONTH (4 digit box) YEAR</p> <p>(checkbox here) <b>Mark this box if you have NEVER worked or pay or profit.</b></p> <p><i>If you are not currently working, go to question 22.</i></p> <p><i>If you currently working, go to question 5.</i></p>	Q4 will be used to provide information about Employment.	Q4 originated from NSCG [A4]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
<b>Current Employment</b>				

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5	<p><b>How many jobs do you have?</b> If you are self-employed, count work with multiple customers, clients, or businesses as one job.</p> <p>NUMBER OF JOBS (box to enter number)</p>	Q5 will be used to provide information about Employment.	Q5 originated from ATEs [Q52]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
6	<p><b>During the PAST 12 MONTHS, how many hours did you usually work each WEEK across ALL jobs?</b></p> <p>NUMBER OF HOURS WORKED (3 digit box)</p>	Q6 will be used to provide information about Employment.	Q6 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
7	<p><b>What is the name of your MAIN job?</b></p> <p><i>If you have more than one job, answer for the job in which you work the MOST hours.</i></p> <p><i>For example: fourth-grade teacher, entry-level plumber, web developer, etc.</i></p> <p>NAME OF MAIN JOB (area to enter text)</p>	Q7 will be used to provide information about Employment.	Q7 originated from NSCG [A16] , ATEs [Q63], ACS [Person 42e]. A slightly different instructions to this question was tested in NCSES-sponsored 2021 cognitive testing.	After cognitive testing, NTEWS reverted to using the instructions of "most hours" currently used in the ACS for comparison of results.
8	<p><b>For the MAIN job you wrote in question 7, what are your most important activities or duties?</b></p> <p><i>For example: instruct and evaluate students and create lesson plans; assemble and install pipe sections and review building plans for work details; design, create, and modify websites, etc.</i></p> <p>ACTIVITIES AND DUTIES (area to enter text)</p>	Q8 will be used to provide information about Employment.	Q8 originated from NSCG [A17], ATEs [Q66], ACS [Person 42f]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
9	<p><b>During the PAST 12 MONTHS (52 weeks), did you work EVERY week at the MAIN job you wrote in question 7?</b></p> <p><i>Count paid vacation, paid sick leave, and military service as work.</i></p> <p>Yes - go to question 11</p> <p>No</p>	Q9 will be used to provide information about Employment.	Q9 originated from ATEs [Q60] and ACS [Q40a]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
10	<p><b>(If No) During the PAST 12 MONTHS (52 weeks), how many WEEKS did you work at the MAIN job you wrote in question 7?</b></p> <p>Include paid time off and weeks when you worked for only a few hours.</p> <p>NUMBER OF WEEKS (two digit box here)</p>	Q10 will be used to provide information about Employment.	Q10 originated from ATEs [Q61] and ACS [Person 40b]. This question was tested in NCSES-sponsored 2021 cognitive testing.	

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11	<p><b>During the PAST 12 MONTHS, in the WEEKS WORKED, how many hours did you usually work each WEEK at the MAIN job you wrote in question 7?</b></p> <p>NUMBER OF HOURS WORKED (three digit box here)</p>	Q11 will be used to provide information about Employment.	Q11 originated from NSCG [A25], ATEs [Q61], and ACS [Person 41]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
12	<p><b>During the PAST 12 MONTHS, what were your earnings from wages, salary, commissions, bonuses, or tips from the MAIN job you wrote in question 7?</b></p> <p>Report the amount before deductions for taxes, bonds, dues, or other items.</p> <p>EARNINGS \$ (seven digit box here)</p>	Q12 will be used to provide information about Employment and Outcomes.	Q12 originated from NSCG [A30], ATEs [Q62], and ACS [Person 43]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
13	<p><b>For the MAIN job you wrote in question 7, please rate your satisfaction with this job's...</b></p> <p>Mark one answer for each item.</p> <p>1=Very satisfied 2=Somewhat satisfied 3=Somewhat dissatisfied 4=Very dissatisfied 5=Does not apply</p> <p>Wage or salary.....1 2 3 4 5</p> <p>Benefits.....1 2 3 4 5</p> <p>Job security.....1 2 3 4 5</p> <p>Opportunities for advancement.....1 2 3 4 5</p> <p>Physical working conditions.....1 2 3 4 5</p>	Q13 will be used to provide information about Employment.	Q13 originated from NSCG [A28]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
14	<p><b>How would you rate your overall satisfaction with the MAIN job you wrote in question 7?</b></p> <p>Mark one answer.</p> <p>Very satisfied</p> <p>Somewhat satisfied</p> <p>Somewhat dissatisfied</p> <p>Very dissatisfied</p>	Q14 will be used to provide information about Employment.	Q14 originated from NSCG [A29]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
15	<p><b>For the MAIN job you wrote in question 7, are you self-employed?</b></p> <p>Yes</p> <p>No - Go to question 18</p>	Q15 will be used to provide information about Employment.	Q15 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
16	<p><b>(If Yes) Which one of the following best describes your self-employment?</b></p> <p>Mark one answer.</p> <p>Self-employed in a NON-INCORPORATED business, professional practice, or farm</p>	Q16 will be used to provide	Q16 originated from NSCG [A13] and ACS [Person 42a]. This question was tested in	

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Self-employed in an INCORPORATED business, professional practice, or farm	information about Employment.	NCSES-sponsored 2021 cognitive testing.	
<p><b>What is your MAIN BUSINESS OR INDUSTRY— that is, what does your business make or do?</b> <i>Include the main activity, product, or service you provide.</i></p> <p>17 <i>For example: Web design, management consulting, childcare, landscaping, etc.</i></p> <p>BUSINESS OR INDUSTRY (area to enter text)</p> <p><i>Go to question 20</i></p>	Q17 will be used to provide information about Employment.	Q17 originated from NSCG [A10], ATEs [64], and ACS [Person 42c]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
<p><b>For the MAIN job you wrote in question 7, which one of the following best describes your employer at this job?</b></p> <p>18 <i>Mark one answer.</i></p> <p>FOR-PROFIT company or organization</p> <p>NON-PROFIT organization (including tax exempt and charitable organizations)</p> <p>LOCAL GOVERNMENT (e.g., city, county, school district)</p> <p>STATE GOVERNMENT (including state colleges and universities)</p> <p>U.S. MILITARY SERVICE, ACTIVE DUTY, or COMMISSIONED CORP (e.g., USPHS, NOAA)</p> <p>FEDERAL GOVERNMENT (e.g., civilian employee)</p> <p>Other - Specify [area to enter text]</p>	Q18 will be used to provide information about Employment.	Q18 originated from NSCG [A13] and ACS [Person 42a]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
<p><b>What is your employer's MAIN BUSINESS OR INDUSTRY—that is, what does this employer make or do?</b> <i>Include the main activity, product, or service provided at the location where you work.</i></p> <p>19 <i>For example: Elementary school, residential construction, microprocessor chip production, etc.</i></p> <p>BUSINESS OR INDUSTRY (area to enter text)</p>	Q19 will be used to provide information about Employment.	Q19 originated from NSCG[A10], ATEs[64], ACS [Person 42c]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
<p><b>Is this business or industry mainly:</b></p> <p>20 <i>Mark one answer.</i></p> <p>Manufacturing?</p> <p>Wholesale trade?</p> <p>Retail trade?</p> <p>Other (agriculture, construction, service, government, etc.)?</p>	Q20 will be used to provide information about Employment.	Q20 originated from ACS [Person 42d]. This question was tested in NCSES-sponsored 2021 cognitive testing.	

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21	<p><b>What is the name and address of the business or employer for the MAIN job you wrote in question 7?</b></p> <p><i>If your EMPLOYER HAS MORE THAN ONE LOCATION, report the location where you work.</i></p> <p><i>If you work for a CONTRACTING OR CONSULTING COMPANY, report the name of that company, not the client organization.</i></p> <p>(Text boxes for: Name, Dept/Division, City/Town, State/Territory, Zip Code)</p>	Q21 will be used to provide information about Employment.	Q21 originated from NSCG [A9], ATEs [63], and ACS [Person 42b]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
<b>Enrollment</b>				
22	<p><b>Are you currently enrolled in or taking courses from a college, university, technical or trade school, or other school after high school?</b></p> <p>Yes</p> <p>No - go to question 27</p>	Q22 will be used to provide information about Education.	Q22 originated from NSCG [D14] and ATEs [3]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
23	<p><i>(If Yes)</i> <b>Are you currently enrolled full-time or part-time?</b></p> <p>Mark one answer.</p> <p>Full-time</p> <p>Part-time</p>	Q23 will be used to provide information about Education.	Q23 originated from NSCG [D15] and ATEs [3]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
24	<p><b>Are you currently enrolled in a degree program?</b></p> <p>Yes</p> <p>No, but I plan to transfer to a degree program.</p> <p>No, and I do not plan to transfer to a degree program. - go to question 27</p>	Q24 will be used to provide information about Education.	Q24 originated from NSCG [D15]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
25	<p><b>What degree are you working toward?</b></p> <p>Mark one answer.</p> <p>Associate degree (e.g., AA, AS)</p> <p>Bachelor's degree (e.g., BA, BS)</p> <p>Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA)</p> <p>Professional degree beyond a Bachelor's degree (e.g., MD, DDS, DVM, LLB, JD)</p> <p>Doctorate degree (e.g., PhD, EdD)</p> <p>Other - Specify</p>	Q25 will be used to provide information about Education.	Q25 originated from NSCG [D16]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
26	<p><b>What is your primary field of study?</b></p> <p>FIELD OF STUDY (text box)</p>	Q26 will be used to provide information about Education.	Q26 originated from NSCG [D17]. This question was tested in NCSES-sponsored 2021 cognitive testing.	

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<b>Educational Background</b>				
27	<b>What is the highest degree or level of school that you have COMPLETED?</b> <i>Mark one answer.</i> Elementary, middle, or high school, but no high school diploma or alternative high school credential (e.g., GED) - <i>go to question 28</i> High school diploma - <i>go to question 33</i> Alternative high school credential (e.g., GED) - <i>go to question 33</i> Some college credit, no degree - <i>go to question 33</i> Vocational certificate or diploma - <i>go to question 33</i> Associate's degree (e.g., AA, AS) - <i>go to question 29</i> Bachelor's degree (e.g., BA, BS) - <i>go to question 29</i> Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA) - <i>go to question 29</i> Professional degree beyond a Bachelor's degree (e.g., MD, DDS, DVM, LLB, JD) - <i>go to question 29</i> Doctorate degree (e.g., PhD, EdD) - <i>go to question 29</i>	Q27 will be used to provide information about Education.	Q27 originated from ATEs [1] and ACS [Person 11]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
28	<i>(If elementary, middle, or high school, but no high school diploma or alternative high school credential)</i> <b>Are you currently enrolled in high school?</b> <i>Do not include programs to earn an alternative high school credential (e.g., GED).</i> Yes - <i>go to question 77</i> No - <i>go to question 33</i>	Q28 will be used to provide information about Education.	Q28 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
29	<b>In what year did you get your highest degree?</b> <i>If you have more than one highest degree, answer for your most recent one.</i> YEAR (four digit text box)	Q29 will be used to provide information about Education.	Q28 new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
30	<b>What was the field of study for your highest degree?</b> FIELD OF STUDY (text box)	Q30 will be used to provide information about Education.	Q30 originated from ATEs [2]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
31	<b>Why did you choose to get your highest degree in this particular field of study?</b> <i>Mark one answer for each item. (1=Yes/2=No)</i> It was required for the job I was already doing. .... 1 2 It was required to get a job I wanted. .... 1 2 It allowed me to do more in the job I was already doing. .... 1 2 It allowed me to earn more money. .... 1 2 It allowed me to move up in my job. .... 1 2 It was a new or emerging area in my field. .... 1 2			

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	I was pursuing my passion. .... 1 2	Q31 will be used to provide information about Education and Employment.	Q31 new construct not on a past survey. This question was not tested in NCSES-sponsored 2021 cognitive testing. The response options were derived from the NCSES-sponsored 2021 cognitive testing of a similar construct.	The response options were tested for the other credentials (certificates, most important credential, and second most important credential) as part of the NCSES-sponsored 2021 cognitive testing.
	I was exploring potential interest in a new job or field. .... 1 2			
	Someone recommended this field or job to me. .... 1 2			
	It was a free or inexpensive opportunity. ....1 2			
	Some other reason - Specify .....1 2			
	(text box for other specify)			
32	<b>Do you use this highest degree for the MAIN job you wrote in Question 7?</b>	Q32 will be used to provide information about Education and Employment.	Q32 new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	I am not currently working.			
	Yes			
	No			
<b>Vocational Certificates</b>				
33	<b>Have you earned a vocational certificate or diploma for completing a training program from a community college, technical or trade school, or some other school?</b>	Q33 will be used to provide information about Credentials.	Q33 originated from ATEs [30d]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	<i>Do not count Associate degrees.</i>			
	Yes No - go to question 41			
34	<b>(If Yes) Who awarded your MOST RECENT vocational certificate?</b>	Q34 will be used to provide information about Credentials.	Q34 originated from ATEs [32]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	<i>If you have more than one vocational certificate, answer for your most recent one.</i>			
	A high school			
	A vocational, trade, or business school			
	A community or technical college			
	Another college or university Someplace else - Specify (text box for other specify)			
35	<b>How long did it take to complete your MOST RECENT vocational certificate?</b>	Q35 will be used to provide information about Credentials.	Q34 originated from ATEs [33]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	<i>Mark one answer.</i>			
	2 full-time school weeks or less (50 hours or less of instruction)			
	More than 2 weeks but less than 3 months of full-time schooling (51 to 299 hours of instruction)			
	3 full-time school months, but less than a fulltime academic year (300 to 899 hours of instruction)			
	1 full-time academic year or more (900 or more hours of instruction)			
36	<b>In what year did you get your MOST RECENT vocational certificate?</b>	Q36 will be used to provide	Q36 new construct not on a past survey. This question was tested in NCSES-sponsored	

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	YEAR (four digit text box)	information about Credentials.	2021 cognitive testing.	
37	<b>What was the field of study for your MOST RECENT vocational certificate?</b> FIELD OF STUDY (text box)	Q37 will be used to provide information about Credentials.	Q37 originated from ATEs [31]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
38	<b>Why did you choose to get your MOST RECENT vocational certificate in this particular field of study?</b> <i>Mark one answer for each item. (1=Yes/ 2=No)</i> It was required for the job I was already doing. .... 1 2 It was required to get a job I wanted. .... 1 2 It allowed me to do more in the job I was already doing. .... 1 2 It allowed me to earn more money. .... 1 2 It allowed me to move up in my job. .... 1 2 It was a new or emerging area in my field. .... 1 2 I was pursuing my passion. .... 1 2 I was exploring potential interest in a new job or field. .... 1 2 Someone recommended this field or job to me. .... 1 2 It was a free or inexpensive opportunity. ....1 2 Some other reason - Specify .....1 2 (text box for other specify)	Q38 will be used to provide information about Credentials and Employment.	Q38 new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
39	<b>Do you use your MOST RECENT vocational certificate for the MAIN job you wrote in Question 7?</b> I am not currently working. Yes No	Q39 will be used to provide information about Credentials and Employment.	Q39 new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
40	<b>To obtain your MOST RECENT vocational certificate, did you have any of the following financial support?</b> <i>Mark one answer for each item. (1=Yes/2=No)</i> My own money ..... 1 2 Loans from a spouse, partner, or family member ..... 1 2 Money from a spouse, partner, or family member that does not need to be repaid .... 1 2 Financial support or reimbursement from an employer ..... 1 2 Loans from the government or private lenders ..... 1 2 Grants or scholarships from someplace other than my employer ..... 1 2 Financial support from a professional association ..... 1 2		Q40 is a new construct not on a past survey.	



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	Some other financial support – Specify ..... 1 2 (other specify text box)	Q40 will be used to provide information about Credentials.	Q40 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
<b>Licenses and Certifications</b>				
41	<p><b>Do you have any CURRENTLY ACTIVE state or industry licenses or professional certifications?</b></p> <p><i>For example, teaching license, land surveyor license, nurse midwife certification, ASE master technician certification, Cisco Certified Network Associate (CCNA), etc.</i></p> <p><i>Do not include vendor's licenses or other licenses to operate a business.</i></p> <p>Yes</p> <p>No - go to question 68</p>	Q41 will be used to provide information about Credentials.	Q41 originated from NSCG [A39] and ATEs [6]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
42	<p><b>(If Yes) How many CURRENTLY ACTIVE licenses and certifications do you have?</b></p> <p><i>If you have the same license in more than one state, count each license separately.</i></p> <p><i>If you earned a certification in order to get a license, count the license and certification separately.</i></p> <p>NUMBER OF LICENSES AND CERTIFICATIONS (box for entering number)</p>	Q42 will be used to provide information about Credentials.	Q42 originated from NSCG [A40] and ATEs [7]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
43	<p><b>Thinking about all of your CURRENTLY ACTIVE licenses and certifications, which one do you consider to be your MOST IMPORTANT?</b></p> <p><i>Please write out the full name. Do not use abbreviations.</i></p> <p>NAME OF LICENSE OR CERTIFICATION (box for entering text)</p>	Q43 will be used to provide information about Credentials.	Q42 originated from ATEs [8]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
44	<p><b>What kind of work can you do with this license or certification?</b></p> <p>(large text box)</p>	Q44 will be used to provide information about Credentials.	Q44 originated from ATEs [9]. This question was tested in NCSES-sponsored 2021 cognitive testing.	Slight modifications to the question wording were introduced after the cognitive testing to increase the clarity of the question.
45	<p><b>Did you get your MOST IMPORTANT license or certification for work-related reasons?</b></p> <p>Yes</p> <p>No</p>	Q45 will be used to provide information about Credentials and Employment.	Q44 originated from NSCG [A41]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
46	<p><b>Why did you choose to get your MOST IMPORTANT license or certification?</b></p> <p><i>Mark one answer for each item. (1=Yes/2=No)</i></p>			

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	It was required for the job I was already doing. .... 1 2	Q46 will be used to provide information about Credentials and Employment.	Q46 originated from NSCG [A46] and ATES [15]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	It was required to get a job I wanted. .... 1 2			
	It allowed me to do more in the job I was already doing. .... 1 2			
	It allowed me to earn more money. .... 1 2			
	It allowed me to move up in my job. .... 1 2			
	It was a new or emerging area in my field. .... 1 2			
	I was pursuing my passion. .... 1 2			
	I was exploring potential interest in a new job or field. .... 1 2			
	Someone recommended this field or job to me. .... 1 2			
	It was a free or inexpensive opportunity. ....1 2			
	Some other reason - Specify .....1 2 (text box for other specify)			
47	<b>Were you LEGALLY required to have your MOST IMPORTANT license or certification in order to work?</b>	Q47 will be used to provide information about Credentials and Employment.	Q47 originated from ATES [10]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	Yes			
	No			
48	<b>Who issued your MOST IMPORTANT license or certification?</b> <i>Mark one answer.</i>	Q48 will be used to provide information about Credentials.	Q48 originated from NSCG [A45]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	1 City or county government agency (e.g., County Electrical Licensing Board, County Department of Land Use)			
	2 State government agency (e.g., State Board of Education or other state board)			
	3 Federal government agency (e.g., OSHA, FAA)			
	4 Professional or trade association (e.g., American Culinary Federation, CompTIA)			
	5 Business or company (e.g., Xerox, 3M Company)			
	6 Other - Specify (text box here)			
49	<b>Does your MOST IMPORTANT license or certification need to be renewed?</b>	Q49 will be used to provide information about Credentials.	Q49 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	Yes			
	No - go to question 51			
50	<i>(If Yes) How often does it need to be renewed?</i> <i>Mark one answer.</i>	Q50 will be used to provide information about Credentials.	Q50 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	Every year			
	Every two years			
	Other - Specify (text box here)			

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51	<b>In what year did you first get your MOST IMPORTANT license or certification?</b> (four digit box)	Q51 will be used to provide information about Credentials.	Q51 originated from NSCG [A43] and ATEES [12]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
52	<b>Do you use your MOST IMPORTANT license or certification for the MAIN job you wrote in question 7?</b> <i>Mark one answer.</i> I am not currently working. Yes No	Q52 will be used to provide information about Credentials and Employment.	Q52 originated from NSCG [A49] and ATEES [14]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
53	<b>To obtain your MOST IMPORTANT license or certification, did you have any of the following financial support?</b> <i>Mark one answer for each item. (1=Yes/2=No)</i> My own money ..... 1 2 Loans from a spouse, partner, or family member ..... 1 2 Money from a spouse, partner, or family member that does not need to be repaid .... 1 2 Financial support or reimbursement from an employer ..... 1 2 Loans from the government or private lenders ..... 1 2 Grants or scholarships from someplace other than my employer ..... 1 2 Financial support from a professional association ..... 1 2 Some other financial support - Specify ..... 1 2 (other specify text box)	Q53 will be used to provide information about Credentials.	Q53 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
54	<b>To get the skills and knowledge needed for your MOST IMPORTANT license or certification, did you take classes from a college, university, technical or trade school, or other school after high school?</b> Yes No	Q54 will be used to provide information about Credentials.	Q54 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
55	<b>Did you report having TWO OR MORE CURRENTLY ACTIVE licenses or certifications in question 42?</b> Yes - go to question 56 No - go to question 68	Q55 will be used to provide information about Credentials.	Q55 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	<i>You indicated that you have two or more licenses or certifications. The next few questions will be about your SECOND MOST IMPORTANT license or certification.</i>			

**APPENDIX P  
NTEWS Utility-Quality Itemized Grid**

*This document provides information on the utility and quality for each 2022 NTEWS questionnaire item.*

Paper Questionnaire: Section, Question Number, and Content		Utility	Quality	Notes
56	<p><b>Thinking about all of your CURRENTLY ACTIVE licenses and certifications you wrote in question 42, which one do you consider to be your SECOND MOST IMPORTANT?</b></p> <p><i>Please write out the full name. Do not use abbreviations.</i></p> <p>NAME OF LICENSE OR CERTIFICATION (text box)</p>	Q56 will be used to provide information about Credentials.	Q56 originated from ATEG [17]. This question was not tested in NCSES-sponsored 2021 cognitive testing.	
57	<p><b>What kind of work can you do with this license or certification?</b></p> <p>(large text area)</p>	Q57 will be used to provide information about Credentials.	Q44 originated from ATEG [9]. This question was tested in NCSES-sponsored 2021 cognitive testing.	Slight modifications to the question wording were introduced after the cognitive testing to increase the clarity of the question.
58	<p><b>Did you get your SECOND MOST IMPORTANT license or certification for work-related reasons?</b></p> <p>Yes</p> <p>No</p>	Q58 will be used to provide information about Credentials and Employment.	Q58 originated from NSCG [A41]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
59	<p><b>Why did you choose to get your SECOND MOST IMPORTANT license or certification?</b></p> <p><i>Mark one answer for each item. (1=Yes/2=No)</i></p> <p>It was required for the job I was already doing. .... 1 2</p> <p>It was required to get a job I wanted. .... 1 2</p> <p>It allowed me to do more in the job I was already doing. .... 1 2</p> <p>It allowed me to earn more money. .... 1 2</p> <p>It allowed me to move up in my job. .... 1 2</p> <p>It was a new or emerging area in my field. .... 1 2</p> <p>I was pursuing my passion. .... 1 2</p> <p>I was exploring potential interest in a new job or field. .... 1 2</p> <p>Someone recommended this field or job to me. .... 1 2</p> <p>It was a free or inexpensive opportunity. .... 1 2</p> <p>Some other reason - Specify ..... 1 2</p> <p>(text box for other specify)</p>	Q59 will be used to provide information about Credentials and Employment.	Q59 originated from NSCG [A46] and ATEG [15]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
60	<p><b>Were you LEGALLY required to have your SECOND MOST IMPORTANT license or certification in order to work?</b></p> <p>Yes</p> <p>No</p>	Q60 will be used to provide information about Credentials and Employment.	Q60 originated from ATEG [19]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
61	<p><b>Who issued your SECOND MOST IMPORTANT license or certification?</b></p> <p><i>Mark one answer.</i></p>			

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Paper Questionnaire: Section, Question Number, and Content		Utility	Quality	Notes
	1 City or county government agency (e.g., County Electrical Licensing Board, County Department of Land Use)	Q61 will be used to provide information about Credentials.	Q62 originated from NSCG [A45]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	2 State government agency (e.g., State Board of Education or other state board)			
	3 Federal government agency (e.g., OSHA, FAA)			
	4 Professional or trade association (e.g., American Culinary Federation, CompTIA)			
	5 Business or company (e.g., Xerox, 3M Company)			
	6 Other - Specify (text box here)			
62	<b>Does your SECOND MOST IMPORTANT license or certification need to be renewed?</b>	Q62 will be used to provide information about Credentials.	Q62 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	Yes			
	No			
63	<i>(If Yes) How often does it need to be renewed?</i> <i>Mark one answer.</i>	Q63 will be used to provide information about Credentials.	Q63 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	Every year			
	Every two years			
	Other - Specify (text box)			
64	<b>In what year did you first get YOUR SECOND MOST IMPORTANT license or certification?</b>	Q64 will be used to provide information about Credentials.	Q64 originated from NSCG [A43] and ATEES [21]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	YEAR (four digit text box)			
65	<b>Do you use your SECOND MOST IMPORTANT license or certification for the MAIN job you wrote in question 7?</b> <i>Mark one answer.</i>	Q65 will be used to provide information about Employment and Credentials.	Q65 originated from NSCG [A49] and ATEES [14]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	I am not currently working.			
	Yes			
	No			
66	<b>To obtain your SECOND MOST IMPORTANT license or certification, did you have any of the following financial support?</b> <i>Mark one answer for each item. (1=Yes/2=No)</i>			
	My own money ..... 1 2			
	Loans from a spouse, partner, or family member ..... 1 2			
	Money from a spouse, partner, or family member that does not need to be repaid .... 1 2			
	Financial support or reimbursement from an employer ..... 1 2			
	Loans from the government or private lenders ..... 1 2			

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Paper Questionnaire: Section, Question Number, and Content		Utility	Quality	Notes
	Grants or scholarships from someplace other than my employer ..... 1 2	Q66 will be used to provide information about Credentials.	Q66 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	Financial support from a professional association ..... 1 2			
	Some other financial support - Specify ..... 1 2			
	(other specify text box)			
67	<b>To get the skills and knowledge needed for your SECOND MOST IMPORTANT license or certification, did you take classes from a college, university, technical or trade school, or other school after high school?</b>	Q67 will be used to provide information about Credentials.	Q67 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	Yes			
	No			
<b>Work Experience Programs</b>				
68	<b>Have you ever COMPLETED an internship, apprenticeship, clerkship, externship, residency, clinical experience, student teaching, or similar program?</b>	Q68 will be used to provide information about Credentials.	Q68 originated from ATEs [39]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	Yes, I have completed this type of program.			
	No, but I am in one now. - go to question 77			
	No, and I am not in one now. - go to question 77			
69	<b>What type of work was your last completed work experience program for?</b> <i>For example: administrative assistant, entry-level plumber, etc.</i>	Q69 will be used to provide information about Credentials.	Q69 originated from ATEs [40]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	TYPE OF WORK (two line text box)			
70	<b>How related is your last completed work experience program to the MAIN job you wrote in Question 7?</b> <i>Mark one answer.</i>	Q70 will be used to provide information about Credentials and Employment.	Q70 originated from ATEs [47]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	I am not currently working. - go to question 72			
	Very related			
	Somewhat related			
	Not related			
71	<b>How often do you use the skills or knowledge that you gained during your last work experience program for the MAIN job you wrote in question 7?</b> <i>Mark one answer.</i>	Q71 will be used to provide information about Credentials and Employment.	Q71 originated from ATEs [48]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	All or most of the time			
	Sometimes			
	Almost never			
	Never			
72	<b>In what year did you complete your last work experience program?</b>	Q72 will be used to provide information about Credentials.	Q72 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	YEAR (four digit text box)			

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Paper Questionnaire: Section, Question Number, and Content		Utility	Quality	Notes
73	<b>What wage did you earn during your last completed work experience program?</b> <i>Mark one answer.</i>	Q73 will be used to provide information about Credentials.	Q73 originated from ATEs [42]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	I was not paid.			
	A wage that increased as I gained skills and experience			
	A set wage that was lower than the wage of a fully qualified worker			
	The same wage as a fully qualified worker			
74	<b>Which ONE of the following best describes your last completed work experience program?</b> <i>Mark one answer.</i>	Q74 will be used to provide information about Credentials and Education.	Q74 originated from ATEs [45]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	It was part of a high school program. - go to question 76			
	It was part of a school program after high school. - go to question 76			
	It was not part of a formal education program.			
75	<b>Did your last completed work experience program require that you take classes from...</b> <i>Mark one answer for each item. (1=Yes/2=No)</i>	Q75 will be used to provide information about Credentials and Education.	Q75 originated from ATEs [43b and 43c]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	A college, university, technical or trade school, or other school after high school? ... 1 2			
	A company, association, union, or other provider?.....1 2			
76	<b>As part of your last completed work experience program, did you get formal training from a coworker or mentor?</b>	Q76 will be used to provide information about Credentials.	Q76 originated from ATEs [43a]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	Yes			
	No			
<b>Background</b>				
77	<b>Are you male or female?</b>	Q77 will be used to provide information about Demographics.	Q77 originated from ATEs [73]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	Male			
	Female			
78	<b>What is your birthdate?</b>	Q78 will be used to provide information about Demographics.	Q78 originated from NSCG [E22]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	MONTH (two digit box) DAY (two digit box) YEAR (four digit box)			
79	<b>Are you of Hispanic, Latino, or Spanish origin?</b>	Q79 will be used to provide	Q79 originated from ATEs [79]. This question was tested in NCSES-sponsored 2021	
	Yes			

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Paper Questionnaire: Section, Question Number, and Content		Utility	Quality	Notes
	No	information about Demographics.	cognitive testing.	
80	<b>What is your race?</b> <i>Select all that apply.</i> American Indian or Alaska Native Specify tribal affiliation(s) Native Hawaiian or other Pacific Islander Asian Black or African American White	Q80 will be used to provide information about Demographics.	Q80 originated from NSCG [E21] and ATEs [79]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
81	<b>What is your current marital status?</b> Married Living in a marriage-like relationship Widowed Divorced Separated Never married	Q81 will be used to provide information about Demographics.	Q81 originated from NSCG [E1]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
82	<b>Is English your first language?</b> Yes No	Q82 will be used to provide information about Demographics.	Q82 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
83	<b>How well do you need to speak English for the MAIN job you wrote in question 7?</b> <i>Mark one answer.</i> I am not currently working. I need to be able to easily carry on a conversation. I need to be able to reply to or ask simple questions. I need to be able to use single words or short phrases. I do not need to speak English for this job.	Q83 will be used to provide information about Demographics.	Q83 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	
84	<b>How well do you need to speak Spanish for the MAIN job you wrote in question 7?</b> <i>Mark one answer.</i> I am not currently working. I need to be able to easily carry on a conversation. I need to be able to reply to or ask simple questions. I need to be able to use single words or short phrases. I do not need to speak Spanish for this job.	Q84 will be used to provide information about Demographics.	Q84 is a new construct not on a past survey. This question was tested in NCSES-sponsored 2021 cognitive testing.	



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Paper Questionnaire: Section, Question Number, and Content		Utility	Quality	Notes
85	<p><b>Have you ever served on active duty in the U.S. Armed Forces, Reserves, or National Guard?</b></p> <p><i>Mark one answer.</i></p> <p>Never served in the military</p> <p>Only on active duty for training in the Reserves or National Guard</p> <p>Now on active duty</p> <p>On active duty in the past, but not now</p>	Q85 will be used to provide information about Demographics.	Q85 originated from NSCG [E23] and ACS [Person 27]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
86	<p><b>Are you currently living in the United States or Puerto Rico, another U.S. territory, or are you living in another country?</b></p> <p><i>Mark one answer.</i></p> <p>United States or Puerto Rico</p> <p>Another U.S. territory</p> <p>Another country</p>	Q86 will be used to provide information about Demographics.	Q86 originated from NSCG [E7]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
87	<p><b>In what U.S. state, U.S. territory, or foreign country were you born?</b></p> <p>U.S. STATE OR U.S. TERRITORY (text box)</p> <p>OR</p> <p>FOREIGN COUNTRY (text box)</p>	Q87 will be used to provide information about Demographics.	Q87 originated from NSCG [E18]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
88	<p><b>Are you a U.S. citizen?</b></p> <p>Yes - <i>go to question 90</i></p> <p>No</p>	Q88 will be used to provide information about Demographics.	Q88 originated from NSCG [E8]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
89	<p>(If non-U.S. citizen) Are you currently a non-U.S. citizen with a...</p> <p><i>Mark one answer.</i></p> <p>Permanent U.S. Resident Visa (Green Card)?</p> <p>Temporary U.S. Resident Visa?</p>	Q89 will be used to provide information about Demographics.	Q89 originated from NSCG [E10]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
90	<p>What is the USUAL degree of difficulty you have with...</p> <p><i>Mark one answer for each item.</i></p> <p>1=None 2=Slight 3=Moderate 4=Severe 5=Unable to do (5)</p> <p>SEEING words or letters in ordinary newsprint (with glasses/contact lenses, if you usually wear them)? ..... 1 2 3 4 5</p> <p>HEARING what is normally said in conversation with another person (with a hearing aid, if you usually wear one)? ..... 1 2 3 4 5</p> <p>WALKING without human or mechanical assistance or using stairs? ..... 1 2 3 4 5</p>			

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Paper Questionnaire: Section, Question Number, and Content		Utility	Quality	Notes
	LIFTING or carrying something as heavy as 10 pounds, such as a bag of groceries? ..... 1 2 3 4 5	Q90 will be used to provide information about Demographics.	Q90 originated from NSCG [E25]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	CONCENTRATING, REMEMBERING, or MAKING DECISIONS because of a physical, mental, or emotional condition? ..... 1 2 3 4 5			
91	<b>Because we are interested in how education and employment change over time, we might contact you in the future.</b>	Q91 will be used to follow-up with respondents for future NTEWS cycles.	Q91 originated from NSCG [E28]. This question was tested in NCSES-sponsored 2021 cognitive testing.	
	Email address (text box)			
	Home phone number (three digit text box / three digit text box / four digit text box)			
	Cell phone number (three digit text box / three digit text box / four digit text box)			
	(check box here) Mark this box to give consent to receive text messages for follow-up purposes only.			

**Note:** We used NCSES 2019 NSCG New Respondent Questionnaire, NCES 2016 ATES Questionnaire, and Census Bureau 2019 ACS Questionnaire to identify similar or exact questions listed in the Quality column (column D).