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CASE ID INFO

caseid Case Number

COLLEGE ENROLLMENT

w4enrol Was R enrolled in College At Last (MOST RECENT) Interview?

Y Yes (continue through w4q1)
N No (SKIP TO w4q1a)

w4q1 Are you still enrolled at (NAME OF MOST RECENT COLLEGE ATTENDED)?

1 Yes (SKIP TO w4q12)
5 No (SKIP TO w4q2)
8 Don’t Know (SKIP TO w4q2)
7 Refused (SKIP TO w4q2)

Blank – Coded N for w4enrol

w4q1a In how many, if any, colleges or universities have you been enrolled since we last interviewed you in (DATE OF MOST RECENT INTERVIEW)?

0 None (SKIP TO w4q10)
1 One (SKIP TO w4q6)
2 Two or more (SKIP TO w4q6)
8 Don’t know
7 Refused

Blank – Coded Y for w4enrol

w4enrol_sum Summary measure of enrollment at previous and current interview

1 Enrolled in college at last interview - still enrolled at same college
2 Enrolled in college at last interview - not enrolled at same college
3 Not enrolled in college at last interview – not enrolled since
4 Not enrolled in college at last interview – enrolled since
FOR RESPONDENTS NOT CURRENTLY ENROLLED AT SAME/ORIGINAL INSTITUTION BUT ENROLLED AT LAST INTERVIEW

For respondents with [w4enrol_sum = 2]

LAST COMPLETED TERM

w4q2  What was your last completed term at (NAME OF MOST RECENT COLLEGE ATTENDED)?

1  Fall 1999
2  Winter 2000
3  Spring 2000
4  Summer 2000
5  Fall 2000
6  Winter 2001
7  Spring 2001
8  Summer 2001
9  Fall 2001
10  Winter 2002
11  Spring 2002
98  Don’t know
97  Refused

FACTORS INFLUENCING DECISION TO LEAVE COLLEGE

w4q3aa  How important were the following factors in your deciding to leave (LAST COLLEGE ATTENDED ACCORDING TO NLSF RECORDS)?
Not coded = answered 5 to w4wv3q4a

The high cost of education?
(USE CODES GIVEN BELOW FOR q3aa-q3an)

1  Very unimportant
2  Somewhat unimportant
3  Somewhat important
4  Very important
8  Don’t know
7  Refused
w4q3ab  Too much debt?
w4q3ac  Poor grades?
w4q3ad  Courses were too difficult?
w4q3ae  Poor teaching?
w4q3af  Classes were too large?
w4q3ag  Lack of interest?
w4q3ah  Lack of effort?
w4q3ai  Lack of friends?
w4q3aj  Didn’t fit in?
w4q3ak  Family was unsupportive?
w4q3al  Friends were unsupportive?
w4q3am  Family responsibilities?
w4q3an  Campus racial or ethnic climate?

w4q4  In how many, if any, colleges or universities have you been enrolled since we last interviewed you in (DATE OF MOST RECENT INTERVIEW)?

0  None (SKIP TO w4q10)
1  One
2  Two or more
8  Don’t know
7  Refused
FOR RESPONDENTS NOT CURRENTLY ENROLLED AT SAME/ORIGINAL INSTITUTION BUT ENROLLED SINCE LAST INTERVIEW
For respondents with \[w4enrol\_sum = 2 \text{ or } 4\] and \[w4q4 = 1 \text{ or } 2\]

COLLEGE ENROLLMENT

\textbf{w4q6} Are you currently enrolled at (NAME OF MOST RECENT COLLEGE ATTENDED)?

1 Yes (SKIP TO w4q12)
5 No
8 Don’t Know
7 Refused

FOR RESPONDENTS NOT CURRENTLY ENROLLED AT SAME/ORIGINAL INSTITUTION, ENROLLED SINCE LAST INTERVIEW BUT NOT ENROLLED AT CURRENT INTERVIEW

LAST COMPLETED TERM
For respondents with \[w4enrol\_sum = 2 \text{ or } 4\] and \[w4q6 = 5\]

\textbf{w4q7} What was your last completed term at (NAME OF MOST RECENT COLLEGE ATTENDED)?

1 Fall 1999
2 Winter 2000
3 Spring 2000
4 Summer 2000
5 Fall 2000
6 Winter 2001
7 Spring 2001
8 Summer 2001
9 Fall 2001
10 Winter 2002
11 Spring 2002
98 Don’t know
97 Refused
FACTORS INFLUENCING DECISION TO LEAVE COLLEGE
For respondents with \[w4enrol\textunderscore sum = 2 \text{ or } 4\] and \[w4q6 = 5\]

\textbf{w4q9*} How important were the following factors in your deciding to leave (NAME OF MOST RECENT COLLEGE ATTENDED)?

\textbf{w4q9a} The high cost of education?
(\textsc{use codes given below for q9a-q9n})

\begin{itemize}
  \item 1 Very unimportant
  \item 2 Somewhat unimportant
  \item 3 Somewhat important
  \item 4 Very important
  \item 8 Don’t know
  \item 7 Refused
\end{itemize}

\textbf{w4q9b} Too much debt?

\textbf{w4q9c} Poor grades?

\textbf{w4q9d} Courses were too difficult?

\textbf{w4q9e} Poor teaching?

\textbf{w4q9f} Classes were too large?

\textbf{w4q9g} Lack of interest?

\textbf{w4q9h} Lack of effort?

\textbf{w4q9i} Lack of friends?

\textbf{w4q9j} Didn’t fit in?

\textbf{w4q9k} Family was unsupportive?

\textbf{w4q9l} Friends were unsupportive?

\textbf{w4q9m} Family responsibilities?

\textbf{w4q9n} Campus racial or ethnic climate?
FOR RESPONDENTS NOT ENROLLED SINCE LAST INTERVIEW

For respondents with \([w4enrol\_sum = 2]\) and \([w4q4 = 1]\)
For respondents with \([w4enrol\_sum = 3]\)
For respondents with \([w4enrol\_sum = 4]\) and \([w4q6 = 5]\)

\(w4q10\) What is the likelihood that you will re-enroll at some college or university in the next two years? Is it:

1 very unlikely,
2 somewhat unlikely,
3 somewhat likely, or
4 very likely?
8 Don’t know
7 Refused

CURRENT EMPLOYMENT

\(w4q11\) Are you currently working at a paid job?

1 Yes (SKIP TO \(w4q11a\))
5 No
8 Don’t know
7 Refused

\(w4q11a\) What is your current job title? What do you do? What are your duties?

(USE APPENDIX E – OCCUPATION CODES FROM U.S. CENSUS 1990 ALPHABETICAL INDEX OF INDUSTRIES & OCCUPATIONS)

777 Other (SPECIFY)
998 Don’t know
997 Refused

\(w4q11b\_a\) How much do you currently earn at this job?

Dollars

1-50000 $1 to $50,000 Dollars
9999998 Don’t know (SKIP TO \(w4q11c\))
9999997 Refused (SKIP TO \(w4q11c\))

\(w4q11b\_c\) Cents
w4q11b_u  Per Unit:

0-99  Cents

w4q11c  On average, how many hours per week do you work?

1-100  Hours per week
998    Don’t know
997    Refused
ACADEMIC PROGRESS AT CURRENT INSTITUTION

For respondents with \[w4enrol\_sum = 1\]
For respondents with \[w4enrol\_sum = 2\] or \[4\] and \[w4q6 = 1\]

SPRING 2002 TERM COURSES

w4q12 Is (NAME OF MOST RECENT COLLEGE ATTENDED) on a quarter or semester system?

1 Quarter
5 Semester
8 Don’t know
7 Refused

w4q14 At the beginning of Spring 2002 term, for how many courses did you register? Please include each course for which you originally registered, even if you later dropped it. (ENTER ACTUAL NUMBER OF COURSES FOR WHICH YOU REGISTERED, BUT COLLECT FOLLOW-UP DATA FOR ONLY UP TO SIX COURSES)

0 Courses (SKIP TO w4q15)
1-12 Courses
98 Don’t know (SKIP TO w4q15)
97 Refused (SKIP TO w4q15)

w4q14aa In what department was (COURSE) taught? (USE CODES GIVEN IN APPENDIX B)

w4q14ab Did you complete that course, are you still enrolled in it, or have you dropped that course?

1 Completed course
2 Still enrolled
3 Dropped the course (SKIP TO w4q15)
8 Don’t know (SKIP TO w4q15)
7 Refused (SKIP TO w4q15)
### w4q14ac

**What grade (did you/do you expect to) earn?**

(USE CODES GIVEN BELOW FOR w4q14(a-f)c)

<table>
<thead>
<tr>
<th>Code</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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<tr>
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<td>Never took classes</td>
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<td>22</td>
<td>Class hasn’t started yet</td>
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<tr>
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<tr>
<td>25</td>
<td>Distinction</td>
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<tr>
<td>98</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
WINTER 2002 TERM COURSES

w4q15  At the beginning of Winter 2002 term, for how many courses did you register? Please include each course for which you originally registered, even if you later dropped it.

(ENTER ACTUAL NUMBER OF COURSES FOR WHICH R REGISTERED, BUT COLLECT FOLLOW-UP DATA FOR ONLY UP TO SIX COURSES)

0 Courses (SKIP TO w4q16)
1-12 Courses
98 Don’t know (SKIP TO w4q16)
97 Refused (SKIP TO w4q16)

w4q15aa  In what department was (COURSE) taught?
(USE CODES GIVEN IN APPENDIX B)

w4q15ab  Did you complete that course, are you still enrolled in it, or have you dropped that course?

1  Completed course
2  Still enrolled
3  Dropped the course (SKIP TO w4q16)
8  Don’t know (SKIP TO w4q16)
7  Refused (SKIP TO w4q16)

w4q15ac  What grade (did you/do you expect to) earn?
(USE CODES GIVEN BELOW FOR q15(a-f)c)

1  A  13  Withdraw
2  A- 14  Pass/Satisfactory
3  B+ 15  Fail
4  B  16  Pass/Fail
5  B- 17  Credit
6  C+ 18  No Credit
7  C  19  Incomplete
8  C- 20  Audit
9  D+ 21  Never took classes
10 D  22  Class hasn’t started yet
11 D- 23  No grade yet
12 E/F 24  Complete
77  Other (SPECIFY) 25  Distinction
95  Ungraded 98  Don’t know
97  Refused
**FALL 2001 TERM COURSES**

**w4q16**  
At the beginning of Fall 2001 term, for how many courses did you register? Please include each course for which you originally registered, even if you later dropped it.  
**ENTER ACTUAL NUMBER OF COURSES FOR WHICH R REGISTERED, BUT COLLECT FOLLOW-UP DATA FOR ONLY UP TO SIX COURSES**

<table>
<thead>
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<th>Courses</th>
<th>Description</th>
</tr>
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<tr>
<td>0</td>
<td>(SKIP TO w4q17)</td>
</tr>
<tr>
<td>1-12</td>
<td>Courses</td>
</tr>
<tr>
<td>98</td>
<td>Don’t know (SKIP TO w4q17)</td>
</tr>
<tr>
<td>97</td>
<td>Refused (SKIP TO w4q17)</td>
</tr>
</tbody>
</table>

**w4q16aa**  
In what department was (COURSE) taught?  
**USE CODES GIVEN IN APPENDIX B**

**w4q16ab**  
Did you complete that course, are you still enrolled in it, or have you dropped that course?

| 1 | Completed course |
| 2 | Still enrolled |
| 3 | Dropped the course (SKIP TO w4q17a) |
| 8 | Don’t know (SKIP TO w4q17a) |
| 7 | Refused (SKIP TO w4q17a) |

**w4q16ac**  
What grade (did you/do you expect to) earn?  
**USE CODES GIVEN BELOW FOR q16(a-f),**

| 1 | A |
| 2 | A- |
| 3 | B+ |
| 4 | B |
| 5 | B- |
| 6 | C+ |
| 7 | C |
| 8 | C- |
| 9 | D+ |
| 10 | D |
| 11 | D- |
| 12 | E/F |
| 77 | Other (SPECIFY) |
| 95 | Ungraded |
| 98 | Don’t know |
| 13 | Withdraw |
| 14 | Pass/Satisfactory |
| 15 | Fail |
| 16 | Pass/Fail |
| 17 | Credit |
| 18 | No Credit |
| 19 | Incomplete |
| 20 | Audit |
| 21 | Never took classes |
| 22 | Class hasn’t started yet |
| 23 | No grade yet |
| 24 | Complete |
| 25 | Distinction |
SPRING 2001 TERM COURSES

w4q17a-j In Spring 2001 term, what was your final grade in (WAVE3 COURSE1-10)?
(USE CODES GIVEN BELOW FOR w4q17a-j)

1   A                             13  Withdraw
2   A-                            14  Pass/Satisfactory
3   B+                            15  Fail
4   B                             16  Pass/Fail
5   B-                            17  Credit
6   C+                            18  No Credit
7   C                             19  Incomplete
8   C-                            20  Audit
9   D+                            21  Never took classes
10  D                             22  Class hasn’t started yet
11  D-                            23  No grade yet
12  E/F                          24  Complete
77   Other (SPECIFY)  25  Distinction
95   Ungraded                   97    Refused
98    Don’t know

w4q18 At the beginning of Spring 2001 term, for how many courses did you register?
Please include each course for which you originally registered, even if you later dropped it.
(ENTER ACTUAL NUMBER OF COURSES FOR WHICH YOU REGISTERED, BUT COLLECT FOLLOW-UP DATA FOR ONLY UP TO SIX COURSES)

0   Courses (SKIP TO w4q19a)
1-12 Courses
98    Don’t know (SKIP TO w4q19a)
97    Refused (SKIP TO w4q19a)

w4q18(a-f)a In what department was (COURSE) taught?
(USE CODES GIVEN IN APPENDIX B)

w4q18(a-f)b Did you complete that course, are you still enrolled in it, or have you dropped that course?

1   Completed course
2   Still enrolled
3   Dropped the course (SKIP TO w4q19a)
8   Don’t know (SKIP TO w4q19a)
7   Refused (SKIP TO w4q19a)
**w4q18(a-f)c**  What grade (did you/do you expect to) earn?  

*(USE CODES GIVEN BELOW FOR q18(a-f)c)*  

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<td>25</td>
<td>Distinction</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
</tbody>
</table>
COLLEGE MAJOR AND ADVANCED DEGREES

w4q19a  What is your major?
(USE CODES GIVEN IN APPENDIX C)

w4q19b  At this point in your college career, what is the highest degree you expect to obtain?

1  Less Than BA/BS (SKIP TO w4q19d)
2  BA/BS (SKIP TO w4q19d)
3  MA or equivalent (MBA, MPH, MSW, etc.)
4  Ph.D
5  MD, LLD, or equivalent
8  Don’t know (SKIP TO w4q19d)
7  Refused (SKIP TO w4q19d)

w4q19c  In what area or field of study do you wish to obtain an advanced degree?
(USE CODES GIVEN IN APPENDIX C)

RACIAL SEPARATION ON COLLEGE CAMPUS

w4q19d  How would you characterize the degree of racial separation on the campus of (NAME OF MOST RECENT COLLEGE ATTENDED)?

Would you say it is:

1  very little,
2  slight,
3  some,
4  substantial, or
5  very substantial?
8  Don’t Know
7  Refused
SUMMER JOBS AND EMPLOYMENT

**w4q20_a** I would now like to ask you some questions about your summer activities since entering college and your plans for this summer.

What did you do the summer after your first year in college?

Took classes on campus

(USE CODES GIVEN BELOW FOR q20_a-g)

1  Mentioned
0  Not mentioned

**w4w20_b** Took classes at another school

**w4q20_c** Full-time job

**w4q20_d** Part-time job

**w4q20_e** Paid internship (INCLUDE SUMMER RESEARCH ON CAMPUS)

**w4q20_f** Unpaid internship

**w4q20_g** Traveled

**w4q20_h** Other

1  Mentioned
0  Not mentioned

**w4q20_s** Other Mention

1  Went home/home with family and friends
2  Volunteered
3  Drama/music/acting/dancing
4  Played sports/Coached Sports
5  Relaxed/Nothing/Hanging out
6  Sick/Injured/Hospital
7  School program/Conference/Orientation
8  Military training/ROTC
9  Study abroad/exchange student
77  Other (Unable to recode up)
w4q21 Did you have a job or internship last summer?

1 Yes
5 No (SKIP TO w4q22a)
8 Don’t Know (SKIP TO w4q22a)
7 Refused (SKIP TO w4q22a)

w4q21b What were your main job duties?

(USE APPENDIX E – OCCUPATION CODES FROM U.S. CENSUS 1990 ALPHABETICAL INDEX OF INDUSTRIES & OCCUPATIONS)

w4q21c_a How much were you paid?

Amount

0 Not paid (SKIP TO w4q21d)
1-50000 $1 to $50,000 Dollars
9999998 Don’t know (SKIP TO w4q21d)
9999997 Refused (SKIP TO w4q21d)

w4q21c_c Cents

0-99

w4q21c_u Per Unit

1 Hour
2 Week
3 Bi-weekly
4 Month
5 Year
6 Lump sum

w4q21d How did you find out about the job?

1 Responded to an ad (newspaper or internet)
2 Career services at school
3 Posted resume on internet job matching site
4 Job placement service (not school related)
5 Parent or friends of the family
6 Parents’ coworker or boss
7 Professor from college
8 Friend from college
9 Parent of a college friend
10 Coworkers from a previous job
11 Other (SPECIFY) (Recode up if possible)
12 Walk in/Applied  
13 Relative  
14 Previously worked there  
15 Friend/Neighbor  
16 Coach/Counselor/Mentor/Teacher/Advisor  
17 Recruiter came to you  
18 Internship lead to job  
19 Created job  
20 Networking/Word of mouth  
21 High School  
22 Summer Camp  
77 Other, (Unable to recode)  
98 Don’t know  
97 Refused

w4q21e  How often were you in direct contact with this person, either in person, by phone, or e-mail, prior to getting the job? Was it:

1 almost every day,  
2 a few times a week,  
3 a few times a month,  
4 every few months,  
5 a few times a year,  
6 once a year, or  
7 never?  
98 Don’t Know  
97 Refused

w4q22a  Do you have a job or internship lined up for this summer?

1 Yes (SKIP TO w4q23)  
5 No  
8 Don’t Know (SKIP TO w4q23)  
7 Refused (SKIP TO w4q23)

w4q22b  Are you planning to get a job or do an internship this summer?

1 Yes  
5 No  
8 Don’t Know  
7 Refused
LIVING ARRANGEMENTS

w4q23  In which of the following do you presently live:

1  an on-campus dormitory,
2  an off-campus dormitory,
3  an on-campus apartment,
4  an off-campus apartment,
5  a (fraternity/sorority) house (SKIP TO w4q25)
6  with your parents (SKIP TO w4q29a)
7  with another relative (SKIP TO w4q29a)
77  what is your living arrangement? (SKIP TO w4q25)
8  an on-campus house/co-op (not a dorm or apartment) (SKIP TO w4q25)
9  an off-campus house/co-op (not a dorm or apartment) (SKIP TO w4q25)
10  Host family (SKIP TO w4q25)
11  Co-op/Cooperative (unable to determine on or off-campus) (SKIP TO w4q25)
98  Don’t Know (SKIP TO w4q25)
97  Refused (SKIP TO w4q25)

w4q24  Do you presently live in a “theme” dorm or apartment, such as one devoted to a foreign language or cultural orientation?

1  Yes
5  No (SKIP TO w4q25)
8  Don’t Know (SKIP TO w4q25)
7  Refused (SKIP TO w4q25)

w4q24a  What is the theme or orientation? (USE CODES GIVEN FOR APPENDIX F)

98  Don’t Know
97  Refused

w4q25_a  With how many others do you share your (dorm room/apartment/house/living arrangement)?

0  None (SKIP TO w4q26)
1-50  People
98  Don’t Know (SKIP TO w4q26)
97  Refused (SKIP TO w4q26)

w4q25_b  How many are White?

0-50  People
98  Don’t Know
97  Refused
**w4q25_c** How many are Asian?

0-50 People
98 Don’t Know
97 Refused

**w4q25_d** How many are Black?

0-50 People
98 Don’t Know
97 Refused

**w4q25_e** How many are Hispanic?

0-50 People
98 Don’t Know
97 Refused

**w4q25_f** What is this person’s race or ethnicity?

1 White
2 Asian
3 Black
4 Hispanic
5 Other
98 Don’t Know
97 Refused

**w4q26** Is there someplace in your(dorm room/apartment/house/living arrangement) where you can be alone to read or study?

1 Yes
5 No
8 Don’t Know
7 Refused

**w4q27a** In the (dorm room/apartment/house/living arrangement) where you now live, how often have the following things occurred?

I was trying to study, but was distracted by talking or conversation.

Did this occur:

(USE CODES BELOW FOR w4q27a-j)

0 never,
2 sometimes,
3 often, or
4 very often?
8 Don’t Know
7 Refused

w4q27b I was trying to study, but was distracted by someone playing a stereo.
w4q27c I was trying to study, but was distracted by someone watching TV.
w4q27d I was trying to study, but was distracted by friends partying.
w4q27e I was trying to study, but friends talked me into going out.
w4q27f I had to leave home to get my school work done.
w4q27g I stayed late at the library to avoid going home.
w4q27h I had conflicts with my roommate(s) or housemate(s).
w4q27i I felt lonely and homesick.
w4q27j I felt like I just wanted to get away from campus for a while.

w4q28a Between the start of school in the Fall and the beginning of Christmas vacation, how many trips away from campus did you take?

<table>
<thead>
<tr>
<th>Answer</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None (SKIP TO w4q29a)</td>
</tr>
<tr>
<td>1-20</td>
<td>Times</td>
</tr>
<tr>
<td>98</td>
<td>Don’t know (SKIP TO w4q29a)</td>
</tr>
<tr>
<td>97</td>
<td>Refused (SKIP TO w4q29a)</td>
</tr>
</tbody>
</table>

w4q28b How many total days did you spend (away from campus) on (that visit/these visits)?

<table>
<thead>
<tr>
<th>Answer</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-100</td>
<td>Days</td>
</tr>
<tr>
<td>998</td>
<td>Don’t know</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
</tbody>
</table>
USE OF TIME (WEEKLY ACTIVITIES IN COLLEGE)

w4q29a  Now I want you to consider the last week, from Monday through Friday, on which classes were held at (NAME OF MOST RECENT COLLEGE ATTENDED). Please estimate the total number of hours that you spent:

Attending class or lab?

(USE CODES GIVEN BELOW FOR w4q29a-r)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>None/No hours</td>
</tr>
<tr>
<td>1-120</td>
<td>Hours</td>
</tr>
<tr>
<td>998</td>
<td>Don’t Know</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
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</tbody>
</table>

w4q29b  Studying or doing research alone?

w4q29c  Studying or doing research with other students?

w4q29d  Meeting with professors?

w4q29e  Doing extracurricular activities?

w4q29f  Watching television?

w4q29g  Using your computer for the internet, email, or chatting?

w4q29h  Listening to music?

w4q29i  Reading, writing, or drawing for pleasure?

w4q29j  Working for pay?

w4q29k  Doing volunteer work in the community?

w4q29l  Playing or practicing sports?

w4q29m  Attending a sporting event?

w4q29n  Attending parties?

w4q29o  Socializing with friends (other than at parties)?

w4q29p  Sleeping?

w4q29q  Running errands, grocery shopping, general shopping, or keeping appointments not related to school?
**w4q29r**  Eating?

**w4q29_r**  Doing something else?

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>None/No hours (SKIP TO w4q30a)</td>
</tr>
<tr>
<td>1-120</td>
<td>Hours</td>
</tr>
<tr>
<td>998</td>
<td>Don’t Know (SKIP TO w4q30a)</td>
</tr>
<tr>
<td>997</td>
<td>Refused (SKIP TO w4q30a)</td>
</tr>
</tbody>
</table>

**w4q29_rs**  What else (SPECIFY)?

<table>
<thead>
<tr>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Grooming (showering, dressing, etc)</td>
</tr>
<tr>
<td>2</td>
<td>Relaxing (on phone, nothing, resting, movies, sightseeing, etc.)</td>
</tr>
<tr>
<td>3</td>
<td>Exercising, working out</td>
</tr>
<tr>
<td>4</td>
<td>Social Action (protesting, campaigning, etc.)</td>
</tr>
<tr>
<td>5</td>
<td>Job Search Activities (applications, resumes, etc.)</td>
</tr>
<tr>
<td>6</td>
<td>Religious Activities</td>
</tr>
<tr>
<td>7</td>
<td>Music/Dance/Drama related activity (active participant)</td>
</tr>
<tr>
<td>8</td>
<td>Traveling/In transit</td>
</tr>
<tr>
<td>9</td>
<td>Chores/Cleaning/Washing dishes/Washing clothes</td>
</tr>
<tr>
<td>10</td>
<td>Internship</td>
</tr>
<tr>
<td>777</td>
<td>One other activity</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Don’t Know</td>
</tr>
<tr>
<td>999</td>
<td>Missing</td>
</tr>
</tbody>
</table>

**w4q30a**  Now, please think about the most recent weekend between two weeks when classes were being held and you were on campus. Beginning on Saturday morning and continuing through Sunday night, about how many hours did you spend:

**Attending class or lab?**

(USE CODES GIVEN BELOW FOR w4q30a-r)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>1-48</td>
<td>Hours</td>
</tr>
<tr>
<td>998</td>
<td>Don’t Know</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
</tbody>
</table>

**w4q30b**  Studying or doing research alone?

**w4q30c**  Studying or doing research with other students?
<table>
<thead>
<tr>
<th>Question</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>w4q30d</td>
<td>Meeting with professors?</td>
</tr>
<tr>
<td>w4q30e</td>
<td>Doing extracurricular activities?</td>
</tr>
<tr>
<td>w4q30f</td>
<td>Watching television?</td>
</tr>
<tr>
<td>w4q30g</td>
<td>Using your computer for the internet, email, or chatting?</td>
</tr>
<tr>
<td>w4q30h</td>
<td>Listening to music?</td>
</tr>
<tr>
<td>w4q30i</td>
<td>Reading, writing, or drawing for pleasure?</td>
</tr>
<tr>
<td>w4q30j</td>
<td>Working for pay?</td>
</tr>
<tr>
<td>w4q30k</td>
<td>Doing volunteer work in the community?</td>
</tr>
<tr>
<td>w4q30l</td>
<td>Playing or practicing sports?</td>
</tr>
<tr>
<td>w4q30m</td>
<td>Attending a sporting event?</td>
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<td>w4q30n</td>
<td>Attending parties?</td>
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<td>w4q30o</td>
<td>Socializing with friends (other than at parties)?</td>
</tr>
<tr>
<td>w4q30p</td>
<td>Sleeping?</td>
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<td>w4q30q</td>
<td>Running errands, grocery shopping, general shopping, or keeping appointments not related to school</td>
</tr>
<tr>
<td>w4q30r</td>
<td>Eating?</td>
</tr>
<tr>
<td>w4q30_s</td>
<td>Doing something else?</td>
</tr>
<tr>
<td>w4q30_ss</td>
<td>What else (SPECIFY)?</td>
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</table>

<table>
<thead>
<tr>
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<tbody>
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<tr>
<td>1-48</td>
<td>Hours</td>
</tr>
<tr>
<td>998</td>
<td>Don’t Know (SKIP TO w4q31)</td>
</tr>
<tr>
<td>997</td>
<td>Refused (SKIP TO w4q31)</td>
</tr>
<tr>
<td>1</td>
<td>Grooming (showering, dressing, etc)</td>
</tr>
<tr>
<td>2</td>
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<td>Religious Activities</td>
</tr>
</tbody>
</table>
7 Music/Dance/Drama related activity  
   (active participant)  
8 Traveling/In transit  
9 Chores/Cleaning/Washing dishes/Washing 
   clothes  
10 Internship  
777 One other activity  
997 Refused  
998 Don’t Know  
999 Missing
MENTORING QUESTIONS

w4q31  Looking back over your high school years, was there anyone besides your parents or the person who raised you who served as a role model, guide, and source of encouragement and inspiration, in other words, a mentor?

1   Yes
5   No (SKIP TO w5q34)
8   Don’t know (SKIP TO w5q34)
7   Refused (SKIP TO w5q34)

w4q32a  I’d like you to think about the most significant mentor you had during that time. What was this person’s primary relationship to you? Was this person:

1   a mentor from a formal mentoring program,
2   a relative,
3   a neighbor,
4   a family friend,
5   a teacher
6   a high school counselor
7   a spiritual or religious leader
8   an extracurricular or summer program staff,
9   a friend,
10  an employer,
12  a coach,
13  a house/dorm parent, or
77  someone else? (SPECIFY)
98  Don’t know
97  Refused

w4q32b  What was your mentor’s gender?

1   Male
5   Female

w4q32c  What was your mentor’s ethnicity or race?

1   White
2   Black/African American
3   Hispanic
4   Asian
5   Bi-racial (SPECIFY)
7   Native American
77  Some other race (SPECIFY)
98  Don’t know
97  Refused
w4q32d  To the best of your knowledge, what is the highest level of education that your mentor has completed?

0    None
1-8  Elementary
9-11 Some high school
12   High school graduate or GED
13-15 Some college
16   College graduate
17   Some graduate school
18   Graduate or professional degree
98   Don’t know
97   Refused

w4q32e  To the best of your knowledge, what type of work does this person do?
(SEE APPENDIX E – OCCUPATION CODES)

777   Other (SPECIFY)

w4q33a  On a scale of zero to 10, where zero indicates total disagreement and 10 indicates total agreement, how much do you disagree or agree with each of the following statements about your high school mentor?

My mentor believed in me.
(USE CODES GIVEN BELOW FOR w4q33a-h)

0    Total Disagreement
1-9
10   Total Agreement
98   Don’t Know
97   Refused

w4q33b  My mentor made me believe in myself.

w4q33c  My mentor gave me the confidence to attend college.

w4q33d  My mentor exposed me to new activities.

w4q33e  My mentor helped me with my schoolwork.

w4q33f  My mentor taught me new skills.

w4q33g  My mentor exposed me to new types of people.

w4q33h  My mentor provided me with financial help.
w4q34 Now, in college, is there anyone besides your parents or the person who raised you who serves as a mentor, that is, a role model, guide, and source of encouragement and inspiration?

1 Yes
5 No
8 Don’t know
7 Refused
LIFE ON CAMPUS (EXTRACURRICULAR GROUP INVOLVEMENT)

w4q35  Many people are involved in some sort of activity or group while they are in college. Are you involved in any extracurricular groups or activities?

1  Yes
5  No (SKIP TO w4q36)
8  Don’t know (SKIP TO w4q36)
7  Refused (SKIP TO w4q36)

w4q35a_2  Group2 Name Given

1  Group2 name given
0  No second group

w4q35a1  What is the main function of (GROUP1).

1  Varsity or junior varsity sports
2  Intramural sports or sports club
3  Social (fraternity or sorority)
4  Political/Social awareness, including environmental
5  Social service outreach
6  Career development group
7  Religious group
8  Music, Arts, or Theater group
9  Foreign language group
10  Race/Ethnic interest
11  Sex or gender issues
12  Gay/Lesbian/Transgendered issues
13  Honors fraternity or sorority
14  Other type of group (SPECIFY)
98  Don’t know
97  Refused
99  Missing

w4q35a1r  Race of (GROUP1).

1  White
2  Black/African American
3  Hispanic
4  Asian
5  Bi-racial
77  Other race
95  No group reference in function or name  
98  Don’t know  
97  Refused  

**w4q35b1**  Of what race or ethnicity are most of (GROUP1)’s members?  
1  White  
2  Black/African American  
3  Hispanic  
4  Asian  
5  Bi-racial  
6  Other race  
8  Don’t know  
7  Refused  

**w4q35c1**  How often do you interact with (GROUP1) members in a formal setting for group meetings, events, etc.? Is it:  
1  every day,  
2  almost every day,  
3  once a week,  
4  a couple times a month, or  
5  once a month?  
8  Don’t know  
7  Refused  

**w4q35d1**  How often do you interact with (GROUP1) members informally, around the dorm, dining hall, or just hanging out? (Is it:)  
1  Every day  
2  Almost every day  
3  Once a week  
4  A couple times a month  
5  Once a month  
6  Never  
8  Don’t know  
7  Refused  

**w4q35a2**  What is the main function of (GROUP2)?  
1  Varsity or junior varsity sports  
2  Intramural sports or sports club  
3  Social (fraternity or sorority)  
4  Political/Social awareness, including environmental  
5  Social service outreach  
6  Career development group
7  Religious group
8  Music, Arts, or Theater group
9  Foreign language group
10 Race/Ethnic interest
11 Sex or gender issues
12 Gay/Lesbian/Transgendered issues
13 Honors fraternity or sorority
14 Other type of group (SPECIFY)
98  Don’t know (SKIP TO w4q35b2)
97  Refused (SKIP TO w4q35b2)
99  Missing (SKIP TO w4q35b2)

w4q35a2r  Race of (GROUP2).

1  White
2  Black/African American
3  Hispanic
4  Asian
5  Bi-racial
77  Other race
95  No group reference in function of name
98  Don’t know
97  Refused

w4q35b2  Of what race or ethnicity are most of the group's members? (GROUP2)

1  White
2  Black/African American
3  Hispanic
4  Asian
5  Bi-racial
77  Other race
98  Don’t know
97  Refused

w4q35c2  How often do you interact with (GROUP2) members in a formal setting for group meetings, events, etc.? Is it:

1  every day,
2  almost every day,
3  once a week,
4  a couple times a month, or
5  once a month?
8  Don’t know
7  Refused
w4q35d2  How often do you interact with (GROUP2) members informally around the dorm, dining hall, or just hanging out? (Is it:)

1  Every day
2  Almost every day
3  Once a week
4  A couple times a month
5  Once a month
6  Never
8  Don’t know
7  Refused
ASSESSMENT OF ACADEMIC SITUATION

w4q36  Now I would like to ask you some questions about how you are doing at school.

   On a scale of zero to 10, where zero indicates no effort at all and 10 indicates the maximum possible effort, how hard would you say you have been trying to succeed academically during your current year of college?


0     No effort
1-9
10   Maximum effort
98   Don’t know
97   Refused

w4q37a  How much do you disagree or agree with each of the following statements about college?

   I am doing less well in college than I would like.

(USE CODES GIVEN BELOW FOR w4q37a-e)


1   Strongly disagree
2   Disagree somewhat
3   Neither agree nor disagree
4   Agree somewhat
5   Strongly agree
8   Don’t Know
7   Refused

w4q37b  I am having problems with my financial aid.

w4q37c  I am having problems at home with a family member.

w4q37d  I have too little time to do school work.

w4q37e  I have too little time to do things in the community.

w4q38  On a scale of zero to 10, where zero indicates no confidence at all and 10 indicates the maximum possible confidence, how much confidence would you say you have in your academic abilities?

(USE CODES GIVEN BELOW FOR w4q38-w4q39f)


0     No confidence at all
1-9
10   Maximum possible confidence
98   Don’t know
97   Refused
w4q39a Using the same scale, how much confidence do you have in your abilities in the following subjects:

   English?

w4q39b History?

w4q39c Mathematics?

w4q39d Natural Sciences?

w4q39e Social Sciences?

w4q39f Foreign Languages?
INTERFERING PROBLEMS (LIFE EVENTS IN PAST YEAR)

**w4q40a**  Lots of things may happen in families to affect young people. In the last 12 months, have any of the following happened within your family?

- My parents got divorced or separated.
- A parent lost a job.
- A member of my immediate family went on public assistance.
- A member of my immediate family was the victim of crime.
- A member of my immediate family got into trouble with the law.
- A member of my immediate family became seriously ill or disabled.
- A member of my immediate family died.
- A member of my extended family died.
- A close friend died.

(USE CODES GIVEN BELOW FOR q40a-i)

1  Yes
5  No
8  Don’t know
7  Refused
FINANCIAL MATTERS

w4q41  About how much money do you think you will need to attend college this academic years, including tuition, academic fees, room and board, and your daily expenses for living and entertainment?

  0   Nothing (SKIP TO w4q43)
  1-200000   Dollars
  s   Other Amount (SPECIFY)
  999998   Don’t Know
  999997   Refused

w4q42_a  Of the (DOLLARS/money), how much will be funded from each of the following sources?

  Parental contributions?
  (USE CODES GIVEN BELOW FOR w4q42_a-i)

  0-155000   Dollars
  999998   Don’t Know
  999997   Refused

w4q42_b  Contributions from other family members?

w4q42_c  A grant or fellowship from the university?

w4q42_d  A grant or fellowship from another funding source or agency?

w4q42_e  A student loan?

w4q42_f  Personal savings?

w4q42_g  Earnings from a work-study job?

w4q42_h  Earnings from other work?

w4q42_i  Of the (money/DOLLARS), how much will be funded from other sources?

w4sumq42  Total Amount From w5q42_a through w5q42_i

  0-155000   Dollars
w4q43  At any time during the current academic year, have you held a job in which you worked for pay?

1  Yes
5  No (SKIP TO w4q44)
8  Don’t know (SKIP TO w4q44)
7  Refused (SKIP TO w4q44)

w4q43a  Since the day that classes began last Fall, about how many weeks have you worked for pay?

1-45  Weeks
95  All of them
98  Don’t know
97  Refused

w4q43b  During that time, about how many hours per week did you work, on average?

1-60  Hours
98  Don’t know
97  Refused

w4q43c_dol  How much do you earn per hour working at your job?

Dollars

1-60  Dollars
998  Don’t know
997  Refused

w4q43c_cnt  Cents

0-99

w4q43d  Are you required to work as part of your school’s financial aid package?

1  Yes
5  No
8  Don’t know
7  Refused

w4q43e  (Apart from financial aid requirements/Do) you feel it is necessary to work to finance your college education?

1  Yes
5  No
8  Don’t know
7  Refused
PERCEPTIONS OF PREJUDICE

w4q44  Now I would like to ask you a few questions about your perceptions of race relations on campus during the current academic year.

Since the beginning of the Fall Term, how often, if ever, have you felt uncomfortable or self-conscious because of your race or ethnicity?  (Has it been:)
(USE FOLLOWING CODE FOR w4q44-49)

1   Never
2   Rarely
3   Sometimes
4   Often
5   Very often
8   Don’t Know
7   Refused
9   Studying abroad entire current academic year

(IF STUDYING ABROAD FOR A PORTION OF THE CURRENT ACADEMIC YEAR, ANSWER FOR PERCEPTIONS OF AMERICAN CAMPUS ONLY.)

w4q45  How often, if ever, have you been made to feel uncomfortable or self-conscious walking around campus because of your race or ethnicity?

w4q46  How often, if ever, have you heard derogatory remarks made about your racial or ethnic group?

w4q47  How often, if ever, have you experienced harassment from members of your own racial or ethnic group because you interacted or associated with members of some other group?

w4q48  How often, if ever, have you felt you were given a bad grade by a professor because of your race or ethnicity?

w4q49  How often, if ever, have you felt you were discouraged by a professor from speaking out in class or from a course of study because of your race or ethnicity?

w4q50a  On a scale from zero to 10, with zero indicating no agreement and 10 indicating complete agreement, please answer the following.

Overall, being (race/ethnicity) has very little to do with how I feel about myself.
(USE CODES GIVEN FOR w4q50a-h)
0   No agreement
1-9
10  Complete Agreement
98  Don’t know
97  Refused

w4q50b  In general, being (race/ethnicity) is an important part of my self-image.

w4q50c  My destiny is tied to the destiny of other (race/ethnicity) people.

w4q50d  Being (race/ethnicity) is unimportant to my sense of what kind of person I am.

w4q50e  I have a strong sense of belonging to (race/ethnicity) people.

w4q50f  I have a strong attachment to other (race/ethnicity) people.

w4q50g  Being (race/ethnicity) is an important reflection of who I am.

w4q50h  Being (race/ethnicity) is not a major factor in my social relationships.

w4q51a  (On a scale from zero to 10, with zero indicating no agreement and 10 indicating complete agreement:)

(Race/Ethnicity) who espouse separatism are as racist as White people who also espouse separatism.
(USE CODES GIVEN FOR w4q51a-i)

0   No agreement
1-9
10  Complete Agreement
98  Don’t know
97  Refused

w4q51b  A sign of progress is that (race/ethnicity)(s) are in the mainstream of America more than every before.

w4q51c  Because America is predominantly White, it is important that (race/ethnicity)(s) go to White schools so that they can gain experience interacting with Whites.

w4q51d  (Race/Ethnicity)(s) should strive to be full members of the American political system.

w4q51e  (Race/Ethnicity)(s) should try to work within the system to achieve their political and economic goals.

w4q51f  (Race/Ethnicity)(s) should strive to integrate all institutions which are segregated.
w4q51g  (Race/Ethnicity)(s) should feel free to interact socially with White people.

w4q51h  (Race/Ethnicity)(s) should view themselves as being Americans first and foremost.

w4q51i  The plight of (race/ethnicity) in America will improve only when (race/ethnicity)(s) are in important positions within the system.

w4q52a  (On a scale from zero to 10, with zero indicating no agreement and 10 indicating complete agreement:)

   It is important for (race/ethnicity) people to surround their children with (race/ethnicity) art, music and literature.

   (USE CODES GIVEN FOR w4q52a-i)

      0   No agreement
      1-9
     10  Complete Agreement
      98  Don’t know
      97  Refused

w4q52b  (Race/Ethnicity) people should not marry interracially.

w4q52c  (Blacks/Race/Ethnicity) would be better off if they adopted (Afrocentric values that is), traditional customs and beliefs specific to people of (African/race/ethnicity) descent.

w4q52d  (Race/Ethnicity) students are better off going to schools that are controlled and organized by (race/ethnicity).

w4q52e  (Race/Ethnicity) people must organize themselves into a separate (race/ethnicity) political force.

w4q52f  Whenever possible, (race/ethnicity) should buy from other (race/ethnicity) businesses.

w4q52g  A thorough knowledge of (race/ethnicity) history is very important for (race/ethnicity)(s) today.

w4q52h  (Race/Ethnicity)(s) and Whites can never live in true harmony because of racial differences.

w4q52i  White people can never be trusted where (race/ethnicity)(s) are concerned.
ROMANTIC RELATIONSHIPS

w4q53a  Now I have some questions on another topic. Have you been on any dates since the school year began?

1  Yes
5  No (SKIP TO w4q56)
8  Don’t know (SKIP TO w4q56)
7  Refused (SKIP TO w4q56)

w4q53b  How many dates have you been on?

1-500  Dates
998  Don’t know
997  Refused

w4q53c  How many of these dates have been with people whom you have met on campus?

1-500  Dates
998  Don’t know
997  Refused

w4q53d  Have you dated anyone outside of your race or ethnic group?

1  Yes
5  No (SKIP TO w4q55a)
8  Don’t know (SKIP TO w4q55a)
7  Refused (SKIP TO w4q55a)

w4q53e_w  What other group members have you dated?

Whites?
(USE CODES GIVEN BELOW FOR w4q53e_w-o)

1  Yes
5  No
8  Don’t know
7  Refused

w4q53e_b  Blacks?

w4q53e_h  Hispanics?

w4q53e_a  Asians?

w4q53e_o  Some other group?
w4q53e_s  What other group?  

7 Native American  
77 Other (SPECIFY)  
95 Biracial  

w4q54a  How often have you suffered negative reactions from friends or acquaintances because you dated someone from another racial or ethnic group? Was it:  
(USE CODES GIVEN BELOW FOR w4q54a-e)  

1 never,  
2 sometimes,  
3 often, or  
4 very often?  
8 Don’t Know  
7 Refused  

w4q54b  How often have you suffered negative reactions because you dated someone from another racial or ethnic group? (Was it:)  
From family members?  

w4q54c  From strangers in your own group?  

w4q54d  From strangers in your partner’s group?  

w4q54e  From other strangers?  

w4q55a  Do you currently have a steady romantic partner?  

1 Yes  
5 No (SKIP TO w4q56)  
8 Don’t know (SKIP TO w4q56)  
7 Refused (SKIP TO w4q56)  

w4q55b  Did you meet this person on campus?  

1 Yes  
5 No  
8 Don’t know  
7 Refused  

w4q55c  Is this person a different race or ethnicity than you?  

1 Yes  
5 No (SKIP TO w4q56)
8  Don’t know (SKIP TO w4q56)
7  Refused (SKIP TO w4q56)

w4q55d  What is your partner’s race or ethnicity?

1  White
2  Black/African-American
3  Hispanic
4  Asian
7  Native American
77  Other (SPECIFY)
95  Biracial
98  Don’t know
97  Refused
PERSONAL HEALTH

w4q56  We would now like to ask you some questions about your health.

In general, how is your health? Would you say:

1  excellent,
2  very good,
3  good,
4  fair, or
5  poor?
6  Don’t Know
7  Refused

w4q57a  Has there been any time over the past year when you thought you should get medical care, but you did not?

1  Yes
5  No (SKIP TO w4q58)
8  Don’t know (SKIP TO w4q58)
7  Refused (SKIP TO w4q58)

w4q57b_a  What kept you from seeing a health professional when you really needed to?

Didn’t know whom to go see
(USE CODES GIVEN BELOW FOR w4q57b_a-k)

1  Mentioned
0  Not mentioned

w4q57b_b  Had no transportation

w4q57b_c  No one available to go along

w4q57b_d  Parent or guardian would not go

w4q57b_e  Didn’t want parents to know

w4q57b_f  Difficult to make appointment

w4q57b_g  Afraid of what the doctor would say or do

w4q57b_h  Thought the problem would go away

w4q57b_i  Couldn’t pay
w4q57b_j  Concerns about student health
w4q57b_k  Some other reason

w4q58  In the last month, how often did a health or emotional problem cause you to miss a day of school? Was it:

0  never,
1  once,
2  just a few times,
3  about once a week,
4  almost every day, or
5  every day?
8  Don’t know
7  Refused

w4q59  In the last month, how often did a health or emotional problem cause you to miss a social or recreational activity? (Was it):

0  Never
1  Once
2  Just a few times
3  About once a week
4  Almost every day
5  Every day
8  Don’t know
7  Refused

w4q60_f  What is your height in feet and inches?

Feet

3-7  Feet
98  Don’t know (SKIP TO w4q61)
97  Refused (SKIP TO w4q61)

w4q60_i  Inches

0-11  Inches

w4q61  What is your weight in pounds?

50-500  Lbs
998  Don’t know
997  Refused
These questions will ask you about how you feel in general. How often was each of the following things true during the past week?

You were bothered by things that usually don’t bother you. Was it:

(USE CODES GIVEN BELOW FOR w4q62a-s)

0  never,
1  rarely,
2  sometimes,
3  often, or
4  all of the time?
8  Don’t Know
7  Refused

You didn’t feel like eating, your appetite was poor.

You felt that you could not shake off the blues, even with help from your family and your friends.

You felt like you were just as good as other people?

You had trouble keeping your mind on what you were doing.

You felt depressed.

You felt that you were too tired to do things.

You felt hopeful about the future.

You thought your life had been a failure.

You felt fearful.

You were happy.

You talked less than usual.

You felt lonely.

People were unfriendly to you.

You enjoyed life.

You felt sad.
w4q62q  You felt that people disliked you.

w4q62r  It was hard to get started doing things.

w4q62s  You felt like life was not worth living.

APPENDIX B: COLLEGE DEPARTMENT
APPENDIX C: COLLEGE MAJOR
APPENDIX E: OCCUPATION CODES FROM U.S. CENSUS 1990
    ALPHABETICAL INDEX OF INDUSTRIES & OCCUPATIONS
APPENDIX F: DORM THEME OR ORIENTATION
African American Studies  Religion/Theology
Anthropology/Archaeology  Sociology
Art History/Fine Arts/Visual Arts  Spanish
Athletics/Physical Education/Kinesiology  Theater/Radio, Television/Film/Drama
Biology/Human Biology  Womens Studies
Business & Management  Engineering, all
Chemistry  Foreign Languages/Other or Unspecified
Criminal Justice  Romance Languages
Computer/Information Science  Science, Other or Unspecified
Economics  Nursing
English/Comparative Literature/Literature  Asian/Near-Eastern and Middle Eastern Studies
Finance  Arts and Sciences/Arts and Letters
Geography  (Unspecified)
History  Urban Studies
Journalism  Legal Studies
Mathematics/Statistics  Communications/Linguistics/ Speech
Music/Dance  Classical Studies
Philosophy  Linguistics/Speech
Political Science  Social Sciences, Other or Unspecified
Physics  Education
Psychology

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## COLLEGE MAJOR (q19A & q19C)

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NATIONAL LONGITUDINAL SURVEY OF FRESHMEN
SPRING 2002 CATI INTERVIEW (WAVE4)
APPENDIX E

OCCUPATION CODES FROM U.S. CENSUS 1990 ALPHABETICAL INDEX
OF INDUSTRIES & OCCUPATION (q11a, q21b & q32e)
This page presents the 1990 census occupational classification system recorded in the IPUMS variable OCC. The page shows each occupation category and its corresponding OCC code. The occupations are organized into several large groupings of roughly descending socioeconomic status (e.g., professionals). In addition to this contemporary system, the IPUMS codes all census years into the 1950 occupation classification scheme, recording them in the variable OCC1950. The OCC1950 classification has corresponding income and status measures recorded in the variables SEI and OCCSCORE. The census occupation classification system changed markedly in 1980, so the correspondence of 1990 (and 1980) occupations to the 1950 categories is more problematic than for earlier census years.

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

Executive, Administrative, and Managerial Occupations
003 Legislators
004 Chief executives and general administrators, public administration
005 Administrators and officials, public administration
006 Administrators, protective services
007 Financial managers
008 Personnel and labor relations managers
009 Purchasing managers
013 Managers, marketing, advertising, and public relations
014 Administrators, education and related fields
015 Managers, medicine and health
016 Postmasters and mail superintendents
017 Managers, food serving and lodging establishments
018 Managers, properties and real estate
019 Funeral directors
021 Managers, service organizations, n.e.c.

FARMING, FORESTRY, AND FISHING OCCUPATIONS

MILITARY OCCUPATIONS

TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS

PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS

EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION

SERVICE OCCUPATIONS

OPERATORS, FABRICATORS, AND LABORERS

NOT APPLICABLE
000 N/A (not applicable)

022 Managers and administrators, n.e.c.

Management Related Occupations:
- 023 Accountants and auditors
- 024 Underwriters
- 025 Other financial officers
- 026 Management analysts
- 027 Personnel, training, and labor relations specialists
- 028 Purchasing agents and buyers, farm products
- 029 Buyers, wholesale and retail trade, except farm products
- 033 Purchasing agents and buyers, n.e.c.
- 034 Business and promotion agents
- 035 Construction inspectors
- 036 Inspectors and compliance officers, except construction
- 037 Management related occupations, n.e.c.

Professional Specialty Occupations

Engineers, Architects, and Surveyors:
- 043 Architects

Engineers:
- 044 Aerospace
- 045 Metallurgical and materials
- 046 Mining
- 047 Petroleum
- 048 Chemical
- 049 Nuclear
- 053 Civil
- 054 Agricultural
- 055 Electrical and electronic
- 056 Industrial
- 057 Mechanical
- 058 Marine and naval architects
- 059 Engineers, n.e.c.
- 063 Surveyors and mapping scientists

Mathematical and Computer Scientists:
- 064 Computer systems analysts and scientists
- 065 Operations and systems researchers and analysts
- 066 Actuaries
- 067 Statisticians
- 068 Mathematical scientists, n.e.c.

Natural Scientists:
- 069 Physicists and astronomers
- 072 Chemists, except biochemists
- 074 Atmospheric and space scientists
- 075 Geologists and geodesists
- 076 Physical scientists, n.e.c.
- 077 Agricultural and food scientists
- 078 Biological and life scientists
- 079 Forestry and conservation scientists
- 083 Medical scientists

Health Diagnosing Occupations:
- 084 Physicians
085 Dentists
086 Veterinarians
087 Optometrists
088 Podiatrists
089 Health diagnosing practitioners, n.e.c.

**Health Assessment and Treating Occupations:**
095 Registered nurses
096 Pharmacists
097 Dietitians

**Therapists:**
098 Respiratory therapists
099 Occupational therapists
103 Physical therapists
104 Speech therapists
105 Therapists, n.e.c.
106 Physicians' assistants

**Teachers, Postsecondary:**
113 Earth, environmental, and marine science teachers
114 Biological science teachers
115 Chemistry teachers
116 Physics teachers
117 Natural science teachers, n.e.c.
118 Psychology teachers
119 Economics teachers
123 History teachers
124 Political science teachers
125 Sociology teachers
126 Social science teachers, n.e.c.
127 Engineering teachers
128 Mathematical science teachers
129 Computer science teachers
133 Medical science teachers
134 Health specialties teachers
135 Business, commerce, and marketing teachers
136 Agriculture and forestry teachers
137 Art, drama, and music teachers
138 Physical education teachers
139 Education teachers
143 English teachers
144 Foreign language teachers
145 Law teachers
146 Social work teachers
147 Theology teachers
148 Trade and industrial teachers
149 Home economics teachers
153 Teachers, postsecondary, n.e.c.
154 Postsecondary teachers, subject n.s.

**Teachers, Except Postsecondary:**
155 Teachers, prekindergarten and kindergarten
156 Teachers, elementary school
157 Teachers, secondary school
158 Teachers, special education
159 Teachers, n.e.c.
163 Counselors, educational and vocational

**Librarians, Archivists, and Curators:**
164 Librarians
165 Archivists and curators

**Social Scientists and Urban Planners:**
166 Economists
167 Psychologists
168 Sociologists
169 Social scientists, n.e.c.
173 Urban planners

**Social, Recreation, and Religious Workers**
174 Social workers
175 Recreation workers
176 Clergy
177 Religious workers, n.e.c.

**Lawyers and Judges:**
178 Lawyers
179 Judges

**Writers, Artists, Entertainers, and Athletes:**
183 Authors
184 Technical writers
185 Designers
186 Musicians and composers
187 Actors and directors
188 Painters, sculptors, craft-artists, and artist printmakers
189 Photographers
193 Dancers
194 Artists, performers, and related workers, n.e.c.
195 Editors and reporters
197 Public relations specialists
198 Announcers
199 Athletes

**TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS**

**Technicians and Related Support Occupations**

**Health Technologists and Technicians:**
203 Clinical laboratory technologists and technicians
204 Dental hygienists
205 Health record technologists and technicians
206 Radiologic technicians
207 Licensed practical nurses
208 Health technologists and technicians, n.e.c.

**Technologists and Technicians, Except Health:**

**Engineering and Related Technologists and Technicians:**
213 Electrical and electronic technicians
214 Industrial engineering technicians
215 Mechanical engineering technicians
216 Engineering technicians, n.e.c.
217 Drafting occupations
218 Surveying and mapping technicians

Science Technicians:
223 Biological technicians
224 Chemical technicians
225 Science technicians n.e.c.

Technicians, Except Health, Engineering, and Science:
226 Airplane pilots and navigators
227 Air traffic controllers
228 Broadcast equipment operators
229 Computer programmers
233 Tool programmers, numerical control
234 Legal assistants
235 Technician, n.e.c.

Sales Occupations
243 Supervisors and proprietors, sales occupations

Sales Representatives, Finance and Business Services:
253 Insurance sales occupations
254 Real estate sales occupations
255 Securities and financial services sales occupations
256 Advertising and related sales occupations
257 Sales occupations, other business services

Sales Representatives, Commodities Except Retail:
258 Sales engineers
259 Sales representatives, mining, manufacturing, and wholesale

Sales Workers, Retail and Personal Services:
263 Sales workers, motor vehicles and boats
264 Sales workers, apparel
265 Sales workers, shoes
266 Sales workers, furniture and home furnishings
267 Sales workers, radio, TV, hi-fi, and appliances
268 Sales workers, hardware and building supplies
269 Sales workers, parts
274 Sales workers, other commodities
275 Sales counter clerks
276 Cashiers
277 Street and door-to-door sales workers
278 News vendors

Sales Related Occupations:
283 Demonstrators, promoters and models, sales
284 Auctioneers
285 Sales support occupations, n.e.c.

Administrative Support Occupations, Including Clerical

Supervisors, Administrative Support Occupations:
303 Supervisors, general office
304 Supervisors, computer equipment operators
305 Supervisors, financial records processing
306 Chief communications operators

http://www.ipums.umn.edu/usa/volii/99occup.html
307  Supervisors; distribution, scheduling, and adjusting clerks

**Computer Equipment Operators:**
308  Computer operators
309  Peripheral equipment operators

**Secretaries, Stenographers, and Typists:**
313  Secretaries
314  Stenographers
315  Typists

**Information Clerks:**
316  Interviewers
317  Hotel clerks
318  Transportation ticket and reservation agents
319  Receptionists
323  Information clerks, n.e.c.

**Records Processing Occupations, Except Financial:**
325  Classified-ad clerks
326  Correspondence clerks
327  Order clerks
328  Personnel clerks, except payroll and timekeeping
329  Library clerks
335  File clerks
336  Records clerks

**Financial Records Processing Occupations:**
337  Bookkeepers, accounting, and auditing clerks
338  Payroll and timekeeping clerks
339  Billing clerks
343  Cost and rate clerks
344  Billing, posting, and calculating machine operators

**Duplicating, Mail, and Other Office Machine Operators:**
345  Duplicating machine operators
346  Mail preparing and paper handling machine operators
347  Office machine operators, n.e.c.

**Communications Equipment Operators:**
348  Telephone operators
353  Communications equipment operators, n.e.c.

**Mail and Message Distributing Occupations:**
354  Postal clerks except mail carriers
355  Mail carriers, postal service
356  Mail clerks, except postal service
357  Messengers

**Material Recording, Scheduling, and Distributing Clerks:**
359  Dispatchers
363  Production coordinators
364  Traffic, shipping, and receiving clerks
365  Stock and inventory clerks
366  Meter readers
368  Weighers, measurers, checkers, and samplers
373  Expediters
374  Material recording, scheduling, and distributing clerks, n.e.c.

**Adjusters and Investigators:**
375  Insurance adjusters, examiners, and investigators
376 Investigators and adjusters, except insurance
377 Eligibility clerks, social welfare
378 Bill and account collectors

**Miscellaneous Administrative Support Occupations:**
379 General office clerks
383 Bank tellers
384 Proofreaders
385 Data-entry keyers
386 Statistical clerks
387 Teachers' aides
389 Administrative support occupations, n.e.c.

**SERVICE OCCUPATIONS**

**Private Household Occupations**
403 Launderers and ironers
404 Cooks, private household
405 Housekeepers and butlers
406 Child care workers, private household
407 Private household cleaners and servants

**Protective Service Occupations**

**Supervisors, Protective Service Occupations:**
413 Supervisors, firefighting and fire prevention occupations
414 Supervisors, police and detectives
415 Supervisors, guards

**Firefighting and Fire Prevention Occupations:**
416 Fire inspection and fire prevention occupations
417 Firefighting occupations

**Police and Detectives:**
418 Police and detectives, public service
423 Sheriffs, bailiffs, and other law enforcement officers
424 Correctional institution officers

**Guards:**
425 Crossing guards
426 Guards and police, except public service
427 Protective service occupations, n.e.c.

**Service Occupations, Except Protective and Household**

**Food Preparation and Service Occupations:**
433 Supervisors, food preparation and service occupations
434 Bartenders
435 Waiters and waitresses
436 Cooks
438 Food counter, fountain and related occupations
439 Kitchen workers, food preparation
443 Waiters/waitresses' assistants
444 Miscellaneous food preparation occupations

**Health Service Occupations:**
445 Dental assistants
446 Health aides, except nursing
Nursing aides, orderlies, and attendants

**Cleaning and Building Service Occupations, Except Household:**
Supervisors, cleaning and building service workers
Maids and housemen
Janitors and cleaners
Elevator operators
Pest control occupations

**Personal Service Occupations:**
Supervisors, personal service occupations
Barbers
Hairdressers and cosmetologists
Attendants, amusement and recreation facilities
Guides
Ushers
Public transportation attendants
Baggage porters and bellhops
Welfare service aides
Family child care providers
Early childhood teachers’ assistants
Child care workers, n.e.c.
Personal service occupations, n.e.c.

**FARMING, FORESTRY, AND FISHING OCCUPATIONS**

**Farm Operators and Managers:**
Farmers, except horticultural
Horticultural specialty farmers
Managers, farms, except horticultural
Managers, horticultural specialty farms

**Other Agricultural and Related Occupations:**
Supervisors, farm workers
Farm workers
Marine life cultivation workers
Nursery workers

**Related Agricultural Occupations:**
Supervisors, related agricultural occupations
Groundkeepers and gardeners, except farm
Animal caretakers, except farm
Graders and sorters, agricultural products
Inspectors, agricultural products

**Forestry and Logging Occupations:**
Supervisors, forestry, and logging workers
Forestry workers except logging
Timber cutting and logging occupations

**Fishers, Hunters, and Trappers:**
Captains and other officers, fishing vessels
Fishers
Hunters and trappers
PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS

Mechanics and Repairers
503 Supervisors, mechanics and repairers

Mechanics and Repairers, Except Supervisors:
   Vehicle and Mobile Equipment Mechanics and Repairers:
      505    Automobile mechanics
      506    Automobile mechanic apprentices
      507    Bus, truck, and stationary engine mechanics
      508    Aircraft engine mechanics
      509    Small engine repairers
      514    Automobile body and related repairers
      515    Aircraft mechanics, except engine
      516    Heavy equipment mechanics
      517    Farm equipment mechanics
      518    Industrial machinery repairers
      519    Machinery maintenance occupations
   Electrical and Electronic Equipment Repairers:
      523    Electronic repairers, communications and industrial equipment
      525    Data processing equipment repairers
      526    Household appliance and power tool repairers
      527    Telephone line installers and repairers
      529    Telephone installers and repairers
      533    Misc. electrical and electronic equipment repairers
      527    Telephone line installers and repairers
      534    Heating, air conditioning, and refrigeration mechanics
   Miscellaneous Mechanics and Repairers:
      535    Camera, watch, and musical instrument repairers
      536    Locksmiths and safe repairers
      538    Office machine repairers
      539    Mechanical controls and valve repairers
      543    Elevator installers and repairers
      544    Millwrights
      547    Mechanics and repairers, n.e.c.
      549    Mechanics and repairers, n.s.

Construction Trades
   Supervisors, Construction Occupations:
      553    Supervisors, brickmasons, stonemasons, and tile setters
      554    Supervisors, carpenters and related workers
      555    Supervisors, electricians and power transmission installers
      556    Supervisors, painters, paperhangers, and plasterers
      557    Supervisors, plumbers, pipefitters, and steamfitters
      558    Supervisors, construction, n.e.c.
   Construction Trades, Except Supervisors:
      563    Brickmasons and stonemasons
      564    Brickmason and stonemason apprentices
      565    Tile setters, hard and soft
      566    Carpet installers
      567    Carpenters
      569    Carpenter apprentices
573 Drywall installers
575 Electricians
576 Electrician apprentices
577 Electrical power installers and repairers
579 Painters, construction and maintenance
583 Paperhangers
584 Plasterers
585 Plumbers, pipefitters, and steamfitters
587 Plumber, pipe fitter, and steamfitter apprentices
588 Concrete and terrazzo finishers
589 Glaziers
593 Insulation workers
594 Paving, surfacing, and tamping equipment operators
595 Roofers
596 Sheetmetal duct installers
597 Structural metal workers
598 Drillers, earth
599 Construction trades, n.e.c.

**Extractive Occupations**
613 Supervisors, extractive occupations
614 Drillers, oil well
615 Explosives workers
616 Mining machine operators
617 Mining occupations, n.e.c.

**Precision Production Occupations**
628 Supervisors, production occupations

  **Precision Metal Working Occupations:**
634 Tool and die makers
635 Tool and die maker apprentices
636 Precision assemblers, metal
637 Machinists
639 Machinist apprentices
643 Boilermakers
644 Precision grinders, filers, and tool sharpeners
645 Patternmakers and model makers, metal
646 Lay-out workers
647 Precious stones and metals workers (jewelers)
649 Engravers, metal
653 Sheet metal workers
654 Sheet metal worker apprentices
655 Miscellaneous precision metal workers

  **Precision Woodworking Occupations:**
656 Patternmakers and model makers, wood
657 Cabinet makers and bench carpenters
658 Furniture and wood finishers
659 Miscellaneous precision woodworkers

  **Precision Textile, Apparel, and Furnishings Machine Workers:**
666 Dressmakers
667 Tailors
<table>
<thead>
<tr>
<th>Code</th>
<th>Occupation Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>668</td>
<td>Upholsterers</td>
</tr>
<tr>
<td>669</td>
<td>Shoe repairers</td>
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<tr>
<td>674</td>
<td>Miscellaneous precision apparel and fabric workers</td>
</tr>
<tr>
<td>675</td>
<td>Hand molders and shapers, except jewelers</td>
</tr>
<tr>
<td>676</td>
<td>Patternmakers, lay-out workers, and cutters</td>
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<tr>
<td>677</td>
<td>Optical goods workers</td>
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<tr>
<td>678</td>
<td>Dental laboratory and medical appliance technicians</td>
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<tr>
<td>679</td>
<td>Bookbinders</td>
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<tr>
<td>683</td>
<td>Electrical and electronic equipment assemblers</td>
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<tr>
<td>684</td>
<td>Miscellaneous precision workers, n.e.c.</td>
</tr>
<tr>
<td>686</td>
<td>Butchers and meat cutters</td>
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<tr>
<td>687</td>
<td>Bakers</td>
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<tr>
<td>688</td>
<td>Food batchmakers</td>
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<tr>
<td>689</td>
<td>Inspectors, testers, and graders</td>
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<tr>
<td>693</td>
<td>Adjusters and calibrators</td>
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<tr>
<td>694</td>
<td>Water and sewage treatment plant operators</td>
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<tr>
<td>695</td>
<td>Power plant operators</td>
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<tr>
<td>696</td>
<td>Stationary engineers</td>
</tr>
<tr>
<td>699</td>
<td>Miscellaneous plant and system operators</td>
</tr>
</tbody>
</table>

**Precision Workers, Assorted Materials:**

**Precision Food Production Occupations:**

**Precision Inspectors, Testers, and Related Workers:**

**Plant and System Operators:**

**Operators, Fabricators, and Laborers**

**Machine Operators, Assemblers, and Inspectors Machine Operators and Tenders, Except Precision:**

**Metalworking and Plastic Working Machine Operators:**

**Metal and Plastic Processing Machine Operators:**

**Woodworking Machine Operators:**
Printing Machine Operators:
734 Printing press operators
735 Photoengravers and lithographers
736 Typesetters and compositors
737 Miscellaneous printing machine operators

Textile, Apparel, and Furnishings Machine Operators:
738 Winding and twisting machine operators
739 Knitting, looping, taping, and weaving machine operators
743 Textile cutting machine operators
744 Textile sewing machine operators
745 Shoe machine operators
747 Pressing machine operators
748 Laundering and dry cleaning machine operators
749 Miscellaneous textile machine operators

Machine Operators, Assorted Materials:
753 Cementing and gluing machine operators
754 Packaging and filling machine operators
755 Extruding and forming machine operators
756 Mixing and blending machine operators
757 Separating, filtering, and clarifying machine operators
758 Compressing and compacting machine operators
759 Painting and paint spraying machine operators
763 Roasting and baking machine operators, food
764 Washing, cleaning, and pickling machine operators
765 Folding machine operators
766 Furnace, kiln, and oven operators, except food
768 Crushing and grinding machine operators
769 Slicing and cutting machine operators
773 Motion picture projectionists
774 Photographic process machine operators
777 Miscellaneous machine operators, n.e.c.
779 Machine operators, n.s.

Fabricators, Assemblers, and Hand Working Occupations:
783 Welders and cutters
784 Solderers and brazers
785 Assemblers
786 Hand cutting and trimming occupations
787 Hand molding, casting, and forming occupations
789 Hand painting, coating, and decorating occupations
793 Hand engraving and printing occupations
795 Miscellaneous hand working occupations

Production Inspectors, Testers, Samplers, and Weighers:
796 Production inspectors, checkers, and examiners
797 Production testers
798 Production samplers and weighers
799 Graders and sorters, except agricultural

Transportation and Material Moving Occupations:
Motor Vehicle Operators:
803 Supervisors, motor vehicle operators
804 Truck drivers
806 Driver-sales workers
808 Bus drivers
809 Taxicab drivers and chauffeurs
813 Parking lot attendants
814 Motor transportation occupations, n.e.c.

Transportation Occupations, Except Motor Vehicles:

Rail Transportation Occupations:
823 Railroad conductors and yardmasters
824 Locomotive operating occupations
825 Railroad brake, signal, and switch operators
826 Rail vehicle operators, n.e.c.

Water Transportation Occupations:
828 Ship captains and mates, except fishing boats
829 Sailors and deckhands
833 Marine engineers
834 Bridge, lock, and lighthouse tenders

Material Moving Equipment Operators:
843 Supervisors, material moving equipment operators
844 Operating engineers
845 Longshore equipment operators
848 Hoist and winch operators
849 Crane and tower operators
853 Excavating and loading machine operators
855 Grader, dozer, and scraper operators
856 Industrial truck and tractor equipment operators
859 Miscellaneous material moving equipment operators
864 Supervisors, handlers, equipment cleaners, and laborers, n.e.c.
865 Helpers, mechanics and repairers

Helpers, Construction and Extractive Occupations:
866 Helpers, construction trades
867 Helpers, surveyor
868 Helpers, extractive occupations
869 Construction laborers
874 Production helpers

Freight, Stock, and Material Handlers:
875 Garbage collectors
876 Stevedores
877 Stock handlers and baggers
878 Machine feeders and offbearers
883 Freight, stock, and material handlers, n.e.c.
885 Garage and service station related occupations
887 Vehicle washers and equipment cleaners
888 Hand packers and packagers
889 Laborers, except construction

MILITARY OCCUPATIONS

903 Commissioned Officers and Warrant Officers
904 Non-commissioned Officers and Other Enlisted Personnel
905 Military occupation, rank not specified

EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY OCCUPATION
909 Last worked 1984 or earlier
DORM THEME OR ORIENTATION (q24a)

1. Academic Enhancement & Community Service
2. African American/WB Dubois Dorm
3. Asian/East Asian/Asian American
4. Athletics/Health/Physical Education/Sports
5. Communications
6. Diversity (Cultural/Inter-/Multi-/Multi-Theme/Mosaic
7. Foreign Language (Except Spanish) (French/German/Russian, Etc)
8. Honors
9. Inter-sorority/Sorority
10. International
11. Latin American/Spanish/Hispanic/Chicano
12. Native American
13. Performing Arts
14. Public Affairs/Public Policy/Urban Development
15. Science And Technology/Engineering
16. Substance Free
17. Women’s/All Female
18. Men’s/All-Male
19. Freshman/First Year Initiative
20. Sophomore
21. Environmental Awareness
22. Student created/Group Housing

98. Don’t know
97. Refused