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CASE ID INFO

caseid **Case Number**

COLLEGE ENROLLMENT

w5enrol Was R enrolled in College at Last (MOST RECENT) interview?

Y yes

N no (**SKIP TO w5q4a**)

w5q1 Are you still enrolled as an undergraduate student at (NAME OF MOST RECENT COLLEGE ATTENDED)
(If necessary, probe: **did you graduate?**)

1 yes (**SKIP TO w5q7**)

4 no, other than graduated

6 no – graduated (**SKIP TO w5q3_1**)

8 don't know

7 refused

**FOR RESPONDENTS NOT CURRENTLY ENROLLED AT SAME/ORIGINAL
INSTITUTION BUT ENROLLED AT LAST INTERVIEW**

FACTORS INFLUENCING DECISION TO LEAVE COLLEGE

w5q2a How important were the following factors in your deciding to leave (NAME OF MOST RECENT COLLEGE ATTENDED)?

The high cost of education?
(use codes given below for q2a-q2o)

- 1 very unimportant
- 2 somewhat unimportant
- 3 somewhat important
- 4 very important
- 8 don't know
- 7 refused

w5q2b Too much debt?

w5q2c Poor grades?

w5q2d Courses were too difficult?

w5q2e Not enough course credits?

w5q2f Poor teaching?

w5q2g Classes were too large?

w5q2h Lack of interest?

w5q2i Lack of effort?

w5q2j Lack of friends?

w5q2k Didn't fit in?

w5q2l Family was unsupportive?

w5q2m Friends were unsupportive?

w5q2n Family responsibilities?

w5q2o Campus racial or ethnic climate?

**FOR RESPONDENTS NOT CURRENTLY ENROLLED AT SAME/ORIGINAL
INSTITUTION BUT ENROLLED AT LAST INTERVIEW OR GRADUATED**

MOST RECENT TERM COURSES

w5q3_1 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
- 12 summer 2002
- 13 fall 2002
- 14 winter 2003
- 15 spring 2003

w5q3_2 At the beginning of the (TERM FROM Q3_1) term, for how many courses did you register? Please include each course for which you originally registered, even if you later dropped it.

- 1-12 courses
- 98 don't know
- 97 refused

w5q3(a-f)a In what department was (COURSE) taught?
(USE CODES GIVEN IN APPENDIX B)

w5q3(a-f)b1 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
- 8 don't know
- 7 refused

w5q3(a-f)c What grade (do you expect to/did you) earn?

- 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
- 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
- 77 other, unable to recode
- 95 ungraded
- 98 don't know
- 97 refused

**FOR RESPONDENTS NOT ENROLLED AT SAME/ORIGINAL INSTITUTION
AND NOT ENROLLED AT TIME OF LAST INTERVIEW**

w5q4a Are you currently enrolled in (any/another) college or university?

- 1 yes (**SKIP TO w5q7**)
- 5 no
- 8 don't know
- 7 refused

w5q5 On a scale of zero to 10, where zero indicates no chance at all and 10 indicates complete certainty, what is the likelihood that you will re-enroll at some college or university in the next two years?

- 0 no chance at all
- 1-9
- 10 complete certainty
- 98 don't know
- 97 refused

CURRENT EMPLOYMENT

w5q6 Are you currently working at a paid job?

- 1 yes
- 5 no (**SKIP TO w5q61**)
- 8 don't know (**SKIP TO w5q61**)
- 7 refused (**SKIP TO w5q61**)

w5q6b What is your job title? What type of job do you have? What were your main job duties?
(Use codes given in Appendix E)

w5q6ca How much do you currently earn at this job?
dollars

- 1-50000 \$1 to \$50,000 dollars
- 999998 don't know

9999997 refused

w5q6cc cents

0-99 cents

w5q6cu per unit:

1 hour
2 week
3 bi-weekly
4 month
5 year

w5q6d On average, how many hours per week do you work?

1-60 hours per week
98 don't know
97 refused

ACADEMIC PROGRESS AT CURRENT INSTITUTION

SPRING 2003 TERM COURSES

w5q7 At the beginning of **spring 2003** term, for how many courses did you register? Please include each course for which you originally registered, even if you later dropped it.

- 0 none (**SKIP TO w5q9**)
- 1-12 courses
- 98 don't know (**SKIP TO w5q9**)
- 97 refused (**SKIP TO w5q9**)

w5q8(a-f)a In what department was (COURSE) taught? (use codes given in Appendix B)

w5q8(a-f)b1 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
- 8 don't know
- 7 refused

w5q8(a-f)c What grade (did you/do you expect to) earn?

- | | |
|-------------------------------|-----------------------------|
| 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 Class |
| 10 D | 22 Class Hasn't Started Yet |
| 11 D- | 23 No Grade Yet |
| 12 E/F | 24 Complete |
| 77 Other, Unable
To Recode | 25 Distinction |
| 95 Ungraded | |
| 98 Don't Know | |
| 97 Refused | |

w5q9 Is (name of most recent college attended) on a quarter or semester system?

- 1 quarter
- 5 semester
- 8 don't know
- 7 refused

WINTER 2003 TERM COURSES

w5q10 At the beginning of **winter 2003** term, for how many courses did you register? Please include each course for which you originally registered, even if you later dropped it.

- 0 none (**SKIP TO w5q12**)
- 1-12 courses
- 98 don't know (**SKIP TO w5q12**)
- 97 refused (**SKIP TO w5q12**)

w5q11aa In what department was (COURSE) taught?
(Use codes given in Appendix B)

w5q11ab1 Did you complete that course or have you dropped it?

- 1 completed course
- 2 still enrolled
- 3 dropped the course
- 8 don't know
- 7 refused

w5q11ac What grade (do/did) you expect to earn?

- | | |
|-------------------------------|-----------------------------|
| 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 Class |
| 10 D | 22 Class Hasn't Started Yet |
| 11 D- | 23 No Grade Yet |
| 12 E/F | 24 Complete |
| 77 Other, Unable
To Recode | 25 Distinction |
| 95 Ungraded | |
| 98 Don't Know | |
| 97 Refused | |

FALL 2002 TERM COURSES

w5q13 At the beginning of **Fall 2002** term, for how many courses did you register? Please include each course for which you originally registered, even if you later dropped it.

- 0 none (**SKIP TO w5q15**)
- 1-12 courses
- 98 don't know (**SKIP TO w5q15**)
- 97 refused (**SKIP TO w5q15**)

w5q14(a-f)a In what department was (course) taught?
(Use codes given in Appendix B)

w5q14(a-f)b1 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
- 8 don't know
- 7 refused

w5q14(a-f)c What grade (did you/do you expect to) earn?

- | | |
|-------------------------------|-----------------------------|
| 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 Class |
| 10 D | 22 Class Hasn't Started Yet |
| 11 D- | 23 No Grade Yet |
| 12 E/F | 24 Complete |
| 77 Other, Unable
To Recode | 25 Distinction |
| 95 Ungraded | |
| 98 Don't Know | |
| 97 Refused | |

SPRING 2002 TERM COURSES

w5q15 At the beginning of the **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 R registered, but collect follow-up data for only up to six courses)

- 0 none (**SKIP TO w5q17**)
- 1-12 courses
- 98 don't know (**SKIP TO w5q17**)
- 97 refused (**SKIP TO w5q17**)

w5q16(a-f)a In what department was (course1) taught?
(Use codes given in Appendix B)

w5q16(a-f)b1 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
- 8 don't know
- 7 refused

w5q16(a-f)c What grade (did you/do you expect) to earn?

- | | |
|-------------------------------|-----------------------------|
| 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 Class |
| 10 D | 22 Class Hasn't Started Yet |
| 11 D- | 23 No Grade Yet |
| 12 E/F | 24 Complete |
| 77 Other, Unable
To Recode | 25 Distinction |
| 95 Ungraded | |
| 98 Don't Know | |
| 97 Refused | |

MAJORS AND MINORS

w5q171 What is your major?
(Use codes given in Appendix C for w5q17-w5q17_4)

0 none
1-71 See Appendix C
777 Other, unable to recode
998 Don't Know
997 Refused

w5q17_2 2nd major

w5q17_3 3rd major

w5q17_4 4th major

w5q18 How many times, if ever, have you changed majors?

0-20 times
98 don't know
97 refused

w5q19aa What is your cumulative grade point average in your (first major/major)?
(use codes given below for w5q19aa-w5q20ba)

Whole number

0-100
777 other, unable to recode
998 don't know
997 refused

w5q19ab decimal
(use codes given below for w5q19ab-w5q20bb)

0-99

w5q19ba What is your cumulative grade point average in your second major?

whole number

W5q19bb decimal

w5q19ca What is your cumulative grade point average in your third major?

whole number

w5q19cb decimal

w5q19da What is your cumulative grade point average in your fourth major?

whole number

w5q19db decimal

w5q20aa What is your cumulative grade point average at (name of most recent college attended)?

whole number

w5q20ab decimal

w5q20ba And on what scale is that?

whole number

w5q20bb decimal

w5q21a Many students choose to minor in something. Do you have a minor?

- 1 yes
- 5 no (**SKIP TO w5q22**)
- 8 don't know (**SKIP TO w5q22**)
- 7 refused (**SKIP TO w5q22**)

w5q21b_1 What is your minor?
(Use codes given in Appendix C)

- 0 none
- 1-71 See Appendix C
- 777 Other, unable to recode
- 998 Don't Know
- 997 Refused

w5q21b(2-4) 2nd – 4th minor

STUDY ABROAD AND TIME OFF

w5q22 How many terms, if any, have you studied abroad?

0-20 terms
98 don't know
97 refused

w5q23a Not counting summers, in the past four years, have you ever taken time off from your studies and not attended school?

1 yes
5 no (**SKIP TO w5q24**)
8 don't know (**SKIP TO w5q24**)
7 refused (**SKIP TO w5q24**)

w5q23b For how many terms?

1-20 terms
98 don't know
97 refused

w5q24 In the past four years, how many courses, if any, have you taken during the summer?

0-50 courses
98 don't know
97 Refused

w5q25 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

PAST SUMMER JOBS

w5q26 Did you have a job or internship last summer?

1 yes
5 no (**SKIP TO w5q27a**)
8 don't know (**SKIP TO w5q27a**)
7 refused (**SKIP TO w5q27a**)

w5q26b What were your job duties?
(Use codes given in Appendix E)

w5q26ca How much were you paid?

amount

0 not paid
1-50000 \$1 to \$50,000 dollars
9999998 don't know
9999997 refused

w5q26cc cents

0-99

w5q26cu per unit

1 hour
2 week
3 bi-weekly
4 month
5 year
6 lump sum

w5q26d 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
12-22 See Appendix G for additional codes

DISTRACTIONS (LIFE EVENTS IN PAST YEAR)

w5q27a Lots of things may happen in families to affect people your age and distract them from their studies. In the last year, have any of the following happened within your family?

My parents got divorced or separated.
(use codes given below for w5q27a-i)

- 1 yes
- 5 no
- 8 don't know
- 7 refused

w5q27b A parent lost a job.

w5q27c A member of my immediate family went on public assistance.

w5q27d A member of my immediate family was the victim of crime.

w5q27e A member of my immediate family got into trouble with the law.

w5q27f A member of my immediate family became seriously ill or disabled.

w5q27g A member of my immediate family died.

w5q27h A member of my extended family died.

w5q27i A close friend died.

EMPLOYMENT DURING THE ACADEMIC YEAR

w5q28 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 w5q29**)
- 8 don't know (**SKIP TO w5q29**)
- 7 refused (**SKIP TO w5q29**)

w5q28a Since the day that classes began last fall, about how many weeks in total have you worked for pay?

- 1-45 weeks
- 95 all of them
- 98 don't know
- 97 refused

w5q28b During that time, about how many hours per week did you work, on average?

- 1-60 hours
- 98 don't know
- 97 refused

w5q28cdol How much do you earn per hour working at your job?

dollars

- 1-60 dollars
- 998 don't know
- 997 refused

w5q28ccnt cents

- 0-99

w5q28d Are you required to work as part of your school's financial aid package?

- 1 yes
- 5 no
- 8 don't know
- 7 refused

W5q28e (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

COLLEGE DEBTS

w5q29 A problem that students often encounter in college is the debt they incur to pay for their education. Right now, what is the total amount you or your parents have borrowed from any lender for you to attend college?

- 0 zero dollars (**SKIP TO w5q30a**)
- 1-500000 1 to 500,000 dollars
- 999998 don't know
- 999997 refused

w5q29a How much of this amount do you or your parents still owe?

- 0 zero dollars (**SKIP TO w5q30a**)
- 1-500000 1 to 500,000 dollars
- 999998 don't know
- 999997 refused

w5q29b1 Do you expect to receive any help in paying back what you or your parents owe?

- 1 yes
- 5 no (**SKIP TO w5q29c**)
- 8 don't know (**SKIP TO w5q29c**)
- 7 refused (**SKIP TO w5q29c**)

w5q29b2 from whom?

- 1 mother
- 2 father
- 3 parent(s)
- 4 sibling(s)
- 5 spouse
- 6 grandparent(s)
- 9 other family member
- 10 family, unspecified
- 71 employer/job
- 72 debt consolidator
- 73 Mellon Foundation

- 74 peace corps/ameri corps or other service organization
- 75 scholarship
- 77 other, unable to recode
- 98 don't know
- 99 missing

w5q29c How concerned are you about the amount of money you or your parents owe? would you say you are:

- 1 not concerned at all,
- 2 somewhat concerned,
- 4 very concerned, or
- 5 extremely concerned?
- 8 don't know
- 7 refused

w5q29d On a scale of zero to 10, where zero means not at all and 10 means very much, to what extent does the amount you or your parents owe affect planning for life after college?

- 0 not at all
- 1-9
- 10 very much
- 98 don't know
- 97 refused

w5q30a How many credit cards do you, by yourself, have?

- 0 no credit cards (**SKIP TO w5q31**)
- 1-20 credit cards
- 98 don't know
- 97 refused

w5q30b What is the total amount of money that you owe on all credit cards?

- 0 zero dollars (**SKIP TO w5q31**)
- 1-500000 \$1 to \$500,000
- 999998 don't know
- 999997 refused

w5q30c How much do you pay each month to credit card companies?

- 0 zero dollars
- 1-50000 \$1 to \$50,000
- 99998 don't know

99997 refused

w5q30d Who if anyone, helps you to pay these bills?

- 0 no one
- 1 mother
- 2 father
- 3 parent(s)
- 4 sibling(s)
- 5 spouse
- 6 grandparent(s)
- 75 scholarship
- 77 other, unable to recode
- 98 don't know
- 97 refused

RELATIONSHIP STATUS

w5q31 Are you currently married or living with a partner as though married?

- 1 married
- 2 living with partner
- 3 neither married nor living with partner (**SKIP TO w5q32**)
- 8 don't know (**SKIP TO w5q32**)
- 7 refused (**SKIP TO w5q32**)

w5q31a Did you meet your (spouse/partner) on campus?

- 1 yes
- 5 no
- 8 don't know
- 7 refused

w5q31b What is your (spouse/partner)'s race or ethnicity?

- 1 white
- 2 black
- 3 Hispanic
- 4 Asian
- 6 bi-racial
- 7 Native American
- 77 other, unable to recode
- 98 don't know
- 97 refused

w5q31cm In what month and year did you (marry/begin living with your partner)?

month

- 1-12
- 98 don't know
- 97 refused

w5q31cy year

- 1990-2003
- 9998 don't know
- 9997 refused

w5q32 (Between/since)the beginning of the fall 2002 term (and when you were married/began living with your current partner), on how many dates, if any, have you been?

0 none
1-500 dates
998 don't know
997 refused

w5q32a How many of these dates have been with someone **other than** your (spouse/partner)?

0 none (**SKIP TO w5q33**)
1-500 dates
998 don't know
997 refused

w5q32b How many of these dates have been with people whom you have met on campus?

0 none
1-500 dates
998 don't know
997 refused

w5q32cw Which of the following racial or ethnic group members have you dated since the beginning of fall 2002 term?

white
(use codes given below for w5q32cw-w5q32co)

1 yes
5 no
8 don't know
7 refused

w5q32cb blacks?

w5q32ch Hispanics?

w5q32ca Asians?

w5q32co some other group?

w5q32cs what other group?

- 6 bi-racial
- 7 Native American
- 77 other, unable to recode

w5q32d Do you currently have a steady romantic partner?

- 1 yes
- 5 no (**SKIP TO w5q33**)
- 8 don't know (**SKIP TO w5q33**)
- 7 refused (**SKIP TO w5q33**)

w5q32d1 Did you meet this person on campus?

- 1 yes
- 5 no
- 8 don't know
- 7 refused

w5q32d2 What is your partner's race or ethnicity?

- 1 white
- 2 black
- 3 Hispanic
- 4 Asian
- 6 bi-racial
- 7 native-American
- 77 other, unable to recode
- 98 don't know
- 97 refused

HEALTH AND WELL-BEING

w5q33 In general, how is your health? would you say:

- 1 excellent,
- 2 very good,
- 3 good,
- 4 fair, or
- 5 poor?
- 8 don't know
- 7 refused

w5q34f What is your height in feet and inches?

feet

- 3-7 feet
- 98 don't know
- 97 refused

w5q34i inches

0-11 inches

w5q35 What is your weight in pounds?

- 50-500 lbs
- 998 don't know
- 997 refused

w5q36 In the last thirty days, 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

w5q37 In the last thirty days, 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

w5q38 Since September, how many times have you sought medical treatment for a physical ailment or sickness?

- 0-100 times
- 998 don't know
- 997 refused

w5q39 Since September, how many times have you sought counseling for emotional distress or a mental problem?

- 0-100 times
- 998 don't know
- 997 refused

w5q40a Now I want to ask you about how you feel emotionally and 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 w5q40a-m)

- 0 never,
- 1 rarely,
- 2 sometimes,
- 3 often, or
- 4 all of the time?
- 8 don't know
- 7 refused

w5q40b You felt that you could not shake off the blues, even with help from your family and your friends.

w5q40c You had trouble keeping your mind on what you were doing.

w5q40d You felt depressed.

- w5q40e** You felt hopeful about the future.
- w5q40f** You thought your life had been a failure.
- w5q40g** You were happy.
- w5q40h** You talked less than usual.
- w5q40i** You felt lonely.
- w5q40j** You enjoyed life.
- w5q40k** You felt sad.
- w5q40l** You felt that people disliked you.
- w5q40m** It was hard to get started doing things.

EVALUATION OF COLLEGE EXPERIENCE (REFLECTIONS ON PAST FOUR YEARS)

w5q41a On a zero to 10 scale where zero indicates total disagreement and 10 total agreement, to what extent would you disagree or agree with the following statements:

If I had it to do all over again, I would choose to attend (name of most recent college attended)

(use codes given below for w5q41a-m)

0 totally disagree

1-9

10 totally agree

98 don't know

97 refused

w5q41b My college experience has made me a better person.

w5q41c My college experience has made me more tolerant of other racial and ethnic groups.

w5q41d My college experience has improved my relationships with other racial and ethnic groups.

w5q41e I am very satisfied with the friends and acquaintances I made at college.

w5q41f My college experiences have prepared me for the future.

w5q41g College has given me a sense of mastery of the subjects I studied.

w5q41h College has better prepared me to deal with the real world.

w5q41i I am satisfied with the courses I took at college.

w5q41j I am satisfied with the professors I had at college.

w5q41k I am satisfied with the quality of instruction I received at college.

w5q41l I would recommend (name of most recent college attended) to a friend or relative as a place to attend college.

w5q41m I am likely to contribute to (name of most recent college attended)'s future fund raising efforts.

w5q42a On a scale of zero to 10, where zero indicates no importance and 10 indicates the greatest importance, how important have each of the following been in guiding you through your college career:

professors in major courses.

(use codes given below for w5q42a-j)

0 no importance
1-9
10 greatest importance
98 don't know
97 refused

w5q42b professors in general.

w5q42c major advisor.

w5q42d freshman advisor.

w5q42e financial aid advisor.

w5q42f career counselors.

w5q42g resident advisors.

w5q42h friends met at college.

w5q42i friends from outside of college.

w5q42j family members.

w5q43a Using a zero to 10 scale, where zero indicates never and 10 indicates always, how often would you say you procrastinated in completing the following tasks as a college student?

writing term papers.

(use codes given below for w5q43a-e)

0 never
1-9
10 always
98 don't know
97 refused

w5q43b studying for exams.

w5q43c doing weekly reading assignments.

w5q43d doing problem sets.

w5q43e meeting with a professor.

w5q44a Thinking about all the times you have put off tasks, appointments, or deadlines in the past few years, on a zero to 10 scale, how important were each of the following reasons for your procrastination?

anxiety about being evaluated.

(use codes given below for w5q44a-m)

0 unimportant

1-9

10 very important

98 don't know

97 refused

w5q44b perfectionism.

w5q44c don't like to make decisions.

w5q44d didn't know who to ask for help or advice.

w5q44e fear of failing.

w5q44f fear of success.

w5q44g laziness.

w5q44h lack of self-confidence.

w5q44i dislike of task.

w5q44j difficulty managing time.

w5q44k other activities more attractive.

w5q44l afraid of risks.

w5q44m friends influenced me.

w5q45a On a zero to 10 scale where zero indicates total disagreement and 10 total agreement, to what extent would you disagree or agree with the following statements about the relative benefits of a college education:

Sometimes I think the cost of a college degree outweighs the benefits for me.
(use codes given below for w5q45a-f)

0 totally disagree

1-9

10 totally agree

98 don't know

97 refused

w5q45b My going to college has led to the loss of some of my friends.

w5q45c My going to college has made me feel less a part of my family.

w5q45d My going to college has made me an outsider in my home community.

w5q45e My education makes people think I have answers when I don't.

w5q45f Other people of my race or ethnicity resent my going to college.

COLLGE GRADUATION AND FUTURE PLANS

w5q46 Have you completed, or do you plan to complete the academic requirements to graduate by the end of spring 2003?

- 1 yes (**SKIP TO w5q51a**)
- 5 no
- 8 don't know
- 7 refused

w5q47m What is your expected date of graduation?

month

- 1-12
- 98 don't know
- 97 refused

w5q47y year

- 2003-2010
- 9998 don't know
- 9997 refused

w5q48 For someone with your major at (name of most recent college attended) how many credits are needed to graduate?

- 1-500 credits
- 998 don't know
- 997 refused

w5q49 By the end of spring 2003, how many credits will you have completed?

- 1-500 credits
- 998 don't know
- 997 refused

w5q50 In academic year 2003-2004 do you plan to attend school full time, part time, or not at all?

- 1 full-time
- 2 part-time
- 3 not at all
- 8 don't know
- 7 refused

w5q51a About how many of the twelve weeks of June, July, and August of 2003 do you expect to devote to each of the following activities:

leisure or vacation?

(use codes given below for q51a-q51f)

0-12 weeks

98 don't know

97 refused

w5q51b full-time or part-time work?

w5q51c internship in a for-profit organization?

w5q51d internship in a non-profit organization?

w5q51e volunteering in the community?

w5q51f training, education, or study, either full or part time?

FUTURE EMPLOYMENT

w5q52 In the fall of 2003 do you plan to be working full time, part time, or not at all?

- 1 full-time
- 2 part-time
- 3 not at all (**SKIP TO w5q61**)
- 8 don't know (**SKIP TO w5q61**)
- 7 refused (**SKIP TO w5q61**)

w5q53 What is the title of the occupation you most expect to hold next fall?
(use codes given in Appendix E)

w5q54 In what industry do you expect to be working next fall?
(use codes given in Appendix F)

w5q55 How many hours per week do you expect to work at this job?

- 1-60 hours per week
- 98 don't know
- 97 refused

w5q56a How much do you expect to be earning on this job?

dollars

- 1-50000 \$1 to \$50,000 dollars
- 9999998 don't know
- 9999997 refused

w5q56c cents

- 0-99 cents

w5q56u per unit:

- 1 hour
- 2 week
- 3 bi-weekly
- 4 month
- 5 year

w5q57 Do you view this job as a step towards a career you wish to have?

- 1 yes
- 5 no
- 8 don't know
- 7 refused

w5q58 What career is that?
(use codes given in Appendix E)

w5q59a Please indicate whether the following people or experiences have been important in leading you to want this career:

internship with an off-campus organization.
(use codes given below for w5q59a-l)

- 1 yes
- 5 no
- 8 don't know
- 7 refused

w5q59b research experience with a professor.

w5q59c classroom experience with a professor.

w5q59d independent study with a professor.

w5q59e extracurricular experience in college.

w5q59f volunteer experience in the community.

w5q59g teaching or tutoring experience.

w5q59h parental preferences.

w5q59i preferences of other relatives.

w5q59j advice from a campus career counselor.

w5q59k college peer pressure.

w5q59l prior job or work experience.

w5q60 How did you find out about this job?
(Use codes given in Appendix G)

w5q61 At this point in your college career, what is the highest degree you expect to obtain?

- 1 less than BA/BS (**SKIP TO w5q68a**)
- 2 BA/BS (**SKIP TO w5q68a**)
- 3 MA or equivalent (MBA, MPh, MSW, etc.)
- 4 PhD.
- 5 MD, LLD, or equivalent
- 8 don't know
- 7 refused
- 9 other, unable to recode

HIGHER EDUCATION

w5q62 Do you plan to attend graduate or professional school sometime in the next five years?

- 1 yes
- 3 already enrolled in advanced study
- 5 no (**SKIP TO w5q68a**)
- 8 don't know
- 7 refused

w5q63 In what area or field of study (are you continuing/do you plan to continue) your education?
(Use codes given in Appendix C)

w5q64 To how many graduate or professional schools (did you apply/have you applied)?

- 0 no schools (**SKIP TO w5q65a**)
- 1-20 schools
- 98 don't know
- 97 refused

w5q64ax Were you accepted?

- 1 yes
- 5 no (**SKIP TO w5q64b**)
- 8 don't know
- 7 refused

w5q64a At how many graduate or professional schools were you accepted?

- 0-20 schools
- 98 don't know
- 97 refused

w5q64b From how many schools have you not yet heard?

- 0-20 schools
- 98 don't know
- 97 refused

w5q64sum Total number of schools (q64a & q64b)

w5q65 Have you decided to accept an offer of admission to graduate or professional school in the fall of 2003?

- 1 yes
- 5 no (**SKIP TO w5q67a**)
- 8 don't know (**SKIP TO w5q67a**)
- 7 refused (**SKIP TO w5q67a**)

w5q65b What is the highest degree you seek to earn from (college)?

- 1 MA or equivalent (MBA, MPh, MSW, etc.)
- 2 PhD.
- 3 MD, LLD, or equivalent
- 8 don't know
- 7 refused

w5q65c How many years do you expect to take to earn this degree?

- 1-20 years
- 98 don't know
- 97 refused

w5q66a Of the total cost for your graduate or professional schooling, what percent will be funded by the following sources:

personal savings?

(Use codes given below for w5q66a-h)

- 0-100 percent
- 998 don't know
- 997 refused

w5q66b parental contributions?

w5q66c parental loans?

w5q66d contributions from other relatives?

w5q66e loans from other relatives?

w5q66f bank loans/student loans?

w5q66g scholarship or fellowship?

w5q66h full or part time work?

w5sum66 total number from q66a-q66h

w5q67a Please indicate whether the following people or experiences have been important in leading you to pursue this field of study:

internship with an off-campus organization.
(Use codes given below for w5q67a-l)

- 1 yes
- 5 no
- 8 don't know
- 7 refused

w5q67b research experience with a professor.

w5q67c classroom experience with a professor.

w5q67d independent study with a professor.

w5q67e extracurricular experience in college.

w5q67f volunteer experience in the community.

w5q67g teaching or tutoring experience.

w5q67h parental preferences.

w5q67i preferences of other relatives.

w5q67j advice from a campus career counselor.

w5q67k college peer pressure.

w5q67l prior job or internship experience.

VOLUNTEER WORK

w5q68a Beginning in the fall of 2003, do you expect to participate either full or part time in a voluntary organization?

- 1 yes
- 5 no (**SKIP TO w5q69xl**)
- 8 don't know (**SKIP TO w5q69xl**)
- 7 refused (**SKIP TO w5q69xl**)

w5q68b Which organization?
(Use codes given in Appendix H)

RELATIONSHIPS IN COLLEGE

w5q69x1 Now I would like you to think of the four people at (name of most recent college attended) with whom you have been closest during your college years. (please just tell me their first names or initials.)

(Use codes given below for w5q69x1-4)

first name given

- 1 name given
- 0 no name given

w5q69x(2-4) second – fourth name given

w5q69sum total number from (w5q69x1-w5q69x4)

w5q70a How long have you known (first name given)?

amount of time

- 1-25
- 98 don't know
- 97 refused

w5q70u unit

- 1 years
- 2 months
- 3 weeks
- 4 days

w5q70b How did you meet (first name given)?
(Use codes given in Appendix I)

w5q70 Is (first name given) white, black, Hispanic, Asian, or something else?

- 1 white
- 2 black/African-American
- 3 Hispanic
- 4 Asian
- 6 bi-racial
- 7 Native American
- 77 other, unable to recode
- 98 don't know
- 97 refused

Repeat above questions for second through fourth person, questions 71-73

RACIAL ATTITUDES

w5q75 To what extent do you think that what happens to other members of your own racial and ethnic group will affect what happens to you in your life: not at all, a little, somewhat, or a lot?

- 1 not at all
- 2 a little
- 3 somewhat
- 4 a lot
- 8 don't know
- 7 refused

IF zeth = "W", SKIP TO q78a

w5q76 What do you think should be more important to (blacks in the United States/Hispanics such as Mexicans/Asians such as the Chinese)-do you think it should be more important for them to be:

- 1 being (black/Hispanic/Asian,)
- 2 being American, or
- 3 should both identities be equally important?
- 8 don't know
- 7 refused

w5q77a On a scale of zero to 10, where zero means total disagreement and 10 indicates total agreement, please indicate the extent you agree with each of the following statements:

(blacks/Hispanics/Asians) should only vote for candidates who are (black/Hispanic/Asian).
(use codes given below for w5q77a-h)

- 0 totally disagree
- 1-9
- 10 totally agree
- 98 don't know
- 97 refused

w5q77b (Black/Hispanic/Asian) women should only date (black/Hispanic/Asian) men.

w5q77c (Black/Hispanic/Asian) men should only date (black/Hispanic/Asian) women.

w5q77d (Black/Hispanic/Asian) people should only marry other (black/Hispanic/Asian).

w5q77e (Black/Hispanic/Asian) consumers should shop in (black/Hispanic/Asian) owned stores.

w5q77f (Black/Hispanic/Asian) children should have mostly (black/Hispanic/Asian) friends.

w5q77g (Black/Hispanic/Asian) students should attend predominantly (black/Hispanic/Asian) schools.

w5q77h (Black/Hispanic/Asian) families should live in predominantly (black/Hispanic/Asian) neighborhoods.

w5q78a On a scale of zero to 10, where zero means very distant and 10 means very close, how close do you feel to whites in terms of your ideas and feelings about things?
(use codes given below for w5q78a-w)

0 very distant

1-9

10 very close

98 don't know

97 refused

w5q78b blacks?

w5q78c Hispanics?

w5q78d Asians?

w5q78e poor whites?

w5q78f poor blacks?

w5q78g poor Hispanics?

w5q78h poor Asians?

w5q78i middle-class whites?

w5q78j middle-class blacks?

w5q78k middle-class Hispanics?

w5q78l middle-class Asians?

w5q78m rich whites?

- w5q78n** rich blacks?
- w5q78o** rich Hispanics?
- w5q78p** rich Asians?
- w5q78q** whites who benefit from legacy admissions?
- w5q78r** blacks who benefit from affirmative action?
- w5q78s** Hispanics who benefit from affirmative action?
- w5q78t** white students at (name of most recent college attended)?
- w5q78u** black students at (name of most recent college attended)?
- w5q78v** Hispanic students at (name of most recent college attended)?
- w5q78w** Asian students at (name of most recent college attended)?

w5q79a Now I would like you to rate each racial or ethnic group on a seven point scale. In the first statement, a score of 1 means that you think almost all of the people in that group are “rich”. A score of 7 means that you think that almost everyone in the group is “poor”. A score of 4 means you think that the group is not towards one end or the other, and, of course, you may choose any number in between that come closest to where you think people in the group stand.

Where would you rate whites on a scale, where 1 means they tend to be rich and 7 means they tend to be poor?
(use codes given below for w5q79a-d)

1 rich
2-6
7 poor
98 don't know
97 refused

- w5q79b** Where would you rate Asians on a scale, where 1 means they tend to be rich and 7 means they tend to be poor?
- w5q79c** blacks?
- w5q79d** Hispanics?

w5q80a Next, for each group I want to know whether you think they tend to be lazy, or tend to be hard-working. A score of 1 means that you think almost all of the people in that group are “lazy”. A score of 7 means that you think almost everyone in the group is “hard-working”. A score of 4 means you think that the group is not towards one end or the other, and, of course, you may choose any number in between that comes closest to where you think people in the group stand.

Where would you rate whites on a scale, where 1 means tends to be lazy and 7 means tends to be hard-working?
(use codes given below for w5q80a-d)

1 lazy
2-6
7 hard-working
98 don't know
97 refused

w5q80b Where would you rate Asians on a scale, where 1 means tends to be lazy and 7 means tends to be hard-working?

w5q80c blacks?

w5q80d Hispanics?

w5q81a Where would you rate whites on a scale, where 1 means tends to be unintelligent and 7 means tends to be intelligent?
(Use codes given below for w5q81a-d)

1 unintelligent
2-6
7 intelligent
98 don't know
97 refused
98

w5q81b Where would you rate Asians on a scale, where 1 means tends to be unintelligent and 7 means tends to be intelligent?

w5q81c blacks?

w5q81d Hispanics?

w5q82a Where would you rate whites on a scale, where 1 means tends to prefer to be self-supporting and 7 means tends to prefer to live off welfare?
(Use codes given below for w5q82a-d)

1 self-supporting
2-6
7 live off welfare
98 don't know
97 refused

w5q82b Where would you rate Asians on a scale, where 1 means tends to prefer to be self-supporting and 7 means tends to prefer to live off welfare?

w5q82c blacks?

w5q82d Hispanics?

w5q83a Where would you rate whites on a scale, where 1 means tends to be hard to get along with and 7 means tends to be easy to get along with?
(Use codes given below for w5q83a-d)

1 hard to get along with
2-6
7 easy to get along with
98 don't know
97 refused

w5q83b Where would you rate Asians on a scale, where 1 means tends to be hard to get along with and 7 means tends to be easy to get along with?

w5q83c blacks?

w5q83d Hispanics?

w5q84a Where would you rate whites on a scale, where 1 means tends to give up easily and 7 means tends to stick with a task until the end?
(Use codes given below for w5q84a-d)

1 give up easily
2-6
7 stick with it
98 don't know
97 refused

w5q84b Where would you rate Asians on a scale, where 1 means tends to give up easily and 7 means tends to stick with a task until the end?

w5q84c blacks?

w5q84d Hispanics?

w5q85a Where would you rate whites on a scale, where 1 means tends to treat members of other groups equally and 7 means tends to discriminate against members of other groups?
(use codes given below for w5q85a-d)

1 treat equally
2-6
7 discriminate against others
98 don't know
97 refused

w5q85b Where would you rate Asians on a scale, where 1 means tends to treat members of other groups equally and 7 means tends to discriminate against members of other groups?

w5q85c blacks?

w5q85d Hispanics?

w5q86a I am now going to read some statements about various situations that affect people in the United States. Please listen to the statements carefully and on a scale of zero to 10, tell me how much you disagree or agree. If you completely disagree, say zero; if you completely agree, say 10; and if you are neutral, say 5. Feel free to use any number between zero and 10.

Many blacks have only themselves to blame for not doing better in life. if they tried harder, they would do better.
(use codes given below for w5q86a-i)

0 strongly disagree
1-9
10 strongly agree
98 don't know
97 refused

w5q86b When two qualified people, one black and one white, are considered for the same job, the black won't get the job no matter how hard he or she tries.

w5q86c The best way to overcome discrimination is for each individual black to be even better trained and more qualified than the most qualified white person.

- w5q86d** Many Hispanics have only themselves to blame for not doing better in life. if they tried harder, they would do better.
- w5q86e** When two qualified people, one Hispanic and one white, are considered for the same job, the Hispanic won't get the job no matter how hard he or she tries.
- w5q86f** The best way to overcome discrimination is for each individual Hispanic to be even better trained and more qualified than the most qualified white person.
- w5q86g** Many Asians have only themselves to blame for not doing better in life. if they tried harder, they would do better.
- w5q86h** When two qualified people, one Asian and one white, are considered for the same job, the Asian won't get the job no matter how hard he or she tries.
- w5q86i** The best way to overcome discrimination is for each individual Asian to be even better trained and more qualified than the most qualified white person.

SELF-CONSCIOUSNESS IN COLLEGE

w5q87a Using a scale of zero to 10, where zero indicates total disagreement and 10 indicates total agreement, how much do you disagree or agree with the following statements:

I don't want to look foolish or stupid in class.
(use codes given below for w5q87a-i)

0 totally disagree
1-9
10 totally agree
98 don't know
97 refused

w5q87b If I don't do well, people will look down on others like me.

w5q87c If I am having trouble with course material, other students probably are as well.

w5q87d If I let my instructors know that I am having difficulty in class, they will think less of me.

w5q87e If I let other students know that I am having difficulty in class, they will think less of me.

w5q87f If instructors hold negative stereotypes about certain groups, it will not affect their evaluations of individual students from that group.

w5q87g If other students hold negative stereotypes about certain groups, it will not affect their evaluations of individual students from that group.

w5q87h If I excel academically, it reflects positively on my racial or ethnic group.

w5q87i If I do poorly academically, it reflects negatively on my racial or ethnic group.

RACIAL DIVERSITY ON CAMPUS

w5q88a On a scale of zero to 10, where zero indicates no interaction at all and 10 indicates a great deal of interaction, how much interaction have you had over the past four years with members of the following groups:

whites?

(use codes given below for w5q88a-d)

0 no interaction
1-9
10 great deal of interaction
98 don't know
97 refused

w5q88b blacks?

w5q88c Hispanics?

w5q88d Asians?

w5q89a Using a zero to 10 scale, where zero stands for very poor and 10 for excellent, how would you describe the following intergroup relations among students on (name of most recent college attended)'s campus?

whites and blacks?

(use codes given below for w5q89a-f)

0 very poor
1-9
10 excellent
98 don't know
97 refused

w5q89b whites and Hispanics?

w5q89c whites and Asians?

w5q89d blacks and Hispanics?

w5q89e blacks and Asians?

w5q89f Hispanics and Asians?

w5q90a On a scale of zero to 10, where zero indicates you strongly disagree and 10 indicates you strongly agree, to what extent do you disagree or agree with the following statements:

Affirmative action has lowered academic standards on (name of most recent college attended)'s campus?

(use codes given below for w5q90a-e)

0 strongly disagree

1-9

10 strongly agree

98 don't know

97 refused

w5q90b White students are visible on campus.

w5q90c Black students are visible on campus.

w5q90d Asian students are visible on campus.

w5q90e Hispanic students are visible on campus.

w5q91 How do you see (name of most recent college attended)'s commitment to racial and ethnic diversity on campus? is diversity emphasized:

1 way too little,

2 somewhat too little,

3 just enough,

4 somewhat too much, or

5 way too much?

8 don't know

7 refused

APPENDIX B: COLLEGE DEPARTMENT

APPENDIX C: COLLEGE MAJOR

APPENDIX E: OCCUPATION CODES FROM U.S. CENSUS 1990

APPENDIX F: INDUSTRY CODES FROM U.S. CENSUS 1990

APPENDIX G: HOW FOUND OUT ABOUT JOB?

APPENDIX H: VOLUNTARY ORGANIZATION

APPENDIX I: KIND OF MEETING

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APPENDIX B

COLLEGE DEPARTMENT

(q3aA(x),q8A(x),q11A(x),q14A(x),q16A(x))

<11>	African American Studies	<32>	Religion/Theology
<12>	Anthropology/Archaeology	<33>	Sociology
<13>	Art History/Fine Arts/Visual Arts	<34>	Spanish
<14>	Athletics/Physical Education/Kinesiology	<35>	Theater/Radio, Television/Film/Drama
<15>	Biology/Human Biology	<36>	Womens Studies
<16>	Business & Management	<37>	Engineering, all
<17>	Chemistry	<38>	Foreign Languages/Other or Unspecified Romance Languages
<18>	Criminal Justice	<40>	Science, Other or Unspecified
<19>	Computer/Information Science	<41>	Nursing
<20>	Economics	<42>	Asian/Near-Eastern and Middle Eastern Studies
<21>	English/Comparative Literature/Literature	<43>	Arts and Sciences/Arts and Letters (Unspecified)
<22>	Finance	<45>	Urban Studies
<23>	Geography	<48>	Legal Studies
<24>	History	<49>	Communications/Linguistics/ Speech
<25>	Journalism	<50>	Classical Studies
<26>	Mathematics/Statistics	<52>	Linguistics/Speech
<27>	Music/Dance	<53>	Social Sciences, Other or Unspecified
<28>	Philosophy	<54>	Education
<29>	Political Science		
<30>	Physics		
<31>	Psychology		

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APPENDIX B (Continued)

<55>	Accounting	<73>	First Year Studies/Freshmen Seminar
<56>	Agriculture/Botony	<74>	Geology
<57>	Air Force	<75>	Government
<58>	Allied Health	<76>	Health/Gerontology
<59>	American Studies	<77>	Hispanic Studies/Latin American Studies
<60>	Ames/Aims	<78>	Honors
<61>	Applied Studies	<79>	Humanities
<62>	Architecture	<80>	Human Development/Human Performance
<63>	Army	<81>	Interdisciplinary Studies/Interdepartmental program
<64>	Astrology/Astronomy	<82>	Learning Assistance/Learning Systems
<65>	Behavioral Science	<83>	Marketing
<66>	Composition/Writing/& Critical Thinking	<84>	Military Science
<67>	Comprehensive Studies	<85>	Nutrition/Dietetics
<68>	Core Curriculum/Class/University Studies Course	<86>	Operation & Information Management/OPIM
<69>	Conservatory	<87>	Public Health
<70>	Ecology/Environmental Science & Design/Natural Resources/Recreation	<88>	Rhetoric
<71>	Ethnic Studies/Cultural Diversities	<89>	Zoology
<72>	Experimental College	<90>	International Studies
		<91>	Pharmacy
		<92>	Studied Abroad
		<93>	Occupational Therapy
		<777>	Other
		<998>	Don't Know
		<997>	Refused

**NATIONAL LONGITUDINAL SURVEY OF FRESHMEN
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**APPENDIX C
 COLLEGE MAJOR
 q17(x),q21b(x),(q63)**

<0>	None, No major	<28>	Foreign Language
<1>	Actuarial Science	<29>	Math/Statistics
<2>	Anthropology/Classical Civilization/ Archaeology	<30>	Marketing
<3>	Bio-Chemistry	<31>	Art/Art History/Fine Arts
<4>	Bio-Engineering	<32>	Advertising /Public Relations
<5>	Biological Basis Of Behavior	<33>	Aerospace Engineering
<6>	Biology	<34>	African-American Studies
<7>	Business/Finance/Accounting/ Hotel Management	<35>	Agriculture/Botany
<8>	Chemical Engineering	<36>	Architecture
<9>	Chemistry	<37>	Education
<10>	Civil Engineering	<38>	Engineering, Other or unspecified
<11>	Communications/Telecommunicatio ns	<39>	Environmental Science/Engineering/ Policy/Ecology
<12>	Computer Science/Information Science/Computer Engineering	<40>	Exercise/Sports Science/ Kinesiology
<13>	Criminal Justice	<41>	Health/Health Care Policy
<14>	Economics	<42>	Interdisciplinary Studies
<15>	Electrical Engineering	<43>	Journalism
<16>	Geography	<44>	Medicine
<17>	English/English Literature		
<18>	History/Social Studies	<45>	Music/Dance
<19>	International Relations/Politics/ Diplomacy/Foreign Relations	<46>	Neuroscience
<20>	Material Science	<47>	Pharmacy
<21>	Mechanical Science	<48>	Philosophy
<22>	Nursing	<49>	Physical Therapy
<23>	Physics	<50>	Radio/Television/Film/Theatre/ Drama
<24>	Political Science/Public Policy/ Government	<51>	Religion/Theology
<25>	Pre-Med	<52>	Science, Other or unspecified
<26>	Psychology	<53>	Urban Studies
<27>	Sociology/Social Science/Social Policy	<54>	Zoology/Wildlife Science

(CONTINUED ON NEXT PAGE)

APPENDIX C (CONTINUED)

- <55> General Studies
- <56> American Studies
- <57> Symbolic Systems
- <58> Law/JD
- <59> Women's Studies/Feminist
- <60> Geology
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- <62> Family Studies
- <63> Human Development/Development
Studies
- <64> Human Resource
Management/Labor
Industry/Organizational Leadership
- <65> Speech
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- <66> Rhetoric
- <67> Pre-Vet/Veterinary
- <68> Pre-dentistry/Dental/Orthodontist
- <69> Asian Studies
- <70> Occupational Therapy
- <71> Culinary Arts/Cooking

- <777> Other, unable to recode
- <998> Don't Know
- <997> Refused

**NATIONAL LONGITUDINAL SURVEY OF FRESHMEN
SPRING 2002 CATI INTERVIEW (WAVE5)
APPENDIX E-OCCUPATION**

**OCCUPATION CODES FROM U.S. CENSUS 1990 ALPHABETICAL INDEX
OF INDUSTRIES & OCCUPATION (q6b,q26b,q53,q58)**



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1990 Occupation Codes

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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 the 1950 categories is more problematic than for earlier census years.

[MANAGERIAL AND
PROFESSIONAL
SPECIALTY OCCUPATIONS](#)

[TECHNICAL, SALES, AND
ADMINISTRATIVE
SUPPORT OCCUPATIONS](#)

[SERVICE OCCUPATIONS](#)

[FARMING, FORESTRY,
AND FISHING
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[OPERATORS,
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[MILITARY
OCCUPATIONS](#)

[EXPERIENCED
UNEMPLOYED NOT
CLASSIFIED BY
OCCUPATION](#)

NOT APPLICABLE

000 N/A (not applicable)

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.

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
- 073 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

- 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 Expeditors
- 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

447 Nursing aides, orderlies, and attendants

Cleaning and Building Service Occupations, Except Household:

448 Supervisors, cleaning and building service workers

449 Maids and housemen

453 Janitors and cleaners

454 Elevator operators

455 Pest control occupations

Personal Service Occupations:

456 Supervisors, personal service occupations

457 Barbers

458 Hairdressers and cosmetologists

459 Attendants, amusement and recreation facilities

461 Guides

462 Ushers

463 Public transportation attendants

464 Baggage porters and bellhops

465 Welfare service aides

466 Family child care providers

467 Early childhood teachers' assistants

468 Child care workers, n.e.c.

469 Personal service occupations, n.e.c.

FARMING, FORESTRY, AND FISHING OCCUPATIONS

Farm Operators and Managers:

473 Farmers, except horticultural

474 Horticultural specialty farmers

475 Managers, farms, except horticultural

476 Managers, horticultural specialty farms

Other Agricultural and Related Occupations:

Farm Occupations, Except Managerial:

477 Supervisors, farm workers

479 Farm workers

483 Marine life cultivation workers

484 Nursery workers

Related Agricultural Occupations:

485 Supervisors, related agricultural occupations

486 Groundskeepers and gardeners, except farm

487 Animal caretakers, except farm

488 Graders and sorters, agricultural products

489 Inspectors, agricultural products

Forestry and Logging Occupations:

494 Supervisors, forestry, and logging workers

495 Forestry workers except logging

496 Timber cutting and logging occupations

Fishers, Hunters, and Trappers:

497 Captains and other officers, fishing vessels

498 Fishers

499 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
- 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

- 668 Upholsterers
- 669 Shoe repairers
- 674 Miscellaneous precision apparel and fabric workers

Precision Workers, Assorted Materials:

- 675 Hand molders and shapers, except jewelers
- 676 Patternmakers, lay-out workers, and cutters
- 677 Optical goods workers
- 678 Dental laboratory and medical appliance technicians
- 679 Bookbinders
- 683 Electrical and electronic equipment assemblers
- 684 Miscellaneous precision workers, n.e.c.

Precision Food Production Occupations:

- 686 Butchers and meat cutters
- 687 Bakers
- 688 Food batchmakers

Precision Inspectors, Testers, and Related Workers:

- 689 Inspectors, testers, and graders
- 693 Adjusters and calibrators

Plant and System Operators:

- 694 Water and sewage treatment plant operators
- 695 Power plant operators
- 696 Stationary engineers
- 699 Miscellaneous 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:

- 703 Lathe and turning machine set-up operators
- 704 Lathe and turning machine operators
- 705 Milling and planing machine operators
- 706 Punching and stamping press machine operators
- 707 Rolling machine operators
- 708 Drilling and boring machine operators
- 709 Grinding, abrading, buffing, and polishing machine operators
- 713 Forging machine operators
- 714 Numerical control machine operators
- 715 Miscellaneous metal, plastic, stone, and glass working machine operators
- 717 Fabricating machine operators, n.e.c.

Metal and Plastic Processing Machine Operators:

- 719 Molding and casting machine operators
- 723 Metal plating machine operators
- 724 Heat treating equipment operators
- 725 Miscellaneous metal and plastic processing machine operators

Woodworking Machine Operators:

- 726 Wood lathe, routing, and planing machine operators
- 727 Sawing machine operators
- 728 Shaping and joining machine operators
- 729 Nailing and tacking machine operators
- 733 Miscellaneous 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

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IPUMS

**NATIONAL LONGITUDINAL SURVEY OF FRESHMEN
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APPENDIX F-INDUSTRY
INDUSTRY CODES FROM U.S. CENSUS 1990 ALPHABETICAL INDEX
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1990 Industry Codes

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This page presents the 1990 census industrial classification system recorded in the IPUMS variable [IND](#). The page shows each industrial category and its corresponding IND code. The industries are organized into several large groupings (e.g., agriculture). In addition to this contemporary system, the IPUMS codes all census years into the 1950 industrial classification scheme, recording them in the variable [IND1950](#).

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Industrial Category		
NOT APPLICABLE	WHOLESALE TRADE	PROFESSIONAL AND RELATED SERVICES
AGRICULTURE, FORESTRY, AND FISHERIES	RETAIL TRADE	PUBLIC ADMINISTRATION
MINING	FINANCE, INSURANCE, AND REAL ESTATE	ACTIVE DUTY MILITARY
CONSTRUCTION	BUSINESS AND REPAIR SERVICES	EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY
MANUFACTURING	PERSONAL SERVICES	
TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES	ENTERTAINMENT AND RECREATION SERVICES	

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NOT APPLICABLE

000 N/A (not applicable)

AGRICULTURE, FORESTRY, AND FISHERIES

010 Agricultural production, crops
 011 Agricultural production, livestock
 012 Veterinary services
 020 Landscape and horticultural services

- 030 Agricultural services, n.e.c.
- 031 Forestry
- 032 Fishing, hunting, and trapping

MINING

- 040 Metal mining
- 041 Coal mining
- 042 Oil and gas extraction
- 050 Nonmetallic mining and quarrying, except fuels

CONSTRUCTION

- 060 All construction

MANUFACTURING**Nondurable Goods****Food and kindred products:**

- 100 Meat products
- 101 Dairy products
- 102 Canned, frozen, and preserved fruits and vegetables
- 110 Grain mill products
- 111 Bakery products
- 112 Sugar and confectionery products
- 120 Beverage industries
- 121 Misc. food preparations and kindred products
- 122 Food industries, n.s.

- 130 Tobacco manufactures

Textile mill products:

- 132 Knitting mills
- 140 Dyeing and finishing textiles, except wool and knit goods
- 141 Carpets and rugs
- 142 Yarn, thread, and fabric mills
- 150 Miscellaneous textile mill products

Apparel and other finished textile products:

- 151 Apparel and accessories, except knit
- 152 Miscellaneous fabricated textile products

Paper and allied products:

- 160 Pulp, paper, and paperboard mills
- 161 Miscellaneous paper and pulp products

162 Paperboard containers and boxes

Printing, publishing, and allied industries:

171 Newspaper publishing and printing

172 Printing, publishing, and allied industries, except newspapers

Chemicals and allied products:

180 Plastics, synthetics, and resins

181 Drugs

182 Soaps and cosmetics

190 Paints, varnishes, and related products

191 Agricultural chemicals

192 Industrial and miscellaneous chemicals

Petroleum and coal products:

200 Petroleum refining

201 Miscellaneous petroleum and coal products

Rubber and miscellaneous plastics products:

210 Tires and inner tubes

211 Other rubber products, and plastics footwear and belting

212 Miscellaneous plastics products

Leather and leather products:

220 Leather tanning and finishing

221 Footwear, except rubber and plastic

222 Leather products, except footwear

Durable Goods

Lumber and wood products, except furniture:

230 Logging

231 Sawmills, planing mills, and millwork

232 Wood buildings and mobile homes

241 Miscellaneous wood products

242 Furniture and fixtures

Stone, clay, glass, and concrete products:

250 Glass and glass products

251 Cement, concrete, gypsum, and plaster products

252 Structural clay products

261 Pottery and related products

262 Misc. nonmetallic mineral and stone products

Metal industries:

270 Blast furnaces, steelworks, rolling and finishing mills

271 Iron and steel foundries

- 272 Primary aluminum industries
- 280 Other primary metal industries
- 281 Cutlery, handtools, and general hardware
- 282 Fabricated structural metal products
- 290 Screw machine products
- 291 Metal forgings and stampings
- 292 Ordnance
- 300 Miscellaneous fabricated metal products
- 301 Metal industries, n.s.

Machinery and computing equipment:

- 310 Engines and turbines
- 311 Farm machinery and equipment
- 312 Construction and material handling machines
- 320 Metalworking machinery
- 321 Office and accounting machines
- 322 Computers and related equipment
- 331 Machinery, except electrical, n.e.c.
- 332 Machinery, n.s.

Electrical machinery, equipment, and supplies:

- 340 Household appliances
- 341 Radio, TV, and communication equipment
- 342 Electrical machinery, equipment, and supplies, n.e.c.
- 350 Electrical machinery, equipment, and supplies, n.s.

Transportation equipment:

- 351 Motor vehicles and motor vehicle equipment
- 352 Aircraft and parts
- 360 Ship and boat building and repairing
- 361 Railroad locomotives and equipment
- 362 Guided missiles, space vehicles, and parts
- 370 Cycles and miscellaneous transportation equipment

Professional and photographic equipment, and watches:

- 371 Scientific and controlling instruments
- 372 Medical, dental, and optical instruments and supplies
- 380 Photographic equipment and supplies
- 381 Watches, clocks, and clockwork operated devices

- 390 Toys, amusement, and sporting goods
- 391 Miscellaneous manufacturing industries
- 392 Manufacturing industries, n.s.

TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES

Transportation:

- 400 Railroads
- 401 Bus service and urban transit
- 402 Taxicab service
- 410 Trucking service
- 411 Warehousing and storage
- 412 U.S. Postal Service
- 420 Water transportation
- 421 Air transportation
- 422 Pipe lines, except natural gas
- 432 Services incidental to transportation

Communications:

- 440 Radio and television broadcasting and cable
- 441 Telephone communications
- 442 Telegraph and miscellaneous communications services

Utilities and sanitary services:

- 450 Electric light and power
- 451 Gas and steam supply systems
- 452 Electric and gas, and other combinations
- 470 Water supply and irrigation
- 471 Sanitary services
- 472 Utilities, n.s.

WHOLESALE TRADE**Durable Goods:**

- 500 Motor vehicles and equipment
- 501 Furniture and home furnishings
- 502 Lumber and construction materials
- 510 Professional and commercial equipment and supplies
- 511 Metals and minerals, except petroleum
- 512 Electrical goods
- 521 Hardware, plumbing and heating supplies
- 530 Machinery, equipment, and supplies
- 531 Scrap and waste materials
- 532 Miscellaneous wholesale, durable goods

Nondurable Goods:

- 540 Paper and paper products
- 541 Drugs, chemicals, and allied products
- 542 Apparel, fabrics, and notions
- 550 Groceries and related products
- 551 Farm-product raw materials
- 552 Petroleum products

560 Alcoholic beverages
561 Farm supplies
562 Miscellaneous wholesale, nondurable goods
571 Wholesale trade, n.s.

RETAIL TRADE

580 Lumber and building material retailing
581 Hardware stores
582 Retail nurseries and garden stores
590 Mobile home dealers
591 Department stores
592 Variety stores
600 Miscellaneous general merchandise stores
601 Grocery stores
602 Dairy products stores
610 Retail bakeries
611 Food stores, n.e.c.
612 Motor vehicle dealers
620 Auto and home supply stores
621 Gasoline service stations
622 Miscellaneous vehicle dealers
623 Apparel and accessory stores, except shoe
630 Shoe stores
631 Furniture and home furnishings stores
632 Household appliance stores
633 Radio, TV, and computer stores
640 Music stores
641 Eating and drinking places
642 Drug stores
650 Liquor stores
651 Sporting goods, bicycles, and hobby stores
652 Book and stationery stores
660 Jewelry stores
661 Gift, novelty, and souvenir shops
662 Sewing, needlework, and piece goods stores
663 Catalog and mail order houses
670 Vending machine operators
671 Direct selling establishments
672 Fuel dealers
681 Retail florists
682 Miscellaneous retail stores
691 Retail trade, n.s.

FINANCE, INSURANCE, AND REAL ESTATE

- 700 Banking
- 701 Savings institutions, including credit unions
- 702 Credit agencies, n.e.c.
- 710 Security, commodity brokerage, and investment companies
- 711 Insurance
- 712 Real estate, including real estate-insurance offices

BUSINESS AND REPAIR SERVICES

- 721 Advertising
- 722 Services to dwellings and other buildings
- 731 Personnel supply services
- 732 Computer and data processing services
- 740 Detective and protective services
- 741 Business services, n.e.c.
- 742 Automotive rental and leasing, without drivers
- 750 Automobile parking and carwashes
- 751 Automotive repair and related services
- 752 Electrical repair shops
- 760 Miscellaneous repair services

PERSONAL SERVICES

- 761 Private households
- 762 Hotels and motels
- 770 Lodging places, except hotels and motels
- 771 Laundry, cleaning, and garment services
- 772 Beauty shops
- 780 Barber shops
- 781 Funeral service and crematories
- 782 Shoe repair shops
- 790 Dressmaking shops
- 791 Miscellaneous personal services

ENTERTAINMENT AND RECREATION SERVICES

- 800 Theaters and motion pictures
- 801 Video tape rental
- 802 Bowling centers
- 810 Miscellaneous entertainment and recreation services

PROFESSIONAL AND RELATED SERVICES

- 812 Offices and clinics of physicians
- 820 Offices and clinics of dentists

821 Offices and clinics of chiropractors
822 Offices and clinics of optometrists
830 Offices and clinics of health practitioners, n.e.c.
831 Hospitals
832 Nursing and personal care facilities
840 Health services, n.e.c.
841 Legal services
842 Elementary and secondary schools
850 Colleges and universities
851 Vocational schools
852 Libraries
860 Educational services, n.e.c.
861 Job training and vocational rehabilitation services
862 Child day care services
863 Family child care homes
870 Residential care facilities, without nursing
871 Social services, n.e.c.
872 Museums, art galleries, and zoos
873 Labor unions
880 Religious organizations
881 Membership organizations, n.e.c.
882 Engineering, architectural, and surveying services
890 Accounting, auditing, and bookkeeping services
891 Research, development, and testing services
892 Management and public relations services
893 Miscellaneous professional and related services

PUBLIC ADMINISTRATION

900 Executive and legislative offices
901 General government, n.e.c.
910 Justice, public order, and safety
921 Public finance, taxation, and monetary policy
922 Administration of human resources programs
930 Administration of environmental quality and housing programs
931 Administration of economic programs
932 National security and international affairs

ACTIVE DUTY MILITARY

Armed Forces:

940 Army
941 Air Force
942 Navy
950 Marines
951 Coast Guard

952 Armed Forces, branch not specified
960 Military Reserves or National Guard

EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY

992 Last worked 1984 or earlier

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**NATIONAL LONGITUDINAL SURVEY OF FRESHMEN
SPRING 2002 CATI INTERVIEW (WAVE5)
APPENDIX G**

How did you find out about the job? (q26d,q60s)

- <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
- <23> "Inroads"
- <24> Career/Job Fair
- <25> Prior knowledge of job/always wanted to do this
- <26> Other organization or program

- <77> Other, (Unable to recode)
- <98> Don't know
- <97> Refused

**NATIONAL LONGITUDINAL SURVEY OF FRESHMEN
SPRING 2002 CATI INTERVIEW (WAVE5)
APPENDIX H
VOLUNTARY ORGANIZATION (q68@b)**

HEALTH & WELFARE RELATED ORGANIZATION

- 1 AMERICAN CANCER SOCIETY
- 1 AMERICAN HEART ASSOCIATION
- 1 AMERICAN MEDICAL ASSOCIATION
- 1 DIABETES
- 1 MARCH OF DIMES
- 1 HEALTH ORGANIZATION, OTHER OR UNSPECIFIED
- 2 AMBULANCE SERVICE
- 2 CHILDREN'S HOSPITAL
- 2 CLINIC, OTHER OR UNSPECIFIED
- 2 HOSPITAL, OTHER OR UNSPECIFIED
- 2 WOMEN'S CENTER
- 3 LIFE CRISIS HOTLINE
- 3 RAPE CRISIS CENTER
- 4 PLANNED PARENTHOOD
- 5 CHILDREN'S RIGHTS OR WELFARE ORGANIZATION

EDUCATION RELATED ORGANIZATION

- 11 AMERICA READS
- 11 CHILDREN'S MENTORING OR EDUCATION PROGRAM
- 11 MENTORING/ TUTORING, OTHER OR UNSPECIFIED
- 11 TUTORING/ MENTORING, OTHER OR UNSPECIFIED

YOUTH ORGANIZATION, INCLUDING SPORTS ORGANIZATIONS

- 21 BIG BROTHERS/ BIG SISTERS
- 22 BOYS AND GIRLS CLUB OF AMERICA
- 23 BOY SCOUTS/ GIRL SCOUTS
- 24 YMCA/ YWCA
- 25 SPORTS LEAGUE OR ORGANIZATION, OTHER OR UNSPECIFIED
- 26 SPECIAL OLYMPICS

COMMUNITY SERVICE ORGANIZATION

- 31 AMERICAN RED CROSS
- 31 RED CROSS
- 32 AMERICORPS
- 33 PEACE CORPS
- 34 HABITAT FOR HUMANITY
- 35 FOOD BANK
- 35 FOOD COOPERATIVE
- 35 SOUP KITCHEN
- 36 UNITED WAY

(CONTINUED ON NEXT PAGE)

**COMMUNITY SERVICE ORGANIZATION
APPENDIX H (CONTINUED)**

- 41 COMMUNITY IMPACT
- 41 COMMUNITY LEGAL SERVICES
- 41 COMMUNITY ORGANIZATION, OTHER OR UNSPECIFIED
- 42 BAPTIST STUDENT MINISTRY
- 42 CAMPUS CRUSADE FOR CHRIST
- 42 CATHOLIC ORGANIZATION
- 42 CHRISTIAN FELLOWSHIP
- 42 CHURCH OF CHRIST
- 42 WORLD MINISTRIES
- 42 CHURCH ORGANIZATION, OTHER OR UNSPECIFIED
- 43 ARMENIAN STUDENT ASSOCIATION
- 43 ASIAN STUDENT ASSOCIATION
- 43 ASIAN AMERICAN
- 43 BLACK STUDENT ASSOCIATION
- 43 CHINATOWN REVITALIZATION PROJECT
- 43 CULTURAL SURVIVAL
- 43 INTERNATIONAL CENTER
- 43 PUERTO RICAN LECAN & EDUCATION DEFENSE
- 43 ETHNIC ORGANIZATION, OTHER OR UNSPECIFIED
- 44 FRATERNITY/ SORORITY
- 45 GAY & LESBIAN ORGANIZATION
- 46 BLIND AND/OR DEAF PERSONS SERVICES
- 47 ALUMNI ASSOCIATION
- 48 OTHER CAMPUS ORGANIZATION, UNSPECIFIED

LEGAL, JUSTICE, POLITICAL, HUMAN RIGHTS ORGANIZATION

- 51 JUVENILE JUSTICE CENTER
- 51 LEGAL AID SOCIETY
- 51 LEGAL AID/ JUSTICE ORGANIZATION, OTHER OR UNSPECIFIED
- 52 AMNESTY INTERNATIONAL
- 52 HUMAN RIGHTS ORGANIZATION, OTHER OR UNSPECIFIED
- 53 DEMOCRATIC PARTY
- 53 POLITICAL ORGANIZATION, OTHER OR UNSPECIFIED
- 54 UNITED NATIONS

ANIMAL &/OR ENVIRONMENTAL ORGANIZATION

- 61 ANIMAL RESCUE
- 61 SPCA
- 62 ENDANGERED SPECIES ORGANIZATION
- 63 ENVIRONMENTAL ORGANIZATION
- 64 NATIONAL PARK SERVICE

(CONTINUED ON NEXT PAGE)

APPENDIX H (CONTINUED)

OCCUPATIONAL ORGANIZATION

71 ENGINEERING OR ARCHITECTURE ORGANIZATION, OTHER OR UNSPECIFIED

CULTURAL ORGANIZATION

81 MUSIC

82 THEATER

83 MUSEUM

777 OTHER, UNABLE TO RECODE

998 DON'T KNOW

997 REFUSED

999 MISSING

**NATIONAL LONGITUDINAL SURVEY OF FRESHMEN
SPRING 2002 CATI INTERVIEW (WAVE5)**

APPENDIX I

(q70@b,q71@b,q72@b,q73@b)

- <1> Person is a relative
- <2> Person is/was a grade school/middle school/high school friend
- <3> Person is/was a neighbor
- <4> Person is/was a roommate/dorm-mate/house-mate
- <5> Person is/was a professor/teacher
- <6> Advisor
- <7> Counselor/Counseling
- <8> Person is/was boyfriend/girlfriend
- <9> Know/Knew from home town

- <21> Met through a friend/through an acquaintance
- <22> Met at job/through work
- <23> Met in the dorms/residence halls/housing/cafeteria
- <24> Met in a class
- <25> Met in a school program/seminar
- <26> Met through fraternity/sorority
- <27> Met at a social event/party
- <28> Met through a family member
- <29> Met through the internet

- <41> Met in sports activity/organization
- <42> Met in religious activity/organization
- <43> Met in music or dance activity/organization
- <44> Met in other extra-curricular activity/organization
- <45> Met at a campus organization, unspecified

- <71> Met on-campus/at college/at school

- <777> Other, unable to recode
- <998> Don't know
- <999> Missing