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

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
9999998 don’t know
9999997 refused

\textbf{w5q6cc} cents

0-99 cents

\textbf{w5q6cu} per unit:

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

\textbf{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                25    Distinction
To Recode
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
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
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 25  Distinction
To Recode
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
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:
(\textbf{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.
COLLEGE 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?
(\textit{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
6. don’t know
7. refused
8. other, unable to recode
**HIGHER EDUCATION**

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<tr>
<th>Question</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>w5q62</td>
<td>Do you plan to attend graduate or professional school sometime in the next five years?</td>
</tr>
<tr>
<td>1</td>
<td>yes</td>
</tr>
<tr>
<td>3</td>
<td>already enrolled in advanced study</td>
</tr>
<tr>
<td>5</td>
<td>no (SKIP TO w5q68a)</td>
</tr>
<tr>
<td>8</td>
<td>don’t know</td>
</tr>
<tr>
<td>7</td>
<td>refused</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Question</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>w5q63</td>
<td>In what area or field of study (are you continuing/do you plan to continue) your education? (Use codes given in Appendix C)</td>
</tr>
<tr>
<td>w5q64</td>
<td>To how many graduate or professional schools (did you apply/have you applied)?</td>
</tr>
<tr>
<td>0</td>
<td>no schools (SKIP TO w5q65a)</td>
</tr>
<tr>
<td>1-20</td>
<td>schools</td>
</tr>
<tr>
<td>98</td>
<td>don’t know</td>
</tr>
<tr>
<td>97</td>
<td>refused</td>
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<thead>
<tr>
<th>Question</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>w5q64ax</td>
<td>Were you accepted?</td>
</tr>
<tr>
<td>1</td>
<td>yes</td>
</tr>
<tr>
<td>5</td>
<td>no (SKIP TO w5q64b)</td>
</tr>
<tr>
<td>8</td>
<td>don’t know</td>
</tr>
<tr>
<td>7</td>
<td>refused</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Question</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>w5q64a</td>
<td>At how many graduate or professional schools were you accepted?</td>
</tr>
<tr>
<td>0-20</td>
<td>schools</td>
</tr>
<tr>
<td>98</td>
<td>don’t know</td>
</tr>
<tr>
<td>97</td>
<td>refused</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Question</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>w5q64b</td>
<td>From how many schools have you not yet heard?</td>
</tr>
<tr>
<td>0-20</td>
<td>schools</td>
</tr>
<tr>
<td>98</td>
<td>don’t know</td>
</tr>
<tr>
<td>97</td>
<td>refused</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Question</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>w5q64sum</td>
<td>Total number of schools (q64a &amp; q64b)</td>
</tr>
</tbody>
</table>
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?

w55q66c  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 w5q69x1)
8 don’t know (SKIP TO w5q69x1)
7 refused (SKIP TO w5q69x1)

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

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

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

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

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

blacks?

Hispanics?

Asians?

poor whites?

poor blacks?

poor Hispanics?

poor Asians?

middle-class whites?

middle-class blacks?

middle-class Hispanics?

middle-class Asians?

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)(WIN)?

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?

d5q82d  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?

d5q83d  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.
Many Hispanics have only themselves to blame for not doing better in life. If they tried harder, they would do better.

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.

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.

Many Asians have only themselves to blame for not doing better in life. If they tried harder, they would do better.

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.

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)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>0</td>
<td>totally disagree</td>
</tr>
<tr>
<td>1-9</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>totally agree</td>
</tr>
<tr>
<td>98</td>
<td>don’t know</td>
</tr>
<tr>
<td>97</td>
<td>refused</td>
</tr>
</tbody>
</table>

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
### COLLEGE DEPARTMENT

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

(Continued on next page)
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
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<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
<777> Other
<998> Don’t Know
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<td>&lt;26&gt; Psychology</td>
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<td>&lt;27&gt; Sociology/Social Science/Social Policy</td>
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APPENDIX C (CONTINUED)

<55> General Studies
<56> American Studies
<57> Symbolic Systems
<58> Law/JD
<59> Women’s Studies/Feminist
<60> Geology
<61> Military Science
<62> Family Studies
<63> Human Development/Development Studies
<64> Human Resource Management/Labor Industry/Organizational Leadership
<65> Speech Pathology/Linguistics/Language
<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
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1990 Occupation Codes

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.

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  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
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
Drywall installers
Electricians
Electrician apprentices
Electrical power installers and repairers
Painters, construction and maintenance
Paperhangers
Plasterers
Plumbers, pipefitters, and steamfitters
Plumber, pipe fitter, and steamfitter apprentices
Concrete and terrazzo finishers
Glaziers
Insulation workers
Paving, surfacing, and tamping equipment operators
Roofers
Sheetmetal duct installers
Structural metal workers
Drillers, earth
Construction trades, n.e.c.

Extractive Occupations
Supervisors, extractive occupations
Drillers, oil well
Explosives workers
Mining machine operators
Mining occupations, n.e.c.

Precision Production Occupations
Supervisors, production occupations
Precision Metal Working Occupations:
Tool and die makers
Tool and die maker apprentices
Precision assemblers, metal
Machinists
Machinist apprentices
Boilermakers
Precision grinders, filers, and tool sharpeners
Patternmakers and model makers, metal
Lay-out workers
Precious stones and metals workers (jewelers)
Engravers, metal
Sheet metal workers
Sheet metal worker apprentices
Miscellaneous precision metal workers
Precision Woodworking Occupations:
Patternmakers and model makers, wood
Cabinet makers and bench carpenters
Furniture and wood finishers
Miscellaneous precision woodworkers
Precision Textile, Apparel, and Furnishings Machine Workers:
Dressmakers
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
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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<td>PROFESSIONAL AND RELATED SERVICES</td>
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<tr>
<td>AGRICULTURE, FORESTRY, AND FISHERIES</td>
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<tr>
<td>MINING</td>
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<tr>
<td>FINANCE, INSURANCE, AND REAL ESTATE</td>
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<tr>
<td>CONSTRUCTION</td>
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<tr>
<td>BUSINESS AND REPAIR SERVICES</td>
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<tr>
<td>MANUFACTURING</td>
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<td>PERSONAL SERVICES</td>
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<tr>
<td>TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES</td>
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<tr>
<td>ENTERTAINMENT AND RECREATION SERVICES</td>
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**1990 Industry Codes**

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<tr>
<th>IND Code</th>
<th>Description</th>
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</tr>
<tr>
<td>010</td>
<td>Agricultural production, crops</td>
</tr>
<tr>
<td>011</td>
<td>Agricultural production, livestock</td>
</tr>
<tr>
<td>012</td>
<td>Veterinary services</td>
</tr>
<tr>
<td>020</td>
<td>Landscape and horticultural services</td>
</tr>
</tbody>
</table>
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
Industry Codes

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
1990 Industry Codes

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
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>700</td>
<td>Banking</td>
</tr>
<tr>
<td>701</td>
<td>Savings institutions, including credit unions</td>
</tr>
<tr>
<td>702</td>
<td>Credit agencies, n.e.c.</td>
</tr>
<tr>
<td>710</td>
<td>Security, commodity brokerage, and investment companies</td>
</tr>
<tr>
<td>711</td>
<td>Insurance</td>
</tr>
<tr>
<td>712</td>
<td>Real estate, including real estate-insurance offices</td>
</tr>
</tbody>
</table>

**BUSINESS AND REPAIR SERVICES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>721</td>
<td>Advertising</td>
</tr>
<tr>
<td>722</td>
<td>Services to dwellings and other buildings</td>
</tr>
<tr>
<td>731</td>
<td>Personnel supply services</td>
</tr>
<tr>
<td>732</td>
<td>Computer and data processing services</td>
</tr>
<tr>
<td>740</td>
<td>Detective and protective services</td>
</tr>
<tr>
<td>741</td>
<td>Business services, n.e.c.</td>
</tr>
<tr>
<td>742</td>
<td>Automotive rental and leasing, without drivers</td>
</tr>
<tr>
<td>750</td>
<td>Automobile parking and carwashes</td>
</tr>
<tr>
<td>751</td>
<td>Automotive repair and related services</td>
</tr>
<tr>
<td>752</td>
<td>Electrical repair shops</td>
</tr>
<tr>
<td>760</td>
<td>Miscellaneous repair services</td>
</tr>
</tbody>
</table>

**PERSONAL SERVICES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>761</td>
<td>Private households</td>
</tr>
<tr>
<td>762</td>
<td>Hotels and motels</td>
</tr>
<tr>
<td>770</td>
<td>Lodging places, except hotels and motels</td>
</tr>
<tr>
<td>771</td>
<td>Laundry, cleaning, and garment services</td>
</tr>
<tr>
<td>772</td>
<td>Beauty shops</td>
</tr>
<tr>
<td>780</td>
<td>Barber shops</td>
</tr>
<tr>
<td>781</td>
<td>Funeral service and crematories</td>
</tr>
<tr>
<td>782</td>
<td>Shoe repair shops</td>
</tr>
<tr>
<td>790</td>
<td>Dressmaking shops</td>
</tr>
<tr>
<td>791</td>
<td>Miscellaneous personal services</td>
</tr>
</tbody>
</table>

**ENTERTAINMENT AND RECREATION SERVICES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>800</td>
<td>Theaters and motion pictures</td>
</tr>
<tr>
<td>801</td>
<td>Video tape rental</td>
</tr>
<tr>
<td>802</td>
<td>Bowling centers</td>
</tr>
<tr>
<td>810</td>
<td>Miscellaneous entertainment and recreation services</td>
</tr>
</tbody>
</table>

**PROFESSIONAL AND RELATED SERVICES**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>812</td>
<td>Offices and clinics of physicians</td>
</tr>
<tr>
<td>820</td>
<td>Offices and clinics of dentists</td>
</tr>
</tbody>
</table>
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
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>952</td>
<td>Armed Forces, branch not specified</td>
</tr>
<tr>
<td>960</td>
<td>Military Reserves or National Guard</td>
</tr>
</tbody>
</table>

**EXPERIENCED UNEMPLOYED NOT CLASSIFIED BY INDUSTRY**

- 992  Last worked 1984 or earlier
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
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
<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

<77> Other, unable to recode
<99> Don’t know
<999> Missing