Appendix G

Notes on Interpretation of the Record Layout

The following interpretative notes refer to fields of the record layout, successively for the University and College Programs file and for the Trade-vocational Programs file. They should be used in conjunction with the record layouts given in Appendix F of this report.

POSITION #

142-144   Combined field of study.

The codes used are USIS "SPEMAJ" codes for university graduates
or corresponding CCSIS codes for college graduates. Where only
1 or 2 graduates were found in a specific program and the program
was offered in less than 3 institutions in that region (position
1), the graduates were recoded to the program code "not elsewhere
classified" or "other" of the sub-classification. For example,
if only 2 college graduates in New Brunswick were found in Handi-
crafts (code 213) and it was established that the program was
only offered in 1 or 2 institutions in the Atlantic region, the
2 graduates were recoded to "Other Fine Arts", code 214.

145-146   "Combined" field of study strata codes.

The groupings used were:

a) for university graduates, from the USIS "spemaj" codes:

       01   No spcialization/Unknown (0XXXX)
       02   Education (1XXXX)
       03   Fine Arts and Humanities (2XXXX, 3XXXX)
       04   Commerce, Economics and Law (412XX, 427XX, 433XX)
       05   Other Social Sciences (all 4XXXX not in Stratum 04)
       06   Agriculture and Biological Sciences (5XXXX)
       07   Engineering (6XXXX)
       08   Medical & Health Professions (7XXXX)
       09   Mathematics & Physical Sciences (8XXXX)
       99   Uncodeable

b) for college graduates, from the 5-digit CCSIS field-of-study
    codes:

       01   Arts, Humanities (2XXXX, 3XXXX)
       02   Health Sciences and Related (4XXXX)
       03   Chemical (51XXX) and Transportation (54XXX) Technologies
            plus General Engineering (550XX, 551XX) Aeronautical
            Engineering (554XX) and Industrial Engineering (555XX)
       04   Electrical and Electronic Technology (52XXX) and
            Mathematics and Computer Science (53XXX)
       05   Mechanical Engineering (552XX) and Architectural and
            Construction Engineering (553XX)
       06   Natural Sciences and Primary Industries (6XXXX)

07 Social Sciences and Services (7XXXX)
08 Secretarial Science (81XXX), Merchandising and Sales
    (83XX) and Service Industry Technology (84XXX)
09 Management and Administration (82XXX)
50 Arts and Science General (1XXXX)
99 Uncodeable

157-160   Occupation (SOC) May to June 1984.

               The 1980 Standard Occupational Classification codes were used.
               Where only 1 or 2 graduates in a region were found in a specific
               occupation, the graduates were recoded to the "not welsewhere
               classified" sub-classification. For example, if only 2
               graduates were found as Government Administrators (code 1111) in
               the Atlantic Region, they were recoded to code 1119, Officials
               and Administrators, n.e.c.

168   Derived variable "REL" has been developed from the answers to
               QQ. 75, 76 and 80.

169-170   Derived variable "MONLK" has been developed from the answers to
               QQ. 46 and 47.

171-172   Derived variable "MONST" has been developed from the answers to
               QQ. 46, 47 and 49.

173   Derived variable "HLOS1" has been developed from the 1982 level
               of certification as reported by the institution, plus the
               answers to Q. 15.

174   Derived variable "HLOS2" has been development from "HLOS1" and
               the answers to Q. 51.

175   Derived variable "JOBQL" has been developed from "HLOS2" and the
               answers to Q. 72.

176-178   Derived variable "STRJB" has been developed from the answers to
               Q. 83, related to June 1984.

179-180   Derived variable "AGGRD" has been developed from the answers to
               Q. 100, related to 1982.

181-182   Derived variable "MONGR" has been developed from the answers to
               Q. 8, related to June 1984.

183-184	Derived variable "DIST" has been computed as a "straight" line distance (more correctly, great-circle distance using latitude-longitude coordinated between the centroids of the Forward Sortation Area (FSA) of the postcode for the institution from which the respondent graduated in 1982, and the FSA for the respondent's home postcode in June 1984 (from Q. 106). The FSA is the area covered by the first three digits of the postcode. For many middle-sized cities with more than one FSA, distances between FSAs were ignored and read as zero. For the Universite du Quebec and New Brunswick Community Colleges, it was not possible to identify the campus the graduates attended;, thus, no distance measurement is shown for graduates of these institutions. Some other institutions also have a main campus and satellite campuses, where it was not possible to determine which campus a graduate had attended; it was judged that the effect of using the FSA for the main campus would not introduced too much distortion. Other "unknown" responses stem from no, or incomplete, response to Q. 106.
185-186 & 187-188	Two derived variables - age of youngest child and age of oldest child - have been developed from answers to Q. 105.
189-194	Randomly selected sequence numbers

POSITION #

135-137   Combined field of study.

The codes used are the CCSIS codes. Where only 1 or 2 graduates were found in a specific program and the program was offered in less than 3 institutions in that region (position 1), the graduates were recoded to the program code "not elsewhere classified" or "other" of the sub-classification.

138-139   "Combined" field of study strata codes.

The groupings used were:

01   Arts (CCSIS codes 2xxxx), Transportation Technology (54xxx), Merchandising and Sales (83xxx), and Service Industry Technology (84xxx)
02   Health Services and Related (4xxxx), and Social Sciences and Services (7xxxx, excluding 75xxx) (75xxx covers courses considered outside the survey population, e.g. BTSD)
03   Electrical and Electronic Technology (52xxx)
04   Automotive Mechanics (5523x)
05   Other Mechanical (552xx, excluding 5523x)
06   Architectural and Construction Engineering (553xx excluding 55310), and Road, Piping and Bridge Construction (5511x)
07   Industrial Engineering (555xx), General Engineering (551xx excluding 5511x), Drafting (55310) and Chemical Technology (51xxx)
08   Natural Sciences and Primary Industries (6xxxx)
09   Secretarial Science (81xxx; also a few 80,000, by error not coded more precisely)
10   Management and Administration (82xxx) and Mathematics and Conmputer Science (53xxx)
50   General Arts and Science (1xxxx)
99   Uncodable (75xxx)

Code 50 arose where the institution-reported field of study was vague or missing, and the respondent-reported specialization seemed to fit best in the CCSIS 1xxxx range.

150-153   Occupation (SOC) May to June 1984. The 1980 Standard Occupational Classification codes were used. Where only 1 or 2 graduates in a region were found in a specific occupation, the graduates were recoded to the "not elsewhere classified" sub-classification.

161   Derived variable "REL" has been developed from the answers to QQ. 73 and 77.

162-163   Derived variable "MONLK" has been developed from the answers to QQ. 46 and 47.

164-165   Derived variable "MONST" has been developed from the answers to QQ. 46, 47 and 49.

166-167   Derived variable "HLOS1" has been developed from the 1982 level of certification as reported by the institution, plus the answers to Q. 14.

168-169   Derived variable "HLOS2" has been developed from "HLOS1" and the answers to Q. 51.

170   Derived variable "JOBQL" has been developed from "HLOS2" and the answers to Q. 70.

171-173   Derived variable "STRJB" has been developed from the answers to Q. 80, related to June 1984.

174-175   Derived variable "AGGRD" has been developed from the answers to Q. 90, related to 1982.

176-177   Derived variable 'MONGR" has been developed from the answers to Q. 8, related to June 1984.

178-179   Derived variable "DIST" has been computed as a "straight" line distance (more correctly, great-circle distance using latitude-longitude coordinates between the centroids of the Forward Sortation Area (FSA) of the postcode for the institution from which the respondent graduated in 1982, and the FSA for the respondent's home postcode in June 1984 (from Q. 98). The FSA is the area covered by the first three digits of the postcode. For many middle-sized cities with more than one FSA, distances between FSAs were ignored and read as zero. For New Brunswick Community Colleges it was not possible to identify the campus the graduate attended; thus, no distance measurement is shown for graduates of these institutions. Some other institutions also have a main campus and satellite campuses, where it was not possible to determine which campus a graduate had attended; it was judged that the effect of using the FSA for the main campus would not introduce too much distortion. Other "unknown" responses stem from no, or incomplete responses to Q. 98.

180-181 and

182-183　　　Two derived variables - age of youngest child and age of oldest child - have been developed from answers to Q. 95.

184-189　　　Randomly selected sequence numbers.

APPENDIX H

The five-digit field-of-study codes from the University
Student Information System (USIS) and the Community
College Student Information System (CCSIS) are to be
found in this appendix.

University Field of Study Codes (USIS)

10000	Education, Physical Education, Recreation and Leisure
11800	Elementary/Secondary Teacher Training
12300	Higher Education, Postsecondary Teacher Training
13600	Kindergarten, Pre-school Teacher Training
13800	Non-Teaching Fields
13801	School Librarianship
13802	Education Administration
13803	Education Psychology
13805	Guidance and Counselling
13806	Curriculum Specialization
13807	Measurements and Evaluation
13808	Education Foundations
13809	Other Non-Teaching Fields
13900	Physical Education
14000	Kinesiology, Human Kinetics and Kinanthropology
14100	Recreation
20000	Fine and Applied Arts
20300	Fine Art
20500	Music
20800	Other Performing Arts
21400	Applied Arts
21401	Industrial Design
21499	Other Applied Arts
30000	Humanities and Related
30300	Classics, Classical and Dead Languages
30500	English Language and/or Literature
30600	French Language and/or Literature
30900	History
31000	Jounalism

31100	Languages and/or Literatures, Other
31101	Comparative Literature
31102	Mediaeval Languages
31103	Asian Languages and Literatures
31104	Slavic Languages and Literatures
31199	Other Languages and Literatures
31200	Library Science
31300	Other Records Science
31400	Linguistics
31700	Other Mass Communication Studies
32100	Philosophy
32400	Religious Studies
32500	Theological Studies (Professional Program, Preparation for the Ministry)
32700	Translation and Interpretation
40000	Social Sciences and Related
40300	Anthropology
40600	Archaeology
40800	Canadian Studies
40900	Area Studies, Other
40910	Mediaeval Studies
40920	Asian Studies
40940	Slavic Studies
40999	Other Area Studies
41200	Commerce, Management, Business Administration, Administrative Studies/Sciences
41300	Criminology
41400	Specialized Administration Studies
41401	Public Administration
41402	Health Administration
41403	Hotel and Food Administration
41499	Other Specialized Administration Studies

41500	Demography
42700	Economics
43000	Geography
43300	Law and Jurisprudence
44000	Man/Environment Studies
44008	Regional, Rural, Urban, City Planning and Community Development
44010	Resource Management, Environmental Studies
44300	Political Science
44600	Psychology
44700	Secretarial Studies
44900	Social Work and Social Welfare
45200	Sociology
45500	Military Studies
45700	Other Social Services
50000	Agriculture and Biological Sciences
50300	Agriculture
50310	Animal Science
50322	Plant Science
50326	Soil Science
50399	Other Agriculture
50600	Biochemistry
50900	Biology
50910	Genetics
50912	Microbiology
50999	Other Biology
51200	Biophysics
51500	Botany

41500	Demography
42700	Economics
43000	Geography
43300	Law and Jurisprudence
44000	Man/Environment Studies
44008	Regional, Rural, Urban, City Planning and Community Development
44010	Resource Management, Environmental Studies
44300	Political Science
44600	Psychology
44700	Secretarial Studies
44900	Social Work and Social Welfare
45200	Sociology
45500	Military Studies
45700	Other Social Services
50000	Agriculture and Biological Sciences
50300	Agriculture
50310	Animal Science
50322	Plant Science
50326	Soil Science
50399	Other Agriculture
50600	Biochemistry
50900	Biology
50910	Genetics
50912	Microbiology
50999	Other Biology
51200	Biophysics
51500	Botany

51600	Fisheries and Wildlife Management
51800	Household Science and Related
51808	Food Science and Nutrition
51899	Other Household Science and Related
52100	Veterinary Medicine
52200	Veterinary Sciences
52300	Veterinary Medicine Specialties
52400	Zoology
60000	Engineering and Applied Sciences
60300	Architecture
60500	Aeronautical and Aerospace Engineering
60600	Chemical Engineering
60700	Civil Engineering
60800	Design, Systems Engineering
60900	Electrical Engineering
61000	Industrial Engineering
61100	Mining Engineering
61200	Mechanical Engineering
61300	Metallurgical Engineering
61400	Other Engineering
61500	Engineering Science
61600	Engineering General
62000	Forestry
62200	Landscape Architecture

70000	Health Professions and Occupations
70300	Dentistry (Professional Programme)
70400	Dental Specialties
70500	Medicine (Professional Programme)
70600	Basic Medical Sciences
70604	Anatomy
70606	Biochemistry
70608	Biophysics
70610	Embryology
70612	Endocrinology
70614	Genetics
70616	Histology
70622	Neurophysiology
70626	Pharmacology
70628	Physiology
70699	Other Basic Sciences
70800	Medical Specialties
71000	Paraclinical Sciences
71010	Microbiology
71006	Immunology
71014	Pathology
71099	Other Paraclinical Sciences
71200	Surgical Specialties
71500	Nursing
71800	Optometry
72100	Pharmacy
72400	Epidemiology and Public Health
72700	Rehabilitation Medicine
72702	Aural and Oral Rehabilitation
72704	Occupational Therapy
72706	Physical Therapy
72799	Other Rehabilitation
73600	Medical Technology
79900	Other Health Professions and Occupations

80000	Mathematics and Physical Sciences
80600	Computer Science
81200	Mathematics
81500	Chemistry
81800	Geology and Related
82100	Metallurgy, Materials Science
82400	Meteorology
82404	Climatology
82499	Other Meteorology
82700	Oceanography and Water Studies
83000	Physics
83001	Astronomy
83002	Aerospace Sciences
83099	Other Physics

College Field of Study Codes (CCSIS)

20000   Arts

 21000   Fine Arts

  21100   Performing Arts/Theatre Arts
   21110 Dance
   21120 Music
   21130 Drama
   21140 Performing Arts - Other
  21200   Sculpture and Painting
  21300   Handicrafts
  21400   Other Fine Arts

 22000   Commercial and Promotional Arts

  22100   Advertising
  22200   Modelling
  22300   Commercial Arts
  22400   Other Commercial and Promotional Arts

 23000   Graphic and Audio-Visual Arts

  23100   Photography
  23200   Recorded Music Production
  23400   Printing and Publishing
  23500   Other Graphic and Audio-Visual Arts

 24000   Creative and Design Arts

  24100   Jewellery Design
  24400   Fashion Arts
  24500   Interior Decorating
  24600   Other Creative and Design Arts

 25000   Personal Arts

  25100   Barbering/Hairdressing
  25200   Other Personal Arts

 26000   Mass Communications

  26100   Cinematography/Film Production/Animation
  26200   Radio and T.V. Broadcasting
  26300   Other Mass Communications Studies

 29000   Other Applied Arts

  29200   Repair and Renovation
   29210 Furniture/Upholstery
   29220 Jewellery Repair
   29230 Musical Instruments
   29240 Clocks and Timepieces

  29300   Other Applied Arts N.E.C.

30000   Humanities and Related

  31000   Journalism
  32000   Library Science

    32100   Library/Documentation Sciences
    32200   Archival Sciences

  33000   Religion/Theology

  34000   Languages

    34100   English - Literature, Grammar, Composition
    34200   English as a Second Language
    34300   French - Literature, Grammar, Composition
    34400   French as a Second Language
    34500   Other Language Studies

  35000   History

  36000   Philosophy

  37000   Other Humanities N.E.C.

40000   Health Sciences and Related

  41000   Nursing

    41100   Diploma Nursing
    41200   Nursing Aide/Orderly
    41300   Nursing Refresher
    41400   Psychiatric or Mental Health Nursing
    41500   Public Health Nursing
    41600   Dental Nursing
    41700   Other Specialized Nursing

  42000   Diagnostic and Treatment Medical Technologies

    42100   Emergency Para-medical Technologies
    42200   Chiropractic Technologies
    42300   Medical Laboratory Technologies
    42400   X-ray/Radiology/Radiotherapy/Nuclear Medicine Technologies
    42500   Combined Lab. and X-ray Technology
    42600   Physiotherapy
    42700   Dental Hygiene/Assistant Technologies
    42800   Pharmacy Technologies
    42900   Other Diagnostic and Treatment Medical Technologies

  43000   Medical Equipment and Prosthetics

    43100   Dental Appliances
    43200   Optical Phrosthetics/Lenses
    43300   Orthopaedic Prosthetics
    43400   Auditory Prosthetics
    43500   Other Medical Equipment Technologies

44000   Other Health Related Technologies

    44100   Dietetics/Dietary Technologies
    44200   Mental Health Technologies
    44300   Speech Therapy
    44400   Health-care Support Technologies
    44500   Biological Sciences/Technologies
    44600   Public/Environmental Health
    44700   Health Education
    44800   Other Health-care Technologies

50000   Engineering and Applied Sciences

  51000   Chemical Technologies

    51100   Chemical Engineering Technologies
    51200   Biochemical Technologies
    51300   Metallurgical Chemical Technologies
    51400   Industrial Chemical Technologies
      51410 Textiles
      51420 Plastics and Fiberglass
      51430 Chemical Processing
      51440 Other Industrial Chemical Technologies
    51500   Photographic Chemical Technology
    51600   Chemistry
    51700   Other Chemical Technologies N.E.C.

  52000   Electrical/Electronic Technologies

    52100   Electrical/Electronic Engineering Technologies
      52110 Electrical
      52120 Electronics
      52130 Other Electrical/Electronic Tech. N.E.C.
    52200   Avionics Technologies
    52300   Marine Electronics Technologies
    52400   Electro-Mechanical Technologies
      52410 Electric Motors
      52420 Microwave
    52500   Telecommunications Technologies
      52510 Radio and T.V. (Broadcasting Electronics)
      52520 Telephone, telegraph, telex
      52530 Radar
      52540 Other Telecommunications Electronics

  53000   Mathematics and Computer Science

    53100   Mathematics
    53200   Computer Science
      53210 Computer Programming
      53220 Computer Science - systems design and analysis
      53230 Computer Technology
      53240 Data Processing

54000   Transportation Technologies

  54100   Air Transportation
    54110 Aviation and Flight Technologies
    54120 Air Transport Ground Support
    54130 Flight Attendants
    54140 Air Transportation - Other
  54200   Motor Transportation
    54210 Public Transportation
    54220 Commercial Vehicle Transportation
    54230 Driver Training/Education
  54300   Rail Transportation
    54310 Rail Transportation Operation/Maintenance
    54320 Rail Transportation - Passenger Services
  54400   Marine Transportation
    54410 Nautical Science/Navigation Technologies
    54420 Seamanship
  54500   Other Transportation Technologies N.E.C.

55000   Engineering Technologies

  55100   Engineering - General

    55110 Civil Technologies
      55111 Road Construction
      55112 Piping Technologies
      55113 Bridge Construction
    55120   Surveying
    55130   Drafting
      55131 Engineering Design or Drafting
      55132 Cartography
      55133 Mechanical Drafting
    55140   Instrumentation
    55150   Repair and Services
    55160   Meteorology
    55170   Physics
    55180   Other Engineering Technologies N.E.C.

  55200   Engineering - Mechanical

    55210   Agricultural Equipment Mechanics
    55220   Aircraft Mechanics
    55230   Auto Technology
      55231 Auto Mechanics
      55232 Auto Body Repair
    55240   Marine Mechanics
    55250   Heavy Equipment Mechanics
    55260   Small Engine Mechanics
    55270   Other Mechanical Engineering Technologies
    55280   Hydraulics

  55300   Engineering - Architectural and Construction

    55310   Architectural Design/Drafting Technology

55320   Construction
  55321 Masonry - Brick, Stone, Concrete
  55322 Drywall, Plastering, Lathing
  55323 Heat, Insulation
  55324 Plumbing
  55325 Construction Electrician
  55326 Interior Finishing
  55327 Woodworking and Carpentry
  55328 Metal Working
  55329 Other Construction or Building Technologies
55330   Historical Structures Renovation
55340   Naval Architecture/Construction Technologies
55350   Welding Technologies
55360   Other Architectural and Construction Technologies

55400   Engineering - Aeronautical
  55410   Aeronautical Engineering Technologies
  55420   Aerospace Engineering Technologies

55500   Engineering - Industrial

  55510   Industrial Design/Operations Technologies
  55520   Manufacturing Technologies
    55521 Automobile/Mechanical and Related
    55522 Electrical/Electronic Equipment and Related
    55523 Metal
    55524 Wood and Paper Products
    55525 Aircraft
    55526 Clothing/Other Fabric Products
    55527 Rubber, Glass & Plastics
    55528 Chemicals
    55529 Other Manufacturing
  55530   Quality Control
  55540   Materials Science or Management
  55550   Machinist
  55560   Other Industrial Engineering Technologies

60000   Natural Sciences and Primary Industries

61000   Natural Sciences

  61100   Agriculture
  61200   Agricultural Technology/Science/Engineering
  61300   Agricultural Business
  61400   Biology
  61500   Plant Sciences
    61510 Botany
    61520 Crops and Horticulture
    61530 Landscaping
    61540 Soils, Pesticides, Fertilizer
    61550 Irrigation/Water Management
    61560 Other Plant Sciences

61600   Animal Sciences
   61610 Zoology
   61620 Veterinary Technologies/Animal Health
   61630 Cattle Technologies (Beef and Dairy)
   61640 Poultry and Eggs Technologies
   61650 Swine Technologies
   61660 Equine Studies/Horse Husbandry
   61670 Other Animal Sciences
 61700   Other Agricultural Technologies N.E.C.

63000   Primary Industries (excluding Agriculture)

 63100   Forestry Technologies
 63200   Mining Technologies
   63210 Geogology and Prospecting
   63220 Drilling and Extractive Technologies
 63300   Fishing Technologies
   63310 Fish Farming
   63320 Fishing
 63400   Hunting and Trapping
 63500   Petroleum Resources Technology
 63600   Other Primary Industries N.E.C.

65000   Resource Processing Technologies

 65100   Forest Products Processing
   65110 Pulp and Paper Technology
   65120 Wood Products Processing
 65200   Metal Processing
   65210 Iron and Steel
   65220 Processing of Other Metals
 65300   Petroleum Refining Technologies
 65400   Food Processing Technologies
   65410 Marine Products Processing
   65420 Meat Processing
   65430 Poultry & Egg Processing
   65440 Dairy Products Processing
   65450 Fruit and Vegetables Processing
   65460 Other Food Processing
 65500   Other Resource Processing

67000   Environmental and Conservation Technologies

 67100   Environmental Control/Protection Technologies
 67200   Land Resources Technologies
 67300   Wildlife and Forest Conservation Technologies
 67400   Water Science Technologies
 67500   Air Purification Technologies
 67600   Other Environmental and Conservation Technologies N.E.C.

70000   Social Sciences and Services

   71000   Protection and Correction Services

     71100   Correctional Technologies
     71200   Para-legal Technologies/Legal Studies/Legal Asst.
     71300   Police Technologies/Criminology
     71400   Protection Technologies
      71410 Fire
      71420 Security
      71430 Safety
     71500   Other Protection and Correction Technologies

   72000   Social Services

     72100   Child Care Services
     72200   Youth Services
     72300   Gerontology
     72400   Care of the Disabled
     72600   Social Services/Welfare Technologies
     72700   Domestic Science and Related
     72800   Community Planning/Urban Design
     72900   Other Social Services

   73000   Recreation and Sport

     73100   Recreation Leadership/Leisure Services
     73200   Physical Education Instruction
     73300   Travel and Tourism
      73310 Guiding
      73320 Travel Counsellor/Agent
      73330 Ticket Agents
      73340 Parks/Forest/Wildlife Recreation
     73400   Other Recreation and Sport Technologies

   74000   Educational and Counselling Services

     74100   Counselling Services Technologies
      74110 Counsellor - Addiction
      74120 Counsellor - Handicapped
      74130 Counsellor - Marriage/Family
      74140 Counsellor - Financial
      74150 Counsellor - Labour
      74160 Counsellor - Education/Career/Vocational
      74170 Other Counselling Services
     74200   Educational Services
      74210 Education - Early Childhood
      74220 Education - Handicapped
      74230 Teachers Aide/Educational Support
      74240 Industrial Arts Education
      74250 Adult Education
      74260 Teacher Training
      74270 Supervisory Training for on-the-job instruction
     74300   Other Educational and Counselling Services

75000   Personal Development

   75100   Orientation Courses
   75200   Communications Skills Development
   75300   Life Skills
   75400   Occupational Skills Development
   75500   Other Personal Development Courses

76000   Social Sciences

   76100   Anthropology
   76200   Archeology
   76300   Economics
   76400   Geography
   76500   Political Science
   76600   Psychology
   76700   Sociology
   76900   Other Social Sciences

80000   Business and Commerce

  81000   Secretarial Science

   81100   Secretary - General
   81200   Secretary - Legal
    81210 Legal Secretary/Law Crlerk
    81220 Court Reporting
   81300   Secretary - Medical
    81310 Health Records Technology
    81320 Medical Secretary
   81400   Business Machine Operations
    81410 Word Processing
    81420 Other Business Machine Operation
   81500   Secretary - Accounting, Bookkeeping
   81600   Switchboard Operator/Receptionist
   81700   Bank Teller
   81800   Other Secretarial/Clerical

  82000   Management and Administration

   82100   Management and Administration - Business and Commerce
   82200   Financial Management
    82210 Accounting
    82220 Investment Management
    82230 Assessment/Appraisal
    82240 Property Management
    82250 Banking
    82260 Other Financial Management
   82300   Industrial Management
   82400   Institution Management
    82410 Health-care Facilities Management
    82420 Hotel/Restaurant/Resort Management
    82430 Other Institutional Management

82500	Public Administration
82600	Personnel Administration
82700	Manufacturing Management/Administration
82800	Transportation Management
82900	Other Management and Administration N.E.C.

83000   Merchandising and Sales

83100	Marketing
83200	Insurance/Securities Sales
83300	Real Estate
83400	Retail Sales
83500	Other Merchandising and Sales

84000   Service Industry Technologies

84100	Food Services
84110	Food Preparation
84111	Baking
84112	Cooking
84113	Food Preparation - Other
84120	Food Serving
84200	Home Economics
84300	Laundry and Dry Cleaning
84400	Hospitality and Tourism Services
84500	Building Custodian
84900	Other Service Industries

90000   Other

91000	Miscellaneous
92000	Unknown