

Form 2

Instructions for difficult items on Form 2

15: Answer "yes" if the participant is functionally literate in English.

45 and 46: How to complete date of first dialysis or date of most recent initiation of dialysis:
Use correct month and year, and fill in a "15" for day if date is unknown.

Hard range checks. Contact the DCC if any of the following unlikely events occur. You will not be able to enter your data without help from the DCC if:

- | | | |
|-----|------------|--|
| 12. | Dry weight | Less than <u>50</u> lbs Less than <u>20</u> kilos Greater than <u>350</u> lbs Greater than <u>150</u> kilos |
| 13. | Height | Less than <u>50</u> in Less than <u>127</u> cm Greater than <u>80</u> in Greater than <u>203</u> cm |

HEMO Study Form 2. Demographic Form

This form is completed when a patient enrolls in Baseline. This form identifies the patient as an official Baseline patient. Ask the patient or look in the chart.

- 1. Patient Identification Number. _ _ _ _ _
- 2. Patient Name Code _ _ _ _ _
- 3. Visit Date _ _ / _ _ / _ _ _ _ _
- 4. Name of Patient: First Name _____
Last Name _____
- 5. Social Security Number (9 digits) _ _ - _ - _ _ _ _ _
- 6. Date Baseline Informed Consent Form was signed _ _ / _ _ / _ _ _ _ _
- 7. Date Baseline Consent Form signature page was faxed to the DCC _ _ / _ _ / _ _ _ _ _

Demographic Information

- 8. Sex: 1=Male, 2=Female..... _
- 9. Date of Birth _ _ / _ _ / _ _ _ _ _
- 10. Race _
 - 1 = American Indian/Alaskan Native
 - 2 = Asian (includes, for example, patients from Japan, China, the Pacific Islands, or India)
 - 3 = Black/African-American
 - 4 = White/Caucasian
 - 9 = Unknown
- 11. Ethnicity _
 - 1 = Hispanic
 - 2 = Non-Hispanic
 - 9 = Unknown

- 12. a. Dry Weight__ __ __ __
b. Pounds or kilos (1=pounds, 2=kilos)..... __
- 13. a. Height.....__ __ __ __
b. Inches or centimeters (1=inches, 2=cm, 3=inches past chart or good recall, __
4=cm past chart or good recall, 5=intentionally blank - use height estimate
from Form 29 knee height)
- 14. Can the patient speak English? (0=no, 1=yes)..... __
- 15. Is the patient functionally literate? (0=no, 1=yes)..... __
- 16. What is this patient's primary language? __
(1=English, 2=Spanish, 3=French, 4=Chinese, 5=other)
- 17. Marital Status __
 - 1 = Single and never been married
 - 2 = Married
 - 3 = Common law marriage/Living together unmarried/partnered
 - 4 = Separated
 - 5 = Divorced
 - 6 = Widowed
- 18. Household Size: (Enter 0=no, 1=yes)
 - a. Lives with spouse..... __
 - b. Lives with children __
 - c. Lives with parent(s) __
 - d. Lives with other relatives..... __
 - e. Lives with other roommates..... __
 - f. Boarding house or rooming house __
 - g. Homeless __
 - h. Institutionalized __
 - i. Lives alone __

19. How many people live in the household? _____
(Code 00 if homeless or institutionalized or boarding house.)

20. Highest level of formal education achieved: _____
1 = <High school graduation
2 = Completed high school
3 = Completed technical school
4 = At least one year of college
5 = Completed college/university
6 = College graduate with post graduate education

21. Has the patient ever been employed for pay? (0=no, 1=yes) _____
(If no, skip to item 28 "Patient's current gross annual income")

22. Work status six months prior to initiation of any ESRD replacement therapy. _____
1 = Student, not also employed
2 = Student, also employed
3 = Homemaker
4 = Not working, not seeking work, disabled
5 = Not working, not seeking work, not disabled
6 = Not working, seeking work, disabled
7 = Not working, seeking work, not disabled
8 = Employed full-time
9 = Employed part-time
10= Retired
99=Unknown

23. Current work status. _____
(use above Item 22 status codes 1 to 99)

24. Current job title: (50 characters) _____

25. Current occupation code (from forms manual code list) _____

26. Primary reason for work status change (between pre-ESRD and current)? _____
1 = There was no change
2 = Due to time constraints of chronic kidney failure treatment
3 = Due to complications of chronic kidney failure
4 = Due to illness other than chronic kidney failure
5 = Due to retirement
6 = Other (50 characters) _____

27. What was the last year the patient was employed? _____

Note: Enter current year for currently employed.

28. Patient's current gross annual income [include disability incomes]
(use codes for #29) _____

29. Total household gross annual income (use codes below)..... ___

- 1 = < \$7,500
- 2 = 7,500 - 24,999
- 3 = 25,000 - 49,999
- 4 = 50,000 - 99,999
- 5 = > 100,000
- 6 = Patient refuses to provide the data
- 9 = Unknown

Patient Insurance

30. Does the patient have outside insurance other than Medicare/Medicaid?
(0=no, 1=yes) ___

31. Has the patient applied for Medicare? ___
(1=Currently on Medicare, 2=Application pending, 3=Has not applied,
4=Has applied and was turned down)

32. Has the patient applied for Medicaid? ___
(1=Currently on Medicaid, 2=Application pending, 3=Has not applied,
4=Has applied and was turned down)

33. Is the patient receiving Disability Income? (0=no, 1=yes)..... ___

Renal Medical History

Note: Other medical history data is on the Medical History and Comorbidity Form 3.
For primary and secondary diagnoses, use the best judgement of the PI.

34. Primary underlying renal diagnosis (see codes below) ___

- 1 = Glomerular Disease
- 2 = Polycystic Kidney Disease
- 3 = Hypertensive Nephrosclerosis
- 4 = Tubulointerstitial Diseases
- 5 = Urinary Tract Diseases (including obstruction)
- 6 = Absence of One Kidney (without other known cause)
- 7 = Diabetic Nephropathy
- 8 = Hereditary Nephritis
- 9 = Unknown with Proteinuria >3 g/day
- 10 = Unknown with Proteinuria 1-3 g/day
- 11 = Unknown with Proteinuria <1 g/day
- 12 = Ischemic Renal Disease
- 13 = Acute Renal Disease
- 14 = Other
- 99 = Unknown

35. The primary diagnosis was established by: (see codes) ___
 1 = biopsy
 2 = serology
 3 = radiology
 4 = other test
 5 = presumption

36. Secondary underlying renal diagnosis (Use codes from Item 34) ___

37. Current type of vascular access ___
 1 = A-V - forearm 7 = Temporary venous catheter - femoral
 2 = AV graft - upper arm 8 = Permacath - internal jugular or subclavian
 3 = A-V graft - thigh 9 = Permacath - femoral
 4 = A-V fistula - forearm 98= Other
 5 = AV fistula - upper arm
 6 = Temporary venous catheter - interal jugular or subclavian

38. Number of previous permanent sites used? (0 if none.) ___

Eligibility for Transplant

39. On a transplant waiting list? ___
 1 = yes
 2 = no; determination of waiting list placement is in progress
 3 = no; patient refuses a transplant
 4 = no; patient told he/she was medically ineligible
 5 = no; reason unknown or other

40. a. Number of previous transplants (0 for none, 1 for one, etc.) ___

b. How many years did the patient have functioning transplants? ___

Leave 41 and 42 blank if the patient has not been transplanted and skip to #43.

41. Date of most recent transplant: ___/___/___

42. Type of most recent transplant ___

(For type of transplant, code 1=living related, 2=cadaveric, 3=living unrelated, 9=unknown.)

43. How many years has the patient been on peritoneal dialysis? (0 if none) ___

44. How many years has the patient been on home hemodialysis? (0 if none) ___

45. a. Date of first chronic maintenance dialysis (ESRD) ___/___/___

b. Hemodialysis or peritoneal? (1=hemo, 2=peritoneal) ___

46. Date of most recent initiation of chronic maintenance hemodialysis
(if hemodialysis discontinued for any reason such as renal
transplantation) ___/___/___

47. Does the patient have any native kidneys? (0=no, 1=yes, 9=unknown). ___

48. Dialyzer type used at latest session (prior to enrollment) (see code list) ___

49. What type of disinfectant will you use for dialyzers for this patient?
(0=none, 1=formaldehyde, 2=gluteraldehyde, 3=Renalin, 4=heat) ___

50. Do you intend to use bleach? (0=no, 1=yes) ___

51. How many times in the past year has this patient been hospitalized? ___

52. a. Is there a history of smoking, or does the patient currently smoke?
(0=no, 1=yes but more than 20 years ago, 2 = yes, in the past 20 years,
3 = current) ___

b. Is there a history of drug abuse or does the patient currently abuse drugs?
(0=no, 1=yes, but more than 5 years ago, 2=yes, in the past 5 years, 3=current) ___

c. Is there a history of alcohol abuse or does the patient currently abuse alcohol?
(0=no, 1=yes, but more than 5 years ago, 2=yes, in the past 5 years, 3=current) ___

53. a. How far from the dialysis facility does the patient live (in miles). ___

b. How long does it typically take the patient to get to the dialysis facility
from his/her home (hours:minutes) ___:___

c. In the past week, what was the patient's major form of transportation to and
from the dialysis facility? ___

- 1 = Walk
- 2 = Drive self
- 3 = Driven in private car
- 4 = Driven in car or van pool
- 5 = Public transportation (i.e., bus, subway, etc.)
- 6 = Taxi
- 7 = Ambulance

- 54. Amputee location
 - a. Left (0=none, 1=toe(s), 2=transmetatarsal, 3=below knee, 4=above knee). . . __
 - b. Right (0=none, 1=toe(s), 2=transmetatarsal, 3=below knee, 4=above knee) . __
 - c. Estimated weight of amputated limb __. __
 - d. Pounds or kilos (1=pounds, 2=kilos) __
 - e. How was weight estimate obtained? (1=weighed, 2=Chumlea) __
- 55. a. Was this patient part of the HEMO pilot study (0=no, 1=yes) __
- b. If yes, what was the ID of this patient in the pilot study _____
- 201. Date this form completed __/__/____
- 202. Certification number of person completing this form _____

| | |
|---------------------------------|-----------------|
| Clinical Center Use Only | |
| Data Form Entered __/__/____ | Verified? _____ |
| Person Entering this Form _____ | |

Dialyzer Code List (Forms 2 and 5)**Fresenius**

101 F6*
 102 F8*
 103 F50*
 104 F60A*
 105 F60B
 106 F80A*
 107 F80B*
 108 F7NR*
 109 F80M
 110 F5
 111 F70*
 112 F8-F8**
 113 F8-F80B**
 114 F8-F80A**

Baxter

151 CA 70
 152 CA 90
 153 CA 110
 154 CA 130
 155 CA 150*
 156 CA 170*
 157 CA 210*
 158 CF 1511
 159 CF 2308
 160 CT110G*
 161 CT 190G*
 162 CA-HP-150
 163 CA-HP-210
 164 CA210-CA210**
 165 CA210-CT190**
 166 PSN-210*
 167 PSN-170*

Terumo

201 C101
 202 C121
 203 M151
 204 T150
 205 T175
 206 T220

Toray

251 B2-1.5
 252 B2-1.0-H

253 B2-1.5H*
 254 B2-2.0*
 255 B1-2.1-U*
 256 BK-2.1-P
 257 BK-2.1-U*
 258 B1-1.6H

Gambro

301 Filtral 20*
 302 G6N (same as LUNDIA 6N)
 303 Filtral 16*
 304 LUNDIA ALPHA 600
 305 LUNDIA ALPHA 700
 306 LUNDIA 3N
 307 LUNDIA 6N
 308 Polyflux 17*
 309 Polyflux 21*

Asahi

351 50M-SD
 352 50U-SD
 353 50H-SD
 354 50H-SD
 355 65H-SD
 356 65H-SD
 357 65U-SD
 358 PAN-85DX*
 359 PAN-110DX*
 360 AM-75U-SD
 361 90U-SD

Althin-CD

401 90-SCE
 402 135-SCE
 403 155-SCE
 404 4000-Ultra HP
 405 Althin Altrex 140*
 406 Altra Nova 2000
 407 Althin Altrex 200*

Cobe

451 500-GH
 452 Alpha 700 (same as LUNDIA ALPHA 700)
 453 LUNDIA 940600
 454 700HE*

*Asterisks indicate Study approved dialyzers to be used after Baseline Week 3 when patient is targeted for an e(Kt/V) goal of 1.45 and in Follow-up.

**Double dialyzers can only be used in Follow-up.

Dialyzer Code List (Forms 2 and 5)

Alwall

455 GFSPPlus 20

Minntech

501 Primus 1350

502 Primus 2000*

*Asterisks indicate Study approved dialyzers to be used after Baseline Week 3 when patient is targeted for an e(Kt/V) goal of 1.45 and in Follow-up.

**Double dialyzers can only be used in Follow-up.

Occupation Code List

A

Accountants (C.P.A.), 1
 Accountants Not C.P.A.), 2
 Actors and Showmen, 3
 Actuaries, 1
 Advertising Agents, 3
 Advertising Directors, '
 Advertising Owners, 2
 Agronomists, 1
 Aides, Hospital; Nurses Aide, 6
 Air Line Pilot/Traffic Controller, 2
 Air Line Reservationist, 4
 Air Craft Maintenance, 4
 Amusement Park Workers (Bowling Alley, Pool Hall), 7
 Anesthetists, 1
 Antenna Installers, 5
 Anthropologists, 1
 Antique Dealers, 3
 Apprentices, Electricians, Painters, Steam Fitters, Tool
 Makers, 6
 Architects, 1
 Architectural Draftsmen, 2
 Archivists, 1
 Army, M/Sgt/Navy C.P.O., 3
 Art Gallery, 3
 Art Historian, 2
 Art Illustrator, 3
 Artist (portrait), 1
 Artists (commercial), 3
 Artists (unspecified), 3
 Asbestos Workers, 6
 Ash Removers, 7
 Assembly Line Workers, 6
 Assessment Counselors, 2
 Assistant Director Student Union, Office of Student
 Placement, 2
 Assistant Manager Banking, Grocery, Music Store,
 Orchestra Hall Small Loan Co. (unspecified), 3
 Assistant Manager Sm. Business, 4
 Assistant Neuro Psychologists. 3
 Assistant Psychologists. 2
 Assistant Registrar, University, 3
 Assistant Superintendent of Schools City, County, State, 1
 Assistant Trainer, Racetrack, 6
 Astronaut, 1
 Astronomer, 1
 Attendants (parking lots), 7

Audio Visual (unspecified), 4
 Audiometrician 4
 Auditors, 1
 Authors, 2
 Auto Accessories (sm. business),
 Auto Body Repairs, S
 Automobile A Designer,
 Automobile Underwriter. 3
 Aviation Metalsmith. 4
 Avon Products Saleswoman: cosmetics, wigs. self-
 employed, 4
 Awnings (sm. business), 3

B

Baby Sitters, 7
 Bacteriologists, 1
 Bailiff, 3
 Bakers, 5
 Bakery (sm. business), 3
 Bank Clerks and Tellers, 4
 Bank Presidents, Vice Presidents, 1
 Banker (unspecified), 2
 Barbers, 5
 Bartenders, 6
 Beautician/Cosmetologists, 5
 Beauty Shop (sm. business), 3
 Bell Diver, 4
 Bill Collectors, 4
 Bingo Tenders, 6
 Biochemical Technicians, 4
 Blacksmiths, 5
 Boatyard (sm. business), 3
 Boiler Makers, 5
 Bookbinders, 5
 Bookie or Numbersperson, 3
 Bookkeepers, 4
 Boy Scout Executives, 2
 Brakemen, R., 5
 Branch Managers, 2
 Brewers, 5
 Brick Layers/Brick Mason, 5
 Broadcast Engineers, 3
 Brokerage Salesmen (Stock Broker), 2
 Brokerage, Insurance, 3
 Brokers (large over \$100,000), 1
 Budget Analysts (wage/systems), 2
 Building Superintendents (custodian), 6

Bulldozer Operators, 5
 Bus Boys, 7
 Bus Drivers, 6
 Business Administration (unspecified), 2
 Business Machine Operators, Offices, 4
 Businessmen (unspecified), 2
 Butchers, 5
 Buyers, 2

C

Cabinet Workers, 5
 Cafeteria Workers, 7
 Cafeteria Workers (Public Schools). 6
 Car Cleaners, R.R.. 7
 Car Dealers, 3
 Car Helpers, RR., 7
 Carpenters, 5
 Carpet Cleaners, 5
 Carriers, Coal, 7
 Casters (Foundry), 5
 Caterers (small business), 3
 Cattle Dealers, 3
 Cement Finishers, S
 Chain Makers, 5
 Chairwomen, 7
 Chauffeurs, 6
 Checkers, 6
 Cheese Makers, 5
 Chefs, 5
 Chemical Engineer, 1
 Chemical Processmen, 5
 Chemical Sales, 2
 Chemists, 1
 Chief Clerks, 3
 Child Care Workers, 3
 Childbirth Instructors, 3
 Chiropodist/Podiatrists, 2
 Chiropractors, 2
 Choir Masters, 3
 Cigar Makers, S
 Cigarette Machines, 3
 City Planners, 2
 Civilian Workers, 3
 Claims Adjusters, 4
 Claims Examiners, 4
 Cleaning Shops, 3
 Clergymen (not trained), 3
 Clergymen (professionally trained), 1
 Clerical or Stenographic Secretaries, 4

Clerical Supervisors, 3
 Clerical, Bookbinders, Stale Clerks. Government, Hospital
 Admitting. Insurance, Library Desk, Railroad, 4
 Clerk Accountants, 3
 Clinical Laboratory Technicians, 4
 Clinical Supervisors, 3
 Clothing (sm. business), 3
 Clothing Salespersons, 4
 Clothing Store -- Owner (\$100,000), 2
 Coaches and Teachers, 2
 Coal Business, 3
 Coal Miners, 6
 Coal Processing Firemen, 6
 Coders, 4
 Coin Machine Fillers 6
 College Administrators (low level. 2
 College Administrators (major): Dean/President,
 Regent/Provost, 1
 College Personnel Services, 3
 Color Technicians, 1
 Commercial Drivers, S
 Community Development, 2
 Companion, 6
 Compositors, 5
 Comptometer Operators, 4
 Computer Programmers (unspecified), 2
 Computer Systems Analysts. 2
 Concern Managers, 3
 Conductors, RR., 4
 Construction, 7
 Consultants, Investment/Insurance, 2
 Contractor (Builders), 2
 Contractors (\$100,000), 2
 Contractors (Carpenters, Electrical, Flooring,
 Plastering, small), 3
 Contractors (large over \$100,000), 1
 Contractors (unspecified), 2
 Convalescent Homes, 3
 Cook's Helpers, 7
 Cooks, short order, 6
 Cooks, unspecified, 6
 Coordinator of Services for the blind, 2
 Coordinator Telephone
 Company, 3
 Copy Boy, 7
 Core Makers, 5
 Correction Officers, 2
 Cosmetology Teachers, 3
 Countermen, 7
 County Agents (agriculture), 2
 County Building Supervisor, 3

County Welfare Directors, 1
 County Workers, 6
 Court Recorders, 3
 Cowboys, 6
 Craftsmen, 5
 Credit Managers, 3
 Credit Supervisors: Gas, Electric Co., 3
 Crib Attendants, 6
 Criminologists, 1
 Custodial: Engineer/Stationary, Engineer Maintenance, 5
 Custodians, 7
 Cutters, 5
 Cytotechnicians, 2

D

Dairy Owners, 1
 Dairy Workers, 7
 Dancer Ballet, 2
 Dancing Teacher, 3
 Data Analysis, 2
 Data Preparation Managers, 2
 Data Processing, 4
 Dealer Representatives: Auto, 3
 Deck Hands, 7
 Decorating, 3
 Delivery Men, 6
 Demolition, 5
 Demolition Firm, 3
 Dental A , 4
 Dental Hygienists, 3
 Dental Technicians, 4
 Dentists. 1
 Deputy Sheriffs. 3
 Die Makers (own business), 2
 Diesel Engine Repairs, Maintenance (trained), 5
 Diesel Mechanics, 5
 Diesel Shovel Operators, 5
 Dietary Aide, 4
 Dietitian, 2
 Digital Computer (technician), 4
 Director of Community House, 2
 Director. Nursery School, 2
 Director. Government Commission on Employment,
 Religious Education, 2
 Disability Examiners, 2
 Dishwashers, 7
 Dispatchers, R.R. train, 3
 Display Worker, 5
 District Managers, 2

Dog Supplies (sm. business), 3
 Domestics, 7
 Door Fitters, 5
 Draftsmen/Mechanical Draftsmen, 4
 Dressmakers (machine), 6
 Driver/Salesman (e.g. Bread), 4
 Driving Teacher, 4
 Drugstore Bookkeeper/Clerk, 4
 Dry Goods (sm. business), 3

E

Economists, 1
 Editorial Assistants, 2
 Editors, 1
 Editors, company magazine, 2
 Education Administration (not major), 2
 Educational Specialists, 2
 Egg Candler, 6
 Electrical Technicians, 4
 Electricians, 5
 Electrotypists, 5
 Elevator Operators, 6
 Employment Counselors, 2
 Employment Interviewers, 4
 Engineering (college graduate) all kinds including
 Industrial Design, 1
 Engineers (not a college graduate), 2
 Engravers, 5
 Engraving Business, 3
 Enlisted Men, Military Services, 6
 Entomologists, 1
 Entomology Research, 2
 Entrepreneurs (manager/promoter), 2
 Equitation Instructors, 3
 Estate Managers (VA), 2
 Executive Assistants. 2
 Executive Managers, Government Officials, minor e.g.,
 Internal Revenue Agents, 2
 Executive. Legal Service Manager, Section Heads:
 Federal, State & Local Government, 3
 Expeditors, Factory Experimental Testers, 4
 Express Company Owners (\$100,000), 2
 Extension Home Agents, 3
 Exterminators, 5

F

Factory Storekeeper, 4
 Factory Supervisor, 4
 Factory Worker (semi-skilled), 6
 Farm Helpers, 7 Farm
 Management Specialists, 1
 Farm Managers, 2
 Farm Owners (\$25,000 - 35,000), 3
 Farmers Share Croppers, 7
 Farmers smaller tenants with little equipment, 6 Fashion
 Designers, 3
 Feed, 3
 Filers, Benders, Buffers, 6
 Filling Machines (wholesale drug), 6
 Film Makers, 3
 Film Processors, 5
 Finance companies, Local, 3
 Finance Writers, 2
 Fire Extinguishers, 3
 Fireman, City, R.R., 5
 Fisherman (Clam Diggers), 7
 Fitters, Gas: Steam, 5
 Five and Ten, 3
 Floor Workers, 6
 Florists, 3
 Flower Shops, 4
 Food Equipment, 3
 Food Products, 3
 Food Service Workers, 7
 Foreman: Apple processing, maintenance, machine shop,
 mine, 5
 Foreman: Construction; Dairy, 5
 Foreman: Newspaper, City, R., Ford Motor,
 etc., 4
 Forest Service Technician/Tree Surgeon, 2
 Forest Service Technicians, 4
 Foresters, 1
 Fork Lift Operators -6 Freight Handlers, 7
 Foundry Business (small) Foundry Workers, 6 Fruits,
 wholesale (\$100,000), 2
 Funeral Assistants, 5 Funeral Directors, 3
 Fur Trappers, 6 Furniture
 Business (\$100,000), 2
 Furniture Business (small), 3 Furriers, S

G

Garage, 3
 Garage and Gas Station Assistants, 6
 Garbage Collectors, 7
 Gardeners, Landscape (trained), S
 Garment Inspectors, 6
 Gasoline Brokers and Distributors Gas Station, 3
 Gastric Analysts, 1
 Gauge Makers, 5
 Geodetic Sciences, 1
 Geologists, 1
 Girls Counselors, 2
 Glass Blowers, 5
 Glass Worker/Glazier, 5
 Glassware, 3
 Government employees (unspecified), 4
 Graduate Resident Advisor, 2
 Grave Diggers, 7
 Greenhouse Workers, 6
 Grinders, 6
 Grocer General (\$6,000 - S35,000), 3
 Grocery Store (unspecified), 5
 Guards, Doorkeepers, Watchmen, 6
 Guidance Counselors, 2
 Gunsmiths, 5

H

Hair Stylists, 5
 Hairdressers, 6
 Hammer Helpers, 7
 Hardware (unspecified). 2
 Hat Maker, 5
 Health Educators, 2
 Health Inspectors, 4
 Hearing Technical Assistants, 3
 Heat Treaters, 5
 Historian (museum), 1
 Hog Carriers, 7
 Hog Killers, 7
 Home Economists, 2
 Horseback Riding (sm. business), 3
 Horseback Riding Assistants, 6
 Horticulturalists, S
 Hospital Administrator, 1
 Hospital Workers (unspecified), 7
 Hotel Proprietors, 3
 House Mining Company, 3
 Housekeepers, 6
 Housing Assistants Public Housing, 4

Hydrology, 1

I

Import/Export (unspecified), 2
 Industrial Relations, 2
 Industrial Workers, 6
 Inspectors: Boiler Insurance Company & Fire,
 Government, RR., Factory, etc., 4
 Installers: Electric Appliances, 5
 Institute of Music, 3
 Insurance Adjusters, Inspectors, Consultants, 3
 Insurance Agents, 3
 Insurance Executives, 2
 Interior Decorators, 3
 Interpreters, Court/U.N., 3
 Interviewers for Crippled Children Agency, 2
 Inventors, 3
 Investigators, 4
 Iron Makers, 5

J

Janitors, Sweepers, 7
 Jewelers (\$100,000), 2
 Jewelry (\$6,000 - \$35,000), 3
 Job Interviewers, 4
 Journalists, 2
 Judges (Superior Courts), 1

K

Key Boy, 6
 Kiln Foreman, 5
 Kitchen Helpers, 7

L

Labor Leader/Official, 2
 Labor Market Analysts, 2
 Labor Relations (Consultants), 2
 Laboratory Aides, 4
 Laboratory Assistants, 3
 Laboratory Technicians, 4
 Laborers (Construction), 7
 Laborers (unspecified), 7
 Landscape Planner, 3
 Landscaper, 3
 Large Business, e.g. Director/President Vice

President/Assistant Vice President Executive
 Secretary and Treasurer, 1
 Laundromat, 3
 Laundry Workers, 7
 Law Enforcement Officers, 5
 Lawyers, 1
 Lead Burners, 6
 Leasing or Rental Agents, 4
 Lens Grinder, 5
 Librarian, 2
 Library Aides, Technicians, 3
 Library Page, 6
 Licensed Practical Nurse, 3
 Life Guards, 4
 Linemen Utility, 5
 Linotype Operators, 5
 Linoleum Layers (trained), 5
 Lithographers, 5
 Local Treasurers RR., 1
 Locksmiths, 5
 Locomotive Engineers, R., 4
 Longshoremen Loom Fixers, 5
 Lumber Dealers, 1
 Lumber Delivery Men, 6
 Lumberjacks, 7
 Lumbermen (unspecified), 3

M

Machinery Broker, 3
 Machinist (trained), 5
 Mail Handler, 5
 Maintenance (Building), 6
 Maintenance Workers, RR., 5
 Makers (newspapers), 6
 Management Trainee: Sales, 3
 Management Hotel, 2
 Managers Carpet Workroom, 5
 Managers of Law Firm, 1
 Manufacturer (unspecified), 2
 Manufacturer Representatives, 2
 Manufacturing (small business), 3
 Marketing, 1
 Marketing Managers for Electric Company, 3
 Masons, 5
 Masseuses, 5
 Mathematicians, 1
 Meat Cutters and Packers, 6
 Meat Department (unspecified), 6
 Meat Wholesalers, 2

Mechanics (trainer), 5
 Medical Assistants, 3
 Medical Illustrator, 3
 Medical Records Librarian, 4
 Medical Technologists, 4
 Merchandise Department Store, 2
 Merchandise Helpers, 6
 Merchant Helpers, 6
 Merchant Marines, 5
 Messengers, 7
 Metal Fabrication, 6
 Metallurgists, 1
 Meter Readers, 6
 Microfilmmers, 4
 Midwife (unregistered), 3
 Military Commissioned Officers, Lieutenants, Captains.
 etc., 2
 Military Commissioned Officers, Majors and above,
 Military Officers (unspecified), 2
 Milkmen, 5
 Millwrights, 5
 Miners, 6
 Model Cities workers (City Government), 4
 Models, 3
 Monuments (small business), 3
 Morticians, 3
 Motor Mechanics, 5
 Moulder (trained), 5
 Movers, 6
 Municipal Tax collectors, 4
 Music Teachers, 3
 Music Therapists, 3
 Musicians (symphony), 2
 Musicians (unspecified), 2

N

NASA Space Vehicle Recovery, 1
 Neck Tie Worker, 6
 Newspaper Feature Syndicate Executive, 2
 Newstand, 4
 Nursery School Teacher, 3
 Nurses, 2
 Nurses Assistant, 3
 Nursing Technician, 4

O

Occupational Therapist (Sensio motor treatment techniques), 2

Office Assistant, Office Worker, 4
 Office Managers/Managers of Companies. etc., 2
 Oil Field Worker, 6
 Oil Treater, 6
 Oiler, R.R., 6
 Operating Engineers, 4
 Operation Room Technician, 4
 Operator (factory machines), 6
 Operator
 (Sanitary District), 7
 Operator, P.B.X. (private branch exchange), 4
 Optician, 2
 Optometrist, 1
 Oral Hygienist, 3
 Organist, 3
 Orthopedic G.M.S., 1
 Owner: Auto body repair business, Butcher shop,
 General store, Music store, Nursery. Small business, 3

P

Package store (liquor), 3
 Packager, 6
 Painter, 5
 Painting Contractor, 3
 Paper Hangers, 5
 Parole Officer, 2
 Passenger Agents, RR., 3
 Patrolmen, RR., 5
 Pattern and Model Makers, S
 Peace Corp. Volunteer, 2
 Peddler, 7
 Penologist, 1
 Personal Maid, 7
 Personnel Administrator, 4
 Personnel Interviewer, 3
 Personnel Manager, 2
 Personnel Work (unspecified), 4
 Personnel, Employment Managers, 3
 Petroleum Jobbers, 3
 Pharmacists, 2
 Pharmacologists, 1
 Photographers, 3
 Photographic Advisors, 2
 Physical Education Teacher, 2
 Physical Therapists, 2
 Physical Therapy Assistants, 3
 Physical Therapy Instructors (college level), 1
 Physical Therapy Instructors (non-college level), 2
 Physicians, 1
 Physicists Research, 1

Piano Builders, 5
 Piano Teachers, 3
 Piano Tuners, 5
 Pipe fitters, 5
 Placement Agency Workers 2
 Placement Directors, 2
 Planning Analyst, 2
 Planning Consultants/Mental Health, 2
 Planning Coordinator, 3
 Plant Managers, 2
 Plant Pathologists, 1
 Plastic Business, self-employed, 3
 Plater, 5
 Platform Men, RR, 7
 Playground Assistants, 5
 Plumbers, 5
 Plumbing Business, 3
 Plywood Workers, 6
 Police Chief, Sheriff, 2
 Police Detectives, 2
 Policemen, City, 5
 Polishers, 6
 Politician (unspecified), 2
 Portal Assistants, 4
 Porters, 7
 Post Office Clerks, 4
 Postman, Letter Carriers. 5
 Postmasters, 2
 Poultry Producers, 3
 Practical Nurses, 6
 Presser Supervisors, 5
 Presser, Clothing, 6
 Pressmen, 5
 Principal (elementary & high school), 2
 Printers, 5
 Prison Guards, 5
 Private Secretaries, 3
 Probation Officers, 2
 Production Managers, 2
 Production Planners, 3
 Production, Automobiles, 6
 Professional Sports, e.g. baseball, golf, 3
 Program Directors, Rehab. Center, 2
 Proofreaders, 4
 Psychiatrists, 1
 Psychological Research, 2
 Psychologist, practicing, 1
 Psychometrist/Psychological Technician, 2
 Public Health Officers (M.P.H), 2
 Public Work Heavy Equipment, 5
 Publicity & Public Relations (fundraising), 3

Publishers (unspecified), 2
 Pulpwood Producers, 3
 Pump Operators, 6
 Punch Press Operators, 6
 Purchasing Agents, 3
 Purchasing Managers, 2

R

Radio, TV Announcer, 3
 Radio, TV Maintenance, 5
 Railroad Agent, 4
 Railroad Station Manager, 3
 Railway Clerk, 4
 Rancher, 2
 Real Estate Broker (\$100,000), 2
 Real Estate business (small), 3
 Real Estate Management, 3
 Receiver and Checker, 6
 Receptionist/Hostess, 4
 Record and Radio (small business), 3
 Recreation Director, 2
 Recreation Therapist, 2
 Reforestation (plant new trees), 3
 Registered Midwife, 2
 Rehabilitation Counselor, 2
 Rehabilitation Supervisor, Chief O.T., 2
 Relief (public & private), 7
 Relief (worker), 6
 Religious Educator, 2
 Repairman, Home Appliances, 5
 Reporter, Court, 3
 Reporter, Newspaper, 3
 Research Assistant University (full-time), 2
 Research Director, Large firm, 1
 Reservoir Caretaker, 6
 Residential Appraiser, 3
 Restaurant (small), 3
 Restaurant (unspecified), 6
 Restaurant Manager, 3
 Roll Grinder-Steel Mill, 5
 Roofer, 6
 Roofer Helper, 7
 Roofing Contractor, 3
 Rope Splicer, 5
 Route Manager, 4
 Rubber Worker, 6
 Rug Business (\$100,000), 2
 Rural Letter Carrier, 5

S

Sales Clerks, 4
 Sales Consultants, 3
 Sales Distribution, 3
 Sales Engineers. National Concern, 2
 Sales Managers, National Concern, 2
 Sales Representatives, 3
 Sales Supervisors, 4
 Salesmen (unspecified), 3
 Sand Blasters, 6
 Sanders, 6
 Saw Mill Worker, 6
 Saw Milling. small operators, 3
 School Psychologists, 2
 Scientists (unspecified), 1
 Scrap Metal Dealer, 3
 Seamstress, 5
 Secretary: Medical, Trilingual, Bilingual, 3
 Section Heads: Large Business & Industries, 3
 Security Guards, 6
 Self-employed (unspecified), 3
 Service Managers, 3
 Service Representatives Telephone Co., 3
 Set Up Men (Factories), 6
 Sewage Plant Attendant, 6
 Shapers, 6
 Sheet Metal Workers (trained), 5
 Shipping Clerk, 4
 Shipsmith, 5
 Shipyard Safety Men, 6
 Shirt Folders, 7
 Shoe Factory Employees, 6
 Shoe Repairmen, (trained), S
 Shoe Shiner, 7
 Shoe Store, 3
 Shop Managers, 3
 Sign Writers, 5
 Signal Men. R R., 6
 Signs (small business), 3
 Singer, 3
 Skein Winder, 6
 Skid Puller, 7
 Slitter Operator, 6
 Snack Bar Operator (owner), 4
 Social Security Administrators, 3
 Social Work Assistants (no training), 6
 Social Workers, 2
 Soil Conservation, 2
 Solderer, Factory, 6
 Sorter, (rag & salvage), 7
 Sound Recorder (self-employed), 3
 Sound Recordist, 1
 Special Agents, (FBI, CIA, IRS), 2
 Speech Therapists, 2
 Sprayer, Paint, 6
 Stagehand, 7
 State Director, Rehab., 1
 State Highway Employees, 4
 Stationary Engineer (licensed), 4
 Statisticians, 1
 Steel Cutters, 5
 Steelworkers (not skilled), 6
 Stereotypers, 5
 Stevedores, 7
 Steward, Club, 5
 Steward, Shop, Union, 4
 Stewardess, 3
 Stillmen, Oil Company, 5
 Stock Handlers, 7
 Store Managers (Chain), 3
 Store Owners (\$100,000), 2
 Strander (wire machine), 6
 Street Cleaners, 7
 Strippers (rubber factory), 6
 Student Aides, 3
 Student Coordinators, 3
 Superintendent of Schools: City/County/State, 1
 Superintendent Circulation Dept., Newspaper, Creamery, R.R., 3
 Superintendent Coal Mine, Stock, Western Union, 4
 Supermarket Managers, 3
 Supervisor Maintenance, 4
 Supervisor Nursing Administration, 2
 Supervisor Production Planning, 3
 Supervisor United States Postal, 3
 Supervisor Utilities/Factories, 4
 Supervisors: Hospital, Housekeeping, 4
 Supplymen (Telephone), 6
 Surveyors, 3
 Systems Salesmen, 3
 Swimming Instructors, 3
 Switchboard Operators, 4
 Switchmen, RR., 5
 Symphony Conductor, 1
 Systems Manager, 3

T

T.V. Cameramen, 3

Tailor (trained), 5
 Tailor Shop (owner), 4
 Tally Men, 6
 Tavern Owner, 3
 Taxi Driver, 6
 Taxi Company, 3
 Teacher (elementary, high school), 2
 Teacher (university, college), 1
 Teacher Aide, 3
 Technical Assistants, 4
 Technical Consultant, 2
 Technical Writer, 2 Technician in Agricultural Services, 2
 Technician: Personnel, Engineering, 2
 Telegraph Operator, 5
 Telephone Company Supervisor, 4
 Telephone Operator, 5 Telephone Repairmen, 5 Teletype Operator, 5
 Tester, 6
 Textile Worker, 6
 Theater Owner (\$100,000), 2
 Tile Setters, 5
 Timekeeper, 4
 Timer, 6
 Tire Moulder, 6
 Tire Shop, 3
 Title Searcher, 3
 Toll Station Supervisor, 4
 Tool and Die Maker, 5
 Tool Designer, 3
 Tool Grinder, 5
 Tool Maker, 5
 Tour Guide, 4
 Tower Operator, 5
 Tower Operator, RR., 4
 Track Supervisor, 5
 Tractor & Trailer Trans., 5
 Tractor Driver, 6
 Traffic Manager, 3
 Trainmen, R R., 6
 Travel Agent, 3
 Treasurer Credit Union, 3
 Tree Sorter, 6
 Tree Trimmer, 5
 Truck Dispatcher, 4
 Truck Driver (general), 6
 Trucking Business, 3
 Truckmen, RR, 7
 Truck & Tractors, 3
 Trust Administrative Asst, 3
 Turntable Operator, 6
 Tutor, 3

Typist/Variotypist, Keypunch, 4
 Typographer, 5

U

Underwater Ordinance Workers, 5
 Underwriters: Insurance, 3
 Unskilled Factory Workers, 7
 Upholsterer (trained), 5
 Upholstery (small business), 3
 Urban Corporations, 6
 Ushers, 6
 Utility Men (automobiles), 6

V

VA Adjudicators, 2
 Vending Stand Operators/Food Service, 4
 Veterinarians (Vet Surgeons), 1

W

W.P.A. Workers, 7
 Waitress (Hash House), 7
 Waitress/Waiter (Better Places), 6
 Wall Paper Hangers, 5
 Wardens, 3
 Warehouse Clerks, 4
 Warehousemen, 7
 Washers (cars), 7
 Waste Product Recycling, 5
 Watch Makers, 5
 Weavers, 5
 Weighers, 6
 Weld Press Operators, 6
 Welders, 5
 Welders (spot), 6
 Wholesale Order Filler, 4
 Wholesale Outlet, 3
 Wholesaler (unspecified), 2
 Winder (machine), 6
 Window Cleaner, 7
 Window Shades (small business), 3
 Window Trimmer (store), 4
 Wine Bottlers, 6
 Wire Chief Technicians, 5
 Wiredrawer (machines), 6

Wood Workers (machine), 6
Woodchoppers, 7
Woodworking Factory (small), 3
Wrappers (stores & factories), 6
Writer/Author, Newspaper or unspecified, 2

X

X-Ray Aides, 5

Y

Y.M.C.A. Sports Directors, 2
Yard Masters, RR., 3
Yard Supervisors, RR.. 5
Youth Counselors, 2
Youth Group Directors, 2
Youth Programmers, 3

Z

Zoologists, 1