

FAMILY EXPENDITURE SURVEY 1993

SPECIFICATION OF PRODUCT CODES

Notes

1. Unless stated otherwise, product codes to be formed for positive results only.
2. For product codes having monetary values, results are recorded to 3 decimal places of a pound.
3. For product codes having numerical values, other than money, results to be recorded as integers.
4. Codes P001 to P199 are calculated for each person. Codes P200 and above are calculated for each household.
5. Unless stated otherwise, all monetary values appear as weekly equivalents. For Northern Ireland only rateable value (code B070) appears on the household schedule as an annual value but should be recorded on the database as a weekly equivalent; rate poundage (code B080), to be supplied separately by OPCS, should appear at the rate in the pound payable (ie as in the 1986 database).
6. Product codes P116 to P121, P126 to P136 and P153 are accumulated at person (spender) level from all sources ie from diary record books over the 14 days of record keeping, from credit, HP, and loan records, from standing orders, and from deductions from current pay. Only item codes with qualifiers 0, 1, and 3, are accumulated. (See also Appendix B3 note 3).
7. Product codes P515 to P528, P530, P531, P535 to P550 include payments made via credit, HP, standing order, or deductions from current pay (because they use codes P116 to P121, P126, P128, P130 to P136 and P153).
8. Deductions from pay (main and/or subsidiary jobs) are now recorded as weekly amounts as follows:-  
  
DCHTFSAM as WKLY438B, DCHOC SAM as WKLY438E,  
DEDUFAMT as WKLY415D, DEDFSAMT as WKLY415F,  
DEDESCAMT as WKLY415H, DEDONEAM as WKLY416B,  
DEDTWOAM as WKLY416E, DEDTHRAM as WKLY416H,  
SCHTFSAM as WKLY459B, SCHOCSAM as WKLY459E,  
SUBUFAMT as WKLY463D, SUBFSAMT as WKLY463F,  
SUBSCAMT as WKLY463H, SUBONEAM as WKLY458A.
9. B327 is the sum of all diary items with a qualifier code of '1' to indicate a "self supply" item of expenditure.
10. Codes' record numbers are indicated in superscript.

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SPECIFICATION OF PRODUCT CODES

Negative answers should be tested for and only accepted where shown.

If a value is missing it is equal to zero.

Code Description

Personal Product Codes P001 to P199 calculated for each individual.

P001 Take home pay, less tax refund, last time paid (main employment):-  
(43) code B303 43 minus code B304 44.

P002 Take home pay, less tax refund, last week/month (main employment):-  
(43) if code A250 43 has a value of 1, code P001 43.

P003 Gross wage/salary last time paid (main employment):-  
(43) sum of codes P001 43, B305 44, B306 44, B318 44, WKLY415H 56, WKLY416J 56, WKLY415D 56, WKLY438B 56, WKLY438E 56, and all diary codes appearing as deductions (as WKLY416B 56, WKLY416E 56, WKLY416H 56) from main employment pay. (See Appendix B3).

P004 Gross wage/salary last week/month (main employment):-  
(43) if code A250 43 has a value of 1, code P003 43.

P005 Gross wage/salary last time paid (main employment), 13 week rule  
(43) applied:-  
if code A208 43 has a value of less than 14, or code A209 43 has a value of 1 or 2, code P003 43.

P006 Normal take home pay:-  
(43) if A220 43 is GT 8 and B329 43 is non-zero and B321 43 equals 0, P006 = sum of codes B329 43 + B330 43, but  
if A220 43 is GT 8 and B329 43 is non-zero and B321 43 is non-zero, then P006 = B329 43.  
If A220 43 is GT 8 and B329 43 equals 0 and B320 43 equals 0, P006 = sum of codes P001 43 + B330 43, but  
if A220 43 is GT 8 and B329 43 equals 0 and B320 43 is non-zero, P006 = P001 43.  
if A220 43 is LE 8 and B320 43 equals 0, P006 = sum of codes P001 43 + B330 43, but  
if A220 43 is LE 8 and B320 43 is non-zero, P006 = P001 43.

P007 Normal gross wage/salary:-  
(43) sum of codes P006 43, B305 44, B306 44, B318 44, WKLY415H 56, WKLY415D 56, WKLY438B 56, WKLY438E 56, and all diary codes appearing as deductions (as WKLY416B 56, WKLY416E 56, WKLY416H 56 and WKLY416J 56) from main employment pay, and if (B320 43 + B321 43 = 0) add sum of codes (B312 43 + B330 43).

P008 Normal gross wage/salary, 13 week rule applied:-  
(43) if code A208 43 has a value of less than 14, or code A209 43 has a value of 1 or 2, code P007 43.

P009 Current contributory invalidity pension/allowance:-  
(47) if code A259 47 has a value of 1, code B369 47.

P010 Current GTP allowance:-  
(50) if code A273 50 has a value of 1, code B382 50.

P011 Gross wage - last time paid - 13 week rule - subsidiary  
(45) if A211 45 = 1, then P011 = sum of codes B309 45, B310 45, B311 45, WKLY458A and WKLY458C 56.

P012 Take home pay last week/month (subsidiary employment):-  
(45) if code A255 45 has a value of 1, code B309 45.

P013 Current Family Income Supplement:-  
(51) if code A257 51 has a value of 1, code B368 51.

P014 Gross wage/salary last week/month (subsidiary employment):-  
(45) if code A255 45 has a value of 1, sum of codes B309 45, B310 45, B311 45, plus WKLY458A 56 and WKLY458C 56.

P015 Gross wage/salary last time paid (subsidiary employment):-  
(45) sum of codes B309 45, B310 45, B311 45, plus WKLY458A 56 and WKLY458C 56.

P016 Current industrial injury disablement pension:-  
(47) P016 = B325 47.

P017 Male/female child aged under 18:-  
(41) if age (A005 41) is less than 18 and marital status (A006 41) is 3 or 4 (single), the person is a child.  
if sex is male (A004 41 = 1) code P017 has a value of 1.  
if sex is female (A004 41 = 2), code P017 has a value of 2.

P019 Male/female adult:-  
(41) if sex is male (A004 41 = 1), and P017 41 is zero, the product code has a value of 1. If sex is female (A004 41 = 2), and P017 41 is zero, the product code has a value of 2.

P020 Person working (new definition as from 1990):-  
(41) if A200 41 = 1, 3 or 4, P020 = 1.  
If A200 41 = 2, P020 = 1 unless B326 43 <6 and SEHOURS 56 = 1 or 2.

P022 Current unemployment benefit:-  
(48) if code A223 48 has a value of 1, code B362 48.

P023 Current sickness benefit:-  
(49) if code A225 49 has a value of 1, code B363 49.

P025 Current income support:-  
(51) if code A229 51 has a value of 1, code B365 51.

P028 Social Security benefits concurrent with earnings:-  
(51) if code A250 43 has a value of 1, and either code A208 43 is zero or code A209 43 has a value of 1 or 2, sum of codes P009 47, P022 48, P023 49, P025 51.

P029 NI contributions paid by non-employees:-  
(54) sum of codes B336 54 and B386 54.

P030 Social Security and other benefits excluded from income calculation  
(51) by operation of 13 week rule:-  
if code P008 43 is non zero, sum of codes P009 47, P010 50, P022 48, P023 49, P025 51 minus P028 51.  
plus (if code A231 51 has a value of 1) code B366 51  
plus (if code A240 51 has a value of 1) code B341 51.

P031 Social Security benefits included in income calculation:-  
(51) sum of codes P013 51, P016 47, P028 51, B337 51, B338 47, B339 47, B340 47, B343 47, B394 47, B403 49, B404 49, B405 49, B406 51, B418 47, B421 51  
plus (if code P008 43 = 0) codes P009 47, P010 50, P022 48, P023 49, P025 51.  
plus (if code A240 51 = 1) code B341 51.  
plus (if code A233 51 = 1) code B367 51.

P033 Social Security retirement, old age, widows pensions:-  
(47) sum of codes B338 47 and B339 47.

P034 Industrial injury disablement pension; family allowance/child  
(51) benefit; war disability pension; lump sum Christmas bonus to pensioners; severe disablement allowance; attendance allowance; invalid care allowance; disability living allowance (self care and mobility components):-  
sum of codes P016 47, B337 51, B340 47, B343 47, B394 47 B403 49, B405 49, B418 47, B421 51.

P035 Retired and of minimum NI pension age:-  
(41) if code A200 41 has a value of 6 and sex is male (A004 41 = 1) and age (A005 41) greater than 64; or sex is female (A004 41 = 2) and age (A005 41) greater than 59, the product code has a value of 1.

P036 Unoccupied and of minimum NI pension age:-  
(41) if code P020 41 is zero and code A200 41 is not coded value 6, and sex is male (A004 41 = 1) and age (A005 41) greater than 64, or sex is female (A004 41 = 2) and age (A005 41) greater than 59, the product code has a value of 1.

P037 Income from subsidiary self-employment:-  
(45) if A214 45 = 1 and A200 41 = 1, P037 = B326 43 + B328 43  
if A214 45 = 1 and A200 41 = 2, P037 = B328 43  
if A214 45 = 1 and A200 41 = 3 or 4 and WORKSTAT 56 = 1 or 2,  
P037 = B326 43 + B328 43.

P047 Income from self-employment (main or only occupation):-  
(43) if code A200 41 has a value of 2, 3 or 4, sum of codes B326 43  
and B328 45, minus code P037 45.

P048 Income from investments:-  
(46) sum of codes B333 46, B360 46, B373 46, B384 46, B398 46,  
B399 46, B401 46, ((B374 46 + B400 46 + B402 46 + B378 46  
+ B409 46) multiplied by 1.3333).

P049 Income from pensions, annuities:-  
(47) sum of codes B346 46, B347 46, B348 47, B349 47.

P050 Income from other sources:-  
(46) sum of codes B316 43, B352 46, B359 52, B364 52, B381 46,  
B385 46, B396 53,  
plus (if code A275 41 = 1) code B383 46  
plus (if code P005 43 = 0 and code A231 51 = 1) code B366 51.

P051 Total personal gross income (normal):-  
(43) sum of codes P008 43, P011 45, P031 51, P037 45, P047 43,  
P048 46, P049 47, P050 46.

P052 Person seeking work, not previously employed:-  
(48) if code A200 41 has a value of 3 or 4 and if code OCCUP91 56 is  
not coded, the product code has a value of 1 for males  
(A004 41 = 1), 2 for females (A004 41 = 2).

P053 Total personal gross income (current):-  
(43) sum of codes P004 43, P014 45, P030 51, P031 51, P037 45,  
P047 43, P048 46, P049 47, P050 46 plus (if code A279 49 = 1)  
code B388 49.

P054 Subsidiary job held:-  
(41) if either code A212 45 or code A214 45 is non zero, the product  
code has a value of 1.

#### Pensioner income

P060 Pensioner income - male, age 60-64:-  
(47) if sex is male (A004 41 = 1) and if age (A005 41) is greater  
than 59 but less than 65, sum of codes P016 47, B340 47,  
B394 47, B418 47 plus (if either code P016 47 or code B340 47  
is non zero, and code P008 43 is zero) code P025 51.

P061 Pensioner income - disregarding 13 week rule:-  
(47) if sex is female (A004 41 = 2) and age (A005 41) is greater  
than 59, or if sex is male (A004 41 = 1) and age (A005 41) is  
greater than 64, sum of codes P016 47, P028 51, B338 47,  
B339 47, B340 47, B394 47, B418 47, B421 51.

P062 Pensioner Income - applying 13 week rule:-  
(47) if code P008 43 is zero and if sex is female (A004 41 = 2) and age (A005 41) is greater than 59, or if sex is male (A004 41 = 1) and age (A005 41) is greater than 64, sum of codes P009 47, P022 48, P023 49, P025 51.

Components of normal gross wage/salary, 13 week rule applied

P063 NI employees contribution:-

(44) if A211 45 = 1, code B311 45, plus (if code P008 43 is non-zero) code B306 44.

P065 PAYE tax deduction:-

(44) if 211 45 = 1, code B310 45, plus (if code P008 43 is non-zero) code B305 44.

P066 PAYE tax refund:-

(44) if code A208 43 has a value of less than 14, or code A209 43 has a value of 1 or 2, code B304 44.

P067 Income tax, payments less refunds, 13 week rule applies (negatives acceptable):-

sum of codes P065 44, B347 46, B349 47, B387 54, B312 43, B391 44 plus ((B374 46 + B400 46 + B402 46 + B378 46 + B409 46) multiplied by 0.3333) minus sum of codes P066 44, B330 43 and B390 46.

P068 Tax deducted from pensions, investments, annuities, etc.

(46) P068 is tax paid that does not relate to earnings (other than a lump sum possibly included in B387 54)

$P068 = B347\ 46 + B349\ 47 + ((B374\ 46 + B378\ 46 + B400\ 46 + B402\ 46 + B409\ 46) \text{ multiplied by } 0.3333)$

P071 Current superannuation contributions:-

(44) Components of normal gross wage/salary, 13 week rule applies.  
if code A250 43 is non zero, code B318 44,  
if code A255 45 is non zero, code B319 45,  
if both are non-zero, sum of codes B318 44 and B319 45.

P072 Male/Female, single, aged 16 or 17:-

(41) if code P017 41 is coded 1 and code A005 41 is greater than 15, the product code has a value of 1. If code P017 41 is coded 2 and code A005 41 is greater than 15, the product code has a value of 2.

P073 Tax paid on bonuses

(44) if B320 43 = 0, then  $P073 = B312\ 43 - B330\ 43$

P075 Current NI employees contribution:-

(44) if code A250 43 is non zero, code B306 44,  
if code A255 45 is non zero, code B311 45,  
if both are non-zero, sum of codes B306 44 and B311 45.

P077 Current PAYE tax deduction:-  
(44) if code A250 43 is non zero, code B305 44  
if code A255 45 is non zero, code B310 45  
if both are non-zero, sum of codes B305 44 and B310 45.

P078 Current PAYE tax refund:-  
(44) if code A250 43 is non zero, code B304 44.

P079 Current income tax payments less refunds (negative answers acceptable):-  
(44) sum of codes P073 43, P077 44, B347 46, B349 47, B387 54, B391 46 plus (B374 46 + B400 46 + B402 46 + B378 46 + B409 46) multiplied by 0.3333) minus sum of codes P078 44 and B390 46.

P080 Building society accounts - interest and tax  
(46) P080 is the gross building society's returns  
P080 is equal to code B399 46 + (B400 46 multiplied by 1.3333).

P081 Interest on banks, national savings, TESSA accounts and tax  
(46) P081 is the gross returns on investments in banks, national savings and TESSA accounts.  
P081 = sum of codes B333 46, B373 46, B398 46 and B401 46 + ((B402 46 + B374 46) multiplied by 1.3333).

P082 Interest on gilt-edge and war loan, etc + tax  
(46) Gross returns on gilt edged, war loans, etc.  
P082 = code B409 46 multiplied by 1.3333.

P083 Interest on stocks and shares etc + tax  
(46) Gross returns on stocks and shares  
P083 is equal to code B378 46 multiplied by 1.3333.

P084 Maternity allowance - amount currently received  
(51) if A240 51 = 1, then P084 is equal to code B341 51.

P085 Any other benefit - amount currently received  
(51) P085 is the amount of other benefits currently received such as funeral expenses from the social fund, war disablement, widows benefit, etc.  
if A233 51 = 1, then P085 is equal to code B367 51.

P086 Trade unions/friendly societies benefits currently received - amount  
(51) if A231 51 = 1 and P005 43 = 0, then P086 is equal to code B366 51.

P087 Other insurance (including deductions from wages)  
(24) This is the amount of other insurance included in the A schedule plus deductions of friendly societies/sick clubs from wages.  
P087 is the sum of other insurance = B206 24 + D795 24.

## Credit Expenditure

Note: For Codes P102 to P107, P112, P114, P115, P145 to P152, the codes listed appear as values for LITEMPUR (Record 77), HPITEMA (Record 78) or CLUBIPUT (Record 80).

If code is valid at LITEMPUR sum weekly equivalent of LOANREP (WKLY275) and (if obtained less than 3 months before ie LORIGPAY zero or missing) weekly equivalent of LOANDEP (INB242L).

If code is valid at HPITEMA sum weekly equivalent of HPINSTAL (WKLY291) and weekly equivalent of HPDEPOS (INB242H), if obtained within last 3 months.

If code is valid at CLUBIPUT sum weekly equivalent of CLUBSCOS (WKLY300G).

For CREDIT CARD etc. transactions in from 1991 onwards, the following action occurs DCASHPR (Record 114) (with qualifier 3)/2 is summed to the appropriate total (P code)

- P102 Housing:-  
(54) sum of credit codes for 232, 233, 235, 236, 237, 238.
- P103 Fuel, light, power:-  
(54) sum of credit codes for 225, 226, 240, 242, 254, 255, 258.
- P104 Food:-  
(54) sum of credit codes for 101 to 103, 106, 108, 111 to 114, 116, 121, 122, 123, 127, 134, 138, 140 to 143, 146, 147, 148, 149, 152, 153, 155, 156, 158, 160, 162, 164, 171, 172, 173, 181 to 185, 190, 193, 196, 197, 199, 840 to 857.
- P105 Alcoholic Drink:-  
(54) sum of credit codes for 260, 261, 263 to 266, 269, 270, 271, 273 to 276, 279, 280, 281, 283 to 286, 289.
- P106 Tobacco:-  
(54) sum of credit codes for 211, 212, 213.
- P107 Clothing and Footwear:-  
(54) sum of credit codes for 301, 305, 311, 315, 321, 322, 325, 326, 330 to 332, 335 to 338, 341, 342, 343, 349, 1301, 1305, 1311, 1315, 1321, 1322, 1325, 1326, 1330, 1331, 1332, 1335, 1336, 1338, 1341, 1342, 1343, 1349.
- P108 New Cars - Purchase Price:-  
(54) sum of LCASHP 77/52, HPCASHPR 78/52 and WKLY300G 80 if the item code = 501.
- P109 Second-Hand Cars - Purchase Price:-  
(54) sum of LCASHP 77/52, HPCASHPR 78/52 and WKLY300G 80 if the item code = 502.
- P110 Motor Cycles - Purchase Price:-  
(54) sum of LCASHP 77/52, HPCASHPR 78/52 and WKLY300G 80 if the item code = 503.



Credit Expenditure cont.

P112 Miscellaneous:-

(54) sum of credit codes for 750, 801.

P114 Other Credit Expenditure:-

(54) sum of credit codes for 215, 218, 221, 222, 231, 787, 803, 811 to 814.

P115 Credit expenditure on permanent second dwelling:-

(54) sum of credit codes for 215, 216, 225 to 227 and 229.

Personal Expenditure (Codes P116 to P121, P126, P128 to P136 and P153)

(See Note 6)

Values are accumulated from all sources (eg record books, credit, HP standing orders) into PDCODVAL for both expenditure weeks.

P116 Housing:-

(54) sum of Record 89 PDRCODES 232, 233, 235, 236, 237, 238  
(See note 6).

P117 Fuel, light, power:-

(54) sum of Record 89 PDRCODES 225, 226, 240, 242, 254, 255, and 258.

P118 Food:-

(54) sum of record 89 PDRCODES 101 to 103, 106, 108, 111 to 114, 116, 121, 122, 123, 127, 134, 138, 140 to 143, 146, 147, 148, 149, 152, 153, 155, 156, 158, 160, 162, 164, 171, 172, 173, 181 to 185, 190, 193, 196, 197, 199, 840 to 857.

P119 Alcoholic drink:-

(54) sum of Record 89 PDRCODES 260, 261, 263 to 266, 269, 270, 271, 273 to 276, 279, 280, 281, 283 to 286, 289.

P120 Tobacco:-

(54) sum of record 89 PDRCODES 211, 212, 213.

P121 Clothing and footwear:-

(54) sum of Record 89 PDRCODES 301, 305, 311, 315, 321, 322, 325, 326, 330 to 332, 335 to 338, 341, 342, 343, 349, 1301, 1305, 1311, 1315, 1321, 1322, 1325, 1326, 1330, 1331, 1332, 1335, 1336, 1338, 1341, 1342, 1343, 1349.

P126 Miscellaneous:-

(54) sum of Record 89 PDRCODES 750, 789, 801.

P127 Purchase of dwelling + capital improvements

(54) sum of Record 89 PDRCODES 215, 218, 221, 222, 231.

P128 Other payments (negative answers acceptable):-

(54) sum of Record 89 PDRCODES 215, 218, 221, 222, 231, 787, 803, (810 to 814, minus 821 to 824) and P029, P071, P075, P079.

- P129 Expenditure on permanent second dwelling:-  
(54) sum of Record 89 PDRCODEs 215, 216, 225 to 227 and 229.
- P130 Household goods:-  
(54) sum of Record 89 PDRCODEs 402, 405, 407, 411, 413, 417, 419, 423, 425 to 428, 431, 434, 437 to 440, 623, 648, 731, 732, 742, 746, 786.
- P131 Household services:-  
(54) sum of Record 89 PDRCODEs 216, 227, 751, 752, 754, 758, 759, 760, 770, 772, 776, 777, 778, 779, 781, 782, 788, 790, 791, 796, 797, 799, 800, 805, 806, 807.
- P132 Personal goods and services:-  
(54) sum of Record 89 PDRCODEs 611, 621, 622, 624, 625, 642, 645, 646, 649, 650, 745, 773, 775, 793.
- P133 Motoring expenditure:-  
(54) sum of Record 89 PDRCODEs 501, 502, 503, 510, 512, 513, 514, 538, 539, 542, 545, 546, 548, 549.
- P134 Fares and other travel costs:-  
(54) sum of Record 89 PDRCODEs 505, 508, 511, 550, 551, 552, 553, 554, 555, 556, 557, 558, 560.
- P135 Leisure goods:-  
(54) sum of Record 89 PDRCODEs 408, 410, 414, 415, 416, 420, 421, 422, 601, 603, 604, 605, 631, 632, 634, 641, 721, 722, 723, 733, 734, 784.
- P136 Leisure services:-  
(54) sum of Record 89 PDRCODEs 229, 753, 755, 756, 757, 761, 763, 764, 764, 765, 768, 798, 802, and B334 54.

Credit Expenditure cont.

- P145 Household goods:-  
(54) sum of credit codes 402, 405, 407, 411, 413, 417, 419, 423, 425 to 428, 431, 434, 437 to 440, 623, 648, 731, 732, 742, 746, 786.
- P146 Household services:-  
(54) sum of credit codes 216, 227, 751, 752, 770, 772, 782, 788, 790, 791, 796, 797, 799, 805, 806, 807.
- P147 Personal goods and services:-  
(54) sum of credit codes 611, 621, 622, 624, 625, 642, 645, 646, 649, 650, 745, 773, 775, 793.
- P148 Motoring expenditure:-  
(54) sum of credit codes 501, 502, 503, 510, 512, 513, 514, 538, 539, 542, 545, 546, 548, 549.

- P149 Fares and other travel costs:-  
 (54) sum of credit codes 505, 508, 511, 550, 551, 552, 553, 554, 555, 556, 557, 558, 560.
- P150 Leisure goods:-  
 (54) sum of credit codes 408, 410, 414, 415, 416, 420, 421, 422, 601, 603, 604, 605, 631, 632, 634, 641, 721, 722, 723, 733, 734, 784.
- P151 Leisure services:-  
 (54) sum of credit codes 229, 753, 755, 757, 761, 763, 764, 765, 768, 798, 802.
- P152 Credit component of total personal expenditure:-  
 (54) sum of codes P102 to P107, P112, P145 to P151.
- P153 Total personal expenditure:-  
 (54) sum of codes P116 to P121, P126, P130 to P136.
- P154 Person with a company provided car:-  
 (41) if code A285 41 has a value of 1, the product code = 1
- P169 Current earnings from work as a mail order agent and/or baby sitter:-  
 (46) if code A275 41 has a value of 1, code B383 46.
- P173 Current Statutory Sick Pay:-  
 (49) if code A279 49 has a value of 1, code B388 49.
- P175 Social Security benefits received by employees away from work without  
 (51) pay more than 2 weeks:-  
 if A200 41 equals 1 and A208 43 has a value of more than 2, and A209 43 is zero or has a value of 3, sum of P009 47, P010 50, P022 48, P023 49, P025 51, P173 49, (plus if A240 51 has a value of 1 code B341 51).
- P177 Personal gross income, less tax and NI contributions (negative  
 (43) answers acceptable):-  
 code P051 43 minus sum of codes P029 54, P063 44, P067 44.

Deductions from Pay, if Current

- P180 Participant sports and specialised pastimes:-  
 (44) if code A250 43 is non zero, WKLY415H 56 plus diary code 764 if deducted from main pay.  
 if code A255 45 is non zero, plus diary code 764 if deducted from subsidiary pay.  
 if both are non-zero, WKLY415H 56 plus diary code 764.
- P182 Subscriptions to TUs, professional associations etc:-  
 (44) if code A250 43 is non zero, WKLY415D 56 plus diary code 796 if deducted from main pay.  
 if code A255 45 is non zero, plus diary code 796 if deducted from subsidiary pay.  
 if both are non zero, WKLY415D 56 + diary code 796.

P183 Other subscriptions:-  
(44) if code A250 43 is non zero, diary code 797 if appearing as a deduction from main pay,  
if code A255 45 is non zero, diary code 797 if appearing as a deduction from subsidiary pay, if both are non-zero, diary code 797.

P184 Charitable gifts:-  
(44) if code A250 43 is non zero, WKLY438B 56 + WKLY438E 56 plus diary code 798 if deducted from main pay.  
if code A255 45 is non zero, diary code 798 if deducted from subsidiary pay.  
if both are non-zero, WKLY438B 56 + WKLY438E 56 plus diary code 798.

P185 Miscellaneous expenditure on services:-  
(44) if code A250 43 is non zero, diary code 799 if appearing as a deduction from main pay.  
if code A255 45 is non zero, diary code 799 if appearing as a deduction from subsidiary pay,  
if both are non-zero, diary code 799.

P186 Cash gifts are non allocated elsewhere:-  
(44) if code A250 43 is non zero, diary code 802 if appearing as a deduction from main pay,  
if code A255 45 is non zero, diary code 802 if appearing as a deduction from subsidiary pay,  
if both are non-zero, diary code 802.

P187 All other deductions from pay not specified above:-  
(44) if code A250 43 is non zero, sum of all diary codes other than those listed above if appearing as a deduction from main pay,  
if code A255 45 is non zero, sum of all diary codes other than those listed above if appearing as a deduction from subsidiary pay,  
if both are non-zero, sum of all diary codes other than those listed above if appearing as a deduction from pay.

P188 Normal gross wage/salary of employees at work:-  
(43) if code P004 43 is non zero, code P007 43.

P190 Benefit unit identifier:-  
(41) if code A009 41 has a value of 1 or if code A006 41 has a value of 2 and code A009 41 has a value of 2, the product code has a value of 1.

P199 Normal gross weekly earnings of employees, main and subsidiary  
(43) occupation:-  
sum of codes P007 43, P015 45.

Household Product Codes P200 to P585 (calculated for each household - P, B and D Codes to be summed across all persons in the household)

P200 Number of rooms occupied (CSO basis):-  
(1) code A112 1 divided by 2, plus code A111 1.

P203 Income support currently received by head or wife of family unit  
(5) No: 1:-  
if code BENUNIT 31 has a value of 1, and if code A009 41 has a value of 1 or 2, code P025 51.

P204 Housing benefits for head or wife:-  
(12) if codes P203 5 is non zero, sum of codes B040 12, B047 12, B230 12.

P205 Rates rebate (Northern Ireland only):-  
(12) (all tenures) sum of codes B040 12 and B047 12.

P206 Community charge/council tax rebate:-  
(12) (all tenures) sum of codes B035 12 + B034 12 + B039 12 minus B037 12, plus (if CT25D50D 25 = 1) then B028 12 \* 0.25, plus (if CT25D50D = 2) then B028 12 \* 0.50. (Negative answers are possible)

P207 Water community charge rebate (Scotland only):-  
(12) (all tenures) code B055 12 minus B057 12. (Negative answers are possible)

P211 Calculated rates (Northern Ireland only):-  
(12) (all tenures) code B070 12 multiplied by (B080 12/100)

P220 Housing benefit/rent rebate or allowance/rate rebate/community charge rebates:-  
sum of codes P205 12, P206 12, P207 12, B230 12.

P221 Calculated rates, less rates rebate (Northern Ireland only):-  
(12) (all tenures) code P211 12 minus code P205 12

P249 Gas, slot meter payments less rebates (negative answers acceptable):-  
(13) code D254 13 minus code B173 13.

P250 Electricity, slot meter payments less rebates (negative answers acceptable):-  
(13) code D255 13 minus code B178 13.

P257 Gross rent (including rates if not paid separately):-  
(12) if A121 12 = 1, or 2, or 3, or 4, Sum of codes B010 12, B020 12, B230 12.

P261 Household with company provided car(s) (ie number of persons with company provided car(s) in the household):-  
(1) this product code has a value equal to the sum of codes P154 41 for persons within the household.

P262 Household with company provided (car(s) and privately owned car(s):-  
(1) if code P261 1 is greater than zero and code A149 14 is not zero, the product code has a value of 1.

P281 Net rent, rates, water & community charges, council tax, etc:-  
(12) (all tenures) sum of codes B010 12, B020 12, B030 12, B037 12, B038 12, B050 12, B053 12, B057 12, B060 12, B110 12, B130 12 B150 12.  
\*\*\*Due to the replacement of imputed rent with mortgage interest payments from 1992 onwards, these are now included in housing costs \*\*\*

Normal gross wage/salary (main employment) 13 week rule applied:-

P300 Household:-

(3) code P008 43.

P301 Head:-

(8) if PERSNO = 1, Code P008 43

P302 Wife:-

(10) if A002 41 = 1 and A004 41 = 2, code P008 43

P303 Others:-

(11) code P300 3, minus sum of codes P301 8, P302 10.

P304 Head of household unemployed:-

(8) if PERSNO = 1 and A200 41 has a value 3 or 4, the product code has a value of 1.

P305 Wife of head of household unemployed:-

(10) if A002 41 = 1 and A004 41 = 2 and A200 41 has a value of 3 or 4, the product code has a value of 1.

Gross wage/salary last week/month (subsidiary employment):-

P308 Household:-

(3) code P014 45.

P309 Head:-

(8) if PERSNO = 1, code P014 45.

P310 Wife:-

(10) if A002 41 = 1 and A004 41 = 2, code P014 45.

P311 Others:-

(11) code P308 3, minus sum of codes P309 8, P310 10.

Gross wage/salary last time paid (subsidiary employment):-  
13 week rule applies

P312 Household:-  
(3) code P011 45.

P313 Head:-  
(8) if PERSNO = 1, code P011 45.

P314 Wife:-  
(10) if A002 41 = 1 and A004 41 = 2, code P011 45.

P315 Others:-  
(11) code P312 3, minus sum of codes P313 8, P314 10.

Imputed income from Schedule B:-

P316 Household:-  
(3) sum of code B327 43 (see note 9) accumulated to household level.

P317 Head:-  
(8) if PERSNO = 1, sum of codes B327 43. (see note 9).

P318 Wife:-  
(10) if A002 41 = 1 and A004 41 = 2, sum of code B327 43 (see note 9).

P319 Others:-  
(11) code P316 3 minus sum of codes P317 8, P318 10.

Income from self-employment:-

P320 Household:-  
(3) sum of codes P037 45, P047 43.

P321 Head:-  
(8) if PERSNO = 1 sum of codes P037 45, P047 43

P322 Wife:-  
(10) if A002 41 = 1 and A004 41 = 2, sum of codes P037 45, P047 43.

P323 Others:-  
(11) code P320 3, minus sum of codes P321 8, P322 10.

Income from investments:-

- P324 Household:-  
(3) code P048 46.
- P325 Head:-  
(8) if PERSNO = 1, Code P048 46
- P326 Wife:-  
(10) if A002 41 = 1 and A004 41 = 2, code P048 46
- P327 Others:-  
(11) code P324 3, minus sum of codes P325 8, P326 10.

Incomes from pensions, annuities:-

- P328 Household:-  
(5) code P049 47.
- P329 Head:-  
(8) if PERSNO = 1, Code P049 47.
- P330 Wife:-  
(10) if A002 41 = 1 and A004 41 = 2, code P049 47.
- P331 Others:-  
(11) code P328 3, minus sum of codes P329 8, P330 10.

Social Security retirement, old age, widows pension:-

- P332 Household:-  
(5) code P033 47.
- P333 Head:-  
(8) if PERSNO = 1, code P033 47.
- P334 Wife:-  
(10) if A002 41 = 1 and A004 41 = 2, code P033 47.
- P335 Others:-  
(11) code P332 3, minus sum of codes P333 8, P334 10.



Other Social Security benefits:-

P336 Household:-

(5) code P031 51, minus code P033 47.

P337 Head:-

(8) if PERSNO = 1, P031 51 minus P033 47.

P338 Wife:-

(10) if A002 41 = 1 and A004 41 = 2, code P031 51, minus code P033 47.

P339 Others:-

(11) code P336 5, minus sum of codes P337 8, P338 10.

Income from other sources:-

P340 Household:-

(3) code P050 46.

P341 Head:-

(8) if PERSNO = 1, code P050 46.

P342 Wife:-

(10) if A002 41 = 1 and A004 41 = 2, code P050 46.

P343 Others:-

(11) code P340 3, minus sum of codes P341 8, P342 10.

Normal gross income:-

P344 Household:-

(3) sum of codes P051 43.

P345 Head:-

(8) if PERSNO = 1, code P051 43.

P346 Wife:-

(10) if A002 41 = 1 and A004 41 = 2, Code P051 43.

P347 Others:-

(11) code P344 3, minus sum of codes P345 8, P346 10.

Social Security benefits:-

P348 Household:-  
(5) sum of codes P332 5 and P336 5

P349 Head:-  
(8) sum of codes P333 8 and P337 8

P350 Wife:-  
(10) sum of codes P334 10 and P338 10

P351 Others:-  
(11) sum of codes P335 11 and P339 11

Current gross income:-

P352 Household:-  
(3) sum of codes P053 43.

P353 Head:-  
(8) if PERSNO = 1, code P053 43.

P354 Wife:-  
(10) if A002 41 = 1 and A004 41 = 2, code P053 43.

P355 Others:-  
(11) code P352 3, minus sum of codes P353 8, P354 10.

Normal gross wage/salary (main and subsidiary employment) 13 week rule applied:-

P356 Household:-  
(3) sum of codes P300 3 and P312 3

P357 Head:-  
(8) sum of codes P301 8 and P313 8

P358 Wife:-  
(10) sum of codes P302 10 and P314 10

P359 Others:-  
(11) sum of codes P303 11 and P315 11

P364 Pensioner income (RPI definition):-  
(5) sum of codes P060 47, P061 47, P062 47, and (if A057 2 is non-zero) or (A025 2 is non-zero and either B340 47 or B418 47 summed to household level are present) P220 12.

P365 Pensioner household:-  
(1) if code P364 5, divided by (P344 3 plus P220 12) is greater than 0.749, the product code has a value of 1.

Income:-

P386 Gross household income:-  
(3) based on "actual" earnings, if absent less than 14 weeks, or Social Security benefits if absent 14 weeks or more:-  
Sum of codes P005 43, P011 45, P031 51, P037 45, P047 43, P048 46, P049 47, P050 46.

P388 Current NI employees contribution:-  
(7) code P075 44.

P389 Gross household income, less tax and NI contributions, (negative answers acceptable):-  
(3) sum of codes P177 43.

P390 Current PAYE tax deduction:-  
(7) code P077 44.

P391 Current PAYE tax refund:-  
(7) code P078 44.

P392 Income tax, payments less refunds, (negative answers acceptable):-  
(7) code P079 44.

P393 Income tax payments less refunds, 13 week rule applied (negative answers acceptable):-  
(7) code P067 44.

P395 Normal gross income, excluding tax and NI contributions, but including value of self supply goods and income in kind:-  
(3) sum of P316 3, P344 3, B259 4, B263 4 minus sum of codes P029 54, P388 7, P392 7.

P396 Age of head of household:-  
(8) if PERSNO = 1, code A005 41.

P398 Age of wife of head of household:-  
(10) if A002 41 = 1 and A004 41 = 2, code A005 41.

P399 Normal gross income, excluding tax and NI contribution, but including income in kind (not self supply goods):-  
(3) P395 3 minus P316 3.

P425 Main source of household income:-  
(3) this code represents the source of household income which is greater than any other source of household income. The codes are:

1	Wages and salaries	(P300 3 + P312 3)
2	Self employment income	(P320 3)
3	Investment income	(P324 3)
4	Annuities and pensions	(P328 5)
5	Social Security Benefits	(P348 5)
6	Income from other sources	(P340 3)

P431 Value of the main source of household income:-  
(3) the largest value out of the codes listed at P425 3, above.

P479 Number of benefit units in household:-  
(1) code P190 41

P492 "Index" households - 1993 values:-  
(1) the product code has a value of 1 if code P365 1 is zero and if (code P344 3 plus P220 12) has a value of less than:-  
£(1st quarter)  
£(2nd quarter)  
£(3rd quarter)  
£(4th quarter)

P493 "Wealthy" household:-  
(1) if code P365 1 is not equal to 1, and code P492 1 is not equal to 1, the product code has a value of 1.

P514 Interest/principal mortgages - last instalment where interest element  
(12) is known:-  
if code B150 12 non zero, code B200 12.

#### Expenditure:-

P515 Housing (net):-  
(12) sum of codes B102 12, B104 12, B107 12, B108 12, P281 12, P116 54 (see note 7).

P516 Housing (gross):-  
(12) sum of codes P220 12, P515 12 (see note 7).

P517 Fuel, light and power (negative answers acceptable):-  
(13) sum of codes P117 54 (see note 7), B017 13, B027 13, B170 13, B175 13, B221 13, B222 13, minus sum of codes B173 13 and B178 13.

P518 Food:-  
(18) sum of codes B260 18, P118 54 (see note 7).

P519 Alcoholic drink:-  
(19) sum of codes P119 54 (see note 7).

P520 Tobacco:-  
(19) sum of codes P120 54 (see note 7).

P521 Clothing and footwear:-  
(21) sum of codes P121 54 (see note 7).

P522 Household goods:-  
(22) sum of codes P130 54 (see note 7), B270 22 and B271 22.

P523 Household services:-  
(15) sum of codes B166 15, B168 12, B180 15, B273 15, B280 to  
B283 15, P131 54 (see note 7)

P524 Personal goods and services:-  
(23) sum of codes P132 54 (see note 7).

P525 Motoring expenditure (negative value possible):-  
(14) sum of codes B187 14, B188 14, B244 14, B245 14, B247 14,  
P133 54, B163 14 (see note 7), minus code B179 14.

P526 Fares and other travel costs:-  
(14) sum of codes B158 14, B216 14, B217 14, B218 14, B220 14,  
P134 54 (see note 7).

P527 Leisure goods:-  
(20) sum of codes P135 54 (see note 7).

P528 Leisure services:-  
(20) sum of codes B160 16, B162 16, B164 16, B181 20, B194 20,  
B265 20, B480 to B485 all 20, P136 54 (see note 7).

P529 Fuel light and power (national accounts):-  
(24) sum of codes B017, B027, B170, B175, B221, D240, D242, D258,  
P249, P250 all in 13.

P530 Expenditure on permanent second dwelling:-  
(12) sum of codes P129 54 (see note 7), B101 24, B102 12, B106 24,  
B108 12 and B274 15.

P531 Other payments (negative answers acceptable):-  
(24) sum of codes P128 54 (see note 7), B101 24, B103 24, B105 24,  
B106 24, B196 to B200 24,24, 12, 12, 12, B206 24, B208 12,  
B213 12, B228 24, B229 24, D794 15, P087 24 minus B150 12.

P532 Purchases of dwellings/caravans, capital improvements and mortgage  
(24) payments:-  
sum of codes P127, B101 24, B103 24, B105 24, B106 24, B130 12,  
B200 12.

P535 CSO housing (gross):-  
(24) sum of codes P220, P515 (see note 7) (as P516).

P536 CSO housing (net):-  
(24) sum of codes B102, B104, B107, B108, P281, P116 (see note 7)  
(as P515)

P537 CSO fuel, light and power (negative answers possible):-  
(24) sum of codes P117 (see note 7), B017, B027, B170, B175, B221,  
B222, minus sum of codes B173 and B178 (as P517)

P538 CSO food:-  
(24) sum of codes B260, P118 (see note 7) (as P518)

P539 CSO alcoholic drink:-  
(24) sum of codes P119 (see note 7) (as P519)

P540 CSO tobacco:-  
(24) sum of codes P120 (see note 7) (as P520)

P541 CSO clothing and footwear:-  
(24) sum of codes P121 (see note 7) (as P521)

P542 CSO household goods:-  
(24) sum of codes P130 (see note 7), B270, B271 (as P522)

P543 CSO household services:-  
(24) sum of codes B166, B168, B180, B273, B280 to B283, P131  
(see note 7) (as P523)

P544 CSO personal goods and services:-  
(24) sum of codes P132 (see note 7) (as P524)

P545 CSO motoring expenditure (negative values possible):-  
(24) sum of codes B163, B187, B188, B244, B245, B247, P133  
(see note 7), minus code B179 (as P525)

P546 CSO fares and other travel costs:-  
(24) sum of codes B158, B216, B217, B218, B220, P134 (see note 7)  
(as P526)

P547 CSO leisure goods:-  
(24) sum of codes P135 (see note 7) (as P527)

P548 CSO leisure services:-  
(24) sum of codes B160, B162, B164, B181, B194, B265, B480 to B485,  
P136 (see note 7) (as P528)

P549 Miscellaneous:-  
(24) sum of codes P126 54 (see note 7) and B397 53, B238 24.

P550 Total expenditure:-  
(24) sum of codes P536 24 to P549 24 (see note 7).

P551 Total expenditure plus imputed values of welfare milk and free school  
(12) milk:-  
sum of B259 4, B263 4, P550 24 minus B327 43.

New Expenditure Codes Requested for 1993 by CSO National Accounts

- P552 Fares:-  
(24) sum of P546 and D222 both 24.
- P553 Miscellaneous:-  
(24) sum of D750 24, D801 24, B396 and B397 both 24.
- P554 Net Housing - Nat Accs (negatives acceptable):-  
(24) sum of codes B010, B020, B030, B050, B053, B057, B060, B102, B104, B107, B108, B110, D232, D233, D235, D236, D237, D238 all 12
- P555 Housing Services - Nat Accs:-  
(24) sum of codes B166 15, B168 12, B180 15, B273 15, D216 15, D225 to D227 13, 13, 15, D229 20, D751 15, D752 15, D758 to D760 all 15, D770 15, D772 15, D776 15, D777 15, D781 15, D782 15, D788 15, D790 15, D791 15, D796 15, D797 15, D799 15, D805 to D807 all 15.
- P556 Personal Goods And Services - Nat Accs:-  
(24) sum of codes B229 24, D611 23, D621 23, D622 23, D624 23, D625 23, D642 23, D645 23, D646 23, D649 23, D650 23, D745 23, D773 23, D775 23, D793 23.
- P557 Motoring - Nat Accs:-  
(24) sum of codes all 14 unless marked otherwise B187, B188, B244, B245, B247, D510, D512 to D514, D538, D539, D542, D545, D546, D548, D549, B163, P108 54 to P110 54 minus B179.
- P558 Leisure Services - Nat Accs (negatives acceptable):-  
(24) sum of codes B160 16, B162 16, B164 16, B181 20, B194 20, B480 to B485 all 20, D753 20, D755 20, D756 20, D761 20, D763 to D765 20, D768 20, D778 15, D779 15, D810 to D814 all 24 minus D821 to D824 all 24.
- P559 Miscellaneous Services - Nat Accs:-  
(24) sum of codes B238 24, B265 20, B334 54, D754 15, D756 20, D789 24, D798 20, D800 15, D802 20
- P560 Total Expenditure - Nat Accs (negatives acceptable):-  
(24) sum of codes P529 all 24, P538 to P542, P547, P552 to P559.
- P563 Subscriptions & Donations - Nat Accs:-  
(15) sum of codes B102 12, B106 12, B108 12, B180 15, B273 15, D216 15, D225 13, D226 13, D227 15, D229 20, D770, D772, D796, D797, D799, D805 to D807, D770 to end - all 15
- P564 Running of Motor Vehicles - Nat Accs:-  
(14) sum of codes B187, B188, D512, D538, D539, D542, D545, D546, D548, D549, B163 minus B179 all in 14
- P565 Other Travel - Nat Accs:-  
(14) sum of codes B158 14, B216 14, B217 14, B220 14, D550 14, D554 to D558 all 14, D560 14.

FAMILY EXPENDITURE SURVEY 1993

INDEX TO CODING FRAMES FOR DERIVED CODES

Coding Frame	Description
1	Type of Administrative Area
2	Household Composition
3	Benefit Unit Composition
4	Type of Household (Pensioner/Index/Wealthy)
5	Ranges of Gross Income/Disposable Income/Total Expenditure
6	Socio-Economic Group/Occupation
7	Occupation Class
8	Social Class
9	Households with Married Women (Composition)
10	Capacity of Car Engine
11	Standard Regions (and PAFREG)
12	Age of Head of Household/Wife of Head/CES
13	Economic Position
14	Relationship to Head of Household
15	Tenure Type
16	Employment Status
17	Sex of Oldest Person in Household



Value            Type of Administrative Area

Metropolitan Districts:

- 1            Greater London
- 2            Metropolitan Districts and Central Clydeside Conurbation

Non-Metropolitan Districts:

- 3            Areas with a population density of 3.2 or more persons per acre  
(7.9 or more persons per hectare)
- 4            Areas with a population density of 0.9 but less than 3.2  
persons per acre (2.2 but less than 7.9 persons per hectare)
- 5            Areas with a population density of less than 0.9 persons per  
acre (2.2 persons per hectare)

Household Composition - 16 Year Adult Basis (A061)  
Composition of Household (A062)

Value	Composition of Household
1	1 man
2	1 woman
3	1 man and 1 child
4	1 woman and 1 child
5	1 man and 2 or more children
6	1 woman and 2 or more children
7	1 man and 1 woman
8	2 men or 2 women
9	1 man, 1 woman and 1 child
10	2 men or 2 women and 1 child
11	1 man, 1 woman and 2 children
12	2 men or 2 women and 2 children
13	1 man, 1 woman and 3 children
14	2 men or 2 women and 3 children
15	2 adults and 4 children
16	2 adults and 5 children
17	2 adults and 6 or more children
18	3 adults
19	3 adults and 1 child
20	3 adults and 2 children
21	3 adults and 3 children
22	3 adults and 4 or more children
23	4 adults
24	4 adults and 1 child
25	4 adults and 2 or more children
26	5 adults
27	5 adults and 1 or more children
28	6 or more adults
29	Household comprising children only
30	All other households with children

## Notes:

1. For code A062 children are defined as unmarried and under 18. Adults are all married people and unmarried people aged 18 or over.
2. For code A061 children are aged under 16 and adults are aged 16 or over.

Value	Composition of Benefit Unit
1	1 man
2	1 woman
3	1 man and 1 child
4	1 woman and 1 child
5	1 man and 2 or more children
6	1 woman and 2 or more children
7	1 man and 1 woman
8	1 man, 1 woman and 1 child
9	1 man, 1 woman and 2 children
10	1 man, 1 woman and 3 children
11	1 man, 1 woman and 4 children
12	1 man, 1 woman and 5 children
13	1 man, 1 woman and 6 or more children
14	Children only
15	Any other composition

**Note:**

For code A063 children are defined as those aged under 16 and those aged 16, 17 or 18, unmarried and in full-time, non-advanced education (ie still at school).

Value	Type of Household
1	"Pensioner" Household - (CSO definition - see below)
2	"Index" Household - (non-pensioner household, where income of household is less than £*)
3	"Wealthy" Household - (non-pensioner household, where income of household is £* or more)

Pensioner households are those in which the following sources of income amount to at least 75% of the total household income plus housing benefit (i.e. codes P344 + P220):-

- a) NI disablement/war disability pensions received by men aged 60 or more.
- b) Current income support received in conjunction with NI disablement/war disability pensions by men aged 60 or over who are not in employment or who have been away from work without pay for more than 13 weeks.
- c) NI retirement pensions or current invalidity pensions received by men aged 65 or over.
- d) Current employment, sickness, industrial injury or income support received by men aged 65 or over who are not in employment or who have been away from work without pay for more than 13 weeks.
- e) NI retirement, widows, war disability or current invalidity pensions received by women aged 60 or over.
- f) Current unemployment, sickness, industrial injury or income support received by women aged 60 or over who are not in employment or who have been away from work without pay for more than 13 weeks.
- g) Housing benefit (i.e. the difference between gross and net housing costs as defined by code P220), providing any of the above conditions apply.

\* 1993 values are: Q1 £950 per week  
Q2 £960 per week  
Q3 £ per week  
Q4 £ per week

## CODING FRAME 5

## MONETARY RANGES

Ranges of Gross Income of Household (A059)

Ranges of Gross Income of Head (A060)

Ranges of Gross Income of Chief Economic Supporter (A175)

Ranges of Total Expenditure (A067)

Ranges of Disposable Income (gross household income, less tax and NI conts)  
(A107)\*

Range	£'s per week	Range	£'s per week
1	Under 50	26	400 and under 425
2	50 and under 60	27	425 and under 450
3	60 and under 70	28	450 and under 475
4	70 and under 80	29	475 and under 500
5	80 and under 90	30	500 and under 525
6	90 and under 100	31	525 and under 550
7	100 and under 110	32	550 and under 575
8	110 and under 120	33	575 and under 600
9	120 and under 130	34	600 and under 625
10	130 and under 140	35	625 and under 650
11	140 and under 150	36	650 and under 675
12	150 and under 160	37	675 and under 700
13	160 and under 170	38	700 and under 725
14	170 and under 180	39	725 and under 750
15	180 and under 200	40	750 and under 775
16	200 and under 220	41	775 and under 800
17	220 and under 240	42	800 and under 825
18	240 and under 260	43	825 and under 850
19	260 and under 280	44	850 and under 875
20	280 and under 300	45	875 and under 900
21	300 and under 320	46	900 and under 925
22	320 and under 340	47	925 and under 950
23	340 and under 360	48	950 and under 975
24	360 and under 380	49	975 and under 1000
25	380 and under 400	50	1000 and over

\* Negative values are included in range no. 1 for code A107.

## CODING FRAME 6

## SOCIO-ECONOMIC GROUP

Socio-Economic Group - Head of Household (A091)

Socio-Economic Group - CES (A179)

Socio-Economic Group - Main Occupation (A215)

Value	SEG	Occupation
1	SEG1.1	Employers - Large Establishments
2	SEG1.2	Managers - Large Establishments
3	SEG2.1	Employers - Small Establishments
4	SEG2.2	Managers - Small Establishments
5	SEG3	Professional Workers - Self Employed
6	SEG4	Professional Workers - Employees
7	SEG5.1	Ancillary Workers and Artists
8	SEG5.2	Foremen and Supervisors - Non Manual
9	SEG6	Junior Non-Manual Workers
10	SEG7	Personal Service Workers
11	SEG8	Foremen and Supervisors - Manual
12	SEG9	Skilled Manual Workers
13	SEG10	Semi-Skilled Manual Workers
14	SEG11	Unskilled Manual Workers
15	SEG12	Own Account Workers (not professional)
16	SEG13	Farmers - Employers and Managers
17	SEG14	Farmers - Own Account
18	SEG15	Agricultural Workers
19	SEG16	Members of Armed Forces
20	SEG17	Inadequately described and not stated
21		Retired
22		Unoccupied

Note: Values 1 to 20 are derived from code INSEG which is derived from code OCCUP91 on Schedule B and are based on the SOEC/OPCS Classification of Occupations.

Value 21 is allocated to people who are coded 5, 6 or 7 at EMPSTAT and have reached the NI minimum retirement age (i.e. 65 for a man, 60 for a woman).

Value 22 is allocated to those who are coded 3 or 4 at EMPSTAT and have no recording at OCCUP91, to those who are coded 5, 6 or 7 at EMPSTAT, are under NI retirement age and have no recording at OCCUP91, to those who are coded 2 at EMPSTAT but have no recording at P020, and to those who are on a Government Training Programme (i.e. A204 = 1).

See Coding Frame 7 for a reduced, 11 point coding for Head of Household (A096).

## CODING FRAME 7

## OCCUPATION CLASS (A096)

Value	Occupation	Socio-Economic Group (see Coding Frame 6)
1	Professional	5, 6
2	Employers and Managers	1, 2, 3, 4, 16
3	Intermediate Non-Manual	7, 8
4	Junior Non-Manual	9
5	Skilled Manual and Own Account Non-Professional	11, 12, 15, 17
6	Semi-Skilled Manual and Personal Service	10, 13, 18
7	Unskilled Manual	14
8	Armed Forces	19
9	Inadequately Described	20
10	Retired	21
11	Unoccupied	22

Code A096 is formed by collapsing Code A091 from 22 values to 11, as shown.

## CODING FRAME 8

## SOCIAL CLASS OF HEAD OF HOUSEHOLD (A095)

Value	Social Class	Remarks
1	Social Class I	
2	Social Class II	
3	Social Class III N	
4	Social Class III M	
5	Social Class IV	
6	Social Class V	
7	Other Heads of Household	e.g. Armed Forces

## Note:

This code is taken directly from the code INSOC



Value	Composition of Household
	Household with a working married woman with:
1	no child
2	one child
3	two children
4	three children
5	four children
6	five children
7	six or more children
	Household with a non-working, married woman with:
8	no child
9	one child
10	two children
11	three children
12	four children
13	five children
14	six or more children

**Note:**

This code is formed by identifying the first working married woman in each household (Code A004, value 2, Code A006, value 1 or 2 and Code A015 value 1). Where a working married woman is identified the number of children unmarried and aged under 18 within the same family unit (BENUNIT) is then counted and Code A053 with values 1 to 7 above is formed for the household. Values 8 to 14 are formed for all other households with a married woman, the number of children being determined as before.

CODING FRAME 10

CAPACITY OF CAR ENGINE (A287)

Value	Capacity
1	Up to 1400cc
2	1401 to 2000cc
3	2001cc and over
4	Don't know

Value	Standard Region	OPCS' P.A.F. Region Code
1	Northern	1, 2
2	Yorks and Humberside	3, 4
3	North Western	5, 6
4	East Midlands	7
5	West Midlands	8, 9
6	East Anglia	10
7	Greater London	11, 12, 13, 14
8	South East (except Greater London)	15, 16
9	South Western	17
10	Wales	18, 19
11	Scotland	20, 21, 22, 23, 24
12	N.Ireland	25

PAF Region Codes (PAFREG) are as follows:

1	North Metropolitan	22	Glasgow
2	North Non-Metropolitan	23	Strathclyde excl. Glasgow
3	Yorks and Humberside Metropolitan	24	Borders, Dumfries and Galloway
4	Yorks and Humberside Non-Metropolitan	25	Northern Ireland
5	North West Metropolitan		
6	North West Non-Metropolitan		
7	East Midlands		
8	West Midlands Metropolitan		
9	West Midlands Non-Metropolitan		
10	East Anglia		
11	Greater London - North East		
12	Greater London - North West		
13	Greater London - South East		
14	Greater London - South West		
15	South East Other Metropolitan		
16	South East Other		
17	South West excluding Isles of Scilly		
18	Wales I		
19	Wales II		
20	Highland, Metropolitan Grampian, Tayside excluding Islands		
21	Fife, Central, Lothian		

## CODING FRAME 12

## AGE

Age of Head of Household (A065)  
Age of Wife of Head (A066)  
Age of Chief Economic Supporter (A180)

Range	Age
3	15 but under 20 years
4	20 " " 25 "
5	25 " " 30 "
6	30 " " 35 "
7	35 " " 40 "
8	40 " " 45 "
9	45 " " 50 "
10	50 " " 55 "
11	55 " " 60 "
12	60 " " 65 "
13	65 " " 70 "
14	70 " " 75 "
15	75 " " 80 "
16	80 " " 85 "
17	85 " " 90 "
18	90 " " 95 "
19	95 and over

## Note:

The range number is obtained by dividing the age by 5 and ignoring any fraction remaining. All ages over 100 are in range 19.

Economic Position of Wife of Head (A089)  
 Economic Position of Head of Household (A093)  
 Economic Position of CES (A177)  
 Economic Position (A206)

Value	Economic Position
	ECONOMICALLY ACTIVE
1	Self-employed
2	Full-time employee at work
3	Part-time employee at work
4	Full-time employee temporarily away from work
5	Part-time employee temporarily away from work
6	Unemployed
7	Work related Government Training Programmes
	ECONOMICALLY INACTIVE
8	Retired/unoccupied and of minimum NI Pension age
9	Retired/unoccupied but under minimum NI Pension age

## Derivation:

- 1 Self-employed or employer (persons coded 2 at A200 and coded 1 at P020), unless A204 equals 1, when economic position equals 7.
- 2 At present working as full-time employee (persons coded 1 at A200, coded 2 or zero at A207 and coded 31 or more at A220), unless A204 equals 1, when economic position equals 7.
- 3 At present working as part-time employee (persons coded 1 at A200, coded 2 or zero at A207 and coded greater than zero but under 31 at A220), unless A204 equals 1, when economic position equals 7.
- 4 Full-time employee temporarily away from work (persons coded 1 at A200, coded 1, 3 or 4 at A207 and coded 31 or more at A220), unless A204 equals 1, when economic position equals 7.
- 5 Part-time employee temporarily away from work (persons coded 1 at A200, coded 1, 3 or 4 at A207 and coded greater than zero but under 31 at A220), unless A204 equals 1, when economic position equals 7.
- 6 Unemployed (persons coded 3 or 4 at A200)
- 7 At present in Work Related Government Programmes (persons coded 1 at A204)
- 8 Retired/unoccupied and of minimum pension age (males aged 65 or over, females aged 60 or over, coded 5, 6 or 7 at A200)
- 9 Retired/unoccupied but under minimum pension age (males aged less than 65, females aged less than 60, coded 5, 6 or 7 at A200) OR (coded 2 at A200 and not coded at P020).

## CODING FRAME 14

## RELATIONSHIP TO HEAD OF HOUSEHOLD (A002)

Value	Relationship
0	HOH
1	Wife
2	Son or daughter
3	Son-in-law or daughter-in-law
4	Father or Mother
5	Father-in-law or mother-in-law
6	Brother or sister
7	Grandson or granddaughter
8	Other relative
9	Non-relative

CODING FRAME 15

TENURE TYPE (A121)

Value	Description
1	Local Authority Rented Unfurnished
2	Housing Association
3	Other Rented Unfurnished
4	Rented Furnished
5	Owned with Mortgage (i.e. in process of purchase)
6	Owned by Rental Purchase
7	Owned Outright
8	Rent Free

## CODING FRAME 16

## EMPLOYMENT STATUS (A200)

Value	Description
1	Employee
2	Self-employed or employer
3	Out of employment, seeking work within last 4 weeks and available to start a job
4	Out of employment, waiting to start a job already obtained
5	Sick or injured
6	Retired including Job Release Scheme
7	Unoccupied



CODING FRAME 17

SEX OF OLDEST PERSON IN HOUSEHOLD (A071)

Value	Description
1	Oldest age in household = Male
2	Oldest age in household = Female
3	Oldest age in household = Mixed sex

Definitions of Variables used in Family Spending 1993

Block Q

This shows the variable names of the main expenditure categories used in Family Spending 1993.

Block S

This shows housing expenditure by tenure, as in table 1.4 in Family Spending 1993.

Block W

This shows the detailed breakdown of expenditure used in Family Spending 1993.

BLOCK Q

1993

Household Expenditure: Group Totals - Retrospective recall

Commodity or Service			Record Number
1	Housing: gross	P535	(24)
2	Housing: net	P536	"
3	Fuel, light and power	P537	"
4	Food	P538	"
5	Alcoholic drink	P539	"
6	Tobacco	P540	"
7	Clothing and footwear	P541	"
8	Household goods	P542	"
9	Household services	P543	"
10	Personal goods and services	P544	"
11	Motoring expenditure	P545	"
12	Fares and travel costs	P546	"
13	Leisure goods	P547	"
14	Leisure services	P548	"
15	Miscellaneous	P549	"
16	All expenditure groups	P550	(CIR/24)

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## BLOCK S

1993

## Housing expenditure by tenure:

Averaged over number of households in each tenure

		Record Number
100	Rented unfurnished	(12)
101	No. of households - Rented unfurnished	
102	Gross payments for rent, rates, water, comm. Charge, council tax etc	(12)
103	less housing benefit, rebates and allowances received	"
104	Net rent, rates, water, comm. Charge council tax etc	"
105	Repairs, maintenance and decorations	"
106	Total net housing expenditure	(24)
110	Local authority	(12)
111	No. of households - Local authority	
112	Gross payments for rent, rates, water, comm. Charge, council tax etc	(12)
113	less housing benefit, rebates and allowances received	"
114	Net rent, rates, water, comm. Charge council tax etc	"
115	Repairs, maintenance and decorations	"
116	Total net housing expenditure	(24)
120	Housing association	(12)
121	No. of households - Housing Association	
122	Gross payments for rent, rates, water, comm. Charge, council tax etc	(12)
123	less housing benefit, rebates and allowances received	"
124	Net rent, rates, water, comm. Charge, council tax etc	"
125	Repairs, maintenance and decorations	"
126	Total net housing expenditure	(24)

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BLOCK S (contd)

		1993
		Record Number
130	Other rented unfurnished (A121=3)	(12)
131	No. of households - Other rented unfurnished	
132	Gross payments for rent, rates, water, comm. Charge, council tax etc P220,P281	(12)
133	less housing benefit, rebates and allowances received P220	"
134	Net rent, rates, water, comm. charge, council tax etc P281	"
135	Repairs, maintenance and decorations B102,B104,B107, B108,D232,D233, D235 to D238	"
136	Total net housing expenditure P536	(24)
200	Rented furnished (A121=4)	(12)
201	No. of households - Rented furnished	
202	Gross payments for rent, rates, water, comm. charge, council tax etc P220,P281	(12)
203	less housing benefit, rebates and allowances received P220	"
204	Net rent, rates, water, comm. charge council tax etc P281	"
205	Repairs, maintenance and decorations B102,B104,B107, B108,D232,D233, D235 to D238	"
206	Total net housing expenditure P536	(24)
300	Rent-free (A121=8)	(12)
301	No. of households - Rent free	
302	Gross payment for rates, water, comm. charge, council tax etc P220,P281	(12)
303	less housing benefit, rebate and allowances received P220	"
304	Net rates, water, community charge, council tax etc P281	"
305	Repairs, maintenance and decorations B102,B104,B107, B108,D232,D233, D235 to D238	"
306	Total net housing expenditure P536	(24)

## BLOCK S (contd)

			1993
			Record Number
400	Owner-occupied	(A121=5or6or7)	(12)
401	No. of households - Owner-occupied		
402	Mortgage interest payments	B130,B150	(12)
403	Gross payment for rates, water, community charge, council tax & insurance of structure	P220,P281 minus (B130,B150)	"
404	less housing benefit, rebate and allowances received	P220	"
405	Net rates, water, community charge, council tax etc	P281	"
406	Repairs, maintenance and decorations	B102,B104,B107, B108,D232,D233, D235 to D238	"
407	Total net housing expenditure	P536	(24)
410	In process of purchase	(A121=5 or 6)	(12)
411	No. of households - in process of purchase		
412	Mortgage interest payments	B130,B150	(12)
413	Gross payment for rates, water, community charge, council tax & insurance of structure	P220,P281 minus (B130,B150)	"
414	less housing benefit, rebate and allowances received	P220	"
415	Net rates, water, community charge, council tax etc	P281	"
416	Repairs, maintenance and decorations	B102,B104,B107, B108,D232,D233, D235 to D238	"
417	Total net housing expenditure	P536	(24)
420	Owned outright	(A121=7)	(12)
421	No. of households - Owned outright		
422	Gross payment for rates, water, community charge, council tax & insurance of structure	P220,P281	(12)
423	less housing benefit, rebate and allowances received	P220	"
424	Net rates, water, community charge, council tax etc	P281	"
425	Repairs, maintenance and decorations	B102,B104,B107, B108,D232,D233, D235 to D238	"
426	Total net housing expenditure	P536	(24)

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## BLOCK W

## Household expenditure - components - Retrospective recall

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
1 to 4	Housing		
5	Expenditure on repairs, maintenance and decorations by all households	5.1 Payments to contractors for repairs, maintenance and decorations	B102,B104,B107, B108 (12)
		5.2 Purchases of materials for home repairs, maintenance and decorations:	D232,D233, D235 to D238 "
		5.2.1 Paint, wallpaper, timber and hardboard	D237 "
		5.2.2 Other materials	D238 "
		5.2.3 Fittings, excluding fireplaces	D235 "
		5.2.4 Tools, etc. e.g. paint brushes, scrapers	D236 "
		5.2.5 Hire of equipment	D232 "
		5.2.6 Composite or undefined purchases	D233 "
	Fuel, light and power		
6	Gas		B170,B221,P249, D226 (13)
7	Electricity		B175,B222,P250 D225 "
8	Coal and coke	8.1 Coal	D240 "
		8.2 Coke	D242 "
9	Fuel oil and other fuel and light	9.1 Fuel oil for central heating	B017 "
		9.2 Other fuel and light, eg paraffin, calor gas, candles, firewood and undefined fuel	B027,D258 (12:D258 13)

BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
	Food		
10	Bread, milk loaves, rolls etc	D101	(18)
11	Flour, plain and self-raising	D102	"
12	Biscuits, cakes etc	12.1 Biscuits, shortbread, wafers D103 12.2 Cakes, buns, currant bread, fruit pies, pasties and scones etc; composite purchases of bread, flour, biscuits cakes not separately distinguished D106	"
13	Breakfast and other cereals	D108	"
14	Beef and veal	D111	"
15	Mutton and Lamb	D112	"
16	Pork	D113	"
17	Bacon and ham (uncooked)	D114	"
18	Ham, cooked (including canned)	D121	"
19	Poultry, other and undefined meat	19.1 Poultry, cooked and uncooked, canned, bottled, frozen, game, venison, rabbits (cooked and uncooked, canned, bottled, frozen) D127 19.2 Sausages (uncooked) and sausage meat D122 19.3 Meats, cooked, canned and bottled, and meat products D123 19.4 Offal and other meat, meat undefined D116	"
20	Fish including shellfish, frozen fish and chips, fish cakes	D134	"
21	Hot fish and chips, fried fish, fish cakes	D138	"
22	Butter	D141	"
23	Margarine	D142	"



BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
	Food (continued)		
24	Lard, cooking fats, vegetable fats and oils	D149	"
25	Milk, fresh	D143	(18)
26	Milk products including cream	26.1 Skimmed milk D147 26.2 Other milk products eg cream, mousse, yoghurt D148	" "
27	Cheese, including processed cheese	D146	"
28	Eggs	D140	"
29	Potatoes, potato products	29.1 Raw potatoes D158 29.2 Potato crisps, sticks and similar products, tinned potatoes, frozen chips D156	" "
30	Other and undefined vegetables	30.1 Fresh, vegetables and tomatoes D152 30.2 Canned, bottled, dried vegetables and tomatoes D153 30.3 Frozen vegetables D155	" " "
31	Fruit, nuts etc	31.1 Fresh fruit D160 31.2 Fruit juices and tomato juice D162 31.3 Canned, bottled, dried and frozen fruit, including nuts D164	" " "
32	Sugar	D181	"
33	Syrup, honey, lemon curd, jam, marmalade etc	D182	"
34	Sweets and chocolates	D185	"
35	Tea	D171	"
36	Coffee	D172	"
37	Cocoa, drinking chocolate, other food drinks	D173	"
38	Soft drinks, eg squashes, cordials, crystals, powders	D184	"

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BLOCK W (contd)

Ref No.	MAIN ITEM Food (continued)	COMPONENTS	RECORD NUMBER
39	Ice cream, iced lollies		D183 "
40	Other food, foods not defined	40.1 Canned, bottled and packeted foods eg vegetable salad, 'ready to heat' meats, soups, puddings, mince meat, jellies, baby, junior and geriatric foods (other than milk)	D190 "
		40.2 Pickles, sauces, flavourings, colourings, additives	D193 "
		40.3 Foods, other and undefined including sandwiches	D196,D199 "
		40.4 Hot take-away food	D197 "
41	Meals bought away from home	41.1 State schools meals	B260 "
		41.2 Canteen meals	D840 to D842 "
		All other meals out:	
		41.3 Eaten on premises	D843 to D846 "
		41.4 Eaten off premises	D847 to D857 "
	Alcoholic drink - brought home		
42	Beer, stout, ale, shandy, cider etc	42.1 Beer, Shandy etc	D280 (19)
		42.2 Cider and perry	D281 "
43	Wines, spirits etc	43.1 Fortified wines	D283 "
		43.2 Non fortified wines	D284 "
		43.3 Unspecified wines	D285 "
		43.4 Spirits, liqueurs etc	D286 "

including tips

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BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
44	Alcoholic drink - bought at off-licence and consumed away from home Drinks not defined	D289	"
45	Beer, stout, ale, shandy, cider etc	45.1 Beer, shandy etc 45.2 Cider and perry	(19) "
46	Wines, spirits, etc	46.1 Fortified wines 46.2 Non fortified wines 46.3 Unspecified wines 46.4 Spirits liqueurs, etc	" " " "
47	Drinks not defined	D269	"
48	Alcoholic drink - bought at licensed premises and consumed away from home * Beer, stout, ale, shandy, cider etc	48.1 Beer, shandy etc 48.2 Cider and perry	" "
49	Wines, spirits etc	49.1 Fortified wines 49.2 Non fortified wines 49.3 Unspecified wines 49.4 Spirits, liqueurs, etc	" " " "
50	Drinks not defined	D279	"
51	Tobacco Cigarettes, including cigarette tobacco and papers	D211	"
52	Pipe tobacco	D212	"
53	Cigars and snuff	D213	"

including tips

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## BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER	
54	Clothing and footwear (not bought from large chain stores) Men's outer clothing, eg coats, shirts, suits, cardigans, overalls, shorts, sportswear	D301	(21)	
55	Men's underclothing and hosiery	D305	"	
56	Women's outer clothing, eg coats, dresses, suits, separates, overalls, sportswear	D311	"	
57	Women's underclothing and hosiery	D315	"	
58	Boy's clothing	58.1 Outerwear including shirts 58.2 Underwear and hosiery	D321 D322	" "
59	Girls' clothing	59.1 Outerwear 59.2 Underwear and hosiery	D325 D326	" "
60	Infants' clothing	60.1 Outerwear 60.2 Underwear and hosiery	D335 D336	" "
61	Hats, gloves, haberdashery etc	61.1 Men's and boys' headgear 61.2 Women's and girls' headgear, haberdashery, eg gloves, scarves, handkerchiefs, ties, knitting wool, etc	D331 D332	(21) "

## BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER	
	Clothing and footwear (not bought from large chain stores) (contd)			
62	Clothing materials and making-up charges, clothing not fully defined	62.1 Clothing materials	D330	"
		62.2 Clothing charges, hire of clothing, dressmaking charges other than repairs and alterations	D337	"
		62.3 Clothing not fully defined	D338	"
	Clothing and footwear (bought from large chain stores)			
63	Footwear	63.1 Men's footwear	D341	"
		63.2 Women's footwear	D342	"
		63.3 Children's footwear	D343	"
		63.4 Footwear undefined	D349	"
64	Men's outer clothing, eg coats, shirts, suits, cardigans, overalls, shorts, sportswear		D1301	(21)
65	Men's underclothing and hosiery		D1305	"
66	Women's outer clothing, eg coats, dresses, suits, separates, overalls, sportswear		D1311	"
67	Women's underclothing and hosiery		D1315	"
68	Boy's clothing	68.1 Outerwear including shirts	D1321	"
		68.2 Underwear and hosiery	D1322	"
69	Girls' clothing	69.1 Outerwear	D1325	"
		69.2 Underwear and hosiery	D1326	"

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## BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
	Clothing and footwear (bought from large chain stores) (contd)		
70	Infants' clothing	70.1 Outerwear	D1335
		70.2 Underwear and hosiery	D1336
71	Hats, gloves, haberdashery, etc	71.1 Men's and boys' headgear	D1331
		71.2 Women's and girls' headgear, haberdashery, eg gloves, scarves, handkerchiefs, ties, knitting wool, etc	D1332
72	Clothing materials and making-up charges, clothing not fully defined	72.1 Clothing materials	D1330
		72.2 Clothing not fully defined	D1338
73	Footwear	73.1 Men's footwear	D1341
		73.2 Women's footwear	D1342
		73.3 Children's footwear	D1343
		73.4 Footwear undefined	D1349
	Household goods		
74	Furniture		B270
75	Floor coverings	75.1 Soft floor coverings, carpets, mats	B271
		75.2 Hard floor coverings, lino etc	D402
76	Soft furnishings and household textiles	76.1 Household textiles, including making-up charges but not repairs	D405
		76.2 Mattresses, pillows, cushions etc	D407

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BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
	Household goods (continued)		
77	Gas and electric appliances, including repairs	77.1 New and second-hand gas cookers D411	"
		New and second-hand electric appliances:	
		77.2 Cookers D413	"
		77.3 Washing machines, spin dryers D417	"
		77.4 Refrigerators, freezers D419	"
		77.5 Other gas appliances eg fires, refrigerators, water heaters D425	"
		77.6 Other major electrical appliances eg fires, dishwashers, microwave ovens, vacuum cleaners D426	"
		77.7 Electrical tools eg drills, paint strippers, saws D427	"
		77.8 Small electrical equipment eg hair dryers, calculators, shavers D428	"
		Gas and electric appliances:	
		77.9 Spare parts D423	"
		77.10 Repairs to gas and electric appliances D786	"
78	China, glass, cutlery, hardware, ironmongery, non-gas/electric appliances	78.1 China, glassware (not mirrors), pottery etc D431	(22)
		78.2 Electrical consumables eg batteries, light bulbs D437	"
		78.3 Garden tools and accessories eg hoses, shears D438	"
		78.4 Kitchen equipment, tableware and utensils D439	"

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BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
	Household goods (continued)		
		78.5 Other household hardware eg brooms, dustbins, lampshades	D440
		78.6 Appliances other than gas or electric appliances, including non-structural space heaters	D434
79	Stationery and paper goods		D648
80	Toilet paper		D623
81	Matches, soap, cleaning materials etc	81.1 Soap, other than toilet and shaving soap and detergents	D746
		81.2 Matches, polishes and cleaning materials, eg disinfectants, insecticides, starch, dyes	D742
82	Animals and pets	82.1 Food for animals and pets	D731
		82.2 Other expenditure on animals and pets, eg purchases, equipment, veterinary services	D732
	Household services		
83	Insurance of contents of dwelling		B168
84	Postage, telephone, telemessages, cables	84.1 Postage, including parcel post, poundage on postal orders and money orders	D751,D754
		84.2 Telephone account	B166,D227
		84.3 Telephone, other than account - tele-messages, cables	D752

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## BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
	Household services (continued)		
85	Domestic help including window cleaner	85.1 Domestic help 85.2 Child care	D781 D758 to D760 D776 to D779 "
86	Footwear and other repairs not allocated elsewhere	86.1 Repairs to footwear, and materials for such repairs 86.2 Repairs to other goods eg clothing, furniture and repairs not allocated elsewhere	D782 D788 "
87	Laundry, cleaning and dyeing	87.1 Laundry, laundrettes and hire of washing machine 87.2 Cleaning and dyeing	D791 D790 "
88	Subscriptions, fees etc	88.1 Subscriptions to trade unions and professional organisations 88.2 Subscriptions not allocated elsewhere, eg social clubs, Women's institutes 88.3 Bank charges 88.4 Stamp duties, fees and licences, other than driving and television licences, eg birth certificate, marriage licence, passport fee, driving test fee 88.5 Second dwelling rent, time share running costs 88.6 Moving and storage of furniture	D796 D797 B810 D770,D772 D216 B273 (15) " " " "

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BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
	Household services (continued)		
		88.7 Legal fees - moving house	B280 to B283
		88.7.1 Legal fees - buying and selling house	B280
		88.7.2 Legal fees - selling house only	B281
		88.7.3 Legal fees - buying house only	B282
		88.7.4 Legal fees - unsuccessful transaction	B283
		88.8 Legal fees, excluding moving house	D805
		88.9 Private entertainment	D806
		88.10 Funeral expenses	D807
		88.11 Miscellaneous expenditure on services, eg newspaper advertisements, public (not swimming) baths, cloakroom charges, library subscriptions	D799,D800
	Personal goods and services		
89	Leather and travel goods, jewellery, clocks, fancy goods etc	89.1 Leather and travel goods, umbrellas, walking sticks	D642
		89.2 Personal effects eg jewellery, watches, personal silverware	D649
		89.3 Household articles eg clocks, household silverware	D650
		89.4 Smokers' requisites	D645
		89.5 Fancy goods, including mirrors	D646

2 Dec 1993

BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
	Personal goods and services (continued)		
90	Medicines and surgical goods	National Health Service: 90.1 prescription charges and payments for medical appliances D625 90.2 Medicines, lotions, surgical goods, dressings and appliances - not National Health Service D621	" "
91	Toilet requisites, cosmetics etc	91.1 Cosmetics, eg face cream, powder, lipstick D622 91.2 Toilet soap, other than shaving soap D745 91.3 Other toilet requisites, eg shaving soap and brushes, razors, toothpaste and brushes, hairbrushes D624	" " "
92	Hairdressing, beauty treatment, etc	D793	"
93	Medical, dental and nursing fees and spectacles	93.1 National Health Service payments - dentists, amenity hospital bed D773 93.2 Private medical, dental, nursing and optical fees, other than charges for spectacles D775 93.3 Spectacles, including sunglasses D611	" " "

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## BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
	Motoring Expenditure		
94	Net purchases of motor vehicles, spares and accessories	94.1 New cars and vans	B244,D501 (14)
		94.1.1 Outright purchases	B244 "
		94.1.2 Hire purchase etc	D501 "
		94.2 Second-hand cars and vans	B245,D502 "
		94.2.1 Outright purchases	B245 "
		94.2.2 Hire purchase etc	D502 "
		94.3 Car accessories and fittings - durables eg radios, baby seats	D513 "
		94.4 Car spare parts and replacements eg brake fluid, paint	D514 "
		94.5 Motor and motor-assisted cycles and scooters	B247,D503 "
		94.5.1 Outright purchases	B247 "
		94.5.2 Hire purchase etc	D503 "
		94.5.3 Motor and motor-assisted cycle and scooter parts and accessories	D510 "
95	Maintenance and running of motor vehicles	95.1 Repairs and servicing of road motor vehicles	D548 "
		95.2 Petrol	D538 "
		95.3 Diesel oil	D539 "
		95.4 Other motor oils	D542 "
		95.5 Driving lessons	B163 "
		95.6 Driving licences	D512 "
		95.7 Motor vehicle taxation payments less refunds	B187 minus B179 "
		95.8 Motor vehicle insurance	B188 "
		95.9 Garage rent	D545 "
		95.10 AA, RAC etc subscriptions	D546 "
		95.11 Other road motor vehicle costs eg cleaning materials, parking fees, international driving permit	D549 "

BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
	Fares and other travel costs		
96	Purchase and maintenance of other vehicles and boats	96.1 Bicycles, prams, boats, etc new and second-hand 96.2 Accessories, repairs and other costs	D505 (14) D511,D508 "
97	Railway and tube fares	97.1 Rail and tube fares, other than season tickets 97.2 Rail and tube season tickets	D551 " B218 "
98	Bus and coach fares	98.1 Bus and coach fares, other than season tickets 98.2 Bus and coach season tickets	D552 " B217 "
99	Air fares		D553 "
100	Other travel and transport	100.1 Combined rail/tube/bus and other season tickets and tickets 100.2 Travel to state schools 100.3 Taxis and hired cars with drivers 100.4 Contribution towards cost of travel in friend's car etc 100.5 Hire of self-drive cars 100.6 Water travel, excluding season tickets 100.7 Other personal travel eg coach trips 100.8 Transportation eg furniture delivery	B216,B220,D550 " B158 " D555 " D557 " D556 " D554 " D558 " D560 "

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## BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER	
	Leisure Goods			
101	Television, video & audio equipment, including repairs but not rental	101.1 TV sets 101.2 TV games 101.3 Audio equipment 101.4 Compact disc players 101.5 Compact discs 101.6 Video recorders 101.7 Home computers 101.8 Spare parts for television, radio, etc 101.9 Musical instruments 101.10 Accessories for musical instruments, eg records, tapes, cassettes, discs 101.11 Purchase and rental of video cassettes etc 101.12 Repairs and maintenance of television, video and audio equipment, musical instruments including television insurance 101.13 Purchase of telephones and telephone answering machines	D408 D415 D416 D421 D605 D420 D410 D422 D601 D603 D604 D784 D414	(20) " " " " " " " " " " " " " " " " "
102	Sports goods		D641 "	
103	Books, newspapers, magazines and periodicals	103.1 Books (not library subscriptions) including book tokens, programmes, maps, diaries, timetables, catalogues, sheet music 103.2 Newspapers 103.3 Magazines and periodicals	D721 D722 D723	" " "

BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
	Leisure Goods (continued)		
104	Toys and hobbies	104.1 Toys, indoor games, playing cards, fireworks	D631 "
		104.2 Hobbies, eg stamp collecting	D634 "
105	Optical and photographic goods (excluding spectacles and sunglasses)		D632 "
106	Seeds, plants, flowers, horticultural goods	106.1 Seeds, plants, flowers	D733 "
		106.2 Fertilizers	D734 "
	Leisure Services		
107	Cinema admissions		D761 (20)
108	Theatres, sports events and other entertainments, excluding betting	108.1 Theatres, concerts, circuses, amateur shows etc	D763 "
		108.2 Participant sports, subscriptions and ad-hoc admission charges	D764 "
		108.3 Spectator sports - admission charges eg football matches, horse, dog, speedway racing etc	D765 "
		108.4 Admission to dance and miscellaneous entertainment eg admissions to stately home, shows, whist drives, etc	D753 "

2 Dec 1993

BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER	
	Leisure Services (continued)			
109	Television and video rental, television licences	109.1 Television licences 109.2 Television rental, slot meter payments 109.3 Rent for TV set/Cable/Satellite/VCR weekly amount	B181,D229 D768 B194	" " "
110	Educational and training expenses	110.1 Education fees - school 110.2 Other educational fees eg private tuition excluding driving	B160 B164,B162	(16) "
111	Hotel and holiday expenses	111.1 Hotel, boarding house charges 111.2 Package holidays in the United Kingdom 111.3 Package holidays abroad 111.4 Self-catering holidays 111.5 Money spent abroad eg duty free goods, excluding international driving permit 111.6 Money paid to friend/relative for holiday	B482,B483 B480 B481 B484,B485 D755,D756 D757	(20) " " " " "
112	Donations etc	112.1 Cash gifts and tips (not loans) not allocated elsewhere - (excluding money sent abroad) 112.2 Charitable donations and subscriptions (excluding money sent abroad) 112.3 Money sent abroad	D802,B265 D798 B334	" " (54)

2 Dec 1993



BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
113	Miscellaneous	113.1 Pocket money to children under 16	D801 (24)
		113.2 Money other than pocket money (eg from spare-time jobs) spent by children under 16	B397 (53)
		113.3 Miscellaneous expenditure on goods not assignable elsewhere	D750 (24)
		113.4 Interest on credit cards	D789 "
		113.5 Annual standing charge on credit, shop or store card	B238 "
	Other payments recorded		
114	Income tax payments less refunds	114.1 income tax paid by employees under PAYE	P390 (7)
		114.2 income tax paid direct, eg by retired or unoccupied persons	B387
		114.3 income tax deducted at source from income under covenant from investments or from annuities and pensions	P068 (46)
		114.4 income tax on bonus earnings	P073 (44)
		114.5 income tax refunds under PAYE	P391 (7)
		114.6 income tax refunds other than PAYE	B390 (46)
		114.7 income tax paid direct by self-employed	B391 (44)
115	National insurance contributions	115.1 National insurance contributions paid by employees	P388 (7)
		115.2 National insurance contributions paid by non-employees	P029 (54)

2 Dec 1993

## BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER
	Other payments recorded (continued)		
116	Purchase or alteration of dwellings, including mortgage payments	116.1 Outright purchase of houses, flats, etc including deposits 116.2 Interest element of instalment on loan or mortgage where interest and capital repayment are involved: 116.2.1 building society 116.2.2 local authority 116.3.3 bank 116.2.4 insurance company 116.2.5 other source 116.3 Structural alterations and additions to dwelling, including structural space heating systems 116.4 Caravan purchase, including deposits	D221 (12)  B200-B150 (12) B200-B150 where A119=1 B200-B150 where A119=2 B200-B150 where A119=3 B200-B150 where A119=4 B200-B150 where A119=5 B101,B103,B105 B106,D215,D218, D231 (12:B101,B103,24) D222 (24)
117	Life assurance, contributions to pension funds	117.1 Life assurance premiums, eg industrial policies, mortgage endowment policies 117.2 Contributions to pension and superannuation funds deducted by employers 117.3 Personal pensions	B196 to B199 (24:B198, B199 12)  P071 (44) B228 (24)
118	Sickness and accident insurance, subscriptions to sick clubs, friendly societies	118.1 Medical insurance premiums, eg BUPA 118.2 Mortgage protection premiums 118.3 Other insurance premiums	B229 " B208,B213 (12) P087 (24)

## BLOCK W (contd)

Ref No.	MAIN ITEM	COMPONENTS	RECORD NUMBER	
	Other payments recorded (continued)			
119	Savings and investments, eg purchase of savings certificates and bonds, premium bonds, stocks and shares, unit trusts etc, deposits in savings bonds, building societies etc, SAYE deposits, contributions to Christmas, savings and holiday clubs	D803	(24)	
120	Betting, payments less winnings	Betting payments: 120.1 football pools 120.2 other betting, eg bookmakers, totalisator, bingo, raffle tickets etc Betting winnings: 120.3 football pools 120.4 other betting, eg bookmakers totalisator, bingo, raffle tickets etc	D811 D810,D812 to D814 D821 D822 to D824	(24) " " "
121	Repayment of loans to clear debts	D787	(15)	

3980E XEROX RUN 35601

SN:3242

ISB INFORMATION SYSTEMS BRANCH

VARIABLE RELATIONS LISTS

FES PROGRAMMERS  
ROOM 118  
RUNCORN

VIA JOB CONTROL BOXES

FILENAME = : FS3DEV.D093GRP/DD93DATA.FS93ALLVARUSES(2.\*.1)  
REQUESTED BY JOB : FS3DEV.RETKJAMESRM118  
FOR ACCOUNT : FS3DEV.FS3DEV

MEDIA = A4WL  
REQUESTED AT 1994/09/16 13:35:43  
JOB 0011 FROM TY0774

FAMILY EXPENDITURE SURVEY 1993

INPUT SYSTEM

The following report lists all variables which are used by a specific variable. Variables used are listed together with their Data Reference, in brackets. Where a variable is marked '\*' the weekly equivalent value is used. This is held in a field 'WKLYxxxx' where 'xxxx' is the last four digits of the Data Reference.

This report is formed by processing records type 5, 6, 8 & 11 on the Data Dictionary and therefore show relationships in credibility checking, calculations, (imputations and abatements - when automated), auto-corrections, pre-distribution, and derivation.

This print is in Data Reference order.

To use this print:

- 1) Obtain Data Reference of variables to be traced.  
- see Appendix A1 or Appendix B (summary 2)  
these are in variable name order.
- 2) Look up Data Reference in the following print.
- 3) Read off variables listed from column 4.
- 4) Repeat steps 1 to 3 for each variable listed which is not itself a 'RAW' variable (i.e. obtained directly from a field on the FES Budgets).

N.B. PAGE HEADINGS WILL SHOW WHAT TYPE OF ASSOCIATION  
THE REPORT CONTAINS ie CALCULATIONS etc.

SEP 16, 1994

F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B1	P001	P001	043 P003 (B1P003) B304 (B4411A) B303 (B4873) PAYAMT (00409)
B1	P002	P002	043 P001 (B1P001) P004 (B1P004) A250 (B4712)
B1	P003	P003	043 P001 (B1P001) P006 (B1P006) B305 (B4412) B306 (B4414) B318 (B4415B) DEDUFAMT (00415D) DEDSCAMT (00415H) DEDONEAM (00416B) DEDTWOAM (00416E) DEDTHRAM (00416H) DEDFORAM (00416J) DCHTFSAM (00438B) DCHOCSAM (00438E)
B1	P004	P004	043 P003 (B1P003) A250 (B4712)
B1	P005	P005	043 P003 (B1P003) P008 (B1P008) A209 (B4391) A208 (B4707)
B1	P006	P006	043 P001 (B1P001) P007 (B1P007) A220 (B4419) B320 (B4430H) B321 (B4433) B329 (B4719) B330 (B4722)
B1	P007	P007	043 P006 (B1P006) B305 (B4412) B306 (B4414) B318 (B4415B) B320 (B4430H) B321 (B4433) B312 (B4721) B330 (B4722) DEDUFAMT (00415D) DEDSCAMT (00415H) DEDONEAM (00416B) DEDTWOAM (00416E) DEDTHRAM (00416H) DEDFORAM (00416J) DCHTFSAM (00438B) DCHOCSAM (00438E)
B1	P008	P008	043 P007 (B1P007) A209 (B4391) A208 (B4707)
B1	P009	P009	047 B369 (B4511) A259 (B4513)
B1	P010	P010	050 B382 (B4519) A273 (B4521)
B1	P011	P011	045 B309 (B4454) B310 (B4456A) B311 (B4457A) A211 (DE211) SUBONEAM (00458A) SUBTWOAM (00458C)
B1	P012	P012	045 P014 (B1P014) B309 (B4454) A255 (B4726)
B1	P013	P013	051 B368 (B4531) A257 (B4533)
B1	P014	P014	045 B309 (B4454) B310 (B4456A) B311 (B4457A) A255 (B4726) SUBONEAM (00458A) SUBTWOAM (00458C)

SEP 16, 1994

F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B1	P015	045	B319 (B4319S) B309 (B4454) B310 (B4456A) B311 (B4457A) A212 (B4710) SUBONEAM (00458A) SUBTWOAM (00458C)
B1	P016	047	B325 (B4493B)
B1	P017	041	A004 (B4009) A005 (B4010) A006 (B4011)
B1	P019	041	P017 (B1P017) A004 (B4009)
B1	P020	041	A200 (B4385D) B326 (B4731) OCCUP91 (00403) SEHOURS (00476)
B1	P022	048	B362 (B4527) A223 (B4529)
B1	P023	049	B363 (B4506) A225 (B4508)
B1	P025	051	B365 (B4535) A229 (B4537)
B1	P028	051	P009 (B1P009) P022 (B1P022) P023 (B1P023) P025 (B1P025) A209 (B4391) A208 (B4707) A250 (B4712)
B1	P029	054	B336 (B4483) B386 (B4611)
B1	P030	051	P008 (B1P008) P009 (B1P009) P010 (B1P010) P022 (B1P022) P023 (B1P023) P025 (B1P025) P028 (B1P028) B341 (B4539) A240 (B4541) B366 (B4555) A231 (B4557)
B1	P031	051	P008 (B1P008) P009 (B1P009) P010 (B1P010) P013 (B1P013) P016 (B1P016) P022 (B1P022) P023 (B1P023) P025 (B1P025) P028 (B1P028) B337 (B4485) B338 (B4488) B339 (B4490) B340 (B4492) B418 (B4495B) B343 (B4496) B404 (B4497A) B403 (B4497D) B405 (B4497G) B421 (B4499) B341 (B4539) A240 (B4541) B406 (B4542) B367 (B4547) A233 (B4549) B394 (B4550)
B1	P033	047	B338 (B4488) B339 (B4490)

SEP 16, 1994

F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B1	P034	051	P016 (B1P016) B337 (B4485) B340 (B4492)
			B418 (B4495B) B343 (B4495) B403 (B4497D)
			B405 (B4497G) B421 (B4499) B394 (B4550)
B1	P035	041	A004 (B4009) A005 (B4010) A200 (B4385D)
B1	P036	041	P020 (B1P020) A004 (B4009) A005 (B4010)
			A200 (B4385D)
B1	P037	045	A200 (B4385D) B328 (B4477) A214 (B4711)
			B326 (B4731) WORKSTAT (00405)
B1	P047	043	P037 (B1P037) A200 (B4385D) B328 (B4477)
			B326 (B4731)
B1	P048	046	B373 (B4574C) B333 (B4574G) B398 (B4574K)
			B399 (B4577B) B400 (B4577E) B401 (B4577H)
			B402 (B4577K) B374 (B4577N) B360 (B4582)
			B384 (B4582B) B378 (B4767) B409 (B4856)
B1	P049	047	B349 (B4565D) B347 (B4566D) B348 (B4756)
			B346 (B4758)
B1	P050	046	P005 (B1P005) B364 (B4342D) B359 (B4359A)
			B316 (B4434C) B366 (B4555) A231 (B4557)
			B383 (B4601) A275 (B4602) B396 (B4619)
			B352 (B4768) B385 (B4769) B381 (B4832)
B1	P051	043	P008 (B1P008) P011 (B1P011) P031 (B1P031)
			P037 (B1P037) P047 (B1P047) P048 (B1P048)
			P049 (B1P049) P050 (B1P050)
B1	P052	048	A004 (B4009) A200 (B4385D) OCCUP91 (00403)
B1	P053	043	P004 (B1P004) P014 (B1P014) P030 (B1P030)
			P031 (B1P031) P037 (B1P037) P047 (B1P047)
			P048 (B1P048) P049 (B1P049) P050 (B1P050)
			A279 (B4503) B388 (B4830)
B1	P054	041	A212 (B4710) A214 (B4711)



SEP 16, 1994

F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B1	P060	047	P008 (B1P008) P016 (B1P016) P025 (B1P025) A004 (B4009) A005 (B4010) B340 (B4492) B418 (B4495B) B394 (B4550)
B1	P061	047	P016 (B1P016) P028 (B1P028) A004 (B4009) A005 (B4010) B338 (B4488) B339 (B4490) B340 (B4492) B418 (B4495B) B421 (B4499) B394 (B4550)
B1	P062	047	P008 (B1P008) P009 (B1P009) P022 (B1P022) P023 (B1P023) P025 (B1P025) A004 (B4009) A005 (B4010)
B1	P063	044	P008 (B1P008) B306 (B4414) B311 (B4457A) A211 (DE211)
B1	P065	044	P008 (B1P008) B305 (B4412) B310 (B4456A) A211 (DE211)
B1	P066	044	A209 (B4391) B304 (B4411A) A208 (B4707)
B1	P067	044	P065 (B1P065) P066 (B1P066) B391 (B4476B) B349 (B4565D) B347 (B4566D) B400 (B4577E) B402 (B4577K) B374 (B4577N) B387 (B4607) B390 (B4608) B312 (B4721) B330 (B4722) B378 (B4767) B409 (B4856)
B1	P068	046	B349 (B4565D) B347 (B4566D) B400 (B4577E) B402 (B4577K) B374 (B4577N) B387 (B4607) B378 (B4767) B409 (B4856)
B1	P071	044	B319 (B4319S) B318 (B4415B) A250 (B4712) A255 (B4726)
B1	P072	041	P017 (B1P017) A005 (B4010)
B1	P073	044	B320 (B4430H) B312 (B4721) B330 (B4722)
B1	P075	044	B306 (B4414) B311 (B4457A) A250 (B4712) A255 (B4726)
B1	P077	044	B305 (B4412) B310 (B4456A) A250 (B4712) A255 (B4726)

SEP 16, 1994

F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B1	P078	P078	044 B304 (B4411A) A250 (B4712)
B1	P079	P079	044 P073 (B1P073) P077 (B1P077) P078 (B1P078)
			B391 (B4476B) B349 (B4565D) B347 (B4566D)
			B400 (B4577E) B402 (B4577K) B374 (B4577N)
			B387 (B4607) B390 (B4608) B378 (B4767)
			B409 (B4856)
B1	P080	P080	046 B399 (B4577B) B400 (B4577E)
B1	P081	P081	046 B373 (B4574C) B333 (B4574G) B398 (B4574K)
			B401 (B4577H) B402 (B4577K) B374 (B4577N)
B1	P082	P082	046 B409 (B4856)
B1	P083	P083	046 B378 (B4767)
B1	P084	P084	051 B341 (B4539) A240 (B4541)
B1	P085	P085	051 B367 (B4547) A233 (B4549)
B1	P086	P086	051 P005 (B1P005) B366 (B4555) A231 (B4557)
B1	P087	P087	024 D795 (B30795) B206 (B4650)
B1	P102	P102	054 D232 (B30232) D233 (B30233) D235 (B30235)
			D236 (B30236) D237 (B30237) D238 (B30238)
B1	P103	P103	054 D225 (B30225) D226 (B30226) D240 (B30240)
			D242 (B30242) D254 (B30254) D255 (B30255)
			D258 (B30258)
B1	P104	P104	054 D101 (B30101) D102 (B30102) D103 (B30103)
			D106 (B30106) D108 (B30108) D111 (B30111)
			D112 (B30112) D113 (B30113) D114 (B30114)
			D116 (B30116) D121 (B30121) D122 (B30122)
			D123 (B30123) D127 (B30127) D134 (B30134)
			D138 (B30138) D140 (B30140) D141 (B30141)
			D142 (B30142) D143 (B30143) D146 (B30146)
			D147 (B30147) D148 (B30148) D149 (B30149)
			D152 (B30152) D153 (B30153) D155 (B30155)
			D156 (B30156) D158 (B30158) D160 (B30160)

SEP 16, 1994

F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF		VARIABLE	REC.	USES:					
				D162	(B30162)	D164	(B30164)	D171	(B30171)
				D172	(B30172)	D173	(B30173)	D181	(B30181)
				D182	(B30182)	D183	(B30183)	D184	(B30184)
				D185	(B30185)	D190	(B30190)	D193	(B30193)
				D196	(B30196)	D197	(B30197)	D199	(B30199)
				D840	(B30840)	D841	(B30841)	D842	(B30842)
				D843	(B30843)	D844	(B30844)	D845	(B30845)
				D846	(B30846)	D847	(B30847)	D848	(B30848)
				D849	(B30849)	D850	(B30850)	D851	(B30851)
				D852	(B30852)	D853	(B30853)	D854	(B30854)
B1	P104	P104	054	D855	(B30855)	D856	(B30856)	D857	(B30857)
B1	P105	P105	054	D260	(B30260)	D261	(B30261)	D263	(B30263)
				D264	(B30264)	D265	(B30265)	D266	(B30266)
				D269	(B30269)	D270	(B30270)	D271	(B30271)
				D273	(B30273)	D274	(B30274)	D275	(B30275)
				D276	(B30276)	D279	(B30279)	D280	(B30280)
				D281	(B30281)	D283	(B30283)	D284	(B30284)
				D285	(B30285)	D286	(B30286)	D289	(B30289)
B1	P106	P106	054	D211	(B30211)	D212	(B30212)	D213	(B30213)
B1	P107	P107	054	D301	(B30301)	D305	(B30305)	D311	(B30311)
				D315	(B30315)	D321	(B30321)	D322	(B30322)
				D325	(B30325)	D326	(B30326)	D330	(B30330)
				D331	(B30331)	D332	(B30332)	D335	(B30335)
				D336	(B30336)	D337	(B30337)	D338	(B30338)
				D341	(B30341)	D342	(B30342)	D343	(B30343)
				D349	(B30349)	D1301	(B31301)	D1305	(B31305)
				D1311	(B31311)	D1315	(B31315)	D1321	(B31321)
				D1322	(B31322)	D1325	(B31325)	D1326	(B31326)
				D1330	(B31330)	D1331	(B31331)	D1332	(B31332)
				D1335	(B31335)	D1336	(B31336)	D1338	(B31338)
				D1341	(B31341)	D1342	(B31342)	D1343	(B31343)
				D1349	(B31349)				

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B1	P108	054	LITEMPUR (00277) LCASHP (00279) HPITEMA (00288)
			HPCASHPR (00290) CLUBSCOS (00300G) CLUBIPUT (00300H)
B1	P109	054	LITEMPUR (00277) LCASHP (00279) HPITEMA (00288)
			HPCASHPR (00290) CLUBSCOS (00300G) CLUBIPUT (00300H)
B1	P110	054	LITEMPUR (00277) LCASHP (00279) HPITEMA (00288)
			HPCASHPR (00290) CLUBSCOS (00300G) CLUBIPUT (00300H)
B1	P112	054	D750 (B30750) D801 (B30801)
B1	P114	054	D215 (B30215) B218 (B30218) D221 (B30221)
			D222 (B30222) D231 (B30231) D787 (B30787)
			D803 (B30803) D811 (B30811) D812 (B30812)
			D813 (B30813) D814 (B30814)
B1	P115	054	D215 (B30215) D216 (B30216) D225 (B30225)
			D226 (B30226) D227 (B30227) D229 (B30229)
B1	P116	054	D232 (B30232) D233 (B30233) D235 (B30235)
			D236 (B30236) D237 (B30237) D238 (B30238)
B1	P117	054	D225 (B30225) D226 (B30226) D240 (B30240)
			D242 (B30242) D254 (B30254) D255 (B30255)
			D258 (B30258)
B1	P118	054	D101 (B30101) D102 (B30102) D103 (B30103)
			D106 (B30106) D108 (B30108) D111 (B30111)
			D112 (B30112) D113 (B30113) D114 (B30114)
			D116 (B30116) D121 (B30121) D122 (B30122)
			D123 (B30123) D127 (B30127) D134 (B30134)
			D138 (B30138) D140 (B30140) D141 (B30141)
			D142 (B30142) D143 (B30143) D146 (B30146)
			D147 (B30147) D148 (B30148) D149 (B30149)
			D152 (B30152) D153 (B30153) D155 (B30155)
			D156 (B30156) D158 (B30158) D160 (B30160)
			D162 (B30162) D164 (B30164) D171 (B30171)
			D172 (B30172) D173 (B30173) D181 (B30181)
			D182 (B30182) D183 (B30183) D184 (B30184)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
			D185 (B30185) D190 (B30190) D193 (B30193)
			D196 (B30196) D197 (B30197) D199 (B30199)
			D840 (B30840) D841 (B30841) D842 (B30842)
			D843 (B30843) D844 (B30844) D845 (B30845)
			D846 (B30846) D847 (B30847) D848 (B30848)
			D849 (B30849) D850 (B30850) D851 (B30851)
			D852 (B30852) D853 (B30853) D854 (B30854)
			D855 (B30855) D856 (B30856) D857 (B30857)
B1 P119	P119	054	D260 (B30260) D261 (B30261) D263 (B30263)
			D264 (B30264) D265 (B30265) D266 (B30266)
			D269 (B30269) D270 (B30270) D271 (B30271)
			D273 (B30273) D274 (B30274) D275 (B30275)
			D276 (B30276) D279 (B30279) D280 (B30280)
			D281 (B30281) D283 (B30283) D284 (B30284)
			D285 (B30285) D286 (B30286) D289 (B30289)
B1 P120	P120	054	D211 (B30211) D212 (B30212) D213 (B30213)
B1 P121	P121	054	D301 (B30301) D305 (B30305) D311 (B30311)
			D315 (B30315) D321 (B30321) D322 (B30322)
			D325 (B30325) D326 (B30326) D330 (B30330)
			D331 (B30331) D332 (B30332) D335 (B30335)
			D336 (B30336) D337 (B30337) D338 (B30338)
			D341 (B30341) D342 (B30342) D343 (B30343)
			D349 (B30349) D1301 (B31301) D1305 (B31305)
			D1311 (B31311) D1315 (B31315) D1321 (B31321)
			D1322 (B31322) D1325 (B31325) D1326 (B31326)
			D1330 (B31330) D1331 (B31331) D1332 (B31332)
			D1335 (B31335) D1336 (B31336) D1338 (B31338)
			D1341 (B31341) D1342 (B31342) D1343 (B31343)
			D1349 (B31349)
B1 P126	P126	054	D750 (B30750) D789 (B30789) D801 (B30801)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
B1	P126	P126	054	D215	(B30215)	D218	(B30218)	D221	(B30221)
				D222	(B30222)	D231	(B30231)		
B1	P128	P128	054	P029	(B1P029)	P071	(B1P071)	P075	(B1P075)
				P079	(B1P079)	D215	(B30215)	D218	(B30218)
				D221	(B30221)	D222	(B30222)	D231	(B30231)
				D787	(B30787)	D803	(B30803)	D810	(B30810)
				D811	(B30811)	D812	(B30812)	D813	(B30813)
				D814	(B30814)	D821	(B30821)	D822	(B30822)
				D823	(B30823)	D824	(B30824)		
B1	P129	P129	054	D215	(B30215)	D216	(B30216)	D225	(B30225)
				D226	(B30226)	D227	(B30227)	D229	(B30229)
B1	P130	P130	054	D402	(B30402)	D405	(B30405)	D407	(B30407)
				D411	(B30411)	D413	(B30413)	D417	(B30417)
				D419	(B30419)	D423	(B30423)	D425	(B30425)
				D426	(B30426)	D427	(B30427)	D428	(B30428)
				D431	(B30431)	D434	(B30434)	D437	(B30437)
				D438	(B30438)	D439	(B30439)	D440	(B30440)
				D623	(B30623)	D648	(B30648)	D731	(B30731)
				D732	(B30732)	D742	(B30742)	D746	(B30746)
				D786	(B30786)				
B1	P131	P131	054	D216	(B30216)	D227	(B30227)	D751	(B30751)
				D752	(B30752)	D754	(B30754)	D758	(B30758)
				D759	(B30759)	D760	(B30760)	D770	(B30770)
				D772	(B30772)	D776	(B30776)	D777	(B30777)
				D778	(B30778)	D779	(B30779)	D781	(B30781)
				D782	(B30782)	D788	(B30788)	D790	(B30790)
				D791	(B30791)	D796	(B30796)	D797	(B30797)
				D799	(B30799)	D800	(B30800)	D805	(B30805)
				D806	(B30806)	D807	(B30807)		

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F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
B1	P132	P132	054	D611	(B30611)	D621	(B30621)	D622	(B30622)
				D624	(B30624)	D625	(B30625)	D642	(B30642)
				D645	(B30645)	D646	(B30646)	D649	(B30649)
				D650	(B30650)	D745	(B30745)	D773	(B30773)
				D775	(B30775)	D793	(B30793)		
B1	P133	P133	054	D501	(B30501)	D502	(B30502)	D503	(B30503)
				D510	(B30510)	D512	(B30512)	D513	(B30513)
				D514	(B30514)	D538	(B30538)	D539	(B30539)
				D542	(B30542)	D545	(B30545)	D546	(B30546)
				D548	(B30548)	D549	(B30549)		
B1	P134	P134	054	D505	(B30505)	D508	(B30508)	D511	(B30511)
				D550	(B30550)	D551	(B30551)	D552	(B30552)
				D553	(B30553)	D554	(B30554)	D555	(B30555)
				D556	(B30556)	D557	(B30557)	D558	(B30558)
				D560	(B30560)				
B1	P135	P135	054	D408	(B30408)	D410	(B30410)	D414	(B30414)
				D415	(B30415)	D416	(B30416)	D420	(B30420)
				D421	(B30421)	D422	(B30422)	D601	(B30601)
				D603	(B30603)	D604	(B30604)	D605	(B30605)
				D631	(B30631)	D632	(B30632)	D634	(B30634)
				D641	(B30641)	D721	(B30721)	D722	(B30722)
				D723	(B30723)	D733	(B30733)	D734	(B30734)
				D784	(B30784)				
				D229	(B30229)	D753	(B30753)	D755	(B30755)
D756	(B30756)	D757	(B30757)	D761	(B30761)				
D763	(B30763)	D764	(B30764)	D765	(B30765)				
D768	(B30768)	D798	(B30798)	D802	(B30802)				
B334	(B4775)								

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
B1	P145	P145	054	D402	(B30402)	D405	(B30405)	D407	(B30407)
				D411	(B30411)	D413	(B30413)	D417	(B30417)
				D419	(B30419)	D423	(B30423)	D425	(B30425)
				D426	(B30426)	D427	(B30427)	D428	(B30428)
				D431	(B30431)	D434	(B30434)	D437	(B30437)
				D438	(B30438)	D439	(B30439)	D440	(B30440)
				D623	(B30623)	D648	(B30648)	D731	(B30731)
				D732	(B30732)	D742	(B30742)	D746	(B30746)
				D786	(B30786)				
				D216	(B30216)	D227	(B30227)	D751	(B30751)
B1	P146	P146	054	D752	(B30752)	D770	(B30770)	D772	(B30772)
				D782	(B30782)	D788	(B30788)	D790	(B30790)
				D791	(B30791)	D796	(B30796)	D797	(B30797)
				D799	(B30799)	D805	(B30805)	D806	(B30806)
				D807	(B30807)				
				D611	(B30611)	D621	(B30621)	D622	(B30622)
				D624	(B30624)	D625	(B30625)	D642	(B30642)
B1	P147	P147	054	D645	(B30645)	D646	(B30646)	D649	(B30649)
				D650	(B30650)	D745	(B30745)	D773	(B30773)
				D775	(B30775)	D793	(B30793)		
				D501	(B30501)	D502	(B30502)	D503	(B30503)
				D510	(B30510)	D512	(B30512)	D513	(B30513)
B1	P148	P148	054	D514	(B30514)	D538	(B30538)	D539	(B30539)
				D542	(B30542)	D545	(B30545)	D546	(B30546)
				D548	(B30548)	D549	(B30549)		
				D505	(B30505)	D508	(B30508)	D511	(B30511)
B1	P149	P149	054	D550	(B30550)	D551	(B30551)	D552	(B30552)
				D553	(B30553)	D554	(B30554)	D555	(B30555)
				D556	(B30556)	D557	(B30557)	D558	(B30558)



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F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B1	P150	P150	054 D408 (B30408) D410 (B30410) D414 (B30414)
			D415 (B30415) D416 (B30416) D420 (B30420)
			D421 (B30421) D422 (B30422) D601 (B30601)
			D603 (B30603) D604 (B30604) D605 (B30605)
			D631 (B30631) D632 (B30632) D634 (B30634)
			D641 (B30641) D721 (B30721) D722 (B30722)
			D723 (B30723) D733 (B30733) D734 (B30734)
			D784 (B30784)
B1	P151	P151	054 D229 (B30229) D753 (B30753) D755 (B30755)
			D757 (B30757) D761 (B30761) D763 (B30763)
			D764 (B30764) D765 (B30765) D768 (B30768)
			D798 (B30798) D802 (B30802)
B1	P152	P152	054 P102 (B1P102) P103 (B1P103) P104 (B1P104)
			P105 (B1P105) P106 (B1P106) P107 (B1P107)
			P112 (B1P112) P145 (B1P145) P146 (B1P146)
			P147 (B1P147) P148 (B1P148) P149 (B1P149)
			P150 (B1P150) P151 (B1P151)
B1	P153	P153	054 P116 (B1P116) P117 (B1P117) P118 (B1P118)
			P119 (B1P119) P120 (B1P120) P121 (B1P121)
			P126 (B1P126) P130 (B1P130) P131 (B1P131)
			P132 (B1P132) P133 (B1P133) P134 (B1P134)
			P135 (B1P135) P136 (B1P136)
B1	P154	P154	041 A285 (B4846)
B1	P169	P169	046 B383 (B4601) A275 (B4602)
B1	P173	P173	049 A279 (B4503) B388 (B4830)
B1	P175	P175	051 P009 (B1P009) P010 (B1P010) P022 (B1P022)
			P023 (B1P023) P025 (B1P025) P173 (B1P173)
			A200 (B4385D) A209 (B4391) B341 (B4539)
			A240 (B4541) A208 (B4707)
B1	P177	P177	043 P029 (B1P029) P051 (B1P051) P063 (B1P063)
			P067 (B1P067)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B1	P180	P180	044 D764 (B30764) A250 (B4712) A255 (B4726) DEDSCAMT (00415H)
B1	P182	P182	044 D796 (B30796) A250 (B4712) A255 (B4726) DEDUFAMT (00415D)
B1	P183	P183	044 D797 (B30797) A250 (B4712) A255 (B4726) DEDONEAM (00416B) DEDONETY (00416C) DEDTWOAM (00416E) DEDTWOTY (00416F) DEDTHRAM (00416H) DEDTHRTY (00416I) DEDFORAM (00416J) DEDFORTY (00416K) SUBONEAM (00458A) SUBONETY (00458B) SUBTWOAM (00458C) SUBTWOTY (00458D)
B1	P184	P184	044 D798 (B30798) A250 (B4712) A255 (B4726) DCHTFAMT (00438B) DCHOCAMT (00438E)
B1	P185	P185	044 D799 (B30799) A250 (B4712) A255 (B4726) DEDONEAM (00416B) DEDONETY (00416C) DEDTWOAM (00416E) DEDTWOTY (00416F) DEDTHRAM (00416H) DEDTHRTY (00416I) DEDFORAM (00416J) DEDFORTY (00416K) SUBONEAM (00458A) SUBONETY (00458B) SUBTWOAM (00458C) SUBTWOTY (00458D)
B1	P186	P186	044 D802 (B30802) A250 (B4712) A255 (B4726) DEDONEAM (00416B) DEDONETY (00416C) DEDTWOAM (00416E) DEDTWOTY (00416F) DEDTHRAM (00416H) DEDTHRTY (00416I) DEDFORAM (00416J) DEDFORTY (00416K) SUBONEAM (00458A) SUBONETY (00458B) SUBTWOAM (00458C) SUBTWOTY (00458D)
B1	P187	P187	044 A250 (B4712) A255 (B4726) DEDONEAM (00416B) DEDONETY (00416C) DEDTWOAM (00416E) DEDTWOTY (00416F) DEDTHRAM (00416H) DEDTHRTY (00416I) DEDFORAM (00416J) DEDFORTY (00416K) SUBONEAM (00458A) SUBONETY (00458B) SUBTWOAM (00458C) SUBTWOTY (00458D)
B1	P188	P188	043 P004 (B1P004) P007 (B1P007)
B1	P190	P190	041 A006 (B4011) A009 (B4015)
B1	P199	P199	043 P007 (B1P007) P015 (B1P015)
B1	P200	P200	001 A111 (B4623) A112 (B4624)

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F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B1	P203	P203	005 P025 (B1P025) BENUNIT (B4014) A009 (B4015)
B1	P204	P204	012 P203 (B1P203) B047 (B4096) B230 (B4627)
B1	P205	P205	012 B040 (B4631C) B047 (B4096) B040 (B4631C)
B1	P206	P206	012 B028 (B4028) B039 (B4142A) B034 (B4142E)
			B035 (B4940) B037 (B4942) CT25D50D (00141E)
B1	P207	P207	012 B055 (B4943) B057 (B4945)
B1	P211	P211	012 B080 (B4376) B070 (B4827)
B1	P220	P220	012 P205 (B1P205) P206 (B1P206) P207 (B1P207)
			B230 (B4627)
B1	P221	P221	012 P205 (B1P205) P211 (B1P211)
B1	P249	P249	013 D254 (B30254) B173 (B4188)
B1	P250	P250	013 D255 (B30255) B178 (B4198)
B1	P257	P257	012 A121 (B4061) B230 (B4627) B010 (B4629)
			B020 (B4632)
B1	P261	P261	001 P154 (B1P154)
B1	P262	P262	001 P261 (B1P261) A149 (B4788)
B1	P281	P281	012 B053 (B4088B) B038 (B4141) B010 (B4629)
			B020 (B4632) B030 (B4633) B050 (B4634)
			B060 (B4639) B130 (B4640) B150 (B4643)
			B110 (B4644) B037 (B4942) B057 (B4945)
B1	P300	P300	003 P008 (B1P008)
B1	P301	P301	008 P008 (B1P008)
B1	P302	P302	010 P008 (B1P008) A002 (B4007) A004 (B4009)
B1	P303	P303	011 P300 (B1P300) P301 (B1P301) P302 (B1P302)
B1	P304	P304	008 A200 (B4385D)
B1	P305	P305	010 A002 (B4007) A004 (B4009) A200 (B4385D)
B1	P308	P308	003 P014 (B1P014)
B1	P309	P309	008 P014 (B1P014)
B1	P310	P310	010 P014 (B1P014) A002 (B4007) A004 (B4009)
B1	P311	P311	011 P308 (B1P308) P309 (B1P309) P310 (B1P310)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B1	P312	P312	003 P011 (B1P011)
B1	P313	P313	008 P011 (B1P011)
B1	P314	P314	010 P011 (B1P011) A002 (B4007) A004 (B4009)
B1	P315	P315	011 P312 (B1P312) P313 (B1P313) P314 (B1P314)
B1	P316	P316	003 B327 (B4780)
B1	P317	P317	008 B327 (B4780)
B1	P318	P318	010 A002 (B4007) A004 (B4009) B327 (B4780)
B1	P319	P319	011 P316 (B1P316) P317 (B1P317) P318 (B1P318)
B1	P320	P320	003 P037 (B1P037) P047 (B1P047)
B1	P321	P321	008 P037 (B1P037) P047 (B1P047)
B1	P322	P322	010 P037 (B1P037) P047 (B1P047) A002 (B4007)
B1	P323	P323	011 P320 (B1P320) P321 (B1P321) P322 (B1P322)
B1	P324	P324	003 P048 (B1P048)
B1	P325	P325	008 P048 (B1P048)
B1	P326	P326	010 P048 (B1P048) A002 (B4007) A004 (B4009)
B1	P327	P327	011 P324 (B1P324) P325 (B1P325) P326 (B1P326)
B1	P328	P328	005 P049 (B1P049)
B1	P329	P329	008 P049 (B1P049)
B1	P330	P330	010 P049 (B1P049) A002 (B4007) A004 (B4009)
B1	P331	P331	011 P328 (B1P328) P329 (B1P329) P330 (B1P330)
B1	P332	P332	005 P033 (B1P033)
B1	P333	P333	008 P033 (B1P033)
B1	P334	P334	010 P033 (B1P033) A002 (B4007) A004 (B4009)
B1	P335	P335	011 P332 (B1P332) P333 (B1P333) P334 (B1P334)
B1	P336	P336	005 P031 (B1P031) P033 (B1P033)
B1	P337	P337	008 P031 (B1P031) P033 (B1P033)
B1	P338	P338	010 P031 (B1P031) P033 (B1P033) A002 (B4007)
B1	P339	P339	011 P336 (B1P336) P337 (B1P337) P338 (B1P338)
B1	P340	P340	003 P050 (B1P050)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B1	P341	P341	008 P050 (B1P050)
B1	P342	P342	010 P050 (B1P050) A002 (B4007) A004 (B4009)
B1	P343	P343	011 P340 (B1P340) P341 (B1P341) P342 (B1P342)
B1	P344	P344	003 P051 (B1P051)
B1	P345	P345	008 P051 (B1P051)
B1	P346	P346	010 P051 (B1P051) A002 (B4007) A004 (B4009)
B1	P347	P347	011 P344 (B1P344) P345 (B1P345) P346 (B1P346)
B1	P348	P348	005 P332 (B1P332) P336 (B1P336)
B1	P349	P349	008 P333 (B1P333) P337 (B1P337)
B1	P350	P350	010 P334 (B1P334) P338 (B1P338)
B1	P351	P351	011 P335 (B1P335) P339 (B1P339)
B1	P352	P352	003 P053 (B1P053)
B1	P353	P353	008 P053 (B1P053)
B1	P354	P354	010 P053 (B1P053) A002 (B4007) A004 (B4009)
B1	P355	P355	011 P352 (B1P352) P353 (B1P353) P354 (B1P354)
B1	P356	P356	003 P300 (B1P300) P312 (B1P312)
B1	P357	P357	008 P301 (B1P301) P313 (B1P313)
B1	P358	P358	010 P302 (B1P302) P314 (B1P314)
B1	P359	P359	011 P303 (B1P303) P315 (B1P315)
B1	P364	P364	005 P060 (B1P060) P061 (B1P061) P062 (B1P062)
			P220 (B1P220) B340 (B4492) B418 (B4458B)
			A025 (DE011) A057 (DE057)
B1	P365	P365	001 P220 (B1P220) P344 (B1P344) P364 (B1P364)
B1	P386	P386	003 P005 (B1P005) P011 (B1P011) P031 (B1P031)
			P037 (B1P037) P047 (B1P047) P048 (B1P048)
			P049 (B1P049) P050 (B1P050)
B1	P388	P388	007 P075 (B1P075)
B1	P389	P389	003 P177 (B1P177)
B1	P390	P390	007 P077 (B1P077)
B1	P391	P391	007 P078 (B1P078)
B1	P392	P392	007 P079 (B1P079)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B1	P393	P393	007 P067 (B1P067)
B1	P395	P395	003 P029 (B1P029) P316 (B1P316) P344 (B1P344)
			P388 (B1P388) P392 (B1P392) B263 (B4691)
			B259 (B4692)
B1	P396	P396	008 A005 (B4010)
B1	P398	P398	010 A002 (B4007) A004 (B4009) A005 (B4010)
B1	P399	P399	003 P316 (B1P316) P395 (B1P395)
B1	P425	P425	003 P300 (B1P300) P312 (B1P312) P320 (B1P320)
			P324 (B1P324) P328 (B1P328) P340 (B1P340)
			P348 (B1P348)
B1	P431	P431	003 P300 (B1P300) P312 (B1P312) P320 (B1P320)
			P324 (B1P324) P328 (B1P328) P340 (B1P340)
			P348 (B1P348)
B1	P478	P479	001 P190 (B1P190)
B1	P492	P492	001 P365 (B1P365)
B1	P493	P493	001 P365 (B1P365) P492 (B1P492)
B1	P514	P514	012 B200 (B4642) B150 (B4643)
B1	P515	P515	012 P116 (B1P116) P281 (B1P281) B107 (B4809)
			B108 (B4810) B102 (B4834) B104 (B4836)
B1	P516	P516	012 P220 (B1P220) P515 (B1P515)
B1	P517	P517	013 P117 (B1P117) B017 (B4183) B173 (B4188)
			B221 (B4190) B170 (B4192) B178 (B4198)
			B222 (B4200) B175 (B4202) B027 (B4631)
B1	P518	P518	018 P118 (B1P118) B260 (B4694A)
B1	P519	P519	019 P119 (B1P119)
B1	P520	P520	019 P120 (B1P120)
B1	P521	P521	021 P121 (B1P121)
B1	P522	P522	022 P130 (B1P130) B270 (B4251A) B271 (84252A)
B1	P523	P523	015 P131 (B1P131) B168 (B4646) B180 (B4690)
			B166 (B4792) B273 (B4864) B280 (B4891)
			B281 (B4892A) B282 (B4893) B283 (B4894)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF		VARIABLE	REC.	USES:						
B1	P524	P524	023	P132	(B1P132)					
B1	P525	P525	014	P133	(B1P133)	B163	(B4163)	B187	(B4671)	
				B188	(B4672)	B244	(B4675)	B245	(B4676)	
				B247	(B4677)	B179	(B4823)			
B1	P526	P526	014	P134	(B1P134)	B158	(B4695)	B217	(DE204)	
				B218	(DE205)	B220	(DE206)	B216	(DE230)	
B1	P527	P527	020	P135	(B1P135)					
B1	P528	P528	020	P136	(B1P136)	B194	(B4194)	B181	(B4266)	
				B160	(B4701)	B162	(B4703)	B164	(B4705)	
				B265	(B4811)	B480	(B4958)	B481	(B4959)	
				B482	(B4960)	B483	(B4961)	B484	(B4962)	
				B485	(B4963)					
B1	P529	P529	024	P249	(B1P249)	P250	(B1P250)	D240	(B30240)	
				D242	(B30242)	D258	(B30258)	B017	(4183)	
				B221	(B4190)	B170	(B4192)	B222	(B4200)	
				B175	(B4202)	B027	(B4631)			
B1	P530	P530	012	P129	(B1P129)	B106	(B4808)	B108	(B4810)	
				B102	(B4834)	B101	(B4838)	B274	(B4865)	
B1	P531	P531	024	P087	(B1P087)	P128	(B1P128)	D794	(B30794)	
				B200	(B4642)	B150	(B4643)	B208	(B4645)	
				B213	(B4645A)	B196	(B4647)	B197	(B4647A)	
				B199	(B4648)	B198	(B4648A)	B229	(B4649)	
				B206	(B4650)	B105	(B4807)	B108	(B4808)	
				B228	(B4812)	B103	(B4835)	B101	(B4838)	
B1	P532	P532	024	P127	(B1P127)	B130	(B4640)	B200	(B4642)	
				B105	(B4807)	B106	(B4808)	B103	(B4835)	
				B101	(B4838)					
B1	P535	P535	024	P220	(B1P220)	P515	(B1P515)			
B1	P536	P536	024	P116	(B1P116)	P281	(B1P281)	B107	(B4809)	
				B108	(B4810)	B102	(B4834)	B104	(B4836)	

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B1	P537	024	P117 (B1P117) B017 (B4183) B173 (B4188)
			B221 (B4190) B170 (B4192) B178 (B4198)
			B222 (B4200) B175 (B4202) B027 (B4631)
B1	P538	024	P118 (B1P118) B260 (B4694A)
B1	P539	024	P119 (B1P119)
B1	P540	024	P120 (B1P120)
B1	P541	024	P121 (B1P121)
B1	P542	024	P130 (B1P130) B270 (B4251A) B271 (B4252A)
B1	P543	024	P131 (B1P131) B168 (B4646) B180 (B4690)
			B166 (B4792) B273 (B4864) B280 (B4891)
			B281 (B4892A) B282 (B4893) B283 (B4894)
			P132 (B1P132)
B1	P544	024	P133 (B1P133) B163 (B4163) B187 (B4671)
			B188 (B4672) B244 (B4675) B245 (B4676)
			B247 (B4677) B179 (B4823)
B1	P546	024	P134 (B1P134) B158 (B4695) B217 (DE204)
			B218 (DE205) B220 (DE206) B216 (DE230)
B1	P547	024	P135 (B1P135)
B1	P548	024	P136 (B1P136) B194 (B4194) B181 (B4266)
			B160 (B4701) B162 (B4703) B164 (B4705)
			B265 (B4811) B480 (B4958) B481 (B4959)
			B482 (B4960) B483 (B4961) B484 (B4962)
			B485 (B4963)
B1	P549	024	P126 (B1P126) B238 (B4238) B397 (B4777)
B1	P550	024	P536 (B1P536) P537 (B1P537) P538 (B1P538)
			P539 (B1P539) P540 (B1P540) P541 (B1P541)
			P542 (B1P542) P543 (B1P543) P544 (B1P544)
			P545 (B1P545) P546 (B1P546) P547 (B1P547)
			P548 (B1P548) P549 (B1P549)



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F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF		VARIABLE	REC.	USES:					
B1	P551	P551	012	P316	(B1P316)	P550	(B1P550)	B263	(B4691)
				B259	(B4692)				
B1	P552	P552	024	P546	(B1P546)	D222	(B30222)		
B1	P553	P553	024	D750	(B30750)	D801	(B30801)	B396	(B4619)
				B397	(B4777)				
B1	P554	P554	024	D232	(B30232)	D233	(B30233)	D235	(B30235)
				D236	(B30236)	D237	(B30237)	D238	(B30238)
				B053	(B4088B)	B010	(B4629)	B020	(B4632)
				B030	(B4633)	B050	(B4634)	B060	(B4639)
				B110	(B4644)	B107	(B4809)	B108	(B4810)
				B102	(B4834)	B104	(B4836)	B057	(B4945)
B1	P555	P555	024	D216	(B30216)	D225	(B30225)	D226	(B30226)
				D227	(B30227)	D229	(B30229)	D751	(B30751)
				D752	(B30752)	D758	(B30758)	D759	(B30759)
				D760	(B30760)	D770	(B30770)	D772	(B30772)
				D776	(B30776)	D777	(B30777)	D781	(B30781)
				D782	(B30782)	D788	(B30788)	D790	(B30790)
				D791	(B30791)	D796	(B30796)	D797	(B30797)
				D799	(B30799)	D805	(B30805)	D806	(B30806)
				D807	(B30807)	B168	(B4646)	B180	(B4690)
				B166	(B4792)	B273	(B4864)		
B1	P556	P556	024	D611	(B30611)	D621	(B30621)	D622	(B30622)
				D624	(B30624)	D625	(B30625)	D642	(B30642)
				D645	(B30645)	D646	(B30646)	D649	(B30649)
				D650	(B30650)	D745	(B30745)	D773	(B30773)
				D775	(B30775)	D793	(B30793)	B229	(B4649)
B1	P557	P557	024	P108	(B1P108)	P109	(B1P109)	P110	(B1P110)
				D510	(B30510)	D512	(B30512)	D513	(B30513)
				D514	(B30514)	D538	(B30538)	D539	(B30539)
				D542	(B30542)	D545	(B30545)	D546	(B30546)
				D548	(B30548)	D549	(B30549)	D163	(B4163)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:										
B1	P558	P558	024	B187	(B4671)	B188	(B4672)	B244	(B4675)				
				B245	(B4676)	B247	(B4677)	B179	(B4823)				
				D753	(B30753)	D755	(B30755)	D756	(B30756)				
				D761	(B30761)	D763	(B30763)	D764	(B30764)				
				D765	(B30765)	D768	(B30768)	D778	(B30778)				
				D779	(B30779)	D810	(B30810)	D811	(B30811)				
				D812	(B30812)	D813	(B30813)	D814	(B30814)				
				D821	(B30821)	D822	(B30822)	D823	(B30823)				
				D824	(B30824)	B194	(B4194)	B181	(B4266)				
				B160	(B4701)	B162	(B4703)	B164	(B4705)				
				B480	(B4958)	B481	(B4959)	B482	(B4960)				
				B483	(B4961)	B484	(B4962)	B485	(B4963)				
				B1	P559	P559	024	D754	(B30754)	D756	(B30756)	D789	(B30789)
								D798	(B30798)	D800	(B30800)	D802	(B30802)
B238	(B4238)	B334	(B4775)					B265	(B4811)				
B1	P560	P560	024	B529	(B1P529)	P538	(B1P538)	P539	(B1P539)				
				P540	(B1P540)	P541	(B1P541)	P542	(B1P542)				
				P546	(B1P546)	P547	(B1P547)	P549	(B1P549)				
				P552	(B1P552)	P553	(B1P553)	P554	(B1P554)				
				P555	(B1P555)	P556	(B1P556)	P557	(B1P557)				
				P558	(B1P558)	P559	(B1P559)						
				B1	P563	P563	015	D216	(B30216)	D225	(B30225)	D226	(B30226)
D227	(B30227)	D229	(B30229)					D770	(B30770)				
D772	(B30772)	D796	(B30796)					D797	(B30797)				
D799	(B30799)	D805	(B30805)					D806	(B30806)				
D807	(B30807)	D180	(B4690)					B106	(B4808)				
B108	(B4810)	B102	(B4834)					B273	(B4864)				

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF		VARIABLE	REC.	USES:					
B1	P564	P564	014	D512	(B30512)	D538	(B30538)	D539	(B30539)
				D542	(B30542)	D545	(B30545)	D546	(B30546)
				D548	(B30548)	D549	(B30549)	B163	(B4163)
				B187	(B4671)	B188	(B4672)	B179	(B4823)
B1	P565	P565	014	D550	(B30550)	D554	(B30554)	D555	(B30555)
				D556	(B30556)	D557	(B30557)	D558	(B30558)
				D560	(B30560)	B158	(B4695)	B217	(DE204)
				B220	(DE206)	B216	(DE230)		

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
B3	001	PDRCODE	089	DITEMCOD	(00D09)	LITEMPUR	(00277)	HPITEMA	(00288)
				CLUBIPUT	(00300H)	BSTORPUR	(00318)	DEDONETY	(00416C)
				DEDTWOTY	(00416F)	DEDTHRTY	(00416I)	SUBONETY	(00458B)
B3	002	PDCODVAL	089	DCASHPR	(00D08)	DQUAL	(00D10)	LOANREP	(00275)
				HPINSTAL	(00291)	CLUBSCOS	(00300G)	BSTORAMT	(00317)
				DEDONEAM	(00416B)	DEDTWOAM	(00416E)	DEDTHRAM	(00416H)
				INB242L	(00687A)	INB242H	(00687B)		

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:				
B4	0058	YEAR	001	YEARA	(00005B)		
B4	005D	LACODE	001	LACODEA	(00005D)		
B4	007	A002	041	INA002	(00007)		
B4	009	A004	041	INA004	(00009)		
B4	010	A005	041	INA005	(00010)		
B4	011	A006	041	INA006	(00011)		
B4	012	A007	052	INA007	(00012)		
B4	013	A010	041	INA010	(00013)		
B4	014	BENUNIT	031	P190	(B1P190)	IBENUNIT	(00014)
B4	015	A009	041	INA009	(00015)		
B4	016A	A116	012	AREANUMA	(00002A)	ACOMTYPE	(00016A)
B4	028	B028	012	INB028	(00028)		
B4	052	B052	012	INB052	(00052)		
B4	061	A121	012	AREANUMA	(00002A)	INA121	(00061)
B4	070B	A122	012	RENT100R	(0070B)		
B4	079	A173	012	INA173	(00079)		
B4	088B	B053	012	CWCPAY	(00088B)		
B4	090	A140	012	INA140	(00090)		
B4	092A	A171	A012	RRDDAMDK	(00092A)		
B4	096	B047	012	RALSRAMT	(00096)		
B4	096A	A172	012	RLSRAMDK	(00096A)		
B4	106A	A188	012	MHOWBUY	(00106A)		
B4	107	B131	012	MORIGBOR	(00107)		
B4	108	A181	012	MYEARBUY	(00108)		
B4	108A	B132	012	MPURPRIC	(00108A)		
B4	109	A183	012	MBUYMLOA	(00109)		
B4	109A	A184	012	MREMTOP	(00109A)		
B4	117	A119	012	MREMTOP	(00109A)	INA119	(00117)
				MORTTYPE	(00118)	MLOWRATE	(00117A)
B4	117A	A185	012	MLOWRATE	(00117A)		
B4	117B	B134	012	MAMTOPAY	(00117B)		

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:		
B4	117C	A186	012	MAMTPYDK	(00117C)
B4	128	A158	012	A159	(B4129) INA158 (00128)
B4	129	A159	012	INA159	(00129)
B4	129A	A133	012	INA133	(00129A)
B4	129B	A187	012	MLTRUNDK	(00129B)
B4	130	A163	012	INA163	(00130)
B4	141	B038	012	CTAM	(00141)
B4	142A	B039	012	CTREBAM	(00142A)
B4	142E	B034	012	CTREDAM	(00142E)
B4	163	B163	014	INB163	(00163)
B4	180A	A108	001	INA108	(00180A)
B4	180B	A164	001	INA164	(00180B)
B4	180C	A165	001	INA165	(00180C)
B4	180D	A166	001	INA166	(00180D)
B4	180G	A167	001	TUMDRIER	(00180G)
B4	180H	A168	001	MICROVEN	(00180H)
B4	180I	A169	001	DISHWASH	(00180I)
B4	180J	A141	001	VIDEOREC	(00180J)
B4	180K	A170	001	CDPLAYER	(00180K)
B4	183	B017	013	OILEXP	(00183)
B4	186	A128	013	INA128	(00186)
B4	188	B173	013	GASSMREB	(00188)
B4	190	B221	013	B223	(B4191A) GASBBS (00190)
B4	191A	B223	013	GASBBS	(00190) GASCHAR (00191A)
B4	192	B170	013	GASACC	(00192)
B4	194	B194	020	INB194	(00194)
B4	196	A130	013	INA130	(00196)
B4	198	B178	013	ELECMREB	(00198)
B4	200	B222	013	ELECBBS	(00200)
B4	201A	B224	013	ELECCHAR	(00201A)
B4	202	B175	013	ELECACC	(00202)

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F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:		
B4	238	B238	024	INB238	(00238)
B4	251A	B270	022	FURNAM	(00251A)
B4	252A	B271	022	CPETAM	(00252A)
B4	258	A102	001	INA102	(00258)
B4	263	B165	015	B167	(B4264) TELBILB (00263)
B4	264	B167	015	TELCHAR	(00264)
B4	266	B181	020	TVLICFEE	(00266)
B4	272A	LOANNO	086	ITEM077	(00272A)
B4	272B	A100	086	LOANCODE	(00272B)
B4	275	LWKINST	086	LOANREP	(00275)
B4	277	LITEM	086	LITEMPUR	(00277)
B4	279	B239L	086	LCASHP	(00279)
B4	287A	HPAGRNO	088	ITEM078	(00287A)
B4	288	HPITEM	088	HPITEMA	(00288)
B4	288A	A288	043	INA288	(00288A)
B4	290	B239H	086	HPCASHPR	(00290)
B4	291	HPWKINST	088	HPINSTAL	(00291)
B4	300D	CRTRANNO	087	ITEM080	(00300D)
B4	300E	CRTRANTY	087	CLUBGTYP	(00300E)
B4	300G	CRVALUE	087	CLUBSCOS	(00300G)
B4	300H	CRCODE	087	CLUBIPUT	(00300H)
B4	301A	A138	001	SEDWINUK	(00301A)
B4	319S	B319	045	INB319	(00319S)
B4	342D	B364	052	TSLAMTBW	(00342D)
B4	359A	B359	052	INB359	(00359A)
B4	376	B080	012	INB080	(00376)
B4	385D	A200	041	EMPSTAT	(00385D)
B4	390	A207	043	A209	(B4391) INA207 (00390)
B4	391	A209	043	INA209	(00391)
B4	411A	B304	044	TAXREFAM	(00411A)
B4	412	B305	044	TAX	(00412)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:				
B4	414	B306	044	NINO	(00414)		
B4	415B	B318	044	DEDSUPAM	(00415B)		
B4	419	A220	043	A254	(B4426)	B303	(B4873) INA220 (00419)
B4	420	A244	043	INA244	(00420)		
B4	426	A254	043	INA254	(00426)		
B4	428	B315	043	B329	(B4719)	USGROPAY	(00428)
B4	430H	B320	043	BONINAM	(00430H)		
B4	433	B321	043	BONINUSP	(00433)		
B4	434C	B316	043	LVTOTVAL	(00434C)		
B4	454	B309	045	A212	(B4710)	SUBSIDPY	(00454)
B4	456A	B310	045	SUBTAXAM	(00456A)		
B4	457A	B311	045	SUBNIAM	(00457A)		
B4	476	A203	041	A219	(B4733)	SEHOURS	(00476)
B4	476B	B391	044	SETAXAM	(00476B)		
B4	477	B328	045	SESUBINC	(00477)		
B4	483	B336	054	NICONTAM	(00483)		
B4	485	B337	051	CHILDBEN	(00484A)	CHILDBAM	(00485)
B4	488	B338	047	NIPEN	(00487)	NIPENAMT	(00488)
B4	490	B339	047	NIWIDOWS	(00489H)	NIWADAMT	(00490)
B4	492	B340	047	WARDIS	(00491G)	WARDISAM	(00492)
B4	493B	B325	047	INDISBAM	(00493B)	INDISB	(00493C)
B4	495B	B418	047	SEVDAMT	(00495B)		
B4	496	B343	047	INVCAL	(00496)	INVALCALAM	(00496A)
B4	497A	B404	049	DISWAL	(00497)	DISWALAM	(00497A)
B4	497D	B403	049	DISLASC	(00497C)	DISLSCAM	(00497D)
B4	497G	B405	049	DISLAMC	(00497F)	DISLMCAM	(00497G)
B4	499	B421	051	ATTENDNC	(00498A)	ATTENDAM	(00499)
B4	501	A278	049	INA278	(00501)		
BA	503	A279	049	INA279	(00503)		
B4	505	A224	049	B363	(B4506)	INA224	(00505)
B4	506	B363	049	NISICK	(00504)	NIBEN	(00506)



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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B4	508	A225	049 INA225 (00508)
B4	510	A258	047 B369 (B4511) INA258 (00510)
B4	511	B369	047 CONPEN (00509) CONBREC (00511)
B4	513	A259	047 INA259 (00513)
B4	517	A246	050 INA246 (00517)
B4	518	A249	050 INA249 (00518)
B4	519	B382	050 TRAINBEN (00519)
B4	521	A273	050 INA273 (00521)
B4	526	A222	048 B362 (B4527) INA222 (00526)
B4	527	B362	048 UNEMBEN (00525A) UBPAYAMT (00527)
B4	529	A223	048 INA223 (00529)
B4	530	A256	051 B368 (B4531) INA256 (00530)
B4	531	B368	051 FIS (00529A) FISBEN (00531)
B4	533	A257	051 INA257 (00533)
B4	534	A228	051 B365 (B4535) INA228 (00534)
B4	535	B365	051 SUPBEN (00533A) SUPBAMT (00535)
B4	537	A229	051 INA229 (00537)
B4	538	A239	051 B341 (B4539) INA239 (00538)
B4	539	B341	051 MATALL (00537B) MATALAMT (00539)
B4	541	A240	051 INA240 (00541)
B4	542	B406	051 MATGRANT (00541A) MATGRAMT (00542)
B4	543D	A274	046 SMPBENPR (00543D)
B4	546	A232	051 B367 (B4547) INA232 (00546)
B4	547	B367	051 OTHBENAM (00547)
B4	549	A233	051 INA233 (00549)
B4	550	B394	047 INB394 (00550)
B4	554	A230	051 B366 (B4555) INA230 (00554)
B4	555	B366	051 TUSICBEN (00555)
B4	557	A231	051 INA231 (00557)
B4	565D	B349	047 EMPTAXAM (00565D) EMPTAXBA (00565E)
B4	565G	B345	047 EMPDEDAM (00565G)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B4	566D	B347	046 APTTAXAM (00566D) APTTAXBA (00566E)
B4	573A	A2188	046 NSCAPB (00573A)
B4	573C	A2181	046 NSILC (00573C)
B4	573E	A2182	046 NSFIC (00573E)
B4	573K	A2185	046 NSPRB (00573K)
B4	573M	A2186	046 NSINCB (00573M)
B4	573O	A2187	046 NSDEPB (00573O)
B4	573Q	A2189	046 SAYE (00573Q)
B4	573S	A2183	046 NSOPTB (00573S)
B4	573T	A2184	046 NSBONB (00573T)
B4	574A	A2601	046 NSORDAC (00574A)
B4	574C	B373	046 NSORDINT (00574C)
B4	574E	A2602	046 NSINVAC (00574E)
B4	574G	B333	046 NSINVINT (00574G)
B4	574I	A2614	046 TESSAC (00574I)
B4	574K	B398	046 TESSINT (00574K)
B4	574M	B395	046 TESSINV (00574M)
B4	574N	A262	046 TESSLSIN (00574N)
B4	577A	A2610	046 BSBTXAC (00577A)
B4	577B	B399	046 BSBTXINT (00577B)
B4	577D	A2611	046 BSATXAC (00577D)
B4	577E	B400	046 BSATXINT (00577E)
B4	577G	A2612	046 BKBTXAC (00577G)
B4	577H	B401	046 BKBTXINT (00577H)
B4	577J	A2613	046 BKATXAC (00577J)
B4	577K	B402	046 BKATXINT (00577K)
B4	577M	A2606	046 OTHBKAC (00577M)
B4	577N	B374	046 OTHBKINT (00577N)
B4	582	B360	046 RENRECAM (00582)
B4	582B	B384	046 UNEARNAM (00582B)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:				
B4	595E	A297	054	SEPALWHO	(00595E)		
B4	601	B383	046	MLBABAMT	(00601)		
B4	602	A275	041	INA275	(00602)		
B4	607	B387	054	DIRTAXAM	(00607)		
B4	608	B390	046	DIRTXRAM	(00608)		
B4	611	B386	054	DIRNIAM	(00611)		
B4	619	B396	053	CHINCAMT	(00619)		
B4	620E	A2421	053	CNSILC	(00620E)		
B4	620G	A2422	053	CNSFIC	(00620G)		
B4	620I	A2429	053	CNSORD	(00620I)		
B4	620K	A2430	053	CNSINV	(00620K)		
B4	620M	A2425	053	CNSPRB	(00620M)		
B4	6200	A2424	053	CNSCIDB	(006200)		
B4	6200	A2420	053	CNSBONB	(00620Q)		
B4	622	A114	001	AREANUMA	(00002A)	INA114	(00622)
B4	623	A111	001	AREANUMA	(00002A)	INA111	(00623)
B4	624	A112	001	INA112	(00624)		
B4	627	B230	012	WKRRAMT	(00627)		
B4	629	B010	012	INB010	(00629)		
B4	631	B027	013	INB027	(00631)		
B4	631C	B040	012	RRDEDAMT	(00092)	WKRRDED	(00631C)
B4	632	B020	012	INB020	(00632)		
B4	633	B030	012	INB030	(00633)		
B4	634	B050	012	INB050	(00634)		
B4	639	B060	012	INB060	(00639)		
B4	640	B130	012	INB130	(00640)		
B4	642	B200	012	INB200	(00642)		
B4	643	B150	012	P514	(B1P514)	A158	(B4128) INB150 (00643)
B4	644	B110	012	INB110	(00644)		
B4	645	B208	012	INB208	(00645)		
B4	645A	B213	012	INB213	(00645A)		

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B4	646	B168	012 INB168 (00646)
B4	647	B196	024 INB196 (00647)
B4	647A	B197	024 INB197 (00647A)
B4	648	B199	012 INB199 (00648)
B4	648A	B198	012 INB198 (00648A)
B4	649	B229	024 INB229 (00649)
B4	650	B206	024 INB206 (00650)
B4	671	B187	014 INB187 (00671)
B4	672	B188	014 INB188 (00672)
B4	675	B244	014 INB244 (00675)
B4	676	B245	014 INB245 (00676)
B4	677	B247	014 INB247 (00677)
B4	678	B183	014 INB183 (00678)
B4	679	B182	014 INB182 (00679)
B4	680	B172	014 INB172 (00680)
B4	686A	B241L	086 INB241L (00686A)
B4	686B	B241H	088 INB241H (00686B)
B4	687A	B242L	086 INB242L (00687A)
B4	687B	B242H	088 INB242H (00687B)
B4	690	B180	015 INB180 (00690)
B4	691	B263	004 INB263 (00691)
B4	692	B259	004 INB259 (00692)
B4	694A	B260	018 INB260 (00694A)
B4	695	B158	014 INB158 (00695)
B4	698	B392	052 INB392 (00698)
B4	700	B361	052 INB361 (00700)
B4	700A	B207	016 INB207 (00700A)
B4	701	B160	016 INB160 (00701)
B4	703	B162	016 INB162 (00703)
B4	705	B164	016 INB164 (00705)
B4	707	A208	043 INA208 (00707)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:			
B4	710	A212	045	B309	(B4454)	INA212 (00710)
B4	711	A214	045	INA214	(00711)	
B4	712	A250	043	INA250	(00712)	
B4	719	B329	043	INB329	(00719)	
B4	721	B312	043	INB312	(00721)	INB330 (00722)
B4	722	B330	043	INB330	(00722)	
B4	726	A255	045	INA255	(00726)	
B4	731	B326	043	INB326	(00731)	
B4	733	A219	043	INA219	(00733)	
B4	733A	A280	046	INA280	(00733A)	
B4	756	B348	047	EMPENS	(00565)	INB348 (00756)
B4	758	B346	046	ANNPPTST	(00566)	INB346 (00758)
B4	767	B378	046	INB378	(00767)	
B4	768	B352	046	INB352	(00768)	
B4	769	B385	046	INB385	(00769)	
B4	775	B334	054	INB334	(00775)	
B4	777	B397	053	INB397	(00777)	
B4	779	B313	043	INB313	(00779)	
B4	780	B327	043	INB327	(00780)	
B4	786	A162	014	INA162	(00786)	
B4	787	A124	001	INA124	(00787)	
B4	788	A149	014	INA149	(00788)	
B4	789	A117	001	INA117	(00789)	
B4	790	A118	001	INA118	(00790)	
B4	791	A160	014	INA160	(00791)	
B4	792	B166	015	INB166	(00792)	
B4	801	B307	044	INB307	(00801)	
B4	802	A131	008	AREANUMA	(00002A)	INA131 (00802)
B4	807	B105	024	INB105	(00807)	
B4	808	B106	024	INB106	(00808)	
B4	809	B107	012	INB107	(00809)	

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:			
B4	810	B108	012	INB108	(00810)	
B4	811	B265	020	SEPALWHO	(00595E)	INB265 (00811)
B4	812	B228	024	INB228	(00812)	
B4	813	A178	054	INA178	(00813)	
B4	813A	B422	054	INB422	(00813A)	
B4	821	B246	014	INB246	(00821)	
B4	822	A143	014	INA143	(00822)	
B4	823	B179	014	INB179	(00823)	
B4	827	B070	012	INB070	(00827)	
B4	830	B388	049	INB388	(00830)	
B4	832	B381	046	INB381	(00832)	
B4	834	B102	012	INB102	(00834)	
B4	835	B103	024	INB103	(00835)	
B4	836	B104	012	INB104	(00836)	
B4	838	B101	024	INB101	(00838)	
B4	842	A099	001	INA099	(00842)	
B4	843	A055	001	AREANUMA	(00002A)	INA055 (00843)
B4	844	A097	001	AREANUMA	(00002A)	INA097 (00844)
B4	845	PAFREG	001	AREANUMA	(00002A)	INPAFREG (00845)
B4	846	A285	041	INA285	(00846)	
B4	847	A286	043	INA286	(00847)	
B4	847A	A287	043	P154	(B1P154)	INA287 (00847A)
B4	848	A098	001	AREANUMA	(00002A)	INA098 (00848)
B4	850	A103	013	AREANUMA	(00002A)	INA103 (00850)
B4	851	A234	043	INA234	(00851)	
B4	852	B353	054	INB353	(00852)	
B4	853	B354	054	INB354	(00853)	
B4	854	B355	054	INB355	(00854)	
B4	855	B356	054	INB356	(00855)	
B4	856	B409	046	INB409	(00856)	
B4	863	B272	015	INB272	(00863)	

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
B4	864	B273	015 INB273 (00864)
B4	865	B274	015 INB274 (00865)
B4	873	B303	043 WKPAYAMT (00873)
B4	891	B280	015 INB280 (00891)
B4	892A	B281	015 INB281 (00892A)
B4	893	B282	015 INB282 (00893)
B4	894	B283	015 INB283 (00894)
B4	895	B284	015 INB284 (00895)
B4	940	B035	012 INB035 (00940)
B4	942	B037	012 INB037 (00942)
B4	943	B055	012 INB055 (00943)
B4	945	B057	012 INB057 (00945)
B4	946	B460	041 INB460 (00946)
B4	947	B465	041 INB465 (00947)
B4	948	B470	041 INB470 (00948)
B4	949	B475	041 INB475 (00949)
B4	951	B111	012 INB111 (00951)
B4	952	B112	012 INB112 (00952)
B4	953	B113	012 INB113 (00953)
B4	954	B114	012 INB114 (00954)
B4	958	B480	020 INB480 (00958)
B4	959	B481	020 INB481 (00959)
B4	960	B482	020 INB482 (00960)
B4	961	B483	020 INB483 (00961)
B4	962	B484	020 INB484 (00962)
B4	963	B485	020 INB485 (00963)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
DE 001	A014	041	P398	(B1P398)	A002	(B4007)	A004	(B4009)	
			A066	(DE046)	A089	(DE051)			
DE 002	A015	041	P020	(B1P020)	A004	(B4009)	A005	(B4010)	
			A006	(B4011)	A007	(B4012)	A009	(B4015)	
DE 003	A016	002	A004	(B4009)	A005	(B4010)	A006	(B4011)	
DE 004	A017	002	A004	(B4009)	A005	(B4010)	A006	(B4011)	
DE 005	A018	002	A005	(B4010)	A006	(B4011)			
DE 006	A020	002	A004	(B4009)	A005	(B4010)			
DE 007	A021	002	A004	(B4009)	A005	(B4010)			
DE 008	A022	002	A004	(B4009)	A005	(B4010)	A006	(B4011)	
DE 009	A023	002	A004	(B4009)	A005	(B4010)	A006	(B4011)	
DE 010	A024	002	A004	(B4009)	A005	(B4010)			
DE 011	A025	002	A004	(B4009)	A005	(B4010)			
DE 012	A026	002	A004	(B4009)	A005	(B4010)			
DE 013	A027	002	A004	(B4009)	A005	(B4010)			
DE 014	A028	002	A004	(B4009)	A015	(DE002)			
DE 015	A029	002	A004	(B4009)					
DE 016	A030	002	A004	(B4009)	A005	(B4010)			
DE 017	A031	002	A004	(B4009)	A005	(B4010)			
DE 018	A032	002	A004	(B4009)	A005	(B4010)	A006	(B4011)	
DE 019	A033	002	A004	(B4009)	A005	(B4010)	A006	(B4011)	
DE 020	A034	002	A004	(B4009)	A005	(B4010)			
DE 021	A035	002	A004	(B4009)	A005	(B4010)			
DE 022	A036	002	A004	(B4009)	A005	(B4010)			
DE 023	A037	002	A004	(B4009)	A005	(B4010)			
DE 024	A038	002	A004	(B4009)	A015	(DE002)			
DE 025	A039	002	A004	(B4009)					
DE 026	A040	002	A005	(B4010)					
DE 027	A041	002	A005	(B4010)					
DE 028	A042	002	A005	(B4010)	A006	(B4011)			
DE 029	A043	002	A005	(B4010)	A006	(B4011)			



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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
DE 030	A044	002	A005	(B4010)					
DE 031	A045	002	A005	(B4010)					
DE 032	A046	002	A005	(B4010)					
DE 033	A047	002	A005	(B4010)					
DE 036	A011	041	A002	(B4007)	A004	(B4009)	A006	(B4011)	
			BENUNIT	(B4014)					
DE 041	A059	006	P344	(B1P344)	AREANUMA	(00002A)			
DE 042	A060	008	P345	(B1P345)					
DE 043	A061	001	A004	(B4009)	A005	(B4010)	AREANUMA	(00002A)	
DE 044	A062	001	A004	(B4009)	A005	(B4010)	A016	(DE003)	
			A017	(DE004)	A018	(DE005)	AREANUMA	(00002A)	
DE 045	A065	008	P396	(B1P396)	A002	(B4007)	A005	(B4010)	
			A093	(DE052)	A091	(DE201)	A096	(DE202)	
DE 046	A066	010	A002	(B4007)	A005	(B4010)			
DE 047	A067	006	P550	(B1P550)	AREANUMA	(00002A)			
DE 048	A069	001	P344	(B1P344)	P365	(B1P365)	P492	(B1P492)	
			P493	(B1P493)	A002	(B4007)	AREANUMA	(00002A)	
DE 051	A089	010	P020	(B1P020)	A002	(B4007)	A004	(B4009)	
			A005	(B4010)	A200	(B4385D)	A207	(B4390)	
			A220	(B4419)	A204	(DE066)			
DE 052	A093	008	P020	(B1P020)	A002	(B4007)	A004	(B4009)	
			A005	(B4010)	A200	(B4385D)	A207	(B4390)	
			A220	(B4419)	A204	(DE066)			
DE 053	A053	001	A004	(B4009)	A005	(B4010)	A006	(B4011)	
			BENUNIT	(B4014)	A206	(DE067)			
DE 054	A054	002	A206	(DE067)					
DE 055	A058	002	A206	(DE067)					
DE 056	A056	002	A206	(DE067)					
DE 057	A057	002	A206	(DE067)					
DE 058	A107	006	P389	(B1P389)	AREANUMA	(00002A)			

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
DE 059	A175	009	P051	(B1P051)	A176	(DE060)	A177	(DE063)	
			A180	(DE064)	A251	(DE068)	B262	(DE069)	
			A179	(DE203)					
DE 060	A176	009	A005	(B4010)	A006	(B4011)	A251	(DE068)	
DE 061	A210	041	PROGWORK	(00385C)					
DE 063	A177	009	A002	(B4007)	A004	(B4009)	A005	(B4010)	
			A006	(B4011)	A015	(DE002)	OCCUP91	(00403)	
			INSEG	(00861)					
DE 064	A180	009	A005	(B4010)	A251	(DE068)			
DE 066	A204	041	A004	(B4009)	A005	(B4010)	GOVTPROG	(00385A)	
DE 067	A206	041	P020	(B1P020)	A004	(B4009)	A005	(B4010)	
			A200	(B4385D)	A207	(B4390)	A220	(B4419)	
			A204	(DE066)	A215	(DE301)			
DE 068	A251	041	P051	(B1P051)	A002	(B4007)	A004	(B4009)	
			A005	(B4010)					
DE 069	B262	009	P051	(B1P051)	A251	(DE068)	AREANUMA	(00002A)	
DE 070	A070	001	A005	(B4010)					
DE 071	G018	002	A043	(DE029)	A044	(DE030)	A045	(DE031)	
			A046	(DE032)	A047	(DE033)			
DE 072	G019	002	A040	(DE026)	A041	(DE027)	A042	(DE028)	
DE 073	A071	001	A004	(B4009)	A005	(B4010)			
DE 074	G005	002	A043	(DE029)	A044	(DE030)	A045	(DE031)	
DE 075	G006	002	A046	(DE032)	A047	(DE033)			
DE 076	G021	002	A206	(DE067)					
DE 082	HHNO	001	AREANUMA	(00002A)	SERNUMA	(00002B)	HHNUMA	(00003)	
DE 083	A266	047	CONBUS	(00598B)	CONBUSTY	(00599)			

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
DE 085	DLGOODS	112	D408	(B30408)	D410	(B30410)	D414	(B30414)	
			D415	(B30415)	D416	(B30416)	D420	(B30420)	
			D421	(B30421)	D422	(B30422)	D601	(B30601)	
			D603	(B30603)	D604	(B30604)	D605	(B30605)	
			D631	(B30631)	D632	(B30632)	D634	(B30634)	
			D641	(B30641)	D721	(B30721)	D722	(B30722)	
			D723	(B30723)	D733	(B30733)	D734	(B30734)	
			D784	(B30784)	DCASHPR	(00D08)	DITEMCOD	(00D09)	
			DQUAL	(00D10)					
			DE 086	DFAREOTC	112	D505	(B30505)	D508	(B30508)
D550	(B30550)	D551				(B30551)	D552	(B30552)	
D553	(B30553)	D554				(B30554)	D555	(B30555)	
D556	(B30556)	D557				(B30557)	D558	(B30558)	
D560	(B30560)	D936				(B50936)	D937	(B50937)	
D938	(B50938)	D939				(B50939)	D977	(B50977)	
DCASHPR	(00D08)	DITEMCOD				(00D09)	DQUAL	(00D10)	
D229	(B30229)	D753				(B30753)	D755	(B30755)	
D756	(B30756)	D757				(B30757)	D761	(B30761)	
D763	(B30763)	D764				(B30764)	D765	(B30765)	
DE 087	DLSERVIC	112	D768	(B30768)	D798	(B30798)	D802	(B30802)	
			D932	(B50932)	D935	(B50935)	D949	(B50949)	
			D955	(B50955)	D956	(B50956)	D980	(B50980)	
			D981	(B50981)	D984	(B50984)	D985	(B50985)	
			DCASHPR	(00D08)	DITEMCOD	(00D09)	DQUAL	(00D10)	
			D232	(B30232)	D233	(B30233)	D235	(B30235)	
			D236	(B30236)	D237	(B30237)	D238	(B30238)	
			D901	(B50901)	D902	(B50902)	D903	(B50903)	
			D904	(B50904)	D905	(B50905)	D907	(B50907)	
			D910	(B50910)	D920	(B50920)	D947	(B50947)	
DE 088	DHOUSING	112	D948	(B50948)	DCASHPR	(00D08)	DITEMCOD	(00D09)	
			DQUAL	(00D10)					

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
DE 089	DFUEL	112	D225	(B30225)	D226	(B30226)	D240	(B30240)	
			D242	(B30242)	D254	(B30254)	D255	(B30255)	
			D258	(B30258)	D913	(B50913)	D914	(B50914)	
			D915	(B50915)	D917	(B50917)	D918	(B50918)	
			DCASHPR	(00D08)	DITEMCOD	(00D09)	DQUAL	(00D10)	
DE 090	DFOOD	112	D101	(B30101)	D102	(B30102)	D103	(B30103)	
			D106	(B30106)	D108	(B30108)	D111	(B30111)	
			D112	(B30112)	D113	(B30113)	D114	(B30114)	
			D116	(B30116)	D121	(B30121)	D122	(B30122)	
			D123	(B30123)	D127	(B30127)	D134	(B30134)	
			D138	(B30138)	D140	(B30140)	D141	(B30141)	
			D142	(B30142)	D143	(B30143)	D146	(B30146)	
			D147	(B30147)	D148	(B30148)	D149	(B30149)	
			D152	(B30152)	D153	(B30153)	D155	(B30155)	
			D156	(B30156)	D158	(B30158)	D160	(B30160)	
			D162	(B30162)	D164	(B30164)	D171	(B30171)	
			D172	(B30172)	D173	(D30173)	D181	(B30181)	
			D182	(B30182)	D183	(B30183)	D184	(B30184)	
			D185	(B30185)	D190	(B30190)	D193	(B30193)	
			D195	(B30195)	D197	(B30197)	D199	(B30199)	
			D840	(B30840)	D841	(B30841)	D842	(B30842)	
			D843	(B30843)	D844	(B30844)	D845	(B30845)	
			D846	(B30846)	D847	(B30847)	D848	(B30848)	
			D849	(B30849)	D850	(B30850)	D851	(B30851)	
			D852	(B30852)	D853	(B30853)	D854	(B30854)	
			D855	(B30855)	D856	(B30856)	D857	(B30857)	
			D975	(B30975)	DCASHPR	(00D08)	DITEMCOD	(00D09)	
			DQUAL	(00D10)					

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:			
DE 091	DALDRINK	112	D260 (B30260) D261 (B30261) D263 (B30263)			
			D264 (B30264) D265 (B30265) D266 (B30266)			
			D269 (B30269) D270 (B30270) D271 (B30271)			
			D273 (B30273) D274 (B30274) D275 (B30275)			
			D276 (B30276) D279 (B30279) D280 (B30280)			
			D281 (B30281) D283 (B30283) D284 (B30284)			
			D285 (B30285) D286 (B30286) D289 (B30289)			
			DCASHPR (00D08) DITEMCOD (00D09) DQUAL (00D10)			
			DE 092	DTOBACCO	112	0211 (B30211) D212 (B30212) D213 (B30213)
			DE 093			DCLOTH
D301 (B30301) D305 (B30305) D311 (B30311)						
D315 (B30315) D321 (B30321) D322 (B30322)						
D325 (B30325) D326 (B30326) D330 (B30330)						
D331 (B30331) D332 (B30332) D335 (B30335)						
D336 (B30336) D337 (B30337) D338 (B30338)						
D341 (B30341) D342 (B30342) D343 (B30343)						
D349 (B30349) D1301 (B31301) D1305 (B31305)						
D1311 (B31311) D1315 (B31315) D1321 (B31321)						
D1322 (B31322) D1325 (B31325) D1326 (B31326)						
D1330 (B31330) D1331 (B31331) D1332 (B31332)						
D1335 (B31335) D1336 (B31336) D1338 (B31338)						
D1341 (B31341) D1342 (B31342) D1343 (B31343)						
D1349 (B31349) DCASHPR (00D08) DITEMCOD (00D09)						
DQUAL (00D10)						
DE 094	DDURABLE	112	D402 (B30402) D405 (B30405) D407 (B30407)			
			D411 (B30411) D413 (B30413) D417 (B30417)			
			D419 (B30419) D423 (B30423) D425 (B30425)			
			D426 (B30426) D427 (B30427) D428 (B30428)			
			D431 (B30431) D434 (B30434) D437 (B30437)			
			D438 (B30438) D439 (B30439) D440 (B30440)			
			D623 (B30623) D648 (B30648) D731 (B30731)			

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
			D732	(B30732)	D742	(B30742)	D746	(B30746)	
			D786	(B30786)	D957	(B50957)	D958	(B50958)	
			DCASHPR	(00D08)	DITEMCOD	(00D09)	DQUAL	(00D10)	
DE	095	DPGOODS	112	D611	(B30611)	D621	(B30621)	D622	(B30622)
				D624	(B30624)	D625	(B30625)	D642	(B30642)
				D645	(B30645)	D646	(B30646)	D649	(B30649)
				D650	(B30650)	D745	(B30745)	D773	(B30773)
				D775	(B30775)	D793	(B30793)	DCASHPR	(00D08)
				DITEMCOD	(00D09)	DQUAL	(00D10)		
DE	096	DVEHICLE	112	D501	(B30501)	D502	(B30502)	D503	(B30503)
				D510	(B30510)	D512	(B30512)	D513	(B30513)
				D514	(B30514)	D538	(B30538)	D539	(B30539)
				D542	(B30542)	D545	(B30545)	D546	(B30546)
				D548	(B30548)	D549	(B30549)	D940	(B50940)
				D941	(B50941)	D942	(B50942)	D943	(B50943)
				D944	(B50944)	DCASHPR	(00D08)	DITEMCOD	(00D09)
				DQUAL	(00D10)				
DE	097	DSERVICE	112	D216	(B30216)	D227	(B30227)	D751	(B30751)
				D752	(B30752)	D754	(B30754)	D758	(B30758)
				D759	(B30759)	D760	(B30760)	D770	(B30770)
				D772	(B30772)	D776	(B30776)	D777	(B30777)
				D778	(B30778)	D779	(B30779)	D781	(B30781)
				D782	(B30782)	D788	(B30788)	D790	(B30790)
				D791	(B30791)	D796	(B30796)	D797	(B30797)
				D799	(B30799)	D800	(B30800)	D805	(B30805)
				D806	(B30806)	D807	(B30807)	D921	(B50921)
				D930	(B50930)	D959	(B50959)	D970	(B50970)
				DCASHPR	(00D08)	DITEMCOD	(00D09)	DQUAL	(00D10)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
DE 098	DORECPAY	112	D215 (B30215) D218 (B30218) D221 (B30221)
			D222 (B30222) D231 (B30231) D787 (B30787)
			D794 (B30794) D795 (B30795) D803 (B30803)
			D810 (B30810) D811 (B30811) D812 (B30812)
			D813 (B30813) D814 (B30814) D922 (B50922)
			D923 (B50923) D924 (B50924) D925 (B50925)
			D926 (B50926) D927 (B50927) D945 (B50945)
			D946 (B50946) D990 (B50990) D991 (B50991)
			D992 (B50992)
			DE 099
D969 (B50969) DCASHPR (00D08) DITEMCOD (00D09)			
DQUAL (00D10)			
DE 100	DMISC	112	D750 (B30750) D789 (B30789) D801 (B30801)
			D950 (B50950) D986 (B50986) D988 (B50988)
			D997 (B50997) D998 (B50998) D989 (B50999)
			DCASHPR (00D08) DITEMCOD (00D09) DQUAL (00D10)
DE 101	DTOTEXP	112	DLGOODS (DE085) DFAREOTC (DE086) DLSERVIC (DE087)
			DHOUSING (DE088) DFUEL (DE089) DFOOD (DE090)
			DALDRINK (DE091) DTOBACCO (DE092) DCLOTH (DE093)
			DDURABLE (DE094) DPGOODS (DE095) DVEHICLE (DE096)
			DSERVICE (DE097) DMISC (DE100)
DE 102	DBETWIN	112	DB21 (B30821) D822 (B30822) D823 (B30823)
			D824 (B30824) DCASHPR (00D08) DITEMCOD (00D09)
DE 103	CLGOODS	112	DLGOODS (DE085) DCODECNT (00D11)
DE 104	CFAREOTC	112	DFAREOTC (DE086) DCODECNT (00D11)
DE 105	CLSERVIC	112	DLSERVIC (DE087) DCODECNT (00D11)
DE 106	CHOUSING	112	DHOUSING (DE088) DITEMCOD (00D09) DCODECNT (00D11)
DE 107	CFUEL	112	DFUEL (DE089) DCODECNT (00D11)
DE 108	CFOOD	112	DFOOD (DE090) DCODECNT (00D11)
DE 109	CALDRINK	112	DALDRINK (DE091) DCODECNT (00D11)
DE 110	CTOBACCO	112	DTOBACCO (DE092) DCODECNT (00D11)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
DE	111	C CLOTH	112	DCLOTH	(DE093)	DCODECNT	(00D11)		
DE	112	CDURABLE	112	DDURABLE	(DE094)	DCODECNT	(00D11)		
DE	113	CPGOODS	112	DPGOODS	(DE095)	DCODECNT	(00D11)		
DE	114	CVEHICLE	112	DVEHICLE	(DE096)	DCODECNT	(00D11)		
DE	115	CSERVICE	112	DSERVICE	(DE097)	DCODECNT	(00D11)		
DE	116	CORECPAY	112	DORECPAY	(DE098)	DCODECNT	(00D11)		
DE	117	CINSCRED	112	DINSCRED	(DE099)	DCODECNT	(00D11)		
DE	118	CMISC	112	DMISC	(DE100)	DCODECNT	(00D11)		
DE	119	CTOTEXP	112	CLGOODS	(DE103)	CFAREOTC	(DE104)	CLSERVIC	(DE105)
				CHOUSING	(DE106)	CFUEL	(DE107)	CFOOD	(DE108)
				CALDRINK	(DE109)	CTOBACCO	(DE110)	C CLOTH	(DE111)
				CDURABLE	(DE112)	CPGOODS	(DE113)	CVEHICLE	(DE114)
				CSERVICE	(DE115)	CMISC	(DE118)		
DE	120	CBETWIN	112	DBETWIN	(DE102)	DCODECNT	(00D11)		
DE	200	A063	031	BUMEMBER	(DE311)				
DE	201	A091	008	A002	(B4007)	A204	(DE066)	A215	(DE301)
DE	202	A096	008	A002	(B4007)	A215	(DE301)		
DE	203	A179	009	A015	(DE002)	A215	(DE301)		
DE	204	B217	014	B354	(B4853)				
DE	205	B218	014	B353	(B4852)				
DE	206	B220	014	B356	(B4855)				
DE	211	A211	045	INTDAT	(00004)	SUBDAT	(00453)		
DE	217	A095	008	A002	(B4007)	INSOC	(00862)		
DE	220	A155	001	CHTYPE	(00180F)				
DE	221	A156	001	CHTYPE	(00180F)				
DE	230	B216	014	STAMT	(00245D)	STMODE	(00245E)		
DE	250	A150	001	CHTYPE	(00180F)				
DE	251	A151	001	CHTYPE	(00180F)				
DE	252	A152	001	CHTYPE	(00180F)				
DE	253	A153	001	CHTYPE	(00180F)				



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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
DE 301	A215	043	P020	(B1P020)	A004	(B4009)	A005	(B4010)	
			A015	(DE002)	A204	(DE066)	EMPSTAT	(00385D)	
			OCCUP91	(00403)	INSEG	(00861)			
DE 310	B342	046	EMPSTAT	(00385D)	REGPAY	(00400)	USGROPAY	(00428)	
			SMP	(00543A)	SMPWKS	(00543B)	SMPRATE	(00543H)	
			WKGROSS	(00717I)	INA055	(00843)			
DE 311	BUMEMBER	032	BUPERSNO	(B4006)	A004	(B4009)	A005	(B4010)	
			A006	(B4011)	A007	(B4012)			

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00	C201	PERSN060	060 INA005 (00010)
00	C202	PCCREB	060 PCCRBTyp (00C203)
00	C203	PCCRBTyp	060 PCCREBAM (00C213) PCCREBDK (00C214) PERCC213 (00C215)
			PCCREDAM (00C216) PCCREDDK (00C217) PERCC216 (00C218)
			INA005 (00010) INA007 (00012)
00	C205	PCCAM	060 PCCREB (00C202) PCCEXNIL (00C206) PCCAMPER (00C207)
00	C206	PCCEXNIL	060 PCCAM (00C205)
00	C214	PCCREBDK	060 PCCREBAM (00C213) PERCC213 (00C215)
00	C217	PCCREDDK	060 PCCREDAM (00C216) PERCC216 (00C218)
00	D02	AREANUMD	113 AREANUMA (00002A)
00	D03	SERNUMD	113 SERNUMA (00002B)
00	D04	HHNUMD	113 HHNUMA (00003)
00	D09	DITEMCOD	114 PCCAM (00C205) DCASHPR (00D08) DQUAL (00D10)
			LACODEA (00005D) INA005 (00010) INA007 (00012)
			RENT (00070) WSINRPAY (00078E) RATESPAY (00081)
			WTRATPAY (00084C) SWRATPAY (00084E) WRATEPAY (00085)
			CWCPAY (00088B) OTHPYAM1 (00104D) OTHPYAM2 (00104E)
			MORINPAY (00119) INCININT (00124) INTPRPAY (00125)
			INCOMP (00134) INCOMPAMT (00135) SCPPAMT (00139C)
			SCPTYPE (00139E) CTAM (00141) PENSAMT (00149D)
			LINSTYPE (00154C) MINSTYPE (00164C) TVPAYAMT (00171G)
			DILEXP (00183) GASBBS (00190) GASACC (00192)
			ELECBBS (00200) ELECACC (00202) OWNVTAX (00206D)
			OWNVINS (00206F) OWNVNOW (00206H) CUVTAX (00217D)
			CUVINS (00217F) CUVNOW (00217H) TELBILAC (00262)
			TVLICFEE (00266) CCARDISC (00269D) STCHGAMT (00270C)
			LOANREP (00275) HPINSTAL (00291) SEDWINUK (00301A)
			BANSCAMT (00312) EDUCFAMT (00345) LEISCAMT (00348)
			DRIVAMT (00348D) OSEDFAMT (00365) NICONTAM (00483)
			SEPALAMT (00595C) INA055 (00843)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:							
00	D10		DQUAL	114	CCARDISC	(00269D)	EMPSTAT	(00385D)	SUBWKSTA	(00407)
00	002A		AREANUMA	025	SERNUMA	(00002B)	LACODEA	(00005D)		
00	003		HHNUMA	025	NOHHATAD	(00018)				
00	004		INTDAT	025	AREANUMA	(00002A)				
00	005		STARTDAT	025	INTDAT	(00004)				
00	005D		LACODEA	025	INA005	(00010)	WTRATPER	(00084B)	WTRATPAY	(00084C)
					WRATEPAY	(00085)	INA055	(00843)		
00	006		PERSN055	055	INA006	(00011)				
00	007		INA002	055	INA004	(00009)	INA006	(00011)	IBENUNIT	(00014)
					INA009	(00015)				
00	009		INA004	055	INA002	(00007)	INA006	(00011)		
00	010		INA005	055	INA002	(00007)	INA006	(00011)	INA007	(00012)
					INA010	(00013)	IBENUNIT	(00014)	INA009	(00015)
00	011		INA006	055	INA002	(00007)	INA004	(00009)	INA009	(00015)
00	012		INA007	055	INA005	(00010)	INA010	(00013)		
00	014		IBENUNIT	055	INA002	(00007)	INA004	(00009)	INA006	(00011)
					INA009	(00015)	ALLTYPE	(00583)		
00	015		INA009	055	INA004	(00009)	INA005	(00010)	INA006	(00011)
					INA007	(00012)				
00	016		INA011	055	NILEXPWK	(00D07)	INA005	(00010)	EMPSTAT	(00385D)
00	017A		OTHHOLIV	025	NOHHATAD	(00018)	NOSHBED	(00029)	NOSHKIT	(00030)
					NOSHLIVR	(00032)	NOSHBATH	(00035)	NOSHGAR	(00036)
					NOSHOTR	(00037)	NOSHUTIL	(00038)		
00	018		NOHHATAD	025	HHNUMA	(00003)	OTHHOLIV	(00017A)		
00	028		INB028	061	CTBAND	(00140)	CTLVBAND	(00140B)		
00	048		RMFORBUS	025	RMPTBUS	(00048A)	RMONLBUS	(00048B)	EMPSTAT	(00385D)
00	048A		RMPTBUS	025	RMFORBUS	(00048)	RMONLBUS	(00048B)		
00	052		INB052	061	CTBAND	(00140)	CTLVBAND	(00140B)		
00	060B		LTRESYRS	025	LTRESMTH	(00060C)				
00	060C		LTRESMTH	025	LTRESYRS	(00060B)				
00	061		INA121	061	HOWRENTD	(00061B)	MHOWOWN	(00106)		

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
00	061A	RENTOWN	025	HOWRENTD	(0061B)	RENT	(00070)	RENT100R	(00070B)
				MHOWOWN	(00106)				
00	061B	HOWRENTD	025	INA110	(00066)				
00	066	INA110	025	EMPSTAT	(00385D)				
00	070	RENT	025	LACODEA	(00005D)	RENT100R	(00070B)	CTCWCIRT	(00070F)
				CTIRTAM	(00070G)	CWCIRTAM	(00070I)	PERC070	(00071)
				RENTHDAY	(00071A)	RENTREB	(00073)	RRAMT	(00074)
				RENTBAR	(00077)	RENTINSV	(00077A)	SERVINC1	(00078A)
00	070B	RENT100R	025	RENTREB	(00073)				
00	070F	CTCWCIRT	025	LACODEA	(00005D)	CTIRTAM	(00070G)	CTIRTDK	(00070H)
				CWCIRTAM	(00070I)	CWCIRTDK	(00070J)		
00	070H	CTIRTDK	025	CTIRTAM	(00070G)				
00	070J	CWCIRTDK	025	CWCIRTAM	(00070I)				
00	071A	RENTHDAY	025	HOWRENTD	(00061B)	RENTHOL	(00072)		
00	073	RENTREB	025	RRAMT	(00074)	RRAMTDK	(00074A)	PERC074	(00075)
				RRRETMET	(00076)	RENTBAR	(00077)		
00	074A	RRAMTDK	025	RRAMT	(00074)				
00	075A	RRREBCOV	025	RENTOWN	(00061A)	INA173	(00079)		
00	077A	RENTINSV	025	SERVINC1	(00078A)	SERVINDK	(00078B)		
00	078B	SERVINDK	025	SERVINC1	(00078A)				
00	078C	WSINRENT	025	WSINRPAY	(00078E)	WSINRPER	(00078F)		
00	078D	MAINSWAT	025	LACODEA	(00005D)	RENTOWN	(00061A)	WSINRENT	(00078C)
				WSINRPAY	(00078E)	WSINRPER	(00078F)		
00	079	INA173	025	LACODEA	(00005D)	RENTOWN	(00061A)	RRREBCOV	(00075A)
				RATES	(00080)	RATESPAY	(00081)	RATESPER	(00082)
				INA140	(00090)	DEDRRFLP	(00091)	RRDEDAMT	(00092)
				RRDDAMDK	(00092A)	PERC092	(00093)	RATESBAR	(00094)
				RATESLSR	(00095)	RALSRAMT	(00096)	RLSRAMDK	(00096A)
00	080	RATES	025	RATESPAY	(00081)	RATESPER	(00082)		
00	081	RATESPAY	025	NRV	(00373)				
00	083	MAINSEW	025	LACODEA	(00005D)	RENTOWN	(00061A)		

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 084	WRATSC	025	LACODEA (00005D) RENTOWN (00061A) MAINSEW (00083) WTRATPER (00084B) WTRATPAY (00084C) SWRATPER (00084D) SWRATPAY (00084E)
00 086	WRATEPER	025	LACODEA (00005D) MAINSEW (00083) WSRATSC (00084A) WRATEPAY (00085) WRATEPD (00087)
00 087	WRATEPD	025	WRATEPAY (00085)
00 088A	CWCPER	025	LACODEA (00005D) MAINSEW (00083) CWCPAY (00088B) INA055 (00843)
00 090	INA140	025	DEDRRFLP (00091) RRDEDAMT (00092)
00 091	DEDRRFLP	025	RENTOWN (00061A) RRREBCOV (00075A) RRDEDAMT (00092) RRDDAMDK (00092A) PERC092 (00093) RATESBAR (00094)
00 092	RRDEDAMT	025	RRAMT (00074)
00 092A	RRDDAMDK	025	RRDEDAMT (00092)
00 093	PERC092	025	RATESPER (00082)
00 095	RATESLSR	025	RALSRAMT (00096) RLSRAMDK (00096A)
00 096	RALSRAMT	025	RRAMT (00074)
00 096A	RLSRAMDK	025	RALSRAMT (00096)
00 104A	OTHPAY	025	RENTOWN (00061A) HOWRENTD (00061B) OTHPYAM1 (00104D) OTHPYAM2 (00104E) PERC104D (00104G) PERC104E (00104H)
00 104D	OTHPYAM1	025	PERC104D (00104G)
00 104E	OTHPYAM2	025	PERC104E (00104H)
00 106	MHOWOWN	025	MHOWBUY (00106A) MORIGBOR (00107) MBOUACQ (00107A) MYEARBUY (00108) MPURPRIC (00108A) MBUYMLOA (00109)
00 106A	MHOWBUY	025	MORIGBOR (00107) MBOUACQ (00107A) MYEARBUY (00108) MPURPRIC (00108A)
00 107	MORIGBOR	025	MYEARBUY (00108) MPURPRIC (00108A) MREMTOP (00109A) MAMTOPAY (00117B)
00 107A	MBOUACQ	025	MHOWOWN (00106) MORIGBOR (00107) MYEARBUY (00108) MPURPRIC (00108A) LOANCODE (00272B)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 109	MBUYMLOA	025	MREMTOP (00109A) INA119 (00117) MLOWRATE (00117A) MAMTOPAY (00117B) MAMTPYDK (00117C) MORTTYPE (00118) MORINPAY (00119) INTPRPAY (00125) INA133 (00129A) MLTRUNDK (00129B) INA163 (00130) SCINMORT (00147A) LOANCODE (00272B)
00 117C	MAMTPYDK	025	MAMTOPAY (00117B)
00 118	MORTTYPE	025	MORINPAY (00119) MORINPD (00119A) INTPRPAY (00125) INTPRPD (00125A)
00 119	MORINPAY	025	PERC119 (00120) MENPOL (00121)
00 119A	MORINPD	025	MORINPAY (00119)
00 123A	MENSTYR	068	LINSTYR (00154C) LINSSTYR (00154D)
00 125	INTPRPAY	025	PERC125 (00126) INTL12M (00127) INL12MDK (00127A)
00 125A	INTPRPD	025	INTPRPAY (00125)
00 127	INTL12M	025	INTPRPAY (00125) INA158 (00128) INA159 (00129)
00 127A	INL12MDK	025	INTL12M (00127)
00 129	INA159	025	INA158 (00128)
00 129B	MLTRUNDK	025	INA133 (00129A)
00 130	INA163	025	MORTPROT (00133)
00 133	MORTPROT	025	INCOMP (00134) INCOMPAMT (00135) PERC135 (00136) INCMSTYR (00137)
00 137B	STRTYPE	025	STRAMT (00137C) PERC137C (00137D) STRUCVAL (00137E) FCPPVAL (00137F) STRAMDK (00137G) PER137DK (00137H) SCPTYPE (00139E)
00 137G	STRAMDK	025	STRAMT (00137C)
00 137H	PER137DK	025	PERC137C (00137D)
00 139	PERSN070	070	INA005 (00010)
00 139E	SCPTYPE	070	SCPPAMT (00139C) PERC139C (001390) PER139DK (00139G) ACCOMVAL (00146) CONTVAL (00147)
00 139F	SCPPAMDK	070	SCPPAMT (00139C)
00 139G	PER139DK	070	PERC139C (00139D)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 140	CTBAND	025	LACODEA (00005D) CTBANDDK (00140A) CTLVBAND (001408) CTAM (00141) CTAMNIL (00141A) CTEX100R (00141B) CTAMPER (00141C) CTDISC (00141D) CT25D50D (00141E) CTREB (00142) CTREBAM (00142A) CTREBDK (00142B) PERC142A (00142C) CTRED (00142D) CTREDAM (00142E) CTREDDK (00142F) PERC142E (00142G) INA055 (00843)
00 140A	CTBANDDK	025	CTBAND (00140)
00 141	CTAM	025	CTAMNIL (00141A) CTEX100R (00141B) CTAMPER (00141C) CTDISC (00141D)
00 141A	CTAMNIL	025	CTAM (00141) CTEX100R (00141B) CTAMPER (00141C) CTDISC (00141D)
00 141B	CTEX100R	025	LACODEA (00005D) INA005 (00010) CT25D50D (00141E) CTREBAM (00142A) CTREBDK (00142B) INA229 (00537) INA055 (00843)
00 141D	CTDISC	025	CT25D50D (00141E) CTREB (00142) CTRED (00142D)
00 142	CTREB	025	CTREBAM (00142A) CTREBDK (00142B) PERC142A (00142C)
00 142B	CTREBDK	025	CTREBAM (00142A)
00 142C	PERC142A	025	CTREBDK (00142B)
00 142D	CTRED	025	CTREDAM (00142E) CTREDDK (00142F) PERC142E (00142G)
00 142F	CTREDDK	025	CTREDAM (00142E)
00 142G	PERC142E	025	CTREDDK (00142F)
00 147A	SCINMORT	025	STRTYPE (00137B)
00 149	PERSN069	069	INA005 (00010)
00 149E	PENSBJ88	069	PENSAJBB (00149F) PENSLRNI (00149G) LINSTYPE (00154C) LINSSTYR (00154D)
00 154A	PERSN071	071	INA005 (00010)
00 163	INB163	061	DRIVAMT (00348D)
00 164A	PERSN072	072	INA005 (00010)
00 171B	PERSN073	073	INA005 (00010)
00 171F	TVHOWPAY	073	TVPAYAMT (00171G) PERC171G (00171H)
00 174	CHILDADT	062	INA005 (00010)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00	180E	CHEATING	025 CHTYPE (00180F)
00	180F	CHTYPE	025 CHEATING (00180E) OILPURCH (00182)
00	182	OILPURCH	025 OILEXP (00183)
00	185	GAS	025 INA128 (00186)
00	186	INA128	025 GASSM (00187) GASBBS (00190) PERC190 (00191)
			GASCHAR (00191A) PERC19A (00191B) GASACC (00192)
			PERC192 (00193)
00	187	GASSM	025 GASSMREB (00188) PERC188 (00189)
00	194	INB194	061 TVPAYAMT (00171G)
00	196	INA130	025 LACODEA (00005D) ELECSM (00197) ELECBBS (00200)
			PERC200 (00201) ELECCHAR (00201A) PERC201A (00201B)
			ELECACC (00202) PERC202 (00203)
00	197	ELECSM	025 ELECMREB (00198) PERC198 (00199)
00	200	ELECBBS	025 INA130 (00196) ELECCHAR (00201A)
00	201A	ELECCHAR	025 INA130 (00196) ELECBBS (00200)
00	206	PERSN074	074 INA005 (00010)
00	206D	OWNVTAX	074 OWNVTXNL (00206E) OWNVINS (00206F) BUSEXPEN (00435)
00	206E	OWNVTXNL	074 OWNVTAX (00206D)
00	206F	OWNVINS	074 OWNVTAX (00206D) OWNVINNL (00206G) BUSEXPEN (00435)
00	206G	OWNVINNL	074 OWNVINS (00206F)
00	206I	OWNCPETP	074 OWNVTYPE (00206C) OWNVNOW (00206H) EMPSTAT (00385D)
			SUBWKSTA (00407)
00	214	CARPROV	075 CARCCSAP (00214E) CARFUEL (00214F) CUVTYPE (00217C)
			CUVNOW (00217H) EMPSTAT (00385D)
00	214G	CUCPETP	075 CUVTYPE (00217C) CUVNOW (00217H) EMPSTAT (00385D)
			SUBWKSTA (00407)
00	217	PERSN075	075 INA005 (00010)
00	217	CUVTAX	075 CUVTAXNL (00217E) CUVINS (00217F) BUSEXPEN (00435)
00	217E	CUVTAXNL	075 CUVTAX (00217D)
00	217F	CUVINS	075 CUVTAX (00217D) CUVINSNL (00217G) BUSEXPEN (00435)
00	217G	CUVINSNL	075 CUVINS (00217F)



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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00	226	PERSN076	076 INA005 (00010)
00	227A	CPHOWPAY	076 INTDAT (00004) CPTYPE (00227) NOCARP (00228)
			CARPAMT (00230) CARPTINS (00230A) CPPARTEX (00234A)
			LOANCODE (00272B) LITEMPUR (00277) LCASHP (00279)
			LOANDAT (00282) HPITEMA (00288)
00	230	CARPAMT	076 CARPTINS (00230A) CPCTAXAM (00232) CPINSAMT (00234)
			CPPARTEX (00234A) CPPARAMT (00235)
00	230A	CARPTINS	076 CPCTAXAM (00232) CPINSAMT (00234)
00	234A	CPPARTEX	076 CPPARAMT (00235)
00	235	CPPARAMT	076 CRECAMT (00239)
00	235A	PERSN095	095 INA005 (00010)
00	238	INB238	061 STCHGAMT (00270C)
00	240A	PERSN084	084 INA005 (00010)
00	245A	PERSN085	085 INA005 (00010)
00	246A	PERSN035	035 SEDWINUK (00301A)
00	246G	DWCHHPY	035 DWCHINST (00246J) LITEMPUR (00277) HPITEMA (00288)
00	246H	DWCHBUS	035 DWCHBAMT (00246I)
00	246I	DWCHBAMT	035 DWCHCON (00246E) DWCHBUS (00246H)
00	247A	PERSN036	036 CHEATING (00180E)
00	247F	DCHRHPY	036 INTDAT (00004) DCHRINST (00247I) LITEMPUR (00277)
			LOANDAT (00282) HPITEMA (00288)
00	247G	DCHRBUS	036 DHRBAMT (00247H)
00	247H	DHRBAMT	036 DHRCON (00247D) DCHRBUS (00247G)
00	248F	DEXTHPY	037 INTDAT (00004) DEXTINST (00248I) LITEMPUR (00277)
			LOANDAT (00282) HPITEMA (00288)
00	248G	DEXTBUS	037 DEXTBAMT (00248H)
00	248H	DEXTBAMT	037 DEXTCON (00248D) DEXTBUS (00248G)
00	249F	DMNTHPY	038 INTDAT (00004) DMNTINST (00249I) LITEMPUR (00277)
			LOANDAT (00282) HPITEMA (00288)
00	249G	DMNTBUS	038 DMNTBAMT (00249H)
00	249H	DMNTBAMT	038 DMNTCON (002490) DMNTBUS (00249G)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 249J	DMNTRFIN	038	DMNTRFAM (00249K) DMNTRCIN (00249L) DMNTRCAM (00249M)
00 249K	DMNTRFAM	038	DMNTCON (00249D) DMNTBAMT (00249H)
00 249L	DMNTRCIN	038	DMNTRCAM (00249M)
00 249M	DMNTRCAM	038	DMNTCON (00249D) DMNTBAMT (00249H)
00 250A	PERSN039	039	INA005 (00010)
00 250D	FEESMDS	039	FEESPSSM (00250J) SEDWINUK (00301A)
00 250G	FEESBUS	039	FEESBAM (00250H)
00 250H	FEESBAM	039	FEESAM (00250E) FEESBUS (00250G)
00 250M	PERSN040	040	INA005 (00010)
00 250P	FURNBUS	040	FURNBAM (00250Q)
00 250Q	FURNBAM	040	FURNPAID (002500) FURNBUS (00250P)
00 251	FURNITRE	025	FURNAM (00251A) FURNHWPY (00251B)
00 251A	FURNAM	025	FURNITRE (00251)
00 251B	FURNHWPY	025	INTDAT (00004) FURNINST (00251C) LITEMPUR (00277)
			LOANDAT (00282) HPITEMA (00288)
00 252	CARPETS	025	CPETAM (00252A) CPETHWPY (00252B)
00 252A	CPETAM	025	CARPETS (00252)
00 252B	CPETHWPY	025	INTDAT (00004) CPETINST (00252C) LITEMPUR (00277)
			LOANDAT (00282) HPITEMA (00288)
00 253	HOLPAID	025	HLPACK (00253C) HLHOTEL (00255C) HLSELFCT (00256D)
00 253E	PERSN104	104	INA005 (00010)
00 254B	HLPKAMT	104	HLPKAMT (00254B) HLPKAMNL (00254C) HLPDEPBL (00254G)
			HLPINS (00254H) HLPADRAT (00254L) HLPADNIL (00254M)
			HLPADAM (00254N) HLPCHRAT (00254O) HLPCHNIL (00254P)
			HLPCHAM (00254Q)
00 254C	HLPKAMNL	104	HLPKAMT (00254B)
00 254H	HLPINS	104	HLPINSAM (00254J) HLPINSDK (00254K)
00 254J	HLPINSAM	104	HLPSIPAM (00254S)
00 254K	HLPINSDK	104	HLPINSAM (00254J)
00 254M	HLPADNIL	104	HLPADRAT (00254L)
00 254P	HLPCHNIL	104	HLPCHRAT (00254O)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:					
00	254R		HLPSIP	104	HLPSIPAM	(00254S)		
00	254S		HLPSIPAM	104	HLPSIP	(00254R)		
00	255A		HLHBAMT	105	HLHBAMNL	(00255F)		
00	255D		PERSN105	105	INA005	(00010)		
00	255F		HLHBAMNL	105	HLHBAMT	(00255A)		
00	256A		HLSCCAMT	106	HLSCAMNL	(00256B)		
00	256B		HLSCAMNL	106	HLSCCAMT	(00256A)		
00	256E		PERSN106	106	INA005	(00010)		
00	258A		TELACBBO	025	TELBILPY	(00258B)	TELOSCON	(00261) TELSHAMT (00261A)
					TELBILAC	(00262)	PERC262	(00262A) TELBILB (00263)
					PERC263	(00263A)	TELCHAR	(00264) PERC264 (00264A)
00	258B		TELBILPY	025	INA102	(00258)	TELACBBO	(00258A) TELOSCON (00261)
00	261		TELOSCON	025	TELSHAMT	(00261A)	PERC261A	(00261B)
00	261A		TELSHAMT	025	TELACBBO	(00258A)	TELBILAC	(00262) TELBILB (00263)
					TELCHAR	(00264)		
00	262		TELBILAC	025	TELOSCON	(00261)	TELSHAMT	(00261A)
00	263		TELBILB	025	TELOSCON	(00261)	TELSHAMT	(00261A) TELCHAR (00264)
00	264		TELCHAR	025	TELOSCON	(00261)	TELSHAMT	(00261A) TELBILB (00263)
00	266		TVLICFEE	025	TVLICNIL	(00266A)		
00	266A		TVLICNIL	025	TVLICFEE	(00266)		
00	269D		CCARDISC	025	STCHARGE	(00270)		
00	270A		PERSN090	090	INA005	(00010)		
00	270C		STCHGAMT	090	STCHGDK	(00270D)		
00	270D		STCHGDK	090	STCHGAMT	(00270C)		
00	272		PERSN077	077	INA005	(00010)		
00	274		LOANAMT	077	LOANREP	(00275)	LCASHP	(00279) LPARTEX (00280)
					LOANDEP	(00281)		

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 277	LITEMPUR	077	INTDAT (00004) CPTYPE (00227) CPHOWPAY (00227A) NOCARP (00228) CARPAMT (00230) STAMT (00245D) STMODE (00245E) DWCHHWPY (00246G) DWCHINST (00246J) DCHRHWPY (00247F) DCHRINST (00247I) DEXTHWPY (00248F) DEXTINST (00248I) DMNTHWPY (00249F) DMNTINST (00249I) FEESAM (00250E) FURNPAID (00250O) FURNHWPY (00251B) FURNINST (00251C) CPETHWPY (00252B) CPETINST (00252C) HLPKWHER (00254A) HLPKAMT (00254B) HLHBWHER (00255) HLHBAMT (00255A) HLSCWHER (00256) HLSCCAMT (00256A) LOANCODE (00272B) LNDITEM (00278) LCASHP (00279) LOANDAT (00282) SEDWINUK (00301A)
00 280	LPARTEX	077	LCASHP (00279)
00 281	LOANDEP	077	LCASHP (00279)
00 282	LOANDAT	077	INTDAT (00004)
00 283	LOANDHSS	077	LOANCODE (00272B)
00 284	HIREPURC	025	HPINSTNP (00284A) HPINSTAL (00291)
00 287	PERSN078	078	INA005 (00010)
00 288	HPITEMA	078	CARPAMT (00230) DWCHHWPY (00246G) DWCHINST (00246J) DCHRHWPY (00247F) DCHRINST (00247I) DEXTHWPY (00248F) DEXTINST (00248I) DWNTHWPY (00249F) DMNTINST (00249I) FURNHWPY (00251B) FURNINST (00251C) CPETHWPY (00252B) CPETINST (00252C) HPNEWOLD (00289) HPCASHPR (00290)
00 288A	INA288	062	CARFUEL (00214F)
00 290	HPCASHPR	078	HPINSTAL (00291) HPPARTEX (00294) HPDEPOS (00295)
00 291	HPINSTAL	078	PERC291 (00292) HPDEPOS (00295)
00 293	HPDAT	078	INTDAT (00004)
00 294	HPPARTEX	078	HPCASHPR (00290)
00 295	HPDEPOS	078	HPCASHPR (00290)
00 300C	PERSN080	080	INA005 (00010) CLUB (00285)
00 300F	CLUBDAT	080	INTDAT (00004)
00 300H	CLUBIPUT	080	FURNHWPY (00251B) CPETHWPY (00252B)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00	301	SECDWELL	025 SEDWINUK (00301A)
00	301A	SEDWINUK	025 ITEM035 (00246B) ITEM036 (00247B) ITEM037 (00248B)
			ITEM038 (00249B)
00	309A	PERSN081	081 INA005 (00010) BANKSERC (00310)
00	310	BANKSERC	081 BANSCDK (00311) BANSCAMT (00312)
00	311	BANSCDK	081 BANSCAMT (00312)
00	312	BANSCAMT	081 BSCBUSP (00313)
00	313	BSCBUSP	081 BSCBUSPR (00315)
00	316A	PERSN082	082 INA005 (00010)
00	318	BSTORPUR	082 PCCAM (00C205) LACODEA (00005D) RENT (00070)
			WSINRPAY (00078E) RATESPAY (00081) WTRATPAY (00084C)
			SWRATPAY (00084E) WRATEPAY (00085) CWCPAY (00088B)
			OTHPAYAM1 (00104D) OTHPYAM2 (00104E) MORINPAY (00119)
			INCININT (00124) INTPRPAY (00125) INCOMP (00134)
			INCOMPAMT (00135) SCPPAMT (00139C) SCPTYPE (00139E)
			CTAM (00141) PENSAMT (00149D) LINSTYPE (00154C)
			MINSTYPE (00164C) TVPAYAMT (00171G) OILEXP (00183)
			GASBBS (00190) GASACC (00192) ELECBBS (00200)
			ELECACC (00202) OWNVINS (00206F) OWNVNOW (00206H)
			CUVINS (00217F) CUVNOW (00217H) DCHRON (00247D)
			TELBILAC (00262) TELBILB (00263) TVLICFEE (00266)
			CCARDISC (00269D) LOANREP (00275) HPINSTAL (00291)
			SEDWINUK (00301A) EDUCFAMT (00345) LEISCAMT (00348)
			DSPERSNO (00351) OSEDFAMT (00365) NICONTAM (00483)
			SEPALAMT (00595C) INA055 (00843)
00	319S	INB319	062 SUBONEAM (00458A) SUBONETY (00458B) SUBTWOAM (00458C)
			SUBTWOTY (00458D)
00	321A	PERSN092	092 INA005 (00010)
00	322B	PERSN093	093 INA005 (00012)
00	324A	PERSN094	094 INA005 (00010) INA007 (00012) SMFREE (00324C)
00	324C	SMFREE	094 SMPAIDLW (00328) SMPDAMT (00329)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00	328	SMPAIDLW	094 SMPDAMT (00329) SMNOPDLW (00330)
00	331A	PERSN096	096 INA005 (00010) INA007 (00012) SCTRFFREE (00331B)
00	331B	SCTRFFREE	096 STPAIDLW (00331C) STPAYM (00333)
00	331C	STPAIDLW	096 STPAYM (00333) STDAYCOV (0033A)
00	337	GRANTSOU	083 GRAVEXFE (00338) GRAVEXDK (00338A) GRAVINCF (00339)
00	338A	GRAVEXDK	083 GRAVEXFE (00338)
00	341	GRANTDIR	083 GRAVEXFE (00338) GRAVINCF (00339) GRANTDNL (00341A)
00	341A	GRANTDNL	083 GRANTDIR (00341)
00	342A	TSLOAN	025 INA055 (00843)
00	342B	PERSN079	079 INA005 (00010)
00	342D	TSLAMTBW	079 TSLENTBW (00342C)
00	348B	PERSN100	100 INA005 (00010)
00	359A	INB359	062 GRANTDIR (00341)
00	373	NRV	025 LACODEA (00005D)
00	382	AREANUMB	056 AREANUMA (00002A)
00	383	SERNUMB	056 SERNUMA (00002B)
00	384	HHNUMB	056 HHNUMA (00003)
00	385	PERSN056	056 INA005 (00010)
00	385A	GOVTPROG	056 INA005 (00010) PROGTYPE (00385B) PROGWORK (00385C)
			GOVTRSCH (00516A) INA246 (00517) INA273 (00521)
00	385B	PROGTYPE	056 LACODEA (00005D) GOVTPROG (00385A) INA055 (00843)
00	385C	PROGWORK	056 GOVTPROG (00385A) EMPSTAT (00385D)
00	385D	EMPSTAT	056 INTDAT (00004) WKSWEMP (00387) ATWORK (00388A)
			DATLSTWK (00393A) WKSUNEM (00394) RETL12M (00394A)
			OCCUP91 (00403) INA276 (00404) WORKSTAT (00405)
			SUPERVIS (00405A) SIZEEST (00405B) SEEMPLOY (00405C)
			MTONEJOB (00405D) INA277 (00406) SUBWKSTA (00407)
			DIRECTOR (00407A) SUBWKST2 (00407B) PAYDAT (00408)
			SUBDAT (00453) SUBSIDPY (00454) PERC454 (00455)
			SUBTAXAM (00456A) SUBTAXNL (00456B) SUBNIAM (00457A)
			SUBNINL (00457B) SUBSGROS (00461) SUBDUCTS (00463)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 387	WKSWEMP	056	EMPSTAT (00385D)
00 388A	ATWORK	056	EMPSTAT (00385D) AWLS3DAY (00389)
00 389	AWLS3DAY	056	ATWORK (00388A) INA207 (00390) INA209 (00391) NOWKSAW (00392)
00 390	INA207	056	AWLS3DAY (00389)
00 391	INA209	056	AWLS3DAY (00389)
00 392	NOWKSAW	056	AWLS3DAY (00389)
00 394	WKSUNEM	056	INTDAT (00004) EMPSTAT (00385D) DATLSTWK (00393A)
00 394	RETL12M	056	EMPSTAT (00385D) RETEARN (00396)
00 396	RETEARN	056	RETL12M (00394A)
00 397	INA217	056	INA004 (00009) INA005 (00010) EMPSTAT (00385D) REGWORK (00399)
00 398	INA221	056	INA004 (00009) INA005 (00010) EMPSTAT (00385D)
00 399	REGWORK	056	INA217 (00397) REGWKS (00399A) REGPAY (00400) PERC400 (00401)
00 399A	REGWKS	056	REGWORK (00399)
00 400	REGPAY	056	REGWORK (00399)
00 401	PERC400	056	REGWORK (00399)
00 403	OCCUP91	056	EMPSTAT (00385D) DATLSTWK (00393A)
00 405	WORKSTAT	056	INTDAT (00004) EMPSTAT (00385D) DATLSTWK (00393A) INA276 (00404) SUPERVIS (00405A) SIZEEST (00405B) SEEMPLOY (00405C) MTONEJOB (00405D) SUBWKSTA (00407) SUBWKST2 (00407B) PAYDAT (00408) SEPROFIT (00464) SENILPRO (00464A) SELOSS (00470A) SEPRLODK (00470B) SEPARTNR (00474) SEHOURS (00476) SETAX (00476A) SESUBINC (00477) SEREGS (00477B)
00 405A	SUPERVIS	056	WORKSTAT (00405)
00 405B	SIZEEST	056	WORKSTAT (00405)
00 405C	SEEMPLOY	056	WORKSTAT (00405)
00 405D	MTONEJOB	056	WORKSTAT (00405) SUBWKSTA (00407) SUBWKST2 (00407B)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 407	SUBWKSTA	056	MTONEJOB (00405D) INA277 (00406) SUBWKST2 (00407B) SUBDAT (00453)
00 407B	SUBWKST2	056	DIRECTOR (00407A)
00 408	PAYDAT	056	INTDAT (00004) WORKSTAT (00405) PAYDAT (00408) ANTICPAY (00408A) PAYAMT (00409)
00 408A	ANTICPAY	056	INTDAT (00004) PAYDAT (00408)
00 409	PAYAMT	056	INTDAT (00004) PAYDAT (00408) PERC409 (00410) TAXREF (00411) TAX (00412) NOTAX (00412A) NINO (00414) NONINO (00414A) DEDUCTS (00414C) GROSSPAY (00418) INA220 (00419) INA244 (00420) PAYAFSMP (00422) BONUSES (00430) DEDCH (00438)
00 410	PERC409	056	PAYAMT (00409)
00 411	TAXREF	056	PAYAMT (00409) TAXREFAM (00411A)
00 411A	TAXREFAM	056	TAXREF (00411)
00 412	TAX	056	PAYAMT (00409) NOTAX (00412A)
00 412A	NOTAX	056	TAX (00412)
00 414	NINO	056	PAYAMT (00409) NONINO (00414A)
00 414A	NONINO	056	NINO (00414)
00 414C	DEDUCTS	056	PAYAMT (00409) DEDSUP (00415A) DEDSUPAM (00415B) DEDUF (00415C) DEDUFAMT (00415D) DEDSC (00415G) DEDSCAMT (00415H) DEDOTH (00416A) DEDONEAM (00416B) DEDTWOAM (00416E) DEDTHRAM (00416H) DEDFORAM (00416J)
00 415A	DEDSUP	056	DEDSUPAM (00415B)
00 415A	DEDSUPAM	056	DEDSUP (00415A) DEDONETY (00416C) DEDTWOTY (00416F) DEDTHRTY (00416I) DEDFORTY (00416K)
00 415C	DEDUF	056	DEDUFAMT (00415D)
00 415D	DEDUFAMT	056	DEDUF (00415C)
00 415G	DEDSC	056	DEDSCAMT (00415H)
00 415H	DEDSCAMT	056	DEDSC (00415G)



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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 416A	DEDOTH	056	DEDONEAM (00416B) DEDONETY (00416C) DEDTWOAM (00416E) DEDTWOTY (00416F) DEDTHRAM (00416H) DEDTHRTY (00416I) DEDFORAM (00416J) DEDFORTY (00416K)
00 416B	DEDOONEAM	056	DEDONETY (00416C)
00 416C	DEDONETY	056	INCININT (00124) PENSAMT (00149D) LINSTYPE (00154C) MINSTYPE (00164C) MINSAMT (00164E) STMODE (00245E) LOANREP (00275) DEDONEAM (00416B) DEDTWOAM (00416E) DEDTWOTY (00416F) DEDTHRAM (00416H) DEDTHRTY (00416I) DEDFORAM (00416J) DEDFORTY (00416K)
00 416E	DEDTWOAM	056	DEDTWOTY (00416F)
00 416H	DEDTHRAM	056	DEDTHRTY (00416I)
00 416J	DEDFORAM	056	DEDFORTY (00416K)
00 418	GROSSPAY	056	PAYAMT (00409) TAXREFAM (00411A) TAX (00412) NINO (00414) DEDSUPAM (00415B) DEDUFAMT (00415D) DEDSCAMT (00415H) DEDONEAM (00416B) DEDTWOAM (00416E) DEDTHRAM (00416H) DEDFORAM (00416J) USGROPAY (00428) DCHTFSSAM (00438B) DCHOCSSAM (00438E) SUBSGROS (00461) SEPROFIT (00464) SESUBINC (00477)
00 418B	MALINPAY	056	INTDAT (00004) EMPSTAT (00385D) DATLSTWK (00393A) WORKSTAT (00405) HHOTHINC (00418F) LV (00434A) MILEALL (00440) MOTEXREC (00440A) TAXRELAL (00441A) FREEMEAL (00445A)
00 418F	HHOTHINC	056	BUSREF (00363A) MALINPAY (00418B) BUSEINC (00418G) BUSEINC2 (00418H)
00 419	INA220	056	PAYAMT (00409)
00 420	INA244	056	INA220 (00419)
00 422	PAYAFSMP	056	PAYAMT (00409) SSP (00500G) SMP (00543A)
00 426	INA254	056	PAYAMT (00409) USNETPAY (00427) USGROPAY (00428) PERC428 (00429) MALLUSP (00433A)
00 427	USNETPAY	056	PAYAMT (00409) INA254 (00426)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 428	USGROPAY	056	INA254 (00426) USNETPAY (00427) SUBSGROS (00461) SEPROFIT (00464) SESUBINC (00477)
00 429	PERC428	056	INA254 (00426)
00 430	BONUSES	056	PAYAMT (00409) BONUSAM (00430A) BOBATAX (00430B) BONUSAM2 (00430C) BOBATAX2 (00430D) BONUSAM3 (00430E) BOBATAX3 (00430F) BONINTHP (00430G)
00 430A	BONUSAM1	056	BOBATAX1 (00430B)
00 430C	BONUSAM2	056	BOBATAX2 (00430D)
00 430E	BONUSAM3	056	BOBATAX3 (00430F)
00 430G	BONINTHP	056	BONINAM (00430H)
00 430H	BONINAM	056	BONUSAM1 (00430A) BONUSAM2 (00430C) BONUSAM3 (00430E) BONINTHP (00430G)
00 432A	BONUSPAY	056	INA254 (00426) BONUSES (00430) BONINUSP (00433)
00 433	BONINUSP	056	USNETPAY (00427) BONUSAM1 (00430A) BONUSAM2 (00430C) BONUSAM3 (00430E) BONINAM (00430H) BONUSPAY (00432A)
00 433A	MALLUSP	056	INA254 (00426) MALLINNP (00441)
00 434A	LV	056	MALINPAY (00418B) LVUSED (00434B) LVTOTAL (00434C)
00 434B	LVUSED	056	LV (00434A) LVTOTVAL (00434C)
00 434C	LVTOTVAL	056	LVUSED (00434B)
00 435	BUSEXPEN	103	MORTTYPE (00118) MORINPAY (00119) INTPRPAY (00125) INTL12M (00127) OWNVTYPE (00206C) OWNVTAX (00206D) OWNVINS (00206F) CUVTYPE (00217C) CUVTAX (00217D) CUVINS (00217F) TELACBBO (00258A) TELSHAMT (00261A) TELBILAC (00262) TELBILB (00263) TELCHAR (00264)
00 435A	PERSN103	103	INTDAT (00004) INA005 (00010) DATLSTWK (00393A) WORKSTAT (00405) SUBWKSTA (00407)
00 438	DEDCH	056	PAYAMT (00409) DEDCHTFS (00438A) DCHTFSAM (00438B) DCHOCSSAM (00438E)
00 438A	DEDCHTFS	056	DEDCH (00438) DCHTFSAM (00438B) DEDCHOCSS (00438D)
00 438B	DCHTFSAM	056	DEDCHTFS (00438A)
00 438D	DEDCHOCSS	056	DEDCHTFS (00438A) DCHOCSSAM (00438E)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:					
00	438E	DCHOC SAM	056	DEDCHTFS	(00438A)	DEDCHOC	(00438D)	
00	440	MILEALL	056	MALINPAY	(00418B)			
00	440A	MOTEXREC	056	MALINPAY	(00418B)	OTHMOTRE	(00442)	
00	441	MALLINNP	056	MALLUSP	(00433A)			
00	441A	TAXRELAL	056	MALINPAY	(00418B)			
00	442	OTHMOTRE	056	MOTEXREC	(00440A)			
00	445A	FREEMEAL	056	MALINPAY	(00418B)	EMPFREEM	(00446)	
00	446	EMPFREEM	056	FREEMEAL	(00445A)			
00	453	SUBDAT	056	INTDAT	(00004)	EMPSTAT	(00385D)	SUBWKSTA (00407)
				SUBWKST2	(00407B)	SUBSIDPY	(00454)	
00	454	SUBSIDPY	056	INTDAT	(00004)	SUBDAT	(00453)	PERC454 (00455)
				SUBTAXAM	(00456A)	SUBTAXNL	(00456B)	SUBNIAM (00457A)
				SUBNINL	(00457B)	SUBSGROS	(00461)	SUBDUCTS (00463)
00	455	PERC454	056	SUBSIDPY	(00454)			
00	456A	SUBTAXAM	056	SUBSIDPY	(00454)	SUBTAXNL	(00456B)	
00	456B	SUBTAXNL	056	SUBTAXAM	(00456A)			
00	457A	SUBNIAM	056	SUBSIDPY	(00454)	SUBNINL	(00457B)	
00	457B	SUBNINL	056	SUBNIAM	(00457A)			
00	458A	SUBONEAM	056	SUBONETY	(00458B)			
00	458C	SUBTWOAM	056	SUBTWOTY	(00458D)			
00	461	SUBSGROS	056	SUBSIDPY	(00454)	SUBTAXAM	(00456A)	SUBNIAM (00457A)
				SUBONEAM	(00458A)	SUBTWOAM	(00458C)	
00	463	SUBDUCTS	056	SUBSIDPY	(00454)	SUBONEAM	(00458A)	SUBONETY (004588)
				SUBTWOAM	(00458C)	SUBTWOTY	(00458D)	
00	464	SEPROFIT	056	INTDAT	(00004)	DATLSTWK	(00393A)	WORKSTAT (00405)
				SUBWKSTA	(00407)	SUBWKST2	(00407B)	SUBSGROS (00461)
				SENILPRO	(00464A)	SELOSS	(00470A)	SEPRLODK (00470B)
				SEPSTDAT	(00470C)	SEPENDAT	(00470D)	SEPWEEKS (00470E)
				SESUBINC	(00477)	SEREGS	(00477B)	
00	464A	SENILPRO	056	SEPROFIT	(00464)	SELOSS	(00470A)	SEPRLODK (00470B)
00	465A	SERSUMDK	056	SEREGSUM	(00465)			

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 465B	SERIMPUT	056	EMPSTAT (00385D) DATLSTWK (00393A) WORKSTAT (00405) SEPROFIT (00464) SEREGSUM (00465)
00 466B	SERENDAT	056	SERSTDAT (00466A) SERWEEKS (00466C)
00 470A	SELOSS	056	SEPROFIT (00464) SENILPRO (00464A) SEPRLODK (004708)
00 470B	SEPRLODK	056	SEPROFIT (00464) SENILPRO (00464A) SELOSS (00470A)
00 470D	SEPENDAT	056	SEPSTDAT (00470C) SEPWEEKS (00470E)
00 474	SEPARTNR	056	SEPROFIT (00464) SELOSS (00470A) SESHINC (00474A) SEPARTSH (00475)
00 474A	SESHINC	056	SEPARTSH (00475)
00 475	SEPARTSH	056	SEPROFIT (00464) SELOSS (00470A)
00 476A	SETAX	056	SETAXAM (00476B)
00 476B	SETAXAM	056	DIRTAXAM (00607)
00 477	SESUBINC	056	INTDAT (00004) EMPSTAT (00385D) DATLSTWK (00393A) WORKSTAT (00405) SUBWKSTA (00407) SUBWKST2 (00407B)
00 477B	SEREGS	056	SEREGSUM (00465) SERSUMDK (00465A) SERIMPUT (00465B) PERC465 (00466) SERSTDAT (00466A) SERENDAT (00466B) SERWEEKS (00466C)
00 478	SEBUSEXP	056	INTDAT (00004) EMPSTAT (00385D) DATLSTWK (00393A) WORKSTAT (00405) SUBWKSTA (00407) SUBWKST2 (00407B) SEBUSEX1 (00478A) SEBUSEX2 (00478B) SEBUSEX3 (00478C) SEBUSEX4 (00478D) SEBUSEX5 (00478E) SEBUSEX6 (00478F) SEBUSEX7 (00478G) SEBUSEX8 (00478H) SEBUSEX9 (00478I) SEBUSE10 (00478J) SEBEPCA1 (00479A) SEBEPCA2 (00479B) SEBEPCA3 (00479C) SEBEPCA4 (00479D) SEBEPCA5 (00479E) SEBEPCAS (00479F) SEBEPCA7 (00479G) SEBEPCA8 (00479H) SEBEPCA9 (00479I) SEBEP10 (00479J)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 478A	SEBUSEX1	056	OWNVTYPE (00206C)    OWNVTAX (00206D)    OWNVINS (00206F) CUVTYPE (00217C)    CUVTAX (00217D)    CUVINS (00217F) CPTYPE (00227)    CARPAMT (00230)    CSOLDTYP (00236A) CRECAMT (00239)    VETXRFAM (00242)    LOANAMT (00274) LOANREP (00275)    LITEMPUR (00277)    LCASHP (00279) LPARTEX (00280)    LOANDEP (00281)    HPITEMA (00288) HPCASHPR (00290)    HPINSTAL (00291)    HPPARTEX (00294) HPDEPOS (00295)    SEBEPICAL (00479A)
00 478B	SEBUSEX2	056	SEBEPICA2 (00479B)
00 478C	SEBUSEX3	056	MORTTYPE (00118)    MORINPAY (00119)    INTPRPAY (00125) SEBEPICA3 (00479C)
00 478D	SEBUSEX4	056	LACODEA (00005D)    SEBEPICA4 (00479D)    INA055 (00843)
00 478E	SEBUSEX5	056	LACODEA (00005D)    WSINRPAY (00078E)    WRATPAY (00084C) SWRATPAY (00084E)    WRATEPAY (00085)    SEBEPICA5 (00479E) INA055 (00843)
00 478F	SEBUSEX6	056	STRTYPE (00137B)    SCPTYPE (00139E)    SEBEPICA6 (00479F)
00 478G	SEBUSEX7	056	INA128 (00186)    SEBEPICA7 (00479G)
00 478H	SEBUSEX8	056	INA130 (00196)    SEBEPICA8 (00479H)
00 478I	SEBUSEX9	056	TELACBBO (00258A)    TELSHAMT (00261A)    TELBILAC (00262) TELBILB (00263)    TELCHAR (00264)    SEBEPICA9 (00479I)
00 478J	SEBUSE10	056	SEBEPIC10 (00479J)
00 482A	NICONT	056	INA004 (00009)    INA005 (00010)    PROGWORK (00385C) EMPSTAT (00385D)    SUBWKSTA (00407)    SUBWKST2 (00407B) NICONTAM (00483)    PERC483 (00484)
00 483	NICONTAM	056	NICONT (00482A)
00 484	PERC483	056	NICONT (00482A)
00 484A	CHILDBEN	056	INA005 (00010)    INA007 (00012)    CHILDBAM (00485) PERC485 (00486)
00 485	CHILDBAM	056	CHILDBEN (00484A)
00 486	PERC485	056	CHILDBEN (00484A)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 487	NIPEN	056	INA004 (00009) INA005 (00010) NIPENAMT (00488) PERC488 (00489) NIPNAPAM (00489C) NIPNMPAM (00489D) NIPNAPIN (00489E) NIPNMPIN (00489F)
00 488	NIPENAMT	056	NIPEN (00487)
00 489	PERC488	056	NIPEN (00487)
00 489H	NIWIDOWS	056	INA004 (00009) INA006 (00011) NIWIDAMT (00490) PERC490 (00491)
00 490	NIWIDAMT	056	NIWIDOWS (00489H)
00 491	PERC490	056	NIWIDOWS (00489H)
00 491G	WARDIS	056	WARDISAM (00492) PERC492 (00493)
00 492	WARDISAM	056	WARDIS (00491G)
00 493	PERC492	056	WARDIS (00491G)
00 493	INDISB	056	INDISBAM (00493B)
00 495A	SEVDISAL	056	SEVDAMT (00495B) PERC495B (00495C)
00 495B	SEVDAMT	056	SEVDISAL (00495A)
00 495C	PERC495B	056	SEVDISAL (00495A)
00 496	INVCAL	056	INVCALAM (00496A)
00 497	DISWAL	056	EMPSTAT (00385D) DISWALAM (00497A) PERC497A (00497B)
00 497A	DISWALAM	056	DISWAL (00497)
00 497B	PERC497A	056	DISWAL (00497)
00 497C	DISLASC	056	INA005 (00010) DISLSCAM (00497D) PERC497D (00497E)
00 497D	DISLSCAM	056	DISLASC (00497C)
00 497E	PERC497D	056	DISLASC (00497C)
00 497F	DISLAMC	056	DISLMCAM (00497G) PERC497G (00497H)
00 497G	DISLMCAM	056	DISLAMC (00497F)
00 497H	PERC497G	056	DISLAMC (00497F)
00 498A	ATTENDNC	056	INA005 (00010) ATTENDAM (00499) PERC499 (00500)
00 499	ATTENDAM	056	ATTENDNC (00498A)
00 500	PERC499	056	ATTENDNC (00498A)
00 500G	SSP	056	INA278 (00501) INA279 (00503)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 501	INA278	056	SSP (00500G) INA224 (00505) INA225 (00508)
			INA258 (00510) INA259 (00513) INA249 (00518)
			INA273 (00521) INA222 (00526) INA223 (00529)
00 503	INA279	056	ATWORK (00388A) INA207 (00390) INA209 (00391)
			SSP (00500G)
00 504	NISICK	056	INA224 (00505) NIBEN (00506) PERC506 (00507)
			INA225 (00508)
00 505	INA224	056	NISICK (00504)
00 506	NIBEN	056	NISICK (00504)
00 507	PERC506	056	NISICK (00504)
00 508	INA225	056	EMPSTAT (00385D) ATWORK (00388A) INA207 (00390)
			INA209 (00391) INA279 (00503) NISICK (00504)
00 509	COMPEN	056	INA258 (00510) CONBREC (00511) PERC511 (00512)
			INA259 (00513)
00 510	INA258	056	COMPEN (00509)
00 511	CONBREC	056	COMPEN (00509)
00 512	PERC511	056	COMPEN (00509)
00 513	INA259	056	INA279 (00503) INA225 (00508) CONPEN (00509)
00 516A	GOVTRSCH	056	INA005 (00010) GOVTPROG (00385A) INA246 (00517)
			INA273 (00521)
00 517	INA246	056	INA005 (00010) GOVTPROG (00385A) PROGTYPE (00385B)
			GOVTRSCH (00516A) INA249 (00518) TRAINBEN (00519)
			PERC519 (00520) INA273 (00521) INA055 (00843)
00 518	INA249	056	INA246 (00517)
00 519	TRAINBEN	056	INA246 (00517)
00 520	PERC519	056	INA246 (00517)
00 521	INA273	056	INA246 (00517)
00 525A	UNEMBEN	056	INA222 (00526) UBPAYAMT (00527) PERC527 (00528)
			INA223 (00529)
00 526	INA222	056	INA249 (00518) UNEMBEN (00525A)
00 527	UBPAYAMT	056	UNEMBEN (00525A)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00	528	PERC527	056 UNEMBEN (00525A)
00	529	INA223	056 INA273 (00521) UNEMBEN (00525A) INA257 (00533)
00	529A	FIS	056 INA256 (00530) FISBEN (00531) PERC531 (00532)
			INA257 (00533)
00	530	INA256	056 FIS (00529A)
00	531	FISBEN	056 FIS (00529A)
00	532	PERC531	056 FIS (00529A)
00	533	INA257	056 EMPSTAT (00385D) FIS (00529A)
00	533A	SUPBEN	056 INA228 (00534) SUPBAMT (00535) PERC535 (00536)
			INA229 (00537)
00	534	INA228	056 SUPBEN (00533A)
00	535	SUPBAMT	056 SUPBEN (00533A)
00	536	PERC535	056 SUPBEN (00533A)
00	537	INA229	056 INA257 (00533) SUPBEN (00533A)
00	537B	MATALL	056 INA004 (00009) INA005 (00010) INA239 (00538)
			MATALAMT (00539) PERC539 (00540) INA240 (00541)
00	538	INA239	056 MATALL (00537B)
00	539	MATALAMT	056 MATALL (00537B)
00	540	PERC539	056 MATALL (00537B)
00	541	INA240	056 MATALL (00537B) SMPBENPR (00543D)
00	541A	MATGRANT	056 INA004 (00009) INA005 (00010) MATGRAMT (00542)
00	542	MATGRAMT	056 MATGRANT (00541A)
00	543A	SMP	056 INA004 (00009) INA005 (00010) SMPWKS (00543B)
			SMPBENPR (00543D) SMPRATE (00543H)
00	543B	SMPWKS	056 SMP (00543A)
00	543D	SMPBENPR	056 EMPSTAT (00385D) SMP (00543A)
00	543H	SMPRATE	056 SMP (00543A)
00	545	OTHBEN	056 INA232 (00546) OTHBENAM (00547) PERC547 (00548)
			INA233 (00549)
00	546	INA232	056 OTHBEN (00545)
00	547	OTHBENAM	056 OTHBEN (00545)



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DAT.REF	VARIABLE	REC.	USES:					
00	548	PERC547	056	OTHBEN	(00545)			
00	549	INA233	056	OTHBEN	(00545)			
00	550	INB394	056	PXMASBON	(00549A)			
00	553	TUSICKPY	056	INA230	(00554)	TUSICBEN	(00555)	PERC555 (00556)
				INA231	(00557)			
00	554	INA230	056	TUSICKPY	(00553)			
00	555	TUSICBEN	056	TUSICKPY	(00553)			
00	556	PERC555	056	TUSICKPY	(00553)			
00	557	INA231	056	TUSICKPY	(00553)			
00	558	REDUNDPY	056	YRSWRKED	(00558E)	MTSWRKED	(00558F)	REDPYAM (00558G)
00	558E	YRSWRKED	056	REDUNDPY	(00558)	MTSWRKED	(00558F)	
00	558F	MTSWRKED	056	YRSWRKED	(00558E)			
00	558G	REDPYAM	056	REDUNDPY	(00558)			
00	565	EMPENS	056	EMPAMT	(00565A)	PERC565A	(00565B)	EMPTAXDS (00565C)
				EMPDEDUC	(00565F)	EMPMTONE	(00565J)	
00	565A	EMPAMT	056	EMPENS	(00565)			
00	565B	PERC565A	056	EMPENS	(00565)			
00	565C	EMPTAXDS	056	EMPENS	(00565)	EMPTAXAM	(00565D)	EMPTAXBA (00565E)
00	565D	EMPTAXAM	056	EMPTAXDS	(00565C)			
00	565E	EMPTAXBA	056	EMPTAXDS	(00565C)			
00	565F	EMPDEDUC	056	EMPENS	(00565)	EMPDEDAM	(00565G)	EMPDEDS (00565H)
				EMPDEDBA	(00565I)			
00	565G	EMPDEDAM	056	EMPDEDUC	(00565F)			
00	565H	EMPDEDS	056	EMPDEDUC	(00565F)			
00	565I	EMPDEDBA	056	EMPDEDUC	(00565F)			
00	565J	EMPMTONE	056	EMPENS	(00565)			
00	566	ANNPPTST	056	APTAMT	(00566A)	PERC566A	(00566B)	APTTAXDS (00566C)
00	566A	APTAMT	056	ANNPPTST	(00566)			
00	566B	PERC566A	056	ANNPPTST	(00566)			
00	566C	APTTAXDS	056	ANNPPTST	(00566)	APTTAXAM	(00566D)	APTTAXBA (00566E)
00	566D	APTTAXAM	056	APTTAXDS	(00566C)			

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
00	566E	APTAXBA	056	APTAXDS	(00566C)				
00	573T	NSBONB	056	INA005	(00010)				
00	574A	NSORDAC	056	NSORDCAP	(00574B)	NSORDINT	(00574C)	NSORDNIL	(00574D)
00	574B	NSORDCAP	056	NSORDAC	(00574A)				
00	574C	NSORDINT	056	NSORDAC	(00574A)	NSORDNIL	(00574D)		
00	574D	NSDORNIL	056	NSORDINT	(00574C)				
00	574E	NSINVAC	056	NSINVCAP	(00574F)	NSINVINT	(00574G)	NSINVNIL	(00574H)
00	574F	NSINVCAP	056	NSINVCAP	(00574E)				
00	574G	NSINVINT	056	NSINVAC	(00574E)				
00	574H	NSINVNIL	056	NSINVINT	(00574G)				
00	574I	TESSAC	056	INA005	(00010)	TESSCAP	(00574J)	TESSINT	(00574K)
				TESSNIL	(00574L)	TESSINV	(00574M)	TESSLIN	(00574N)
00	574J	TESSCAP	056	TESSAC	(00574I)				
00	574K	TESSINT	056	TESSAC	(00574I)	TESSNIL	(00574L)		
00	574L	TESSNIL	056	TESSINT	(00574K)				
00	574M	TESSINV	056	TESSAC	(00574I)	TESSLIN	(00574N)		
00	574N	TESSLIN	056	TESSAC	(00574I)	TESSINV	(00574M)		
00	577A	BABTXAC	056	TAX	(00412)	SUBTAXAM	(00456A)	SETAXAM	(00476B)
				BSBTXINT	(00577B)	BSBTXNIL	(00577C)	DIRTAXAM	(00607)
00	577B	BSBTXINT	056	BSBTXAC	(00577A)	BSBTXNIL	(00577C)		
00	577C	BSBTXNIL	056	BSBTXINT	(00577B)				
00	577D	BSATXAC	056	BSATXINT	(00577E)	BSATXNIL	(00577F)		
00	577E	BSATXINT	056	BSATXAC	(00577D)	BSATXNIL	(00577F)		
00	577F	BSATXNIL	056	BSATXINT	(00577E)				
00	577G	BKBTXAC	056	TAX	(00412)	SUBTAXAM	(00456A)	SETAXAM	(00476B)
				BKBTXINT	(00577H)	BKBTXNIL	(00577I)	DIRTAXAM	(00607)
00	577H	BKBTXINT	056	BKBTXAC	(00577G)	BKBTXNIL	(00577I)		
00	577I	BKBTXNIL	056	BKBTXINT	(00577H)				
00	577J	BKATXAC	056	BKATXINT	(00577K)	BKATXNIL	(00577L)		
00	577K	BKATXINT	056	BKATXAC	(00577J)	BKATXNIL	(00577L)		
00	577L	BKATXNIL	056	BKATXINT	(00577K)				

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DAT.REF	VARIABLE	REC.	USES:						
00	577M	056	OTHBKINT	(00577N)	OTHBKNIL	(00577O)			
00	577N	056	OTHBKAC	(00577M)	OTHBKNIL	(00577O)			
00	577O	056	OTHBKNIL	(00577N)					
00	578A	056	WARLOAN	(00579)	WARNIL	(00581F)			
00	579	056	WARLNT	(00578A)	WARNIL	(00581F)			
00	579A	056	WRLNBINT	(00579B)	WRLNNIL	(00581G)			
00	579B	056	WRLNBINT	(00579A)	WRLNNIL	(00581G)			
00	579C	056	UNTRSTIN	(00580)	UNTRSNIL	(00581H)			
00	580	056	UNTRSTIN	(00579C)	UNTRSNIL	(00581H)			
00	580A	056	STOCKSSH	(00581)	STOSHNIL	(00581J)			
00	581	056	STOSHINT	(00580A)	STOSHNIL	(00581J)			
00	581A	056	STSHBINT	(00581B)	STSHNIL	(00581K)			
00	581B	056	STSHBINT	(00581A)	STSHNIL	(00581K)			
00	581E	056	RENREC	(00582)					
00	581F	056	WARLNT	(00579)					
00	581G	056	WRLNBINT	(00579B)					
00	581H	056	UNTRSTIN	(00580)					
00	581J	056	STOSHINT	(00581)					
00	581K	056	STSHBINT	(00581B)					
00	582	056	RENREC	(00581E)					
00	582A	056	UNEARNIN	(00582B)					
00	582B	056	UNEARNIN	(00582A)					
00	582C	056	ALLOW	(00583)	ALLWHO	(00583A)	ALLREC	(00584)	
				(00585)	ALLPRES	(00585A)			
00	583	056	IBENUNIT	(00014)					
00	585B	056	INA006	(00011)	INA011	(00016)	SPOUALRE	(00586)	
			PERC586	(00587)	SPSALDIR	(00587A)			
00	586	056	SPOUALRE	(00585B)					
00	587	056	PERC586	(00585B)					
00	587A	056	SPSALDIR	(00585B)	SPALDIPD	(00588)	PERC588	(00588A)	
00	588	056	SPALDIPD	(00587A)					

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:					
00	588A	PERC588	056	SPSALDIR	(00587A)			
00	589B	PERSN101	101	INA005	(00010)			
00	591B	PERSN102	102	INA005	(00010)			
00	595A	PERSN109	109	INA005	(00010)			
00	598B	CONBUS	056	LACODEA	(00005D)	INA004	(00009)	INA005 (00010)
				CONBUSTY	(00599)			
00	599	CONBUSTY	056	CONBUS	(00598B)			
00	599A	MAILBABY	056	MLBABAMT	(00601)	INA275	(00602)	
00	601	MLBABAMT	056	MAILBABY	(00599A)			
00	602	INA275	056	MAILBABY	(00599A)			
00	603	ODDJOB	056	OJAMT1	(00603C)	OJAMT2	(00603D)	OJAMT3 (00603E)
				OJAMT4	(00603F)	OJAMT5	(00603G)	
00	606A	DIRTAX	056	DIRTAXAM	(00607)			
00	607	DIRTAXAM	056	DIRTAX	(00606A)			
00	607A	DIRTAXR	056	DIRTXRAM	(00608)	PAYEREF	(00609)	
00	608	DIRTXRAM	056	DIRTAXR	(00607A)			
00	609	PAYEREF	056	DIRTAXR	(00607A)			
00	610A	NIDIRECT	056	DIRNIAM	(00611)			
00	611	DIRNIAM	056	NIDIRECT	(00610A)			
00	613A	CHARITY	056	ABRDAMT	(00614)	ABAMTDK	(00614A)	CHARAMT (00615)
				CHAMTDK	(00615A)			
00	614	ABRDAMT	056	CHARITY	(00613A)	ABAMTDK	(00614A)	
00	614A	ABAMTDK	056	ABRDAMT	(00614)			
00	615	CHARAMT	056	CHARITY	(00613A)	CHAMTDK	(00615A)	
00	615A	CHAMTDK	056	CHARAMT	(00615)			
00	616	CHILDINC	058	CHINCCON	(00616A)	CHINCWKS	(00618)	CHINCAMT (00619)
				PERC619	(00620)	CHINCDIS	(00620A)	
00	616A	CHINCCON	058	CHINCWKS	(00618)			
00	617	PERSN058	058	INA005	(00010)			
00	622	INA114	061	INA111	(00623)	INA112	(00624)	

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 623	INA111	061	TOTBED (00027) TOTKIT (00027A) TOTLIVR (00027B) TOTUTIL (00027D) NOSHBED (00029) NOSHKIT (00030) NOSHLIVR (00032) NOSHUTIL (00038)
00 624	INA112	061	NOSHBED (00029) NOSHKIT (00030) NOSHLIVR (00032) NOSHUTIL (00038)
00 627	WKRRAMT	061	RENTHOL (00072) RRAMT (00074) RRREBCOV (00075A) RRRETMET (00076) RRDEDAMT (00092) RALSRAMT (00096)
00 629	INB010	061	RENT (00070) CTCWCIRT (00070F) CTIRTAM (00070G) CWCIRTAM (00070I) RENTHOL (00072) RENTREB (00073) RRAMT (00074) RRRETMET (00076) RENTBAR (00077) SERVINC1 (00078A) INA173 (00079) RRDEDAMT (00092) RATESBAR (00094) RATESLSR (00095) RALSRAMT (00096)
00 631	INB027	061	RENTHDAY (00071A) RENTHOL (00072) SERVINC1 (00078A)
00 631C	WKRRDED	061	RENTHOL (00072) INA173 (00079) RRDEDAMT (00092)
00 632	INB020	061	RENT (00070) CTCWCIRT (00070F) CTIRTAM (00070G) CWCIRTAM (00070I) RENTHOL (00072) RENTREB (00073) RRAMT (00074) RRRETMET (00076) RENTBAR (00077) SERVINC1 (00078A) INA173 (00079) RRDEDAMT (00092) RATESBAR (00094) RATESLSR (00095) RALSRAMT (00096)
00 633	INB030	061	INA173 (00079) RATESPAY (00081) RRDEDAMT (00092) RATESBAR (00094) RATESLSR (00095) RALSRAMT (00096)
00 634	INB050	061	WSINRENT (00078C) WSINRPAY (00078E) WSRATSC (00084A) WTRATPAY (00084C) SWRATPAY (00084E) WRATEPAY (00085)
00 638	PERSN115	115	INA005 (00010)
00 639	INB060	061	OTHPYAM1 (00104D) OTHPYAM2 (00104E)
00 640	INB130	061	MORTTYPE (00118) MORINPAY (00119) INCININT (00124) INCOMP (00134) STRTYPE (00137B) STRAMT (00137C) STRUCVAL (00137E) FCPPVAL (00137F) SCINMORT (00147A)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 642	INB200	061	MHOWOWN (00106) MORTTYPE (00118) INTPRPAY (00125) INCMP (00134) INCOMPAMT (00135) STRTYPE (00137B) STRAMT (00137C) STRUCVAL (00137E) FCPPVAL (00137F) SCINMORT (00147A)
00 643	INB150	061	INTL12M (00127) INA158 (00128) INA159 (00129)
00 644	INB110	061	STRTYPE (00137B) STRAMT (00137C) STRUCVAL (00137E) FCPPVAL (00137F) SCPPAMT (00139C) SCPTYPE (00139E) ACCOMVAL (00146) CONTVAL (00147)
00 645	INB208	061	INCOMPAMT (00135) INCMSTYR (00137)
00 645A	INB213	061	INCOMPAMT (00135) INCMSTYR (00137)
00 646	INB168	061	STRTYPE (00137B) STRAMT (00137C) STRUCVAL (00137E) FCPPVAL (00137F) SCPPAMT (00139C) SCPTYPE (00139E) ACCOMVAL (00146) CONTVAL (00147)
00 647	INB196	061	LINSTYPE (00154C) LINSSTYR (00154D) LINSAMT (00154F)
00 647A	INB197	061	LINSTYPE (00154C) LINSSTYR (00154D) LINSAMT (00154F)
00 647B	WKLINS	061	INB208 (00645) INB213 (00645A) INB196 (00647) INB197 (00647A) INB199 (00648) INB198 (00648A)
00 648	INB199	061	MENPOL (00121) MENPOLAM (00122) MENSTYR (00123A) LINSTYPE (00154C) LINSSTYR (00154D) LINSAMT (00154F)
00 648A	INB198	061	MENPOL (00121) MENPOLAM (00122) MENSTYR (00123A) LINSTYPE (00154C) LINSSTYR (00154D) LINSAMT (00154F)
00 649	INB229	061	MINSTYPE (00164C) MINSAMT (00164E)
00 650	INB206	061	MINSAMT (00164E)
00 654	PERSN177	117	INA005 (00010) NSILC (00573C) NSFIC (00573E) CNSILC (00620E) CNSFIC (00620G)
00 655	PERSN118	118	INA005 (00010) SAYE (00573Q)
00 657	PERSN120	120	INA005 (00010) NSPRB (00573K) CNSPRB (00620M)
00 658	PERSN121	121	INA005 (00010) NSINCB (00573M) CNSCIDB (00620O)
00 659	PERSN122	122	INA005 (00010) NSCAPB (00573A) NSDEPB (00573O) NSOPTB (00573S) NSBONB (00573T) CNSCIDB (00620O) CNSBONB (00620Q)

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DAT.REF	VARIABLE	REC.	USES:
00 671	INB187	061	OWNVTAX (00206D) CUVTAX (00217D) CPCTAXAM (00232)
00 672	INB188	061	OWNVINS (00206F) CUVINS (00217F) CPINSAMT (00234)
00 675	INB244	061	CPTYPE (00227) CPHOWPAY (00227A) NOCARP (00228) CARPAMT (00230) CPCTAXAM (00232) CPINSAMT (00234) CPPARAMT (00235)
00 676	INB245	061	CPTYPE (00227) CPHOWPAY (00227A) NOCARP (00228) CARPAMT (00230) CPCTAXAM (00232) CPINSAMT (00234) CPPARAMT (00235)
00 677	INB247	061	CPTYPE (00227) CPHOWPAY (00227A) CARPAMT (00230) CARPTINS (00230A) CPCTAXAM (00232) CPINSAMT (00234) CPPARTEX (00234A) CPPARAMT (00235)
00 678	INB183	061	INTDAT (00004) LITEMPUR (00277) LCASHP (00279) LPARTEX (00280) LOANDAT (00282) HPITEMA (00288) HPCASHPR (00290) HPDAT (00293) HPPARTEX (00294)
00 679	INB182	061	LITEMPUR (00277) LCASHP (00279) LPARTEX (00280) HPITEMA (00288)
00 680	INB172	061	CRECAMT (00239)
00 686A	INB241L	077	INTDAT (00004) LPARTEX (00280) LOANDEP (00281) LOANDAT (00282) INB242L (00687A)
00 686B	INB241H	078	INTDAT (00004) HPDAT (00293) HPPARTEX (00294) HPDEPOS (00295) INB242H (00687B)
00 687A	INB242L	077	LOANDEP (00281)
00 687B	INB242H	078	HPDEPOS (00295)
00 690	INB180	061	BANSCAMT (00312) BSCBUSPR (00315)
00 691	INB263	061	WELFMILK (00322)
00 692	INB259	061	SCHMILK (00323)
00 694A	INB260	061	SMPAIDLW (00328) SMPDAMT (00329)
00 695	INB158	061	STPAYM (00333)
00 698	INB392	062	GRANTSOU (00337) GRAVEXFE (00338) GRAVINCF (00339)

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LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 700	INB361	062	GRANTSOU (00337) GRAVEXFE (00338) GRAVINCF (00339) GRANTDIR (00341)
00 700A	INB207	061	GRANTSOU (00337) GRANTDIR (00341)
00 701	INB160	061	EDUCFAMT (00345)
00 703	INB162	061	LEISCAMT (00348)
00 705	INB164	061	OSEDFAMT (00365)
00 707	INA208	062	INTDAT (00004) EMPSTAT (00385D) NOWKSAW (00392) DATLSTWK (00393A) INSEG (00861) INSDC (00862)
00 710	INA212	062	SUBWKSTA (00407) SUBWKST2 (00407B)
00 711	INA214	062	SUBWKSTA (00407) SUBWKST2 (004078)
00 712	INA250	062	INTDAT (00004) PAYDAT (00408) ANTICPAY (00408A) PERC409 (00410) INA208 (00707)
00 717E	WKDEDCH	062	DCHTFSSAM (00438B) DCHOCSSAM (00438E)
00 717I	WKGROSS	062	PAYAMT (00409) TAXREF (00411) TAXREFAM (00411A) TAX (00412) NINO (00414) DEDSUPAM (00415B) DEDUFAMT (00415D) DEDSC (00415G) DEDSCAMT (00415H) DEDONEAM (00416B) DEDTWOAM (00416E) DEDTHRAM (00416H) GROSSPAY (00418) DCHTFSSAM (00438B) DCHOCSSAM (00438E) MILEALL (00440) OTHMOTRE (00442) WKBUS (00717L)
00 717L	WKBUS	062	BUSEINC1 (00418G) BUSEINC2 (00418H)
00 719	INB329	062	USNETPAY (00427) MALLINNP (00441)
00 721	INB312	062	BONUSAM (00430A) BOBATAX (00430B) BONUSAM2 (00430C) BOBATAX2 (00430D) BONUSAM3 (00430E) BOBATAX3 (00430F)
00 722	INB330	062	BONUSAM (00430A) BOBATAX1 (00430B) BONUSAM2 (00430C) BOBATAX2 (00430D) BONUSAM3 (00430E) BOBATAX3 (00430F)
00 726	INA255	062	INTDAT (00004) SUBWKSTA (00407) SUBWKST2 (00407B) SUBDAT (00453) PERC454 (00455)
00 730E	WKSUBSER	062	SUBWKSTA (00407) SUBWKST2 (00407B) SUBSIDPY (00454) SUBTAXAM (00456A) SUBNIAM (00457A) SUBONEAM (00458A) SUBTWOAM (00458C) SUBSGROS (00461)



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F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 731	INB326	062	SEPROFIT (00464) SEREGSUM (00465) SEPWEEKS (00470E)
			SEPARTSH (00475)
00 733	INA219	062	SEPROFIT (00464) SEREGSUM (00465) SERWEEKS (00466C)
			SEPWEEKS (00470E) SEREGS (00477B)
00 733A	INA280	062	ALLTYPE (00583) ALLWHO (00583A)
00 756	INB348	062	EMPAMT (00565A) EMPDAMT (00565D) EMPSTAT (00565E)
			EMPDEDAM (00565G) EMPDEDBA (00565I)
00 758	INB346	062	ANNPPTST (00566) APTAMT (00566A) APTTAXDS (00566C)
			APTAMT (00566D) APTTAXBA (00566E)
00 767	INB378	062	UNTRSTIN (00580) STOSHINT (00581) STSHBINT (00581B)
00 768	INB352	062	ALLRECAM (00584) EXPGVNAM (00590) INOVSCH (00798)
00 769	INB385	062	SPOUALRE (00586) SPALDIPD (00588)
00 775	INB334	062	ABRDAMT (00614) CHARAMT (00615)
00 777	INB397	062	CHILDINC (00616) CHINCAMT (00619) CHINCDIS (00620A)
00 779	INB313	062	SEPROFIT (00464) SEREGSUM (00465) SERWEEKS (00466C)
			SEPWEEKS (00470E) SEPARTSH (00475)
00 780	INB327	062	DCASHPR (00D08) DQUAL (00D10) EMPSTAT (00385D)
			SUBWKSTA (00407) SUBWKST2 (00407B)
00 786	INA162	061	OWNVTYPE (00206C) OWNVNOW (00206H) CUVTYPE (00217C)
			CUVNOW (00217H)
00 787	INA124	061	OWNVTYPE (00206C) OWNVNOW (00206H) CUVTYPE (00217C)
			CUVNOW (00217H)
00 788	INA149	061	OWNVTYPE (00206C) OWNVTAX (00206D) OWNVINS (00206F)
			OWNVNOW (00206H)
00 789	INA117	061	CPTYPE (00227) NOCARP (00228) LITEMPUR (00277)
			HPITEMA (00288)
00 790	INA118	061	CPTYPE (00227) NOCARP (00228) LITEMPUR (00277)
			HPITEMA (00288)
00 791	INA160	061	OWNVTYPE (00206C) OWNVNOW (00206H) CUVTYPE (00217C)
			CUVNOW (00217H)

SEP 16, 1994

F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 792	INB166	061	TELACBBO (00258A) TELDSCON (00261) TELSHAMT (00261A)
			TELBILAC (00262) TELBILB (00263)
00 798	INOVSCH	062	GRANTSOU (00337) GRAVINCF (00339)
00 801	INB307	062	WORKSTAT (00405) SUBWKSTA (00407) SUBWKST2 (00407B)
			SEPROFIT (00464) SENILPRO (00464A) SERWEEKS (00466C)
			SELOSS (00470A)
00 802	INA131	061	LTRESYRS (0060B) LTRESMTH (00060C)
00 807	INB105	061	ITEM037 (00248B) DEXTCON (00248D) DEXTBAMT (00248H)
00 808	INB106	061	ITEM037 (00248B) DEXTCON (00248D) DEXTBAMT (00248H)
00 809	INB107	061	ITEM038 (00249B) DMNTCON (00249D) DMNTBAMT (00249H)
00 810	INB108	061	ITEM038 (00249B) DMNTCON (00249D) DMNTBAMT (00249H)
00 811	INB265	061	SEPALAMT (00595C)
00 812	INB228	061	PENSAMT (00149D)
00 813	INA178	062	PENSLRNI (00149G)
00 813A	INB422	062	PENSAMT (00149D)
00 821	INB246	061	OWNVTYPE (00206C) OWNVTAX (00206D) OWNVNOW (00206H)
			CPTYPE (00227) CPCTAXAM (00232)
00 822	INA143	061	OWNVTYPE (00206C) OWNVNOW (00206H)
00 823	INB179	061	VETXRFAM (00242)
00 827	INB070	061	NRV (00373)
00 830	INB388	062	INA254 (00426) USGROPAY (00428) SSP (00500G)
			WKGROSS (00717I) INA055 (00843)
00 832	INB381	062	OJAMT1 (00603C) OJAMT2 (00603D) OJAMT3 (00603E)
			OJAMT4 (00603F) OJAMT5 (00603G)
00 834	INB102	061	ITEM036 (00247B) DCHRCON (00247D) DCHRBAMT (00247H)
00 835	INB103	061	ITEM035 (00246B) DWCHCON (00246E) DWCHBAMT (00246I)
00 836	INB104	061	ITEM036 (00247B) DCHRCON (00247D) DCHRBAMT (00247H)
00 838	INB101	061	ITEM035 (00246B) DWCHCON (00246E) DWCHBAMT (00246I)
00 846	INA285	062	CARPROV (00214)
00 847	INA286	062	OWNCPETP (00206I) CUCPETP (00214G)
00 847A	INA287	062	CARCCSAP (00214E) CUVTYPE (00217C) CUVNOW (00217H)

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F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:						
00	848	INA098	061	INPAFREG	(00845)				
00	850	INA103	061	GAS	(00185)	INA130	(00196)		
00	851	INA234	062	PAYAFSMP	(00422)				
00	852	INB353	062	STAMT	(00245D)	STMODE	(00245E)		
00	853	INB354	062	STAMT	(00245D)	STMODE	(00245E)		
00	854	INB355	062	STAMT	(00245D)	STMODE	(00245E)		
00	855	INB356	062	STAMT	(00245D)	STMODE	(00245E)		
00	856	INB409	062	WARAMT	(00579)	WRLNBINT	(00579B)		
00	863	INB272	061	FEESMDS	(00250D)	FEESAM	(00250E)	FEESBAM	(00250H)
				FEESCES	(00250I)				
00	864	INB273	061	FURNPAID	(00250O)	FURNBAM	(00250Q)		
00	865	INB274	061	FEESMDS	(00250D)	FEESAM	(00250E)	FEESBAM	(00250H)
				FEESCES	(00250I)				
00	872	WKUGRPAY	062	USGROPAY	(00428)	MALLINNP	(00441)		
00	873	WKPAYAMT	062	PAYAMT	(00409)	MILEALL	(00440)	OTHMOTRE	(00442)
				WKBUS	(00717L)				
00	891	INB280	061	FEESAM	(00250E)	FEESBAM	(00250H)	FEESPSSM	(00250J)
00	892A	INB281	061	FEESAM	(00250E)	FEESBAM	(00250H)	FEESPSSM	(00250J)
00	893	INB282	061	FEESAM	(00250E)	FEESBAM	(00250H)	FEESPSSM	(00250J)
00	894	INB283	061	FEESAM	(00250E)	FEESBAM	(00250H)	FEESPSSM	(00250J)
00	895	INB284	061	FEESBUS	(00250G)	FEESBAM	(00250H)		
00	940	INB035	061	INB460	(00946)				
00	942	INB037	061	INB465	(00947)				
00	943	INB055	061	INB470	(00948)				
00	945	INB057	061	INB475	(00949)				
00	946	INB460	062	INA005	(00010)	CCPERCHG	(00911)		
00	947	INB465	062	PCCREB	(00C202)	PCCRBTYP	(00C203)	PCCEXNIL	(00C206)
				PCCREBAM	(00C213)	PCCREDAM	(00C216)	INA005	(00010)
				CCPERCHG	(00911)				
00	948	INB470	062	PCCRBTYP	(00C203)	INA005	(00010)	MAINSWAT	(00078D)
				MAINSEW	(00083)	CCPERWTR	(00912)		

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F.E.S. 1993 INPUT SYSTEM

LIST OF VARIABLE RELATIONSHIPS : ALL VARIABLES

DAT.REF	VARIABLE	REC.	USES:
00 949	INB475	062	PCCEXNIL (00C206) INA005 (00010) MAINSWAT (00078D) MAINSEW (00083) CCPERWTR (00912)
00 951	INB111	061	ITEM038 (00249B) DMNTRCAM (00249M)
00 952	INB112	061	ITEM038 (00249B) DMNTRCAM (00249M)
00 953	INB113	061	ITEM038 (00249B) DMNTRFAM (00249K)
00 954	INB114	061	ITEM038 (00249B) DMNTRFAM (00249K)
00 958	INB480	061	HLPKWHER (00254A) HLPKAMT (00254B) HLPSIPAM (00254S)
00 959	INB481	061	HLPKWHER (00254A) HLPKAMT (00254B) HLPSIPAM (00254S)
00 960	INB482	061	HLHBWHER (00255) HLHBAMT (00255A)
00 961	INB483	061	HLHBWHER (00255) HLHBAMT (00255A)
00 962	INB484	061	HLSCWHER (00256) HLSCCAMT (00256A)
00 963	INB485	061	HLSCWHER (00256) HLSCCAMT (00256A)

END OF FILE : FS3DEV.DD93GRP/DD93DATA.FS93ALLVARUSES(2,\* ,1)

SPOOLING COMPLETED AT 14:15:21 ON 1994/09/16 - 2564 RECORDS TO MT TY0774 (JB 011)

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DATE: 16 SEP 94 AT 14:41:08  
DEPARTMENT: FS3DEV  
JOB ID: 6237 REPORT NO. 9  
FILE ID:  
INPUT PROCESSING TIME: 00:00:14  
OUTPUT PROCESSING TIME: 00:00:57  
REPORT COMPLETION CODE: 0  
PAGES TO BIN: 115  
PAGES TO TRAY: 0  
PAPER PATH HOLES: 0  
LINES PRINTED: 5154 GRAPHIC PAGES PRINTED: 2  
TAPE MOUNTS: 1 GRAPHIC EXCEPTION CODE: 0  
BLOCKS READ: 45 GRAPHIC IMAGES READ: 0  
BLOCKS SKIPPED: 0 GRAPHIC IMAGES MOVED: 0  
RECORDS READ: 2565  
DJDE RECORDS READ: 4  
MAXIMUM COPY COUNT: 2  
OVERPRINTS: 1  
COLLATE: YES  
SF/MF: MULTI  
SIMPLEX/DUPLEX SIMPLEX  
JDE.JDL USED: SP96.TAPE  
ACCTINFO:  
INITIAL FONT LIST: R6121P  
INITIAL FORM LIST: NONE  
(DJDE MODIFIED)  
INITIAL CME LIST: NONE

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