

NHATS R2 Beta Crosswalk between Instruments and Codebook

| Questionnaire ITEM | SP Public File | OP Public File | Tracker File | Restricted (R) or Sensitive (S) Variable | Not on File | Variable name | Variable label                   | Last Month of Life Interview | New in R2 |
|--------------------|----------------|----------------|--------------|--|-------------|---------------|----------------------------------|------------------------------|-----------|
|                    | X              | X              | X            | X  |             | spid          | NHATS SAMPLED PERSON ID          |                              |           |
|                    |                | X              |              |  |             | opid          | OTHER PERSON ID                  |                              |           |
|                    |                | X              |              |  |             | opround       | ROUND OTHER PERSON ADDED         |                              | yes       |
| Derived Variable   | X              |                |              |  |             | r2dlmlint     | R2 D LAST MTH LIFE INTVW DONE    |                              | yes       |
| Derived Variable   | X              |                |              |  |             | r2dresid      | R2 D RESIDENTIAL CARE STATUS     |                              | yes       |
| Derived Variable   | X              |                |              |  |             | r2dresidr     | R2 D RESIDENTL CARE STAT RECODE  |                              | yes       |
| Derived Variable   | X              |                |              |  |             | r1dresid      | R1 D RESIDENTIAL CARE STATUS     |                              |           |
| Derived Variable   | X              |                |              |  |             | r2dresidml    | R2 D RESIDENTIAL CARE LAST MTH   | *                            | yes       |
|                    | X              |                |              |  |             | r2breakoffst  | R2 CASE BREAKOFF STATUS          |                              |           |
|                    | X              |                |              |  |             | r2breakoffqt  | R2 CASE BREAKOFF QUESTION        |                              | yes       |
| IS2                | X              |                |              |  |             | is2resptype   | R2 IS2 TYPE OF RESPONDENT        | *                            |           |
| IS2                |                | X              |              |  |             | op2proxy      | R2 IS2 PROXY                     | *                            |           |
| IS2A               | X              |                |              |  |             | is2reasnprx1  | R2 IS2A PROXY REAS SP DEMENTIA   |                              |           |
| IS2A               | X              |                |              |  |             | is2reasnprx2  | R2 IS2A PROXY REAS SP ILL        |                              |           |
| IS2A               | X              |                |              |  |             | is2reasnprx3  | R2 IS2A PRXY REAS SP SPCH IMPAIR |                              |           |
| IS2A               | X              |                |              |  |             | is2reasnprx4  | R2 IS2A PRXY REAS SP HEAR IMPAIR |                              |           |
| IS2A               | X              |                |              |  |             | is2reasnprx5  | R2 IS2A PROXY REAS LANG BARRIER  |                              |           |
| IS2A               | X              |                |              |  |             | is2reasnprx6  | R2 IS2A PROXY REAS TEMP UNAVAIL  |                              |           |
| IS2A               | X              |                |              |  |             | is2reasnprx7  | R2 IS2A PROXY REAS DECEASED      | *                            | yes       |
| IS2A               | X              |                |              |  |             | is2reasnprx9  | R2 IS2A PROXY REAS OTHER         |                              |           |
| IS2B               |                |                |              |  | X           |               |                                  |                              |           |
| IS2B2              | X              |                |              |  |             | is2tempres    | R2 IS2B2 TEMPORARY RESIDENCE     |                              | yes       |
| IS2B3              |                |                |              |  | X           |               |                                  |                              |           |
| IS2C               |                |                |              |  | X           |               |                                  |                              |           |
| IS2D               |                |                |              |  | X           |               |                                  |                              |           |
| IS3                |                |                |              |  | X           |               |                                  |                              |           |
| IS3A               |                |                |              |  | X           |               |                                  |                              |           |
| IS3B               |                |                |              |  | X           |               |                                  |                              |           |
| IS3C               |                |                |              |  | X           |               |                                  |                              |           |
| IS8                |                |                |              |  | X           |               |                                  |                              |           |
| IS8A               |                |                |              |  | X           |               |                                  |                              |           |
| IS8B               |                |                |              |  | X           |               |                                  |                              |           |

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| IS8C                |                |                |              |  | X           |               |                                  |                              |           |
| IS9                 | X              |                |              |  |             | is2prxyrelat  | R2 IS9 PROXY RELATIONSHIP TO SP  | *                            |           |
| IS9                 |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP  | *                            |           |
| IS9A                |                |                |              |  | X           |               |                                  |                              |           |
| IS10                | X              |                |              |  |             | is2prxygendr  | R2 IS10 PROXY GENDER             | *                            |           |
| IS10                |                | X              |              |  |             | op2gender     | R2 OTHER PERSON GENDER           | *                            |           |
| IS11                | X              |                |              |  |             | is2famrrutin  | R2 IS11 FAMILRTY SP DAILY ROUTIN | *                            |           |
| IS11A               | X              |                |              |  |             | is2proxlivsp  | R2 IS11A PROXY LIVES W SP        | *                            |           |
| IS11A               |                | X              |              |  |             | op2prsninhh   | R2 OTHER PRSN IN HOUSEHOLD       | *                            |           |
| IS12A               |                |                |              | S  |             | op2birthmth   | R2 OTHER PERSON MONTH OF BIRTH   | *                            | yes       |
| IS12B               |                |                |              |  | X           |               |                                  |                              |           |
| IS12C               |                |                |              | S  |             | op2birthyear  | R2 OTHER PERSON YEAR OF BIRTH    | *                            | yes       |
| IS13                |                |                |              | S  |             | op2age        | R2 OTHER PERSON AGE              | *                            | yes       |
| IS13                |                | X              |              |  |             | op2dage       | R2 D OTH PERSN CAT AGE AT INTVW  | *                            |           |
| IS Derived Variable | X              |                |              |  |             | r2d2intvrage  | R2 D SP CAT AGE AT INTVW         |                              |           |
| IS Derived Variable |                |                |              | S  |             | r2dintvwage   | R2 D AGE OF SP AT INTERVIEW      |                              |           |
| IS Derived Variable | X              |                |              |  |             | is2dproxyid   | R2 D PROXY OPID                  | *                            |           |
| IS Derived Variable |                | X              |              |  |             | op2dage       | R2 D OTH PERSN CAT AGE AT INTVW  |                              |           |
| IS Derived Variable |                | X              |              |  |             | op2dgender    | R2 D GENDER UPDATE AND NEW       |                              | yes       |
| RE3                 |                |                |              |  | X           |               |                                  |                              |           |
| RE4                 |                |                |              |  | X           |               |                                  |                              |           |
| RE4A                |                |                |              |  | X           |               |                                  |                              |           |
| RE4B                |                |                |              |  | X           |               |                                  |                              |           |
| RE4C                |                |                |              | R  |             | re2spadrscty  | R2 RE4C SP ADDRESS CITY          | *                            |           |
| RE4D                |                |                |              | R  |             | re2spadrsstt  | R2 RE4D SP ADDRESS STATE         | *                            |           |
| RE4E                |                |                |              | R  |             | re2spadrszip  | R2 RE4E SP ADDRESS ZIP CODE      | *                            |           |
| RE4F                | X              |                |              |  |             | re2spadrsnew  | R2 RE4F SP ADDRESS SAME OR DIFF  | *                            | yes       |
| RE5                 |                |                |              |  | X           |               |                                  |                              |           |
| RE6A                |                |                |              |  | X           |               |                                  |                              |           |
| RE6B                |                |                |              |  | X           |               |                                  |                              |           |
| RE6C                |                |                |              |  | X           |               |                                  |                              |           |
| RE6D                |                |                |              |  | X           |               |                                  |                              |           |

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| RE6E                  |                |                |              |  | X           |               |  |                              |           |
| RE7                   | X              |                |              |  |             | re2intplace   | R2 RE7 SP INT AT PLACE OF RES            |                              | yes       |
| RE8                   | X              |                |              |  |             | re2newstrct   | R2 RE8 NEW RESID PHYS STRUC IN R2        |                              | yes       |
| RE8A                  |                |                |              |  | X           |               |  |                              |           |
| RE9                   | X              |                |              |  |             | re2newblgfl   | R2 RE9 NEW RESID BLDG FLOORS IN R2       |                              | yes       |
| RE10                  | X              |                |              |  |             | re2mthmove    | R2 RE10 MONTH MOVED NEW ADDRESS          | *                            | yes       |
| RE10B                 | X              |                |              |  |             | re2yearmove   | R2 RE10B YEAR MOVED NEW ADDRESS          | *                            | yes       |
| RE11                  | X              |                |              |  |             | re2placedec   | R2 RE11 CARE AT PLACE SP DIED            | *                            | yes       |
| RE12                  | X              |                |              |  |             | re2alonedec   | R2 RE12 LIVED ALONE AT DEATH             | *                            | yes       |
| RE4F Derived Variable | X              |                |              |  |             | re2dadscorr   | R2 D RE4F ADDRESS SAME DIFF CORRECTED    | *                            | yes       |
| RE Derived Variable   | X              |                |              |  |             | re2dresistrct | R2 D RESIDNCE PHYSICAL STRUCTUR          |                              | yes       |
| RE Derived Variable   | X              |                |              |  |             | re2dbldg      | R2 D SP BLDG MORE THAN ONE FLOOR         |                              | yes       |
| RE Derived Variable   | X              |                |              |  |             | re2dcensdiv   | R2 D SP CENSUS DIVISION                  | *                            |           |
| RE Flag Variable      | X              |                |              |  |             | fl2structure  | R2 F RE STRUCTURE OF SP DWELLING         |                              |           |
| RE Flag Variable      | X              |                |              |  |             | fl2bldgfl     | R2 F RE SP BLDG MORE THAN ONE FLOOR      |                              |           |
| RE Flag Variable      | X              |                |              |  |             | fl2resnew     | R2 F RE NEW ADDRESS FROM PRIOR ROUND     | *                            | yes       |
| RE Flag Variable      | X              |                |              |  |             | fl2facility   | R2 F RE ROUTING FLAG FROM RE4f HT3 5 6 7 | *                            |           |
| RE Flag Variable      | X              |                |              |  |             | fl2hotype     | R2 F RE HT TYPE OF HOME                  | *                            |           |
| RE Flag Variable      | X              |                |              |  |             | fl2retirecom  | R2 F RE HT SP LIVES IN RETIREMT COM      | *                            |           |
| PD1                   |                |                |              |  | X           |               |  | *                            | yes       |
| PD2A                  |                |                |              | S  |             | pd2mthdied    | R2 PD2A MONTH DIED                       | *                            | yes       |
| PD2B                  |                |                |              | S  |             | pd2yrdied     | R2 PD2B YEAR DIED                        | *                            | yes       |
| PD3                   | X              |                |              |  |             | pd2placedied  | R2 PD3 PLACE OF DEATH                    | *                            | yes       |
| PD3A                  |                |                |              |  | X           |               |  | *                            |           |
| PD3B                  | X              |                |              |  |             | pd2homedied   | R2 PD3B SP OR OTHER HOME DIED            | *                            | yes       |
| PD3C                  | X              |                |              |  |             | pd2hospdied   | R2 PD3C HOSPITAL UNIT DIED               | *                            | yes       |
| PD3D                  | X              |                |              |  |             | pd2hospice1   | R2 PD3D HOSPICE AT NURSING HOME          | *                            | yes       |
| PD3E                  | X              |                |              |  |             | pd2hospice2   | R2 PD3E HOSPICE OTHER PLACE              | *                            | yes       |
| PD4                   | X              |                |              |  |             | pd2stayunit   | R2 PD4 LENGTH OF STAY UNIT               | *                            | yes       |
| PD4A                  | X              |                |              |  |             | pd2staydays   | R2 PD4A LENGTH OF STAY DAYS              | *                            | yes       |
| PD4B                  | X              |                |              |  |             | pd2staywks    | R2 PD4B LENGTH OF STAY WEEKS             | *                            | yes       |
| PD4C                  | X              |                |              |  |             | pd2staymths   | R2 PD4C LENGTH OF STAY MONTHS            | *                            | yes       |

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| PD4D                | X              |                |              |  |             | pd2stayyrs    | R2 PD4D LENGTH OF STAY YEARS     | *                            | yes       |
| PD4E                | X              |                |              |  |             | pd2staymthpl  | R2 PD4E LENGTH OF STAY MTH PLUS  | *                            | yes       |
| PD5                 | X              |                |              |  |             | pd2placepre   | R2 PD5 PLACE PRE HOSP HOSPICE NH | *                            | yes       |
| PD5A                |                |                |              |  | X           |               |                                  | *                            |           |
| PD6                 | X              |                |              |  |             | pd2alert      | R2 PD6 ALERT IN LAST MONTH       | *                            | yes       |
| PD7                 | X              |                |              |  |             | pd2outbed     | R2 PD7 GET OUT OF BED IN LST MTH | *                            | yes       |
| PD Derived Variable | X              |                |              |  |             | r2d2deathage  | R2 D SP CAT AGE AT DEATH         | *                            | yes       |
| PD Derived Variable |                |                |              | S  |             | r2ddeathage   | R2 D SP AGE OF SP AT DEATH       | *                            | yes       |
| PD Flag Variable    | X              |                |              |  |             | fl2spdied     | R2 F SP DIED PRIOR TO R2         | *                            | yes       |
| PD Flag Variable    | X              |                |              |  |             | fl2notalert   | R2 F LML NOT ALERT               | *                            | yes       |
| PD Flag Variable    | X              |                |              |  |             | fl2notmobile  | R2 F LML NOT MOBILE              | *                            | yes       |
| LM1                 | X              |                |              |  |             | lm2pain       | R2 LM1 PAIN IN LAST MONTH        | *                            | yes       |
| LM1A                | X              |                |              |  |             | lm2painhlp    | R2 LM1A GET HELP WITH PAIN       | *                            | yes       |
| LM1B                | X              |                |              |  |             | lm2painhlpam  | R2 LM1B PAIN HELP AMOUNT         | *                            | yes       |
| LM2                 | X              |                |              |  |             | lm2bre        | R2 LM2 BREATHING TROUBLE         | *                            | yes       |
| LM2A                | X              |                |              |  |             | lm2brehlp     | R2 LM2A GET HELP WITH BREATHING  | *                            | yes       |
| LM2B                | X              |                |              |  |             | lm2brehlpam   | R2 LM2B BREATHING HELP AMOUNT    | *                            | yes       |
| LM3                 | X              |                |              |  |             | lm2sad        | R2 LM3 ANXIOUS OR SAD LAST MONTH | *                            | yes       |
| LM3A                | X              |                |              |  |             | lm2sadhlp     | R2 LM3A ANXIOUS SAD GET HELP FOR | *                            | yes       |
| LM3B                | X              |                |              |  |             | lm2sadhlpam   | R2 LM3B ANXIOUS SAD HELP AMOUNT  | *                            | yes       |
| LM4                 | X              |                |              |  |             | lm2caredecis  | R2 LM4 DEC ABOUT CARE WO INPUT   | *                            | yes       |
| LM5                 | X              |                |              |  |             | lm2carenowan  | R2 LM5 DEC ABOUT CARE NOT WANTED | *                            | yes       |
| LM6                 | X              |                |              |  |             | lm2perscare   | R2 LM6 PERSONAL CARE NEEDS MET   | *                            | yes       |
| LM7                 | X              |                |              |  |             | lm2respect    | R2 LM7 TREATED WITH RESPECT      | *                            | yes       |
| LM8                 | X              |                |              |  |             | lm2informed   | R2 LM8 INFORMED ABOUT CONDITION  | *                            | yes       |
| LM9                 | X              |                |              |  |             | lm2doctor     | R2 LM9 MORE THAN ONE DOCTOR      | *                            | yes       |
| LM9A                | X              |                |              |  |             | lm2docclear   | R2 LM9A CLEAR DOCTOR IN CHARGE   | *                            | yes       |
| LM10                | X              |                |              |  |             | lm2relg       | R2 LM10 TALK RELIGIOUS BELIEFS   | *                            | yes       |
| LM10A               | X              |                |              |  |             | lm2relgamt    | R2 LM10A RELIGIOUS BLIEF CONTACT | *                            | yes       |
| LM11                | X              |                |              |  |             | lm2ratecare   | R2 LM11 HOW RATE CARE            | *                            | yes       |
| HC1                 | X              |                |              |  |             | hc2health     | R2 HC1 OVERALL HEALTH CONDITION  |                              |           |
| HC2A                | X              |                |              |  |             | hc2disescn1   | R2 HC2 SP HAD HEART ATTACK       |                              |           |

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| HC2B               | X              |                |              |  |             | hc2disescn2   | R2 HC2 SP HAS HEART DISEASE       |                              |           |
| HC2C               | X              |                |              |  |             | hc2disescn3   | R2 HC2 SP HAS HIGH BLOOD PRESS    |                              |           |
| HC2D               | X              |                |              |  |             | hc2disescn4   | R2 HC2 SP HAS ARTHRITIS           |                              |           |
| HC2E               | X              |                |              |  |             | hc2disescn5   | R2 HC2 SP HAS OSTEOPOROSIS        |                              |           |
| HC2F               | X              |                |              |  |             | hc2disescn6   | R2 HC2 SP HAS DIABETES            |                              |           |
| HC2G               | X              |                |              |  |             | hc2disescn7   | R2 HC2 SP HAS LUNG DISEASE        |                              |           |
| HC2H               | X              |                |              |  |             | hc2disescn8   | R2 HC2 SP HAD STROKE              |                              |           |
| HC2I               | X              |                |              |  |             | hc2disescn9   | R2 HC2 SP HAS DEMENTIA OR ALZH    |                              |           |
| HC2J               | X              |                |              |  |             | hc2disescn10  | R2 HC2 SP HAS CANCER              |                              |           |
| HC5A               | X              |                |              |  |             | hc2brokebon1  | R2 HC5A SP BROKEN OR FRACT HIP    |                              |           |
| HC5B               | X              |                |              |  |             | hc2brokebon2  | R2 HC5B SP OTHR BRKN FRACT BONE   |                              |           |
| HC7                | X              |                |              |  |             | hc2hosptstay  | R2 HC7 SP HOSP STAY LAST 12MOS    |                              |           |
| HC8                | X              |                |              |  |             | hc2hosovrnht  | R2 HC8 SP NUM OF HOSP STAYS       |                              |           |
| HC9B               | X              |                |              |  |             | hc2knesrgyr   | R2 HC9B KNEE SURGERY IN 12 MNTHS  |                              |           |
| HC10B              | X              |                |              |  |             | hc2hipsrgyr   | R2 HC10B HIP SURG IN 12 MNTHS     |                              |           |
| HC11B              | X              |                |              |  |             | hc2catrsrgyr  | R2 HC11B CATER SURG IN 12 MNTHS   |                              |           |
| HC12B              | X              |                |              |  |             | hc2backsrgr   | R2 HC12B BCK SPNE SURGR 12 MNTHS  |                              |           |
| HC13B              | X              |                |              |  |             | hc2hartsrgyr  | R2 HC13B HEART SURGERY 12 MONTHS  |                              |           |
| HC14               | X              |                |              |  |             | hc2fllsinmth  | R2 HC14 FALL DOWN IN LAST MONTH   |                              |           |
| HC15               | X              |                |              |  |             | hc2worryfall  | R2 HC15 WORRIED ABOT FALLNG DOWN  |                              |           |
| HC16               | X              |                |              |  |             | hc2worrylimt  | R2 HC16 WORRY EVR LIMT ACTIVITIES |                              |           |
| HC17               | X              |                |              |  |             | hc2faleninyr  | R2 HC17 FALLEN DOWN IN 12 MONTHS  |                              |           |
| HC18               | X              |                |              |  |             | hc2multifall  | R2 HC18 FALLEN DWN MORE THN ONCE  |                              |           |
| HC19A              | X              |                |              |  |             | hc2depresan1  | R2 HC19A SP LITTLE INTERST PLEAS  |                              |           |
| HC19B              | X              |                |              |  |             | hc2depresan2  | R2 HC19B SP DOWN DEPRES HOPELESS  |                              |           |
| HC19C              | X              |                |              |  |             | hc2depresan3  | R2 HC19C SP NERVOUS ANXIOUS       |                              |           |
| HC19D              | X              |                |              |  |             | hc2depresan4  | R2 HC19D SP UNABLE TO STOP WORRY  |                              |           |
| HC20               | X              |                |              |  |             | hc2aslep30mn  | R2 HC20 OVER 30 MIN FALL ASLEEP   |                              |           |
| HC21               | X              |                |              |  |             | hc2trbfalbck  | R2 HC21 TROBLE FALLNG BCK ASLEEP  |                              |           |
| HC22               | X              |                |              |  |             | hc2sleepmed   | R2 HC22 OFTN MEDICATE HELP SLEEP  |                              |           |
| HT3                | X              |                |              |  |             | ht2placedesc  | R2 HT3 PLACE BEST DESCRIPTION     |                              |           |
| HT3A               |                |                |              |  | X           |               |                                   |                              |           |

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| HT4                | X              |                |              |  |             | ht2retiresen  | R2 HT4 RETIRMNT CMMTY SEN HOUSIN      |                              |           |
| HT5                | X              |                |              |  |             | ht2diffareun  | R2 HT5 DIFF AREAS UNITS TO MOVE       |                              |           |
| HT6                | X              |                |              |  |             | ht2helpmedbd  | R2 HT6 HELP W MEDS BATH DRESSING      |                              |           |
| HT7                | X              |                |              |  |             | ht2meals      | R2 HT7 MEALS FOR RESIDENTS            |                              |           |
| HT9A               |                |                |              |  | X           |               |                                       |                              |           |
| HT9B               |                |                |              |  | X           |               |                                       |                              |           |
| HT10               | X              |                |              |  |             | ht2spacename  | R2 HT10 NAME OF LIVING SPACE          |                              |           |
| HT10A              |                |                |              |  | X           |               |                                       |                              |           |
| HT Flag Variable   | X              |                |              |  |             | fl2facility   | R2 F ROUTING FLAG FROM RE4f HT3 5 6 7 |                              |           |
| HT Flag Variable   | X              |                |              |  |             | fl2hotype     | R2 F RE HT TYPE OF HOME               |                              |           |
| HT Flag Variable   | X              |                |              |  |             | fl2retirecom  | R2 F RE HT SP LIVES IN RETIREMT COM   |                              |           |
| SE1A               | X              |                |              |  |             | se2servcoff1  | R2 SE1 FAC SERVICES MEALS             |                              |           |
| SE1B               | X              |                |              |  |             | se2servcoff2  | R2 SE1 FAC SERVICES HELP W RX         |                              |           |
| SE1C               | X              |                |              |  |             | se2servcoff3  | R2 SE1 FAC SERV HELP BATH DRESS       |                              |           |
| SE1D               | X              |                |              |  |             | se2servcoff4  | R2 SE1 FAC SERVICES LAUNDRY           |                              |           |
| SE1E               | X              |                |              |  |             | se2servcoff5  | R2 SE1 FAC SERVICES HOUSEKEEP         |                              |           |
| SE1F               | X              |                |              |  |             | se2servcoff6  | R2 SE1 FAC SERV VAN TO DOCTOR         |                              |           |
| SE1G               | X              |                |              |  |             | se2servcoff7  | R2 SE1 FAC SRV VAN TO STORE EVNT      |                              |           |
| SE1H               | X              |                |              |  |             | se2servcoff8  | R2 SE1 FAC SERV RECREATIONAL FAC      |                              |           |
| SE1I               | X              |                |              |  |             | se2servcoff9  | R2 SE1 FAC SERV SOCIAL EVENTS         |                              |           |
| SE2A               | X              |                |              |  |             | se2servused1  | R2 SE2 SERVS USED MEALS               |                              |           |
| SE2B               | X              |                |              |  |             | se2servused2  | R2 SE2 SERVS USED HELP W RX           |                              |           |
| SE2C               | X              |                |              |  |             | se2servused3  | R2 SE2 SERVS USED HLP BATH DRESS      |                              |           |
| SE2D               | X              |                |              |  |             | se2servused4  | R2 SE2 SERVS USED LAUNDRY             |                              |           |
| SE2E               | X              |                |              |  |             | se2servused5  | R2 SE2 SERVS USED HOUSEKEEPING        |                              |           |
| SE2F               | X              |                |              |  |             | se2servused6  | R2 SE2 SERVS USED VAN TO DOCTOR       |                              |           |
| SE2G               | X              |                |              |  |             | se2servused7  | R2 SE2 SERVS USED VAN TO STORE        |                              |           |
| SE2H               | X              |                |              |  |             | se2servused8  | R2 SE2 SERVS USED RECREATION FAC      |                              |           |
| SE2I               | X              |                |              |  |             | se2servused9  | R2 SE2 SERVS USED SOCIAL EVENTS       |                              |           |
| SE3A               | X              |                |              |  |             | se2payservi1  | R2 SE3 PAYMENT FOR SERV MEALS         |                              |           |
| SE3B               | X              |                |              |  |             | se2payservi2  | R2 SE3 PAYMENT FOR SERV HLP W RX      |                              |           |
| SE3C               | X              |                |              |  |             | se2payservi3  | R2 SE3 PAY FR SERV HLP BATH DRSS      |                              |           |

NHATS R2 Beta Crosswalk between Instruments and Codebook

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|--------------------|----------------|----------------|--------------|--|-------------|---------------|------------------------------------|------------------------------|-----------|
| SE3D               | X              |                |              |  |             | se2payservi4  | R2 SE3 PAYMENT FOR SERV LAUNDRY    |                              |           |
| SE3E               | X              |                |              |  |             | se2payservi5  | R2 SE3 PAYMNT FOR SERV HOUSEKEEP   |                              |           |
| SE3F               | X              |                |              |  |             | se2payservi6  | R2 SE3 PAYMNT FR SERV VAN TO DOC   |                              |           |
| SE3G               | X              |                |              |  |             | se2payservi7  | R2 SE3 PAY FOR SERV VAN TO STORE   |                              |           |
| SE3H               | X              |                |              |  |             | se2payservi8  | R2 SE3 PAY FOR SERV RECREATION     |                              |           |
| SE3I               | X              |                |              |  |             | se2payservi9  | R2 SE3 PAY FOR SERV SOCIAL EVNTS   |                              |           |
| HH1A               | X              |                |              |  |             | hh2marchange  | R2 HH1A MARITAL STATUS CHANGE      |                              | yes       |
| HH1                | X              |                |              |  |             | hh2martlstat  | R2 HH1 MARITAL STATUS IF CHANGED   |                              | yes       |
| HH2A               |                |                |              | S  |             | hh2mthendmar  | R2 HH2A MTH MARR END OR SPS PASS   |                              |           |
| HH2C               | X              |                |              |  |             | hh2yrendmarr  | R2 HH2B YR MARR END OR SPS PASS    |                              |           |
| HH4A1              | X              |                |              |  |             | hh2newspoprt  | R2 HH4A1 SPOUSE PRTRN SAME OR DIFF |                              | yes       |
| HH4A1              |                | X              |              |  |             | op2spouprtnr  | R2 SPOUSE PARTNER                  |                              |           |
| HH4A2              |                |                |              |  | X           |               |                                    |                              |           |
| HHA4A              |                |                |              |  | X           |               |                                    |                              |           |
| HH4B               |                |                |              |  | X           |               |                                    |                              |           |
| HH4C               |                |                |              |  | X           |               |                                    |                              |           |
| HH5                | X              |                |              |  |             | hh2spgender   | R2 HH5 NEW R2 SPOU PART GENDER     |                              | yes       |
| HH5                |                | X              |              |  |             | op2gender     | R2 OTHER PERSON GENDER             |                              | yes       |
| HH6A               |                |                |              | S  |             | hh2modob      | R2 HH6A NEW R2 SPOU PART MO DOB    |                              | yes       |
| HH6A               |                |                |              | S  |             | op2birthmth   | R2 OTHER PERSON MONTH OF BIRTH     |                              | yes       |
| HH6B               |                |                |              |  | X           |               |                                    |                              |           |
| HH6C               |                |                |              | S  |             | hh2yrdob      | R2 HH6C NEW R2 SPOU PART YR DOB    |                              | yes       |
| HH6C               |                |                |              | S  |             | op2birthyear  | R2 OTHER PERSON YEAR OF BIRTH      |                              | yes       |
| HH7                |                |                |              | S  |             | hh2dspousage  | R2 D NEW R2 SPOU PART AGE          |                              |           |
| HH7                | X              |                |              |  |             | hh2dspouage   | R2 D NEW R2 SPOU PART CAT AGE      |                              |           |
| HH7                | X              |                |              |  |             | hh2spageall   | R2 D SPOU PAR AGE UPDATE AND NEW   |                              |           |
| HH7                |                |                |              | S  |             | op2age        | R2 D OTHER PERSON AGE              |                              |           |
| HH7                |                | X              |              |  |             | op2dage       | R2 D OTH PERSON CAT AGE AT INTVW   |                              |           |
| HH8                |                |                |              | S  |             | hh2dspousage  | R2 D NEW R2 SPOU PART AGE          |                              |           |
| HH8                | X              |                |              |  |             | hh2dspouage   | R2 D NEW R2 SPOU PART CAT AGE      |                              |           |
| HH8                | X              |                |              |  |             | hh2dspageall  | R2 D SPOU PAR AGE UPDATE AND NEW   |                              |           |
| HH8                |                |                |              | S  |             | op2age        | R2 D OTHER PERSON AGE              |                              |           |

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| HH8                 |                | X              |              |  |             | op2dage       | R2 D OTH PERSON CAT AGE AT INTVW  |                              |           |
| HH9                 | X              |                |              |  |             | hh2spouseduc  | R2 HH9 NEW R2 SPOU PART HIGH EDUC |                              | yes       |
| HH9                 |                | X              |              |  |             | op2eduspo     | R2 HH9 NEW R2 SPOU PART HIGH EDUC |                              | yes       |
| HH10                | X              |                |              |  |             | hh2spoupchlp  | R2 HH10 SPOUS NEED PERS CARE HLP  |                              |           |
| HH11                | X              |                |              |  |             | hh2livwthspo  | R2 HH11 LIVE WITH SPOUSE PARTNER  |                              |           |
| HH11                |                | X              |              |  |             | op2prsninhh   | R2 OTHER PRSN IN HOUSEHOLD        |                              |           |
| HH12                | X              |                |              |  |             | hh2placekind  | R2 HH12 KIND OF PLACE LIVE IN     |                              |           |
| HH12A               |                |                |              |  | X           |               |                                   |                              |           |
| HH13D               |                | X              |              |  |             | op2prsninhh   | R2 OTHER PRSN IN HOUSEHOLD        |                              |           |
| HH13D               |                | X              |              |  |             | op2childinhh  | R2 CHILD IN HOUSEHOLD             |                              |           |
| HH13E               |                | X              |              |  |             | op2reasgone   | R2 HH13E REASON GONE FROM HH      |                              | yes       |
| HH13F               |                |                |              |  | X           |               |                                   |                              |           |
| HH13G               |                |                |              |  | X           |               |                                   |                              |           |
| HH14                |                | X              |              |  |             | op2prsninhh   | R2 OTHER PRSN IN HOUSEHOLD        |                              |           |
| HH14A               |                |                |              |  | X           |               |                                   |                              |           |
| HH14B               |                |                |              |  | X           |               |                                   |                              |           |
| HH15                |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP   |                              |           |
| HH15                |                | X              |              |  |             | op2childinhh  | R2 CHILD IN HOUSEHOLD             |                              |           |
| HH16                |                | X              |              |  |             | op2gender     | R2 OTHER PERSON GENDER            |                              |           |
| HH17A               |                |                |              | S  |             | op2birthmth   | R2 OTHER PERSON MONTH OF BIRTH    |                              |           |
| HH17B               |                |                |              |  | X           |               |                                   |                              |           |
| HH17C               |                |                |              | S  |             | op2birthyear  | R2 OTHER PERSON YEAR OF BIRTH     |                              |           |
| HH18                |                |                |              | S  |             | op2age        | R2 OTHER PERSON AGE               |                              |           |
| HH18                |                | X              |              |  |             | op2dage       | R2 D OTH PERSN CAT AGE AT INTVW   |                              | yes       |
| HH19                |                |                |              | S  |             | op2age        | R2 OTHER PERSON AGE               |                              |           |
| HH19                |                | X              |              |  |             | op2dage       | R2 D OTH PERSN CAT AGE AT INTVW   |                              | yes       |
| HH20                |                |                |              |  | X           |               |                                   |                              |           |
| HH Derived Variable | X              |                |              |  |             | hh2dmarstat   | R2 D MARITAL STATUS AT R2         |                              | yes       |
| HH Derived Variable |                | X              |              |  |             | op2dgender    | R2 D GENDER UPDATE AND NEW        |                              | yes       |
| HH Derived Variable |                |                |              | S  |             | hh2dspousage  | R2 D NEW R2 SPOU PART AGE         |                              |           |
| HH Derived Variable | X              |                |              |  |             | hh2dspouage   | R2 D NEW R2 SPOU PART CAT AGE     |                              |           |
| HH Derived Variable | X              |                |              |  |             | hh2dspageall  | R2 D SPOU PAR AGE UPDATE AND NEW  |                              | yes       |



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| HH Derived Variable |                | X              |              |  |             | op2dage       | R2 D OTH PERSN CAT AGE AT INTVW   |                              | yes       |
| HH Derived Variable | X              |                |              |  |             | hh2dlvngarrg  | R2 D LIVING ARRANGEMENT           |                              |           |
| HH Derived Variable |                |                |              |  |             | hh2dhshldnum  | R2 D TOTAL NUMBER IN HOUSEHOLD    |                              |           |
| HH Derived Variable |                |                |              |  |             | hh2dhshldchd  | R2 D TOTAL CHILDREN IN HOUSEHOLD  |                              |           |
| HH Derived Variable | X              |                |              |  |             | hh2dspouseid  | R2 D SPOUSE ID                    |                              | yes       |
| CS1A                |                | X              |              |  |             | op2chnotinhh  | R2 D CHILD NOT IN HOUSEHOLD       |                              |           |
| CS1B                |                | X              |              |  |             | op2chnotinhh  | R2 D CHILD NOT IN HOUSEHOLD       |                              | yes       |
| CS1C                |                |                |              |  | X           |               |                                   |                              |           |
| CS1D                |                |                |              |  | X           |               |                                   |                              |           |
| CS1E                |                |                |              | R  |             | op2cityres    | R2 OTHER PRSN CITY OF RESIDENCE   |                              |           |
| CS1E                |                |                |              | R  |             | op2stateres   | R2 OTHER PRSN STATE OF RESIDENCE  |                              |           |
| CS1F                |                |                |              | R  |             | op2cityres    | R2 OTHER PRSN CITY OF RESIDENCE   |                              |           |
| CS1G                |                |                |              | R  |             | op2stateres   | R2 OTHER PRSN STATE OF RESIDENCE  |                              |           |
| CS1H                |                |                |              |  |             | op2chnewnthh  | R2 CS NEW R2 CHILD NOT IN HH      |                              | yes       |
| CS2PRE              |                | X              |              |  |             | op2chnewnthh  | R2 CS NEW R2 CHILD NOT IN HH      |                              | yes       |
| CS2A                |                |                |              |  | X           |               |                                   |                              |           |
| CS2B                |                |                |              |  | X           |               |                                   |                              |           |
| CS3                 |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP   |                              |           |
| CS3                 |                | X              |              |  |             | op2gender     | R2 NEW R2 OTHER PERSON GENDER     |                              |           |
| CS4A                |                |                |              | S  |             | op2birthmth   | R2 OTHER PERSON MONTH OF BIRTH    |                              |           |
| CS4B                |                |                |              |  | X           |               |                                   |                              |           |
| CS4C                |                |                |              | S  |             | op2birthyear  | R2 OTHER PERSON YEAR OF BIRTH     |                              |           |
| CS5                 |                |                |              | S  |             | op2age        | R2 OTHER PERSON AGE               |                              |           |
| CS5                 |                | X              |              |  |             | op2dage       | R2 D OTHER PERSN CAT AGE AT INTVW |                              |           |
| CS6                 |                |                |              | S  |             | op2age        | R2 OTHER PERSON AGE               |                              |           |
| CS6                 |                | X              |              |  |             | op2dage       | R2 D OTH PERSN CAT AGE AT INTVW   |                              |           |
| CS7A                |                |                |              | R  |             | op2cityres    | R2 OTHER PRSN CITY OF RESIDENCE   |                              |           |
| CS7B                |                |                |              | R  |             | op2stateres   | R2 OTHER PRSN STATE OF RESIDENCE  |                              |           |
| CS8                 |                |                |              |  | X           |               |                                   |                              |           |
| CS9                 |                | X              |              |  |             | op2educchild  | R2 HH9 NEW R2 CHILD HIGH EDUC     |                              |           |
| CS10                |                | X              |              |  |             | op2martlstat  | R2 NEW R2 CHILD MARITAL STATUS    |                              |           |
| CS11                |                | X              |              |  |             | op2numchldr   | R2 NEW R2 CHILD NUMB OF CHILDREN  |                              |           |

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| CS12                |                | X              |              |  |             | op2anychdu18  | R2 NEW R2 CHILD ANY CHILD U 18         |                              |           |
| CS12A               |                | X              |              |  |             | op2numchdu18  | R2 NEW R2 CHILD NUMB CHILD U 18        |                              |           |
| CS13                |                |                |              |  | X           |               |  |                              |           |
| CS14                | X              |                |              |  |             | cs2sistrsnum  | R2 CS14 NUMBER OF LIVING SISTERS       |                              |           |
| CS15                | X              |                |              |  |             | cs2brthrsnum  | R2 CS15 NUMBER OF LIVNG BROTHERS       |                              |           |
| CS Derived Variable |                |                |              |  |             | cs2dnumchild  | R2 D NUMBER OF CHILDREN                |                              |           |
| CS Derived Variable |                |                |              |  |             | cs2dnmstpchd  | R2 D NUMBER OF STEP CHILDREN           |                              |           |
| CS Derived Variable |                |                |              |  |             | cs2dnumdaugh  | R2 D NUMBER OF DAUGHTERS               |                              |           |
| CS Derived Variable |                |                |              |  |             | cs2dnumson    | R2 D NUMBER OF SONS                    |                              |           |
| CS Derived Variable |                | X              |              |  |             | op2dchilddec  | R2 D CHILD DIED SINCE LST INT          |                              |           |
| SN2                 |                | X              |              |  |             | op2soclntwrk  | R2 SN2 PART OF SP SOCIAL NETWORK       |                              |           |
| SN3                 |                |                |              |  | X           |               |  |                              |           |
| SN4                 |                |                |              |  | X           |               |  |                              |           |
| SN5                 |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP        |                              |           |
| SN5                 |                | X              |              |  |             | op2gender     | R2 NEW R2 OTHER PERSON GENDER          |                              |           |
| SN6                 |                | X              |              |  |             | op2gender     | R2 NEW R2 OTHER PERSON GENDER          |                              |           |
| SN7                 |                |                |              | S  |             | op2catgryage  | R2 NEW R2 SN PERSON CAT AGE            |                              |           |
| SN8A                |                |                |              | R  |             | op2cityres    | R2 NEW R2 SN CITY OF RESIDENCE         |                              |           |
| SN8B                |                |                |              | R  |             | op2stateres   | R2 NEW R2 SN STATE OF RESIDENCE        |                              |           |
| SN Derived Variable |                | X              |              |  |             | op2dsocwrkfl  | R2 D LIKELY SOCIAL NETWRK MEMBER       |                              |           |
| SN Derived Variable |                |                |              |  |             | sn2dnumsn     | R2 D NUMBER IN SOCIAL NETWORK          |                              |           |
| SN Flag Variable    | X              |                |              |  |             | fl2noonetalk  | R2 F SN SP HAS NO ONE TO TALK TO       |                              |           |
| HO1                 | X              |                |              |  |             | ho2entrstair  | R2 HO1 ENTRANCE STAIRS OUTSIDE         |                              |           |
| HO2                 | X              |                |              |  |             | ho2entrccomn  | R2 HO2 ENTRANCE COMMON OR PRIVAT       |                              |           |
| HO3                 | X              |                |              |  |             | ho2entrnramp  | R2 HO3 RAMP AT ENTRANCE                |                              |           |
| HO4A                | X              |                |              |  |             | ho2bldgamen1  | R2 HO4A NEW RES BLDG HAS ELEVATOR      |                              |           |
| HO4B                | X              |                |              |  |             | ho2bldgamen2  | R2 HO4B NEW RES BLDG STAIR LIFT GLIDE  |                              |           |
| HO4C                | X              |                |              |  |             | ho2bldgamen3  | R2 HO4C NEW RES BLDG COMMN SPACE MEALS |                              |           |
| HO4D                | X              |                |              |  |             | ho2bldgamen4  | R2 HO4D NEW RES BLDG SPACE SOCIAL EVT  |                              |           |
| HO5                 | X              |                |              |  |             | ho2levelsflr  | R2 HO5 NUMBR OF LEVELS OR FLOORS       |                              |           |
| HO8A                | X              |                |              |  |             | ho2homeamen1  | R2 HO8A BED KITCHN BATH SAME FLR       |                              |           |
| HO8B                | X              |                |              |  |             | ho2homeamen2  | R2 HO8B HOME HAS ELEVATOR              |                              |           |

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| HO8C                | X              |                |              |  |             | ho2homeamen3  | R2 HO8C HOME HAS STAIR LFT GLIDE   |                              |           |
| HO10                | X              |                |              |  |             | ho2bathprivt  | R2 HO10 NEW FAC RES PRIV BATH      |                              |           |
| HO11A               | X              |                |              |  |             | ho2bathamen1  | R2 HO11A BATH HAS BATHTUB          |                              |           |
| HO11B               | X              |                |              |  |             | ho2bathamen2  | R2 HO11B BATH HAS SHOWER STALL     |                              |           |
| HO11C               | X              |                |              |  |             | ho2bathamen3  | R2 HO11C BATH GRAB BAR IN SHOWER   |                              |           |
| HO11D               | X              |                |              |  |             | ho2bathamen4  | R2 HO11D BATH SEAT FR SHOWER TUB   |                              |           |
| HO11E               | X              |                |              |  |             | ho2bathamen5  | R2 HO11E BATH RAISED TOILET SEAT   |                              |           |
| HO11F               | X              |                |              |  |             | ho2bathamen6  | R2 HO11F BATH GRAB BARS TOILET     |                              |           |
| HO11G               | X              |                |              |  |             | ho2bathamen7  | R2 HO11G BATH MED EMERGENCY SYSTM  |                              |           |
| HO12                | X              |                |              |  |             | ho2kitchnprv  | R2 HO12 NEW FAC RES PRIV KITCHEN   |                              |           |
| HO13                | X              |                |              |  |             | ho2kitchncom  | R2 HO13 NEW FAC RES COMMON KITCHEN |                              |           |
| HO14                | X              |                |              |  |             | ho2microwave  | R2 HO14 USE OF MICROWAVE           |                              |           |
| HO Derived Variable | X              |                |              |  |             | ho2dbldg1     | R2 D BLDG HAS ELEVATOR             |                              | yes       |
| HO Derived Variable | X              |                |              |  |             | ho2dbldg2     | R2 D BLDG HAS STAIR LIFT GLIDE     |                              | yes       |
| HO Derived Variable | X              |                |              |  |             | ho2dbldg3     | R2 D BLDG HAS COMMN SPACE MEALS    |                              | yes       |
| HO Derived Variable | X              |                |              |  |             | ho2dbldg4     | R2 D BLDG HAS SPACE SOCIAL EVENT   |                              | yes       |
| HO Derived Variable | X              |                |              |  |             | ho2dbathprvt  | R2 D FAC HAS PRIVATE BATH          |                              | yes       |
| HO Derived Variable | X              |                |              |  |             | ho2dkitchnpr  | R2 D FAC HAS PRIV KITCHEN          |                              | yes       |
| HO Derived Variable | X              |                |              |  |             | ho2dkitchnco  | R2 D FAC HAS COMMON KITCHEN        |                              | yes       |
| HO Flag Variable    | X              |                |              |  |             | fl2onefloor   | R2 F HO SP LIVES ON ONE FLOOR      |                              |           |
| HO Flag Variable    | X              |                |              |  |             | fl2bathgrbbr  | R2 F HO SPS BATH HAS GRAB BARS     |                              |           |
| HO Flag Variable    | X              |                |              |  |             | fl2bathseat   | R2 F HO SPS BATH HAS SEAT          |                              |           |
| HO Flag Variable    | X              |                |              |  |             | fl2raisedtlt  | R2 F HO SP HAS RAISED TOILET       |                              |           |
| HO Flag Variable    | X              |                |              |  |             | fl2tltgrbbr   | R2 F HO SP TOILET HAS GRAB BARS    |                              |           |
| EM1                 | X              |                |              |  |             | em2modhere1   | R2 D EM1 NEW RES ALL ITEMS HERE    |                              |           |
| EM2A                | X              |                |              |  |             | em2addlstyr1  | R2 EM2A RAMP ADDED IN LAST YR      |                              |           |
| EM2B                | X              |                |              |  |             | em2addlstyr2  | R2 EM2B ELEVATOR ADDED IN LST YR   |                              |           |
| EM2C                | X              |                |              |  |             | em2addlstyr3  | R2 EM2C STR LIFT ADDED IN LST YR   |                              |           |
| EM2D                | X              |                |              |  |             | em2addlstyr4  | R2 EM2D SHWR GRABBAR ADD LST YR    |                              |           |
| EM2E                | X              |                |              |  |             | em2addlstyr5  | R2 EM2E BATHSEAT ADDED IN LST YR   |                              |           |
| EM2F                | X              |                |              |  |             | em2addlstyr6  | R2 EM2F TOILETSEAT ADD IN LST YR   |                              |           |
| EM2G                | X              |                |              |  |             | em2addlstyr7  | R2 EM2G TOILET GRABBAR ADD YR      |                              |           |

NHATS R2 Beta Crosswalk between Instruments and Codebook

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|--------------------|----------------|----------------|--------------|--|-------------|---------------|----------------------------------|------------------------------|-----------|
| EM3A               | X              |                |              |  |             | em2payyufam1  | R2 EM3A SP PAID FOR RAMP         |                              |           |
| EM3B               | X              |                |              |  |             | em2payyufam2  | R2 EM3B SP PAID FOR ELEVATOR     |                              |           |
| EM3C               | X              |                |              |  |             | em2payyufam3  | R2 EM3C SP PAID STAIR LFT GLIDE  |                              |           |
| EM3D               | X              |                |              |  |             | em2payyufam4  | R2 EM3D SP PAID SHOWER GRABBAR   |                              |           |
| EM3E               | X              |                |              |  |             | em2payyufam5  | R2 EM3E SP PAID SHOWER SEAT      |                              |           |
| EM3F               | X              |                |              |  |             | em2payyufam6  | R2 EM3F SP PAID RAISD TOILT SEAT |                              |           |
| EM3G               | X              |                |              |  |             | em2payyufam7  | R2 EM3G SP PAID TOILET GRABBARS  |                              |           |
| EM4A               | X              |                |              |  |             | em2paydevce1  | R2 EM4A SP PAID FOR VISION AIDS  |                              |           |
| EM4B               | X              |                |              |  |             | em2paydevce2  | R2 EM4B SP PAID FOR HEARING AID  |                              |           |
| EM4C               | X              |                |              |  |             | em2paydevce3  | R2 EM4C SP PAID FOR CANE         |                              |           |
| EM4D               | X              |                |              |  |             | em2paydevce4  | R2 EM4D SP PAID FOR WALKER       |                              |           |
| EM4E               | X              |                |              |  |             | em2paydevce5  | R2 EM4E SP PAID FOR WHEELCHAIR   |                              |           |
| EM4F               | X              |                |              |  |             | em2paydevce6  | R2 EM4F SP PAID FOR SCOOTER      |                              |           |
| EM4G               | X              |                |              |  |             | em2paydevce7  | R2 EM4G SP PAID FOR GRABBER      |                              |           |
| EM4H               | X              |                |              |  |             | em2paydevce8  | R2 EM4H SP PD SPECIAL DRESS ITM  |                              |           |
| EM4I               | X              |                |              |  |             | em2paydevce9  | R2 EM4I SP PAID ADAPTED UTENSILS |                              |           |
| EM5                | X              |                |              |  |             | em2payaltgth  | R2 EM5 PAY FOR THESE ALTOGETHER  |                              |           |
| EM6                | X              |                |              |  |             | em2morls1000  | R2 EM6 MORE LESS OR ABOUT \$1000 |                              |           |
| EM7                | X              |                |              |  |             | em2morls100   | R2 EM7 MORE LESS OR ABOUT \$100  |                              |           |
| CM1                | X              |                |              |  |             | cm2knowwell   | R2 CM1 PEOPL KNOW EACH OTHR WELL |                              |           |
| CM2                | X              |                |              |  |             | cm2willnghlp  | R2 CM2 PEOPL WILLG HLP EACH OTHR |                              |           |
| CM4                | X              |                |              |  |             | cm2peoptrstd  | R2 CM4 PEOPLE CAN BE TRUSTED     |                              |           |
| TE1                | X              |                |              |  |             | te2cellphone  | R2 TE1 WORKING CELL PHONE        |                              |           |
| TE3                | X              |                |              |  |             | te2othrphone  | R2 TE3 ONE PHONE OTHER THAN CELL |                              |           |
| TE6                | X              |                |              |  |             | te2computer   | R2 TE6 HAS A WORKING COMPUTER    |                              |           |
| TE8                | X              |                |              |  |             | te2compoth    | R2 TE8 USED COMPUTER ANYWHRE ELS |                              |           |
| TE9                | X              |                |              |  |             | te2emailtext  | R2 TE9 EMAIL OR TEXTING          |                              |           |
| TE10               | X              |                |              |  |             | te2oftnemail  | R2 TE10 EMAIL OR TEXTING OFTEN   |                              |           |
| TE11               | X              |                |              |  |             | te2online     | R2 TE11 ONLINE COMPUTER USE      |                              |           |
| TE12A              | X              |                |              |  |             | te2shoponli1  | R2 TE12A INTERNET SHOP GROCERY   |                              |           |
| TE12B              | X              |                |              |  |             | te2shoponli2  | R2 TE12B INTERNET BANKING        |                              |           |
| TE12C              | X              |                |              |  |             | te2shoponli3  | R2 TE12C INTERNET ORDR REFLR RX  |                              |           |

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| TE13A              | X              |                |              |  |             | te2intrntmd1  | R2 TE13A INTERNET MEDICAL PROVDR   |                              |           |
| TE13B              | X              |                |              |  |             | te2intrntmd2  | R2 TE13B INTERNET INSURANCE INFO   |                              |           |
| TE13C              | X              |                |              |  |             | te2intrntmd3  | R2 TE13C INTERNET HEALTH CONDS     |                              |           |
| MD1                | X              |                |              |  |             | md2canewlker  | R2 MD1 USED CANE WALKER WHLCHAIR   | *                            |           |
| MD2                | X              |                |              |  |             | md2cane       | R2 MD2 USED A CANE                 | *                            |           |
| MD3                | X              |                |              |  |             | md2walker     | R2 MD3 USED A WALKER               | *                            |           |
| MD4                | X              |                |              |  |             | md2wheelchar  | R2 MD4 USED A WHEELCHAIR           | *                            |           |
| MD4a               | X              |                |              |  |             | md2whelcrspc  | R2 MD4A WHELCHAIR IN LIVNG SPACE   |                              |           |
| MD5                | X              |                |              |  |             | md2scooter    | R2 MD5 USE A SCOOTER               | *                            |           |
| MD5a               | X              |                |              |  |             | md2scterinsp  | R2 MD5A SCOOTER IN LIVING SPACE    |                              |           |
| MD Flag Variable   | X              |                |              |  |             | fl2cane       | R2 F MD SP USES CANE               | *                            |           |
| MD Flag Variable   | X              |                |              |  |             | fl2walker     | R2 F MD SP USES WALKER             | *                            |           |
| MD Flag Variable   | X              |                |              |  |             | fl2wheelchr   | R2 F MD SP USES WHEELCHAIR         | *                            |           |
| MD Flag Variable   | X              |                |              |  |             | fl2whlchrhom  | R2 F MD SP HAS WHEELCHR AT HOME    |                              |           |
| MD Flag Variable   | X              |                |              |  |             | fl2scooter    | R2 F MD SP USES SCOOTER            | *                            |           |
| MD Flag Variable   | X              |                |              |  |             | fl2scooterhm  | R2 F MD SP HAS SCOOTER AT HOME     |                              |           |
| SS3                | X              |                |              |  |             | ss2heringaid  | R2 SS3 HEARING AID USED            |                              |           |
| SS4A               | X              |                |              |  |             | ss2hearphone  | R2 SS4A SP CAN USE TELEPHONE       |                              |           |
| SS4B               | X              |                |              |  |             | ss2convradi   | R2 SS4B CONVERSATION WTH TV RADIO  |                              |           |
| SS4C               | X              |                |              |  |             | ss2convquiet  | R2 SS4C CONVERS IN QUIET ROOM      |                              |           |
| SS7                | X              |                |              |  |             | ss2glasseswr  | R2 SS7 WEARS GLASSES CONTACTS      |                              |           |
| SS8A               | X              |                |              |  |             | ss2seewellst  | R2 SS8A SEES ACROSS THE STREET     |                              |           |
| SS8B               | X              |                |              |  |             | ss2seestvgl   | R2 SS8B TV ACROSS ROOM W GLASSES   |                              |           |
| SS10               | X              |                |              |  |             | ss2glasscls   | R2 SS10 WEAR GLS CONTACTS SEE CLOS |                              |           |
| SS11               | X              |                |              |  |             | ss2othvisaid  | R2 SS11 USED OTHER VISION AIDS     |                              |           |
| SS12               | X              |                |              |  |             | ss2glrednewp  | R2 SS12 CAN READ NEWSPAPER PRINT   |                              |           |
| SS13               | X              |                |              |  |             | ss2probchswl  | R2 SS13 PROBLEMS CHEW OR SWALLOW   |                              |           |
| SS14               | X              |                |              |  |             | ss2probspeak  | R2 SS14 PROBLEMS SPEAKING          |                              |           |
| SS15               | X              |                |              |  |             | ss2painbothr  | R2 SS15 BOTHERED BY PAIN           |                              |           |
| SS17               | X              |                |              |  |             | ss2painlimts  | R2 SS17 PAIN EVER LIMITS ACTIVIT   |                              |           |
| SS18A              | X              |                |              |  |             | ss2painmedof  | R2 SS18A LST MNTH OFTEN PAIN MED   |                              |           |
| SS18B              | X              |                |              |  |             | ss2painwhe1   | R2 SS18B BACK PAIN IN LAST MNTH    |                              |           |

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| SS18B              | X              |                |              |  |             | ss2painwhe2   | R2 SS18B HIP PAIN IN LAST MONTH  |                              |           |
| SS18B              | X              |                |              |  |             | ss2painwhe3   | R2 SS18B KNEE PAIN IN LAST MNTH  |                              |           |
| SS18B              | X              |                |              |  |             | ss2painwhe4   | R2 SS18B FOOT PAIN IN LAST MNTH  |                              |           |
| SS18B              | X              |                |              |  |             | ss2painwhe5   | R2 SS18B HAND PAIN IN LAST MNTH  |                              |           |
| SS18B              | X              |                |              |  |             | ss2painwhe6   | R2 SS18B WRIST PAIN IN LAST MNTH |                              |           |
| SS18B              | X              |                |              |  |             | ss2painwhe7   | R2 SS18B SHOULDR PAIN LST MNTH   |                              |           |
| SS18B              | X              |                |              |  |             | ss2painwhe8   | R2 SS18B HEAD PAIN IN LAST MNTH  |                              |           |
| SS18B              | X              |                |              |  |             | ss2painwhe9   | R2 SS18B NECK PAIN IN LAST MNTH  |                              |           |
| SS18B              | X              |                |              |  |             | ss2painwhe10  | R2 SS18B ARM PAIN IN LAST MNTH   |                              |           |
| SS18B              | X              |                |              |  |             | ss2painwhe11  | R2 SS18B LEG PAIN IN LAST MNTH   |                              |           |
| SS18B              | X              |                |              |  |             | ss2painwhe12  | R2 SS18B STOMACH PAIN LAST MNTH  |                              |           |
| SS18B              | X              |                |              |  |             | ss2painwhe13  | R2 SS18B OTHR SPCFY PAIN LST MO  |                              |           |
| SS18C              |                |                |              |  | X           |               |                                  |                              |           |
| SS19               | X              |                |              |  |             | ss2probbreat  | R2 SS19 BREATHING PROBLEMS       |                              |           |
| SS20               | X              |                |              |  |             | ss2prbbrlimt  | R2 SS20 BREATH PROBLS LIMT ACTIV |                              |           |
| SS21               | X              |                |              |  |             | ss2strnglmup  | R2 SS21 UPPER BOD STRENGTH LIMIT |                              |           |
| SS22               | X              |                |              |  |             | ss2uplimtact  | R2 SS22 UP BOD STRNGTH LIMT ACT  |                              |           |
| SS23               | X              |                |              |  |             | ss2lwrbodstr  | R2 SS23 LOWER BODY STRNGTH LIMIT |                              |           |
| SS24               | X              |                |              |  |             | ss2lwrbodimp  | R2 SS24 LWER BOD STRNGTH IMT ACT |                              |           |
| SS25               | X              |                |              |  |             | ss2lowenergy  | R2 SS25 LOW ENERGY IN LAST MONTH |                              |           |
| SS26               | X              |                |              |  |             | ss2loenlmtat  | R2 SS26 LOW ENERGY EVER LIM ACT  |                              |           |
| SS27               | X              |                |              |  |             | ss2prbbalcrd  | R2 SS27 BALANCE OR COORD PROBS   |                              |           |
| SS28               | X              |                |              |  |             | ss2prbbalcnt  | R2 SS28 BAL COORD PROB LIMIT ACT |                              |           |
| SS Flag Variable   | X              |                |              |  |             | fl2deaf       | R2 F SS DEAF PRIOR ROUND         |                              | yes       |
| SS Flag Variable   | X              |                |              |  |             | fl2blind      | R2 F SS BLIND PRIOR ROUND        |                              | yes       |
| PC1                | X              |                |              |  |             | pc2walk6blks  | R2 PC1 ABLE TO WALK 6 BLOCKS     |                              |           |
| PC2                | X              |                |              |  |             | pc2walk3blks  | R2 PC2 ABLE TO WALK 3 BLOCKS     |                              |           |
| PC3                | X              |                |              |  |             | pc2up20stair  | R2 PC3 ABLE TO WALK UP 20 STAIRS |                              |           |
| PC4                | X              |                |              |  |             | pc2up10stair  | R2 PC4 ABLE TO WALK UP 10 STAIRS |                              |           |
| PC5                | X              |                |              |  |             | pc2car20pnds  | R2 PC5 ABLE TO CARRY 20 POUNDS   |                              |           |
| PC6                | X              |                |              |  |             | pc2car10pnds  | R2 PC6 ABLE TO CARRY 10 POUNDS   |                              |           |
| PC7                | X              |                |              |  |             | pc2geonknees  | R2 PC7 ABLE TO GET DOWN ON KNEES |                              |           |

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| PC8                 | X              |                |              |  |             | pc2bendover   | R2 PC8 ABLE TO BEND OVER            |                              |           |
| PC9                 | X              |                |              |  |             | pc2hvobovrhd  | R2 PC9 HEAVY OBJECT ABOVE HEAD      |                              |           |
| PC10                | X              |                |              |  |             | pc2rechovrhd  | R2 PC10 ABLE TO REACH OVERHEAD      |                              |           |
| PC11                | X              |                |              |  |             | pc2opnjarwhd  | R2 PC11 OPEN SEALED JAR W HANDS     |                              |           |
| PC12                | X              |                |              |  |             | pc2grspsmobj  | R2 PC12 ABLE GRASP SMALL OBJECTS    |                              |           |
| CP1                 | X              |                |              |  |             | cp2memrygood  | R2 CP1 HOW GOOD MEMRY AT PRESNT     | *                            |           |
| CP2                 | X              |                |              |  |             | cp2knownsplr  | R2 CP2 KNOWN SP 4 AT LEAST A YR     |                              |           |
| CP3A                | X              |                |              |  |             | cp2chgthink1  | R2 CP3A SP DIFF REMEMBER DATE       |                              |           |
| CP3B                | X              |                |              |  |             | cp2chgthink2  | R2 CP3B SP REPEATS SELF             |                              |           |
| CP3C                | X              |                |              |  |             | cp2chgthink3  | R2 CP3C SP DIFF REMEMBER APPT       |                              |           |
| CP3D                | X              |                |              |  |             | cp2chgthink4  | R2 CP3D SP CHNG INTRST ACT HOB      |                              |           |
| CP3E                | X              |                |              |  |             | cp2chgthink5  | R2 CP3E SP DIFF WITH MONEY MGMT     |                              |           |
| CP3F                | X              |                |              |  |             | cp2chgthink6  | R2 CP3F SP DIFF LEARNG USE TOOL     |                              |           |
| CP3G                | X              |                |              |  |             | cp2chgthink7  | R2 CP3G SP PRBLMS WITH JDGMNT       |                              |           |
| CP3H                | X              |                |              |  |             | cp2chgthink8  | R2 CP3H SP DLY PRBLMS W THINK MEM   |                              |           |
| CP4A                | X              |                |              |  |             | cp2memcogpr1  | R2 CP4A LOST IN FAMILIAR ENVIRON    |                              |           |
| CP4B                | X              |                |              |  |             | cp2memcogpr2  | R2 CP4B SP WANDERD OFF NO RETRN     |                              |           |
| CP4C                | X              |                |              |  |             | cp2memcogpr3  | R2 CP4C SP ABLE LEFT ALONE 1 HR     |                              |           |
| CP4D                | X              |                |              |  |             | cp2memcogpr4  | R2 CP4D SP HEARS SEES THNGS         |                              |           |
| CP Derived Variable | X              |                |              |  |             | cp2dad8dem    | R2 D DEMENTIA REPORTED IN PRIOR AD8 |                              | yes       |
| CG1A                | X              |                |              |  |             | cg2speaktosp  | R2 CG1A MAY SPEAK TO SP ASK QUES    |                              |           |
| CG1C                | X              |                |              |  |             | cg2quesremem  | R2 CG1C START W QUES ABOUT MEMRY    |                              |           |
| CG1D                | X              |                |              |  |             | cg2reascano1  | R2 CG1D SP CANT ANS DEMENTIA        |                              |           |
| CG1D                | X              |                |              |  |             | cg2reascano2  | R2 CG1D SP CANT ANS UNABLE SPEAK    |                              |           |
| CG1D                | X              |                |              |  |             | cg2reascano3  | R2 CG1D SP CANT ANS UNABLE HEAR     |                              |           |
| CG1D                | X              |                |              |  |             | cg2reascano4  | R2 CG1D SP CANT ANS SP REFUSED      |                              |           |
| CG1D                | X              |                |              |  |             | cg2reascano5  | R2 CG1D SP CANT ANS PROXY REFUSD    |                              |           |
| CG1D                | X              |                |              |  |             | cg2reascano6  | R2 CG1D SP CANT ANS NOT PRESENT     |                              |           |
| CG1D                | X              |                |              |  |             | cg2reascano7  | R2 CG1D SP CANT ANS SP TOO ILL      |                              |           |
| CG1D                | X              |                |              |  |             | cg2reascano8  | R2 CG1D SP CANT ANS LANG BARRIER    |                              |           |
| CG1D                | X              |                |              |  |             | cg2reascano9  | R2 CG1D SP CANT ANS OTHR SPECIFY    |                              |           |
| CG1E                |                |                |              |  | X           |               |                                     |                              |           |

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| CG2                  | X              |                |              |  |             | cg2ratememry  | R2 CG2 RATE YOUR MEMORY            |                              |           |
| CG3                  | X              |                |              |  |             | cg2ofmemprob  | R2 CG3 OFTN MEMRY PROBS INTERFER   |                              |           |
| CG4                  | X              |                |              |  |             | cg2memcom1yr  | R2 CG4 MEMRY COMPARD TO 1 YR AGO   |                              |           |
| CG6Aa                | X              |                |              |  |             | cg2todaydat1  | R2 CG6Aa TODAY'S DATE CORRCT MNTH  |                              |           |
| CG6Ab                | X              |                |              |  |             | cg2todaydat2  | R2 CG6Ab TODAY'S DATE CORRECT DAY  |                              |           |
| CG6Ac                | X              |                |              |  |             | cg2todaydat3  | R2 CG6Ac TODAY'S DATE CORRECT YR   |                              |           |
| CG6Ad                | X              |                |              |  |             | cg2todaydat5  | R2 CG6Ad USED AID FOR MTH DAY YEAR |                              |           |
| CG6Ba                | X              |                |              |  |             | cg2todaydat4  | R2 CG6Ba TODAY'S DATE CORRCT DOW   |                              |           |
| CG6Bb                | X              |                |              |  |             | cg2todaydat6  | R2 CG6Bb USED AID FOR DAY OF WEEK  |                              | yes       |
| CG7PRE               | X              |                |              |  |             | cg2prewrdrcl  | R2 CG7PRE INTRO TO WORD RECALL     |                              |           |
| CG7 Derived Variable | X              |                |              |  |             | cg2dwrdlstnm  | R2 D WHICH WORD LIST ASSIGNED      |                              |           |
| CG8                  | X              |                |              |  |             | cg2wrdsrca1   | R2 CG8 1 TELL WORDS U CAN RECALL   |                              |           |
| CG8                  | X              |                |              |  |             | cg2wrdsrca2   | R2 CG8 2 TELL WORDS U CAN RECALL   |                              |           |
| CG8                  | X              |                |              |  |             | cg2wrdsrca3   | R2 CG8 3 TELL WORDS U CAN RECALL   |                              |           |
| CG8                  | X              |                |              |  |             | cg2wrdsrca4   | R2 CG8 4 TELL WORDS U CAN RECALL   |                              |           |
| CG8                  | X              |                |              |  |             | cg2wrdsrca5   | R2 CG8 5 TELL WORDS U CAN RECALL   |                              |           |
| CG8                  | X              |                |              |  |             | cg2wrdsrca6   | R2 CG8 6 TELL WORDS U CAN RECALL   |                              |           |
| CG8                  | X              |                |              |  |             | cg2wrdsrca7   | R2 CG8 7 TELL WORDS U CAN RECALL   |                              |           |
| CG8                  | X              |                |              |  |             | cg2wrdsrca8   | R2 CG8 8 TELL WORDS U CAN RECALL   |                              |           |
| CG8                  | X              |                |              |  |             | cg2wrdsrca9   | R2 CG8 9 TELL WORDS U CAN RECALL   |                              |           |
| CG8                  | X              |                |              |  |             | cg2wrdsrca10  | R2 CG8 10 TELLWORDS U CAN RECALL   |                              |           |
| CG8 Derived Variable | X              |                |              |  |             | cg2dwrdimmrc  | R2 D SCORE IMMEDIATE WORD RECALL   |                              |           |
| CG8 Derived Variable | X              |                |              |  |             | cg2dwrdirnone | R2 D IMMEDIATE RECALL NONE         |                              |           |
| CG8 Derived Variable | X              |                |              |  |             | cg2dwrdirref  | R2 D IMMEDIATE RECALL REFUSED      |                              |           |
| CG8A                 | X              |                |              |  |             | cg2wrdsntlst  | R2 CG8A WORDS NOT ON LIST          |                              |           |
| CG8B                 | X              |                |              |  |             | cg2numnotlst  | R2 CG8B NUM WORDS NOT ON LIST      |                              |           |
| CG9                  | X              |                |              |  |             | cg2probreca1  | R2 CG9 SP HAD DIFF HEARING WORDS   |                              |           |
| CG9                  | X              |                |              |  |             | cg2probreca2  | R2 CG9 INTERRUPTION AS LIST READ   |                              |           |
| CG9                  | X              |                |              |  |             | cg2probreca3  | R2 CG9 PROB WORD RECALL SPECIFY    |                              |           |
| CG9                  | X              |                |              |  |             | cg2probreca4  | R2 CG9 WD RECALL NO PROB OCCURRD   |                              |           |
| CG9                  | X              |                |              |  |             | cg2probreca5  | R2 CG9 SP REFUSED WORD RECALL      |                              |           |
| CG9A                 |                |                |              |  | X           |               |                                    |                              |           |



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| CG10 Derived Variable | X              |                |              |  |             | cg2dcldraw    | R2 D SCORE OF CLOCK DRAWING TEST |                              |           |
| CG10 Derived Variable | X              |                |              |  |             | cg2dclimgcl   | R2 D IMAGE CLARITY CLOCK DRAWING |                              |           |
| CG10A                 | X              |                |              |  |             | cg2atdrwclck  | R2 CG10A SP ATTEMPT CLOCK DRAWIG |                              |           |
| CG13_1                | X              |                |              |  |             | cg2presidna1  | R2 CG13A PRES LAST NAME CORRECT  |                              |           |
| CG13_2                | X              |                |              |  |             | cg2presidna2  | R2 CG13B PRES LAST NAME INCORRCT |                              |           |
| CG13_3                | X              |                |              |  |             | cg2presidna3  | R2 CG13C PRES FIRST NAME CORRCT  |                              |           |
| CG13_4                | X              |                |              |  |             | cg2presidna4  | R2 CG13D PRES FIRST NAME INCORR  |                              |           |
| CG14_1                | X              |                |              |  |             | cg2vpname1    | R2 CG14A VP LAST NAME CORRECT    |                              |           |
| CG14_2                | X              |                |              |  |             | cg2vpname2    | R2 CG14B VP LAST NAME INCORRECT  |                              |           |
| CG14_3                | X              |                |              |  |             | cg2vpname3    | R2 CG14C VP FIRST NAME CORRECT   |                              |           |
| CG14_4                | X              |                |              |  |             | cg2vpname4    | R2 CG14D VP FIRST NAME INCORRECT |                              |           |
| CG15                  | X              |                |              |  |             | cg2wrdsdcal1  | R2 CG15 1 DELAYED WORD RECALL    |                              |           |
| CG15                  | X              |                |              |  |             | cg2wrdsdcal2  | R2 CG15 2 DELAYED WORD RECALL    |                              |           |
| CG15                  | X              |                |              |  |             | cg2wrdsdcal3  | R2 CG15 3 DELAYED WORD RECALL    |                              |           |
| CG15                  | X              |                |              |  |             | cg2wrdsdcal4  | R2 CG15 4 DELAYED WORD RECALL    |                              |           |
| CG15                  | X              |                |              |  |             | cg2wrdsdcal5  | R2 CG15 5 DELAYED WORD RECALL    |                              |           |
| CG15                  | X              |                |              |  |             | cg2wrdsdcal6  | R2 CG15 6 DELAYED WORD RECALL    |                              |           |
| CG15                  | X              |                |              |  |             | cg2wrdsdcal7  | R2 CG15 7 DELAYED WORD RECALL    |                              |           |
| CG15                  | X              |                |              |  |             | cg2wrdsdcal8  | R2 CG15 8 DELAYED WORD RECALL    |                              |           |
| CG15                  | X              |                |              |  |             | cg2wrdsdcal9  | R2 CG15 9 DELAYED WORD RECALL    |                              |           |
| CG15                  | X              |                |              |  |             | cg2wrdsdca10  | R2 CG15 10 DELAYED WORD RECALL   |                              |           |
| CG15 Derived Variable | X              |                |              |  |             | cg2dwrddlyrc  | R2 D SCORE DELAYED WORD RECALL   |                              |           |
| CG15 Derived Variable | X              |                |              |  |             | cg2dwrddnone  | R2 D DELAYED RECALL NONE         |                              |           |
| CG15 Derived Variable | X              |                |              |  |             | cg2dwrddrref  | R2 D DELAYED RECALL REFUSED      |                              |           |
| CG15a                 |                |                |              |  | X           |               |                                  |                              |           |
| CG16                  | X              |                |              |  |             | cg2wrndnotlst | R2 CG16 WORDS NOT ON LIST        |                              |           |
| CG17                  | X              |                |              |  |             | cg2numwrndnot | R2 CG17 NUM OF WORDS NOT ON LIST |                              |           |
| CG Derived Variable   | X              |                |              |  |             | cg2dwrdd1rcl  | R2 D WORD1 IMMEDIATE RECALL      |                              |           |
| CG Derived Variable   | X              |                |              |  |             | cg2dwrdd2rcl  | R2 D WORD2 IMMEDIATE RECALL      |                              |           |
| CG Derived Variable   | X              |                |              |  |             | cg2dwrdd3rcl  | R2 D WORD3 IMMEDIATE RECALL      |                              |           |
| CG Derived Variable   | X              |                |              |  |             | cg2dwrdd4rcl  | R2 D WORD4 IMMEDIATE RECALL      |                              |           |
| CG Derived Variable   | X              |                |              |  |             | cg2dwrdd5rcl  | R2 D WORD5 IMMEDIATE RECALL      |                              |           |

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| CG Derived Variable | X              |                |              |  |             | cg2dwr6rcl    | R2 D WORD6 IMMEDIATE RECALL      |                              |           |
| CG Derived Variable | X              |                |              |  |             | cg2dwr7rcl    | R2 D WORD7 IMMEDIATE RECALL      |                              |           |
| CG Derived Variable | X              |                |              |  |             | cg2dwr8rcl    | R2 D WORD8 IMMEDIATE RECALL      |                              |           |
| CG Derived Variable | X              |                |              |  |             | cg2dwr9rcl    | R2 D WORD9 IMMEDIATE RECALL      |                              |           |
| CG Derived Variable | X              |                |              |  |             | cg2dwr10rcl   | R2 D WORD10 IMMEDIATE RECALL     |                              |           |
| CG Derived Variable | X              |                |              |  |             | cg2dwr1dly    | R2 D WORD1 DELAYED RECALL        |                              |           |
| CG Derived Variable | X              |                |              |  |             | cg2dwr2dly    | R2 D WORD2 DELAYED RECALL        |                              |           |
| CG Derived Variable | X              |                |              |  |             | cg2dwr3dly    | R2 D WORD3 DELAYED RECALL        |                              |           |
| CG Derived Variable | X              |                |              |  |             | cg2dwr4dly    | R2 D WORD4 DELAYED RECALL        |                              |           |
| CG Derived Variable | X              |                |              |  |             | cg2dwr5dly    | R2 D WORD5 DELAYED RECALL        |                              |           |
| CG Derived Variable | X              |                |              |  |             | cg2dwr6dly    | R2 D WORD6 DELAYED RECALL        |                              |           |
| CG Derived Variable | X              |                |              |  |             | cg2dwr7dly    | R2 D WORD7 DELAYED RECALL        |                              |           |
| CG Derived Variable | X              |                |              |  |             | cg2dwr8dly    | R2 D WORD8 DELAYED RECALL        |                              |           |
| CG Derived Variable | X              |                |              |  |             | cg2dwr9dly    | R2 D WORD9 DELAYED RECALL        |                              |           |
| CG Derived Variable | X              |                |              |  |             | cg2dwr10dly   | R2 D WORD10 DELAYED RECALL       |                              |           |
| MO1                 | X              |                |              |  |             | mo2outoft     | R2 MO1 OFTEN GO OUTSIDE          | *                            |           |
| MO2                 | X              |                |              |  |             | mo2outcane    | R2 MO2 CANE USED OUTSIDE         |                              |           |
| MO3                 | X              |                |              |  |             | mo2outwalkr   | R2 MO3 WALKER USED OUTSIDE       |                              |           |
| MO4                 | X              |                |              |  |             | mo2outwlchr   | R2 MO4 WHEELCHAIR USED OUTSIDE   |                              |           |
| MO5                 | X              |                |              |  |             | mo2outsctr    | R2 MO5 SCOOTER USED OUTSIDE      |                              |           |
| MO6                 | X              |                |              |  |             | mo2outhlp     | R2 MO6 HELP GO OUTSIDE           | *                            |           |
| MO6A                |                | X              |              |  |             | op2outhlp     | R2 MO6A HELPS SP GO OUTSIDE      | *                            |           |
| MO6A                |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP  | *                            |           |
| MO7                 | X              |                |              |  |             | mo2outslf     | R2 MO7 LEFT BY YOURSELF          |                              |           |
| MO8                 | X              |                |              |  |             | mo2outdif     | R2 MO8 HOW DIFFICULT             |                              |           |
| MO9                 | X              |                |              |  |             | mo2outyrgo    | R2 MO9 HOW OFTEN LEAVE           |                              |           |
| MO10                | X              |                |              |  |             | mo2outwout    | R2 MO10 STAYED IN NO HELP        |                              |           |
| MO11                | X              |                |              |  |             | mo2oftgoarea  | R2 MO11 HOW OFTEN GO OTHER AREAS |                              |           |
| MO12                | X              |                |              |  |             | mo2oflvslpr   | R2 MO12 HOW OFTN LEAVE BEDROOM   | *                            |           |
| MO13                | X              |                |              |  |             | mo2insdcane   | R2 MO13 OFTEN USED CANE INSIDE   |                              |           |
| MO14                | X              |                |              |  |             | mo2insdwalkr  | R2 MO14 OFTEN USED WALKER INSIDE |                              |           |
| MO15                | X              |                |              |  |             | mo2insdwlchr  | R2 MO15 OFT USD WHEELCHAR INSIDE |                              |           |

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| MO16                | X              |                |              |  |             | mo2insdctr    | R2 MO16 OFTEN USD SCOOTER INSIDE |                              |           |
| MO17                | X              |                |              |  |             | mo2oftholdwl  | R2 MO17 OFTEN HOLD WALLS INSIDE  |                              |           |
| MO18                | X              |                |              |  |             | mo2insdhlp    | R2 MO18 GOT HELP INSIDE          | *                            |           |
| MO19A               |                | X              |              |  |             | op2insdhlp    | R2 MO19A HELPS SP INSIDE HOUSE   | *                            |           |
| MO19A               |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP  | *                            |           |
| MO20                | X              |                |              |  |             | mo2insdslf    | R2 MO20 HOW OFTEN BY YOURSELF    |                              |           |
| MO21                | X              |                |              |  |             | mo2insddif    | R2 MO21 HOW DIFF GET ARD W DEVCE |                              |           |
| MO22                | X              |                |              |  |             | mo2insdyrgo   | R2 MO22 HOW OFTEN COMPRED YR AGO |                              |           |
| MO23                | X              |                |              |  |             | mo2insdwout   | R2 MO23 PLACES INSIDE DID NOT GO |                              |           |
| MO24                | X              |                |              |  |             | mo2beddev     | R2 MO24 OUT OF BED USED DEVICE   |                              |           |
| MO25                | X              |                |              |  |             | mo2bedhlp     | R2 MO25 GOT HELP OUT OF BED      | *                            |           |
| MO25A               |                | X              |              |  |             | op2bedhlp     | R2 MO25A HELPS SP OUT OF BED     | *                            |           |
| MO25A               |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP  | *                            |           |
| MO26                | X              |                |              |  |             | mo2bedslf     | R2 MO26 OFT GOT OUT BED BY SLF   |                              |           |
| MO27                | X              |                |              |  |             | mo2beddif     | R2 MO27 DIFF GET OUT BED BY SELF |                              |           |
| MO28                | X              |                |              |  |             | mo2bedwout    | R2 MO28 OFTEN HAD TO STAY IN BED |                              |           |
| MO Derived Variable | X              |                |              |  |             | mo2doutsfdf   | R2 D GO OUTSIDE SELF             |                              |           |
| MO Derived Variable | X              |                |              |  |             | mo2doutdevi   | R2 D GO OUTSIDE USING DEVICES    |                              |           |
| MO Derived Variable | X              |                |              |  |             | mo2douthelp   | R2 D GO OUTSIDE USING HELP       | *                            |           |
| MO Derived Variable | X              |                |              |  |             | mo2dinsdsfdf  | R2 D MOVE INSIDE SELF            |                              |           |
| MO Derived Variable | X              |                |              |  |             | mo2dinsddevi  | R2 D MOVE INSIDE WITH DEVICES    |                              |           |
| MO Derived Variable | X              |                |              |  |             | mo2dinsdhelp  | R2 D MOVE INSIDE WITH HELP       | *                            |           |
| MO Derived Variable | X              |                |              |  |             | mo2dbedsfdf   | R2 D GET OUT OF BED              |                              |           |
| MO Derived Variable | X              |                |              |  |             | mo2dbeddevi   | R2 D DEVICE USE 2 GET OUT OF BED |                              |           |
| MO Derived Variable | X              |                |              |  |             | mo2dbedhelp   | R2 D HELP TO GET OUT OF BED      | *                            |           |
| MO Flag Variable    | X              |                |              |  |             | fl2didntleav  | R2 F MO SP DID NOT LEAVE HOME    |                              |           |
| MO Flag Variable    | X              |                |              |  |             | fl2ntlvrmslp  | R2 F MO SP DID NOT LEAVE BEDROOM |                              |           |
| DM1                 | X              |                |              |  |             | dm2helpmobil  | R2 DM1 GET HELP WITH MOBILITY    | *                            |           |
| DM3C                | X              |                |              |  |             | dm2helpstmo   | R2 DM3C MONTH MOBIL HELP STARTED | *                            | yes       |
| DM3C1               | X              |                |              |  |             | dm2helpstyr   | R2 DM3C1 YEAR MOBIL HELP STARTED | *                            | yes       |
| DM3D                | X              |                |              |  |             | dm2helpendmo  | R2 DM3D MONTH MOBIL HELP ENDED   | *                            | yes       |
| DM3D1               | X              |                |              |  |             | dm2helpendyr  | R2 DM3D1 YEAR MOBIL HELP ENDED   | *                            | yes       |

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| DM3E                | X              |                |              |  |             | dm2nohelp     | R2 DM3E NO MOBII HELP MTH PLUS      | *                            | yes       |
| DM3F                | X              |                |              |  |             | dm2nohelpmos  | R2 DM3F MONTHS OF NO MOBII HELP     | *                            | yes       |
| DM4                 | X              |                |              |  |             | dm2lstyr cane | R2 DM4 IN LST YR USE CANE WALKER    | *                            |           |
| DM6C                | X              |                |              |  |             | dm2devstmo    | R2 DM6C MONTH DEVICE USE STARTED    | *                            | yes       |
| DM6C1               | X              |                |              |  |             | dm2devstyr    | R2 DM6C1 YEAR DEVICE USE STARTED    | *                            | yes       |
| DM6D                | X              |                |              |  |             | dm2devendmo   | R2 DM6D MONTH DEVICE USE ENDED      | *                            | yes       |
| DM6D1               | X              |                |              |  |             | dm2devendyr   | R2 DM6D1 YEAR DEVICE USE ENDED      | *                            | yes       |
| DM6E                | X              |                |              |  |             | dm2nodev      | R2 DM6E NO DEVICE MONTH PLUS        | *                            | yes       |
| DM6F                | X              |                |              |  |             | dm2nodevmos   | R2 DM6F MONTHS OF NO DEVICE         | *                            | yes       |
| DM Derived Variable |                |                |              |  |             | dm2dhlp yr    | R2 D ANY MOBILITY HELP LAST YEAR    | *                            |           |
| DM Derived Variable |                |                |              |  |             | dm2dhlpst     | R2 D MTHS MOBILITY HELP STARTED     | *                            | yes       |
| DM Derived Variable |                |                |              |  |             | dm2dhlp end   | R2 D MONTHS MOBILITY HELP ENDED     | *                            | yes       |
| DM Derived Variable |                |                |              |  |             | dm2dhlp betw1 | R2 D MONTHS MO HLP BTW R1 NO R2 NO  | *                            | yes       |
| DM Derived Variable |                |                |              |  |             | dm2dhlp betw2 | R2 D MONTHS MO HLP BTW R1 YS R2 YS  | *                            | yes       |
| DM Derived Variable |                |                |              |  |             | dm2ddevi yr   | R2 D MOB DEVICE USE LAST YR         | *                            |           |
| DM Derived Variable |                |                |              |  |             | dm2ddevist    | R2 D MTHS DEVICE USE SINCE START    | *                            | yes       |
| DM Derived Variable |                |                |              |  |             | dm2ddevi end  | R2 D MONTHS DEVICE USE SINCE END    | *                            | yes       |
| DM Derived Variable |                |                |              |  |             | dm2ddev betw1 | R2 D MONTHS DEV US BTW R1 NO R2 NO  | *                            | yes       |
| DM Derived Variable |                |                |              |  |             | dm2ddev betw2 | R2 D MONTHS DEV US BTWN R1 YS R2 YS | *                            | yes       |
| DT1A                | X              |                |              |  |             | dt2drive yr   | R2 DT1A DRIVE IN LAST YEAR          | *                            | yes       |
| DT1                 | X              |                |              |  |             | dt2oftedrive  | R2 DT1 HOW OFTEN DRIVE PLACES       |                              |           |
| DT3A                | X              |                |              |  |             | dt2avoidriv1  | R2 DT3A AVOID DRIVING AT NIGHT      |                              |           |
| DT3B                | X              |                |              |  |             | dt2avoidriv2  | R2 DT3A AVOID DRIVING ALONE         |                              |           |
| DT3C                | X              |                |              |  |             | dt2avoidriv3  | R2 DT3A AVOID DRIVING HIGHWAYS      |                              |           |
| DT3D                | X              |                |              |  |             | dt2avoidriv4  | R2 DT3A AVOID DRIVING BAD WEATHER   |                              |           |
| DT4A                | X              |                |              |  |             | dt2getoplcs1  | R2 DT4A SP WALKED GOT PLACES        |                              |           |
| DT4B                | X              |                |              |  |             | dt2getoplcs2  | R2 DT4B GOT RIDE FAM FRIEND PD      |                              |           |
| DT4C                | X              |                |              |  |             | dt2getoplcs3  | R2 DT4C VANSHUTTLE PROV BY PLACE    |                              |           |
| DT4D                | X              |                |              |  |             | dt2getoplcs4  | R2 DT4D VAN SHUTTLE FOR SENIORS     |                              |           |
| DT4E                | X              |                |              |  |             | dt2getoplcs5  | R2 DT4E SP TOOK PUBLIC TRANSPRT     |                              |           |
| DT4F                | X              |                |              |  |             | dt2getoplcs6  | R2 DT4F SP TOOK TAXI GOT PLACES     |                              |           |
| DT4G                | X              |                |              |  |             | dt2getoplcs7  | R2 DT4G GOT PLACES OTHR SPECIFY     |                              |           |

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| DT4H                 |                |                |              |  | X           |               |                                   |                              |           |
| DT5A                 |                | X              |              |  |             | op2tkplhp1    | R2 DT5A TAKES SP PLACES MOST      |                              |           |
| DT5A                 |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP   |                              |           |
| DT6                  | X              |                |              |  |             | dt2otrfamtk   | R2 DT6 ANTH FND FAM MEM TOOK YOU  |                              |           |
| DT7A                 |                | X              |              |  |             | op2tkplhp2    | R2 DT7A TAKES SP PLACES OTH       |                              |           |
| DT7A                 |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP   |                              |           |
| DT Flag Variable     | X              |                |              |  |             | fl2drives     | R2 F DT SP DRIVES CAR             |                              |           |
| DT Flag Variable     | X              |                |              |  |             | fl2drvlstyr   | R2 F DT SP DROVE CAR IN PAST YR   |                              |           |
| HA1                  | X              |                |              |  |             | ha2laun       | R2 HA1 HOW LAUNDRY GOT DONE       |                              |           |
| HA1A                 | X              |                |              |  |             | ha2launself   | R2 HA1A DO LAUNDRY YOURSELF       |                              |           |
| HA2                  | X              |                |              |  |             | ha2whrmachi1  | R2 HA2 WASH MACHINE IN HOME       |                              |           |
| HA2                  | X              |                |              |  |             | ha2whrmachi2  | R2 HA2 WASH MACHIN IN BUILDING    |                              |           |
| HA2                  | X              |                |              |  |             | ha2whrmachi3  | R2 HA2 WASH MACHIN LAUNDROMAT     |                              |           |
| HA2                  | X              |                |              |  |             | ha2whrmachi4  | R2 HA2 WASH MACHIN SINK IN HOME   |                              |           |
| HA2                  | X              |                |              |  |             | ha2whrmachi5  | R2 HA2 WASH MACH SINK IN BUILDNG  |                              |           |
| HA2                  | X              |                |              |  |             | ha2whrmachi6  | R2 HA2 WASH MACHIN OTHR SPECIFY   |                              |           |
| HA2A                 |                |                |              |  | X           |               |                                   |                              |           |
| HA3A                 |                | X              |              |  |             | op2launhlp    | R2 HA3A HELPS SP WITH LAUNDRY     |                              |           |
| HA3A                 |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP   |                              |           |
| HA4 Derived Variable | X              |                |              |  |             | ha2dlaunreas  | R2 D LAUNDRY REASN WITH BY OTHERS |                              |           |
| HA5                  | X              |                |              |  |             | ha2laundif    | R2 HA5 DIFF DOING LAUNDY BY SELF  |                              |           |
| HA6                  | X              |                |              |  |             | ha2launoft    | R2 HA6 HOW OFTEN DO LAUNDRY       |                              |           |
| HA7                  | X              |                |              |  |             | ha2launwout   | R2 HA7 EVER GO WOUT CLEAN LAUNDR  |                              |           |
| HA20                 | X              |                |              |  |             | ha2shop       | R2 HA20 HOW YOUR SHOPPING DONE    |                              |           |
| HA20A                | X              |                |              |  |             | ha2shopsself  | R2 HA20A EVER SHOP BY YOURSELF    |                              |           |
| HA22                 | X              |                |              |  |             | ha2howpaygr1  | R2 HA22 PAY GROC PERS ITMS CASH   |                              |           |
| HA22                 | X              |                |              |  |             | ha2howpaygr2  | R2 HA22 PAY GROC PERS ITMS CHCK   |                              |           |
| HA22                 | X              |                |              |  |             | ha2howpaygr3  | R2 HA22 PAY GROC PERS ITMS DEBIT  |                              |           |
| HA22                 | X              |                |              |  |             | ha2howpaygr4  | R2 HA22 PAY GROC PERS CREDIT      |                              |           |
| HA22                 | X              |                |              |  |             | ha2howpaygr5  | R2 HA22 PAY GROC PERS FOOD STMP   |                              |           |
| HA22                 | X              |                |              |  |             | ha2howpaygr6  | R2 HA22 PAY GROC PERS SMON ELS    |                              |           |
| HA22                 | X              |                |              |  |             | ha2howpaygr7  | R2 HA22 PAY GROC PERS OTHR SPEC   |                              |           |

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| HA23                  | X              |                |              |  |             | ha2howgtstr1  | R2 HA23 DROVE TO THE STORE       |                              |           |
| HA23                  | X              |                |              |  |             | ha2howgtstr2  | R2 HA23 FAM FRND PD HLP DROVE    |                              |           |
| HA23                  | X              |                |              |  |             | ha2howgtstr3  | R2 HA23 VAN PLACE SP LIVES DROVE |                              |           |
| HA23                  | X              |                |              |  |             | ha2howgtstr4  | R2 HA23 VAN 4 DIS SENIORS DROVE  |                              |           |
| HA23                  | X              |                |              |  |             | ha2howgtstr5  | R2 HA23 PUBLIC TRANSPORT 2 STORE |                              |           |
| HA23                  | X              |                |              |  |             | ha2howgtstr6  | R2 HA23 SP TOOK TAXI 2 THE STORE |                              |           |
| HA23                  | X              |                |              |  |             | ha2howgtstr7  | R2 HA23 SP WALKED TO THE STORE   |                              |           |
| HA23                  | X              |                |              |  |             | ha2howgtstr8  | R2 HA23 OTHR SPECIFY TO STORE    |                              |           |
| HA23A                 |                |                |              |  | X           |               |                                  |                              |           |
| HA24A                 | X              |                |              |  |             | ha2shopcart   | R2 HA24A EVER USE MOTORIZED CART |                              |           |
| HA24B                 | X              |                |              |  |             | ha2shoplean   | R2 HA24B EVER LEAN ON SHOP CART  |                              |           |
| HA25A                 |                | X              |              |  |             | op2shophlp    | R2 HA25A HELPS SP WITH SHOPPING  |                              |           |
| HA25A                 |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP  |                              |           |
| HA26 Derived Variable | X              |                |              |  |             | ha2dshopreas  | R2 D SHOP REASN WITH BY OTHERS   |                              |           |
| HA27                  | X              |                |              |  |             | ha2shopdif    | R2 HA27 DIFF SHOPPING BY SELF    |                              |           |
| HA28                  | X              |                |              |  |             | ha2shopoft    | R2 HA28 HOW OFT SHOP GROCERIES   |                              |           |
| HA29                  | X              |                |              |  |             | ha2shopwout   | R2 HA29 EVER GO WITHOUT GROCRIES |                              |           |
| HA30                  | X              |                |              |  |             | ha2meal       | R2 HA30 HOW HOT MEALS GET MADE   |                              |           |
| HA30A                 | X              |                |              |  |             | ha2mealslf    | R2 HA30A MAKE HOT MEALS YOURSELF |                              |           |
| HA30B                 | X              |                |              |  |             | ha2restamels  | R2 HA30B OFTN HAV RESTARNT MEALS |                              |           |
| HA31                  | X              |                |              |  |             | ha2oftmicrow  | R2 HA31 OFTEN USE THE MICROWAVE  |                              |           |
| HA32A                 |                | X              |              |  |             | op2mealhlp    | R2 HA32A HELPS SP WITH MEALS     |                              |           |
| HA32A                 |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP  |                              |           |
| HA33 Derived Variable | X              |                |              |  |             | ha2dmealreas  | R2 D MEALS REASN WITH BY OTHERS  |                              |           |
| HA34                  | X              |                |              |  |             | ha2mealdif    | R2 HA34 DIFICULTY MAK MEALS SELF |                              |           |
| HA35                  | X              |                |              |  |             | ha2mealoft    | R2 HA35 HOW OFTEN MAKE HOT MEALS |                              |           |
| HA36                  | X              |                |              |  |             | ha2mealwout   | R2 HA36 EVER GO WITHOUT HOT MEAL |                              |           |
| HA40                  | X              |                |              |  |             | ha2bank       | R2 HA40 HOW BILLS BANKIN HANDLED |                              |           |
| HA40A                 | X              |                |              |  |             | ha2bankslf    | R2 HA40A HNDL BILLS BNKING YRSLF |                              |           |
| HA42A                 |                | X              |              |  |             | op2bankhlp    | R2 HA42A HELPS SP WITH BANKING   |                              |           |
| HA42A                 |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP  |                              |           |
| HA43 Derived Variable | X              |                |              |  |             | ha2dbankreas  | R2 D BANK BILL REASN WITH BY OTH |                              |           |

NHATS R2 Beta Crosswalk between Instruments and Codebook

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|---------------------|----------------|----------------|--------------|--|-------------|---------------|----------------------------------|------------------------------|-----------|
| HA44                | X              |                |              |  |             | ha2bankdif    | R2 HA44 DIF HNDL BLLS BNKING SLF |                              |           |
| HA45                | X              |                |              |  |             | ha2bankoft    | R2 HA45 HOW OFTEN YOU PAY BILLS  |                              |           |
| HA46                | X              |                |              |  |             | ha2bankwout   | R2 HA46 EVER GO WOUT PAYIN BILLS |                              |           |
| HA50                | X              |                |              |  |             | ha2money      | R2 HA50 MONEY MATTERS TO HANDLE  |                              |           |
| HA51                | X              |                |              |  |             | ha2moneyhlp   | R2 HA51 ANYONE HLP W MONY MATTRS |                              |           |
| HA52A               |                | X              |              |  |             | op2moneyhlp   | R2 HA52A HELPS SP WITH MONEY     |                              |           |
| HA52A               |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP  |                              |           |
| HA Derived Variable | X              |                |              |  |             | ha2dlaunsfdf  | R2 D LAUNDRY SELF AND DIFF LEVEL |                              |           |
| HA Derived Variable | X              |                |              |  |             | ha2dshopsfdf  | R2 D SLF SHOPPING AND DIFF LEVEL |                              |           |
| HA Derived Variable | X              |                |              |  |             | ha2dmealsfdf  | R2 D SELF MEALS AND DIFF LEVEL   |                              |           |
| HA Derived Variable | X              |                |              |  |             | ha2dbanksfdf  | R2 D SELF BANKS AND DIFF LEVEL   |                              |           |
| HA Derived Variable | X              |                |              |  |             | ha2dmealwhl   | R2 D HELPER IS MEALS ON WHEELS   |                              |           |
| HA Derived Variable | X              |                |              |  |             | ha2dmealtkot  | R2 D HELPER IS RESTAURNT TAKEOUT |                              |           |
| SC1                 | X              |                |              |  |             | sc2eatdev     | R2 SC1 EVER USE ADAPTED UTENSILS | *                            |           |
| SC2                 | X              |                |              |  |             | sc2eatdevoft  | R2 SC2 OFTEN USE ADAPTED UTENSLS |                              |           |
| SC3                 | X              |                |              |  |             | sc2eathlp     | R2 SC3 DID ANYONE HELP YOU EAT   | *                            |           |
| SC3A                |                | X              |              |  |             | op2eathlp     | R2 SC3A HELPS SP WITH EATING     | *                            |           |
| SC3D                |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP  | *                            |           |
| SC4                 | X              |                |              |  |             | sc2eatslfoft  | R2 SC4 HOW OFTEN EAT BY YOURSELF |                              |           |
| SC5                 | X              |                |              |  |             | sc2eatsldif   | R2 SC5 DIFFICULTY EATING BY SELF |                              |           |
| SC6                 | X              |                |              |  |             | sc2eatwout    | R2 SC6 GO WOUT EAT BECSE NO HELP |                              |           |
| SC7(1)              | X              |                |              |  |             | sc2showrbat1  | R2 SC7 SP SHOWERED               | *                            |           |
| SC7(2)              | X              |                |              |  |             | sc2showrbat2  | R2 SC7 SP TOOK BATHS IN A TUB    | *                            |           |
| SC7(3)              | X              |                |              |  |             | sc2showrbat3  | R2 SC7 SP WASHED SOME OTHR WAY   | *                            |           |
| SC7A                | X              |                |              |  |             | sc2bdevdec    | R2 SC7A USE BATH DEVICE IN LML   | *                            | yes       |
| SC8                 | X              |                |              |  |             | sc2prfrshbth  | R2 SC8 PREFER SHOWR BATH OR OTHR |                              |           |
| SC9                 | X              |                |              |  |             | sc2scusgrbrs  | R2 SC9 HOW OFTEN USE GRAB BARS   |                              |           |
| SC10                | X              |                |              |  |             | sc2shtubseat  | R2 SC10 OFTN USE SHOWR TUB SEAT  |                              |           |
| SC11                | X              |                |              |  |             | sc2bathhlp    | R2 SC11 ANYN HLP SHOWR BATH OTHR | *                            |           |
| SC11A               |                | X              |              |  |             | op2bathhlp    | R2 SC11A HELPS SP WITH BATHING   | *                            |           |
| SC11D               |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP  | *                            |           |
| SC12                | X              |                |              |  |             | sc2bathoft    | R2 SC12 HOW OFTEN BATHE YOURSELF |                              |           |

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|---------------------|----------------|----------------|--------------|--|-------------|---------------|-----------------------------------|------------------------------|-----------|
| SC13                | X              |                |              |  |             | sc2bathdif    | R2 SC13 DIFF USING BARS OR SEATS  |                              |           |
| SC14                | X              |                |              |  |             | sc2bathyrgo   | R2 SC14 BATHE MRE OFT THN YR AGO  |                              |           |
| SC15                | X              |                |              |  |             | sc2bathwout   | R2 SC15 EVER GO WITHOUT WASHING   |                              |           |
| SC16a               | X              |                |              |  |             | sc2usvartoi1  | R2 SC16 SP USED PORTABLE COMMODOE | *                            |           |
| SC16b               | X              |                |              |  |             | sc2usvartoi2  | R2 SC16 SP USED PADS UNDERGMT     | *                            |           |
| SC16c               | X              |                |              |  |             | sc2usvartoi3  | R2 SC16 USED GRABBARS FR TOILET   | *                            |           |
| SC16d               | X              |                |              |  |             | sc2usvartoi4  | R2 SC16 USED RAISED TOILET SEAT   | *                            |           |
| SC17                | X              |                |              |  |             | sc2toilhlp    | R2 SC17 ANYON HLP YOU USE TOILET  | *                            |           |
| SC17A               |                | X              |              |  |             | op2toilhlp    | R2 SC17A HELPS SP WITH TOILETING  | *                            |           |
| SC17D               |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP   | *                            |           |
| SC18                | X              |                |              |  |             | sc2toiloft    | R2 SC18 OFTEN USE TOILET BY SELF  |                              |           |
| SC19                | X              |                |              |  |             | sc2toildif    | R2 SC19 DIFFICUTY TOILETING SELF  |                              |           |
| SC20                | X              |                |              |  |             | sc2toilwout   | R2 SC20 ACCIDENT WET SOIL CLTHES  |                              |           |
| SC21                | X              |                |              |  |             | sc2dresoft    | R2 SC21 OFTEN YOU GET DRESSED     | *                            |           |
| SC22                | X              |                |              |  |             | sc2dresdev    | R2 SC22 USE SPECL ITEMS TO DRESS  | *                            |           |
| SC23                | X              |                |              |  |             | sc2dreshlp    | R2 SC23 ANYONE HELP GET DRESSED   | *                            |           |
| SC23A               |                | X              |              |  |             | op2dreshlp    | R2 SC23A HELPS SP WITH DRESSING   | *                            |           |
| SC23D               |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP   | *                            |           |
| SC24                | X              |                |              |  |             | sc2dresslf    | R2 SC24 OFTEN YOU DRESS YOURSELF  |                              |           |
| SC25                | X              |                |              |  |             | sc2dresdif    | R2 SC25 DIF WHN US SP ITMS YRSFL  |                              |           |
| SC26                | X              |                |              |  |             | sc2dresyrgo   | R2 SC26 HOW OFTN YOU GET DRESSED  |                              |           |
| SC27                | X              |                |              |  |             | sc2dreswout   | R2 SC27 GO WITHOUT GTTNG DRESSED  |                              |           |
| SC Derived Variable | X              |                |              |  |             | sc2deatdevi   | R2 D USES DEVICES WHILE EATING    | *                            |           |
| SC Derived Variable | X              |                |              |  |             | sc2deathelp   | R2 D HAS HELP EATING              | *                            |           |
| SC Derived Variable | X              |                |              |  |             | sc2deatsfdf   | R2 D DIFF EATING BY SELF WO HELP  |                              |           |
| SC Derived Variable | X              |                |              |  |             | sc2dbathdevi  | R2 D USES DEVICES WHILE BATHING   | *                            |           |
| SC Derived Variable | X              |                |              |  |             | sc2dbathhlp   | R2 D HAS HELP WHILE BATHING       | *                            |           |
| SC Derived Variable | X              |                |              |  |             | sc2dbathsfdf  | R2 D DIFF BATHING SELF NO HELP    |                              |           |
| SC Derived Variable | X              |                |              |  |             | sc2dtoildevi  | R2 D USES DEVICE WHILE TOILETING  | *                            |           |
| SC Derived Variable | X              |                |              |  |             | sc2dtoilhlp   | R2 D HAS HELP WHILE TOILETING     | *                            |           |
| SC Derived Variable | X              |                |              |  |             | sc2dtoilsfdf  | R2 D DIFF LEVEL TOILETING SELF    |                              |           |
| SC Derived Variable | X              |                |              |  |             | sc2ddresdevi  | R2 D USES DEVICES WHILE DRESSING  | *                            |           |



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|----------------------|----------------|----------------|--------------|--|-------------|---------------|--------------------------------------|------------------------------|-----------|
| SC Derived Variable  | X              |                |              |  |             | sc2ddreshelp  | R2 D HAS HELP WHILE DRESSING         | *                            |           |
| SC Derived Variable  | X              |                |              |  |             | sc2ddressfdf  | R2 D DIFF LEVEL DRESSING SELF        |                              |           |
| SC Flag Variable     | X              |                |              |  |             | fl2showering  | R2 F SC SP USES SHOWER               |                              |           |
| SC Flag Variable     | X              |                |              |  |             | fl2takingbth  | R2 F SC SP TAKES BATHS               |                              |           |
| SC Flag Variable     | X              |                |              |  |             | fl2washingup  | R2 F SC SP WASHES OTHER WAY          |                              |           |
| DS1                  | X              |                |              |  |             | ds2gethlp eat | R2 DS1 GET HELP WITH EATING, ETC     | *                            |           |
| DS3C                 | X              |                |              |  |             | ds2helpstmo   | R2 DS3C MONTH SELF CARE HLP START    | *                            | yes       |
| DS3C1                | X              |                |              |  |             | ds2helpstyr   | R2 DS3C1 YEAR SELF CARE HELP STARTED | *                            |           |
| DS3D                 | X              |                |              |  |             | ds2helpendmo  | R2 DS3D MONTH SELF CARE HELP ENDED   | *                            |           |
| DS3D1                | X              |                |              |  |             | ds2helpendyr  | R2 DS3D1 YEAR SELF CARE HELP ENDED   | *                            |           |
| DS3E                 | X              |                |              |  |             | ds2nohelp     | R2 DS3E NO SELF CARE HELP MTH PLUS   | *                            |           |
| DS3F                 | X              |                |              |  |             | ds2nohelpmos  | R2 DS3F MONTHS OF NO SELF CARE HELP  | *                            |           |
| DS Derived Variable  |                |                |              |  |             | ds2dhlpyr     | R2 D ANY SELF CARE HELP LAST YEAR    | *                            |           |
| DS Derived Variable  |                |                |              |  |             | ds2dhlpst     | R2 D MTHS SINCE SLF CARE HELP ST     | *                            |           |
| DS Derived Variable  |                |                |              |  |             | ds2dhlpend    | R2 D MTHS SINCE SLF CARE HLP END     | *                            |           |
| DS Derived Variable  |                |                |              |  |             | ds2dhlpbetw1  | R2 D MTHS SC HLP BTW R1 NO R2 NO     |                              | yes       |
| DS Derived Variable  |                |                |              |  |             | ds2dhlpbetw2  | R2 D MTHS SC HLP BTW R1 YS R2 YS     |                              | yes       |
| MC1                  | X              |                |              |  |             | mc2meds       | R2 MC1 IN MNTH TKE MEDS PRESCRBD     |                              |           |
| MC2                  | X              |                |              |  |             | mc2medstrk    | R2 MC2 KEEP TRCK PRESCRIBED MEDS     |                              |           |
| MC2A                 | X              |                |              |  |             | mc2medsslfl   | R2 MC2A LAST MNTH KEEP TRACK SLF     |                              |           |
| MC3                  | X              |                |              |  |             | mc2whrgtmed1  | R2 MC3 SP GOT MEDS LOCAL STORE       |                              |           |
| MC3                  | X              |                |              |  |             | mc2whrgtmed2  | R2 MC3 SP GOT MEDS BY MAIL           |                              |           |
| MC3                  | X              |                |              |  |             | mc2whrgtmed3  | R2 MC3 SP GOT MEDS HC PRVDR HSP      |                              |           |
| MC3                  | X              |                |              |  |             | mc2whrgtmed4  | R2 MC3 SP GOT MEDS OTHR SPECIFY      |                              |           |
| MC3A                 |                |                |              |  | X           |               |                                      |                              |           |
| MC3B                 | X              |                |              |  |             | mc2howpkupm1  | R2 MC3B SP PICKD UP MEDS BY SELF     |                              |           |
| MC3B                 | X              |                |              |  |             | mc2howpkupm2  | R2 MC3B SP HAD MEDS DELIVERED        |                              |           |
| MC3B                 | X              |                |              |  |             | mc2howpkupm3  | R2 MC3B SMEON ELSE PICKD UP MEDS     |                              |           |
| MC4                  | X              |                |              |  |             | mc2medsrem    | R2 MC4 USE REMNDERS TO KEEP TRCK     |                              |           |
| MC5A                 |                | X              |              |  |             | op2medshlp    | R2 MC5A HELPS SP WITH MEDICINES      |                              |           |
| MC5A                 |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP      |                              |           |
| MC6 Derived Variable | X              |                |              |  |             | mc2dmedsreas  | R2 D MEDS REASN BY WITH OTHERS       |                              |           |

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|---------------------|----------------|----------------|--------------|--|-------------|---------------|----------------------------------|------------------------------|-----------|
| MC7                 | X              |                |              |  |             | mc2medsdif    | R2 MC7 HOW DIFFIC KEEP TRACK MED |                              |           |
| MC8                 | X              |                |              |  |             | mc2medsyrgo   | R2 MC8 COMPAR YR AGO HW KEP TRCK |                              |           |
| MC9                 | X              |                |              |  |             | mc2medsmis    | R2 MC9 MAKE MISTAKE TAKING MEDS  |                              |           |
| MC10                | X              |                |              |  |             | mc2havregdoc  | R2 MC10 YOU HAVE REGULAR DOCTOR  |                              |           |
| MC11                |                |                |              |  | X           |               |                                  |                              |           |
| MC11A               |                |                |              |  | X           |               |                                  |                              |           |
| MC12                | X              |                |              |  |             | mc2regdoclyr  | R2 MC12 SEEN REG DOC WTHN LST YR |                              |           |
| MC15                | X              |                |              |  |             | mc2hwgtregd1  | R2 MC15 SP DROVE SELF TO REG DOC |                              |           |
| MC15                | X              |                |              |  |             | mc2hwgtregd2  | R2 MC15 FAM PD HLP DRVE REG DOC  |                              |           |
| MC15                | X              |                |              |  |             | mc2hwgtregd3  | R2 MC15 VAN PLCE SP LIVE REG DOC |                              |           |
| MC15                | X              |                |              |  |             | mc2hwgtregd4  | R2 MC15 VAN FR DIS SENIOR REG DC |                              |           |
| MC15                | X              |                |              |  |             | mc2hwgtregd5  | R2 MC15 PUBLIC TRANSPORT REG DOC |                              |           |
| MC15                | X              |                |              |  |             | mc2hwgtregd6  | R2 MC15 SP TOOK TAXI TO REG DOC  |                              |           |
| MC15                | X              |                |              |  |             | mc2hwgtregd7  | R2 MC15 SP WALKED TO REG DOC     |                              |           |
| MC15                | X              |                |              |  |             | mc2hwgtregd8  | R2 MC15 REG DOC WAS HOME VISIT   |                              |           |
| MC15                | X              |                |              |  |             | mc2hwgtregd9  | R2 MC15 OTHR SPECIFY REG DOC     |                              |           |
| MC15A               |                |                |              |  | X           |               |                                  |                              |           |
| MC16                | X              |                |              |  |             | mc2ansitindr  | R2 MC16 ANONE SIT IN W YOU AT DR |                              |           |
| MC17A               |                | X              |              |  |             | op2dochlp     | R2 MC17A SITS IN W SP AT DRS     |                              |           |
| MC17A               |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP  |                              |           |
| MC17B               |                |                |              |  | X           |               |                                  |                              |           |
| MC18                |                | X              |              |  |             | op2dochlpmst  | R2 MC18 SITS MOST IF MORE THAN 1 |                              |           |
| MC19                | X              |                |              |  |             | mc2tpersevr1  | R2 MC19 HLP UPTO EXAM TBL DRESS  |                              |           |
| MC19                | X              |                |              |  |             | mc2tpersevr2  | R2 MC19 REMND SP OF QSTNS FR DOC |                              |           |
| MC19                | X              |                |              |  |             | mc2tpersevr3  | R2 MC19 ASK TELL DOC THINGS 4 SP |                              |           |
| MC19                | X              |                |              |  |             | mc2tpersevr4  | R2 MC19 HLP SP UNDERSTAND DOC    |                              |           |
| MC20                | X              |                |              |  |             | mc2chginspln  | R2 MC20 CHGD ADD INS OR DRUG PLN |                              |           |
| MC21                | X              |                |              |  |             | mc2anhlpwdec  | R2 MC21 ANYONE HELP W DECISION   |                              |           |
| MC22A               |                | X              |              |  |             | op2insurhlp   | R2 MC22A HELPS WITH INSUR DECIS  |                              |           |
| MC22A               |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP  |                              |           |
| MC Derived Variable | X              |                |              |  |             | mc2dmedssfdf  | R2 D DIFF LEVEL MEDICATIONS SELF |                              |           |
| PA1                 | X              |                |              |  |             | pa2vistfrfam  | R2 PA1 EVER VISIT FRIENDS FAMILY |                              |           |

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| PA2                     | X              |                |              |  |             | pa2hlkepfvst  | R2 PA2 HLTH KP FR VIST FAM FRNDS  |                              |           |
| PA3                     | X              |                |              |  |             | pa2trkpfrvis  | R2 PA3 TRAN PRB KP FR VST FRNDS   |                              |           |
| PA4                     | X              |                |              |  |             | pa2impvstfam  | R2 PA4 IMPRTNT VISIT FRNDS FAMLY  |                              |           |
| PA5                     | X              |                |              |  |             | pa2attrelser  | R2 PA5 EVER ATTEND RELIG SERVICES |                              |           |
| PA6                     | X              |                |              |  |             | pa2htkfrrlsr  | R2 PA6 HEALTH KEEP FRM RELI SERV  |                              |           |
| PA7                     | X              |                |              |  |             | pa2trprrelsr  | R2 PA7 TRAN PRO KEEP FM RELG SER  |                              |           |
| PA8                     | X              |                |              |  |             | pa2imprelser  | R2 PA8 HW IMPORT ARE RELIG SERVS  |                              |           |
| PA9                     | X              |                |              |  |             | pa2clbmtgrac  | R2 PA9 CLUB MEETINGS GRP ACTIVES  |                              |           |
| PA10                    | X              |                |              |  |             | pa2hlkpfrclb  | R2 PA10 HELTH KEP FRM CLB MTINGS  |                              |           |
| PA11                    | X              |                |              |  |             | pa2trprkpfgr  | R2 PA11 TRANS PROB KEEP FM GROPS  |                              |           |
| PA12                    | X              |                |              |  |             | pa2imparclub  | R2 PA12 IMPORT PARTIC CLUBS GRUP  |                              |           |
| PA13                    | X              |                |              |  |             | pa2outfrenjy  | R2 PA13 EVER GO OUT FOR ENJOYMNT  |                              |           |
| PA14                    | X              |                |              |  |             | pa2hlkpgoenj  | R2 PA14 HLTH KP GO OUT FOR ENJOY  |                              |           |
| PA15                    | X              |                |              |  |             | pa2trprgoout  | R2 PA15 TRANSPROB KEEP FM GO OUT  |                              |           |
| PA16                    | X              |                |              |  |             | pa2impouteny  | R2 PA16 IMPORT GO OUT FOR ENJOYT  |                              |           |
| PA17                    | X              |                |              |  |             | pa2workfrpay  | R2 PA17 EVER WORK FOR PAY         |                              |           |
| PA18                    | X              |                |              |  |             | pa2hlkpfrwrk  | R2 PA18 HEALTH KEEP YOU FRM WORK  |                              |           |
| PA19                    | X              |                |              |  |             | pa2voltrwork  | R2 PA19 EVER DO VOLUNTEER WORK    |                              |           |
| PA20                    | X              |                |              |  |             | pa2hlkpfrvol  | R2 PA20 HELTH KEEP FM VOLUNTRING  |                              |           |
| PA21                    | X              |                |              |  |             | pa2prcranoth  | R2 PA21 PROVIDE CARE ANTHET PERS  |                              |           |
| PA22A                   |                | X              |              |  |             | op2spcaredfr  | R2 PA22D SP CARED FOR PERSON      |                              |           |
| PA22A                   |                | X              |              |  |             | op2relatnshp  | R2 OTHR PRSN RELATIONSHIP TO SP   |                              |           |
| PA23                    | X              |                |              |  |             | pa2evrgowalk  | R2 PA23 EVER GO WALKING           |                              |           |
| PA24                    | X              |                |              |  |             | pa2vigoractv  | R2 PA24 EVER VIGOROUS ACTIVITIES  |                              |           |
| PA25A                   | X              |                |              |  |             | pa2dofavact   | R2 PA25A GET TO DO FAV ACT LST YR | *                            | yes       |
| PA26                    | X              |                |              |  |             | pa2helmfvact  | R2 PA26 HEALTH LIMIT FAV ACTIVITY |                              |           |
| PA Derived Variable V2. | X              |                |              |  |             | pa1dv2favact  | R1 D VERSION 2 FAVORITE ACTIVITY  |                              | yes       |
| SD2                     | X              |                |              |  |             | sd2smokesnow  | R2 SD2 SMOKES NOW                 |                              |           |
| SD3                     | X              |                |              |  |             | sd2numcigday  | R2 SD3 NUM OF CIGARETTES PER DAY  |                              |           |
| PE1                     | X              |                |              |  |             | pe2whhndsign  | R2 PE1 HAND USE TO SIGN YOR NAME  |                              |           |
| PE2                     | X              |                |              |  |             | pe2surghdwrst | R2 PE2 HAVE SURGRY TO HAND WRIST  |                              |           |
| PE3                     | X              |                |              |  |             | pe2surgyside  | R2 PE3 WHICH SIDE WAS SURGERY     |                              |           |

NHATS R2 Beta Crosswalk between Instruments and Codebook

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|---------------------|----------------|----------------|--------------|--|-------------|---------------|----------------------------------|------------------------------|-----------|
| PE4                 | X              |                |              |  |             | pe2flruppain  | R2 PE4 EXPER FLARE UP PAIN HAND  |                              |           |
| PE5                 | X              |                |              |  |             | pe2sideflrup  | R2 PE5 SIDE CURRNT FLARE UP PAIN |                              |           |
| PE6                 | X              |                |              |  |             | pe2surgarmsh  | R2 PE6 SURGERY ARM OR SHOULDER   |                              |           |
| PE7                 | X              |                |              |  |             | pe2sidsurgar  | R2 PE7 SIDE SURGERY ARM OR SHLDR |                              |           |
| PE8                 | X              |                |              |  |             | pe2surgyhips  | R2 PE8 SURG HIPS INCLUD REPLCMNT |                              |           |
| PE9                 | X              |                |              |  |             | pe2sidhipserg | R2 PE9 SIDE WAS HIP SURGERY ON   |                              |           |
| PE11                | X              |                |              |  |             | pe2stndwhold  | R2 PE11 STAND WITHOUT HOLDING ON |                              |           |
| PE12                | X              |                |              |  |             | pe2upchbyslf  | R2 PE12 GET UP OUT CHAIR BY SELF |                              |           |
| PE13                | X              |                |              |  |             | pe2wlkdsself  | R2 PE13 WALK SHORT DIST BY SELF  |                              |           |
| PE14                |                |                |              |  | X           |               |                                  |                              |           |
| PE15                |                |                |              |  | X           |               |                                  |                              |           |
| PE Flag Variable    | X              |                |              |  |             | fl2lefthand   | R2 F PE CAN SP DO LEFT HAND TEST |                              |           |
| PE Flag Variable    | X              |                |              |  |             | fl2righthand  | R2 F PE CAN SP DO RGT HAND TEST  |                              |           |
| PE Flag Variable    | X              |                |              |  |             | fl2eiherhand  | R2 F PE CAN SP DO EITHR HAND TST |                              |           |
| PE Flag Variable    | X              |                |              |  |             | fl2lftgrptst  | R2 F PE CAN SP DO LFT GRIP TEST  |                              |           |
| PE Flag Variable    | X              |                |              |  |             | fl2rhtgrptst  | R2 F PE CAN SP DO RIGHT GRIP TST |                              |           |
| PE Flag Variable    | X              |                |              |  |             | fl2charstnds  | R2 F PE CAN SP DO CHAIR STANDS   |                              |           |
| PE Flag Variable    | X              |                |              |  |             | fl2balstands  | R2 F PE CAN SP DO BALANCE STANDS |                              |           |
| PE Flag Variable    | X              |                |              |  |             | fl2wlkingrse  | R2 F PE CAN SP DO WALKING COURSE |                              |           |
| AB Derived Variable | X              |                |              |  |             | ba2dblssadm   | R2 D BALANCE SIDE BY SIDE ADMIN  |                              |           |
| AB Derived Variable | X              |                |              |  |             | ba2dblstadm   | R2 D BALANCE SEMI TANDEM ADMIN   |                              |           |
| AB Derived Variable | X              |                |              |  |             | ba2dblftadm   | R2 D BALANCE FULL TANDEM ADMIN   |                              |           |
| AB Derived Variable | X              |                |              |  |             | ba2dblopadm   | R2 D BALANCE 1 LEG OP EYE ADMIN  |                              |           |
| AB Derived Variable | X              |                |              |  |             | ba2dblcladm   | R2 D BALANCE 1 LEG CLS EYE ADMIN |                              |           |
| AB Derived Variable | X              |                |              |  |             | wa2dwlkadm    | R2 D WALKING COURSE ADMIN        |                              |           |
| AB Derived Variable | X              |                |              |  |             | ch2dschradm   | R2 D SINGLE CHAIR ADMIN          |                              |           |
| AB Derived Variable | X              |                |              |  |             | ch2drchradm   | R2 D REPEAT CHAIR ADMIN          |                              |           |
| AB Derived Variable | X              |                |              |  |             | gr2dgripadm   | R2 D GRIP STRENGTH ADMIN         |                              |           |
| AB Derived Variable | X              |                |              |  |             | wc2dwaistadm  | R2 D WAIST CIRCUMFERENCE ADMIN   |                              |           |
| AB Derived Variable | X              |                |              |  |             | pk2dpeakadm   | R2 D PEAK AIR FLOW ADMIN         |                              |           |
| INT_DATE_DD         |                |                |              |  | X           |               |                                  |                              |           |
| INT_DATE_MM         | X              |                |              |  |             | ab2datemonth  | R2 AB COVER DATE MONTH           |                              |           |

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| INT_DATE_YYYY      | X              |                |              |  |             | ab2dateyear   | R2 AB COVER DATE YEAR            |                              |           |
| IN8_HRS            | X              |                |              |  |             | in2strtabhrs  | R2 IN8 START TIME HOURS          |                              |           |
| IN8_MINS           | X              |                |              |  |             | in2strtabmin  | R2 IN8 START TIME MINUTES        |                              |           |
| IN8_AMPM           | X              |                |              |  |             | in2strtmampm  | R2 IN8 START TIME AM OR PM       |                              |           |
| BA1                |                |                |              |  | X           |               |                                  |                              |           |
| BA2                |                |                |              |  | X           |               |                                  |                              |           |
| BA3                | X              |                |              |  |             | ba2sxsresult  | R2 BA3 SIDE BY SIDE STAND RESULT |                              |           |
| BA4a               | X              |                |              |  |             | ba2blstdsecs  | R2 BA4A SECS SIDE BY SIDE STAND  |                              |           |
| BA4b               | X              |                |              |  |             | ba2blstdhndr  | R2 BA4B HNRDS SIDE BY SIDE STND  |                              |           |
| BA5_1              | X              |                |              |  |             | ba2rsn1ssstd  | R2 BA5 1 NO STAND SP FELT UNSAFE |                              |           |
| BA5_2              | X              |                |              |  |             | ba2rsn2ssstd  | R2 BA5 2 NO STAND PRXY FELT UNSF |                              |           |
| BA5_3              | X              |                |              |  |             | ba2rsn3ssstd  | R2 BA5 3 NO STND INTWR FELT UNSF |                              |           |
| BA5_4              | X              |                |              |  |             | ba2rsn4ssstd  | R2 BA5 4NO STND SP UNABL2UNDRSTD |                              |           |
| BA5_9              | X              |                |              |  |             | ba2rsn9ssstd  | R2 BA5 9 NO STAND OTHER SPECIFY  |                              |           |
| BA5_OS             |                |                |              |  | X           |               |                                  |                              |           |
| BA6                |                |                |              |  | X           |               |                                  |                              |           |
| BA7                | X              |                |              |  |             | ba2stdmreslt  | R2 BA7 SEMI TANDEM STAND RESULT  |                              |           |
| BA8a               | X              |                |              |  |             | ba2stdmsecs   | R2 BA8A SECS HELD SEMI TANDM STD |                              |           |
| BA8b               | X              |                |              |  |             | ba2stdmhndr   | R2 BA8B HNRDS HLD SEMI TANDM STD |                              |           |
| BA9_1              | X              |                |              |  |             | ba2rsn1ststd  | R2 BA9 1 NO STNDM SP FELT UNSAFE |                              |           |
| BA9_2              | X              |                |              |  |             | ba2rsn2ststd  | R2 BA9 2NO STNDM PRXY FELT UNSAF |                              |           |
| BA9_3              | X              |                |              |  |             | ba2rsn3ststd  | R2 BA9 3 NO STNDM INTR FELT UNSF |                              |           |
| BA9_4              | X              |                |              |  |             | ba2rsn4ststd  | R2 BA9 4NO STNDM SP UNABL2UNDSTD |                              |           |
| BA9_9              | X              |                |              |  |             | ba2rsn9ststd  | R2 BA9 9 NO STNDM OTHER SPECIFY  |                              |           |
| BA9_OS             |                |                |              |  | X           |               |                                  |                              |           |
| BA10               |                |                |              |  | X           |               |                                  |                              |           |
| BA11               | X              |                |              |  |             | ba2ftdmreslt  | R2 BA11 FULL TANDEM STAND RESULT |                              |           |
| BA12a              | X              |                |              |  |             | ba2ftdmsecs   | R2 BA12A SECS HLD FULL TANDM STD |                              |           |
| BA12b              | X              |                |              |  |             | ba2ftdmhndr   | R2 BA12B HNRDS HLD FLL TANDM STD |                              |           |
| BA13_1             | X              |                |              |  |             | ba2rsn1ftstd  | R2 BA13 1 NO FTNDM SP FLT UNSAFE |                              |           |
| BA13_2             | X              |                |              |  |             | ba2rsn2ftstd  | R2 BA13 2NO FTNDM PRXY FLT UNSAF |                              |           |
| BA13_3             | X              |                |              |  |             | ba2rsn3ftstd  | R2 BA13 3 NO FTNDM INTR FLT UNSF |                              |           |

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| BA13_4             | X              |                |              |  |             | ba2rsn4ftstd  | R2 BA13 4NO FTNDM SP UNABL2UNDST |                              |           |
| BA13_9             | X              |                |              |  |             | ba2rsn9ftstd  | R2 BA13 9 NO FTNDM OTHER SPECIFY |                              |           |
| BA13_OS            |                |                |              |  | X           |               |                                  |                              |           |
| BA14               |                |                |              |  | X           |               |                                  |                              |           |
| BA15               | X              |                |              |  |             | ba21leoreslt  | R2 BA15 ONE LEG STAND EYES OPEN  |                              |           |
| BA16a              | X              |                |              |  |             | ba21leosfsec  | R2 BA16A SECS HLD 1LEG EYES OPEN |                              |           |
| BA16b              | X              |                |              |  |             | ba21leohndr   | R2 BA16B HNRDS HLD 1LEG EYE OPEN |                              |           |
| BA17_1             | X              |                |              |  |             | ba2rsn11leo   | R2 BA17 1 NO1LEGEO SP FLT UNSAFE |                              |           |
| BA17_2             | X              |                |              |  |             | ba2rsn21leo   | R2 BA17 2NO1LEGEO PRXY FLT UNSAF |                              |           |
| BA17_3             | X              |                |              |  |             | ba2rsn31leo   | R2 BA17 3 NO1LEGEO INTR FLT UNSF |                              |           |
| BA17_4             | X              |                |              |  |             | ba2rsn41leo   | R2 BA17 4NO1LEGEO SP UNABL2UNDST |                              |           |
| BA17_5             | X              |                |              |  |             | ba2rsn91leo   | R2 BA17 9NO1LEGEO OTHER SPECIFY  |                              |           |
| BA17_OS            |                |                |              |  | X           |               |                                  |                              |           |
| BA18               |                |                |              |  | X           |               |                                  |                              |           |
| BA19               | X              |                |              |  |             | ba21lecreslt  | R2 BA19 ONE LEG STAND EYES CLOS  |                              |           |
| BA20a              | X              |                |              |  |             | ba21lecsfsec  | R2 BA20A SECS HLD 1LEG EYES CLOS |                              |           |
| BA20b              | X              |                |              |  |             | ba21lechndr   | R2 BA20B HNRDS HLD 1LEG EYE CLOS |                              |           |
| BA21_1             | X              |                |              |  |             | ba2rsn11lec   | R2 BA21 1 NO1LEGEC SP FLT UNSAFE |                              |           |
| BA21_2             | X              |                |              |  |             | ba2rsn21lec   | R2 BA21 2NO1LEGEC PRXY FLT UNSAF |                              |           |
| BA21_3             | X              |                |              |  |             | ba2rsn31lec   | R2 BA21 3 NO1LEGEC INTR FLT UNSF |                              |           |
| BA21_4             | X              |                |              |  |             | ba2rsn41lec   | R2 BA21 4NO1LEGEC SP UNABL2UNDST |                              |           |
| BA21_9             | X              |                |              |  |             | ba2rsn91lec   | R2 BA21 9NO1LEGEC OTHER SPECIFY  |                              |           |
| BA21_OS            |                |                |              |  | X           |               |                                  |                              |           |
| WA1                |                |                |              |  | X           |               |                                  |                              |           |
| WA2                | X              |                |              |  |             | wa2wlkcorpc   | R2 WA2 WALKING COURSE SPACE      |                              |           |
| WA3a               |                |                |              |  | X           |               |                                  |                              |           |
| WA3b               |                |                |              |  | X           |               |                                  |                              |           |
| WA3c               |                |                |              |  | X           |               |                                  |                              |           |
| WA4                | X              |                |              |  |             | wa2wkaidused  | R2 WA4 WALKING AID USED COURSE 1 |                              |           |
| WA4_OS             |                |                |              |  | X           |               |                                  |                              |           |
| WA5                | X              |                |              |  |             | wa2wlkc1rslt  | R2 WA5 WALKING COURSE 1 RESULT   |                              |           |
| WA6A               | X              |                |              |  |             | wa2wlkc1secs  | R2 WA6A SECS HLD WALKNG COURSE1  |                              |           |

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| WA6B               | X              |                |              |  |             | wa2wlc1hndr   | R2 WA6B HNRDS HLD WALKNG COURSE1  |                              |           |
| WA7_1              | X              |                |              |  |             | wa2rsn11wkc   | R2 WA7 1 WLKCOURS1 SP FLT UNSAFE  |                              |           |
| WA7_2              | X              |                |              |  |             | wa2rsn21wkc   | R2 WA7 2WLKCOURS1 PRXY FLT UNSAF  |                              |           |
| WA7_3              | X              |                |              |  |             | wa2rsn31wkc   | R2 WA7 3WLKCOURS1 INTR FLT UNSF   |                              |           |
| WA7_4              | X              |                |              |  |             | wa2rsn41wkc   | R2 WA7 4WLKCOURS1 SP UNABL2UNDST  |                              |           |
| WA7_5              | X              |                |              |  |             | wa2rsn51wkc   | R2 WA7 5WLKCOURS1 NOT APPR SPACE  |                              |           |
| WA7_9              | X              |                |              |  |             | wa2rsn91wkc   | R2 WA7 9WLKCOURS1 OTHER SPECIFY   |                              |           |
| WA7_OS             |                |                |              |  | X           |               |                                   |                              |           |
| WA8                | X              |                |              |  |             | wa2wkaidusc2  | R2 WA4 WALKING AID USED COURSE 2  |                              |           |
| WA8_OS             |                |                |              |  | X           |               |                                   |                              |           |
| WA9                | X              |                |              |  |             | wa2wlc2rslt   | R2 WA9 WALKING COURSE 2 RESULT    |                              |           |
| WA10a              | X              |                |              |  |             | wa2wlc2secs   | R2 WA10A SECS HLD WALKNG COURSE2  |                              |           |
| WA10b              | X              |                |              |  |             | wa2wlc2hndr   | R2 WA10B HNRDS HLD WALKNG COURSE2 |                              |           |
| WA11_1             | X              |                |              |  |             | wa2rsn12wkc   | R2 WA11 1 WKCOURS2 SP FLT UNSAFE  |                              |           |
| WA11_2             | X              |                |              |  |             | wa2rsn22wkc   | R2 WA11 2WKCOURS2 PRXY FLT UNSAF  |                              |           |
| WA11_3             | X              |                |              |  |             | wa2rsn32wkc   | R2 WA11 3WKCOURS2 INTR FLT UNSF   |                              |           |
| WA11_4             | X              |                |              |  |             | wa2rsn42wkc   | R2 WA11 4WKCOURS2 SP UNABL2UNDST  |                              |           |
| WA11_9             | X              |                |              |  |             | wa2rsn92wkc   | R2 WA11 9WKCOURS2 OTHER SPECIFY   |                              |           |
| WA11_OS            |                |                |              |  | X           |               |                                   |                              |           |
| CH1                |                |                |              |  | X           |               |                                   |                              |           |
| CH2                | X              |                |              |  |             | ch2chravail   | R2 CH2 APPROPRIATE CHAIR AVAIL    |                              |           |
| CH3                |                |                |              |  | X           |               |                                   |                              |           |
| CH4                | X              |                |              |  |             | ch2chstcompl  | R2 CH4 CHAIR STND COMPLETED TRY1  |                              |           |
| CH5                | X              |                |              |  |             | ch2chairheit  | R2 CH5 CHAIR HEIGHT(INCHES)       |                              |           |
| CH6                | X              |                |              |  |             | ch2whlchrusd  | R2 CH6 WHEELCHAIR USED            |                              |           |
| CH7                | X              |                |              |  |             | ch2sgchstres  | R2 CH7 SINGLE CHAIR STAND RESLT   |                              |           |
| CH8                | X              |                |              |  |             | ch2armuse     | R2 CH8 CHAIR STAND ARM USE        |                              |           |
| CH9_1              | X              |                |              |  |             | ch2rsn11chs   | R2 CH9 1CH STAND1 SP FLT UNSAFE   |                              |           |
| CH9_2              | X              |                |              |  |             | ch2rsn21chs   | R2 CH9 2CH STAND1 PRXY FLT UNSAF  |                              |           |
| CH9_3              | X              |                |              |  |             | ch2rsn31chs   | R2 CH9 3CH STAND1 INTR FLT UNSF   |                              |           |
| CH9_4              | X              |                |              |  |             | ch2rsn41chs   | R2 CH9 4CH STAND1 SP UNABL2UNDST  |                              |           |
| CH9_5              | X              |                |              |  |             | ch2rsn51chs   | R2 CH9 5CH STAND1 NOT APPR CHAIR  |                              |           |

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| CH9_9              | X              |                |              |  |             | ch2rsn91chs   | R2 CH9 9CH STAND1 OTHER SPECIFY  |                              |           |
| CH9_OS             |                |                |              |  | X           |               |                                  |                              |           |
| CH10               |                |                |              |  | X           |               |                                  |                              |           |
| CH11               |                |                |              |  | X           |               |                                  |                              |           |
| CH12               | X              |                |              |  |             | ch22chstrslt  | R2 CH12 REPEAT CHAIR STAND RSLTS |                              |           |
| CH13a              | X              |                |              |  |             | ch2chstndsec  | R2 CH13A TIME REPEAT CH STD SECS |                              |           |
| CH13b              | X              |                |              |  |             | ch2chstdhndr  | R2 CH13B TIME RPEAT CH STD HNRDS |                              |           |
| CH14               | X              |                |              |  |             | ch2chstddone  | R2 CH14 NUMBER CHAIR STANDS DONE |                              |           |
| CH15_1             | X              |                |              |  |             | ch2chstntdn1  | R2 CH15 1 CH STD SP TIRED        |                              |           |
| CH15_2             | X              |                |              |  |             | ch2chstntdn2  | R2 CH15 2 CH STD SP USED ARMS    |                              |           |
| CH15_3             | X              |                |              |  |             | ch2chstntdn3  | R2 CH15 3 CH STD OVER 1 MIN      |                              |           |
| CH15_4             | X              |                |              |  |             | ch2chstntdn4  | R2 CH15 4 CH STD CNCRN SP SAFETY |                              |           |
| CH15_5             | X              |                |              |  |             | ch2chstntdn5  | R2 CH15 5 CH STD SP STOPPED      |                              |           |
| CH15_9             | X              |                |              |  |             | ch2chstntdn9  | R2 CH15 9 CH STD OTHERSPECIFY    |                              |           |
| CH15_OS            |                |                |              |  | X           |               |                                  |                              |           |
| CH16_1             | X              |                |              |  |             | ch2chstntat1  | R2 CH16 1 NO CH ST SP UNSAFE     |                              |           |
| CH16_2             | X              |                |              |  |             | ch2chstntat2  | R2 CH16 2 NO CH ST PRXY UNSAFE   |                              |           |
| CH16_3             | X              |                |              |  |             | ch2chstntat3  | R2 CH16 3 NO CH ST INTV UNSAFE   |                              |           |
| CH16_4             | X              |                |              |  |             | ch2chstntat4  | R2 CH16 4 NO CH ST SP UNAB2UNDST |                              |           |
| CH16_9             | X              |                |              |  |             | ch2chstntat9  | R2 CH16 9 NO CH ST OTHER SPEC    |                              |           |
| CH16_OS            |                |                |              |  | X           |               |                                  |                              |           |
| GR1                |                |                |              |  | X           |               |                                  |                              |           |
| GR2                |                |                |              |  | X           |               |                                  |                              |           |
| GR3                | X              |                |              |  |             | gr2handtstd1  | R2 GR3 GRIP1 TEST WHICH HAND     |                              |           |
| GR4                | X              |                |              |  |             | gr2adjgr1ps3  | R2 GR4 GRIP1POSITION ADJUST TO 3 |                              |           |
| GR5                | X              |                |              |  |             | gr2grp1reslt  | R2 GR5 GRIP STRENGTH 1 RESULT    |                              |           |
| GR6                | X              |                |              |  |             | gr2grp1rdng   | R2 GR6 GRP1 DISPLAY READING      |                              |           |
| GR7_1              | X              |                |              |  |             | gr2grp1noat1  | R2 GR7 1 SP FELT UNSAFE          |                              |           |
| GR7_2              | X              |                |              |  |             | gr2grp1noat2  | R2 GR7 2 PROXY FELT UNSAFE       |                              |           |
| GR7_3              | X              |                |              |  |             | gr2grp1noat3  | R2 GR7 3 INTERVIEWR FELT UNSAFE  |                              |           |
| GR7_4              | X              |                |              |  |             | gr2grp1noat4  | R2 GR7 4 SP UNABLE 2 UNDERSTAND  |                              |           |
| GR7_9              | X              |                |              |  |             | gr2grp1noat9  | R2 GR7 9 OTHER SPECIFY           |                              |           |



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| GR7_OS             |                |                |              |  | X           |               |                                  |                              |           |
| GR8                | X              |                |              |  |             | gr2handtstd2  | R2 GR8 GRIP2 TEST WHICH HAND     |                              |           |
| GR9                | X              |                |              |  |             | gr2adjgr2ps3  | R2 GR9 GRIP2POSITION ADJUST TO 3 |                              |           |
| GR10               | X              |                |              |  |             | gr2grp2reslt  | R2 GR10GRIP STRENGTH 2 RESULT    |                              |           |
| GR11               | X              |                |              |  |             | gr2grp2rdng   | R2 GR11GRP2 DISPLAY READING      |                              |           |
| GR12_1             | X              |                |              |  |             | gr2grp2noat1  | R2 GR12 1 SP FELT UNSAFE         |                              |           |
| GR12_2             | X              |                |              |  |             | gr2grp2noat2  | R2 GR12 2 PROXY FELT UNSAFE      |                              |           |
| GR12_3             | X              |                |              |  |             | gr2grp2noat3  | R2 GR12 3 INTERVIEWR FELT UNSAFE |                              |           |
| GR12_4             | X              |                |              |  |             | gr2grp2noat4  | R2 GR12 4 SP UNABLE 2 UNDERSTAND |                              |           |
| GR12_9             | X              |                |              |  |             | gr2grp2noat9  | R2 GR12 9 OTHER SPECIFY          |                              |           |
| GR12_OS            |                |                |              |  | X           |               |                                  |                              |           |
| WC1                |                |                |              |  | X           |               |                                  |                              |           |
| WC2_1              | X              |                |              |  |             | wc2measdiff1  | R2 WC2 1 MEAS DIFF NONE          |                              |           |
| WC2_2              | X              |                |              |  |             | wc2measdiff2  | R2 WC2 2 MEAS DIFF DIFF BREATH   |                              |           |
| WC2_3              | X              |                |              |  |             | wc2measdiff3  | R2 WC2 3 MEAS DIFF NOHOLD BREATH |                              |           |
| WC2_4              | X              |                |              |  |             | wc2measdiff4  | R2 WC2 4 MEAS DIFF EFFORT PAIN   |                              |           |
| WC2_5              | X              |                |              |  |             | wc2measdiff5  | R2 WC2 5 MEAS DIFF EFFORT OTHER  |                              |           |
| WC2_6              | X              |                |              |  |             | wc2measdiff6  | R2 WC2 6 MEAS DIFF LOCATE NAVEL  |                              |           |
| WC2_9              | X              |                |              |  |             | wc2measdiff9  | R2 WC2 9 MEAS DIFF OTHER SPECIFY |                              |           |
| WC2_OS             |                |                |              |  | X           |               |                                  |                              |           |
| WC3                | X              |                |              |  |             | wc2waistrslt  | R2 W3 WAIST CIRCUMFRNC RESULTS   |                              |           |
| WC4a               | X              |                |              |  |             | wc2wstmsrinc  | R2 W4A WAIST MEASURE INCHES      |                              |           |
| WC4b               | X              |                |              |  |             | wc2wstmsqrt   | R1W4B WAIST MEASURE QTR INCHES   |                              |           |
| WC5                | X              |                |              |  |             | wc2wstbulkcl  | R2 WC5 BULKY CLOTHING WORN       |                              |           |
| WC6                | X              |                |              |  |             | wc2whomeasur  | R2 WC6 WHO MEASURED              |                              |           |
| WC7                | X              |                |              |  |             | wc2wstpostn   | R2 WC7 POSITION 4 WAIST MEASURE  |                              |           |
| WC8_1              | X              |                |              |  |             | wc2wstnotat1  | R2 WC8 1 NO WC SP FELT UNSAFE    |                              |           |
| WC8_2              | X              |                |              |  |             | wc2wstnotat2  | R2 WC8 2 NO WC PROXY UNSAFE      |                              |           |
| WC8_3              | X              |                |              |  |             | wc2wstnotat3  | R2 WC8 3 NO WC INTERVIEWR UNSAFE |                              |           |
| WC8_4              | X              |                |              |  |             | wc2wstnotat4  | R2 WC8 4 NO WC SP UNABLE2UNDRSTD |                              |           |
| WC8_5              | X              |                |              |  |             | wc2wstnotat5  | R2 WC8 5 NO WC SP REFUSED        |                              |           |
| WC8_9              | X              |                |              |  |             | wc2wstnotat9  | R2 WC8 9 NO WC OTHER SPECIFY     |                              |           |

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| WC8_OS             |                |                |              |  | X           |               |                                  |                              |           |
| PK1                |                |                |              |  | X           |               |                                  |                              |           |
| PK2                | X              |                |              |  |             | pk2pkarf1pos  | R2 PK2 PEAK AIR FLOW 1 POSITION  |                              |           |
| PK3                | X              |                |              |  |             | pk2pkarf1ef   | R2 PK3 PK AIR FLW 1 EFFORT GIVEN |                              |           |
| PK4                | X              |                |              |  |             | pk2pkarf1rs   | R2 PK4 PEAK AIR FLOW 1 RESULT    |                              |           |
| PK5                | X              |                |              |  |             | pk2pkarf1rd   | R2 PK5 PEAK AIR FLOW 1 READING   |                              |           |
| PK6_1              | X              |                |              |  |             | pk2pk1noatt1  | R2 PK6 1 PEAK NO SP FELT UNSAFE  |                              |           |
| PK6_2              | X              |                |              |  |             | pk2pk1noatt2  | R2 PK6 2 PEAK NO PROXY UNSAFE    |                              |           |
| PK6_3              | X              |                |              |  |             | pk2pk1noatt3  | R2 PK6 3 PEAK NO INTERVWR UNSAFE |                              |           |
| PK6_4              | X              |                |              |  |             | pk2pk1noatt4  | R2 PK6 4 PEAK NO SP UNABL2UNDSTD |                              |           |
| PK6_9              | X              |                |              |  |             | pk2pk1noatt9  | R2 PK6 9 PEAK NO OTHER SPECIFY   |                              |           |
| PK6_OS             |                |                |              |  | X           |               |                                  |                              |           |
| PK7                | X              |                |              |  |             | pk2paf2posit  | R2 PK7 PEAK AIR FLOW 2 POSITION  |                              |           |
| PK8                | X              |                |              |  |             | pk2pkarf2ef   | R2 PK8 PEAK AIR FLW 2 EFFRT GIVN |                              |           |
| PK9                | X              |                |              |  |             | pk2pkarf2rs   | R2 PK9 PEAK AIR FLOW 2 RESULT    |                              |           |
| PK10               | X              |                |              |  |             | pk2pkarf2rd   | R2 PK10 PEAK AIR FLOW 2 READING  |                              |           |
| PK11_1             | X              |                |              |  |             | pk2pk2noatt1  | R2 PK11 1 PEAK NO SP FELT UNSAFE |                              |           |
| PK11_2             | X              |                |              |  |             | pk2pk2noatt2  | R2 PK11 2 PEAK NO PROXY UNSAFE   |                              |           |
| PK11_3             | X              |                |              |  |             | pk2pk2noatt3  | R2 PK11 3 PEAK NO INTRVWR UNSAFE |                              |           |
| PK11_4             | X              |                |              |  |             | pk2pk2noatt4  | R2 PK11 4 PEAK NO SP UNABL2UNDST |                              |           |
| PK11_9             | X              |                |              |  |             | pk2pk2noatt9  | R2 PK11 9 PEAK NO OTHER SPECIFY  |                              |           |
| PK11_OS            |                |                |              |  | X           |               |                                  |                              |           |
| CL2_HRS            | X              |                |              |  |             | cl2endtimhrs  | R2 CL1 HRS END TIME HOURS        |                              |           |
| CL2_MINS           | X              |                |              |  |             | cl2endtimmin  | R2 CL1 MINS END TIME MINUTES     |                              |           |
| CL2_AMPM           | X              |                |              |  |             | cl2endtmampm  | R2 CL1 AMPM END TIME AM OR PM    |                              |           |
| SPPB dataset       | X              |                |              |  |             | r2dnhatssppb  | R2 D NHATS SPPB SCORE            |                              |           |
| SPPB dataset       | X              |                |              |  |             | r2dnhatsbasc  | R2 D NHATS BALANCE SCORE         |                              |           |
| SPPB dataset       | X              |                |              |  |             | r2dnhatsswsc  | R2 D NHATS WALK SCORE            |                              |           |
| SPPB dataset       | X              |                |              |  |             | r2dnhatschsc  | R2 D NHATS REPEAT CHAIR SCORE    |                              |           |
| SPPB dataset       | X              |                |              |  |             | r2dnhatsgrav  | R2 D NHATS AVG GRIP SCORE        |                              |           |
| SPPB dataset       | X              |                |              |  |             | r2dnhatsgrb   | R2 D NHATS BEST GRIP SCORE       |                              |           |
| SPPB dataset       | X              |                |              |  |             | r2dnhatsspkav | R2 D NHATS AVG AIR FLOW SCORE    |                              |           |

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| SPPB dataset       | X              |                |              |  |             | r2dnhatspkb   | R2 D NHATS BEST AIR FLOW SCORE     |                              |           |
| SPPB dataset       | X              |                |              |  |             | r2dspbmiss    | R2 D REASON MISSING SPPB           |                              |           |
| SPPB dataset       | X              |                |              |  |             | r2dorigsppb   | R2 D ORIGINAL SPPB SCORE           |                              |           |
| SPPB dataset       | X              |                |              |  |             | r2dorigbasc   | R2 D ORIGINAL BALNCE SCORE         |                              |           |
| SPPB dataset       | X              |                |              |  |             | r2dorigwksc   | R2 D ORIGINAL WALK SCORE           |                              |           |
| SPPB dataset       | X              |                |              |  |             | r2dorigchsc   | R2 D ORIGINAL REPEAT CHAIR SCORE   |                              |           |
| HW2                | X              |                |              |  |             | hw2currweigh  | R2 HW2 YOU CURRENTLY WEIGH         |                              |           |
| HW4                | X              |                |              |  |             | hw2lst10pnds  | R2 HW4 LOST 10 POUNDS IN LAST YR   |                              |           |
| HW5                | X              |                |              |  |             | hw2trytolose  | R2 HW5 WERE YOU TRYNG LOSE WEGHT   |                              |           |
| HW7                | X              |                |              |  |             | hw2howtallft  | R2 HW7 HOW TALL ARE YOU FEET       |                              |           |
| HW8                | X              |                |              |  |             | hw2howtallin  | R2 HW8 HOW TALL ARE YOU INCHES     |                              |           |
| EL11               | X              |                |              |  |             | el2mothalive  | R2 EL11 YOUR MOTHER STILL LIVING   |                              |           |
| EL12               | X              |                |              |  |             | el2fathalive  | R2 EL12 YOUR FATHER STILL LIVING   |                              |           |
| WB1                | X              |                |              |  |             | wb2offelche1  | R2 WB1 OFTEN YOU FEEL CHEERFUL     |                              |           |
| WB1                | X              |                |              |  |             | wb2offelche2  | R2 WB1 OFTEN YOU FEEL BORED        |                              |           |
| WB1                | X              |                |              |  |             | wb2offelche3  | R2 WB1 OFTEN YOU FEEL FULLOFLIFE   |                              |           |
| WB1                | X              |                |              |  |             | wb2offelche4  | R2 WB1 OFTEN YOU FEEL UPSET        |                              |           |
| WB2                | X              |                |              |  |             | wb2truestme1  | R2 WB2 SP LIFE HAS MEANING PURPS   |                              |           |
| WB2                | X              |                |              |  |             | wb2truestme2  | R2 WB2 SP FEELS CONFIDENT          |                              |           |
| WB2                | X              |                |              |  |             | wb2truestme3  | R2 WB2 SP GAVE UP IMPROVING LIFE   |                              |           |
| WB2                | X              |                |              |  |             | wb2truestme4  | R2 WB2 SP LIKES LIVING SITUATION   |                              |           |
| WB3                | X              |                |              |  |             | wb2ageyofeel  | R2 WB3 AGE YOU FEEL MOST OF TIME   |                              |           |
| WB4                | X              |                |              |  |             | wb2agrwstmt1  | R2 WB4 SP SELF DETERMINATION       |                              |           |
| WB4                | X              |                |              |  |             | wb2agrwstmt2  | R2 WB4 SP WANTS-FINDS WAY TO DO    |                              |           |
| WB4                | X              |                |              |  |             | wb2agrwstmt3  | R2 WB4 SP ADJUSTS TO CHANGE        |                              |           |
| IP1                | X              |                |              |  |             | ip2covmedcad  | R2 IP1 COVERD BY MEDICARE PART D   |                              |           |
| IP2                | X              |                |              |  |             | ip2otdrugcov  | R2 IP2 DRUG COVERG SOME OTHR WAY   |                              |           |
| IP3                | X              |                |              |  |             | ip2mgapmedsp  | R2 IP3 MEDIGAP OR MEDICARE SUPP    |                              |           |
| IP4                | X              |                |              |  |             | ip2cmedicaid  | R2 IP4 COV BY STATE MEDICAID PRG   |                              |           |
| IP5                | X              |                |              |  |             | ip2covtricar  | R2 IP5 COVERED BY TRICARE          |                              |           |
| IP5A               | X              |                |              |  |             | ip2nginslast  | R2 IP5A HAVE LTC INS FROM LAST INT |                              | yes       |
| IP6                | X              |                |              |  |             | ip2nginsnurs  | R2 IP6 NONGOV INSR FOR NURS HOME   |                              |           |

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| IP7                 | X              |                |              |  |             | ip2typcarco1  | R2 IP7 LTC INS NURSNG HOME COVD   |                              |           |
| IP7                 | X              |                |              |  |             | ip2typcarco2  | R2 IP7 LTC INS ASSISTD LVNG COVD  |                              |           |
| IP7                 | X              |                |              |  |             | ip2typcarco3  | R2 IP7 LTC INS HOME HEALTH COVD   |                              |           |
| IP8                 | X              |                |              |  |             | ip2payprems   | R2 IP8 HOW MUCH PAY IN PREMIUMS   |                              |           |
| LF1                 | X              |                |              |  |             | lf2workfpay   | R2 LF1 WORKED FOR PAY RECENTLY    |                              |           |
| LF2                 | X              |                |              |  |             | lf2abstlstwk  | R2 LF2 ABSENT FRM JOB LAST WEEK   |                              |           |
| LF3                 | X              |                |              |  |             | lf2wrkplstmn  | R2 LF3 WORK FOR PAY IN LST MONTH  |                              |           |
| LF4                 | X              |                |              |  |             | lf2mrthnonjb  | R2 LF4 MOR THN ONE JOB LAST WEEK  |                              |           |
| LF5                 | X              |                |              |  |             | lf2hrswkwork  | R2 LF5 HRS PR WEEK WORK MAIN JOB  |                              |           |
| LF6                 | X              |                |              |  |             | lf2hrwrkltwk  | R2 LF6 HOURS WORK LAST WEEK       |                              |           |
| LF7                 | X              |                |              |  |             | lf2hrwrklstw  | R2 LF7 HOW MN Y HOURS DID YOU WRK |                              |           |
| LF8                 | X              |                |              |  |             | lf2oftpaid    | R2 LF8 HOW OFTN PAID ON MAIN JOB  |                              |           |
| LF8A                |                |                |              |  | X           |               |                                   |                              |           |
| LF11A               |                |                |              |  | X           |               |                                   |                              |           |
| LF13                | X              |                |              |  |             | lf2huswifwrk  | R2 LF13 HUSB WIFE PARTN PAY WORK  |                              |           |
| LF Derived Variable | X              |                |              |  |             | lf2doccup     | R2 D CURRENT OCCUPATION CATEGORY  |                              | yes       |
| HP1                 | X              |                |              |  |             | hp2ownrentot  | R2 HP1 OWN RENT OR OTHER          |                              |           |
| HP2                 | X              |                |              |  |             | hp2mrtpadoff  | R2 HP2 MORTGAGE PAID OFF          |                              |           |
| HP3                 | X              |                |              |  |             | hp2mthlymort  | R2 HP3 MORTGAGE PAYMNT EACH MNTH  |                              |           |
| HP3A                | X              |                |              |  |             | hp2mortpaymt  | R2 HP3A MORTGAGE PAYMENT AMOUNT   |                              |           |
| HP3B                | X              |                |              |  |             | hp2whnpayoff  | R2 HP3B WHEN EXPCT PAY OFF MORTG  |                              |           |
| HP3C                | X              |                |              |  |             | hp2amtstlowe  | R2 HP3C HOW MUCH STILL OWE        |                              |           |
| HP3D                | X              |                |              |  |             | hp2amoutowed  | R2 HP3D THE AMOUNT OWED IS        |                              |           |
| HP4                 | X              |                |              |  |             | hp2homevalue  | R2 HP4 PRESENT VALUE OF HOME      |                              |           |
| HP4A                | X              |                |              |  |             | hp2homvalamt  | R2 HP4A HOME VALUE AMOUNT         |                              |           |
| HP5                 | X              |                |              |  |             | hp2payrent    | R2 HP5 DO YOU PAY RENT            |                              |           |
| HP6                 | X              |                |              |  |             | hp2rentamt    | R2 HP6 RENT PAID EACH MONTH       |                              |           |
| HP6A                | X              |                |              |  |             | hp2rentamout  | R2 HP6A RENT AMOUNT               |                              |           |
| HP7                 | X              |                |              |  |             | hp2sec8pubsn  | R2 HP7 HME SEC 8 PUBL SENOR HOUS  |                              |           |
| EW1                 | X              |                |              |  |             | ew2pycredbal  | R2 EW1 PAY OFF CREDIT CARD BALAN  |                              |           |
| EW2                 | X              |                |              |  |             | ew2crecardeb  | R2 EW2 TOTAL CREDIT CARD DEBT     |                              |           |
| EW3                 | X              |                |              |  |             | ew2credcdmed  | R2 EW3 CREDIT CARD MEDICAL CARE   |                              |           |

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| EW4                | X              |                |              |  |             | ew2amtcrdmed  | R2 EW4 AMT ON CARDS FOR MED CARE |                              |           |
| EW5                | X              |                |              |  |             | ew2medpaovtm  | R2 EW5 MED BILLS PAID OVERTIME   |                              |           |
| EW6                | X              |                |              |  |             | ew2ampadovrt  | R2 EW6 AMT FOR MED BILL OVR TIME |                              |           |
| EW7                | X              |                |              |  |             | ew2finhlpfam  | R2 EW7 FINANCIAL HELP FRM FAMILY |                              |           |
| EW8                | X              |                |              |  |             | ew2whohelpf1  | R2 EW8 CHILD HELPED FINANCIALLY  |                              |           |
| EW8                | X              |                |              |  |             | ew2whohelpf2  | R2 EW8 OTHER HELPED FINANCIALLY  |                              |           |
| EW9                |                | X              |              |  |             | op2chhlpfin   | R2 EW9 CHILDREN WHO HELP FINANCE |                              |           |
| EW10               | X              |                |              |  |             | ew2atchhelyr  | R2 EW10 AMT FROM CHILDR LST YR   |                              |           |
| EW11               | X              |                |              |  |             | ew2fingftfam  | R2 EW11 FINANCIAL GIFTS TO FAMLY |                              |           |
| EW12               | X              |                |              |  |             | ew2whregoth1  | R2 EW12 SP GAVE CHILD FINCL HLP  |                              |           |
| EW12               | X              |                |              |  |             | ew2whregoth2  | R2 EW12 SP GAVE GRANDCHD FIN HLP |                              |           |
| EW12               | X              |                |              |  |             | ew2whregoth3  | R2 EW12 SP GAVE OTHR FINANCL HLP |                              |           |
| EW13               |                | X              |              |  |             | op2hlpchfin   | R2 EW13 HELPED CHILDREN FINANCE  |                              |           |
| EW14               | X              |                |              |  |             | ew2amthlpgiv  | R2 EW14 AMOUNT OF HELP GIVEN     |                              |           |
| EW15               | X              |                |              |  |             | ew2progneed1  | R2 EW15 SP RECEIVD FOOD STAMPS   |                              |           |
| EW15               | X              |                |              |  |             | ew2progneed2  | R2 EW15 SP REC OTHR FOOD ASST    |                              |           |
| EW15               | X              |                |              |  |             | ew2progneed3  | R2 EW15 SP REC GAS ENERGY ASST   |                              |           |
| EW16               | X              |                |              |  |             | ew2mealskip1  | R2 EW16 SKIP MEALS NO MONEY      |                              |           |
| EW17               | X              |                |              |  |             | ew2mealskip2  | R2 EW16 SKIP MEALS HOW OFTEN     |                              |           |
| EW18a              | X              |                |              |  |             | ew2nopayhous  | R2 EW18 NO MONEY FOR HOUSING     |                              |           |
| EW18b              | X              |                |              |  |             | ew2nopayutil  | R2 EW18 NO MONEY FOR UTILITIES   |                              |           |
| EW18c              | X              |                |              |  |             | ew2nopaymed   | R2 EW18 NO MONEY FOR MEDICAL     |                              |           |
| Box HL1            |                | X              |              |  |             | op2ishelper   | R2 BXHL1 HELPS SP                |                              |           |
| HL1                |                | X              |              |  |             | op2helpsched  | R2 HL1 HELP IS REG SCHEDULED     |                              |           |
| HL2                |                | X              |              |  |             | op2numdayswk  | R2 HL2 NUM DAYS HELP PER WK      |                              |           |
| HL3                |                | X              |              |  |             | op2numdaysmn  | R2 HL3 NUM DAYS HELP PER MON     |                              |           |
| HL4                |                | X              |              |  |             | op2numhrsday  | R2 HL4 NUM HRS HELP PER DAY      |                              |           |
| HL5                |                | X              |              |  |             | op2paidhelpr  | R2 HL5 HELPER IS PAID            |                              |           |
| HL6                |                | X              |              |  |             | op2sppayshlp  | R2 HL6 SP PAYS FOR HELP          |                              |           |
| HL6                |                | X              |              |  |             | op2govpayhlp  | R2 HL6 GOVT PAYS FOR HELP        |                              |           |
| HL6                |                | X              |              |  |             | op2inspayhlp  | R2 HL6 INSUR PAYS FOR HELP       |                              |           |
| HL6                |                | X              |              |  |             | op2othpayhlp  | R2 HL6 OTHER PAYS FOR HELP       |                              |           |

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|---------------------|----------------|----------------|--------------|--|-------------|---------------|-----------------------------------|------------------------------|-----------|
| HL6a                |                |                |              |  | X           |               |                                   |                              |           |
| HL7                 |                | X              |              |  |             | op2payunit    | R2 HL7 PAYMENT UNIT               |                              |           |
| HL7A                |                | X              |              |  |             | op2hourlypay  | R2 HL7A HOURLY AMOUNT PAID        |                              |           |
| HL7B                |                | X              |              |  |             | op2weeklypay  | R2 HL7B WEEKLY AMOUNT PAID        |                              |           |
| HL7C                |                | X              |              |  |             | op2monthlypy  | R2 HL7C MONTHLY AMOUNT PAID       |                              |           |
| HL8                 |                | X              |              |  |             | op2progmpaid  | R2 HL8 PROGRAM PAID FOR HELPER    |                              |           |
| HL8A                |                |                |              |  | X           |               |                                   |                              |           |
| HL Derived Variable |                | X              |              |  |             | op2dhrsmth    | R2 D HL2 HL3 HL4 HRS HELP MONTH   |                              |           |
| AD1                 | X              |                |              |  |             | ad2heardif    | R2 AD1 SP IS DEAF OR DIFF HEARING |                              | yes       |
| AD2                 | X              |                |              |  |             | ad2seedif     | R2 AD2 SP IS BLIND OR DIFF SEEING |                              | yes       |
| AD3                 | X              |                |              |  |             | ad2concdif    | R2 AD3 DIFF CONCENTRATE DECIDE    |                              | yes       |
| AD4                 | X              |                |              |  |             | ad2walkdif    | R2 AD4 DIFFICULTY WALKING STAIRS  |                              | yes       |
| AD5                 | X              |                |              |  |             | ad2dresdif    | R2 AD5 DIFFICULTY DRESS BATHE     |                              | yes       |
| AD6                 | X              |                |              |  |             | ad2erranddif  | R2 AD6 DIFFICULTY DOING ERRANDS   |                              | yes       |
| EH1                 | X              |                |              |  |             | eh2advisedoc  | R2 EH1 MAKE DECISION WITH DOCTOR  |                              | yes       |
| EH2                 | X              |                |              |  |             | eh2advicefam  | R2 EH2 MAKE DECISION WITH FAMILY  |                              | yes       |
| EH3                 | X              |                |              |  |             | eh2medmgmt    | R2 EH3 MANAGE MEDICAL CARE        |                              | yes       |
| EH4                 | X              |                |              |  |             | eh2meddif     | R2 EH4 DIFF MANAGE MEDICAL CARE   |                              | yes       |
| EH5                 | X              |                |              |  |             | eh2medfamdif  | R2 EH5 DIFF FAMILY MANAGE CARE    |                              | yes       |
| EH6                 | X              |                |              |  |             | eh2meddelay   | R2 EH6 DELAY IN MANAGE MED CARE   |                              | yes       |
| EH7                 | X              |                |              |  |             | eh2medtoomch  | R2 EH7 TOO MUCH MANAGE MED CARE   |                              | yes       |
| EP1                 | X              |                |              |  |             | ep2eoltalk    | R2 EP1 TALK END OF LIFE CARE      |                              | yes       |
| EP2                 | X              |                |              |  |             | ep2eoltalk2   | R2 EP2 TALK SPOUSE PARTNER        |                              | yes       |
| EP2                 | X              |                |              |  |             | ep2eoltalk3   | R2 EP2 TALK DAUGHTER              |                              | yes       |
| EP2                 | X              |                |              |  |             | ep2eoltalk4   | R2 EP2 TALK SON                   |                              | yes       |
| EP2                 | X              |                |              |  |             | ep2eoltalk5   | R2 EP2 TALK DAUGHTER IN LAW       |                              | yes       |
| EP2                 | X              |                |              |  |             | ep2eoltalk6   | R2 EP2 TALK SON IN LAW            |                              | yes       |
| EP2                 | X              |                |              |  |             | ep2eoltalk7   | R2 EP2 TALK STEPDAUGHTER          |                              | yes       |
| EP2                 | X              |                |              |  |             | ep2eoltalk8   | R2 EP2 TALK STEPSON               |                              | yes       |
| EP2                 | X              |                |              |  |             | ep2eoltalk9   | R2 EP2 TALK SISTER                |                              | yes       |
| EP2                 | X              |                |              |  |             | ep2eoltalk10  | R2 EP2 TALK BROTHER               |                              | yes       |
| EP2                 | X              |                |              |  |             | ep2eoltalk11  | R2 EP2 TALK SISTER IN LAW         |                              | yes       |

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| EP2                | X              |                |              |  |             | ep2eoltalk12  | R2 EP2 TALK BROTHER IN LAW            |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk13  | R2 EP2 TALK MOTHER                    |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk14  | R2 EP2 TALK STEPMOTHER                |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk15  | R2 EP2 TALK MOTHER IN LAW             |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk16  | R2 EP2 TALK FATHER                    |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk17  | R2 EP2 TALK STEPFATHER                |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk18  | R2 EP2 TALK FATHER IN LAW             |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk19  | R2 EP2 TALK GRANDDAUGHTER             |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk20  | R2 EP2 TALK GRANDSON                  |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk21  | R2 EP2 TALK NIECE                     |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk22  | R2 EP2 TALK NEPHEW                    |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk23  | R2 EP2 TALK AUNT                      |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk24  | R2 EP2 TALK UNCLE                     |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk25  | R2 EP2 TALK COUSIN                    |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk26  | R2 EP2 TALK STEPDAUGHTER SON/DAU      |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk27  | R2 EP2 TALK STEPSON SON/DAUGHTER      |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk28  | R2 EP2 TALK DAUGHTER IN LAW SON/DAU   |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk29  | R2 EP2 TALK SON IN LAW SON/DAU        |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk30  | R2 EP2 TALK BOARDER RENTER            |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk31  | R2 EP2 TALK PAID AIDE HSKEEP EMPLOY   |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk32  | R2 EP2 TALK ROOMMATE                  |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk33  | R2 EP2 TALK EX WIFE EX HUSBAND        |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk34  | R2 EP2 TALK BOYFRIEND GIRLFRIEND      |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk35  | R2 EP2 TALK NEIGHBOR                  |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk36  | R2 EP2 TALK FRIEND                    |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk37  | R2 EP2 TALK SERVICE PRSN PLACE SP LIV |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk38  | R2 EP2 TALK CO WORKER                 |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk39  | R2 EP2 TALK MINISTER CLERGY           |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk40  | R2 EP2 TALK PSYCH COUNSELOR THERP     |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk91  | R2 EP2 TALK OTHER RELATIVE            |                              | yes       |
| EP2                | X              |                |              |  |             | ep2eoltalk92  | R2 EP2 TALK OTHER NONRELATIVE         |                              | yes       |
| EP3                | X              |                |              |  |             | ep2poweratty  | R2 EP3 POWER OF ATTORNEY              |                              | yes       |

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|--------------------|----------------|----------------|--------------|--|-------------|---------------|------------------------------------|------------------------------|-----------|
| EP4                | X              |                |              |  |             | ep2eolpow2    | R2 EP4 POW SPOUSE PARTNER          |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow3    | R2 EP4 POW DAUGHTER                |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow4    | R2 EP4 POW SON                     |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow5    | R2 EP4 POW DAUGHTER IN LAW         |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow6    | R2 EP4 POW SON IN LAW              |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow7    | R2 EP4 POW STEPDAUGHTER            |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow8    | R2 EP4 POW STEPSON                 |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow9    | R2 EP4 POW SISTER                  |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow10   | R2 EP4 POW BROTHER                 |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow11   | R2 EP4 POW SISTER IN LAW           |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow12   | R2 EP4 POW BROTHER IN LAW          |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow13   | R2 EP4 POW MOTHER                  |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow14   | R2 EP4 POW STEPMOTHER              |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow15   | R2 EP4 POW MOTHER IN LAW           |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow16   | R2 EP4 POW FATHER                  |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow17   | R2 EP4 POW STEPFATHER              |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow18   | R2 EP4 POW FATHER IN LAW           |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow19   | R2 EP4 POW GRANDDAUGHTER           |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow20   | R2 EP4 POW GRANDSON                |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow21   | R2 EP4 POW NIECE                   |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow22   | R2 EP4 POW NEPHEW                  |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow23   | R2 EP4 POW AUNT                    |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow24   | R2 EP4 POW UNCLE                   |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow25   | R2 EP4 POW COUSIN                  |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow26   | R2 EP4 POW STEPDAUGHTER SON/DAU    |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow27   | R2 EP4 POW STEPSON SON/DAUGHTER    |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow28   | R2 EP4 POW DAUGHTER IN LAW SON/DAU |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow29   | R2 EP4 POW SON IN LAW SON/DAU      |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow30   | R2 EP4 POW BOARDER RENTER          |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow31   | R2 EP4 POW PAID AIDE HSKEEP EMPLOY |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow32   | R2 EP4 POW ROOMMATE                |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow33   | R2 EP4 POW EX WIFE EX HUSBAND      |                              | yes       |



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| EP4                | X              |                |              |  |             | ep2eolpow34   | R2 EP4 POW BOYFRIEND GIRLFRIEND      |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow35   | R2 EP4 POW NEIGHBOR                  |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow36   | R2 EP4 POW FRIEND                    |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow37   | R2 EP4 POW SERVICE PRSN PLACE SP LIV |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow38   | R2 EP4 POW CO WORKER                 |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow39   | R2 EP4 POW MINISTER CLERGY           |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow40   | R2 EP4 POW PSYCH COUNSELOR THERP     |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow91   | R2 EP4 POW OTHER RELATIVE            |                              | yes       |
| EP4                | X              |                |              |  |             | ep2eolpow92   | R2 EP4 POW OTHER NONRELATIVE         |                              | yes       |
| EP5                | X              |                |              |  |             | ep2livngwill  | R2 EP5 HAS LIVING WILL               |                              | yes       |
| EP6                | X              |                |              |  |             | ep2paintrmnt  | R2 EP6 CARE IF IN CONSTANT PAIN      |                              | yes       |
| EP7                | X              |                |              |  |             | ep2talktrmnt  | R2 EP7 CARE IF CANT TALK WALK        |                              | yes       |
| EP8A               | X              |                |              |  |             | ep2bstcre     | R2 EP8A BEST CARE FOR PAT            |                              | yes       |
| EP8B               | X              |                |              |  |             | ep2sndbstcre  | R2 EP8B SECOND BEST CARE FOR PAT     |                              | yes       |
| EP9                | X              |                |              |  |             | ep2money      | R2 EP9 FUTURE CARE USE MST MONEY     |                              | yes       |
| IR1A1              | X              |                |              |  |             | ir2intleng    | R2 IR1A1 INTERVIEW LANGUAGE          |                              | yes       |
| IR1A2              |                |                |              |  | X           |               |                                      |                              |           |
| IR1                |                |                |              |  | X           |               |                                      |                              |           |
| IR1a               |                |                |              |  | X           |               |                                      |                              |           |
| IR2                | X              |                |              |  |             | ir2spattitud  | R2 IR2 SP ATTITUDE TOWARD INTVW      |                              |           |
| IR3                | X              |                |              |  |             | ir2undrstand  | R2 IR3 SP UNDERSTAND QUESTION        |                              |           |
| IR3A               |                |                |              |  | X           |               |                                      |                              |           |
| IR3B               |                |                |              |  | X           |               |                                      |                              |           |
| IR4                | X              |                |              |  |             | ir2sppresent  | R2 IR4 AMT OF INTERVIW SP PRESNT     |                              |           |
| IR5                | X              |                |              |  |             | ir2spnotprs1  | R2 IR5 REASON SP NOT PRESENT_SLEEP   |                              |           |
| IR5                | X              |                |              |  |             | ir2spnotprs2  | R2 IR5 REASON SP NOT PRESENT_2ILL    |                              |           |
| IR5                | X              |                |              |  |             | ir2spnotprs3  | R2 IR5 REASON SP NOT PRESENT_ALZH    |                              |           |
| IR5                | X              |                |              |  |             | ir2spnotprs4  | R2 IR5 REASON SP NOT PRESENT_PRXYREQ |                              |           |
| IR5                | X              |                |              |  |             | ir2spnotprs5  | R2 IR5 REASON SP NOT PRESENT_INFCLTY |                              |           |
| IR5                | X              |                |              |  |             | ir2spnotprs6  | R2 IR5 REASON SP NOT PRESENT_OTHSPFY |                              |           |
| IR5A               |                |                |              |  | X           |               |                                      |                              |           |
| IR6                | X              |                |              |  |             | ir2intvwhlp   | R2 IR6 ANYONE HELP WITH INTVW        |                              |           |

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| IR6A               | X              |                |              |  |             | ir2prsnhlp1   | R2 IR6A SPOUSE HELPED WITH INTVW    |                              |           |
| IR6A               | X              |                |              |  |             | ir2prsnhlp2   | R2 IR6A CHILD HELPED WITH INTVW     |                              |           |
| IR6A               | X              |                |              |  |             | ir2prsnhlp3   | R2 IR6A RELATIVE HELP WITH INTVW    |                              |           |
| IR6A               | X              |                |              |  |             | ir2prsnhlp4   | R2 IR6A FRIEND HELPED WITH INTVW    |                              |           |
| IR6A               | X              |                |              |  |             | ir2prsnhlp5   | R2 IR6A STAFF HELPED WITH INTVW     |                              |           |
| IR6A               | X              |                |              |  |             | ir2prsnhlp6   | R2 IR6A AIDE HELPED WITH INTVW      |                              |           |
| IR6A               | X              |                |              |  |             | ir2prsnhlp91  | R2 IR6A OTHER HELPED WITH INTVW     |                              |           |
| IR7                |                |                |              |  | X           |               |                                     |                              |           |
| IR7A               |                |                |              |  | X           |               |                                     |                              |           |
| IR8                |                |                |              |  | X           |               |                                     |                              |           |
| IR8A               |                |                |              |  | X           |               |                                     |                              |           |
| IR10               |                |                |              |  | X           |               |                                     |                              |           |
| IR10A              |                |                |              |  | X           |               |                                     |                              |           |
| IR10B              | X              |                |              |  |             | ir2demolang1  | R2 IR10B PHYS ACT DEMO SAFETY TRANS |                              | yes       |
| IR10C              |                |                |              | S  |             | ir2demolang2  | R2 IR10C PHYS ACT DEMO SAFETY LANG  |                              | yes       |
| IR10D              |                |                |              |  | X           |               |                                     |                              |           |
| IR11               | X              |                |              |  |             | ir2strprob    | R2 IR11 PROBLEMS ADMIN STROOP       |                              | yes       |
| IR11A              |                |                |              |  | X           |               |                                     |                              |           |
| IR12               | X              |                |              |  |             | ir2sessions   | R2 IR12 MORE ONE INTVW SESSION      |                              |           |
| IR12A              | X              |                |              |  |             | ir2sessrsn1   | R2 IR12A MORE 1 SESSION SP TIRED    |                              |           |
| IR12A              | X              |                |              |  |             | ir2sessrsn2   | R2 IR12A MORE 1 SESSION SP ILL      |                              |           |
| IR12A              | X              |                |              |  |             | ir2sessrsn3   | R2 IR12A MORE 1 SESSION SCHEDULE    |                              |           |
| IR12A              | X              |                |              |  |             | ir2sessrsn91  | R2 IR12A MORE 1 SESSION OTHER       |                              |           |
| IR12B              |                |                |              |  | X           |               |                                     |                              |           |
| IR12C              | X              |                |              |  |             | ir2conhomapt  | R2 IR12C INTRV CONDTD AT HME/APT    |                              |           |
| IR12D              |                |                |              |  | X           |               |                                     |                              |           |
| IR12E              | X              |                |              |  |             | ir2insidhome  | R2 IR12E GO INSIDE HOME/APT/UNIT    |                              |           |
| IR13               | X              |                |              |  |             | ir2condihom1  | R2 IR13 PAINT PEELING IN SP HOME    |                              |           |
| IR13               | X              |                |              |  |             | ir2condihom2  | R2 IR13 PESTS IN SP HOME            |                              |           |
| IR13               | X              |                |              |  |             | ir2condihom3  | R2 IR13 BROKN FURNITURE SP HOME     |                              |           |
| IR13               | X              |                |              |  |             | ir2condihom4  | R2 IR13 FLOORING NEEDS REPAIR       |                              |           |
| IR13               | X              |                |              |  |             | ir2condihom5  | R2 IR13 HOME OTHR TRIPPING HAZRD    |                              |           |

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|--------------------|----------------|----------------|--------------|--|-------------|---------------|------------------------------------|------------------------------|-----------|
| IR14               | X              |                |              |  |             | ir2clutterr1  | R2 IR14 CLUTTR IN INTERVIEW ROOM   |                              |           |
| IR14               | X              |                |              |  |             | ir2clutterr2  | R2 IR14 CLUTTR IN OTHR SP ROOMS    |                              |           |
| IR15               | X              |                |              |  |             | ir2areacond1  | R2 IR15 LITTER GLASS ON SDWLK ST   |                              |           |
| IR15               | X              |                |              |  |             | ir2areacond2  | R2 IR15 GRAFFITI ON BUILDG WALLS   |                              |           |
| IR15               | X              |                |              |  |             | ir2areacond3  | R2 IR15 VACANT HOUSES OR STORES    |                              |           |
| IR16               | X              |                |              |  |             | ir2condhome1  | R2 IR16 BROKEN WINDOWS IN HOME     |                              |           |
| IR16               | X              |                |              |  |             | ir2condhome2  | R2 IR16 CRUMBLNG FOUNDTN IN HOME   |                              |           |
| IR16               | X              |                |              |  |             | ir2condhome3  | R2 IR16 MISSNG BRCKS SIDNG IN HM   |                              |           |
| IR16               | X              |                |              |  |             | ir2condhome4  | R2 IR16 ROOF PROBLEM IN HOME       |                              |           |
| IR16               | X              |                |              |  |             | ir2condhome5  | R2 IR16 BROKEN STEPS TO HOME       |                              |           |
| IR16               | X              |                |              |  |             | ir2condhome6  | R2 IR16 CONTINUOUS SIDEWALKS       |                              | yes       |
| IR17               |                |                |              |  | X           |               |                                    |                              |           |
| IR17A              |                |                |              |  | X           |               |                                    |                              |           |
| IR23               |                |                |              |  | X           |               |                                    |                              |           |
| IR23A              |                |                |              |  | X           |               |                                    |                              |           |
| IR24               |                |                |              |  | X           |               |                                    |                              |           |
| IR24A              |                |                |              |  | X           |               |                                    |                              |           |
| IR25               |                |                |              |  | X           |               |                                    |                              |           |
| CL24               |                |                |              |  |             | op2contctflg  | R2 PERSON IS LISTED AS CONTACT     |                              |           |
| Stroop Variable    | X              |                |              |  |             | r2stroopmean  | R2 STROOP MEAN OF EASY HARD TESTS  |                              | yes       |
| Stroop Variable    | X              |                |              |  |             | r2strooprati  | R2 STROOP RATIO OF EASY HARD TESTS |                              | yes       |
| Stroop Variable    | X              |                |              |  |             | r2stroopgrp   | R2 STROOP GROUPS BY ACCURACY       |                              | yes       |
| FQ1Consent         |                |                |              |  | X           |               |                                    |                              |           |
| FQ1NotRecord       |                |                |              |  | X           |               |                                    |                              |           |
| FQ1a               |                |                |              |  | X           |               |                                    |                              |           |
| FQ1b               |                |                |              |  | X           |               |                                    |                              |           |
| FQ2                |                |                |              |  | X           |               |                                    |                              |           |
| FQ3a               |                |                |              |  | X           |               |                                    |                              |           |
| FQ3b               |                |                |              |  | X           |               |                                    |                              |           |
| FQ3c               |                |                |              | R  |             | fq2facadcit   | R2 FQ3C FAC ADDRESS CITY           |                              |           |
| FQ3d               |                |                |              | R  |             | fq2facadstat  | R2 FQ3D FACIL ADDRESS STATE        |                              |           |
| FQ3e               |                |                |              | R  |             | fq2facaddzip  | R2 FQ3E FAC ADDRESS ZIP CODE       |                              |           |

NHATS R2 Beta Crosswalk between Instruments and Codebook

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|------------------------|----------------|----------------|--------------|--|-------------|---------------|-----------------------------------|------------------------------|-----------|
| FQ3f                   |                |                |              |  | X           |               |                                   |                              |           |
| FQ4                    |                |                |              |  | X           |               |                                   |                              |           |
| FQ5                    |                |                |              |  | X           |               |                                   |                              |           |
| FQ6                    | X              |                |              |  |             | fq2dfacdescr  | R2 FQ6 FACILITY TYPE              |                              |           |
| FQ6a Derived Variable  | X              |                |              |  |             | fq2dosfacd    | R2 FQ6A OTHER SPECIFY FAC TYPE    |                              |           |
| FQ7                    |                |                |              |  | X           |               |                                   |                              |           |
| FQ8                    | X              |                |              |  |             | fq2prtlivnam  | R2 FQ8 FAC NM DIFF4PLC SP LIVES   |                              |           |
| FQ9                    |                |                |              |  | X           |               |                                   |                              |           |
| FQ10                   | X              |                |              |  |             | fq2dfacarea   | R2 FQ10 FACILITY AREA SP LIVES    |                              |           |
| FQ10a Derived Variable | X              |                |              |  |             | fq2dosfaca    | R2 FQ10A OTHER SPECIFY FAC AREA   |                              |           |
| FQ11                   | X              |                |              |  |             | fq2assdnrsng  | R2 FQ11 ASSIST LIV OR NURSG HOME  |                              |           |
| FQ12                   | X              |                |              |  |             | fq2othrlevls  | R2 FQ12 OTH LEVELS OF CARE AVAIL  |                              |           |
| FQ13                   | X              |                |              |  |             | fq2whotlevl1  | R2 FQ13 INDEPN DNT LIV CARE AVAIL |                              |           |
| FQ13                   | X              |                |              |  |             | fq2whotlevl2  | R2 FQ13 ASSISTED LVNG CARE AVAIL  |                              |           |
| FQ13                   | X              |                |              |  |             | fq2whotlevl3  | R2 FQ13 ALZHEIMER CARE AVAIL      |                              |           |
| FQ13                   | X              |                |              |  |             | fq2whotlevl4  | R2 FQ13 NURSING HOME CARE AVAIL   |                              |           |
| FQ13                   | X              |                |              |  |             | fq2whotlevl5  | R2 FQ13 OTHR SPECIFY CARE AVAIL   |                              |           |
| FQ13a                  |                |                |              |  | X           |               |                                   |                              |           |
| FQ15                   | X              |                |              |  |             | fq2servaval1  | R2 FQ15 MEALS AVAIL               |                              |           |
| FQ15                   | X              |                |              |  |             | fq2servaval2  | R2 FQ15 HELP WITH MEDS AVAIL      |                              |           |
| FQ15                   | X              |                |              |  |             | fq2servaval3  | R2 FQ15 HELP W BATH DRESS AVAIL   |                              |           |
| FQ15                   | X              |                |              |  |             | fq2servaval4  | R2 FQ15 LAUNDRY SERVCS AVAIL      |                              |           |
| FQ15                   | X              |                |              |  |             | fq2servaval5  | R2 FQ15 HOUSEKEEPING SERV AVAIL   |                              |           |
| FQ15                   | X              |                |              |  |             | fq2servaval6  | R2 FQ15 TRANSPRT MED CARE PROV    |                              |           |
| FQ15                   | X              |                |              |  |             | fq2servaval7  | R2 FQ15 TRANSPRT TO STORE EVENT   |                              |           |
| FQ15                   | X              |                |              |  |             | fq2servaval8  | R2 FQ15 RECREATIONAL FAC AVAIL    |                              |           |
| FQ15                   | X              |                |              |  |             | fq2servaval9  | R2 FQ15 SOCIAL EVENTS AVAIL       |                              |           |
| FQ16                   | X              |                |              |  |             | fq2paysourc1  | R2 FQ16 SP OR SP FAMILY PAYMENT   |                              |           |
| FQ16                   | X              |                |              |  |             | fq2paysourc2  | R2 FQ16 SOC SEC SSI PAYMENT       |                              |           |
| FQ16                   | X              |                |              |  |             | fq2paysourc3  | R2 FQ16 MEDICAID PAYMENT          |                              |           |
| FQ16                   | X              |                |              |  |             | fq2paysourc4  | R2 FQ16 MEDICARE PAYMENT          |                              |           |
| FQ16                   | X              |                |              |  |             | fq2paysourc5  | R2 FQ16 PRIVATE INSURANCE PAYMNT  |                              |           |

NHATS R2 Beta Crosswalk between Instruments and Codebook

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|---------------------|----------------|----------------|--------------|--|-------------|---------------|---------------------------------|------------------------------|-----------|
| FQ16                | X              |                |              |  |             | fq2paysourc6  | R2 FQ16 OTHR GOVT PAYMENT       |                              |           |
| FQ17                | X              |                |              |  |             | fq2totalpaym  | R2 FQ17 TOTAL PAYMENT FOR CARE  |                              |           |
| FQ18                | X              |                |              |  |             | fq2mnthlyamt  | R2 FQ18 TOT MTHLY AMT FOR CARE  |                              |           |
| FQ19                | X              |                |              |  |             | fq2primpayer  | R2 FQ19 PRIMARY PAYER FOR CARE  |                              |           |
| FQ20                | X              |                |              |  |             | fq2govsource  | R2 FQ20 GOVERNMENT SOURCE       |                              |           |
| FQ21                |                |                |              |  | X           |               |                                 |                              |           |
| FQ21a               |                |                |              |  | X           |               |                                 |                              |           |
| FQ21b               |                |                |              |  | X           |               |                                 |                              |           |
| FQ21c               |                |                |              |  | X           |               |                                 |                              |           |
| FQ22                |                |                |              |  | X           |               |                                 |                              |           |
| FQ22A               |                |                |              |  | X           |               |                                 |                              |           |
| FQ23                |                |                |              |  | X           |               |                                 |                              |           |
| FQ23                |                |                |              |  | X           |               |                                 |                              |           |
| FQ24                |                |                |              |  | X           |               |                                 |                              |           |
| FQ24                |                |                |              |  | X           |               |                                 |                              |           |
| FQ25                |                |                |              |  | X           |               |                                 |                              |           |
| FQ26                |                |                |              |  | X           |               |                                 |                              |           |
| FQ26a               |                |                |              |  | X           |               |                                 |                              |           |
| FQ27                |                |                |              |  | X           |               |                                 |                              |           |
| FQ28                |                |                |              |  | X           |               |                                 |                              |           |
| FQ29                |                |                |              |  | X           |               |                                 |                              |           |
| FQ30                |                |                |              |  | X           |               |                                 |                              |           |
| FQ Derived Variable | X              |                |              |  |             | fq2dlocsp     | R2 D FQ6 6A 10 10A FOR SAMP WGT |                              |           |
|                     | X              |                |              |  |             | w2anfinwgt0   | R2 FINAL ANALYTIC WGT FULL SAMP |                              |           |
|                     | X              |                |              |  |             | w2anfinwgt1   | R2 FINAL ANALYTIC WGT REP 1     |                              |           |
|                     | X              |                |              |  |             | w2anfinwgt2   | R2 FINAL ANALYTIC WGT REP 2     |                              |           |
|                     | X              |                |              |  |             | w2anfinwgt3   | R2 FINAL ANALYTIC WGT REP 3     |                              |           |
|                     | X              |                |              |  |             | w2anfinwgt4   | R2 FINAL ANALYTIC WGT REP 4     |                              |           |
|                     | X              |                |              |  |             | w2anfinwgt5   | R2 FINAL ANALYTIC WGT REP 5     |                              |           |
|                     | X              |                |              |  |             | w2anfinwgt6   | R2 FINAL ANALYTIC WGT REP 6     |                              |           |
|                     | X              |                |              |  |             | w2anfinwgt7   | R2 FINAL ANALYTIC WGT REP 7     |                              |           |
|                     | X              |                |              |  |             | w2anfinwgt8   | R2 FINAL ANALYTIC WGT REP 8     |                              |           |

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|--------------------|----------------|----------------|--------------|--|-------------|---------------|------------------------------|------------------------------|-----------|
|                    | X              |                |              |  |             | w2anfinwgt9   | R2 FINAL ANALYTIC WGT REP 9  |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt10  | R2 FINAL ANALYTIC WGT REP 10 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt11  | R2 FINAL ANALYTIC WGT REP 11 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt12  | R2 FINAL ANALYTIC WGT REP 12 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt13  | R2 FINAL ANALYTIC WGT REP 13 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt14  | R2 FINAL ANALYTIC WGT REP 14 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt15  | R2 FINAL ANALYTIC WGT REP 15 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt16  | R2 FINAL ANALYTIC WGT REP 16 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt17  | R2 FINAL ANALYTIC WGT REP 17 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt18  | R2 FINAL ANALYTIC WGT REP 18 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt19  | R2 FINAL ANALYTIC WGT REP 19 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt20  | R2 FINAL ANALYTIC WGT REP 20 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt21  | R2 FINAL ANALYTIC WGT REP 21 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt22  | R2 FINAL ANALYTIC WGT REP 22 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt23  | R2 FINAL ANALYTIC WGT REP 23 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt24  | R2 FINAL ANALYTIC WGT REP 24 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt25  | R2 FINAL ANALYTIC WGT REP 25 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt26  | R2 FINAL ANALYTIC WGT REP 26 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt27  | R2 FINAL ANALYTIC WGT REP 27 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt28  | R2 FINAL ANALYTIC WGT REP 28 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt29  | R2 FINAL ANALYTIC WGT REP 29 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt30  | R2 FINAL ANALYTIC WGT REP 30 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt31  | R2 FINAL ANALYTIC WGT REP 31 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt32  | R2 FINAL ANALYTIC WGT REP 32 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt33  | R2 FINAL ANALYTIC WGT REP 33 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt34  | R2 FINAL ANALYTIC WGT REP 34 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt35  | R2 FINAL ANALYTIC WGT REP 35 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt36  | R2 FINAL ANALYTIC WGT REP 36 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt37  | R2 FINAL ANALYTIC WGT REP 37 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt38  | R2 FINAL ANALYTIC WGT REP 38 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt39  | R2 FINAL ANALYTIC WGT REP 39 |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt40  | R2 FINAL ANALYTIC WGT REP 40 |                              |           |

NHATS R2 Beta Crosswalk between Instruments and Codebook

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|--------------------|----------------|----------------|--------------|--|-------------|---------------|-------------------------------------|------------------------------|-----------|
|                    | X              |                |              |  |             | w2anfinwgt41  | R2 FINAL ANALYTIC WGT REP 41        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt42  | R2 FINAL ANALYTIC WGT REP 42        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt43  | R2 FINAL ANALYTIC WGT REP 43        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt44  | R2 FINAL ANALYTIC WGT REP 44        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt45  | R2 FINAL ANALYTIC WGT REP 45        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt46  | R2 FINAL ANALYTIC WGT REP 46        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt47  | R2 FINAL ANALYTIC WGT REP 47        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt48  | R2 FINAL ANALYTIC WGT REP 48        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt49  | R2 FINAL ANALYTIC WGT REP 49        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt50  | R2 FINAL ANALYTIC WGT REP 50        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt51  | R2 FINAL ANALYTIC WGT REP 51        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt52  | R2 FINAL ANALYTIC WGT REP 52        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt53  | R2 FINAL ANALYTIC WGT REP 53        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt54  | R2 FINAL ANALYTIC WGT REP 54        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt55  | R2 FINAL ANALYTIC WGT REP 55        |                              |           |
|                    | X              |                |              |  |             | w2anfinwgt56  | R2 FINAL ANALYTIC WGT REP 56        |                              |           |
|                    | X              |                | X            |  |             | w2varstrat    | R2 VARIANCE ESTIMATION STRATUM      |                              |           |
|                    | X              |                | X            |  |             | w2varunit     | R2 VARIANCE ESTIMATION CLUSTER      |                              |           |
|                    |                |                | X            |  |             | yearsample    | YEAR SP ENTERED SAMPLE              |                              |           |
|                    |                |                | X            |  |             | r2status      | R2 OVERALL CASE STATUS              |                              |           |
|                    |                |                | X            |  |             | r2casestdmt   | R2 OVERALL CASE STATUS DATE MT      |                              |           |
|                    |                |                | X            |  |             | r2casestdyr   | R2 OVERALL CASE STATUS DATE YR      |                              |           |
|                    |                |                | X            |  |             | r2spstat      | R2 SUBJECT PERSON INTRVW STAT       |                              |           |
|                    |                |                | X            |  |             | r2spstatdmt   | R2 SUBJECT PERSON INTRVW STAT DT MT |                              |           |
|                    |                |                | X            |  |             | r2spstatdyr   | R2 SUBJECT PERSON INTRVW STAT DT YR |                              |           |
|                    |                |                | X            |  |             | r2fqstat      | R2 FACILITY QUESTIONNAIRE STATUS    |                              |           |
|                    |                |                | X            |  |             | r2fqstatdmt   | R2 FACILITY QUESTNNR STAT DT MTH    |                              |           |
|                    |                |                | X            |  |             | r2fqstatdyr   | R2 FACILITY QUESTNNR STAT DT YR     |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt0   | R2 TRACKER FINAL WGT FULL SAMP      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt1   | R2 TRACKER FINAL WGT REP 1          |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt2   | R2 TRACKER FINAL WGT REP 2          |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt3   | R2 TRACKER FINAL WGT REP 3          |                              |           |

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|--------------------|----------------|----------------|--------------|--|-------------|---------------|-----------------------------|------------------------------|-----------|
|                    |                |                | X            |  |             | w2trfinwgt4   | R2 TRACKER FINAL WGT REP 4  |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt5   | R2 TRACKER FINAL WGT REP 5  |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt6   | R2 TRACKER FINAL WGT REP 6  |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt7   | R2 TRACKER FINAL WGT REP 7  |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt8   | R2 TRACKER FINAL WGT REP 8  |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt9   | R2 TRACKER FINAL WGT REP 9  |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt10  | R2 TRACKER FINAL WGT REP 10 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt11  | R2 TRACKER FINAL WGT REP 11 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt12  | R2 TRACKER FINAL WGT REP 12 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt13  | R2 TRACKER FINAL WGT REP 13 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt14  | R2 TRACKER FINAL WGT REP 14 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt15  | R2 TRACKER FINAL WGT REP 15 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt16  | R2 TRACKER FINAL WGT REP 16 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt17  | R2 TRACKER FINAL WGT REP 17 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt18  | R2 TRACKER FINAL WGT REP 18 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt19  | R2 TRACKER FINAL WGT REP 19 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt20  | R2 TRACKER FINAL WGT REP 20 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt21  | R2 TRACKER FINAL WGT REP 21 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt22  | R2 TRACKER FINAL WGT REP 22 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt23  | R2 TRACKER FINAL WGT REP 23 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt24  | R2 TRACKER FINAL WGT REP 24 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt25  | R2 TRACKER FINAL WGT REP 25 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt26  | R2 TRACKER FINAL WGT REP 26 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt27  | R2 TRACKER FINAL WGT REP 27 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt28  | R2 TRACKER FINAL WGT REP 28 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt29  | R2 TRACKER FINAL WGT REP 29 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt30  | R2 TRACKER FINAL WGT REP 30 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt31  | R2 TRACKER FINAL WGT REP 31 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt32  | R2 TRACKER FINAL WGT REP 32 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt33  | R2 TRACKER FINAL WGT REP 33 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt34  | R2 TRACKER FINAL WGT REP 34 |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt35  | R2 TRACKER FINAL WGT REP 35 |                              |           |



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|--------------------|----------------|----------------|--------------|--|-------------|---------------|----------------------------------|------------------------------|-----------|
|                    |                |                | X            |  |             | w2trfinwgt36  | R2 TRACKER FINAL WGT REP 36      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt37  | R2 TRACKER FINAL WGT REP 37      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt38  | R2 TRACKER FINAL WGT REP 38      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt39  | R2 TRACKER FINAL WGT REP 39      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt40  | R2 TRACKER FINAL WGT REP 40      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt41  | R2 TRACKER FINAL WGT REP 41      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt42  | R2 TRACKER FINAL WGT REP 42      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt43  | R2 TRACKER FINAL WGT REP 43      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt44  | R2 TRACKER FINAL WGT REP 44      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt45  | R2 TRACKER FINAL WGT REP 45      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt46  | R2 TRACKER FINAL WGT REP 46      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt47  | R2 TRACKER FINAL WGT REP 47      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt48  | R2 TRACKER FINAL WGT REP 48      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt49  | R2 TRACKER FINAL WGT REP 49      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt50  | R2 TRACKER FINAL WGT REP 50      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt51  | R2 TRACKER FINAL WGT REP 51      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt52  | R2 TRACKER FINAL WGT REP 52      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt53  | R2 TRACKER FINAL WGT REP 53      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt54  | R2 TRACKER FINAL WGT REP 54      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt55  | R2 TRACKER FINAL WGT REP 55      |                              |           |
|                    |                |                | X            |  |             | w2trfinwgt56  | R2 TRACKER FINAL WGT REP 56      |                              |           |
| Round 1            |                | X              |              |  |             | op1proxy      | R1 IS2 PROXY                     |                              |           |
| Round 1            |                | X              |              |  |             | op1relatnshp  | R1 OTHR PRSN RELATIONSHIP TO SP  |                              |           |
| Round 1            |                | X              |              |  |             | op1gender     | R1 OTHER PERSON GENDER           |                              |           |
| Round 1            |                | X              |              |  |             | op1spouprtnt  | R1 BXHH4A SPOUSE PARTNER         |                              |           |
| Round 1            |                | X              |              |  |             | op1leveledu   | R1 OP HIGHEST LEVEL EDUCATION    |                              |           |
| Round 1            |                | X              |              |  |             | op1prsninh    | R1 OTHER PRSN IN HOUSEHOLD       |                              |           |
| Round 1            |                | X              |              |  |             | op1childinh   | R1 HH15 CHILD IN HOUSEHOLD       |                              |           |
| Round 1            |                | X              |              |  |             | op1dage       | R1 D OTH PERSN CAT AGE AT INTVW  |                              |           |
| Round 1            |                | X              |              |  |             | op1chnotinh   | R1 CS2 CHILD NOT IN HOUSEHOLD    |                              |           |
| Round 1            |                | X              |              |  |             | op1martlstat  | R1 OTHER PERSON MARITAL STATUS   |                              |           |
| Round 1            |                | X              |              |  |             | op1numchldr   | R1 OTHER PRSN NUMBER OF CHILDREN |                              |           |

NHATS R2 Beta Crosswalk between Instruments and Codebook

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|--------------------|----------------|----------------|--------------|--|-------------|---------------|----------------------------------|------------------------------|-----------|
| Round 1            |                | X              |              |  |             | op1anychdu18  | R1 OTH PRS ANY CHILDREN UNDER 18 |                              |           |
| Round 1            |                | X              |              |  |             | op1numchdu18  | R1 OTH PR NUMBER OF CHILDREN U18 |                              |           |
| Round 1            |                | X              |              |  |             | op1socIntwrk  | R1 SN2 PART OF SP SOCIAL NETWORK |                              |           |
| Round 1            |                | X              |              |  |             | op1dcatgryag  | R1 D OTH PERSN SN CAT AGE        |                              |           |
| Round 1            |                | X              |              |  |             | op1dsocwrkfl  | R1 D LIKELY SOCIAL NETWRK MEMBER |                              |           |
| Round 1            |                | X              |              |  |             | op1outhlp     | R1 MO6A HELPS SP GO OUTSIDE      |                              |           |
| Round 1            |                | X              |              |  |             | op1insdhlp    | R1 MO19A HELPS SP INSIDE HOUSE   |                              |           |
| Round 1            |                | X              |              |  |             | op1bedhlp     | R1 MO25A HELPS SP OUT OF BED     |                              |           |
| Round 1            |                | X              |              |  |             | op1tkplhp1    | R1 DT5A TAKES SP PLACES MOST     |                              |           |
| Round 1            |                | X              |              |  |             | op1tkplhp2    | R1 DT7A TAKES SP PLACES OTH      |                              |           |
| Round 1            |                | X              |              |  |             | op1launhlp    | R1 HA3A HELPS SP WITH LAUNDRY    |                              |           |
| Round 1            |                | X              |              |  |             | op1shophlp    | R1 HA3A HELPS SP WITH SHOPPING   |                              |           |
| Round 1            |                | X              |              |  |             | op1mealhlp    | R1 HA32A HELPS SP WITH MEALS     |                              |           |
| Round 1            |                | X              |              |  |             | op1bankhlp    | R1 HA42A HELPS SP WITH BANKING   |                              |           |
| Round 1            |                | X              |              |  |             | op1moneyhlp   | R1 HA 52A HELPS SP WITH MONEY    |                              |           |
| Round 1            |                | X              |              |  |             | op1eathlp     | R1 SC3A HELPS SP WITH EATING     |                              |           |
| Round 1            |                | X              |              |  |             | op1bathhlp    | R1 SC11A HELPS SP WITH BATHING   |                              |           |
| Round 1            |                | X              |              |  |             | op1toilhlp    | R1 SC17A HELPS SP WITH TOILETING |                              |           |
| Round 1            |                | X              |              |  |             | op1dreshlp    | R1 SC23A HELPS SP WITH DRESSING  |                              |           |
| Round 1            |                | X              |              |  |             | op1medshlp    | R1 MC5A HELPS SP WITH MEDICINES  |                              |           |
| Round 1            |                | X              |              |  |             | op1dochlp     | R1 MC17A SITS IN W SP AT DRS     |                              |           |
| Round 1            |                | X              |              |  |             | op1dochlpmst  | R1 MC18 SITS MOST IF MORE THAN 1 |                              |           |
| Round 1            |                | X              |              |  |             | op1insurhlp   | R1 MC22A HELPS WITH INSUR DECIS  |                              |           |
| Round 1            |                | X              |              |  |             | op1spcaredfr  | R1 PA22D SP CARED FOR PERSON     |                              |           |
| Round 1            |                | X              |              |  |             | op1chhlpfin   | R1 EW9 CHILDREN WHO HELP FINANCE |                              |           |
| Round 1            |                | X              |              |  |             | op1hlpchfin   | R1 EW13 HELPED CHILDREN FINANCE  |                              |           |
| Round 1            |                | X              |              |  |             | op1ishelper   | R1 BXHL1 HELPS SP                |                              |           |
| Round 1            |                | X              |              |  |             | op1helpsched  | R1 HL1 HELP IS REG SCHEDULED     |                              |           |
| Round 1            |                | X              |              |  |             | op1numdayswk  | R1 HL2 NUM DAYS HELP PER WK      |                              |           |
| Round 1            |                | X              |              |  |             | op1numdaysmn  | R1 HL3 NUM DAYS HELPS PER MON    |                              |           |
| Round 1            |                | X              |              |  |             | op1numhrsday  | R1 HL4 NUM HRS HELPS PER DAY     |                              |           |
| Round 1            |                | X              |              |  |             | op1paidhelpr  | R1 HL5 HELPER IS PAID            |                              |           |

NHATS R2 Beta Crosswalk between Instruments and Codebook

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|--------------------|----------------|----------------|--------------|--|-------------|---------------|-------------------------------------|------------------------------|-----------|
| Round 1            |                | X              |              |  |             | op1sppayshlp  | R1 HL6 SP PAYS FOR HELP             |                              |           |
| Round 1            |                | X              |              |  |             | op1govpayhlp  | R1 HL6 GOVT PAYS FOR HELP           |                              |           |
| Round 1            |                | X              |              |  |             | op1inspayhlp  | R1 HL6 INSUR PAYS FOR HELP          |                              |           |
| Round 1            |                | X              |              |  |             | op1othpayhlp  | R1 HL6 OTHER PAYS FOR HELP          |                              |           |
| Round 1            |                | X              |              |  |             | op1payunit    | R1 HL7 PAYMENT UNIT                 |                              |           |
| Round 1            |                | X              |              |  |             | op1hourlypay  | R1 HL7A HOURLY AMOUNT PAID          |                              |           |
| Round 1            |                | X              |              |  |             | op1weeklypay  | R1 HL7B WEEKLY AMOUNT PAID          |                              |           |
| Round 1            |                | X              |              |  |             | op1monthlypy  | R1 HL7C MONTHLY AMOUNT PAID         |                              |           |
| Round 1            |                | X              |              |  |             | op1progmpaid  | R1 HL8 PROGRAM PAID FOR HELPER      |                              |           |
| Round 1            |                | X              |              |  |             | op1dhrsmth    | R1 D HL2 HL3 HL4 HRS HELP MONTH     |                              |           |
| Round 1            |                | X              |              |  |             | op1contctflg  | R1 PERSON LISTED AS CONTACT         |                              |           |
| Round 1            |                | X              |              |  |             | op1dfmiss     | R1 D NO FLAGS SET FOR PERSON        |                              |           |
| Round 1            |                | X              |              |  |             | op1dmissadd   | R1D WHERE NO FLAGS PERSN ADDED      |                              |           |
| Round 1            |                | X              |              |  |             | op1dprobdup   | R1 D OTH PERSN PROBABLE DUPLICAT    |                              |           |
| Round 1            |                | X              |              |  |             | op1ddupeid    | R1 D POSSIBLE DUPLICATE OF ID       |                              |           |
| Round 1            |                |                |              | S  |             | op1birthmth   | R1 OTHER PERSON MONTH OF BIRTH      |                              |           |
| Round 1            |                |                |              | S  |             | op1birthyear  | R1 OTHER PERSON YEAR OF BIRTH       |                              |           |
| Round 1            |                |                | X            |  |             | yearsample    | YEAR SP ENTERED SAMPLE              |                              |           |
| Round 1            |                |                | X            |  |             | r1status      | R1 OVERALL CASE STATUS              |                              |           |
| Round 1            |                |                | X            |  |             | r1wavrelease  | R1 SAMPLE RELEASE WAVE 1 OR 2       |                              |           |
| Round 1            |                |                | X            |  |             | r1casestdmt   | R1 OVERALL CASE STATUS DATE MT      |                              |           |
| Round 1            |                |                | X            |  |             | r1casestdtyr  | R1 OVERALL CASE STATUS DATE YR      |                              |           |
| Round 1            |                |                | X            |  |             | r1spstat      | R1 SUBJECT PERSON INTRVW STAT       |                              |           |
| Round 1            |                |                | X            |  |             | r1spstatdmt   | R1 SUBJECT PERSON INTRVW STAT DT MT |                              |           |
| Round 1            |                |                | X            |  |             | r1spstatdtyr  | R1 SUBJECT PERSON INTRVW STAT DT YR |                              |           |
| Round 1            |                |                | X            |  |             | r1fqstat      | R1 FACILITY QUESTIONNAIRE STATUS    |                              |           |
| Round 1            |                |                | X            |  |             | r1fqstatdmt   | R1 FACILITY QUESTNNR STAT DT MTH    |                              |           |
| Round 1            |                |                | X            |  |             | r1fqstatdtyr  | R1 FACILITY QUESTNNR STAT DT YR     |                              |           |
| Round 1            |                |                | X            |  |             | w1varstrat    | R1 VARIANCE ESTIMATION STRATUM      |                              |           |
| Round 1            |                |                | X            |  |             | w1varunit     | R1 VARIANCE ESTIMATION CLUSTER      |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt0    | R1 TRACKER BASE WGT FULL SAMP       |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt1    | R1 TRACKER BASE WGT REP 1           |                              |           |

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|--------------------|----------------|----------------|--------------|--|-------------|---------------|----------------------------|------------------------------|-----------|
| Round 1            |                |                | X            |  |             | w1trbswgt2    | R1 TRACKER BASE WGT REP 2  |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt3    | R1 TRACKER BASE WGT REP 3  |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt4    | R1 TRACKER BASE WGT REP 4  |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt5    | R1 TRACKER BASE WGT REP 5  |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt6    | R1 TRACKER BASE WGT REP 6  |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt7    | R1 TRACKER BASE WGT REP 7  |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt8    | R1 TRACKER BASE WGT REP 8  |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt9    | R1 TRACKER BASE WGT REP 9  |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt10   | R1 TRACKER BASE WGT REP 10 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt11   | R1 TRACKER BASE WGT REP 11 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt12   | R1 TRACKER BASE WGT REP 12 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt13   | R1 TRACKER BASE WGT REP 13 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt14   | R1 TRACKER BASE WGT REP 14 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt15   | R1 TRACKER BASE WGT REP 15 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt16   | R1 TRACKER BASE WGT REP 16 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt17   | R1 TRACKER BASE WGT REP 17 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt18   | R1 TRACKER BASE WGT REP 18 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt19   | R1 TRACKER BASE WGT REP 19 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt20   | R1 TRACKER BASE WGT REP 20 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt21   | R1 TRACKER BASE WGT REP 21 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt22   | R1 TRACKER BASE WGT REP 22 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt23   | R1 TRACKER BASE WGT REP 23 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt24   | R1 TRACKER BASE WGT REP 24 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt25   | R1 TRACKER BASE WGT REP 25 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt26   | R1 TRACKER BASE WGT REP 26 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt27   | R1 TRACKER BASE WGT REP 27 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt28   | R1 TRACKER BASE WGT REP 28 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt29   | R1 TRACKER BASE WGT REP 29 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt30   | R1 TRACKER BASE WGT REP 30 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt31   | R1 TRACKER BASE WGT REP 31 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt32   | R1 TRACKER BASE WGT REP 32 |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt33   | R1 TRACKER BASE WGT REP 33 |                              |           |

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|--------------------|----------------|----------------|--------------|--|-------------|---------------|--------------------------------|------------------------------|-----------|
| Round 1            |                |                | X            |  |             | w1trbswgt34   | R1 TRACKER BASE WGT REP 34     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt35   | R1 TRACKER BASE WGT REP 35     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt36   | R1 TRACKER BASE WGT REP 36     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt37   | R1 TRACKER BASE WGT REP 37     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt38   | R1 TRACKER BASE WGT REP 38     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt39   | R1 TRACKER BASE WGT REP 39     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt40   | R1 TRACKER BASE WGT REP 40     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt41   | R1 TRACKER BASE WGT REP 41     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt42   | R1 TRACKER BASE WGT REP 42     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt43   | R1 TRACKER BASE WGT REP 43     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt44   | R1 TRACKER BASE WGT REP 44     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt45   | R1 TRACKER BASE WGT REP 45     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt46   | R1 TRACKER BASE WGT REP 46     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt47   | R1 TRACKER BASE WGT REP 47     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt48   | R1 TRACKER BASE WGT REP 48     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt49   | R1 TRACKER BASE WGT REP 49     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt50   | R1 TRACKER BASE WGT REP 50     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt51   | R1 TRACKER BASE WGT REP 51     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt52   | R1 TRACKER BASE WGT REP 52     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt53   | R1 TRACKER BASE WGT REP 53     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt54   | R1 TRACKER BASE WGT REP 54     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt55   | R1 TRACKER BASE WGT REP 55     |                              |           |
| Round 1            |                |                | X            |  |             | w1trbswgt56   | R1 TRACKER BASE WGT REP 56     |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt0   | R1 TRACKER FINAL WGT FULL SAMP |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt1   | R1 TRACKER FINAL WGT REP 1     |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt2   | R1 TRACKER FINAL WGT REP 2     |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt3   | R1 TRACKER FINAL WGT REP 3     |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt4   | R1 TRACKER FINAL WGT REP 4     |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt5   | R1 TRACKER FINAL WGT REP 5     |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt6   | R1 TRACKER FINAL WGT REP 6     |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt7   | R1 TRACKER FINAL WGT REP 7     |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt8   | R1 TRACKER FINAL WGT REP 8     |                              |           |

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|--------------------|----------------|----------------|--------------|--|-------------|---------------|-----------------------------|------------------------------|-----------|
| Round 1            |                |                | X            |  |             | w1trfinwgt9   | R1 TRACKER FINAL WGT REP 9  |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt10  | R1 TRACKER FINAL WGT REP 10 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt11  | R1 TRACKER FINAL WGT REP 11 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt12  | R1 TRACKER FINAL WGT REP 12 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt13  | R1 TRACKER FINAL WGT REP 13 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt14  | R1 TRACKER FINAL WGT REP 14 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt15  | R1 TRACKER FINAL WGT REP 15 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt16  | R1 TRACKER FINAL WGT REP 16 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt17  | R1 TRACKER FINAL WGT REP 17 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt18  | R1 TRACKER FINAL WGT REP 18 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt19  | R1 TRACKER FINAL WGT REP 19 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt20  | R1 TRACKER FINAL WGT REP 20 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt21  | R1 TRACKER FINAL WGT REP 21 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt22  | R1 TRACKER FINAL WGT REP 22 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt23  | R1 TRACKER FINAL WGT REP 23 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt24  | R1 TRACKER FINAL WGT REP 24 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt25  | R1 TRACKER FINAL WGT REP 25 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt26  | R1 TRACKER FINAL WGT REP 26 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt27  | R1 TRACKER FINAL WGT REP 27 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt28  | R1 TRACKER FINAL WGT REP 28 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt29  | R1 TRACKER FINAL WGT REP 29 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt30  | R1 TRACKER FINAL WGT REP 30 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt31  | R1 TRACKER FINAL WGT REP 31 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt32  | R1 TRACKER FINAL WGT REP 32 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt33  | R1 TRACKER FINAL WGT REP 33 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt34  | R1 TRACKER FINAL WGT REP 34 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt35  | R1 TRACKER FINAL WGT REP 35 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt36  | R1 TRACKER FINAL WGT REP 36 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt37  | R1 TRACKER FINAL WGT REP 37 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt38  | R1 TRACKER FINAL WGT REP 38 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt39  | R1 TRACKER FINAL WGT REP 39 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt40  | R1 TRACKER FINAL WGT REP 40 |                              |           |

NHATS R2 Beta Crosswalk between Instruments and Codebook

| Questionnaire ITEM | SP Public File | OP Public File | Tracker File | Restricted (R) or Sensitive (S) Variable | Not on File | Variable name | Variable label              | Last Month of Life Interview | New in R2 |
|--------------------|----------------|----------------|--------------|--|-------------|---------------|-----------------------------|------------------------------|-----------|
| Round 1            |                |                | X            |  |             | w1trfinwgt41  | R1 TRACKER FINAL WGT REP 41 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt42  | R1 TRACKER FINAL WGT REP 42 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt43  | R1 TRACKER FINAL WGT REP 43 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt44  | R1 TRACKER FINAL WGT REP 44 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt45  | R1 TRACKER FINAL WGT REP 45 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt46  | R1 TRACKER FINAL WGT REP 46 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt47  | R1 TRACKER FINAL WGT REP 47 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt48  | R1 TRACKER FINAL WGT REP 48 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt49  | R1 TRACKER FINAL WGT REP 49 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt50  | R1 TRACKER FINAL WGT REP 50 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt51  | R1 TRACKER FINAL WGT REP 51 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt52  | R1 TRACKER FINAL WGT REP 52 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt53  | R1 TRACKER FINAL WGT REP 53 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt54  | R1 TRACKER FINAL WGT REP 54 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt55  | R1 TRACKER FINAL WGT REP 55 |                              |           |
| Round 1            |                |                | X            |  |             | w1trfinwgt56  | R1 TRACKER FINAL WGT REP 56 |                              |           |