```
File name . . . . . . . . . . . . . . . . . . . . . . :   COVIDDSP
  Library name  . . . . . . . . . . . . . . . . . . . :   DW433F24
File attribute  . . . . . . . . . . . . . . . . . . . :   Display
Source file containing DDS  . . . . . . . . . . . . . :   LAB3B
  Library name  . . . . . . . . . . . . . . . . . . . :   DW433F24
Source member containing DDS  . . . . . . . . . . . . :   COVIDDSP
Source member last changed  . . . . . . . . . . . . . :   02/04/21  14:32:56
Source listing options  . . . . . . . . . . . . . . . :   *SOURCE     *LIST        *NOSECLVL   *EVENTF
DDS generation severity level . . . . . . . . . . . . :   20
DDS flagging severity level . . . . . . . . . . . . . :   00
Authority . . . . . . . . . . . . . . . . . . . . . . :   *LIBCRTAUT
Replace file  . . . . . . . . . . . . . . . . . . . . :   *YES
Text  . . . . . . . . . . . . . . . . . . . . . . . . :   lab3 displayfile
Compiler  . . . . . . . . . . . . . . . . . . . . . . :   IBM System i5 Data Description Processor
```

                                       Data Description Source

```
SEQNBR  *...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8  Date

    1     A              R RISKFACTOR                                                     02/04/21
    2     A                                      1  2USER                                 01/30/21
    3     A                                      3  2'Guilherme Matsumoto Tommasini'      01/30/21
    4     A                                      1 72DATE                                 01/30/21
    5     A                                        EDTCDE(Y)                              01/30/21
    6     A                                      1 22'C O V I D 19   R I S K   F A C T O- 01/30/21
    7     A                                          R S'                                 01/30/21
    9     A                                      5  3'Birth Date:'                        01/30/21
   10     A                                      5 33'Gender:'                            01/30/21
   11     A                                      5 45'M/F'                                01/30/21
   12     A              BIRTHDATE     L  B  5 15                                         02/04/21
   13     A  60                                    DSPATR(PR)                             02/04/21
   16     A              GENDER       1A  B  5 42VALUES('M' 'F')                          01/30/21
   17     A  95                                    DSPATR(RI PC)                          01/30/21
   18     A  60                                    DSPATR(PR)                             01/30/21
   19    /* (RI PC PR) reverse image, position cursor, protected */                      01/30/21
   20     A  95                                  5 49'Gender must not be blanck'          01/30/21
   22     A                                      7  2'Answer the following with Y or N:'  01/30/21
   23                                                                                     01/30/21
   24     A                                      9  3'Cardiovascular Disease:'            01/30/21
   25     A              CVDISEASE    1   B  9 27VALUES('Y' 'N')                          01/30/21
   27     A  96                                    DSPATR(RI PC)                          01/30/21
   28     A  60                                    DSPATR(PR)                             01/30/21
   29     A  96                                 10  3'Cardiovascular must not be blanck'  01/30/21
   30                                                                                     01/30/21
   31     A                                      9 46'Diabetes:'                          01/30/21
   32     A              DIABETES     1   B  9 57                                         01/30/21
   33     A                                        VALUES('Y' 'N')                        01/30/21
   34     A  97                                    DSPATR(RI PC)                          01/30/21
   35     A  60                                    DSPATR(PR)                             01/30/21
   36     A  97                                 10 46'Diabetes must not be blanck'        01/30/21
   37                                                                                     01/30/21
   38     A                                     12  3'Respiratory Disease:'              01/30/21
   39     A              RSPDISEASE   1   B 12 27                                         01/30/21
   40     A                                        VALUES('Y' 'N')                        01/30/21
   41     A  98                                    DSPATR(RI PC)                          01/30/21
   42     A  60                                    DSPATR(PR)                             01/30/21
   43     A  98                                 13  3'Respiratory must not be blanck'     01/30/21
```

                                      Data Description Source

```
SEQNBR  *...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8  Date

   44                                                                                    01/30/21
   45     A                                  12 36'High Blood Pressure:'                 01/30/21
   46     A              HBPRESSURE     1   B 12 57                                       01/30/21
   47     A                                        VALUES('Y' 'N')                        01/30/21
   48     A  99                                    DSPATR(RI PC)                          01/30/21
   49     A  60                                    DSPATR(PR)                             01/30/21
   50     A  99                              13 36'High Blood Pressure must not be bl- 01/30/21 nck'
   51     A                                        ank '                                 01/30/21
   52                                                                                    01/30/21
   53     /* ---------------------------------------------- */                           01/30/21
   54     A              R RISKASSMNT                CF03(03 'Exit Program')              01/30/21
   55     A                                          OVERLAY                             01/30/21
   57     A                                          CF01(01 'Cohort Information')        02/03/21
   58     A                                  15 27'R I S K   A S S E S S M E N T'         01/30/21
   59     A                                  17  6'Age'                                  01/30/21
   60     A              AGE            3  0O 19  6EDTCDE(1)                              01/30/21
   61                                                                                    01/30/21
   62     A                                  17 13'Fatality Rate'                        01/30/21
   63     A              FRATE          5Y 3O 19 17TEXT('Fatality rate (percentage)')     01/31/21
   64     A                                          EDTCDE(1)                           01/31/21
   65     A                                  19 24'%'                                    01/30/21
   66                                                                                    01/30/21
   67     A                                  17 31'Vacination Recomendation'             01/30/21
   68     A                                  19 34'Cohort:'                              01/30/21
   69     A              COHORT         9X  O 19 43                                      01/30/21
   70                                                                                    01/30/21
   71     A                                  17 62'Total Queries:'                       01/30/21
   72     A              TOTALQ         3  0O 19 68EDTCDE(1)                             01/31/21
   73                                                                                    01/30/21
   74     A                                  23  6'F1 - Cohort Information'              01/30/21
   75     A                                  23 41'F3 - Exit'                            01/30/21
  100                                                                                    01/30/21
  101     A*%%RS+<record-sequences>                                                      01/30/21
  102     A*%%RS+ <sequence name="Untitled">                                            01/30/21
  103     A*%%RS+  <device type="display" width="80" height="24" />                     01/30/21
  104     A*%%RS+  <record-write record-format="RISKFACTOR" />                          01/30/21
  105     A*%%RS+  <record-write record-format="RISKASSMNT" />                          01/30/21
  106     A*%%RS+ </sequence>                                                           01/30/21
  107     A*%%RS </record-sequences>                                                     01/30/21
```

                    * * * * *   E N D   O F   S O U R C E   * * * * *

```
                                          Expanded Source
                                                                            Field     Buffer position
SEQNBR  *...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8 length    Out      In
                                        DSPSIZ(*DS3)
                 * Option indicator output buffer positions:
                 *  *IN60 0001    *IN95 0002   *IN96 0003   *IN97 0004   *IN98 0005
                 *  *IN99 0006
    1                    R RISKFACTOR
    2                                         1  2USER                                    10
    3                                         3  2'Guilherme Matsumoto Tommasini'         29
    4                                         1 72DATE EDTCDE(Y)                            8
    6                                         1 22'C O V I D 19   R I S K   F A C T O-     38
    6                                             R S'
    9                                         5  3'Birth Date:'                           11
   10                                         5 33'Gender:'                                7
   11                                         5 45'M/F'                                    3
   12              BIRTHDATE    10L  B  5 15                                              10         7        1
   13        60                                  DSPATR(PR)
   16              GENDER        1A  B  5 42VALUES('M' 'F')                                1        17       11
   17        95                                  DSPATR(RI PC)
   18        60                                  DSPATR(PR)
   20        95                              5 49'Gender must not be blanck'             25
   22                                        7  2'Answer the following with Y or N:'     33
   24                                        9  3'Cardiovascular Disease:'               23
   25              CVDISEASE     1A  B  9 27VALUES('Y' 'N')                                1        18       12
   27        96                                  DSPATR(RI PC)
   28        60                                  DSPATR(PR)
   29        96                             10  3'Cardiovascular must not be blanck'     33
   31                                        9 46'Diabetes:'                              9
   32              DIABETES      1A  B  9 57VALUES('Y' 'N')                                1        19       13
   34        97                                  DSPATR(RI PC)
   35        60                                  DSPATR(PR)
   36        97                             10 46'Diabetes must not be blanck'           27
   38                                       12  3'Respiratory Disease:'                  20
   39              RSPDISEASE    1A  B 12 27VALUES('Y' 'N')                                1        20       14
   41        98                                  DSPATR(RI PC)
   42        60                                  DSPATR(PR)
   43        98                             13  3'Respiratory must not be blanck'        30
   45                                       12 36'High Blood Pressure:'                  20
   46              HBPRESSURE    1A  B 12 57VALUES('Y' 'N')                                1        21       15
   48        99                                  DSPATR(RI PC)
   49        60                                  DSPATR(PR)
   50        99                             13 36'High Blood Pressure must not be bl-    38
   50                                             ank '
                 * Response indicator input buffer positions:
                 *  *IN01 0002    *IN03 0001
   54                    R RISKASSMNT              CF03(03 'Exit Program') OVERLAY +
   57                                              CF01(01 'Cohort Information')
   58                                       15 27'R I S K   A S S E S S M E N T'         29
   59                                       17  6'Age'                                    3
   60              AGE           3Y 0O 19  6EDTCDE(1)                                      3         1
   62                                       17 13'Fatality Rate'                         13
   63              FRATE         5Y 3O 19 17TEXT('Fatality rate (percentage)') +          5         4
   64                                              EDTCDE(1)
   65                                       19 24'%'                                      1
   67                                       17 31'Vacination Recomendation'              24
```

                                  DW433F24 GUILHERME TOMMASINI

                                              Expanded Source
                                                                                         Field   Buffer position
SEQNBR   *...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8 length   Out   In

    68   19 34'Cohort:'   7
    69   COHORT   9X O 19 43   9   9
    71   17 62'Total Queries:'   14
    72   TOTALQ   3Y 0O 19 68EDTCDE(1)   3   18
    74   23 6'F1 - Cohort Information'   23
    75   23 41'F3 - Exit'   9

                  * * * * *   E N D   O F   E X P A N D E D   S O U R C E   * * * * *

Message Summary

Total	Informational (0-9)	Warning (10-19)	Error (20-29)	Severe (30-99)
0	0	0	0	0

* CPC7301   00   Message . . . . :   File COVIDDSP created in library DW433F24.

* * * * *   E N D   O F   C O M P I L A T I O N   * * * * *

```
File name . . . . . . . . . . . . . . . . . . . . :    COVIDINFO
  Library name  . . . . . . . . . . . . . . . . . :    DW433F24
File attribute  . . . . . . . . . . . . . . . . . :    Display
Source file containing DDS  . . . . . . . . . . . :    LAB3B
  Library name  . . . . . . . . . . . . . . . . . :    DW433F24
Source member containing DDS  . . . . . . . . . . :    COVIDINFO
Source member last changed  . . . . . . . . . . . :    02/03/21  15:34:23
Source listing options  . . . . . . . . . . . . . :    *SOURCE    *LIST       *NOSECLVL   *EVENTF
DDS generation severity level . . . . . . . . . . :    20
DDS flagging severity level . . . . . . . . . . . :    00
Authority . . . . . . . . . . . . . . . . . . . . :    *LIBCRTAUT
Replace file  . . . . . . . . . . . . . . . . . . :    *YES
Text  . . . . . . . . . . . . . . . . . . . . . . :
Compiler  . . . . . . . . . . . . . . . . . . . . :    IBM System i5 Data Description Processor
```

                                   Data Description Source

```
SEQNBR  *...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8  Date

     1      A          R CINFO                                                           02/03/21
     2      A                              2 31'Cohort Recomendation'                    02/03/21
     3      A                              5 20'Risk Factor Cohort'                       02/03/21
     4      A                              7 20'9.5 - 99.9 Group 1'                        02/03/21
     5      A                              8 20'5.5 -  9.4 Group 2'                        02/03/21
     6      A                              9 20'3.5 -  5.4 Group 3'                        02/03/21
     7      A                             10 20'1.5 -  3.4 Group 4'                        02/03/21
     8      A                             11 20'0.5 -  1.4 Group 5'                        02/03/21
     9      A                             14  6'Health care and front line workers- 02/03/21
    10      A                                  will be in either Group 1 or Group- 02/03/21
    11      A                                 '                                          02/03/21
    12      A                                 DSPATR(RI)                                 02/03/21
   100
```

                    * * * * * E N D   O F   S O U R C E * * * * *

                              DW433F24 GUILHERME TOMMASINI

```
                                         Expanded Source
                                                                         Field      Buffer position
SEQNBR   *...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8 length     Out    In

                                          DSPSIZ(*DS3)
    1                  R CINFO
    2                              2 31'Cohort Recomendation'              20
    3                              5 20'Risk Factor Cohort'                18
    4                              7 20'9.5 - 99.9 Group 1'                18
    5                              8 20'5.5 -  9.4 Group 2'                18
    6                              9 20'3.5 -  5.4 Group 3'                18
    7                             10 20'1.5 -  3.4 Group 4'                18
    8                             11 20'0.5 -  1.4 Group 5'                18
    9                             14  6'Health care and front line workers- 70
    9                                  will be in either Group 1 or Group-
    9                                  ' DSPATR(RI)

            * * * * *   E N D   O F   E X P A N D E D   S O U R C E   * * * * *
```

DW433F24 GUILHERME TOMMASINI

Message Summary

Total	Informational (0-9)	Warning (10-19)	Error (20-29)	Severe (30-99)
0	0	0	0	0

* CPC7301   00   Message . . . . :   File COVIDINFO created in library DW433F24.

* * * * *   E N D   O F   C O M P I L A T I O N   * * * * *

```
Command  . . . . . . . . . . . . :   CRTBNDRPG
   Issued by  . . . . . . . . . :     DW433F24
Program  . . . . . . . . . . . :   COVIDRPG
   Library  . . . . . . . . . . :     DW433F24
Text 'description' . . . . . . . :   *SRCMBRTXT

Source Member  . . . . . . . . :   COVIDRPG
Source File  . . . . . . . . . :   LAB3B
   Library  . . . . . . . . . . :     DW433F24
   CCSID  . . . . . . . . . . :     37
Text 'description' . . . . . . . :   lab03 program
Last Change  . . . . . . . . . :   02/05/21  16:03:57

Generation severity level  . . . :   10
Default activation group . . . . :   *YES
Compiler options . . . . . . . . :   *XREF      *GEN       *NOSECLVL  *SHOWCPY
                                     *EXPDDS    *EXT       *NOSHOWSKP *NOSRCSTMT
                                     *DEBUGIO   *UNREF     *EVENTF
Debugging views  . . . . . . . . :   *SOURCE
Debug encryption key . . . . . . :   *NONE
Output . . . . . . . . . . . . :   *PRINT
Optimization level . . . . . . . :   *NONE
Source listing indentation . . . :   *NONE
Type conversion options  . . . . :   *NONE
Sort sequence  . . . . . . . . . :   *HEX
Language identifier  . . . . . . :   *JOBRUN
Replace program  . . . . . . . . :   *YES
User profile . . . . . . . . . . :   *USER
Authority  . . . . . . . . . . . :   *LIBCRTAUT
Truncate numeric . . . . . . . . :   *YES
Fix numeric  . . . . . . . . . . :   *NONE
Target release . . . . . . . . . :   *CURRENT
Allow null values  . . . . . . . :   *NO
Define condition names . . . . . :   *NONE
Enable performance collection  . :   *PEP
Profiling data . . . . . . . . . :   *NOCOL
Licensed Internal Code options . :
Generate program interface . . . :   *NO
Include directory  . . . . . . . :
Preprocessor options . . . . . . :   *NONE
```

```
Line   <------------------- Source Specifications -------------------------><---- Comments ----> Do  Page  Change Src Seq
Number ....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+...10 Num Line  Date   Id  Number

                      S o u r c e   L i s t i n g

    1                                                                                                      210205       000001


    2   DCL-F COVIDDSP WORKSTN;                                                                            210131       000100
        *-------------------------------------------------------------------------------------*
        *                                 RPG name           External name                    *
        * File name. . . . . . . . . :  COVIDDSP            DW433F24/COVIDDSP                  *
        * Record format(s) . . . . . :  RISKFACTOR          RISKFACTOR                        *
        *                                 RISKASSMNT          RISKASSMNT                       *
        *-------------------------------------------------------------------------------------*
    3   DCL-F COVIDINFO WORKSTN;                                                                           210203       000101
        *-------------------------------------------------------------------------------------*
        *                                 RPG name           External name                    *
        * File name. . . . . . . . . :  COVIDINFO           DW433F24/COVIDINFO                 *
        * Record format(s) . . . . . :  CINFO               CINFO                             *
        *-------------------------------------------------------------------------------------*


    4   dcl-s tage int(5);                                                                                210204       000102
    5                                                                                                     210131       000103


    6=IRISKFACTOR                                                                                                    1000001
        *-------------------------------------------------------------------------------------*                    1
        * RPG record format  . . . . :  RISKFACTOR                                            *                    1
        * External format  . . . . . :  RISKFACTOR : DW433F24/COVIDDSP                        *                    1
        *-------------------------------------------------------------------------------------*                    1
    7=I                          *ISO-D    1   10   BIRTHDATE                                                       1000002
    8=I                          A    11   11   GENDER                                                             1000003
    9=I                          A    12   12   CVDISEASE                                                          1000004
   10=I                          A    13   13   DIABETES                                                           1000005
   11=I                          A    14   14   RSPDISEASE                                                         1000006
   12=I                          A    15   15   HBPRESSURE                                                         1000007
   13=IRISKASSMNT                                                                                                  2000001
        *-------------------------------------------------------------------------------------*                    2
        * RPG record format  . . . . :  RISKASSMNT                                            *                    2
        * External format  . . . . . :  RISKASSMNT : DW433F24/COVIDDSP                        *                    2
        *-------------------------------------------------------------------------------------*                    2
   14=I                          N    2    2   *IN01                        Cohort Information             2000002
   15=I                          N    1    1   *IN03                        Exit Program                   2000003
   16=ICINFO                                                                                                       3000001
        *-------------------------------------------------------------------------------------*                    3
        * RPG record format  . . . . :  CINFO                                                 *                    3
        * External format  . . . . . :  CINFO : DW433F24/COVIDINFO                            *                    3
        *-------------------------------------------------------------------------------------*                    3


   17   EXSR CLEAR;                                                                                       210131       000104
   18   EXFMT RISKFACTOR;                                                                                 210131       000105
   19                                                                                                     210131       000106
   20   // WHILE NOT F3(IN03)                                                                             210131       000107
   21   DOW NOT(*IN03); //DOW(*IN03 = *OFF) // DOU *IN03                                      B01         210131       000108
   22                                                                                                     210204       000109
```

```
Line   <-------------------- Source Specifications -------------------------><---- Comments ----> Do  Page  Change Src Seq
Number ....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+...10 Num Line  Date   Id  Number
    23      IF GENDER = ' ';                                                                      B02       210204   000112
    24        *IN95 = *ON; //TIP TEXT ON                                                           02       210131   000113
    25        EXFMT RISKFACTOR;                                                                    02       210131   000114
    26        *in95 = *OFF; //TIP TEXT OFF                                                         02       210131   000115
    27        ITER;                                                                                02       210131   000116
    28                                                                                                      210131   000117
    29      ELSEIF CVDISEASE = ' ';                                                               X02       210131   000118
    30        *IN96 = *ON;                                                                         02       210131   000119
    31        EXFMT RISKFACTOR;                                                                    02       210131   000120
    32        *in96 = *OFF;                                                                        02       210131   000121
    33        ITER;                                                                                02       210131   000122
    34                                                                                                      210131   000123
    35      ELSEIF DIABETES = ' ';                                                                X02       210131   000124
    36        *IN97 = *ON;                                                                         02       210131   000125
    37        EXFMT RISKFACTOR;                                                                    02       210131   000126
    38        *in97 = *OFF;                                                                        02       210131   000127
    39        ITER;                                                                                02       210131   000128
    40                                                                                                      210131   000129
    41      ELSEIF RSPDISEASE = ' ';                                                              X02       210131   000130
    42        *IN98 = *ON;                                                                         02       210131   000131
    43        EXFMT RISKFACTOR;                                                                    02       210131   000132
    44        *in98 = *OFF;                                                                        02       210131   000133
    45        ITER;                                                                                02       210131   000134
    46                                                                                                      210131   000135
    47      ELSEIF HBPRESSURE = ' ';                                                              X02       210131   000136
    48        *IN99 = *ON;                                                                         02       210131   000137
    49        EXFMT RISKFACTOR;                                                                    02       210131   000138
    50        *in99 = *OFF;                                                                        02       210131   000139
    51        ITER;                                                                                02       210131   000140
    52                                                                                                      210131   000141
    53      ELSE;                                                                                 X02       210131   000142
    54        //EXECUTE 2ND SCREEN                                                                         210131   000143
    55        EXSR DETERMINERISK;                                                                  02       210131   000144
    56        TOTALQ = TOTALQ +1; // INCREASES NUMBER OF QUERIES                                   02       210131   000145
    57        *IN60 = *ON;        // PROTECT FIELDS                                                02       210131   000146
    58        WRITE RISKFACTOR;   // WRITE FIRST SCREEN                                            02       210131   000147
    59        EXFMT RISKASSMNT;   // EXECUTE 2ND SCREEN                                            02       210131   000148
    60                                                                                                      210203   000149
    61        //OPEN COVID INFO                                                                            210203   000150
    62        IF *IN01 = *on;                                                                     B03       210203   000151
    63          EXFMT CINFO;                                                                       03       210203   000152
    64          //going back                                                                               210205   000153
    65          WRITE RISKFACTOR;                                                                  03       210205   000154
    66          EXFMT RISKASSMNT;                                                                  03       210205   000155
    67        ENDIF;                                                                              E03       210205   000156
    68                                                                                                      210203   000158
    69        *IN60 = *OFF;       // unlock fields                                                 02       210205   000159
    70      ENDIF;                                                                                E02       210203   000161
    71                                                                                                      210131   000162
    72      IF *IN03 = *OFF; //USER CHOSE NOT TO EXIT (PRESSED ENTER)                             B02       210203   000163
    73        EXSR CLEAR;                                                                          02       210203   000164
    74        EXFMT RISKFACTOR;                                                                    02       210203   000165
    75      ENDIF;                                                                                E02       210203   000166
    76                                                                                                      210131   000167
    77    ENDDO;                                                                                  E01       210131   000168
    78                                                                                                      210131   000169
```

DW433F24 GUILHERME TOMMASINI

```
Line   <-------------------- Source Specifications ---------------------------><---- Comments ----> Do  Page  Change Src Seq
Number ....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+...10 Num Line  Date   Id  Number
    79   *INLR = *ON;                                                                                       210131     000170
    80   RETURN;                                                                                            210131     000171
    81                                                                                                      210131     000172
    82   BEGSR CLEAR;                                                                                       210131     000173
    83    *IN95 = *OFF;                                                                                     210203     000174
    84    CLEAR BIRTHDATE;                                                                                  210203     000175
    85    GENDER =' ';    // CLEAR GENDER (ANOTHER WAY TO CLEAR)                                            210203     000176
    86    CVDISEASE =''; // this also clear field                                                           210203     000177
    87    CLEAR DIABETES;                                                                                   210203     000178
    88    CLEAR RSPDISEASE ;                                                                                210203     000179
    89    CLEAR HBPRESSURE;                                                                                 210203     000180
    90   ENDSR;                                                                                             210131     000181
    91                                                                                                      210131     000182
    92   BEGSR DETERMINERISK;                                                                               210131     000183
    93    //CALCULATING AGE                                                                                 210204     000184
    94    tAGE = %DIFF(%DATE():BIRTHDATE:*Y);                                                               210204     000185
    95    IF tAGE > 999;                                                                            B01      210204     000186
    96      AGE = 999;                                                                              01       210204     000187
    97    else;                                                                                    X01      210205     000188
    98      age = tage;                                                                            01       210205     000189
    99    ENDIF;                                                                                   E01      210204     000190
   100    //CALCULATING FRATE                                                                               210203     000191
   101    //FRATE = 0.052;                                                                                  210203     000192
   102    SELECT;                                                                                  B01      210203     000193
   103    WHEN AGE >= 80;                                                                          X01      210203     000194
   104      FRATE =   14.800;                                                                      01       210203     000195
   105    WHEN AGE >= 70;                                                                          X01      210203     000196
   106      FRATE =    8.000;                                                                      01       210203     000197
   107    WHEN AGE >= 60;                                                                          X01      210203     000198
   108      FRATE =    3.600;                                                                      01       210203     000199
   109    WHEN AGE >= 50;                                                                          X01      210203     000200
   110      FRATE =    1.300;                                                                      01       210203     000201
   111    WHEN AGE >= 40;                                                                          X01      210203     000202
   112      FRATE =    0.400;                                                                      01       210203     000203
   113    WHEN AGE >= 30;                                                                          X01      210203     000204
   114      FRATE =     .250;                                                                      01       210203     000205
   115    WHEN AGE >= 20;                                                                          X01      210203     000206
   116      FRATE =     .230;                                                                      01       210203     000207
   117    WHEN AGE >= 10;                                                                          X01      210203     000208
   118      FRATE =     .200;                                                                      01       210203     000209
   119    OTHER;                                                                                   X01      210203     000210
   120      FRATE =     .100;                                                                      01       210203     000211
   121    ENDSL;                                                                                   E01      210203     000212
   122                                                                                                      210203     000213
   123    IF GENDER = 'F';                                                                         B01      210203     000214
   124      FRATE -= 0.05;                                                                         01       210203     000215
   125    ENDIF;                                                                                   E01      210203     000216
   126                                                                                                      210203     000217
   127    IF CVDISEASE = 'Y';                                                                      B01      210203     000218
   128      FRATE += .8;                                                                           01       210203     000219
   129    ENDIF;                                                                                   E01      210203     000220
   130    IF DIABETES = 'Y';                                                                       B01      210203     000221
   131      FRATE += .6;                                                                           01       210203     000222
   132    ENDIF;                                                                                   E01      210203     000223
   133    IF RSPDISEASE = 'Y';                                                                     B01      210203     000224
   134      FRATE += .4;                                                                           01       210203     000225
```

```
Line    <-------------------- Source Specifications ------------------------------><---- Comments ----> Do  Page  Change Src Seq
Number  ....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+...10 Num Line  Date   Id  Number
  135     ENDIF;                                                                                        E01       210203    000226
  136     IF  HBPRESSURE = 'Y';                                                                         B01       210203    000227
  137       FRATE += .3;                                                                                 01       210203    000228
  138     ENDIF;                                                                                        E01       210203    000229
  139                                                                                                             210203    000230
  140     //SETTING GROUP                                                                                         210203    000231
  141     SELECT;                                                                                       B01       210203    000232
  142     WHEN FRATE >9.4;                                                                              X01       210203    000233
  143       COHORT = 'GROUP 1';                                                                          01       210203    000234
  144     WHEN FRATE >5.4;                                                                              X01       210203    000235
  145       COHORT = 'GROUP 2';                                                                          01       210203    000236
  146     WHEN FRATE >3.4;                                                                              X01       210203    000237
  147       COHORT = 'GROUP 3';                                                                          01       210203    000238
  148     WHEN FRATE >1.4;                                                                              X01       210203    000239
  149       COHORT = 'GROUP 4';                                                                          01       210203    000240
  150     OTHER;                                                                                        X01       210203    000241
  151       COHORT = 'GROUP 5';                                                                          01       210203    000242
  152     ENDSL;                                                                                        E01       210203    000243
  153                                                                                                             210203    000244
  154   ENDSR;                                                                                                    210203    000245
  155=ORISKFACTOR                                                                                                           4000001
        *-------------------------------------------------------------------------------------*                            4
        * RPG record format  . . . . :  RISKFACTOR                                             *                            4
        * External format  . . . . . :  RISKFACTOR : DW433F24/COVIDDSP                         *                            4
        *-------------------------------------------------------------------------------------*                            4
  156=O                         *IN60               1N CHAR        1                                                        4000002
  157=O                         *IN95               2N CHAR        1                                                        4000003
  158=O                         *IN96               3N CHAR        1                                                        4000004
  159=O                         *IN97               4N CHAR        1                                                        4000005
  160=O                         *IN98               5N CHAR        1                                                        4000006
  161=O                         *IN99               6N CHAR        1                                                        4000007
  162=O                         BIRTHDATE          16D DATE *ISO- 10                                                        4000008
  163=O                         GENDER             17A CHAR        1                                                        4000009
  164=O                         CVDISEASE          18A CHAR        1                                                        4000010
  165=O                         DIABETES           19A CHAR        1                                                        4000011
  166=O                         RSPDISEASE         20A CHAR        1                                                        4000012
  167=O                         HBPRESSURE         21A CHAR        1                                                        4000013
  168=ORISKASSMNT                                                                                                           5000001
        *-------------------------------------------------------------------------------------*                            5
        * RPG record format  . . . . :  RISKASSMNT                                             *                            5
        * External format  . . . . . :  RISKASSMNT : DW433F24/COVIDDSP                         *                            5
        *-------------------------------------------------------------------------------------*                            5
  169=O                         AGE                 3S ZONE      3,0                                                        5000002
  170=O                         FRATE               8S ZONE      5,3        Fatality rate (percentage)                      5000003
  171=O                         COHORT             17A CHAR        9                                                        5000004
  172=O                         TOTALQ             20S ZONE      3,0                                                        5000005
  173=OCINFO                                                                                                               6000001
        *-------------------------------------------------------------------------------------*                            6
        * RPG record format  . . . . :  CINFO                                                  *                            6
        * External format  . . . . . :  CINFO : DW433F24/COVIDINFO                             *                            6
        *-------------------------------------------------------------------------------------*                            6

      * * * * *   E N D   O F   S O U R C E   * * * * *
```

DW433F24 GUILHERME TOMMASINI

A d d i t i o n a l   D i a g n o s t i c   M e s s a g e s

Msg id Sv Number Seq   Message text

* * * * *   E N D   O F   A D D I T I O N A L   D I A G N O S T I C   M E S S A G E S   * * * * *

O u t p u t   B u f f e r   P o s i t i o n s

Line   Start End   Field or Constant

Number Pos   Pos
   156   1   1 *IN60
   157   2   2 *IN95
   158   3   3 *IN96
   159   4   4 *IN97
   160   5   5 *IN98
   161   6   6 *IN99
   162   7   16 BIRTHDATE
   163   17   17 GENDER
   164   18   18 CVDISEASE
   165   19   19 DIABETES
   166   20   20 RSPDISEASE
   167   21   21 HBPRESSURE
   169   1   3 AGE
   170   4   8 FRATE
   171   9   17 COHORT
   172   18   20 TOTALQ

* * * * *   E N D   O F   O U T P U T   B U F F E R   P O S I T I O N   *   * * * *

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                          C r o s s   R e f e r e n c e

File and Record References:

```
    File              Device        References (D=Defined)
      Record
    COVIDDSP          WORKSTN             2D
      RISKFACTOR                          2D        6        18        25
                                         31       37        43        49
                                         58       65        74       155
      RISKASSMNT                          2D       13        59        66
                                        168
    COVIDINFO         WORKSTN             3D
      CINFO                               3D       16        63       173
```

Global Field References:

```
    Field             Attributes    References (D=Defined M=Modified)
    *INLR             N(1)               79M
    *IN01             N(1)               14D       62
    *IN03             N(1)               15D       21        72
    *IN60             N(1)               57M       69M      156
    *IN95             N(1)               24M       26M       83M      157
    *IN96             N(1)               30M       32M      158
    *IN97             N(1)               36M       38M      159
    *IN98             N(1)               42M       44M      160
    *IN99             N(1)               48M       50M      161
    AGE               P(3,0)             96M       98M      103       105
                                        107      109       111       113
                                        115      117       169
    BIRTHDATE         D(10*ISO-)          7M       84M       94       162
    CLEAR             BEGSR              17       73        82D
    COHORT            A(9)              143M      145M      147M      149M
                                        151M     171
    CVDISEASE         A(1)                9M       29        86M      127
                                        164
    DETERMINERISK     BEGSR              55       92D
    DIABETES          A(1)               10M       35        87M      130
                                        165
    FRATE             P(5,3)            104M      106M      108M      110M
                                        112M     114M      116M      118M
                                        120M     124M      128M      131M
                                        134M     137M      142       144
                                        146      148       170
    GENDER            A(1)                8M       23        85M      123
                                        163
    HBPRESSURE        A(1)               12M       47        89M      136
                                        167
    RSPDISEASE        A(1)               11M       41        88M      133
                                        166
    TAGE              I(5,0)              4D       94M       95        98
    TOTALQ            P(3,0)             56M       56       172
```

Indicator References:

```
    Indicator                       References (D=Defined M=Modified)
    01                                   14M       62
    03                                   15M       21        72
```

                          DW433F24 GUILHERME TOMMASINI

```
60                              57M    69M    156
95                              24M    26M     83M     157
96                              30M    32M    158
97                              36M    38M    159
98                              42M    44M    160
99                              48M    50M    161
LR                              79M
```

* * * * *   E N D   O F   C R O S S   R E F E R E N C E   * * * * *

                    E x t e r n a l   R e f e r e n c e s

    Statically bound procedures:
      Procedure   References
      No references in the source.

    Imported fields:
      Field   Attributes   Defined
      No references in the source.

    Exported fields:
      Field   Attributes   Defined
      No references in the source.

 * * * * *   E N D   O F   E X T E R N A L   R E F E R E N C E S   * * * * *

M e s s a g e   S u m m a r y

Msg id Sv Number Message text
    * * * * *   E N D   O F   M E S S A G E   S U M M A R Y   * * * * *

DW433F24 GUILHERME TOMMASINI

                  F i n a l   S u m m a r y

Message Totals:

    Information (00) . . . . :   0
    Warning   (10) . . . . :   0
    Error   (20) . . . . :   0
    Severe Error (30+) . . . . :   0
    ------------------------------   -------
    Total . . . . :   0

Source Totals:

    Records . . . . :   173
    Specifications . . . . :   145
    Data records . . . . :   0
    Comments . . . . :   8

          * * * * *   E N D   O F   F I N A L   S U M M A R Y   * * * * *
Program COVIDRPG placed in library DW433F24. 00 highest severity. Created on 02/05/21 at 16:04:44.
          * * * * *   E N D   O F   C O M P I L A T I O N   * * * * *