```
Command  . . . . . . . . . . . . :   CRTBNDRPG
   Issued by  . . . . . . . . . :     DC433C37
Program  . . . . . . . . . . . . :   COVIDRPG
   Library  . . . . . . . . . . :     DC433C37
Text 'description' . . . . . . . :   *SRCMBRTXT


Source Member  . . . . . . . . . :   COVIDRPG
Source File  . . . . . . . . . . :   QRPGLESRC
   Library  . . . . . . . . . . :     DC433C37
   CCSID  . . . . . . . . . . . :     37
Text 'description' . . . . . . . :
Last Change  . . . . . . . . . . :   06/16/21  07:23:44

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
```

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


     1    DCL-F COVIDDSP WORKSTN;                                                                          210609      000003
          *-----------------------------------------------------------------------------------*
          *                              RPG name           External name                     *
          * File name. . . . . . . . . :  COVIDDSP          DC433C37/COVIDDSP                  *
          * Record format(s) . . . . . :  RISKFACTOR        RISKFACTOR                         *
          *                               RISKASSMNT        RISKASSMNT                         *
          *-----------------------------------------------------------------------------------*
     2    DCL-F COVIDINFO WORKSTN;                                                                          210615      000004
          *-----------------------------------------------------------------------------------*
          *                              RPG name           External name                     *
          * File name. . . . . . . . . :  COVIDINFO         DC433C37/COVIDINFO                 *
          * Record format(s) . . . . . :  CINFO             CINFO                              *
          *-----------------------------------------------------------------------------------*


     3    DCL-S tempAGE int(5);                                                                             210616      000005
     4                                                                                                      210609      000006


     5=IRISKFACTOR                                                                                          1000001
          *-----------------------------------------------------------------------------------*            1
          * RPG record format  . . . . :  RISKFACTOR                                           *            1
          * External format  . . . . . :  RISKFACTOR : DC433C37/COVIDDSP                       *            1
          *-----------------------------------------------------------------------------------*            1
     6=I                        *ISO-D    1   10   BIRTHDATE                                                 1000002
     7=I                            A    11   11   GENDER                                                    1000003
     8=I                            A    12   12   CVDISEASE                                                 1000004
     9=I                            A    13   13   DIABETES                                                  1000005
    10=I                            A    14   14   RSPDISEASE                                                1000006
    11=I                            A    15   15   HBPRESSURE                                                1000007
    12=IRISKASSMNT                                                                                          2000001
          *-----------------------------------------------------------------------------------*            2
          * RPG record format  . . . . :  RISKASSMNT                                           *            2
          * External format  . . . . . :  RISKASSMNT : DC433C37/COVIDDSP                       *            2
          *-----------------------------------------------------------------------------------*            2
    13=I                            N    2    2   *IN01                        Cohort Information           2000002
    14=I                            N    1    1   *IN03                        Exit Program                2000003
    15=ICINFO                                                                                              3000001
          *-----------------------------------------------------------------------------------*            3
          * RPG record format  . . . . :  CINFO                                                *            3
          * External format  . . . . . :  CINFO : DC433C37/COVIDINFO                           *            3
          *-----------------------------------------------------------------------------------*            3


    16    EXSR CLEAR;                                                                                       210609      000007
    17    EXFMT RISKFACTOR;                                                                                 210609      000008
    18                                                                                                      210609      000009
    19    DOW NOT(*IN03);                                                                          B01      210609      000010
    20      IF GENDER = ' ';                                                                       B02      210609      000011
    21        *IN95 = *ON;                                                                         02       210609      000012
    22        EXFMT RISKFACTOR;                                                                    02       210609      000013
```

```
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       *in95 = *OFF;                                                                           02        210609     000014
    24       ITER;                                                                                   02        210609     000015
    25                                                                                                         210609     000016
    26    ELSEIF CVDISEASE = ' ';                                                                    X02       210609     000017
    27       *IN96 = *ON;                                                                            02        210609     000018
    28       EXFMT RISKFACTOR;                                                                       02        210609     000019
    29       *in96 = *OFF;                                                                           02        210609     000020
    30       ITER;                                                                                   02        210609     000021
    31                                                                                                         210609     000022
    32    ELSEIF DIABETES = ' ';                                                                     X02       210609     000023
    33       *IN97 = *ON;                                                                            02        210609     000024
    34       EXFMT RISKFACTOR;                                                                       02        210609     000025
    35       *in97 = *OFF;                                                                           02        210609     000026
    36       ITER;                                                                                   02        210609     000027
    37                                                                                                         210609     000028
    38    ELSEIF RSPDISEASE = ' ';                                                                   X02       210609     000029
    39       *IN98 = *ON;                                                                            02        210609     000030
    40       EXFMT RISKFACTOR;                                                                       02        210609     000031
    41       *in98 = *OFF;                                                                           02        210609     000032
    42       ITER;                                                                                   02        210609     000033
    43                                                                                                         210609     000034
    44    ELSEIF HBPRESSURE = ' ';                                                                   X02       210609     000035
    45       *IN99 = *ON;                                                                            02        210609     000036
    46       EXFMT RISKFACTOR;                                                                       02        210609     000037
    47       *in99 = *OFF;                                                                           02        210609     000038
    48       ITER;                                                                                   02        210609     000039
    49                                                                                                         210609     000040
    50    ELSE;                                                                                      X02       210609     000041
    51       //EXECUTE 2ND SCREEN                                                                              210609     000042
    52       EXSR DETERMINERISK;                                                                     02        210609     000043
    53       TOTALQ = TOTALQ +1;                                                                     02        210609     000044
    54       *IN60 = *ON;                                                                            02        210609     000045
    55       WRITE RISKFACTOR;                                                                       02        210609     000046
    56       EXFMT RISKASSMNT;                                                                       02        210609     000047
    57       *IN60 = *OFF;                                                                           02        210609     000048
    58                                                                                                         210609     000049
    59       //OPENS THE COVID INFO PAGE                                                                       210615     000050
    60       IF *IN01 = *on;                                                                         B03       210615     000051
    61         EXFMT CINFO;                                                                          03        210615     000054
    62         WRITE RISKFACTOR;                                                                     03        210615     000055
    63         EXFMT RISKASSMNT;                                                                     03        210615     000056
    64       ENDIF;                                                                                  E03       210615     000057
    65                                                                                                         210615     000058
    66       *IN60 = *OFF;                                                                           02        210615     000059
    67                                                                                                         210615     000060
    68    ENDIF;                                                                                     E02       210609     000061
    69                                                                                                         210609     000062
    70    IF *IN03 = *OFF;                                                                           B02       210609     000063
    71       EXSR CLEAR;                                                                             02        210609     000064
    72       EXFMT RISKFACTOR;                                                                       02        210609     000065
    73    ENDIF;                                                                                     E02       210609     000066
    74                                                                                                         210609     000067
    75    ENDDO;                                                                                     E01       210609     000068
    76                                                                                                         210609     000069
    77    *INLR = *ON;                                                                                         210609     000070
    78    RETURN;                                                                                              210609     000071
```

```
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                                                                                                             210609     000072
    80    BEGSR CLEAR;                                                                                             210609     000073
    81     *IN95 = *OFF;                                                                                           210609     000074
    82     CLEAR BIRTHDATE;                                                                                        210609     000075
    83     GENDER =' ';                                                                                            210609     000076
    84     CVDISEASE ='';                                                                                          210609     000077
    85     CLEAR DIABETES;                                                                                         210609     000078
    86     CLEAR RSPDISEASE;                                                                                       210615     000079
    87     CLEAR HBPRESSURE;                                                                                       210609     000080
    88    ENDSR;                                                                                                   210609     000081
    89                                                                                                             210609     000082
    90    BEGSR DETERMINERISK;                                                                                     210609     000083
    91                                                                                                             210615     000085
    92     tempAGE = %DIFF(%DATE():BIRTHDATE:*YEARS);                                                              210616     000086
    93     IF tempAGE > 999;                                                                        B01           210615     000088
    94       AGE = 999;                                                                             01            210615     000089
    95     else;                                                                                    X01           210615     000090
    96        AGE = tempAGE;                                                                        01            210615     000091
    97     ENDIF;                                                                                   E01           210615     000092
    98                                                                                                             210615     000094
    99     SELECT;                                                                                  B01           210615     000095
   100     WHEN AGE >= 80;                                                                          X01           210615     000096
   101       FRATE =   14.800;                                                                      01            210615     000097
   102     WHEN AGE >= 70;                                                                          X01           210615     000098
   103       FRATE =    8.000;                                                                      01            210615     000099
   104     WHEN AGE >= 60;                                                                          X01           210615     000100
   105       FRATE =    3.600;                                                                      01            210615     000101
   106     WHEN AGE >= 50;                                                                          X01           210615     000102
   107       FRATE =    1.300;                                                                      01            210615     000103
   108     WHEN AGE >= 40;                                                                          X01           210615     000104
   109       FRATE =    0.400;                                                                      01            210615     000105
   110     WHEN AGE >= 30;                                                                          X01           210615     000106
   111       FRATE =     .250;                                                                      01            210615     000107
   112     WHEN AGE >= 20;                                                                          X01           210615     000108
   113       FRATE =     .230;                                                                      01            210615     000109
   114     WHEN AGE >= 10;                                                                          X01           210615     000110
   115       FRATE =     .200;                                                                      01            210615     000111
   116     OTHER;                                                                                   X01           210615     000112
   117       FRATE =     .100;                                                                      01            210615     000113
   118     ENDSL;                                                                                   E01           210615     000114
   119                                                                                                            210615     000115
   120     IF GENDER = 'F';                                                                         B01           210615     000116
   121       FRATE -= 0.05;                                                                         01            210615     000117
   122     ENDIF;                                                                                   E01           210615     000118
   123                                                                                                            210615     000119
   124     IF CVDISEASE = 'Y';                                                                      B01           210615     000120
   125       FRATE += .8;                                                                           01            210615     000121
   126     ENDIF;                                                                                   E01           210615     000122
   127     IF DIABETES = 'Y';                                                                       B01           210615     000123
   128       FRATE += .6;                                                                           01            210615     000124
   129     ENDIF;                                                                                   E01           210615     000125
   130     IF RSPDISEASE = 'Y';                                                                     B01           210615     000126
   131       FRATE += .4;                                                                           01            210615     000127
   132     ENDIF;                                                                                   E01           210615     000128
   133     IF  HBPRESSURE = 'Y';                                                                    B01           210615     000129
   134       FRATE += .3;                                                                           01            210615     000130
```

```
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       210615    000131
   136                                                                                                          210615    000132
   137     SELECT;                                                                                    B01       210615    000134
   138     WHEN FRATE >9.4;                                                                           X01       210615    000135
   139       COHORT = 'GROUP 1';                                                                       01       210615    000136
   140     WHEN FRATE >5.4;                                                                           X01       210615    000137
   141       COHORT = 'GROUP 2';                                                                       01       210615    000138
   142     WHEN FRATE >3.4;                                                                           X01       210615    000139
   143       COHORT = 'GROUP 3';                                                                       01       210615    000140
   144     WHEN FRATE >1.4;                                                                           X01       210615    000141
   145       COHORT = 'GROUP 4';                                                                       01       210615    000142
   146     OTHER;                                                                                     X01       210615    000143
   147       COHORT = 'GROUP 5';                                                                       01       210615    000144
   148     ENDSL;                                                                                     E01       210615    000145
   149                                                                                                          210615    000146
   150     ENDSR;                                                                                               210615    000147
   151                                                                                                          210615    000148
   152                                                                                                          210615    000149
   153=ORISKFACTOR                                                                                                        4000001
        *------------------------------------------------------------------------------------*                       4
        * RPG record format  . . . . :  RISKFACTOR                                            *                       4
        * External format  . . . . . :  RISKFACTOR : DC433C37/COVIDDSP                        *                       4
        *------------------------------------------------------------------------------------*                       4
   154=O                        *IN60          2N CHAR     1                                                          4000002
   155=O                        *IN95          1N CHAR     1                                                          4000003
   156=O                        *IN96          3N CHAR     1                                                          4000004
   157=O                        *IN97          4N CHAR     1                                                          4000005
   158=O                        *IN98          5N CHAR     1                                                          4000006
   159=O                        *IN99          6N CHAR     1                                                          4000007
   160=O                        BIRTHDATE     16D DATE *ISO- 10                                                       4000008
   161=O                        GENDER        17A CHAR     1                                                          4000009
   162=O                        CVDISEASE     18A CHAR     1                                                          4000010
   163=O                        DIABETES      19A CHAR     1                                                          4000011
   164=O                        RSPDISEASE    20A CHAR     1                                                          4000012
   165=O                        HBPRESSURE    21A CHAR     1                                                          4000013
   166=ORISKASSMNT                                                                                                       5000001
        *------------------------------------------------------------------------------------*                       5
        * RPG record format  . . . . :  RISKASSMNT                                            *                       5
        * External format  . . . . . :  RISKASSMNT : DC433C37/COVIDDSP                        *                       5
        *------------------------------------------------------------------------------------*                       5
   167=O                        AGE            3S ZONE     3,0                                                        5000002
   168=O                        FRATE          8S ZONE     5,3           Fatality rate (percentage)                   5000003
   169=O                        COHORT        17A CHAR     9                                                          5000004
   170=O                        TOTALQ        20S ZONE     3,0                                                        5000005
   171=OCINFO                                                                                                            6000001
        *------------------------------------------------------------------------------------*                       6
        * RPG record format  . . . . :  CINFO                                                 *                       6
        * External format  . . . . . :  CINFO : DC433C37/COVIDINFO                            *                       6
        *------------------------------------------------------------------------------------*                       6

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

DC433C37 DAVINDER VERMA

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
   154   2   2 *IN60
   155   1   1 *IN95
   156   3   3 *IN96
   157   4   4 *IN97
   158   5   5 *IN98
   159   6   6 *IN99
   160   7   16 BIRTHDATE
   161   17   17 GENDER
   162   18   18 CVDISEASE
   163   19   19 DIABETES
   164   20   20 RSPDISEASE
   165   21   21 HBPRESSURE
   167   1   3 AGE
   168   4   8 FRATE
   169   9   17 COHORT
   170   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   * * * * *

DC433C37 DAVINDER VERMA

                         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	1D			
RISKFACTOR		1D	5	17	22
		28	34	40	46
		55	62	72	153
RISKASSMNT		1D	12	56	63
		166			
COVIDINFO	WORKSTN	2D			
CINFO		2D	15	61	171

Global Field References:

Field	Attributes	References (D=Defined M=Modified)			
*INLR	N(1)	77M			
*IN01	N(1)	13D	60		
*IN03	N(1)	14D	19	70	
*IN60	N(1)	54M	57M	66M	154
*IN95	N(1)	21M	23M	81M	155
*IN96	N(1)	27M	29M	156	
*IN97	N(1)	33M	35M	157	
*IN98	N(1)	39M	41M	158	
*IN99	N(1)	45M	47M	159	
AGE	P(3,0)	94M	96M	100	102
		104	106	108	110
		112	114	167	
BIRTHDATE	D(10*ISO-)	6M	82M	92	160
CLEAR	BEGSR	16	71	80D	
COHORT	A(9)	139M	141M	143M	145M
		147M	169		
CVDISEASE	A(1)	8M	26	84M	124
		162			
DETERMINERISK	BEGSR	52	90D		
DIABETES	A(1)	9M	32	85M	127
		163			
FRATE	P(5,3)	101M	103M	105M	107M
		109M	111M	113M	115M
		117M	121M	125M	128M
		131M	134M	138	140
		142	144	168	
GENDER	A(1)	7M	20	83M	120
		161			
HBPRESSURE	A(1)	11M	44	87M	133
		165			
RSPDISEASE	A(1)	10M	38	86M	130
		164			
TEMPAGE	I(5,0)	3D	92M	93	96
TOTALQ	P(3,0)	53M	53	170	

Indicator References:

Indicator	References (D=Defined M=Modified)		
01	13M	60	
03	14M	19	70

                         DC433C37 DAVINDER VERMA

```
60                                  54M     57M     66M     154
95                                  21M     23M     81M     155
96                                  27M     29M     156
97                                  33M     35M     157
98                                  39M     41M     158
99                                  45M     47M     159
LR                                  77M
```

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

DC433C37 DAVINDER VERMA

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   * * * * *

                    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 . . . . :   171
    Specifications . . . . :   146
    Data records . . . . :   0
    Comments . . . . :   2

        * * * * *   E N D   O F   F I N A L   S U M M A R Y   * * * * *
Program COVIDRPG placed in library DC433C37. 00 highest severity. Created on 06/16/21 at 07:26:23.
        * * * * *   E N D   O F   C O M P I L A T I O N   * * * * *