

File name : COVIDDSP
Library name : DW433F24
File attribute : Display
Source file containing DDS : LAB3
Library name : DW433F24
Source member containing DDS : COVIDDSP
Source member last changed : 01/31/21 14:29:05
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	01/30/21
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	01/30/21
13	A GENDER 1A B 5 42VALUES('M' 'F')	01/30/21
14	A 95 DSPATR(RI PC)	01/30/21
15	A 60 DSPATR(PR)	01/30/21
18	/* (RI PC PR) reverse image, position cursor, protected */	01/30/21
19	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
44		01/30/21

Data Description Source									
SEQNBR	*...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8								Date
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
56	A				15	27	'R I S K A S S E S S M E N T'		01/30/21
57	A				17	6	'Age'		01/30/21
58	A		AGE	3	00	19	6EDTCDE(1)		01/30/21
59									01/30/21
60	A				17	13	'Fatality Rate'		01/30/21
61	A		FRATE	5Y	30	19	17TEXT('Fatality rate (percentage)')		01/31/21
62	A						EDTCDE(1)		01/31/21
63	A				19	24	'%'		01/30/21
64									01/30/21
65	A				17	31	'Vaccination Recomendation'		01/30/21
66	A				19	34	'Cohort: '		01/30/21
67	A		COHORT	9X	O	19	43		01/30/21
68									01/30/21
69	A				17	62	'Total Queries: '		01/30/21
70	A		TOTALQ	3	00	19	68EDTCDE(1)		01/31/21
71									01/30/21
72	A				23	6	'F1 - Cohort Information'		01/30/21
73	A				23	41	'F3 - Exit'		01/30/21
100									
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									
SEQNBR	*...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8	Field length	Buffer Out	position In					
		DSPSIZ(*DS3)							
	* Option indicator output buffer positions:								
	* *IN60 0002 *IN95 0001 *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	GENDER	1A B 5 42VALUES('M' 'F')		1		17		11	
14	95	DSPATR(RI PC)							
15	60	DSPATR(PR)							
19	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:								
	* *IN03 0001								
54	R RISKASSMNT	CF03(03 'Exit Program') OVERLAY							
56		15 27'R I S K A S S E S S M E N T'		29					
57		17 6'Age'		3					
58	AGE	3Y 00 19 6EDTCDE(1)		3		1			
60		17 13'Fatality Rate'		13					
61	FRATE	5Y 30 19 17TEXT('Fatality rate (percentage)') +		5		4			
62		EDTCDE(1)							
63		19 24'%'		1					
65		17 31'Vaccination Recomendation'		24					
66		19 34'Cohort: '		7					
67	COHORT	9X O 19 43		9		9			
DW433F24 GUILHERME TOMMASINI									

Expanded Source								Field length	Buffer position	
SEQNBR	*...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8								Out	In
69				17	62	'Total Queries:'		14		
70		TOTALQ	3Y 00	19	68	EDTCDE(1)		3	18	
72				23	6	'F1 - Cohort Information'		23		
73				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 * * * * *

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

Source Member . . . . . : COVIDRPG
Source File . . . . . : LAB3
  Library . . . . . : DW433F24
  CCSID . . . . . : 37
Text 'description' . . . . . : lab03 program
Last Change . . . . . : 02/03/21 11:32:13

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 . . . . . : *JOB RUN
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
```

1		210131	000001
2		210131	000002

```

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

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4	210131	000101
---	--------	--------

5=RISKFACTOR	1000001
-----	1
* RPG record format : RISKFACTOR	1
* External format : RISKFACTOR : DW433F24/COVIDDSP	1
-----	1

Field	Format	Start	End	Description	Value
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 : DW433F24/COVIDDSP					2
-----					2
13=I	N	1	1	*IN03	2000002
Exit Program					

14	EXSR CLEAR;		210131	000103
15	EXFMT RISKFACTOR;		210131	000105
16			210131	000106
17	// WHILE NOT F3(IN03)		210131	000107
18	DOW NOT(*IN03); //DOW(*IN03 = *OFF) // DOU *IN03	B01	210131	000108
19	IF GENDER = ' ';	B02	210131	000109
20	*IN95 = *ON; //TIP TEXT ON	02	210131	000110
21	EXFMT RISKFACTOR;	02	210131	000111
22	*in95 = *OFF; //TIP TEXT OFF	02	210131	000112
23	ITER;	02	210131	000113
24			210131	000114
25	ELSEIF CVDISEASE = ' ';	X02	210131	000115
26	*IN96 = *ON;	02	210131	000116
27	EXFMT RISKFACTOR;	02	210131	000117
28	*in96 = *OFF;	02	210131	000118
29	ITER;	02	210131	000119
30			210131	000120
31	ELSEIF DIABETES = ' ';	X02	210131	000121
32	*IN97 = *ON;	02	210131	000122
33	EXFMT RISKFACTOR;	02	210131	000123

Line Number	Source Specifications	Comments	Do Num	Page Line	Change Date	Src Id	Seq Number
34	*in97 = *OFF;		02		210131		000124
35	ITER;		02		210131		000125
36					210131		000126
37	ELSEIF RSPDISEASE = ' ';		X02		210131		000127
38	*IN98 = *ON;		02		210131		000128
39	EXFMT RISKFACTOR;		02		210131		000129
40	*in98 = *OFF;		02		210131		000130
41	ITER;		02		210131		000131
42					210131		000132
43	ELSEIF HBPRESSURE = ' ';		X02		210131		000133
44	*IN99 = *ON;		02		210131		000134
45	EXFMT RISKFACTOR;		02		210131		000135
46	*in99 = *OFF;		02		210131		000136
47	ITER;		02		210131		000137
48					210131		000138
49	ELSE;		X02		210131		000139
50	//EXECUTE 2ND SCREEN				210131		000140
51	EXSR DETERMINERISK;		02		210131		000141
52	TOTALQ = TOTALQ +1; // INCREASES NUMBER OF QUERIES		02		210131		000142
53	*IN60 = *ON; // PROTECT FIELDS		02		210131		000143
54	WRITE RISKFACTOR; // WRITE FIRST SCREEN		02		210131		000144
55	EXFMT RISKASSMNT; // EXECUTE 2ND SCREEN		02		210131		000146
56	*IN60 = *OFF; // unlock fields		02		210203		000147
57					210131		000151
58	ENDIF;		E02		210131		000152
59					210131		000153
60	IF *IN03 = *OFF; //USER CHOSE NOT TO EXIT (PRESSED ENTER)		B02		210131		000154
61	EXSR CLEAR;		02		210131		000155
62	EXFMT RISKFACTOR;		02		210131		000156
63	ENDIF;		E02		210131		000157
64					210131		000158
65	ENDDO;		E01		210131		000159
66					210131		000160
67	*INLR = *ON;				210131		000161
68	RETURN;				210131		000162
69					210131		000163
70	BEGSR CLEAR;				210131		000164
71	*IN95 = *OFF;				210131		000165
72	CLEAR BIRTHDATE;				210131		000166
73	GENDER = ' ' ; // CLEAR GENDER (ANOTHER WAY TO CLEAR)				210203		000167
74	CVDISEASE = '' ; // this also clear field				210203		000168
75	CLEAR DIABETES;				210131		000169
76	CLEAR RSPDISEASE ;				210131		000170
77	CLEAR HBPRESSURE;				210131		000171
78	ENDSR;				210131		000172
79					210131		000173
80	BEGSR DETERMINERISK;				210131		000174
81	//DUMMIE IN LAB03				210131		000175
82	AGE = 25;				210131		000176
83	FRATE = 0.052;				210131		000177
84	COHORT = 'GROUP 4' ;				210131		000178
85	ENDSR;				210131		000179
86	=ORISKFACTOR						3000001
	-----						3
	* RPG record format : RISKFACTOR						3
	* External format : RISKFACTOR : DW433F24/COVIDDSP						3

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								
-----															3
87=0		*IN60	2N	CHAR	1									3000002	
88=0		*IN95	1N	CHAR	1									3000003	
89=0		*IN96	3N	CHAR	1									3000004	
90=0		*IN97	4N	CHAR	1									3000005	
91=0		*IN98	5N	CHAR	1									3000006	
92=0		*IN99	6N	CHAR	1									3000007	
93=0		BIRTHDATE	16D	DATE	*ISO-	10								3000008	
94=0		GENDER	17A	CHAR	1									3000009	
95=0		CVDISEASE	18A	CHAR	1									3000010	
96=0		DIABETES	19A	CHAR	1									3000011	
97=0		RSPDISEASE	20A	CHAR	1									3000012	
98=0		HBPRESSURE	21A	CHAR	1									3000013	
99=0	RISKASSMNT														4000001
-----															4
	* RPG record format : RISKASSMNT														4
	* External format : RISKASSMNT : DW433F24/COVIDDSP														4
-----															4
100=0		AGE	3S	ZONE	3,0									4000002	
101=0		FRATE	8S	ZONE	5,3								Fatality rate (percentage)	4000003	
102=0		COHORT	17A	CHAR	9									4000004	
103=0		TOTALQ	20S	ZONE	3,0									4000005	
* * * * * E N D O F S O U R C E * * * * *															

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	
87	2	2	*IN60
88	1	1	*IN95
89	3	3	*IN96
90	4	4	*IN97
91	5	5	*IN98
92	6	6	*IN99
93	7	16	BIRTHDATE
94	17	17	GENDER
95	18	18	CVDISEASE
96	19	19	DIABETES
97	20	20	RSPDISEASE
98	21	21	HBPRESSURE
100	1	3	AGE
101	4	8	FRATE
102	9	17	COHORT
103	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 * * * * *

Cross Reference

File and Record References:

File	Device	References (D=Defined)			
Record					
COVIDDSP	WORKSTN	3D			
RISKFACTOR		3D	5	15	21
		27	33	39	45
		54	62	86	
RISKASSMNT		3D	12	55	99

Global Field References:

Field	Attributes	References (D=Defined M=Modified)			
*INLR	N(1)	67M			
*IN03	N(1)	13D	18	60	
*IN60	N(1)	53M	56M	87	
*IN95	N(1)	20M	22M	71M	88
*IN96	N(1)	26M	28M	89	
*IN97	N(1)	32M	34M	90	
*IN98	N(1)	38M	40M	91	
*IN99	N(1)	44M	46M	92	
AGE	P(3,0)	82M	100		
BIRTHDATE	D(10*ISO-)	6M	72M	93	
CLEAR	BEGSR	14	61	70D	
COHORT	A(9)	84M	102		
CVDISEASE	A(1)	8M	25	74M	95
DETERMINERISK	BEGSR	51	80D		
DIABETES	A(1)	9M	31	75M	96
FRATE	P(5,3)	83M	101		
GENDER	A(1)	7M	19	73M	94
HBPRESSURE	A(1)	11M	43	77M	98
RSPDISEASE	A(1)	10M	37	76M	97
TOTALQ	P(3,0)	52M	52	103	

Indicator References:

Indicator	References (D=Defined M=Modified)			
03	13M	18	60	
60	53M	56M	87	
95	20M	22M	71M	88
96	26M	28M	89	
97	32M	34M	90	
98	38M	40M	91	
99	44M	46M	92	
LR	67M			

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

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	.	.	.	.	.	.	.	:	103
Specifications	.	.	.	.	.	.	.	:	85
Data records	.	.	.	.	.	.	.	:	0
Comments	.	.	.	.	.	.	.	:	3

* * * * * 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 02/04/21 at 13:35:28.
* * * * * E N D O F C O M P I L A T I O N * * * * *