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OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM

MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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* Program Control Information *
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I. TITLES:

A. PROJECT TITLE: Monsanto Mortality Sureveillance
B. POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
C. EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
D. CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

II. END OF STUDY DATE: 12/31/1989

III. PARAMETER DEFINITIONS:

PARAMETER NAME	VALUE	DEFINITION
P1	16	NO. OF AGE GROUP SUBGROUPS + 1
P2	5	NO. OF TIME PERIOD SUBGROUPS + 2
P3	3	NO. OF INTERVAL FROM ONSET OF EXPOSURE SUBGROUPS + 1

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P4	3	NO. OF CUMULATIVE EXPOSURE SUBGROUPS + 1
P5	4	NO. OF RACE AND SEX COMBINATIONS
P6	8	NO. OF CAUSE OF DEATH CATEGORIES
P7	16	MAXIMUM OF "P1","P2","P3","P4","P5", AND RECODED AGE AND TIME INTERVALS
S1	8	MAXIMUM NO. OF SUBGROUPS IN ANY ONE CAUSE OF DEATH CATEGORY
S2	8	NO. OF SELECTION VARIABLES + 2
S3	1	MAXIMUM NO. OF JOBS IN WORK HISTORY

IV. ADJUSTMENT VARIABLES:

VARIABLE	NO. OF SUBGROUPS	SUBGROUPS
A. Age Group	15	(<20) (20-24) (25-29) (30-34) (35-39) (40-44) (45-49) (50-54) (55-59) (60-64) (65-69) (70-74) (75-79) (80-84) (85+)
B. Time Period	3	(79-79) (80-84) (85-89)
C. Interval from Onset of Exposure	2	(<20) (20+)
D. Cumulative Exposure	2	(<10) (10+)
E. Sex	2	(MALE) (FEMALE)
F. Race	2	(WHITE) (NONWHITE)

V. RECODED AGE AND TIME INTERVALS:

RECODED INTERVAL	AGE GROUP (SELECTED SUBGROUPS)	TIME PERIOD (SELECTED SUBGROUPS)
1	TOTAL (1 THROUGH 15)	TOTAL (1 THROUGH 3)

VI. DEATH RATE FILE INFORMATION:

INPUT DEVICE: DISK
LOGICAL UNIT NUMBER: 2
FILE NAME(S): US.WM US.WF US.NWM US.NWF
ICDA CODES: 4-DIGIT
UNKNOWN CAUSES OF DEATH CODED AS: 9999

VII. CAUSE OF DEATH SELECTION: (BASED ON 8 REVISION ICDA CODES)

8th Revision Codes (1968-1978)

CATEGORY	CAUSE OF DEATH	NO. OF SUBGROUPS	ICDA CODES

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1	All Causes of Death	1	(0. -999.)
3	All Malignant Neoplasms	1	(140. -209.)
8	Cancer of Large Intestine	1	(153. -153.)
15	Cancer of Bronchus, Trachea, Lung	1	(162. -162.)
17	Cancer of Breast	1	(174. -174.)
21	Cancer of Prostate (Males only)	1	(185. -185.)
39	All Heart Disease	7	(390. -398.)(400.1-400.1) (400.9-400.9)(402. -402.) (404. -404.)(410. -414.) (420. -429.)
56	All External Causes of Death	1	(800. -999.)

VIII. DEATH RATE SELECTION VARIABLES:

VARIABLE	NO. OF SUBGROUPS	SUBGROUP
A. AGE GROUP	15	(15-19) (20-24) (25-29) (30-34) (35-39) (40-44) (45-49) (50-54) (55-59) (60-64) (65-69) (70-74) (75-79) (80-84) (85+)
B. TIME PERIOD	3	(75-79) (80-84) (85-87)
C. RACE AND SEX	4	(WHITE MALE)(WHITE FEMALE)(NONWHITE MALE)(NONWHITE FEMALE)

IX. CORRESPONDENCE BETWEEN PERSON YEARS AND DEATH RATES:

A. Age Group

PERSON YEARS	DEATH RATES
(<20)	(15-19)
(20-24)	(20-24)
(25-29)	(25-29)
(30-34)	(30-34)
(35-39)	(35-39)
(40-44)	(40-44)
(45-49)	(45-49)
(50-54)	(50-54)
(55-59)	(55-59)
(60-64)	(60-64)
(65-69)	(65-69)
(70-74)	(70-74)
(75-79)	(75-79)

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(80-84)	(80-84)
(85+)	(85+)

B. Time Period

PERSON YEARS	DEATH RATES
(79-79)	(75-79)
(80-84)	(80-84)
(85-89)	(85-87)

C. RACE AND SEX COMBINATIONS

PERSON YEARS		DEATH RATES
(WHITE)	(MALE)	(WHITE MALE)
(WHITE)	(FEMALE)	(WHITE FEMALE)
(NONWHITE)	(MALE)	(NONWHITE MALE)
(NONWHITE)	(FEMALE)	(NONWHITE FEMALE)

X. TABLE TYPES TO BE PRINTED FOR THE FOLLOWING CAUSES:

TABLE TYPE	CAUSE OF DEATH CATEGORY
3	(1)
5	(1)
6	(1)

XI. INPUT COHORT DATA INFORMATION:

A. INPUT COHORT FILE INFORMATION:

INPUT DEVICE: DISK
LOGICAL UNIT NUMBER: 1
FILE NAME: 0009.DAT

B. INPUT FORMAT FOR DESCRIPTIVE VARIABLES, RECORD TYPE 1: (7A5,2I1,I3,A1,4(2I2,I4),I3,2I1)

VARIABLE NO.	FORMAT	DATA DESCRIPTION
1-7	7A5	CASE IDENTIFICATION
8	I1	SEX

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9	I1	RACE
10-11	I3,A1	CAUSE OF DEATH ICDA CODES
12-14	2I2,I4	BIRTH DATE (MONTH,DAY,YEAR)
15-17	2I2,I4	HIRE DATE (MONTH,DAY,YEAR)
18-20	2I2,I4	STARTING DATE FOR PERSON DAYS (MONTH,DAY,YEAR)
21-23	2I2,I4	STOPPING DATE FOR PERSON DAYS (MONTH,DAY,YEAR)
24	I3	NUMBER OF JOBS IN WORK HISTORY
25	I1	PRINT FLAG FOR DETAILED LISTING
26	I1	VITAL STATUS

C. INPUT FORMAT FOR SELECTION VARIABLES, RECORD TYPE 2: (F4.0,F4.0,F2.0,F1.0,F1.0,F2.0)

VARIABLE NO.	VARIABLE LABEL	NO. OF SUBGROUPS	RANGE OF VALUES SELECTED			
1	Year of Birth	1	>=	1896.000	AND <	1971.000
2	Year of Hire	1	>=	1926.000	AND <	1990.000
3	Age	1	>=	16.00000	AND <	66.00000
4	Vital Status	1	>=	1.000000	AND <	9.000000
5	Pay Type (1=Hourly,2=Salary,3=Contract,4=Unknown)	1	>=	2.000000	AND <	3.000000
6	Years of Service	1	>=	.0000000	AND <	64.00000

D. INPUT FORMAT FOR WORK HISTORY DATA, RECORD TYPE 3: (6I2,I3,50G15.0)

VARIABLE NO.	FORMAT	DATA DESCRIPTION
1-3	3I2	JOB STARTING DATE (MONTH,DAY,YEAR)
4-6	3I2	JOB FINISH DATE (MONTH,DAY,YEAR)
7	I3	JOB TYPE
8-67	50G15.0	JOB EXPOSURE INDICES

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E. JOB TYPES SELECTED

All Job Types

RANGE OF JOB TYPES SELECTED

(0-999)

F. JOB EXPOSURE INDEX SELECTED

Units: Exposure 1 - Years

EXPOSURE TYPE	DAYS PER UNIT
1	365.2500

XII. READ, EDIT, AND WRITE SUMMARY:

376 CASES READ FROM INPUT FILE
232 CASES EXCLUDED PRIOR TO ANALYSIS

232 CASES REJECTED DUE TO VARIABLE SELECTION AND/OR JOB TYPE SELECTION
0 CASES REJECTED DUE TO ERROR DETECTION

144 CASES CHOSEN FOR ANALYSIS (3 DEATHS)

0 CASES SELECTED FOR DETAILED LISTING
144 CASES NOT SELECTED FOR DETAILED LISTING

XIII. DISTRIBUTION OF CASES CHOSEN FOR ANALYSIS BY WORKING AND VITAL STATUS AS OF 12/31/1989:

WORKING AND VITAL STATUS	NUMBER	PERCENT	DEATH CERTIFICATE OBTAINED	DEATH CERTIFICATE OUTSTANDING
Currently Employed	37	25.7		
Terminated	74	51.4		
Alive	74	(100.0)		
Dead	0	(.0)	0	0
Unknown Status	0	(.0)		
Retired	32	22.2		
Alive	30	(93.8)		
Dead	2	(6.3)	2	0
Unknown Status	0	(.0)		
Died While Employed	1	.7	1	0
Total	144	100.0	3	0

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: WHITE
SEX: MALE

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****
TABLE TYPE 1: AGE DISTRIBUTIONS
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AGE GROUP	AGE AT HIRE		AGE AT FIRST EXPOSURE		AGE AT ENTRY INTO FOLLOW-UP		AGE AT DEATH	
	No.	%	No.	%	No.	%	No.	%
<20	6	5.7	6	5.7	1	.9	0	.0
20-24	36	34.0	36	34.0	14	13.2	0	.0
25-29	32	30.2	32	30.2	20	18.9	0	.0
30-34	13	12.3	13	12.3	18	17.0	0	.0
35-39	13	12.3	13	12.3	22	20.8	0	.0
40-44	4	3.8	4	3.8	8	7.5	0	.0
45-49	1	.9	1	.9	13	12.3	1	50.0
50-54	1	.9	1	.9	2	1.9	0	.0
55-59	0	.0	0	.0	4	3.8	0	.0
60-64	0	.0	0	.0	4	3.8	1	50.0
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	0	.0
75-79	0	.0	0	.0	0	.0	0	.0
80-84	0	.0	0	.0	0	.0	0	.0
85+	0	.0	0	.0	0	.0	0	.0
TOTAL	106	100.0	106	100.0	106	100.0	2	100.0
AVERAGE AGE	28.0		28.0		36.1		55.9	

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POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: WHITE
SEX: FEMALE

****
TABLE TYPE 1: AGE DISTRIBUTIONS
****

AGE GROUP	AGE AT HIRE		AGE AT FIRST EXPOSURE		AGE AT ENTRY INTO FOLLOW-UP		AGE AT DEATH	
	No.	%	No.	%	No.	%	No.	%
<20	1	3.7	1	3.7	0	.0	0	.0
20-24	8	29.6	8	29.6	7	25.9	0	.0
25-29	9	33.3	9	33.3	6	22.2	0	.0
30-34	2	7.4	2	7.4	0	.0	0	.0
35-39	4	14.8	4	14.8	2	7.4	0	.0
40-44	2	7.4	2	7.4	3	11.1	0	.0

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45-49	1	3.7	1	3.7	2	7.4	0	.0
50-54	0	.0	0	.0	2	7.4	0	.0
55-59	0	.0	0	.0	3	11.1	0	.0
60-64	0	.0	0	.0	2	7.4	0	.0
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	1	100.0
75-79	0	.0	0	.0	0	.0	0	.0
80-84	0	.0	0	.0	0	.0	0	.0
85+	0	.0	0	.0	0	.0	0	.0
TOTAL	27	100.0	27	100.0	27	100.0	1	100.0
AVERAGE AGE	29.3		29.3		38.1		73.5	

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POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: WHITE
SEX: TOTAL

****
TABLE TYPE 1: AGE DISTRIBUTIONS
****

AGE GROUP	AGE AT HIRE		AGE AT FIRST EXPOSURE		AGE AT ENTRY INTO FOLLOW-UP		AGE AT DEATH	
	No.	%	No.	%	No.	%	No.	%
<20	7	5.3	7	5.3	1	.8	0	.0
20-24	44	33.1	44	33.1	21	15.8	0	.0
25-29	41	30.8	41	30.8	26	19.5	0	.0
30-34	15	11.3	15	11.3	18	13.5	0	.0
35-39	17	12.8	17	12.8	24	18.0	0	.0
40-44	6	4.5	6	4.5	11	8.3	0	.0
45-49	2	1.5	2	1.5	15	11.3	1	33.3
50-54	1	.8	1	.8	4	3.0	0	.0
55-59	0	.0	0	.0	7	5.3	0	.0
60-64	0	.0	0	.0	6	4.5	1	33.3
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	1	33.3
75-79	0	.0	0	.0	0	.0	0	.0
80-84	0	.0	0	.0	0	.0	0	.0
85+	0	.0	0	.0	0	.0	0	.0
TOTAL	133	100.0	133	100.0	133	100.0	3	100.0
AVERAGE AGE	28.2		28.2		36.5		61.7	

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: NONWHITE
SEX: MALE

****
TABLE TYPE 1: AGE DISTRIBUTIONS
****

AGE GROUP	AGE AT HIRE		AGE AT FIRST EXPOSURE		AGE AT ENTRY INTO FOLLOW-UP		AGE AT DEATH	
	No.	%	No.	%	No.	%	No.	%
<20	0	.0	0	.0	0	.0	0	.0
20-24	3	60.0	3	60.0	2	40.0	0	.0
25-29	2	40.0	2	40.0	1	20.0	0	.0
30-34	0	.0	0	.0	0	.0	0	.0
35-39	0	.0	0	.0	1	20.0	0	.0
40-44	0	.0	0	.0	0	.0	0	.0
45-49	0	.0	0	.0	0	.0	0	.0
50-54	0	.0	0	.0	0	.0	0	.0
55-59	0	.0	0	.0	1	20.0	0	.0
60-64	0	.0	0	.0	0	.0	0	.0
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	0	.0
75-79	0	.0	0	.0	0	.0	0	.0
80-84	0	.0	0	.0	0	.0	0	.0
85+	0	.0	0	.0	0	.0	0	.0
TOTAL	5	100.0	5	100.0	5	100.0	0	.0
AVERAGE AGE	23.5		23.5		32.8		---	

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: NONWHITE
SEX: FEMALE

****
TABLE TYPE 1: AGE DISTRIBUTIONS
****

AGE GROUP	AGE AT HIRE		AGE AT FIRST EXPOSURE		AGE AT ENTRY INTO FOLLOW-UP		AGE AT DEATH	
	No.	%	No.	%	No.	%	No.	%

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<20	1	16.7	1	16.7	1	16.7	0	.0
20-24	2	33.3	2	33.3	1	16.7	0	.0
25-29	0	.0	0	.0	1	16.7	0	.0
30-34	3	50.0	3	50.0	2	33.3	0	.0
35-39	0	.0	0	.0	1	16.7	0	.0
40-44	0	.0	0	.0	0	.0	0	.0
45-49	0	.0	0	.0	0	.0	0	.0
50-54	0	.0	0	.0	0	.0	0	.0
55-59	0	.0	0	.0	0	.0	0	.0
60-64	0	.0	0	.0	0	.0	0	.0
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	0	.0
75-79	0	.0	0	.0	0	.0	0	.0
80-84	0	.0	0	.0	0	.0	0	.0
85+	0	.0	0	.0	0	.0	0	.0
TOTAL	6	100.0	6	100.0	6	100.0	0	.0
AVERAGE AGE	27.5		27.5		28.6		---	

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POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: NONWHITE
SEX: TOTAL

****
TABLE TYPE 1: AGE DISTRIBUTIONS
****

AGE GROUP	AGE AT HIRE		AGE AT FIRST EXPOSURE		AGE AT ENTRY INTO FOLLOW-UP		AGE AT DEATH	
	No.	%	No.	%	No.	%	No.	%
<20	1	9.1	1	9.1	1	9.1	0	.0
20-24	5	45.5	5	45.5	3	27.3	0	.0
25-29	2	18.2	2	18.2	2	18.2	0	.0
30-34	3	27.3	3	27.3	2	18.2	0	.0
35-39	0	.0	0	.0	2	18.2	0	.0
40-44	0	.0	0	.0	0	.0	0	.0
45-49	0	.0	0	.0	0	.0	0	.0
50-54	0	.0	0	.0	0	.0	0	.0
55-59	0	.0	0	.0	1	9.1	0	.0
60-64	0	.0	0	.0	0	.0	0	.0
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	0	.0
75-79	0	.0	0	.0	0	.0	0	.0
80-84	0	.0	0	.0	0	.0	0	.0
85+	0	.0	0	.0	0	.0	0	.0

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TOTAL	11	100.0	11	100.0	11	100.0	0	.0
AVERAGE AGE	25.7		25.7		30.5		---	

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POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: TOTAL
SEX: MALE

****
TABLE TYPE 1: AGE DISTRIBUTIONS
****

AGE GROUP	AGE AT HIRE		AGE AT FIRST EXPOSURE		AGE AT ENTRY INTO FOLLOW-UP		AGE AT DEATH	
	No.	%	No.	%	No.	%	No.	%
<20	6	5.4	6	5.4	1	.9	0	.0
20-24	39	35.1	39	35.1	16	14.4	0	.0
25-29	34	30.6	34	30.6	21	18.9	0	.0
30-34	13	11.7	13	11.7	18	16.2	0	.0
35-39	13	11.7	13	11.7	23	20.7	0	.0
40-44	4	3.6	4	3.6	8	7.2	0	.0
45-49	1	.9	1	.9	13	11.7	1	50.0
50-54	1	.9	1	.9	2	1.8	0	.0
55-59	0	.0	0	.0	5	4.5	0	.0
60-64	0	.0	0	.0	4	3.6	1	50.0
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	0	.0
75-79	0	.0	0	.0	0	.0	0	.0
80-84	0	.0	0	.0	0	.0	0	.0
85+	0	.0	0	.0	0	.0	0	.0
TOTAL	111	100.0	111	100.0	111	100.0	2	100.0
AVERAGE AGE	27.8		27.8		35.9		55.9	

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POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: TOTAL
SEX: FEMALE

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TABLE TYPE 1: AGE DISTRIBUTIONS

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AGE GROUP	AGE AT HIRE		AGE AT FIRST EXPOSURE		AGE AT ENTRY INTO FOLLOW-UP		AGE AT DEATH	
	No.	%	No.	%	No.	%	No.	%
<20	2	6.1	2	6.1	1	3.0	0	.0
20-24	10	30.3	10	30.3	8	24.2	0	.0
25-29	9	27.3	9	27.3	7	21.2	0	.0
30-34	5	15.2	5	15.2	2	6.1	0	.0
35-39	4	12.1	4	12.1	3	9.1	0	.0
40-44	2	6.1	2	6.1	3	9.1	0	.0
45-49	1	3.0	1	3.0	2	6.1	0	.0
50-54	0	.0	0	.0	2	6.1	0	.0
55-59	0	.0	0	.0	3	9.1	0	.0
60-64	0	.0	0	.0	2	6.1	0	.0
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	1	100.0
75-79	0	.0	0	.0	0	.0	0	.0
80-84	0	.0	0	.0	0	.0	0	.0
85+	0	.0	0	.0	0	.0	0	.0
TOTAL	33	100.0	33	100.0	33	100.0	1	100.0
AVERAGE AGE	29.0		29.0		36.4		73.5	

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MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: TOTAL
SEX: TOTAL

****
TABLE TYPE 1: AGE DISTRIBUTIONS
****

AGE GROUP	AGE AT HIRE		AGE AT FIRST EXPOSURE		AGE AT ENTRY INTO FOLLOW-UP		AGE AT DEATH	
	No.	%	No.	%	No.	%	No.	%
<20	8	5.6	8	5.6	2	1.4	0	.0
20-24	49	34.0	49	34.0	24	16.7	0	.0
25-29	43	29.9	43	29.9	28	19.4	0	.0
30-34	18	12.5	18	12.5	20	13.9	0	.0
35-39	17	11.8	17	11.8	26	18.1	0	.0
40-44	6	4.2	6	4.2	11	7.6	0	.0
45-49	2	1.4	2	1.4	15	10.4	1	33.3
50-54	1	.7	1	.7	4	2.8	0	.0

DSW 147368

STLCOPCB4039215

55-59	0	.0	0	.0	8	5.6	0	.0
60-64	0	.0	0	.0	6	4.2	1	33.3
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	1	33.3
75-79	0	.0	0	.0	0	.0	0	.0
80-84	0	.0	0	.0	0	.0	0	.0
85+	0	.0	0	.0	0	.0	0	.0
TOTAL	144	100.0	144	100.0	144	100.0	3	100.0

AVERAGE AGE	28.0	28.0	36.0	61.7

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: WHITE
SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK
****

AGE GROUP		TIME-PERIOD 79-79	80-84	85-89	TOTAL
<20	PERSON YEARS	.0	.0	.9	.9
	AT RISK	0	0	1	1
20-24	PERSON YEARS	2.3	17.0	19.3	38.6
	AT RISK	4	11	6	15
25-29	PERSON YEARS	10.6	60.1	41.8	112.6
	AT RISK	12	25	18	34
30-34	PERSON YEARS	9.6	58.2	78.7	146.5
	AT RISK	12	28	32	44
35-39	PERSON YEARS	16.5	90.4	74.6	181.5
	AT RISK	20	31	34	56
40-44	PERSON YEARS	6.9	61.2	99.9	168.0
	AT RISK	9	27	33	42
45-49	PERSON YEARS	13.0	41.7	61.2	115.8
	AT RISK	15	19	27	42
50-54	PERSON YEARS	1.0	49.1	39.6	89.7
	AT RISK	4	15	19	23
55-59	PERSON YEARS	4.9	12.2	50.6	67.7

DSW 147369

STLCOPCB4039216

	AT RISK	5	8	15	20
60-64	PERSON YEARS	3.5	21.0	11.1	35.6
	AT RISK	4	8	7	12
65-69	PERSON YEARS	.5	10.2	19.2	29.9
	AT RISK	1	4	7	8
70-74	PERSON YEARS	.0	.5	10.2	10.6
	AT RISK	0	1	4	4
75-79	PERSON YEARS	.0	.0	.5	.5
	AT RISK	0	0	1	1
80-84	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
85+	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
TOTAL	PERSON YEARS	68.8	421.4	507.5	997.7
	AT RISK	72	95	104	106

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: WHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK
****

		TIME-PERIOD			
AGE GROUP		79-79	80-84	85-89	TOTAL
<20	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
20-24	PERSON YEARS	1.0	10.3	1.0	12.2
	AT RISK	1	6	1	7
25-29	PERSON YEARS	.0	19.2	27.2	46.5
	AT RISK	0	11	11	13
30-34	PERSON YEARS	.0	4.4	28.5	32.9
	AT RISK	0	2	12	12
35-39	PERSON YEARS	.0	4.7	7.4	12.0
	AT RISK	0	2	4	4

DSW 147370

STLCOPCB4039217

40-44	PERSON YEARS	1.9	2.2	11.2	15.4
	AT RISK	2	2	3	5
45-49	PERSON YEARS	2.1	14.5	2.6	19.2
	AT RISK	3	4	2	5
50-54	PERSON YEARS	2.0	5.0	14.5	21.5
	AT RISK	2	5	4	6
55-59	PERSON YEARS	2.6	10.2	5.0	17.8
	AT RISK	3	4	5	8
60-64	PERSON YEARS	2.4	13.8	10.2	26.5
	AT RISK	3	5	4	7
65-69	PERSON YEARS	.0	9.7	13.8	23.5
	AT RISK	0	3	5	5
70-74	PERSON YEARS	.0	.0	8.5	8.5
	AT RISK	0	0	3	3
75-79	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
80-84	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
85+	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
TOTAL	PERSON YEARS	12.0	94.0	129.9	235.9
	AT RISK	12	25	27	27

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: WHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK
****

		TIME-PERIOD			
AGE GROUP		79-79	80-84	85-89	TOTAL
<20	PERSON YEARS	.0	.0	.9	.9
	AT RISK	0	0	1	1
20-24	PERSON YEARS	3.3	27.3	20.2	50.8
	AT RISK	5	17	7	22

DSW 147371

STLCOPCB4039218

25-29	PERSON YEARS	10.6	79.3	69.0	159.0
	AT RISK	12	36	29	47
30-34	PERSON YEARS	9.6	62.6	107.2	179.3
	AT RISK	12	30	44	56
35-39	PERSON YEARS	16.5	95.0	82.0	193.5
	AT RISK	20	33	38	60
40-44	PERSON YEARS	8.9	63.4	111.1	183.4
	AT RISK	11	29	36	47
45-49	PERSON YEARS	15.1	56.2	63.8	135.0
	AT RISK	18	23	29	47
50-54	PERSON YEARS	3.0	54.1	54.1	111.2
	AT RISK	6	20	23	29
55-59	PERSON YEARS	7.5	22.4	55.6	85.5
	AT RISK	8	12	20	28
60-64	PERSON YEARS	6.0	34.8	21.3	62.0
	AT RISK	7	13	11	19
65-69	PERSON YEARS	.5	19.9	33.1	53.4
	AT RISK	1	7	12	13
70-74	PERSON YEARS	.0	.5	18.7	19.1
	AT RISK	0	1	7	7
75-79	PERSON YEARS	.0	.0	.5	.5
	AT RISK	0	0	1	1
80-84	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
85+	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
TOTAL	PERSON YEARS	80.8	515.4	637.4	1233.6
	AT RISK	84	120	131	133

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP

RACE: NONWHITE
SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK
****

DSW 147372

STLCOPCB4039219

AGE GROUP		TIME-PERIOD 79-79	80-84	85-89	TOTAL
<20	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
20-24	PERSON YEARS	.0	.0	6.6	6.6
	AT RISK	0	0	2	2
25-29	PERSON YEARS	.0	3.5	1.2	4.7
	AT RISK	0	1	1	2
30-34	PERSON YEARS	.0	.0	5.0	5.0
	AT RISK	0	1	1	1
35-39	PERSON YEARS	1.0	1.5	.0	2.5
	AT RISK	1	1	1	2
40-44	PERSON YEARS	.0	3.5	1.5	5.0
	AT RISK	0	1	1	1
45-49	PERSON YEARS	.0	.0	3.5	3.5
	AT RISK	0	0	1	1
50-54	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
55-59	PERSON YEARS	1.0	1.8	.0	2.8
	AT RISK	1	1	0	1
60-64	PERSON YEARS	.0	3.3	1.8	5.0
	AT RISK	0	1	1	1
65-69	PERSON YEARS	.0	.0	3.3	3.3
	AT RISK	0	0	1	1
70-74	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
75-79	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
80-84	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
85+	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
TOTAL	PERSON YEARS	2.0	13.6	22.8	38.4
	AT RISK	2	3	5	5

DSW 147373

STLCOPCB4039220

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: NONWHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK
****

AGE GROUP		TIME-PERIOD 79-79	80-84	85-89	TOTAL
<20	PERSON YEARS	.0	.0	1.6	1.6
	AT RISK	0	0	1	1
20-24	PERSON YEARS	.0	.2	.0	.2
	AT RISK	0	1	0	1
25-29	PERSON YEARS	1.0	6.8	1.6	9.4
	AT RISK	1	2	1	2
30-34	PERSON YEARS	2.0	3.7	6.8	12.5
	AT RISK	2	3	2	4
35-39	PERSON YEARS	1.0	9.5	3.7	14.2
	AT RISK	1	3	3	4
40-44	PERSON YEARS	.0	3.4	9.5	12.9
	AT RISK	0	1	3	3
45-49	PERSON YEARS	.0	.0	3.4	3.4
	AT RISK	0	0	1	1
50-54	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
55-59	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
60-64	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
65-69	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
70-74	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
75-79	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0

DSW 147374

STLCOPCB4039221

80-84	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
85+	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
TOTAL	PERSON YEARS	4.0	23.7	26.6	54.2
	AT RISK	4	5	6	6

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: NONWHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK
****

		TIME-PERIOD			
AGE GROUP		79-79	80-84	85-89	TOTAL
<20	PERSON YEARS	.0	.0	1.6	1.6
	AT RISK	0	0	1	1
20-24	PERSON YEARS	.0	.2	6.6	6.9
	AT RISK	0	1	2	3
25-29	PERSON YEARS	1.0	10.3	2.8	14.1
	AT RISK	1	3	2	4
30-34	PERSON YEARS	2.0	3.7	11.8	17.5
	AT RISK	2	4	3	5
35-39	PERSON YEARS	2.0	11.0	3.7	16.7
	AT RISK	2	4	4	6
40-44	PERSON YEARS	.0	7.0	11.0	18.0
	AT RISK	0	2	4	4
45-49	PERSON YEARS	.0	.0	7.0	7.0
	AT RISK	0	0	2	2
50-54	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
55-59	PERSON YEARS	1.0	1.8	.0	2.8
	AT RISK	1	1	0	1
60-64	PERSON YEARS	.0	3.3	1.8	5.0
	AT RISK	0	1	1	1

DSW 147375

STLCOPCB4039222

65-69	PERSON YEARS	.0	.0	3.3	3.3
	AT RISK	0	0	1	1
70-74	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
75-79	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
80-84	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
85+	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
TOTAL	PERSON YEARS	6.0	37.2	49.4	92.6
	AT RISK	6	8	11	11

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: TOTAL
SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK
****

		TIME-PERIOD			
AGE GROUP		79-79	80-84	85-89	TOTAL
<20	PERSON YEARS	.0	.0	.9	.9
	AT RISK	0	0	1	1
20-24	PERSON YEARS	2.3	17.0	25.9	45.2
	AT RISK	4	11	8	17
25-29	PERSON YEARS	10.6	63.6	43.0	117.3
	AT RISK	12	26	19	36
30-34	PERSON YEARS	9.6	58.2	83.7	151.5
	AT RISK	12	29	33	45
35-39	PERSON YEARS	17.5	91.9	74.6	184.0
	AT RISK	21	32	35	58
40-44	PERSON YEARS	6.9	64.7	101.3	173.0
	AT RISK	9	28	34	43
45-49	PERSON YEARS	13.0	41.7	64.7	119.4
	AT RISK	15	19	28	43

DSW 147376

STLCOPCB4039223

50-54	PERSON YEARS	1.0	49.1	39.6	89.7
	AT RISK	4	15	19	23
55-59	PERSON YEARS	5.9	13.9	50.6	70.4
	AT RISK	6	9	15	21
60-64	PERSON YEARS	3.5	24.2	12.8	40.6
	AT RISK	4	9	8	13
65-69	PERSON YEARS	.5	10.2	22.5	33.1
	AT RISK	1	4	8	9
70-74	PERSON YEARS	.0	.5	10.2	10.6
	AT RISK	0	1	4	4
75-79	PERSON YEARS	.0	.0	.5	.5
	AT RISK	0	0	1	1
80-84	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
85+	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
TOTAL	PERSON YEARS	70.8	435.0	530.3	1036.1
	AT RISK	74	98	109	111

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: TOTAL
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK
****

		TIME-PERIOD			
AGE GROUP		79-79	80-84	85-89	TOTAL
<20	PERSON YEARS	.0	.0	1.6	1.6
	AT RISK	0	0	1	1
20-24	PERSON YEARS	1.0	10.5	1.0	12.5
	AT RISK	1	7	1	8
25-29	PERSON YEARS	1.0	26.0	28.8	55.9
	AT RISK	1	13	12	15
30-34	PERSON YEARS	2.0	8.1	35.3	45.3
	AT RISK	2	5	14	16

DSW 147377

STLCOPCB4039224

35-39	PERSON YEARS	1.0	14.2	11.1	26.2
	AT RISK	1	5	7	8
40-44	PERSON YEARS	1.9	5.6	20.7	28.3
	AT RISK	2	3	6	8
45-49	PERSON YEARS	2.1	14.5	6.0	22.6
	AT RISK	3	4	3	6
50-54	PERSON YEARS	2.0	5.0	14.5	21.5
	AT RISK	2	5	4	6
55-59	PERSON YEARS	2.6	10.2	5.0	17.8
	AT RISK	3	4	5	8
60-64	PERSON YEARS	2.4	13.8	10.2	26.5
	AT RISK	3	5	4	7
65-69	PERSON YEARS	.0	9.7	13.8	23.5
	AT RISK	0	3	5	5
70-74	PERSON YEARS	.0	.0	8.5	8.5
	AT RISK	0	0	3	3
75-79	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
80-84	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
85+	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
TOTAL	PERSON YEARS	16.0	117.7	156.5	290.2
	AT RISK	16	30	33	33

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: TOTAL
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK
****

		TIME-PERIOD			
AGE GROUP		79-79	80-84	85-89	TOTAL
<20	PERSON YEARS	.0	.0	2.4	2.4
	AT RISK	0	0	2	2

DSW 147378

STLCOPCB4039225

20-24	PERSON YEARS	3.3	27.5	26.9	57.7
	AT RISK	5	18	9	25
25-29	PERSON YEARS	11.6	89.7	71.9	173.2
	AT RISK	13	39	31	51
30-34	PERSON YEARS	11.6	66.3	119.0	196.8
	AT RISK	14	34	47	61
35-39	PERSON YEARS	18.5	106.0	85.7	210.2
	AT RISK	22	37	42	66
40-44	PERSON YEARS	8.9	70.4	122.1	201.3
	AT RISK	11	31	40	51
45-49	PERSON YEARS	15.1	56.2	70.7	141.9
	AT RISK	18	23	31	49
50-54	PERSON YEARS	3.0	54.1	54.1	111.2
	AT RISK	6	20	23	29
55-59	PERSON YEARS	8.5	24.1	55.6	88.2
	AT RISK	9	13	20	29
60-64	PERSON YEARS	6.0	38.1	23.0	67.0
	AT RISK	7	14	12	20
65-69	PERSON YEARS	.5	19.9	36.3	56.6
	AT RISK	1	7	13	14
70-74	PERSON YEARS	.0	.5	18.7	19.1
	AT RISK	0	1	7	7
75-79	PERSON YEARS	.0	.0	.5	.5
	AT RISK	0	0	1	1
80-84	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
85+	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
TOTAL	PERSON YEARS	86.8	552.7	686.8	1326.3
	AT RISK	90	128	142	144

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987

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POPULATION SUBGROUP

RACE: WHITE
SEX: MALE

DSW 147379

STLCOPCB4039226

CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****

TABLE TYPE 3: CAUSE SPECIFIC OBSERVED AND EXPECTED NUMBERS OF DEATHS SHOWING SMR's AND DEATH RATES

****

CAUSE OF DEATH: All Causes of Death

AGE GROUP		TIME-PERIOD 79-79	80-84	85-89	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	RATE (STD)/100000	142.27	126.57	119.07	
20-24	OBS	0	0	0	0
	EXP	.00	.03	.03	.06
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	185.33	169.65	157.32	
25-29	OBS	0	0	0	0
	EXP	.02	.10	.06	.18
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	163.54	159.28	154.51	
30-34	OBS	0	0	0	0
	EXP	.02	.09	.14	.25
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	162.79	161.85	173.84	
35-39	OBS	0	0	0	0
	EXP	.04	.18	.16	.37
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	217.08	196.83	209.62	
40-44	OBS	0	0	0	0
	EXP	.02	.18	.29	.50
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	339.59	297.41	293.84	
45-49	OBS	0	1	0	1
	EXP	.07	.20	.28	.56
	SMR	---	489.1	---	179.1
	RATE (COHORT)/100000	.00	2399.89	.00	863.33
	RATE (STD)/100000	569.65	490.70	457.63	

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50-54	OBS	0	0	0	0
	EXP	.01	.40	.30	.71
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	927.36	822.85	754.62	
55-59	OBS	0	0	0	0
	EXP	.07	.16	.62	.85
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	1454.85	1325.67	1225.85	
60-64	OBS	0	1	0	1
	EXP	.08	.43	.21	.72
	SMR	---	233.8	---	138.8
	RATE (COHORT)/100000	.00	4768.75	.00	2809.85
	RATE (STD)/100000	2307.15	2039.82	1905.97	
65-69	OBS	0	0	0	0
	EXP	.02	.32	.58	.92
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	3475.81	3180.47	2998.60	
70-74	OBS	0	0	0	0
	EXP	.00	.02	.47	.49
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	5139.15	4849.92	4610.82	
75-79	OBS	0	0	0	0
	EXP	.00	.00	.03	.03
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	RATE (STD)/100000	7653.05	7282.32	7112.07	
80-84	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	11365.47	11011.87	11005.21	
85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	18767.58	18529.74	18763.01	
TOTAL	OBS	0	2	0	2
	EXP	.35	2.12	3.17	5.64
	SMR	---	94.2	---	35.4
	RATE (COHORT)/100000	.00	474.60	.00	200.46

DSW 147381

STLCOPCB4039228

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987

POPULATION SUBGROUP
RACE: WHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 3: CAUSE SPECIFIC OBSERVED AND EXPECTED NUMBERS OF DEATHS SHOWING SMR's AND DEATH RATES
****

CAUSE OF DEATH: All Causes of Death

AGE GROUP		TIME-PERIOD 79-79	80-84	85-89	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	53.13	48.77	48.75	
20-24	OBS	0	0	0	0
	EXP	.00	.01	.00	.01
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	58.05	53.49	49.44	
25-29	OBS	0	0	0	0
	EXP	.00	.01	.01	.03
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	60.59	55.99	54.13	
30-34	OBS	0	0	0	0
	EXP	.00	.00	.02	.02
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	76.83	68.71	67.05	
35-39	OBS	0	0	0	0
	EXP	.00	.00	.01	.01
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	115.74	100.05	94.72	
40-44	OBS	0	0	0	0
	EXP	.00	.00	.02	.02
	SMR	---	---	---	---

DSW 147382

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	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	192.37	163.45	153.26	
45-49	OBS	0	0	0	0
	EXP	.01	.04	.01	.05
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	309.32	271.86	255.33	
50-54	OBS	0	0	0	0
	EXP	.01	.02	.06	.09
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	479.28	440.40	419.88	
55-59	OBS	0	0	0	0
	EXP	.02	.07	.03	.12
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	724.55	686.33	657.66	
60-64	OBS	0	0	0	0
	EXP	.03	.15	.11	.28
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	1104.44	1061.09	1034.84	
65-69	OBS	0	0	0	0
	EXP	.00	.16	.22	.38
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	1647.40	1624.91	1606.99	
70-74	OBS	0	0	1	1
	EXP	.00	.00	.21	.21
	SMR	---	---	467.5	467.5
	RATE (COHORT)/100000	---	---	11747.67	11747.67
	RATE (STD)/100000	2592.22	2542.03	2512.97	
75-79	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	4317.70	4058.41	4015.65	
80-84	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	7279.11	6973.74	6836.23	
85+	OBS	0	0	0	0

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	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	14609.09	14415.65	14673.01	
TOTAL	OBS	0	0	1	1
	EXP	.07	.46	.70	1.23
	SMR	---	---	142.7	81.3
	RATE (COHORT)/100000	.00	.00	769.68	423.85

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987

POPULATION SUBGROUP
RACE: WHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 3: CAUSE SPECIFIC OBSERVED AND EXPECTED NUMBERS OF DEATHS SHOWING SMR's AND DEATH RATES
****

CAUSE OF DEATH: All Causes of Death

AGE GROUP		TIME-PERIOD 79-79	80-84	85-89	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
20-24	OBS	0	0	0	0
	EXP	.00	.03	.03	.07
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
25-29	OBS	0	0	0	0
	EXP	.02	.11	.08	.20
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.02	.10	.16	.27
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	0	0
	EXP	.04	.18	.16	.38
	SMR	---	---	---	---

DSW 147384

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	RATE (COHORT)/100000	.00	.00	.00	.00
40-44	OBS	0	0	0	0
	EXP	.03	.19	.31	.52
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
45-49	OBS	0	1	0	1
	EXP	.08	.24	.29	.61
	SMR	---	410.1	---	163.7
	RATE (COHORT)/100000	.00	1780.84	.00	740.85
50-54	OBS	0	0	0	0
	EXP	.02	.43	.36	.80
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
55-59	OBS	0	0	0	0
	EXP	.09	.23	.65	.97
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
60-64	OBS	0	1	0	1
	EXP	.11	.57	.32	1.00
	SMR	---	174.0	---	100.0
	RATE (COHORT)/100000	.00	2872.21	.00	1611.76
65-69	OBS	0	0	0	0
	EXP	.02	.48	.80	1.30
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
70-74	OBS	0	0	1	1
	EXP	.00	.02	.68	.71
	SMR	---	---	146.5	141.8
	RATE (COHORT)/100000	---	.00	5355.05	5223.99
75-79	OBS	0	0	0	0
	EXP	.00	.00	.03	.03
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
80-84	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---

DSW 147385

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TOTAL	OBS	0	2	1	3
	EXP	.41	2.59	3.87	6.87
	SMR	---	77.3	25.8	43.7
	RATE (COHORT)/100000	.00	388.03	156.89	243.19

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987

POPULATION SUBGROUP
RACE: NONWHITE
SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 3: CAUSE SPECIFIC OBSERVED AND EXPECTED NUMBERS OF DEATHS SHOWING SMR's AND DEATH RATES
****

CAUSE OF DEATH: All Causes of Death

AGE GROUP		TIME-PERIOD 79-79	80-84	85-89	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	141.96	119.03	127.91	
20-24	OBS	0	0	0	0
	EXP	.00	.00	.01	.01
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	RATE (STD)/100000	283.70	228.96	223.38	
25-29	OBS	0	0	0	0
	EXP	.00	.01	.00	.01
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	361.58	283.90	275.63	
30-34	OBS	0	0	0	0
	EXP	.00	.00	.02	.02
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	411.53	349.62	365.25	
35-39	OBS	0	0	0	0
	EXP	.01	.01	.00	.01
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00

DSW 147386

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	RATE (STD)/100000	554.41	450.33	487.95	
40-44	OBS	0	0	0	0
	EXP	.00	.02	.01	.03
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	773.38	631.95	641.39	
45-49	OBS	0	0	0	0
	EXP	.00	.00	.03	.03
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	RATE (STD)/100000	1122.31	956.85	866.53	
50-54	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	1681.08	1416.28	1309.80	
55-59	OBS	0	0	0	0
	EXP	.02	.04	.00	.06
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	---	.00
	RATE (STD)/100000	2282.55	2053.89	1827.47	
60-64	OBS	0	0	0	0
	EXP	.00	.10	.05	.14
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	3072.37	2926.71	2703.76	
65-69	OBS	0	0	0	0
	EXP	.00	.00	.13	.13
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	RATE (STD)/100000	4097.63	3887.07	3880.31	
70-74	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	5615.13	5543.68	5503.30	
75-79	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	7488.48	7107.70	7404.48	
80-84	OBS	0	0	0	0
	EXP	.00	.00	.00	.00

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STLCOPCB4039234

	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	10078.88	10900.53	11034.22	
85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	14345.94	14559.98	14429.14	
TOTAL	OBS	0	0	0	0
	EXP	.03	.17	.25	.45
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987

POPULATION SUBGROUP

RACE: NONWHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 3: CAUSE SPECIFIC OBSERVED AND EXPECTED NUMBERS OF DEATHS SHOWING SMR's AND DEATH RATES
****

CAUSE OF DEATH: All Causes of Death

		TIME-PERIOD			
AGE GROUP		79-79	80-84	85-89	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	RATE (STD)/100000	57.07	46.61	46.62	
20-24	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	---	.00
	RATE (STD)/100000	98.50	78.22	73.47	
25-29	OBS	0	0	0	0
	EXP	.00	.01	.00	.01
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	126.62	105.33	102.24	

DSW 147388

STLCOPCB4039235

30-34	OBS	0	0	0	0
	EXP	.00	.01	.01	.02
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	164.93	139.31	150.38	
35-39	OBS	0	0	0	0
	EXP	.00	.02	.01	.03
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	255.78	203.40	203.72	
40-44	OBS	0	0	0	0
	EXP	.00	.01	.03	.04
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	394.72	321.67	301.10	
45-49	OBS	0	0	0	0
	EXP	.00	.00	.02	.02
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	RATE (STD)/100000	597.58	498.39	446.79	
50-54	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	881.23	749.59	703.91	
55-59	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	1232.56	1130.04	1026.48	
60-64	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	1720.80	1640.66	1580.18	
65-69	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	2368.61	2209.82	2150.66	
70-74	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---

DSW 147389

STLCOPCB4039236

	RATE (STD)/100000	3582.75	3367.04	3228.23	
75-79	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	5001.47	4600.41	4634.32	
80-84	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	6680.26	7603.64	7657.94	
85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	11126.19	11273.01	11863.31	
TOTAL	OBS	0	0	0	0
	EXP	.01	.04	.06	.11
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987

POPULATION SUBGROUP

RACE: NONWHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 3: CAUSE SPECIFIC OBSERVED AND EXPECTED NUMBERS OF DEATHS SHOWING SMR's AND DEATH RATES
****

CAUSE OF DEATH: All Causes of Death

		TIME-PERIOD			
AGE GROUP		79-79	80-84	85-89	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
20-24	OBS	0	0	0	0
	EXP	.00	.00	.01	.01
	SMR	---	---	---	---

DSW 147390

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	RATE (COHORT)/100000	---	.00	.00	.00
25-29	OBS	0	0	0	0
	EXP	.00	.02	.00	.02
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.00	.01	.03	.04
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	0	0
	EXP	.01	.03	.01	.04
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
40-44	OBS	0	0	0	0
	EXP	.00	.03	.04	.07
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
45-49	OBS	0	0	0	0
	EXP	.00	.00	.05	.05
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
50-54	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
55-59	OBS	0	0	0	0
	EXP	.02	.04	.00	.06
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	---	.00
60-64	OBS	0	0	0	0
	EXP	.00	.10	.05	.14
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
65-69	OBS	0	0	0	0
	EXP	.00	.00	.13	.13
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
70-74	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---

DSW 147391

STLCOPCB4039238

75-79	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
80-84	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
TOTAL	OBS	0	0	0	0
	EXP	.04	.21	.31	.56
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987

POPULATION SUBGROUP

RACE: TOTAL
SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 3: CAUSE SPECIFIC OBSERVED AND EXPECTED NUMBERS OF DEATHS SHOWING SMR's AND DEATH RATES
****

CAUSE OF DEATH: All Causes of Death

		TIME-PERIOD			
AGE GROUP		79-79	80-84	85-89	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
20-24	OBS	0	0	0	0
	EXP	.00	.03	.05	.08
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
25-29	OBS	0	0	0	0
	EXP	.02	.11	.07	.19
	SMR	---	---	---	---

DSW 147392

STLCOPCB4039239

	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.02	.09	.16	.26
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	0	0
	EXP	.04	.18	.16	.38
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
40-44	OBS	0	0	0	0
	EXP	.02	.20	.30	.53
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
45-49	OBS	0	1	0	1
	EXP	.07	.20	.31	.59
	SMR	---	489.1	---	169.8
	RATE (COHORT)/100000	.00	2399.89	.00	837.75
50-54	OBS	0	0	0	0
	EXP	.01	.40	.30	.71
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
55-59	OBS	0	0	0	0
	EXP	.09	.20	.62	.91
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
60-64	OBS	0	1	0	1
	EXP	.08	.52	.26	.86
	SMR	---	191.2	---	115.9
	RATE (COHORT)/100000	.00	4128.49	.00	2463.55
65-69	OBS	0	0	0	0
	EXP	.02	.32	.70	1.04
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
70-74	OBS	0	0	0	0
	EXP	.00	.02	.47	.49
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
75-79	OBS	0	0	0	0
	EXP	.00	.00	.03	.03
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00

DSW 147393

STLCOPCB4039240

80-84	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
TOTAL	OBS	0	2	0	2
	EXP	.38	2.29	3.42	6.09
	SMR	---	87.2	---	32.8
	RATE (COHORT)/100000	.00	459.80	.00	193.03

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987

POPULATION SUBGROUP
RACE: TOTAL
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 3: CAUSE SPECIFIC OBSERVED AND EXPECTED NUMBERS OF DEATHS SHOWING SMR's AND DEATH RATES
****

CAUSE OF DEATH: All Causes of Death

AGE GROUP		TIME-PERIOD 79-79	80-84	85-89	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
20-24	OBS	0	0	0	0
	EXP	.00	.01	.00	.01
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
25-29	OBS	0	0	0	0
	EXP	.00	.02	.02	.04
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.00	.01	.03	.04
	SMR	---	---	---	---

DSW 147394

STLCOPCB4039241

	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	0	0
	EXP	.00	.02	.01	.04
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
40-44	OBS	0	0	0	0
	EXP	.00	.01	.05	.06
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
45-49	OBS	0	0	0	0
	EXP	.01	.04	.02	.07
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
50-54	OBS	0	0	0	0
	EXP	.01	.02	.06	.09
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
55-59	OBS	0	0	0	0
	EXP	.02	.07	.03	.12
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
60-64	OBS	0	0	0	0
	EXP	.03	.15	.11	.28
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
65-69	OBS	0	0	0	0
	EXP	.00	.16	.22	.38
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
70-74	OBS	0	0	1	1
	EXP	.00	.00	.21	.21
	SMR	---	---	467.5	467.5
	RATE (COHORT)/100000	---	---	11747.67	11747.67
75-79	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
80-84	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---

DSW 147395

STLCOPCB4039242

85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
TOTAL	OBS	0	0	1	1
	EXP	.07	.51	.76	1.34
	SMR	---	---	130.8	74.4
	RATE (COHORT)/100000	.00	.00	639.02	344.63

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987

POPULATION SUBGROUP
RACE: TOTAL
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

****
TABLE TYPE 3: CAUSE SPECIFIC OBSERVED AND EXPECTED NUMBERS OF DEATHS SHOWING SMR's AND DEATH RATES
****

CAUSE OF DEATH: All Causes of Death

		TIME-PERIOD			
AGE GROUP		79-79	80-84	85-89	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
20-24	OBS	0	0	0	0
	EXP	.00	.03	.05	.08
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
25-29	OBS	0	0	0	0
	EXP	.02	.12	.08	.23
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.02	.10	.18	.31
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	0	0
	EXP	.04	.21	.17	.42
	SMR	---	---	---	---

DSW 147396

STLCOPCB4039243

	RATE (COHORT)/100000	.00	.00	.00	.00
40-44	OBS	0	0	0	0
	EXP	.03	.22	.35	.59
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
45-49	OBS	0	1	0	1
	EXP	.08	.24	.33	.66
	SMR	---	410.1	---	152.3
	RATE (COHORT)/100000	.00	1780.84	.00	704.48
50-54	OBS	0	0	0	0
	EXP	.02	.43	.36	.80
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
55-59	OBS	0	0	0	0
	EXP	.11	.27	.65	1.03
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
60-64	OBS	0	1	0	1
	EXP	.11	.67	.36	1.14
	SMR	---	149.3	---	87.6
	RATE (COHORT)/100000	.00	2626.84	.00	1491.50
65-69	OBS	0	0	0	0
	EXP	.02	.48	.92	1.42
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
70-74	OBS	0	0	1	1
	EXP	.00	.02	.68	.71
	SMR	---	---	146.5	141.8
	RATE (COHORT)/100000	---	.00	5355.05	5223.99
75-79	OBS	0	0	0	0
	EXP	.00	.00	.03	.03
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
80-84	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---

DSW 147397

STLCOPCB4039244

TOTAL	OBS	0	2	1	3
	EXP	.45	2.80	4.19	7.43
	SMR	---	71.5	23.9	40.4
	RATE (COHORT)/100000	.00	361.89	145.60	226.20

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: MALE
CUMULATIVE EXPOSURE: <10
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 64
PERSON YEARS: 521.7

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	1.18	---	.0	311.8	.0	447.8
All Malignant Neoplasms	0	.17	---	.0	2115.0	.0	3037.4
Cancer of Large Intestine	0	.01	---	.0	30310.9	.0	43531.3
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	8329.4	.0	11962.4
Cancer of Breast	0	.00	---	.0	1635101.0	.0	2348269.0
Cancer of Prostate (Males only)	0	.00	---	.0	250651.9	.0	359976.6
All Heart Disease	0	.21	---	.0	1753.6	.0	2518.5
All External Causes of Death	0	.51	---	.0	716.5	.0	1029.1
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

DSW 147398

STLCOPCB4039245

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: MALE
CUMULATIVE EXPOSURE: <10

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 0
PERSON YEARS: .0

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.00	---	---	---	---	---
All Malignant Neoplasms	0	.00	---	---	---	---	---
Cancer of Large Intestine	0	.00	---	---	---	---	---
Cancer of Bronchus, Trachea, Lung	0	.00	---	---	---	---	---
Cancer of Breast	0	.00	---	---	---	---	---
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.00	---	---	---	---	---
All External Causes of Death	0	.00	---	---	---	---	---
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: MALE
CUMULATIVE EXPOSURE: <10

DSW 147399

STLCOPCB4039246

SUBGROUP DATA

NUMBER AT RISK: 64
PERSON YEARS: 521.7

LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	1.18	---	.0	311.8	.0	447.8
All Malignant Neoplasms	0	.17	---	.0	2115.0	.0	3037.4
Cancer of Large Intestine	0	.01	---	.0	30310.9	.0	43531.3
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	8329.4	.0	11962.4
Cancer of Breast	0	.00	---	.0	1635101.0	.0	2348269.0
Cancer of Prostate (Males only)	0	.00	---	.0	250651.9	.0	359976.6
All Heart Disease	0	.21	---	.0	1753.6	.0	2518.5
All External Causes of Death	0	.51	---	.0	716.5	.0	1029.1
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: WHITE
SEX: MALE
CUMULATIVE EXPOSURE: 10+

SUBGROUP DATA

NUMBER AT RISK: 37
PERSON YEARS: 169.6

LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****

DSW 147400

STLCOPCB4039247

TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.79	---	.0	467.6	.0	671.6
All Malignant Neoplasms	0	.18	---	.0	2006.7	.0	2882.0
Cancer of Large Intestine	0	.01	---	.0	25789.6	.0	37038.0
Cancer of Bronchus, Trachea, Lung	0	.07	---	.0	5449.3	.0	7826.1
Cancer of Breast	0	.00	---	.0	1630427.0	.0	2341556.0
Cancer of Prostate (Males only)	0	.00	---	.0	94557.2	.0	135799.5
All Heart Disease	0	.26	---	.0	1408.9	.0	2023.5
All External Causes of Death	0	.15	---	.0	2448.0	.0	3515.7
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: MALE
CUMULATIVE EXPOSURE: 10+
LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 42
PERSON YEARS: 306.4

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CONFIDENCE INTERVALS
95% LIMITS 99% LIMITS

DSW 147401

STLCOPCB4039248

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
				95% LIMITS		99% LIMITS	
All Causes of Death	2	3.67	54.5	6.6	196.9	2.8	252.7
All Malignant Neoplasms	0	1.05	---	.0	351.6	.0	504.9
Cancer of Large Intestine	0	.09	---	.0	4068.4	.0	5842.9
Cancer of Bronchus, Trachea, Lung	0	.41	---	.0	889.4	.0	1277.3
Cancer of Breast	0	.00	---	.0	317159.7	.0	455492.6
Cancer of Prostate (Males only)	0	.05	---	.0	6743.6	.0	9684.9
All Heart Disease	2	1.41	141.7	17.1	511.8	7.3	657.0
All External Causes of Death	0	.27	---	.0	1381.6	.0	1984.2
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: MALE
CUMULATIVE EXPOSURE: 10+

LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 51
PERSON YEARS: 476.0

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
				95% LIMITS		99% LIMITS	
All Causes of Death	2	4.46	44.9	5.4	162.0	2.3	208.0
All Malignant Neoplasms	0	1.23	---	.0	299.2	.0	429.6

DSW 147402

STLCOPCB4039249

Cancer of Large Intestine	0	.10	---	.0	3514.1	.0	5046.8
Cancer of Bronchus, Trachea, Lung	0	.48	---	.0	764.6	.0	1098.1
Cancer of Breast	0	.00	---	.0	265511.0	.0	381316.8
Cancer of Prostate (Males only)	0	.06	---	.0	6294.7	.0	9040.2
All Heart Disease	2	1.67	119.5	14.5	431.8	6.2	554.2
All External Causes of Death	0	.42	---	.0	883.1	.0	1268.3
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

SUBGROUP DATA

NUMBER AT RISK: 92
PERSON YEARS: 691.3

POPULATION SUBGROUP

RACE: WHITE
SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	1.97	---	.0	187.1	.0	268.6
All Malignant Neoplasms	0	.36	---	.0	1029.7	.0	1478.8
Cancer of Large Intestine	0	.03	---	.0	13934.0	.0	20011.5
Cancer of Bronchus, Trachea, Lung	0	.11	---	.0	3294.2	.0	4731.0
Cancer of Breast	0	.00	---	.0	816380.3	.0	1172454.0
Cancer of Prostate (Males only)	0	.01	---	.0	68656.8	.0	98602.2

DSW 147403

STLCOPCB4039250

All Heart Disease	0	.47	---	.0	781.3	.0	1122.0
All External Causes of Death	0	.67	---	.0	554.3	.0	796.1
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

NUMBER AT RISK: 42
PERSON YEARS: 306.4

POPULATION SUBGROUP
RACE: WHITE
SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	2	3.67	54.5	6.6	196.9	2.8	252.7
All Malignant Neoplasms	0	1.05	---	.0	351.6	.0	504.9
Cancer of Large Intestine	0	.09	---	.0	4068.4	.0	5842.9
Cancer of Bronchus, Trachea, Lung	0	.41	---	.0	889.4	.0	1277.3
Cancer of Breast	0	.00	---	.0	317159.7	.0	455492.6
Cancer of Prostate (Males only)	0	.05	---	.0	6743.6	.0	9684.9
All Heart Disease	2	1.41	141.7	17.1	511.8	7.3	657.0
All External Causes of Death	0	.27	---	.0	1381.6	.0	1984.2
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

DSW 147404

STLCOPCB4039251

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

NUMBER AT RISK: 106
PERSON YEARS: 997.7

POPULATION SUBGROUP
RACE: WHITE
SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	2	5.64	35.4	4.3	128.1	1.8	164.4
All Malignant Neoplasms	0	1.41	---	.0	262.1	.0	376.4
Cancer of Large Intestine	0	.12	---	.0	3149.0	.0	4522.5
Cancer of Bronchus, Trachea, Lung	0	.53	---	.0	700.3	.0	1005.8
Cancer of Breast	0	.00	---	.0	228419.8	.0	328047.7
Cancer of Prostate (Males only)	0	.06	---	.0	6140.5	.0	8818.7
All Heart Disease	2	1.88	106.2	12.8	383.5	5.5	492.3
All External Causes of Death	0	.93	---	.0	395.6	.0	568.1
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: <10

DSW 147405

STLCOPCB4039252

SUBGROUP DATA

NUMBER AT RISK: 18
PERSON YEARS: 126.4

LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.12	---	.0	3047.7	.0	4376.9
All Malignant Neoplasms	0	.04	---	.0	9615.1	.0	13808.9
Cancer of Large Intestine	0	.00	---	.0	178744.8	.0	256706.5
Cancer of Bronchus, Trachea, Lung	0	.01	---	.0	71207.9	.0	102266.1
Cancer of Breast	0	.01	---	.0	33008.3	.0	47405.3
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.01	---	.0	28031.5	.0	40257.8
All External Causes of Death	0	.04	---	.0	10297.1	.0	14788.3
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: <10

SUBGROUP DATA

NUMBER AT RISK: 0
PERSON YEARS: .0

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS

DSW 147406

STLCOPCB4039253

****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.00	---	---	---	---	---
All Malignant Neoplasms	0	.00	---	---	---	---	---
Cancer of Large Intestine	0	.00	---	---	---	---	---
Cancer of Bronchus, Trachea, Lung	0	.00	---	---	---	---	---
Cancer of Breast	0	.00	---	---	---	---	---
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.00	---	---	---	---	---
All External Causes of Death	0	.00	---	---	---	---	---
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: <10

LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 18
PERSON YEARS: 126.4

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER

DSW 147407

STLCOPCB4039254

All Causes of Death	0	.12	---	.0	3047.7	.0	4376.9
All Malignant Neoplasms	0	.04	---	.0	9615.1	.0	13808.9
Cancer of Large Intestine	0	.00	---	.0	178744.8	.0	256706.5
Cancer of Bronchus, Trachea, Lung	0	.01	---	.0	71207.9	.0	102266.1
Cancer of Breast	0	.01	---	.0	33008.3	.0	47405.3
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.01	---	.0	28031.5	.0	40257.8
All External Causes of Death	0	.04	---	.0	10297.1	.0	14788.3
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: 10+

LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 5
PERSON YEARS: 25.7

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.13	---	.0	2831.0	.0	4065.8
All Malignant Neoplasms	0	.06	---	.0	6652.8	.0	9554.6
Cancer of Large Intestine	0	.00	---	.0	83688.2	.0	120189.7

DSW 147408

STLCOPCB4039255

Cancer of Bronchus, Trachea, Lung	0	.01	---	.0	30245.9	.0	43438.0
Cancer of Breast	0	.01	---	.0	27143.2	.0	38982.0
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.03	---	.0	11771.0	.0	16905.1
All External Causes of Death	0	.01	---	.0	47053.1	.0	67575.8
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: WHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: 10+
LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 9
PERSON YEARS: 83.9

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	.98	102.2	2.6	569.4	.5	759.3
All Malignant Neoplasms	0	.36	---	.0	1022.6	.0	1468.7
Cancer of Large Intestine	0	.03	---	.0	10738.2	.0	15421.8
Cancer of Bronchus, Trachea, Lung	0	.08	---	.0	4504.8	.0	6469.6
Cancer of Breast	0	.07	---	.0	5092.7	.0	7314.0
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.30	333.2	8.3	1856.8	1.7	2475.9

DSW 147409

STLCOPCB4039256

All External Causes of Death	0	.03	---	.0	12092.0	.0	17366.0

Unknown Causes (In All Causes Category Only) 0

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: WHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: 10+

LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 12
PERSON YEARS: 109.5

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	1.11	90.2	2.3	502.5	.5	670.1
All Malignant Neoplasms	0	.42	---	.0	886.4	.0	1273.0
Cancer of Large Intestine	0	.04	---	.0	9517.0	.0	13668.0
Cancer of Bronchus, Trachea, Lung	0	.09	---	.0	3920.8	.0	5630.9
Cancer of Breast	0	.09	---	.0	4288.2	.0	6158.5
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.33	301.7	7.5	1681.2	1.5	2241.8
All External Causes of Death	0	.04	---	.0	9619.8	.0	13815.6

Unknown Causes (In All Causes Category Only) 0

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

DSW 147410

STLCOPCB4039257

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

NUMBER AT RISK: 20
PERSON YEARS: 152.1

POPULATION SUBGROUP
RACE: WHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.25	---	.0	1467.7	.0	2107.8
All Malignant Neoplasms	0	.09	---	.0	3932.1	.0	5647.2
Cancer of Large Intestine	0	.01	---	.0	57000.5	.0	81862.0
Cancer of Bronchus, Trachea, Lung	0	.02	---	.0	21228.8	.0	30488.0
Cancer of Breast	0	.02	---	.0	14894.9	.0	21391.5
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.04	---	.0	8289.9	.0	11905.7
All External Causes of Death	0	.04	---	.0	8448.3	.0	12133.1
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

POPULATION SUBGROUP
RACE: WHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: 20+

DSW 147411

STLCOPCB4039258

NUMBER AT RISK: 9
PERSON YEARS: 83.9

TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	1	.98	102.2	2.6	569.4	.5	759.3
All Malignant Neoplasms	0	.36	---	.0	1022.6	.0	1468.7
Cancer of Large Intestine	0	.03	---	.0	10738.2	.0	15421.8
Cancer of Bronchus, Trachea, Lung	0	.08	---	.0	4504.8	.0	6469.6
Cancer of Breast	0	.07	---	.0	5092.7	.0	7314.0
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.30	333.2	8.3	1856.8	1.7	2475.9
All External Causes of Death	0	.03	---	.0	12092.0	.0	17366.0
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

POPULATION SUBGROUP
RACE: WHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

NUMBER AT RISK: 27
PERSON YEARS: 235.9

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

DSW 147412

STLCOPCB4039259

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	1	1.23	81.3	2.0	453.0	.4	604.1
All Malignant Neoplasms	0	.45	---	.0	811.6	.0	1165.5
Cancer of Large Intestine	0	.04	---	.0	9035.9	.0	12977.0
Cancer of Bronchus, Trachea, Lung	0	.10	---	.0	3716.2	.0	5337.0
Cancer of Breast	0	.10	---	.0	3795.1	.0	5450.4
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.34	290.2	7.3	1617.0	1.5	2156.2
All External Causes of Death	0	.07	---	.0	4973.5	.0	7142.7
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: <10
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 82
PERSON YEARS: 648.1

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER

DSW 147413

STLCOPCB4039260

All Causes of Death	0	1.30	---	.0	282.8	.0	406.2
All Malignant Neoplasms	0	.21	---	.0	1733.6	.0	2489.8
Cancer of Large Intestine	0	.01	---	.0	25916.1	.0	37219.8
Cancer of Bronchus, Trachea, Lung	0	.05	---	.0	7457.1	.0	10709.6
Cancer of Breast	0	.01	---	.0	32355.2	.0	46467.3
Cancer of Prostate (Males only)	0	.00	---	.0	250651.9	.0	359976.6
All Heart Disease	0	.22	---	.0	1650.4	.0	2370.2
All External Causes of Death	0	.55	---	.0	669.9	.0	962.1
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: WHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: <10

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 0
PERSON YEARS: .0

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	.00	---	---	---	---	---
All Malignant Neoplasms	0	.00	---	---	---	---	---
Cancer of Large Intestine	0	.00	---	---	---	---	---
Cancer of Bronchus, Trachea, Lung	0	.00	---	---	---	---	---

DSW 147414

STLCOPCB4039261

Cancer of Breast	0	.00	---	---	---	---	---
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.00	---	---	---	---	---
All External Causes of Death	0	.00	---	---	---	---	---
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: <10
LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 82
PERSON YEARS: 648.1

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	1.30	---	.0	282.8	.0	406.2
All Malignant Neoplasms	0	.21	---	.0	1733.6	.0	2489.8
Cancer of Large Intestine	0	.01	---	.0	25916.1	.0	37219.8
Cancer of Bronchus, Trachea, Lung	0	.05	---	.0	7457.1	.0	10709.6
Cancer of Breast	0	.01	---	.0	32355.2	.0	46467.3
Cancer of Prostate (Males only)	0	.00	---	.0	250651.9	.0	359976.6
All Heart Disease	0	.22	---	.0	1650.4	.0	2370.2
All External Causes of Death	0	.55	---	.0	669.9	.0	962.1

DSW 147415

STLCOPCB4039262

Unknown Causes (In All Causes Category Only) 0

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: 10+

LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 42
PERSON YEARS: 195.2

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.92	---	.0	401.3	.0	576.4
All Malignant Neoplasms	0	.24	---	.0	1541.7	.0	2214.1
Cancer of Large Intestine	0	.02	---	.0	19714.3	.0	28313.0
Cancer of Bronchus, Trachea, Lung	0	.08	---	.0	4617.4	.0	6631.3
Cancer of Breast	0	.01	---	.0	26698.7	.0	38343.7
Cancer of Prostate (Males only)	0	.00	---	.0	94557.2	.0	135799.5
All Heart Disease	0	.29	---	.0	1258.3	.0	1807.2
All External Causes of Death	0	.16	---	.0	2326.9	.0	3341.8

Unknown Causes (In All Causes Category Only) 0

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

DSW 147416

STLCOPCB4039263

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: WHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: 10+

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 51
PERSON YEARS: 390.3

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	3	4.65	64.5	13.3	188.6	7.3	236.1
All Malignant Neoplasms	0	1.41	---	.0	261.6	.0	375.7
Cancer of Large Intestine	0	.13	---	.0	2950.5	.0	4237.5
Cancer of Bronchus, Trachea, Lung	0	.50	---	.0	742.7	.0	1066.7
Cancer of Breast	0	.07	---	.0	5012.2	.0	7198.4
Cancer of Prostate (Males only)	0	.05	---	.0	6743.6	.0	9684.9
All Heart Disease	3	1.71	175.3	36.2	512.2	19.7	641.3
All External Causes of Death	0	.30	---	.0	1239.9	.0	1780.7
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: WHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: 10+

LATENCY: TOTAL

SUBGROUP DATA

DSW 147417

STLCOPCB4039264

NUMBER AT RISK: 63
PERSON YEARS: 585.5

TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	3	5.57	53.9	11.1	157.5	6.1	197.2
All Malignant Neoplasms	0	1.65	---	.0	223.7	.0	321.2
Cancer of Large Intestine	0	.14	---	.0	2566.4	.0	3685.8
Cancer of Bronchus, Trachea, Lung	0	.58	---	.0	639.8	.0	918.9
Cancer of Breast	0	.09	---	.0	4220.0	.0	6060.6
Cancer of Prostate (Males only)	0	.06	---	.0	6294.7	.0	9040.2
All Heart Disease	3	2.00	149.6	30.9	437.3	16.9	547.5
All External Causes of Death	0	.46	---	.0	808.9	.0	1161.7
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

POPULATION SUBGROUP

RACE: WHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

NUMBER AT RISK: 112
PERSON YEARS: 843.4

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

DSW 147418

STLCOPCB4039265

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	2.22	---	.0	165.9	.0	238.3
All Malignant Neoplasms	0	.45	---	.0	816.0	.0	1171.9
Cancer of Large Intestine	0	.03	---	.0	11196.9	.0	16080.5
Cancer of Bronchus, Trachea, Lung	0	.13	---	.0	2851.7	.0	4095.5
Cancer of Breast	0	.03	---	.0	14628.0	.0	21008.2
Cancer of Prostate (Males only)	0	.01	---	.0	68656.8	.0	98602.2
All Heart Disease	0	.52	---	.0	714.0	.0	1025.4
All External Causes of Death	0	.71	---	.0	520.2	.0	747.0
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

NUMBER AT RISK: 51
PERSON YEARS: 390.3

POPULATION SUBGROUP
RACE: WHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	3	4.65	64.5	13.3	188.6	7.3	236.1

DSW 147419

STLCOPCB4039266

All Malignant Neoplasms	0	1.41	---	.0	261.6	.0	375.7
Cancer of Large Intestine	0	.13	---	.0	2950.5	.0	4237.5
Cancer of Bronchus, Trachea, Lung	0	.50	---	.0	742.7	.0	1066.7
Cancer of Breast	0	.07	---	.0	5012.2	.0	7198.4
Cancer of Prostate (Males only)	0	.05	---	.0	6743.6	.0	9684.9
All Heart Disease	3	1.71	175.3	36.2	512.2	19.7	641.3
All External Causes of Death	0	.30	---	.0	1239.9	.0	1780.7
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

NUMBER AT RISK: 133
PERSON YEARS: 1233.6

POPULATION SUBGROUP
RACE: WHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	3	6.87	43.7	9.0	127.6	4.9	159.7
All Malignant Neoplasms	0	1.86	---	.0	198.1	.0	284.5
Cancer of Large Intestine	0	.16	---	.0	2335.2	.0	3353.7
Cancer of Bronchus, Trachea, Lung	0	.63	---	.0	589.3	.0	846.3
Cancer of Breast	0	.10	---	.0	3733.1	.0	5361.3

DSW 147420

STLCOPCB4039267

Cancer of Prostate (Males only)	0	.06	---	.0	6140.5	.0	8818.7
All Heart Disease	3	2.23	134.6	27.8	393.4	15.2	492.6
All External Causes of Death	0	1.01	---	.0	366.4	.0	526.3
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: NONWHITE
SEX: MALE
CUMULATIVE EXPOSURE: <10

LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 3
PERSON YEARS: 16.4

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.05	---	.0	7927.3	.0	11384.8
All Malignant Neoplasms	0	.00	---	.0	210153.2	.0	301814.0
Cancer of Large Intestine	0	.00	---	.0	3044786.0	.0	4372805.0
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	3059892.0	.0	4394499.0
Cancer of Breast	0	.00	---	.0	169468100.0	.0	243383600.0
Cancer of Prostate (Males only)	0	.00	---	.0	162460400.0	.0	233319400.0
All Heart Disease	0	.00	---	.0	125500.3	.0	180238.8
All External Causes of Death	0	.03	---	.0	12564.7	.0	18045.0
Unknown Causes (In All Causes Category Only)	0						

DSW 147421

STLCOPCB4039268

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: NONWHITE
SEX: MALE
CUMULATIVE EXPOSURE: <10

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 0
PERSON YEARS: .0

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.00	---	---	---	---	---
All Malignant Neoplasms	0	.00	---	---	---	---	---
Cancer of Large Intestine	0	.00	---	---	---	---	---
Cancer of Bronchus, Trachea, Lung	0	.00	---	---	---	---	---
Cancer of Breast	0	.00	---	---	---	---	---
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.00	---	---	---	---	---
All External Causes of Death	0	.00	---	---	---	---	---
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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PROJECT TITLE: Monsanto Mortality Sureveillance

POPULATION SUBGROUP

DSW 147422

STLCOPCB4039269

POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

RACE: NONWHITE
SEX: MALE
CUMULATIVE EXPOSURE: <10

SUBGROUP DATA

NUMBER AT RISK: 3
PERSON YEARS: 16.4

LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.05	---	.0	7927.3	.0	11384.8
All Malignant Neoplasms	0	.00	---	.0	210153.2	.0	301814.0
Cancer of Large Intestine	0	.00	---	.0	3044786.0	.0	4372805.0
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	3059892.0	.0	4394499.0
Cancer of Breast	0	.00	---	.0	169468100.0	.0	243383600.0
Cancer of Prostate (Males only)	0	.00	---	.0	162460400.0	.0	233319400.0
All Heart Disease	0	.00	---	.0	125500.3	.0	180238.8
All External Causes of Death	0	.03	---	.0	12564.7	.0	18045.0
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: NONWHITE
SEX: MALE
CUMULATIVE EXPOSURE: 10+

SUBGROUP DATA

NUMBER AT RISK: 1

LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

DSW 147423

STLCOPCB4039270

PERSON YEARS: 8.5

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.05	---	.0	6981.9	.0	10027.1
All Malignant Neoplasms	0	.01	---	.0	50017.1	.0	71832.7
Cancer of Large Intestine	0	.00	---	.0	835332.4	.0	1199672.0
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	158887.7	.0	228188.4
Cancer of Breast	0	.00	---	.0	50012460.0	.0	71825980.0
Cancer of Prostate (Males only)	0	.00	---	.0	7558980.0	.0	10855920.0
All Heart Disease	0	.01	---	.0	32640.9	.0	46877.7
All External Causes of Death	0	.01	---	.0	26055.5	.0	37419.9
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: NONWHITE
SEX: MALE
CUMULATIVE EXPOSURE: 10+

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 2
PERSON YEARS: 13.5

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CONFIDENCE INTERVALS

DSW 147424

STLCOPCB4039271

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.35	---	.0	1056.2	.0	1516.9
All Malignant Neoplasms	0	.10	---	.0	3553.8	.0	5103.9
Cancer of Large Intestine	0	.01	---	.0	52811.2	.0	75845.4
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	9127.7	.0	13108.8
Cancer of Breast	0	.00	---	.0	3117722.0	.0	4477553.0
Cancer of Prostate (Males only)	0	.01	---	.0	39233.4	.0	56345.4
All Heart Disease	0	.12	---	.0	3128.6	.0	4493.1
All External Causes of Death	0	.02	---	.0	18805.2	.0	27007.2
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: NONWHITE
SEX: MALE
CUMULATIVE EXPOSURE: 10+

LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 2
PERSON YEARS: 22.0

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.40	---	.0	917.4	.0	1317.6

DSW 147425

STLCOPCB4039272

All Malignant Neoplasms	0	.11	---	.0	3318.1	.0	4765.3
Cancer of Large Intestine	0	.01	---	.0	49670.9	.0	71335.4
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	8631.8	.0	12396.7
Cancer of Breast	0	.00	---	.0	2934772.0	.0	4214807.0
Cancer of Prostate (Males only)	0	.01	---	.0	39030.8	.0	56054.5
All Heart Disease	0	.13	---	.0	2854.9	.0	4100.1
All External Causes of Death	0	.03	---	.0	10922.2	.0	15686.1
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

NUMBER AT RISK: 4
PERSON YEARS: 24.9

POPULATION SUBGROUP

RACE: NONWHITE
SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	.10	---	.0	3712.3	.0	5331.5
All Malignant Neoplasms	0	.01	---	.0	40401.5	.0	58023.0
Cancer of Large Intestine	0	.00	---	.0	655497.7	.0	941400.6
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	151044.5	.0	216924.4
Cancer of Breast	0	.00	---	.0	38616250.0	.0	55459180.0

DSW 147426

STLCOPCB4039273

Cancer of Prostate (Males only)	0	.00	---	.0	7222911.0	.0	10373270.0
All Heart Disease	0	.01	---	.0	25903.7	.0	37201.9
All External Causes of Death	0	.04	---	.0	8476.9	.0	12174.2
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

SUBGROUP DATA

NUMBER AT RISK: 2
PERSON YEARS: 13.5

POPULATION SUBGROUP

RACE: NONWHITE
SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	.35	---	.0	1056.2	.0	1516.9
All Malignant Neoplasms	0	.10	---	.0	3553.8	.0	5103.9
Cancer of Large Intestine	0	.01	---	.0	52811.2	.0	75845.4
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	9127.7	.0	13108.8
Cancer of Breast	0	.00	---	.0	3117722.0	.0	4477553.0
Cancer of Prostate (Males only)	0	.01	---	.0	39233.4	.0	56345.4
All Heart Disease	0	.12	---	.0	3128.6	.0	4493.1
All External Causes of Death	0	.02	---	.0	18805.2	.0	27007.2
Unknown Causes (In All Causes Category Only)	0						

DSW 147427

STLCOPCB4039274

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: NONWHITE
SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 5
PERSON YEARS: 38.4

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.45	---	.0	822.3	.0	1180.9
All Malignant Neoplasms	0	.11	---	.0	3266.5	.0	4691.2
Cancer of Large Intestine	0	.01	---	.0	48873.6	.0	70190.4
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	8607.5	.0	12361.8
Cancer of Breast	0	.00	---	.0	2884814.0	.0	4143059.0
Cancer of Prostate (Males only)	0	.01	---	.0	39021.4	.0	56041.0
All Heart Disease	0	.13	---	.0	2791.4	.0	4008.9
All External Causes of Death	0	.06	---	.0	5843.0	.0	8391.5
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: NONWHITE

STLCOPCB4039275

EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

SEX: FEMALE
CUMULATIVE EXPOSURE: <10

SUBGROUP DATA

NUMBER AT RISK: 6
PERSON YEARS: 48.6

LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.09	---	.0	4011.5	.0	5761.1
All Malignant Neoplasms	0	.02	---	.0	18958.9	.0	27228.1
Cancer of Large Intestine	0	.00	---	.0	367066.6	.0	527166.9
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	200113.5	.0	287395.3
Cancer of Breast	0	.01	---	.0	56419.4	.0	81027.4
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.01	---	.0	27828.8	.0	39966.6
All External Causes of Death	0	.02	---	.0	19209.7	.0	27588.2
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: NONWHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: <10

SUBGROUP DATA

NUMBER AT RISK: 0
PERSON YEARS: .0

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

DSW 147429

STLCOPCB4039276

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.00	---	---	---	---	---
All Malignant Neoplasms	0	.00	---	---	---	---	---
Cancer of Large Intestine	0	.00	---	---	---	---	---
Cancer of Bronchus, Trachea, Lung	0	.00	---	---	---	---	---
Cancer of Breast	0	.00	---	---	---	---	---
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.00	---	---	---	---	---
All External Causes of Death	0	.00	---	---	---	---	---
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: NONWHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: <10

LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 6
PERSON YEARS: 48.6

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CONFIDENCE INTERVALS
95% LIMITS 99% LIMITS

STLCOPCB4039277

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	.09	---	.0	4011.5	.0	5761.1
All Malignant Neoplasms	0	.02	---	.0	18958.9	.0	27228.1
Cancer of Large Intestine	0	.00	---	.0	367066.6	.0	527166.9
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	200113.5	.0	287395.3
Cancer of Breast	0	.01	---	.0	56419.4	.0	81027.4
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.01	---	.0	27828.8	.0	39966.6
All External Causes of Death	0	.02	---	.0	19209.7	.0	27588.2
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: NONWHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: 10+

LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 2
PERSON YEARS: 5.7

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	.02	---	.0	16725.0	.0	24019.8
All Malignant Neoplasms	0	.01	---	.0	53466.7	.0	76786.8

DSW 147431

STLCOPCB4039278

Cancer of Large Intestine	0	.00	---	.0	798326.9	.0	1146526.0
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	352378.5	.0	506072.4
Cancer of Breast	0	.00	---	.0	167833.7	.0	241036.3
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.00	---	.0	77419.7	.0	111187.1
All External Causes of Death	0	.00	---	.0	198104.3	.0	284509.8

Unknown Causes (In All Causes Category Only) 0

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: NONWHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: 10+

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 0
PERSON YEARS: .0

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.00	---	---	---	---	---
All Malignant Neoplasms	0	.00	---	---	---	---	---
Cancer of Large Intestine	0	.00	---	---	---	---	---
Cancer of Bronchus, Trachea, Lung	0	.00	---	---	---	---	---
Cancer of Breast	0	.00	---	---	---	---	---
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---

DSW 147432

STLCOPCB4039279

All Heart Disease	0	.00	---	---	---	---	---
All External Causes of Death	0	.00	---	---	---	---	---
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: NONWHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: 10+

LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 2
PERSON YEARS: 5.7

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	.02	---	.0	16725.0	.0	24019.8
All Malignant Neoplasms	0	.01	---	.0	53466.7	.0	76786.8
Cancer of Large Intestine	0	.00	---	.0	798326.9	.0	1146526.0
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	352378.5	.0	506072.4
Cancer of Breast	0	.00	---	.0	167833.7	.0	241036.3
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.00	---	.0	77419.7	.0	111187.1
All External Causes of Death	0	.00	---	.0	198104.3	.0	284509.8
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

DSW 147433

STLCOPCB4039280

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

SUBGROUP DATA

NUMBER AT RISK: 6
PERSON YEARS: 54.2

POPULATION SUBGROUP

RACE: NONWHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.11	---	.0	3235.4	.0	4646.6
All Malignant Neoplasms	0	.03	---	.0	13996.0	.0	20100.6
Cancer of Large Intestine	0	.00	---	.0	251450.8	.0	361124.0
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	127632.0	.0	183300.2
Cancer of Breast	0	.01	---	.0	42225.0	.0	60641.9
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.02	---	.0	20470.6	.0	29399.0
All External Causes of Death	0	.02	---	.0	17511.6	.0	25149.6
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: NONWHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL

DSW 147434

STLCOPCB4039281

SUBGROUP DATA

NUMBER AT RISK: 0
PERSON YEARS: .0

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.00	---	---	---	---	---
All Malignant Neoplasms	0	.00	---	---	---	---	---
Cancer of Large Intestine	0	.00	---	---	---	---	---
Cancer of Bronchus, Trachea, Lung	0	.00	---	---	---	---	---
Cancer of Breast	0	.00	---	---	---	---	---
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.00	---	---	---	---	---
All External Causes of Death	0	.00	---	---	---	---	---
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: NONWHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 6
PERSON YEARS: 54.2

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

DSW 147435

STLCOPCB4039282

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.11	---	.0	3235.4	.0	4646.6
All Malignant Neoplasms	0	.03	---	.0	13996.0	.0	20100.6
Cancer of Large Intestine	0	.00	---	.0	251450.8	.0	361124.0
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	127632.0	.0	183300.2
Cancer of Breast	0	.01	---	.0	42225.0	.0	60641.9
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.02	---	.0	20470.6	.0	29399.0
All External Causes of Death	0	.02	---	.0	17511.6	.0	25149.6
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: NONWHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: <10
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 9
PERSON YEARS: 65.0

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER

DSW 147436

STLCOPCB4039283

All Causes of Death	0	.14	---	.0	2663.6	.0	3825.3
All Malignant Neoplasms	0	.02	---	.0	17390.1	.0	24975.0
Cancer of Large Intestine	0	.00	---	.0	327575.5	.0	470451.3
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	187829.6	.0	269753.7
Cancer of Breast	0	.01	---	.0	56400.7	.0	81000.5
Cancer of Prostate (Males only)	0	.00	---	.0	162460400.0	.0	233319400.0
All Heart Disease	0	.02	---	.0	22777.9	.0	32712.8
All External Causes of Death	0	.05	---	.0	7596.2	.0	10909.4
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: NONWHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: <10

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 0
PERSON YEARS: .0

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	.00	---	---	---	---	---
All Malignant Neoplasms	0	.00	---	---	---	---	---
Cancer of Large Intestine	0	.00	---	---	---	---	---
Cancer of Bronchus, Trachea, Lung	0	.00	---	---	---	---	---

DSW 147437

STLCOPCB4039284

Cancer of Breast	0	.00	---	---	---	---	---
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.00	---	---	---	---	---
All External Causes of Death	0	.00	---	---	---	---	---
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: NONWHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: <10

LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 9
PERSON YEARS: 65.0

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.14	---	.0	2663.6	.0	3825.3
All Malignant Neoplasms	0	.02	---	.0	17390.1	.0	24975.0
Cancer of Large Intestine	0	.00	---	.0	327575.5	.0	470451.3
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	187829.6	.0	269753.7
Cancer of Breast	0	.01	---	.0	56400.7	.0	81000.5
Cancer of Prostate (Males only)	0	.00	---	.0	162460400.0	.0	233319400.0
All Heart Disease	0	.02	---	.0	22777.9	.0	32712.8
All External Causes of Death	0	.05	---	.0	7596.2	.0	10909.4

DSW 147438

STLCOPCB4039285

Unknown Causes (In All Causes Category Only) 0

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: NONWHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: 10+

LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 3
PERSON YEARS: 14.2

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.07	---	.0	4925.6	.0	7074.0
All Malignant Neoplasms	0	.01	---	.0	25842.2	.0	37113.6
Cancer of Large Intestine	0	.00	---	.0	408205.3	.0	586248.7
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	109509.7	.0	157273.6
Cancer of Breast	0	.00	---	.0	167272.3	.0	240230.1
Cancer of Prostate (Males only)	0	.00	---	.0	7558980.0	.0	10855920.0
All Heart Disease	0	.02	---	.0	22960.5	.0	32975.0
All External Causes of Death	0	.02	---	.0	23026.9	.0	33070.4
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

DSW 147439

STLCOPCB4039286

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: NONWHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: 10+
LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 2
PERSON YEARS: 13.5

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.35	---	.0	1056.2	.0	1516.9
All Malignant Neoplasms	0	.10	---	.0	3553.8	.0	5103.9
Cancer of Large Intestine	0	.01	---	.0	52811.2	.0	75845.4
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	9127.7	.0	13108.8
Cancer of Breast	0	.00	---	.0	3117722.0	.0	4477553.0
Cancer of Prostate (Males only)	0	.01	---	.0	39233.4	.0	56345.4
All Heart Disease	0	.12	---	.0	3128.6	.0	4493.1
All External Causes of Death	0	.02	---	.0	18805.2	.0	27007.2
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: NONWHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: 10+
LATENCY: TOTAL

SUBGROUP DATA

DSW 147440

STLCOPCB4039287

NUMBER AT RISK: 4
PERSON YEARS: 27.7

TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.42	---	.0	869.7	.0	1249.1
All Malignant Neoplasms	0	.12	---	.0	3124.2	.0	4486.8
Cancer of Large Intestine	0	.01	---	.0	46761.4	.0	67157.0
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	8425.4	.0	12100.3
Cancer of Breast	0	.00	---	.0	158754.8	.0	227997.6
Cancer of Prostate (Males only)	0	.01	---	.0	39030.8	.0	56054.5
All Heart Disease	0	.13	---	.0	2753.4	.0	3954.3
All External Causes of Death	0	.04	---	.0	10351.5	.0	14866.4
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

POPULATION SUBGROUP
RACE: NONWHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

NUMBER AT RISK: 10
PERSON YEARS: 79.1

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

DSW 147441

STLCOPCB4039288

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.21	---	.0	1728.8	.0	2482.8
All Malignant Neoplasms	0	.04	---	.0	10395.0	.0	14928.9
Cancer of Large Intestine	0	.00	---	.0	181736.3	.0	261002.6
Cancer of Bronchus, Trachea, Lung	0	.01	---	.0	69177.4	.0	99349.9
Cancer of Breast	0	.01	---	.0	42178.8	.0	60575.6
Cancer of Prostate (Males only)	0	.00	---	.0	7222911.0	.0	10373270.0
All Heart Disease	0	.03	---	.0	11434.4	.0	16421.7
All External Causes of Death	0	.06	---	.0	5711.9	.0	8203.3
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

SUBGROUP DATA

NUMBER AT RISK: 2
PERSON YEARS: 13.5

POPULATION SUBGROUP

RACE: NONWHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.35	---	.0	1056.2	.0	1516.9

DSW 147442

STLCOPCB4039289

All Malignant Neoplasms	0	.10	---	.0	3553.8	.0	5103.9
Cancer of Large Intestine	0	.01	---	.0	52811.2	.0	75845.4
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	9127.7	.0	13108.8
Cancer of Breast	0	.00	---	.0	3117722.0	.0	4477553.0
Cancer of Prostate (Males only)	0	.01	---	.0	39233.4	.0	56345.4
All Heart Disease	0	.12	---	.0	3128.6	.0	4493.1
All External Causes of Death	0	.02	---	.0	18805.2	.0	27007.2
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

NUMBER AT RISK: 11
PERSON YEARS: 92.6

POPULATION SUBGROUP
RACE: NONWHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	.56	---	.0	655.6	.0	941.6
All Malignant Neoplasms	0	.14	---	.0	2648.4	.0	3803.5
Cancer of Large Intestine	0	.01	---	.0	40920.1	.0	58767.9
Cancer of Bronchus, Trachea, Lung	0	.05	---	.0	8063.7	.0	11580.8
Cancer of Breast	0	.01	---	.0	41615.8	.0	59767.1

DSW 147443

STLCOPCB4039290

Cancer of Prostate (Males only)	0	.01	---	.0	39021.4	.0	56041.0
All Heart Disease	0	.15	---	.0	2456.5	.0	3527.9
All External Causes of Death	0	.08	---	.0	4381.2	.0	6292.1
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: TOTAL
SEX: MALE
CUMULATIVE EXPOSURE: <10
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 67
PERSON YEARS: 538.1

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	1.23	---	.0	300.0	.0	430.8
All Malignant Neoplasms	0	.18	---	.0	2093.9	.0	3007.2
Cancer of Large Intestine	0	.01	---	.0	30012.1	.0	43102.3
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	8306.8	.0	11929.9
Cancer of Breast	0	.00	---	.0	1619476.0	.0	2325829.0
Cancer of Prostate (Males only)	0	.00	---	.0	250265.7	.0	359422.0
All Heart Disease	0	.21	---	.0	1729.5	.0	2483.8
All External Causes of Death	0	.54	---	.0	677.9	.0	973.6
Unknown Causes (In All Causes Category Only)	0						

DSW 147444

STLCOPCB4039291

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: TOTAL
SEX: MALE
CUMULATIVE EXPOSURE: <10

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 0
PERSON YEARS: .0

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.00	---	---	---	---	---
All Malignant Neoplasms	0	.00	---	---	---	---	---
Cancer of Large Intestine	0	.00	---	---	---	---	---
Cancer of Bronchus, Trachea, Lung	0	.00	---	---	---	---	---
Cancer of Breast	0	.00	---	---	---	---	---
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.00	---	---	---	---	---
All External Causes of Death	0	.00	---	---	---	---	---
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance

POPULATION SUBGROUP

DSW 147445

STLCOPCB4039292

POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

RACE: TOTAL
SEX: MALE
CUMULATIVE EXPOSURE: <10

SUBGROUP DATA

NUMBER AT RISK: 67
PERSON YEARS: 538.1

LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	1.23	---	.0	300.0	.0	430.8
All Malignant Neoplasms	0	.18	---	.0	2093.9	.0	3007.2
Cancer of Large Intestine	0	.01	---	.0	30012.1	.0	43102.3
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	8306.8	.0	11929.9
Cancer of Breast	0	.00	---	.0	1619476.0	.0	2325829.0
Cancer of Prostate (Males only)	0	.00	---	.0	250265.7	.0	359422.0
All Heart Disease	0	.21	---	.0	1729.5	.0	2483.8
All External Causes of Death	0	.54	---	.0	677.9	.0	973.6
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: TOTAL
SEX: MALE
CUMULATIVE EXPOSURE: 10+

SUBGROUP DATA

NUMBER AT RISK: 38

LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

DSW 147446

STLCOPCB4039293

PERSON YEARS: 178.1

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.84	---	.0	438.3	.0	629.4
All Malignant Neoplasms	0	.19	---	.0	1929.3	.0	2770.8
Cancer of Large Intestine	0	.01	---	.0	25017.2	.0	35928.7
Cancer of Bronchus, Trachea, Lung	0	.07	---	.0	5268.6	.0	7566.6
Cancer of Breast	0	.00	---	.0	1578952.0	.0	2267630.0
Cancer of Prostate (Males only)	0	.00	---	.0	93389.0	.0	134121.7
All Heart Disease	0	.27	---	.0	1350.6	.0	1939.7
All External Causes of Death	0	.16	---	.0	2237.7	.0	3213.7
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: TOTAL
SEX: MALE
CUMULATIVE EXPOSURE: 10+

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 44
PERSON YEARS: 319.9

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CONFIDENCE INTERVALS

DSW 147447

STLCOPCB4039294

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	2	4.02	49.8	6.0	179.8	2.6	230.7
All Malignant Neoplasms	0	1.15	---	.0	319.9	.0	459.4
Cancer of Large Intestine	0	.10	---	.0	3777.4	.0	5425.0
Cancer of Bronchus, Trachea, Lung	0	.46	---	.0	810.4	.0	1163.9
Cancer of Breast	0	.00	---	.0	287874.8	.0	413434.7
Cancer of Prostate (Males only)	0	.06	---	.0	5754.5	.0	8264.4
All Heart Disease	2	1.53	130.8	15.8	472.4	6.7	606.3
All External Causes of Death	0	.29	---	.0	1287.0	.0	1848.4
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: TOTAL
SEX: MALE
CUMULATIVE EXPOSURE: 10+

SUBGROUP DATA
NUMBER AT RISK: 53
PERSON YEARS: 498.0

LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	CONFIDENCE INTERVALS 95% LIMITS UPPER	CONFIDENCE INTERVALS 99% LIMITS LOWER	CONFIDENCE INTERVALS 99% LIMITS UPPER
All Causes of Death	2	4.86	41.1	5.0	148.6	2.1	190.8

DSW 147448

STLCOPCB4039295

All Malignant Neoplasms	0	1.34	---	.0	274.4	.0	394.1
Cancer of Large Intestine	0	.11	---	.0	3281.9	.0	4713.3
Cancer of Bronchus, Trachea, Lung	0	.53	---	.0	702.4	.0	1008.7
Cancer of Breast	0	.00	---	.0	243483.0	.0	349680.9
Cancer of Prostate (Males only)	0	.07	---	.0	5420.5	.0	7784.7
All Heart Disease	2	1.80	110.9	13.4	400.8	5.7	514.5
All External Causes of Death	0	.45	---	.0	817.1	.0	1173.5
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

NUMBER AT RISK: 96
PERSON YEARS: 716.2

POPULATION SUBGROUP
RACE: TOTAL
SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	2.07	---	.0	178.1	.0	255.8
All Malignant Neoplasms	0	.37	---	.0	1004.1	.0	1442.1
Cancer of Large Intestine	0	.03	---	.0	13644.0	.0	19595.0
Cancer of Bronchus, Trachea, Lung	0	.11	---	.0	3223.9	.0	4630.0
Cancer of Breast	0	.00	---	.0	799478.6	.0	1148181.0

DSW 147449

STLCOPCB4039296

Cancer of Prostate (Males only)	0	.01	---	.0	68010.3	.0	97673.8
All Heart Disease	0	.49	---	.0	758.4	.0	1089.2
All External Causes of Death	0	.71	---	.0	520.3	.0	747.2
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

NUMBER AT RISK: 44
PERSON YEARS: 319.9

POPULATION SUBGROUP
RACE: TOTAL
SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	2	4.02	49.8	6.0	179.8	2.6	230.7
All Malignant Neoplasms	0	1.15	---	.0	319.9	.0	459.4
Cancer of Large Intestine	0	.10	---	.0	3777.4	.0	5425.0
Cancer of Bronchus, Trachea, Lung	0	.46	---	.0	810.4	.0	1163.9
Cancer of Breast	0	.00	---	.0	287874.8	.0	413434.7
Cancer of Prostate (Males only)	0	.06	---	.0	5754.5	.0	8264.4
All Heart Disease	2	1.53	130.8	15.8	472.4	6.7	606.3
All External Causes of Death	0	.29	---	.0	1287.0	.0	1848.4
Unknown Causes (In All Causes Category Only)	0						

DSW 147450

STLCOPCB4039297

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

NUMBER AT RISK: 111
PERSON YEARS: 1036.1

POPULATION SUBGROUP
RACE: TOTAL
SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	2	6.09	32.8	4.0	118.6	1.7	152.3
All Malignant Neoplasms	0	1.52	---	.0	242.6	.0	348.4
Cancer of Large Intestine	0	.12	---	.0	2958.4	.0	4248.7
Cancer of Bronchus, Trachea, Lung	0	.57	---	.0	647.6	.0	930.1
Cancer of Breast	0	.00	---	.0	211660.5	.0	303978.7
Cancer of Prostate (Males only)	0	.07	---	.0	5305.6	.0	7619.7
All Heart Disease	2	2.02	99.2	12.0	358.4	5.1	460.0
All External Causes of Death	0	1.00	---	.0	370.5	.0	532.1
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site

POPULATION SUBGROUP
RACE: TOTAL

STLCOPCB4039298

EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

SEX: FEMALE
CUMULATIVE EXPOSURE: <10

SUBGROUP DATA

NUMBER AT RISK: 24
PERSON YEARS: 175.0

LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.21	---	.0	1731.9	.0	2487.3
All Malignant Neoplasms	0	.06	---	.0	6379.6	.0	9162.2
Cancer of Large Intestine	0	.00	---	.0	120208.7	.0	172639.0
Cancer of Bronchus, Trachea, Lung	0	.01	---	.0	52519.5	.0	75426.5
Cancer of Breast	0	.02	---	.0	20824.8	.0	29907.7
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.03	---	.0	13964.9	.0	20055.8
All External Causes of Death	0	.06	---	.0	6703.7	.0	9627.6
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: TOTAL
SEX: FEMALE
CUMULATIVE EXPOSURE: <10

SUBGROUP DATA

NUMBER AT RISK: 0
PERSON YEARS: .0

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

DSW 147452

STLCOPCB4039299

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.00	---	---	---	---	---
All Malignant Neoplasms	0	.00	---	---	---	---	---
Cancer of Large Intestine	0	.00	---	---	---	---	---
Cancer of Bronchus, Trachea, Lung	0	.00	---	---	---	---	---
Cancer of Breast	0	.00	---	---	---	---	---
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.00	---	---	---	---	---
All External Causes of Death	0	.00	---	---	---	---	---
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: TOTAL
SEX: FEMALE
CUMULATIVE EXPOSURE: <10

LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 24
PERSON YEARS: 175.0

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CONFIDENCE INTERVALS

95% LIMITS 99% LIMITS

STLCOPCB4039300

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
				95% LIMITS		99% LIMITS	
All Causes of Death	0	.21	---	.0	1731.9	.0	2487.3
All Malignant Neoplasms	0	.06	---	.0	6379.6	.0	9162.2
Cancer of Large Intestine	0	.00	---	.0	120208.7	.0	172639.0
Cancer of Bronchus, Trachea, Lung	0	.01	---	.0	52519.5	.0	75426.5
Cancer of Breast	0	.02	---	.0	20824.8	.0	29907.7
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.03	---	.0	13964.9	.0	20055.8
All External Causes of Death	0	.06	---	.0	6703.7	.0	9627.6
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: TOTAL
SEX: FEMALE
CUMULATIVE EXPOSURE: 10+

LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 7
PERSON YEARS: 31.3

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
				95% LIMITS		99% LIMITS	
All Causes of Death	0	.15	---	.0	2421.2	.0	3477.2
All Malignant Neoplasms	0	.06	---	.0	5916.6	.0	8497.3

DSW 147454

STLCOPCB4039301

Cancer of Large Intestine	0	.00	---	.0	75747.6	.0	108785.8
Cancer of Bronchus, Trachea, Lung	0	.01	---	.0	27855.0	.0	40004.3
Cancer of Breast	0	.02	---	.0	23364.5	.0	33555.2
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.04	---	.0	10217.5	.0	14674.0
All External Causes of Death	0	.01	---	.0	38022.2	.0	54606.0
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: TOTAL
SEX: FEMALE
CUMULATIVE EXPOSURE: 10+
LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 9
PERSON YEARS: 83.9

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	1	.98	102.2	2.6	569.4	.5	759.3
All Malignant Neoplasms	0	.36	---	.0	1022.6	.0	1468.7
Cancer of Large Intestine	0	.03	---	.0	10738.2	.0	15421.8
Cancer of Bronchus, Trachea, Lung	0	.08	---	.0	4504.8	.0	6469.6
Cancer of Breast	0	.07	---	.0	5092.7	.0	7314.0
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---

DSW 147455

STLCOPCB4039302

All Heart Disease	1	.30	333.2	8.3	1856.8	1.7	2475.9
All External Causes of Death	0	.03	---	.0	12092.0	.0	17366.0
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: TOTAL
SEX: FEMALE
CUMULATIVE EXPOSURE: 10+

LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 14
PERSON YEARS: 115.2

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	1.13	88.4	2.2	492.7	.4	657.0
All Malignant Neoplasms	0	.42	---	.0	871.9	.0	1252.2
Cancer of Large Intestine	0	.04	---	.0	9404.9	.0	13507.0
Cancer of Bronchus, Trachea, Lung	0	.10	---	.0	3877.7	.0	5568.9
Cancer of Breast	0	.09	---	.0	4181.3	.0	6005.1
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.34	297.4	7.4	1657.4	1.5	2210.0
All External Causes of Death	0	.04	---	.0	9174.3	.0	13175.8
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

DSW 147456

STLCOPCB4039303

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

SUBGROUP DATA

NUMBER AT RISK: 26
PERSON YEARS: 206.3

POPULATION SUBGROUP

RACE: TOTAL
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.37	---	.0	1009.7	.0	1450.0
All Malignant Neoplasms	0	.12	---	.0	3069.7	.0	4408.6
Cancer of Large Intestine	0	.01	---	.0	46467.1	.0	66734.2
Cancer of Bronchus, Trachea, Lung	0	.02	---	.0	18201.4	.0	26140.2
Cancer of Breast	0	.03	---	.0	11010.8	.0	15813.3
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.06	---	.0	5900.4	.0	8474.0
All External Causes of Death	0	.06	---	.0	5698.9	.0	8184.6
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: TOTAL
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL

STLCOPCB4039304

SUBGROUP DATA

NUMBER AT RISK: 9
PERSON YEARS: 83.9

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	1	.98	102.2	2.6	569.4	.5	759.3
All Malignant Neoplasms	0	.36	---	.0	1022.6	.0	1468.7
Cancer of Large Intestine	0	.03	---	.0	10738.2	.0	15421.8
Cancer of Bronchus, Trachea, Lung	0	.08	---	.0	4504.8	.0	6469.6
Cancer of Breast	0	.07	---	.0	5092.7	.0	7314.0
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.30	333.2	8.3	1856.8	1.7	2475.9
All External Causes of Death	0	.03	---	.0	12092.0	.0	17366.0
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: TOTAL
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 33
PERSON YEARS: 290.2

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

DSW 147458

STLCOPCB4039305

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	1	1.34	74.4	1.9	414.6	.4	552.9
All Malignant Neoplasms	0	.48	---	.0	767.1	.0	1101.7
Cancer of Large Intestine	0	.04	---	.0	8722.5	.0	12526.9
Cancer of Bronchus, Trachea, Lung	0	.10	---	.0	3611.0	.0	5186.0
Cancer of Breast	0	.11	---	.0	3482.2	.0	5000.9
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.36	275.8	6.9	1536.6	1.4	2049.0
All External Causes of Death	0	.10	---	.0	3873.4	.0	5562.8
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: TOTAL
SEX: TOTAL
CUMULATIVE EXPOSURE: <10
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 91
PERSON YEARS: 713.1

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER

STLCOPCB4039306

All Causes of Death	0	1.44	---	.0	255.7	.0	367.2
All Malignant Neoplasms	0	.23	---	.0	1576.5	.0	2264.1
Cancer of Large Intestine	0	.02	---	.0	24016.1	.0	34491.0
Cancer of Bronchus, Trachea, Lung	0	.05	---	.0	7172.4	.0	10300.7
Cancer of Breast	0	.02	---	.0	20560.4	.0	29528.0
Cancer of Prostate (Males only)	0	.00	---	.0	250265.7	.0	359422.0
All Heart Disease	0	.24	---	.0	1538.9	.0	2210.1
All External Causes of Death	0	.60	---	.0	615.6	.0	884.1
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: TOTAL
SEX: TOTAL
CUMULATIVE EXPOSURE: <10

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 0
PERSON YEARS: .0

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	.00	---	---	---	---	---
All Malignant Neoplasms	0	.00	---	---	---	---	---
Cancer of Large Intestine	0	.00	---	---	---	---	---
Cancer of Bronchus, Trachea, Lung	0	.00	---	---	---	---	---

DSW 147460

STLCOPCB4039307

Cancer of Breast	0	.00	---	---	---	---	---
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.00	---	---	---	---	---
All External Causes of Death	0	.00	---	---	---	---	---
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: TOTAL
SEX: TOTAL
CUMULATIVE EXPOSURE: <10
LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 91
PERSON YEARS: 713.1

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	1.44	---	.0	255.7	.0	367.2
All Malignant Neoplasms	0	.23	---	.0	1576.5	.0	2264.1
Cancer of Large Intestine	0	.02	---	.0	24016.1	.0	34491.0
Cancer of Bronchus, Trachea, Lung	0	.05	---	.0	7172.4	.0	10300.7
Cancer of Breast	0	.02	---	.0	20560.4	.0	29528.0
Cancer of Prostate (Males only)	0	.00	---	.0	250265.7	.0	359422.0
All Heart Disease	0	.24	---	.0	1538.9	.0	2210.1
All External Causes of Death	0	.60	---	.0	615.6	.0	884.1

DSW 147461

STLCOPCB4039308

Unknown Causes (In All Causes Category Only) 0

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: TOTAL
SEX: TOTAL
CUMULATIVE EXPOSURE: 10+

LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 45
PERSON YEARS: 209.4

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	.99	---	.0	371.1	.0	533.0
All Malignant Neoplasms	0	.25	---	.0	1454.9	.0	2089.5
Cancer of Large Intestine	0	.02	---	.0	18806.1	.0	27008.6
Cancer of Bronchus, Trachea, Lung	0	.08	---	.0	4430.6	.0	6363.0
Cancer of Breast	0	.02	---	.0	23023.8	.0	33065.9
Cancer of Prostate (Males only)	0	.00	---	.0	93389.0	.0	134121.7
All Heart Disease	0	.31	---	.0	1192.9	.0	1713.3
All External Causes of Death	0	.17	---	.0	2113.3	.0	3035.1

Unknown Causes (In All Causes Category Only) 0

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

DSW 147462

STLCOPCB4039309

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

SUBGROUP DATA

NUMBER AT RISK: 53
PERSON YEARS: 403.8

POPULATION SUBGROUP

RACE: TOTAL
SEX: TOTAL
CUMULATIVE EXPOSURE: 10+

LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	3	5.00	60.0	12.4	175.4	6.8	219.6
All Malignant Neoplasms	0	1.51	---	.0	243.7	.0	350.0
Cancer of Large Intestine	0	.13	---	.0	2794.4	.0	4013.2
Cancer of Bronchus, Trachea, Lung	0	.54	---	.0	686.8	.0	986.4
Cancer of Breast	0	.07	---	.0	5004.2	.0	7186.8
Cancer of Prostate (Males only)	0	.06	---	.0	5754.5	.0	8264.4
All Heart Disease	3	1.83	164.0	33.8	479.2	18.5	600.0
All External Causes of Death	0	.32	---	.0	1163.2	.0	1670.6
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

SUBGROUP DATA

POPULATION SUBGROUP

RACE: TOTAL
SEX: TOTAL
CUMULATIVE EXPOSURE: 10+

LATENCY: TOTAL

DSW 147463

STLCOPCB4039310

NUMBER AT RISK: 67
PERSON YEARS: 613.2

TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	3	5.99	50.1	10.3	146.3	5.6	183.2
All Malignant Neoplasms	0	1.77	---	.0	208.7	.0	299.8
Cancer of Large Intestine	0	.15	---	.0	2432.9	.0	3494.1
Cancer of Bronchus, Trachea, Lung	0	.62	---	.0	594.7	.0	854.0
Cancer of Breast	0	.09	---	.0	4110.7	.0	5903.7
Cancer of Prostate (Males only)	0	.07	---	.0	5420.5	.0	7784.7
All Heart Disease	3	2.14	140.3	28.9	409.9	15.8	513.2
All External Causes of Death	0	.49	---	.0	750.3	.0	1077.5
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

9:57 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

POPULATION SUBGROUP
RACE: TOTAL
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

NUMBER AT RISK: 122
PERSON YEARS: 922.5

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

DSW 147464

STLCOPCB4039311

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	0	2.44	---	.0	151.4	.0	217.4
All Malignant Neoplasms	0	.49	---	.0	756.6	.0	1086.6
Cancer of Large Intestine	0	.03	---	.0	10547.1	.0	15147.3
Cancer of Bronchus, Trachea, Lung	0	.13	---	.0	2738.8	.0	3933.3
Cancer of Breast	0	.03	---	.0	10861.2	.0	15598.5
Cancer of Prostate (Males only)	0	.01	---	.0	68010.3	.0	97673.8
All Heart Disease	0	.55	---	.0	672.0	.0	965.1
All External Causes of Death	0	.77	---	.0	476.8	.0	684.7
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

NUMBER AT RISK: 53
PERSON YEARS: 403.8

POPULATION SUBGROUP
RACE: TOTAL
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS 95% LIMITS LOWER	95% LIMITS UPPER	99% LIMITS LOWER	99% LIMITS UPPER
All Causes of Death	3	5.00	60.0	12.4	175.4	6.8	219.6

DSW 147465

STLCOPCB4039312

All Malignant Neoplasms	0	1.51	---	.0	243.7	.0	350.0
Cancer of Large Intestine	0	.13	---	.0	2794.4	.0	4013.2
Cancer of Bronchus, Trachea, Lung	0	.54	---	.0	686.8	.0	986.4
Cancer of Breast	0	.07	---	.0	5004.2	.0	7186.8
Cancer of Prostate (Males only)	0	.06	---	.0	5754.5	.0	8264.4
All Heart Disease	3	1.83	164.0	33.8	479.2	18.5	600.0
All External Causes of Death	0	.32	---	.0	1163.2	.0	1670.6
Unknown Causes (In All Causes Category Only)	0						

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS
SUBGROUP DATA

NUMBER AT RISK: 144
PERSON YEARS: 1326.3

POPULATION SUBGROUP
RACE: TOTAL
SEX: TOTAL
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS
****

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	3	7.43	40.4	8.3	117.9	4.5	147.6
All Malignant Neoplasms	0	2.00	---	.0	184.3	.0	264.7
Cancer of Large Intestine	0	.17	---	.0	2209.1	.0	3172.7
Cancer of Bronchus, Trachea, Lung	0	.67	---	.0	549.1	.0	788.6
Cancer of Breast	0	.11	---	.0	3425.8	.0	4920.0

DSW 147466

STLCOPCB4039313

Cancer of Prostate (Males only)	0	.07	---	.0	5305.6	.0	7619.7
All Heart Disease	3	2.38	126.1	26.0	368.6	14.2	461.5
All External Causes of Death	0	1.09	---	.0	338.2	.0	485.6

Unknown Causes (In All Causes Category Only) 0

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: MALE
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 5: MORTALITY BY CUMULATIVE EXPOSURE AND LATENCY
****

CAUSE OF DEATH: All Causes of Death

LATENCY		CUMULATIVE-EXPOSURE <10	10+	TOTAL
<20	OBS	0	0	0
	EXP	1.18	.79	1.97
	SMR (SIG)	---	---	---
	AT RISK	64	37	92
	PERSON YRS	521.7	169.6	691.3
20+	OBS	0	2	2
	EXP	.00	3.67	3.67
	SMR (SIG)	---	54.5	54.5
	AT RISK	0	42	42
	PERSON YRS	.0	306.4	306.4
TOTAL	OBS	0	2	2
	EXP	1.18	4.46	5.64
	SMR (SIG)	---	44.9	35.4
	AT RISK	64	51	106
	PERSON YRS	521.7	476.0	997.7

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

DSW 147467

STLCOPCB4039314

	INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
MINIMUM	24.89041	24.87337
MAXIMUM	35.21096	34.27789
MEAN	30.05069	29.57563

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: FEMALE
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 5: MORTALITY BY CUMULATIVE EXPOSURE AND LATENCY
****

CAUSE OF DEATH: All Causes of Death

LATENCY		CUMULATIVE-EXPOSURE <10	10+	TOTAL
<20	OBS	0	0	0
	EXP	.12	.13	.25
	SMR (SIG)	---	---	---
	AT RISK	18	5	20
	PERSON YRS	126.4	25.7	152.1
20+	OBS	0	1	1
	EXP	.00	.98	.98
	SMR (SIG)	---	102.2	102.2
	AT RISK	0	9	9
	PERSON YRS	.0	83.9	83.9
TOTAL	OBS	0	1	1
	EXP	.12	1.11	1.23
	SMR (SIG)	---	90.2	81.3
	AT RISK	18	12	27
	PERSON YRS	126.4	109.5	235.9

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

INTERVAL FROM ONSET CUMULATIVE

DSW 147468

STLCOPCB4039315

	OF EXPOSURE (DECEDENTS ONLY)	EXPOSURE (DECEDENTS ONLY)
MINIMUM	45.78082	37.26762
MAXIMUM	45.78082	37.26762
MEAN	45.78082	37.26762

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: WHITE
SEX: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 5: MORTALITY BY CUMULATIVE EXPOSURE AND LATENCY
****

CAUSE OF DEATH: All Causes of Death

LATENCY		CUMULATIVE-EXPOSURE <10	10+	TOTAL
<20	OBS	0	0	0
	EXP	1.30	.92	2.22
	SMR (SIG)	---	---	---
	AT RISK	82	42	112
	PERSON YRS	648.1	195.2	843.4
20+	OBS	0	3	3
	EXP	.00	4.65	4.65
	SMR (SIG)	---	64.5	64.5
	AT RISK	0	51	51
	PERSON YRS	.0	390.3	390.3
TOTAL	OBS	0	3	3
	EXP	1.30	5.57	6.87
	SMR (SIG)	---	53.9	43.7
	AT RISK	82	63	133
	PERSON YRS	648.1	585.5	1233.6

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

INTERVAL FROM ONSET OF EXPOSURE
CUMULATIVE EXPOSURE

DSW 147469

STLCOPCB4039316

	(DECEDENTS ONLY)	(DECEDENTS ONLY)
MINIMUM	24.89041	24.87337
MAXIMUM	45.78082	37.26762
MEAN	35.29406	32.13963

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: NONWHITE
SEX: MALE
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 5: MORTALITY BY CUMULATIVE EXPOSURE AND LATENCY
****

CAUSE OF DEATH: All Causes of Death

LATENCY		CUMULATIVE-EXPOSURE <10	10+	TOTAL
<20	OBS	0	0	0
	EXP	.05	.05	.10
	SMR (SIG)	---	---	---
	AT RISK	3	1	4
	PERSON YRS	16.4	8.5	24.9
20+	OBS	0	0	0
	EXP	.00	.35	.35
	SMR (SIG)	---	---	---
	AT RISK	0	2	2
	PERSON YRS	.0	13.5	13.5
TOTAL	OBS	0	0	0
	EXP	.05	.40	.45
	SMR (SIG)	---	---	---
	AT RISK	3	2	5
	PERSON YRS	16.4	22.0	38.4

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)

DSW 147470

STLCOPCB4039317

MINIMUM	---	---
MAXIMUM	---	---
MEAN	---	---

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: NONWHITE
SEX: FEMALE
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 5: MORTALITY BY CUMULATIVE EXPOSURE AND LATENCY
****

CAUSE OF DEATH: All Causes of Death

LATENCY		CUMULATIVE-EXPOSURE <10	10+	TOTAL
<20	OBS	0	0	0
	EXP	.09	.02	.11
	SMR (SIG)	---	---	---
	AT RISK	6	2	6
	PERSON YRS	48.6	5.7	54.2
20+	OBS	0	0	0
	EXP	.00	.00	.00
	SMR (SIG)	---	---	---
	AT RISK	0	0	0
	PERSON YRS	.0	.0	.0
TOTAL	OBS	0	0	0
	EXP	.09	.02	.11
	SMR (SIG)	---	---	---
	AT RISK	6	2	6
	PERSON YRS	48.6	5.7	54.2

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
---	---

DSW 147471

STLCOPCB4039318

MINIMUM	---	---
MAXIMUM	---	---
MEAN	---	---

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: NONWHITE
SEX: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 5: MORTALITY BY CUMULATIVE EXPOSURE AND LATENCY
****

CAUSE OF DEATH: All Causes of Death

LATENCY		CUMULATIVE-EXPOSURE <10	10+	TOTAL
<20	OBS	0	0	0
	EXP	.14	.07	.21
	SMR (SIG)	---	---	---
	AT RISK	9	3	10
	PERSON YRS	65.0	14.2	79.1
20+	OBS	0	0	0
	EXP	.00	.35	.35
	SMR (SIG)	---	---	---
	AT RISK	0	2	2
	PERSON YRS	.0	13.5	13.5
TOTAL	OBS	0	0	0
	EXP	.14	.42	.56
	SMR (SIG)	---	---	---
	AT RISK	9	4	11
	PERSON YRS	65.0	27.7	92.6

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

	INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
MINIMUM	---	---

DSW 147472

STLCOPCB4039319

MAXIMUM	---	---
MEAN	---	---

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP

RACE: TOTAL
SEX: MALE
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 5: MORTALITY BY CUMULATIVE EXPOSURE AND LATENCY
****

CAUSE OF DEATH: All Causes of Death

LATENCY		CUMULATIVE-EXPOSURE <10	CUMULATIVE-EXPOSURE 10+	CUMULATIVE-EXPOSURE TOTAL
<20	OBS	0	0	0
	EXP	1.23	.84	2.07
	SMR (SIG)	---	---	---
	AT RISK	67	38	96
	PERSON YRS	538.1	178.1	716.2
20+	OBS	0	2	2
	EXP	.00	4.02	4.02
	SMR (SIG)	---	49.8	49.8
	AT RISK	0	44	44
	PERSON YRS	.0	319.9	319.9
TOTAL	OBS	0	2	2
	EXP	1.23	4.86	6.09
	SMR (SIG)	---	41.1	32.8
	AT RISK	67	53	111
	PERSON YRS	538.1	498.0	1036.1

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

	INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
MINIMUM	24.89041	24.87337
MAXIMUM	35.21096	34.27789

DSW 147473

STLCOPCB4039320

MEAN	30.05069	29.57563

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: TOTAL
SEX: FEMALE
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 5: MORTALITY BY CUMULATIVE EXPOSURE AND LATENCY
****

CAUSE OF DEATH: All Causes of Death

LATENCY		CUMULATIVE-EXPOSURE <10	10+	TOTAL
<20	OBS	0	0	0
	EXP	.21	.15	.37
	SMR (SIG)	---	---	---
	AT RISK	24	7	26
	PERSON YRS	175.0	31.3	206.3
20+	OBS	0	1	1
	EXP	.00	.98	.98
	SMR (SIG)	---	102.2	102.2
	AT RISK	0	9	9
	PERSON YRS	.0	83.9	83.9
TOTAL	OBS	0	1	1
	EXP	.21	1.13	1.34
	SMR (SIG)	---	88.4	74.4
	AT RISK	24	14	33
	PERSON YRS	175.0	115.2	290.2

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

	INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
MINIMUM	45.78082	37.26762
MAXIMUM	45.78082	37.26762
MEAN	45.78082	37.26762

DSW 147474

STLCOPCB4039321

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 9:57 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS Salary Population Working between 1979 and 1989 at Anniston Site
EXPECTED NUMBERS BASED ON: U.S. Population 1979-1987
CUMULATIVE EXPOSURE UNITS: Cumulative Exposure Units = YEARS

POPULATION SUBGROUP
RACE: TOTAL
SEX: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

****
TABLE TYPE 5: MORTALITY BY CUMULATIVE EXPOSURE AND LATENCY
****

CAUSE OF DEATH: All Causes of Death

LATENCY		CUMULATIVE-EXPOSURE <10	10+	TOTAL
<20	OBS	0	0	0
	EXP	1.44	.99	2.44
	SMR (SIG)	---	---	---
	AT RISK	91	45	122
	PERSON YRS	713.1	209.4	922.5
20+	OBS	0	3	3
	EXP	.00	5.00	5.00
	SMR (SIG)	---	60.0	60.0
	AT RISK	0	53	53
	PERSON YRS	.0	403.8	403.8
TOTAL	OBS	0	3	3
	EXP	1.44	5.99	7.43
	SMR (SIG)	---	50.1	40.4
	AT RISK	91	67	144
	PERSON YRS	713.1	613.2	1326.3

* SIGNIFICANT AT 5% LEVEL; ** SIGNIFICANT AT 1% LEVEL

	INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
MINIMUM	24.89041	24.87337
MAXIMUM	45.78082	37.26762
MEAN	35.29406	32.13963

DSW 147475

STLCOPCB4039322