****

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM

MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

****

Gary M. Marsh, Ph.D.
Mary Preininger, B.S.
Jeffrey J. Ehland, B.S.
Department of Biostatistics
Graduate School of Public Health
University of Pittsburgh, Pittsburgh, PA 15261

OCMAP PC, Copyright 1989, by University of Pittsburgh.
This program or any part thereof must not be reproduced or distributed
in any form without the written permission of the authors.

****
* Program Control Information *
****

I. TITLES:

A. PROJECT TITLE: Monsanto Mortality Sureveillance
B. POPULATION SELECTED: MARS 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

STLCOPCB4039085

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

DSW 147239

STLCOPCB4039086

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)

STLCOPCB4039087

(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

DSW 147241

STLCOPCB4039088

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	>=	1.000000	AND <	5.000000
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

DSW 147242

STLCOPCB4039089

E. JOB TYPES SELECTED	RANGE OF JOB TYPES SELECTED
All Job Types	(0-999)

F. JOB EXPOSURE INDEX SELECTED	EXPOSURE TYPE	DAYS PER UNIT
Units: Exposure 1 - Years	1	365.2500

XII. READ, EDIT, AND WRITE SUMMARY:

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

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

376 CASES CHOSEN FOR ANALYSIS (10 DEATHS)

0 CASES SELECTED FOR DETAILED LISTING
376 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	107	28.5		
Terminated	185	49.2		
— Alive	181	(97.8)		
Dead	1	(.5)	1	0
Unknown Status	3	(1.6)		
Retired	81	21.5		
— Alive	75	(92.6)		
Dead	6	(7.4)	6	0
Unknown Status	0	(.0)		
Died While Employed	3	.8	3	0
Total	376	100.0	10	0

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

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

10:42 5/15

POPULATION SUBGROUP
RACE: WHITE
SEX: MALE

DSW 147243

STLCOPCB4039090

****
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	16	5.8	16	5.8	1	.4	0	.0
20-24	108	38.8	108	38.8	33	11.9	0	.0
25-29	85	30.6	85	30.6	43	15.5	0	.0
30-34	36	12.9	36	12.9	36	12.9	0	.0
35-39	19	6.8	19	6.8	55	19.8	0	.0
40-44	8	2.9	8	2.9	36	12.9	0	.0
45-49	4	1.4	4	1.4	36	12.9	3	37.5
50-54	2	.7	2	.7	16	5.8	1	12.5
55-59	0	.0	0	.0	13	4.7	0	.0
60-64	0	.0	0	.0	9	3.2	2	25.0
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	2	25.0
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	278	100.0	278	100.0	278	100.0	8	100.0
AVERAGE AGE	27.2		27.2		38.0		57.7	

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	2.3	1	2.3	0	.0	0	.0
20-24	9	20.5	9	20.5	7	15.9	0	.0
25-29	10	22.7	10	22.7	7	15.9	0	.0
30-34	6	13.6	6	13.6	5	11.4	0	.0
35-39	12	27.3	12	27.3	10	22.7	0	.0
40-44	3	6.8	3	6.8	4	9.1	0	.0

DSW 147244

STLCOPCB4039091

45-49	3	6.8	3	6.8	4	9.1	0	.0
50-54	0	.0	0	.0	2	4.5	0	.0
55-59	0	.0	0	.0	3	6.8	0	.0
60-64	0	.0	0	.0	2	4.5	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	44	100.0	44	100.0	44	100.0	1	100.0
AVERAGE AGE	31.7		31.7		37.5		73.5	

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	17	5.3	17	5.3	1	.3	0	.0
20-24	117	36.3	117	36.3	40	12.4	0	.0
25-29	95	29.5	95	29.5	50	15.5	0	.0
30-34	42	13.0	42	13.0	41	12.7	0	.0
35-39	31	9.6	31	9.6	65	20.2	0	.0
40-44	11	3.4	11	3.4	40	12.4	0	.0
45-49	7	2.2	7	2.2	40	12.4	3	33.3
50-54	2	.6	2	.6	18	5.6	1	11.1
55-59	0	.0	0	.0	16	5.0	0	.0
60-64	0	.0	0	.0	11	3.4	2	22.2
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	3	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	322	100.0	322	100.0	322	100.0	9	100.0
AVERAGE AGE	27.8		27.8		38.0		59.5	

DSW 147245

STLCOPCB4039092

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	11	28.9	11	28.9	5	13.2	0	.0
25-29	10	26.3	10	26.3	8	21.1	0	.0
30-34	7	18.4	7	18.4	4	10.5	0	.0
35-39	5	13.2	5	13.2	6	15.8	0	.0
40-44	3	7.9	3	7.9	6	15.8	0	.0
45-49	2	5.3	2	5.3	5	13.2	1	100.0
50-54	0	.0	0	.0	1	2.6	0	.0
55-59	0	.0	0	.0	1	2.6	0	.0
60-64	0	.0	0	.0	2	5.3	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	38	100.0	38	100.0	38	100.0	1	100.0
AVERAGE AGE	30.3		30.3		37.1		49.6	

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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.	%

STLCOPCB4039093

DSW 147246

<20	1	6.3	1	6.3	1	6.3	0	.0
20-24	4	25.0	4	25.0	3	18.8	0	.0
25-29	1	6.3	1	6.3	2	12.5	0	.0
30-34	6	37.5	6	37.5	4	25.0	0	.0
35-39	3	18.8	3	18.8	4	25.0	0	.0
40-44	0	.0	0	.0	1	6.3	0	.0
45-49	1	6.3	1	6.3	1	6.3	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	16	100.0	16	100.0	16	100.0	0	.0
AVERAGE AGE	30.8		30.8		32.2		---	

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	1.9	1	1.9	1	1.9	0	.0
20-24	15	27.8	15	27.8	8	14.8	0	.0
25-29	11	20.4	11	20.4	10	18.5	0	.0
30-34	13	24.1	13	24.1	8	14.8	0	.0
35-39	8	14.8	8	14.8	10	18.5	0	.0
40-44	3	5.6	3	5.6	7	13.0	0	.0
45-49	3	5.6	3	5.6	6	11.1	1	100.0
50-54	0	.0	0	.0	1	1.9	0	.0
55-59	0	.0	0	.0	1	1.9	0	.0
60-64	0	.0	0	.0	2	3.7	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

DSW 147247

STLCOPCB4039094

TOTAL	54	100.0	54	100.0	54	100.0	1	100.0
AVERAGE AGE	30.5		30.5		35.7		49.6	

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	16	5.1	16	5.1	1	.3	0	.0
20-24	119	37.7	119	37.7	38	12.0	0	.0
25-29	95	30.1	95	30.1	51	16.1	0	.0
30-34	43	13.6	43	13.6	40	12.7	0	.0
35-39	24	7.6	24	7.6	61	19.3	0	.0
40-44	11	3.5	11	3.5	42	13.3	0	.0
45-49	6	1.9	6	1.9	41	13.0	4	44.4
50-54	2	.6	2	.6	17	5.4	1	11.1
55-59	0	.0	0	.0	14	4.4	0	.0
60-64	0	.0	0	.0	11	3.5	2	22.2
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	2	22.2
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	316	100.0	316	100.0	316	100.0	9	100.0
AVERAGE AGE	27.5		27.5		37.9		56.8	

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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

POPULATION SUBGROUP
RACE: TOTAL
SEX: FEMALE

****
TABLE TYPE 1: AGE DISTRIBUTIONS

DSW 147248

STLCOPCB4039095

****

AGE GROUP	AGE AT HIRE		AGE AT FIRST EXPOSURE		AGE AT ENTRY INTO FOLLOW-UP		AGE AT DEATH	
	No.	%	No.	%	No.	%	No.	%
<20	2	3.3	2	3.3	1	1.7	0	.0
20-24	13	21.7	13	21.7	10	16.7	0	.0
25-29	11	18.3	11	18.3	9	15.0	0	.0
30-34	12	20.0	12	20.0	9	15.0	0	.0
35-39	15	25.0	15	25.0	14	23.3	0	.0
40-44	3	5.0	3	5.0	5	8.3	0	.0
45-49	4	6.7	4	6.7	5	8.3	0	.0
50-54	0	.0	0	.0	2	3.3	0	.0
55-59	0	.0	0	.0	3	5.0	0	.0
60-64	0	.0	0	.0	2	3.3	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	60	100.0	60	100.0	60	100.0	1	100.0
AVERAGE AGE	31.5		31.5		36.1		73.5	

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	18	4.8	18	4.8	2	.5	0	.0
20-24	132	35.1	132	35.1	48	12.8	0	.0
25-29	106	28.2	106	28.2	60	16.0	0	.0
30-34	55	14.6	55	14.6	49	13.0	0	.0
35-39	39	10.4	39	10.4	75	19.9	0	.0
40-44	14	3.7	14	3.7	47	12.5	0	.0
45-49	10	2.7	10	2.7	46	12.2	4	40.0
50-54	2	.5	2	.5	19	5.1	1	10.0

DSW 147249

STLCOPCB4039096

55-59	0	.0	0	.0	17	4.5	0	.0
60-64	0	.0	0	.0	13	3.5	2	20.0
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	3	30.0
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	376	100.0	376	100.0	376	100.0	10	100.0
AVERAGE AGE	28.2		28.2		37.6		58.5	

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	12.8	43.1	20.5	76.5
	AT RISK	18	26	7	34
25-29	PERSON YEARS	33.1	156.2	73.0	262.3
	AT RISK	39	61	33	76
30-34	PERSON YEARS	26.6	160.4	174.8	361.8
	AT RISK	35	66	68	103
35-39	PERSON YEARS	46.5	211.8	177.2	435.5
	AT RISK	59	79	73	134
40-44	PERSON YEARS	35.9	213.4	222.5	471.8
	AT RISK	44	87	81	126
45-49	PERSON YEARS	33.9	175.4	210.6	419.9
	AT RISK	44	72	88	132
50-54	PERSON YEARS	17.3	143.3	170.9	331.4
	AT RISK	22	55	71	94
55-59	PERSON YEARS	14.0	77.8	147.8	239.6

DSW 147250

STLCOPCB4039097

	AT RISK	17	35	55	72
60-64	PERSON YEARS	8.2	59.3	75.1	142.6
	AT RISK	10	24	34	45
65-69	PERSON YEARS	1.2	23.5	57.5	82.3
	AT RISK	2	10	22	24
70-74	PERSON YEARS	.0	1.2	20.6	21.9
	AT RISK	0	2	10	10
75-79	PERSON YEARS	.0	.0	1.2	1.2
	AT RISK	0	0	2	2
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	229.6	1265.5	1352.5	2847.6
	AT RISK	235	266	276	278

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	1.0	22.2	27.2	50.5
	AT RISK	1	12	11	14
30-34	PERSON YEARS	2.0	19.4	31.5	52.9
	AT RISK	3	8	13	18
35-39	PERSON YEARS	4.9	30.9	26.1	61.9
	AT RISK	6	14	11	18

DSW 147251

STLCOPCB4039098

40-44	PERSON YEARS	3.1	23.2	39.7	66.0
	AT RISK	4	10	15	19
45-49	PERSON YEARS	2.8	20.4	23.6	46.9
	AT RISK	4	7	10	15
50-54	PERSON YEARS	2.3	11.4	21.6	35.3
	AT RISK	3	7	7	10
55-59	PERSON YEARS	2.6	10.5	11.4	24.5
	AT RISK	3	5	7	10
60-64	PERSON YEARS	2.4	13.8	10.4	26.7
	AT RISK	3	5	5	8
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	22.1	171.9	215.0	408.9
	AT RISK	24	42	44	44

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	13.8	53.4	21.4	88.7
	AT RISK	19	32	8	41

DSW 147252

STLCOPCB4039099

25-29	PERSON YEARS	34.1	178.5	100.2	312.8
	AT RISK	40	73	44	90
30-34	PERSON YEARS	28.6	179.8	206.3	414.6
	AT RISK	38	74	81	121
35-39	PERSON YEARS	51.4	242.7	203.3	497.4
	AT RISK	65	93	84	152
40-44	PERSON YEARS	39.0	236.6	262.2	537.8
	AT RISK	48	97	96	145
45-49	PERSON YEARS	36.8	195.8	234.2	466.8
	AT RISK	48	79	98	147
50-54	PERSON YEARS	19.6	154.7	192.5	366.8
	AT RISK	25	62	78	104
55-59	PERSON YEARS	16.6	88.3	159.2	264.1
	AT RISK	20	40	62	82
60-64	PERSON YEARS	10.6	73.2	85.5	169.3
	AT RISK	13	29	39	53
65-69	PERSON YEARS	1.2	33.2	71.4	105.8
	AT RISK	2	13	27	29
70-74	PERSON YEARS	.0	1.2	29.1	30.4
	AT RISK	0	2	13	13
75-79	PERSON YEARS	.0	.0	1.2	1.2
	AT RISK	0	0	2	2
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	251.7	1437.4	1567.5	3256.6
	AT RISK	259	308	320	322

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147253

STLCOPCB4039100

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	1.3	3.6	6.6	11.5
	AT RISK	2	3	2	5
25-29	PERSON YEARS	4.1	23.5	6.9	34.4
	AT RISK	5	11	5	12
30-34	PERSON YEARS	3.0	25.6	27.4	56.0
	AT RISK	4	9	11	15
35-39	PERSON YEARS	6.2	24.4	23.6	54.2
	AT RISK	8	9	9	17
40-44	PERSON YEARS	6.8	36.8	23.3	66.8
	AT RISK	7	14	9	16
45-49	PERSON YEARS	3.6	27.9	35.5	67.0
	AT RISK	4	11	13	18
50-54	PERSON YEARS	1.4	12.5	27.8	41.8
	AT RISK	2	6	10	12
55-59	PERSON YEARS	1.0	5.1	12.5	18.6
	AT RISK	1	3	6	7
60-64	PERSON YEARS	2.0	6.7	5.1	13.7
	AT RISK	2	3	3	5
65-69	PERSON YEARS	.0	6.6	6.7	13.3
	AT RISK	0	2	3	3
70-74	PERSON YEARS	.0	.0	6.6	6.6
	AT RISK	0	0	2	2
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	29.3	172.6	181.9	383.9
	AT RISK	31	36	38	38

DSW 147254

STLCOPCB4039101

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	.5	3.7	.0	4.3
	AT RISK	1	3	0	3
25-29	PERSON YEARS	1.1	12.1	6.3	19.5
	AT RISK	2	4	3	5
30-34	PERSON YEARS	4.9	10.5	10.1	25.5
	AT RISK	5	6	4	9
35-39	PERSON YEARS	2.7	22.8	10.5	36.0
	AT RISK	3	8	6	10
40-44	PERSON YEARS	1.3	14.4	24.5	40.2
	AT RISK	2	5	8	10
45-49	PERSON YEARS	.0	4.1	14.4	18.6
	AT RISK	0	3	5	6
50-54	PERSON YEARS	.0	2.9	4.3	7.2
	AT RISK	0	1	3	3
55-59	PERSON YEARS	.0	.0	2.9	2.9
	AT RISK	0	0	1	1
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 147255

STLCOPCB4039102

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	10.5	70.7	74.6	155.8
	AT RISK	11	15	16	16

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	1.8	7.4	6.6	15.8
	AT RISK	3	6	2	8
25-29	PERSON YEARS	5.2	35.6	13.2	53.9
	AT RISK	7	15	8	17
30-34	PERSON YEARS	7.9	36.1	37.5	81.5
	AT RISK	9	15	15	24
35-39	PERSON YEARS	8.9	47.3	34.1	90.3
	AT RISK	11	17	15	27
40-44	PERSON YEARS	8.1	51.2	47.7	107.0
	AT RISK	9	19	17	26
45-49	PERSON YEARS	3.6	32.1	49.9	85.6
	AT RISK	4	14	18	24
50-54	PERSON YEARS	1.4	15.4	32.1	49.0
	AT RISK	2	7	13	15
55-59	PERSON YEARS	1.0	5.1	15.4	21.5
	AT RISK	1	3	7	8
60-64	PERSON YEARS	2.0	6.7	5.1	13.7
	AT RISK	2	3	3	5

DSW 147256

STLCOPCB4039103

65-69	PERSON YEARS	.0	6.6	6.7	13.3
	AT RISK	0	2	3	3
70-74	PERSON YEARS	.0	.0	6.6	6.6
	AT RISK	0	0	2	2
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	39.9	243.3	256.5	539.7
	AT RISK	42	51	54	54

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	14.1	46.8	27.1	88.0
	AT RISK	20	29	9	39
25-29	PERSON YEARS	37.1	179.7	79.9	296.7
	AT RISK	44	72	38	88
30-34	PERSON YEARS	29.6	186.0	202.2	417.8
	AT RISK	39	75	79	118
35-39	PERSON YEARS	52.7	236.2	200.7	489.7
	AT RISK	67	88	82	151
40-44	PERSON YEARS	42.7	250.2	245.7	538.6
	AT RISK	51	101	90	142
45-49	PERSON YEARS	37.5	203.4	246.1	486.9
	AT RISK	48	83	101	150

DSW 147257

STLCOPCB4039104

50-54	PERSON YEARS	18.7	155.8	198.7	373.2
	AT RISK	24	61	81	106
55-59	PERSON YEARS	15.0	82.9	160.3	258.2
	AT RISK	18	38	61	79
60-64	PERSON YEARS	10.2	66.0	80.1	156.3
	AT RISK	12	27	37	50
65-69	PERSON YEARS	1.2	30.1	64.2	95.5
	AT RISK	2	12	25	27
70-74	PERSON YEARS	.0	1.2	27.2	28.5
	AT RISK	0	2	12	12
75-79	PERSON YEARS	.0	.0	1.2	1.2
	AT RISK	0	0	2	2
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	259.0	1438.1	1534.4	3231.5
	AT RISK	266	302	314	316

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	1.5	14.0	1.0	16.5
	AT RISK	2	9	1	10
25-29	PERSON YEARS	2.1	34.3	33.6	70.0
	AT RISK	3	16	14	19
30-34	PERSON YEARS	6.9	29.9	41.6	78.4
	AT RISK	8	14	17	27

DSW 147258

STLCOPCB4039105

35-39	PERSON YEARS	7.6	53.8	36.6	98.0
	AT RISK	9	22	17	28
40-44	PERSON YEARS	4.4	37.7	64.2	106.2
	AT RISK	6	15	23	29
45-49	PERSON YEARS	2.8	24.6	38.1	65.4
	AT RISK	4	10	15	21
50-54	PERSON YEARS	2.3	14.4	25.9	42.5
	AT RISK	3	8	10	13
55-59	PERSON YEARS	2.6	10.5	14.3	27.4
	AT RISK	3	5	8	11
60-64	PERSON YEARS	2.4	13.8	10.4	26.7
	AT RISK	3	5	5	8
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	32.6	242.6	289.6	564.7
	AT RISK	35	57	60	60

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147259

STLCOPCB4039106

20-24	PERSON YEARS	15.7	60.8	28.0	104.5
	AT RISK	22	38	10	49
25-29	PERSON YEARS	39.2	214.0	113.5	366.7
	AT RISK	47	88	52	107
30-34	PERSON YEARS	36.5	215.9	243.8	496.1
	AT RISK	47	89	96	145
35-39	PERSON YEARS	60.4	290.0	237.4	587.7
	AT RISK	76	110	99	179
40-44	PERSON YEARS	47.0	287.8	309.9	644.8
	AT RISK	57	116	113	171
45-49	PERSON YEARS	40.3	227.9	284.1	552.4
	AT RISK	52	93	116	171
50-54	PERSON YEARS	21.0	170.1	224.6	415.8
	AT RISK	27	69	91	119
55-59	PERSON YEARS	17.6	93.3	174.6	285.6
	AT RISK	21	43	69	90
60-64	PERSON YEARS	12.6	79.8	90.6	183.0
	AT RISK	15	32	42	58
65-69	PERSON YEARS	1.2	39.8	78.0	119.1
	AT RISK	2	15	30	32
70-74	PERSON YEARS	.0	1.2	35.7	37.0
	AT RISK	0	2	15	15
75-79	PERSON YEARS	.0	.0	1.2	1.2
	AT RISK	0	0	2	2
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	291.6	1680.7	1824.0	3796.3
	AT RISK	301	359	374	376

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

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

10:42 5/15

POPULATION SUBGROUP

RACE: WHITE
SEX: MALE

DSW 147260

STLCOPCB4039107

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	.02	.07	.03	.13
	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	.05	.25	.11	.42
	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	.04	.26	.30	.61
	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	.10	.42	.37	.89
	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	.12	.63	.65	1.41
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	339.59	297.41	293.84	
45-49	OBS	0	1	2	3
	EXP	.19	.86	.96	2.02
	SMR	---	116.2	207.6	148.7
	RATE (COHORT)/100000	.00	570.07	949.82	714.41
	RATE (STD)/100000	569.65	490.70	457.63	

DSW 147261

STLCOPCB4039108

50-54	OBS	0	0	1	1
	EXP	.16	1.18	1.29	2.63
	SMR	---	---	77.5	38.0
	RATE (COHORT)/100000	.00	.00	585.21	301.71
	RATE (STD)/100000	927.36	822.85	754.62	
55-59	OBS	0	0	0	0
	EXP	.20	1.03	1.81	3.05
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	1454.85	1325.67	1225.85	
60-64	OBS	0	1	1	2
	EXP	.19	1.21	1.43	2.83
	SMR	---	82.6	69.9	70.7
	RATE (COHORT)/100000	.00	1685.68	1331.73	1402.61
	RATE (STD)/100000	2307.15	2039.82	1905.97	
65-69	OBS	0	0	0	0
	EXP	.04	.75	1.73	2.52
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	3475.81	3180.47	2998.60	
70-74	OBS	0	0	2	2
	EXP	.00	.06	.95	1.01
	SMR	---	---	210.4	197.8
	RATE (COHORT)/100000	---	.00	9701.00	9147.87
	RATE (STD)/100000	5139.15	4849.92	4610.82	
75-79	OBS	0	0	0	0
	EXP	.00	.00	.09	.09
	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	6	8
	EXP	1.13	6.72	9.74	17.59
	SMR	---	29.8	61.6	45.5 *
	RATE (COHORT)/100000	.00	158.04	443.62	280.94

STLCOPCB4039109

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	.00
	RATE (STD)/100000	60.59	55.99	54.13	
30-34	OBS	0	0	0	0
	EXP	.00	.01	.02	.04
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	76.83	68.71	67.05	
35-39	OBS	0	0	0	0
	EXP	.01	.03	.02	.06
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	115.74	100.05	94.72	
40-44	OBS	0	0	0	0
	EXP	.01	.04	.06	.10
	SMR	---	---	---	---

DSW 147263

STLCOPCB4039110

	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	.06	.06	.12
	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	.05	.09	.15
	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	.08	.17
	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

DSW 147264

STLCOPCB4039111

	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	.08	.58	.89	1.55
	SMR	---	---	112.0	64.3
	RATE (COHORT)/100000	.00	.00	465.18	244.54

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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

		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	.02	.08	.03	.14
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
25-29	OBS	0	0	0	0
	EXP	.05	.26	.13	.44
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.04	.27	.32	.64
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	0	0
	EXP	.11	.45	.40	.95
	SMR	---	---	---	---

DSW 147265

STLCOPCB4039112

	RATE (COHORT)/100000	.00	.00	.00	.00
40-44	OBS	0	0	0	0
	EXP	.13	.67	.71	1.52
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
45-49	OBS	0	1	2	3
	EXP	.20	.92	1.02	2.14
	SMR	---	109.1	195.3	140.0
	RATE (COHORT)/100000	.00	510.60	853.99	642.68
50-54	OBS	0	0	1	1
	EXP	.17	1.23	1.38	2.78
	SMR	---	---	72.4	36.0
	RATE (COHORT)/100000	.00	.00	519.45	272.65
55-59	OBS	0	0	0	0
	EXP	.22	1.10	1.89	3.21
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
60-64	OBS	0	1	1	2
	EXP	.22	1.36	1.54	3.11
	SMR	---	73.7	65.0	64.3
	RATE (COHORT)/100000	.00	1366.68	1169.12	1181.29
65-69	OBS	0	0	0	0
	EXP	.04	.90	1.95	2.90
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
70-74	OBS	0	0	3	3
	EXP	.00	.06	1.16	1.22
	SMR	---	---	257.6	244.9
	RATE (COHORT)/100000	---	.00	10299.10	9876.43
75-79	OBS	0	0	0	0
	EXP	.00	.00	.09	.09
	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 147266

STLCOPCB4039113

TOTAL	OBS	0	2	7	9
	EXP	1.21	7.30	10.63	19.15
	SMR	---	27.4 *	65.9	47.0 *
	RATE (COHORT)/100000	.00	139.14	446.58	276.37

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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

		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	---	---	---	---
	RATE (STD)/100000	141.96	119.03	127.91	
20-24	OBS	0	0	0	0
	EXP	.00	.01	.01	.03
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	283.70	228.96	223.38	
25-29	OBS	0	0	0	0
	EXP	.01	.07	.02	.10
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	361.58	283.90	275.63	
30-34	OBS	0	0	0	0
	EXP	.01	.09	.10	.20
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	411.53	349.62	365.25	
35-39	OBS	0	0	0	0
	EXP	.03	.11	.11	.26
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00

DSW 147267

STLCOPCB4039114

	RATE (STD)/100000	554.41	450.33	487.95	
40-44	OBS	0	0	0	0
	EXP	.05	.23	.15	.43
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	773.38	631.95	641.39	
45-49	OBS	0	0	1	1
	EXP	.04	.27	.31	.61
	SMR	---	---	325.1	162.6
	RATE (COHORT)/100000	.00	.00	2817.23	1492.54
	RATE (STD)/100000	1122.31	956.85	866.53	
50-54	OBS	0	0	0	0
	EXP	.02	.18	.36	.57
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	1681.08	1416.28	1309.80	
55-59	OBS	0	0	0	0
	EXP	.02	.10	.23	.36
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	2282.55	2053.89	1827.47	
60-64	OBS	0	0	0	0
	EXP	.06	.20	.14	.39
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	3072.37	2926.71	2703.76	
65-69	OBS	0	0	0	0
	EXP	.00	.26	.26	.51
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	4097.63	3887.07	3880.31	
70-74	OBS	0	0	0	0
	EXP	.00	.00	.36	.36
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	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

STLCOPCB4039115

DSW 147268

	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	1	1
	EXP	.27	1.51	2.06	3.83
	SMR	---	---	48.6	26.1
	RATE (COHORT)/100000	.00	.00	549.74	260.50

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	---	.00
	RATE (STD)/100000	98.50	78.22	73.47	
25-29	OBS	0	0	0	0
	EXP	.00	.01	.01	.02
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	126.62	105.33	102.24	

DSW 147269

STLCOPCB4039116

30-34	OBS	0	0	0	0
	EXP	.01	.01	.02	.04
	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	.01	.05	.02	.07
	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	.01	.05	.07	.13
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	394.72	321.67	301.10	
45-49	OBS	0	0	0	0
	EXP	.00	.02	.06	.09
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	597.58	498.39	446.79	
50-54	OBS	0	0	0	0
	EXP	.00	.02	.03	.05
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	881.23	749.59	703.91	
55-59	OBS	0	0	0	0
	EXP	.00	.00	.03	.03
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	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 147270

STLCOPCB4039117

	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	.02	.17	.24	.43
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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

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	.01	.03
	SMR	---	---	---	---

DSW 147271

STLCOPCB4039118

	RATE (COHORT)/100000	.00	.00	.00	.00
25-29	OBS	0	0	0	0
	EXP	.02	.08	.03	.12
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.02	.10	.12	.24
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	0	0
	EXP	.04	.16	.14	.33
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
40-44	OBS	0	0	0	0
	EXP	.06	.28	.22	.56
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
45-49	OBS	0	0	1	1
	EXP	.04	.29	.37	.70
	SMR	---	---	268.8	142.9
	RATE (COHORT)/100000	.00	.00	2003.07	1168.71
50-54	OBS	0	0	0	0
	EXP	.02	.20	.39	.62
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
55-59	OBS	0	0	0	0
	EXP	.02	.10	.26	.39
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
60-64	OBS	0	0	0	0
	EXP	.06	.20	.14	.39
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
65-69	OBS	0	0	0	0
	EXP	.00	.26	.26	.51
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
70-74	OBS	0	0	0	0
	EXP	.00	.00	.36	.36
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00

DSW 147272

STLCOPCB4039119

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	1	1
	EXP	.29	1.67	2.30	4.26
	SMR	---	---	43.5	23.5
	RATE (COHORT)/100000	.00	.00	389.87	185.29

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	.03	.08	.05	.16
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
25-29	OBS	0	0	0	0
	EXP	.07	.32	.13	.52
	SMR	---	---	---	---

DSW 147273

STLCOPCB4039120

	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.06	.35	.40	.81
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	0	0
	EXP	.14	.53	.49	1.15
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
40-44	OBS	0	0	0	0
	EXP	.17	.87	.80	1.84
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
45-49	OBS	0	1	3	4
	EXP	.23	1.13	1.27	2.63
	SMR	---	88.6	236.0	151.9
	RATE (COHORT)/100000	.00	491.74	1219.20	821.48
50-54	OBS	0	0	1	1
	EXP	.18	1.36	1.65	3.19
	SMR	---	---	60.5	31.3
	RATE (COHORT)/100000	.00	.00	503.27	267.94
55-59	OBS	0	0	0	0
	EXP	.23	1.14	2.04	3.40
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
60-64	OBS	0	1	1	2
	EXP	.25	1.41	1.57	3.22
	SMR	---	71.2	63.8	62.1
	RATE (COHORT)/100000	.00	1515.47	1247.69	1279.49
65-69	OBS	0	0	0	0
	EXP	.04	1.00	1.98	3.03
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
70-74	OBS	0	0	2	2
	EXP	.00	.06	1.31	1.37
	SMR	---	---	152.2	145.5
	RATE (COHORT)/100000	---	.00	7348.50	7026.66
75-79	OBS	0	0	0	0
	EXP	.00	.00	.09	.09
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00

DSW 147274

STLCOPCB4039121

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	7	9
	EXP	1.40	8.23	11.79	21.42
	SMR	---	24.3 *	59.4	42.0 **
	RATE (COHORT)/100000	.00	139.07	456.20	278.51

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	.03	.02	.05
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.01	.03	.04	.07
	SMR	---	---	---	---

DSW 147275

STLCOPCB4039122

	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	0	0
	EXP	.01	.08	.05	.14
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
40-44	OBS	0	0	0	0
	EXP	.01	.08	.13	.23
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
45-49	OBS	0	0	0	0
	EXP	.01	.08	.12	.21
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
50-54	OBS	0	0	0	0
	EXP	.01	.07	.12	.20
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
55-59	OBS	0	0	0	0
	EXP	.02	.07	.11	.20
	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 147276

STLCOPCB4039123

85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
TOTAL	OBS	0	0	1	1
	EXP	.10	.75	1.13	1.98
	SMR	---	---	88.1	50.4
	RATE (COHORT)/100000	.00	.00	345.35	177.07

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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

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	.03	.09	.05	.17
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
25-29	OBS	0	0	0	0
	EXP	.07	.34	.15	.56
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.07	.38	.44	.88
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	0	0
	EXP	.15	.60	.53	1.28
	SMR	---	---	---	---

DSW 147277

STLCOPCB4039124

	RATE (COHORT)/100000	.00	.00	.00	.00
40-44	OBS	0	0	0	0
	EXP	.19	.95	.94	2.07
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
45-49	OBS	0	1	3	4
	EXP	.24	1.20	1.40	2.84
	SMR	---	83.0	214.9	140.7
	RATE (COHORT)/100000	.00	438.74	1055.90	724.17
50-54	OBS	0	0	1	1
	EXP	.20	1.43	1.77	3.40
	SMR	---	---	56.3	29.4
	RATE (COHORT)/100000	.00	.00	445.20	240.53
55-59	OBS	0	0	0	0
	EXP	.25	1.21	2.15	3.60
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
60-64	OBS	0	1	1	2
	EXP	.28	1.55	1.68	3.50
	SMR	---	64.4	59.7	57.1
	RATE (COHORT)/100000	.00	1252.62	1103.85	1092.73
65-69	OBS	0	0	0	0
	EXP	.04	1.16	2.21	3.41
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
70-74	OBS	0	0	3	3
	EXP	.00	.06	1.53	1.59
	SMR	---	---	196.4	188.9
	RATE (COHORT)/100000	---	.00	8396.60	8113.52
75-79	OBS	0	0	0	0
	EXP	.00	.00	.09	.09
	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 147278

STLCOPCB4039125

TOTAL	OBS	0	2	8	10
	EXP	1.50	8.98	12.93	23.40
	SMR	---	22.3 *	61.9	42.7 **
	RATE (COHORT)/100000	.00	119.00	438.60	263.42

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

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 131
PERSON YEARS: 1115.9

****
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	0	2.61	---	.0	141.2	.0	202.8
All Malignant Neoplasms	0	.40	---	.0	919.7	.0	1320.9
Cancer of Large Intestine	0	.03	---	.0	13036.5	.0	18722.5
Cancer of Bronchus, Trachea, Lung	0	.11	---	.0	3405.3	.0	4890.5
Cancer of Breast	0	.00	---	.0	756236.3	.0	1086078.0
Cancer of Prostate (Males only)	0	.00	---	.0	86859.5	.0	124744.3
All Heart Disease	0	.48	---	.0	761.8	.0	1094.1
All External Causes of Death	0	1.12	---	.0	330.0	.0	473.9
Unknown Causes (In All Causes Category Only)	0						

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

DSW 147279

STLCOPCB4039126

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147280

STLCOPCB4039127

SUBGROUP DATA

NUMBER AT RISK: 131
PERSON YEARS: 1115.9

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	2.61	---	.0	141.2	.0	202.8
All Malignant Neoplasms	0	.40	---	.0	919.7	.0	1320.9
Cancer of Large Intestine	0	.03	---	.0	13036.5	.0	18722.5
Cancer of Bronchus, Trachea, Lung	0	.11	---	.0	3405.3	.0	4890.5
Cancer of Breast	0	.00	---	.0	756236.3	.0	1086078.0
Cancer of Prostate (Males only)	0	.00	---	.0	86859.5	.0	124744.3
All Heart Disease	0	.48	---	.0	761.8	.0	1094.1
All External Causes of Death	0	1.12	---	.0	330.0	.0	473.9
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 137
PERSON YEARS: 672.9

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

****

DSW 147281

STLCOPCB4039128

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	2.70	---	.0	136.7	.0	196.4
All Malignant Neoplasms	0	.59	---	.0	623.7	.0	895.7
Cancer of Large Intestine	0	.04	---	.0	8200.0	.0	11776.5
Cancer of Bronchus, Trachea, Lung	0	.21	---	.0	1763.9	.0	2533.2
Cancer of Breast	0	.00	---	.0	504183.4	.0	724088.9
Cancer of Prostate (Males only)	0	.01	---	.0	41583.8	.0	59721.1
All Heart Disease	0	.85	---	.0	434.1	.0	623.4
All External Causes of Death	0	.59	---	.0	622.8	.0	894.4
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 147
PERSON YEARS: 1058.8

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

CONFIDENCE INTERVALS
95% LIMITS 99% LIMITS

DSW 147282

STLCOPCB4039129

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	8	12.28	65.1	28.1	128.4	20.9	151.3
All Malignant Neoplasms	3	3.55	84.6	17.5	247.2	9.5	309.5
Cancer of Large Intestine	1	.30	331.5	8.3	1846.9	1.7	2462.7
Cancer of Bronchus, Trachea, Lung	1	1.42	70.6	1.8	393.3	.4	524.4
Cancer of Breast	0	.00	---	.0	92208.7	.0	132426.6
Cancer of Prostate (Males only)	0	.17	---	.0	2225.1	.0	3195.6
All Heart Disease	4	4.72	84.7	23.1	216.9	14.2	266.8
All External Causes of Death	0	.91	---	.0	404.0	.0	580.2
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 184
PERSON YEARS: 1731.7

****
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	8	14.98	53.4	23.1	105.2	17.2	124.0
All Malignant Neoplasms	3	4.14	72.5	15.0	211.9	8.2	265.3

DSW 147283

STLCOPCB4039130

Cancer of Large Intestine	1	.35	288.4	7.2	1607.2	1.4	2143.1
Cancer of Bronchus, Trachea, Lung	1	1.63	61.5	1.5	342.7	.3	457.0
Cancer of Breast	0	.00	---	.0	77952.2	.0	111952.0
Cancer of Prostate (Males only)	0	.17	---	.0	2112.1	.0	3033.3
All Heart Disease	4	5.57	71.8	19.6	183.8	12.1	226.1
All External Causes of Death	0	1.51	---	.0	245.0	.0	351.9
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 231
PERSON YEARS: 1788.8

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	5.31	--- **	.0	69.5	.0	99.8
All Malignant Neoplasms	0	.99	---	.0	371.7	.0	533.8
Cancer of Large Intestine	0	.07	---	.0	5033.8	.0	7229.3
Cancer of Bronchus, Trachea, Lung	0	.32	---	.0	1162.0	.0	1668.8
Cancer of Breast	0	.00	---	.0	302503.8	.0	434444.4
Cancer of Prostate (Males only)	0	.01	---	.0	28121.0	.0	40386.3

DSW 147284

STLCOPCB4039131

All Heart Disease	0	1.33	---	.0	276.5	.0	397.1
All External Causes of Death	0	1.71	---	.0	215.7	.0	309.8
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 147
PERSON YEARS: 1058.8

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	8	12.28	65.1	28.1	128.4	20.9	151.3
All Malignant Neoplasms	3	3.55	84.6	17.5	247.2	9.5	309.5
Cancer of Large Intestine	1	.30	331.5	8.3	1846.9	1.7	2462.7
Cancer of Bronchus, Trachea, Lung	1	1.42	70.6	1.8	393.3	.4	524.4
Cancer of Breast	0	.00	---	.0	92208.7	.0	132426.6
Cancer of Prostate (Males only)	0	.17	---	.0	2225.1	.0	3195.6
All Heart Disease	4	4.72	84.7	23.1	216.9	14.2	266.8
All External Causes of Death	0	.91	---	.0	404.0	.0	580.2
Unknown Causes (In All Causes Category Only)	0						

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

DSW 147285

STLCOPCB4039132

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: TOTAL
LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA

NUMBER AT RISK: 278
PERSON YEARS: 2847.6

****
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	8	17.59	45.5 *	19.6	89.6	14.6	105.6
All Malignant Neoplasms	3	4.54	66.1	13.6	193.1	7.4	241.8
Cancer of Large Intestine	1	.37	266.7	6.7	1485.9	1.3	1981.4
Cancer of Bronchus, Trachea, Lung	1	1.73	57.7	1.4	321.3	.3	428.4
Cancer of Breast	0	.01	---	.0	70667.8	.0	101490.4
Cancer of Prostate (Males only)	0	.18	---	.0	2062.0	.0	2961.3
All Heart Disease	4	6.06	66.1	18.0	169.1	11.1	208.0
All External Causes of Death	0	2.62	---	.0	140.6	.0	202.0
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147286

STLCOPCB4039133

SUBGROUP DATA

NUMBER AT RISK: 35
PERSON YEARS: 292.4

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	.43	---	.0	854.7	.0	1227.4
All Malignant Neoplasms	0	.17	---	.0	2189.8	.0	3144.9
Cancer of Large Intestine	0	.01	---	.0	36772.3	.0	52811.0
Cancer of Bronchus, Trachea, Lung	0	.03	---	.0	12905.1	.0	18533.8
Cancer of Breast	0	.05	---	.0	7267.9	.0	10437.8
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.06	---	.0	5987.3	.0	8598.7
All External Causes of Death	0	.08	---	.0	4486.6	.0	6443.5
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147287

STLCOPCB4039134

****

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 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 35
PERSON YEARS: 292.4

****
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

STLCOPCB4039135

All Causes of Death	0	.43	---	.0	854.7	.0	1227.4
All Malignant Neoplasms	0	.17	---	.0	2189.8	.0	3144.9
Cancer of Large Intestine	0	.01	---	.0	36772.3	.0	52811.0
Cancer of Bronchus, Trachea, Lung	0	.03	---	.0	12905.1	.0	18533.8
Cancer of Breast	0	.05	---	.0	7267.9	.0	10437.8
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.06	---	.0	5987.3	.0	8598.7
All External Causes of Death	0	.08	---	.0	4486.6	.0	6443.5
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 7
PERSON YEARS: 32.7

****
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	.14	---	.0	2561.9	.0	3679.3
All Malignant Neoplasms	0	.06	---	.0	5996.1	.0	8611.4
Cancer of Large Intestine	0	.00	---	.0	77785.9	.0	111713.1

DSW 147289

STLCOPCB4039136

Cancer of Bronchus, Trachea, Lung	0	.01	---	.0	27859.0	.0	40010.0
Cancer of Breast	0	.02	---	.0	23656.3	.0	33974.2
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.03	---	.0	11071.5	.0	15900.4
All External Causes of Death	0	.01	---	.0	37785.1	.0	54265.5
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147290

STLCOPCB4039137

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 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 14
PERSON YEARS: 116.5

****
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	1	1.12	89.1	2.2	496.4	.4	661.9
All Malignant Neoplasms	0	.42	---	.0	873.6	.0	1254.7
Cancer of Large Intestine	0	.04	---	.0	9435.6	.0	13551.1
Cancer of Bronchus, Trachea, Lung	0	.10	---	.0	3877.7	.0	5569.0
Cancer of Breast	0	.09	---	.0	4190.6	.0	6018.3
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.33	299.9	7.5	1671.2	1.5	2228.5
All External Causes of Death	0	.04	---	.0	9160.4	.0	13155.9

Unknown Causes (In All Causes Category Only) 0

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

DSW 147291

STLCOPCB4039138

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 37
PERSON YEARS: 325.1

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	.58	---	.0	640.9	.0	920.4
All Malignant Neoplasms	0	.23	---	.0	1604.0	.0	2303.6
Cancer of Large Intestine	0	.01	---	.0	24968.7	.0	35859.1
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	8819.6	.0	12666.4
Cancer of Breast	0	.07	---	.0	5559.8	.0	7984.7
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.09	---	.0	3885.9	.0	5580.7
All External Causes of Death	0	.09	---	.0	4010.4	.0	5759.6
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147292

STLCOPCB4039139

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 44
PERSON YEARS: 408.9

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

DSW 147293

STLCOPCB4039140

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	1.55	64.3	1.6	358.5	.3	478.1
All Malignant Neoplasms	0	.59	---	.0	624.5	.0	896.9
Cancer of Large Intestine	0	.05	---	.0	7508.9	.0	10784.0
Cancer of Bronchus, Trachea, Lung	0	.12	---	.0	2981.8	.0	4282.3
Cancer of Breast	0	.14	---	.0	2658.0	.0	3817.3
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.40	253.1	6.3	1410.5	1.3	1880.9
All External Causes of Death	0	.12	---	.0	3011.6	.0	4325.1
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 166
PERSON YEARS: 1408.3

****
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

DSW 147294

STLCOPCB4039141

All Causes of Death	0	3.04	---	.0	121.2	.0	174.0
All Malignant Neoplasms	0	.57	---	.0	647.7	.0	930.2
Cancer of Large Intestine	0	.04	---	.0	9624.5	.0	13822.3
Cancer of Bronchus, Trachea, Lung	0	.14	---	.0	2694.3	.0	3869.5
Cancer of Breast	0	.05	---	.0	7198.7	.0	10338.5
Cancer of Prostate (Males only)	0	.00	---	.0	86859.5	.0	124744.3
All Heart Disease	0	.55	---	.0	675.8	.0	970.6
All External Causes of Death	0	1.20	---	.0	307.4	.0	441.4
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147295

STLCOPCB4039142

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 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 166
PERSON YEARS: 1408.3

****
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	0	3.04	---	.0	121.2	.0	174.0
All Malignant Neoplasms	0	.57	---	.0	647.7	.0	930.2
Cancer of Large Intestine	0	.04	---	.0	9624.5	.0	13822.3
Cancer of Bronchus, Trachea, Lung	0	.14	---	.0	2694.3	.0	3869.5
Cancer of Breast	0	.05	---	.0	7198.7	.0	10338.5
Cancer of Prostate (Males only)	0	.00	---	.0	86859.5	.0	124744.3
All Heart Disease	0	.55	---	.0	675.8	.0	970.6
All External Causes of Death	0	1.20	---	.0	307.4	.0	441.4

DSW 147296

STLCOPCB4039143

Unknown Causes (In All Causes Category Only) 0

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 144
PERSON YEARS: 705.6

****
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	2.84	---	.0	129.8	.0	186.4
All Malignant Neoplasms	0	.65	---	.0	564.9	.0	811.3
Cancer of Large Intestine	0	.05	---	.0	7418.0	.0	10653.5
Cancer of Bronchus, Trachea, Lung	0	.22	---	.0	1658.8	.0	2382.3
Cancer of Breast	0	.02	---	.0	22596.1	.0	32451.6
Cancer of Prostate (Males only)	0	.01	---	.0	41583.8	.0	59721.1
All Heart Disease	0	.88	---	.0	417.7	.0	599.9
All External Causes of Death	0	.60	---	.0	612.7	.0	879.9
Unknown Causes (In All Causes Category Only)	0						

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

DSW 147297

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

STLCOPCB4039144

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 156
PERSON YEARS: 1142.7

****
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	9	13.26	67.9	31.0	128.9	23.6	150.8
All Malignant Neoplasms	3	3.91	76.8	15.8	224.4	8.7	280.9
Cancer of Large Intestine	1	.34	297.6	7.4	1658.1	1.5	2211.0
Cancer of Bronchus, Trachea, Lung	1	1.50	66.7	1.7	371.8	.3	495.8
Cancer of Breast	0	.08	---	.0	4826.2	.0	6931.2
Cancer of Prostate (Males only)	0	.17	---	.0	2225.1	.0	3195.6
All Heart Disease	5	5.02	99.6	32.3	232.4	21.5	281.8
All External Causes of Death	0	.94	---	.0	391.0	.0	561.5
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147298

STLCOPCB4039145

NUMBER AT RISK: 198
PERSON YEARS: 1848.3

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	9	16.10	55.9	25.6	106.1	19.5	124.2
All Malignant Neoplasms	3	4.56	65.8	13.6	192.2	7.4	240.7
Cancer of Large Intestine	1	.39	259.2	6.5	1444.3	1.3	1926.0
Cancer of Bronchus, Trachea, Lung	1	1.72	58.1	1.5	323.7	.3	431.7
Cancer of Breast	0	.09	---	.0	3976.8	.0	5711.3
Cancer of Prostate (Males only)	0	.17	---	.0	2112.1	.0	3033.3
All Heart Disease	5	5.90	84.7	27.5	197.6	18.3	239.6
All External Causes of Death	0	1.55	---	.0	238.7	.0	342.8
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 268
PERSON YEARS: 2113.9

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

DSW 147299

STLCOPCB4039146

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	5.89	--- **	.0	62.7	.0	90.0
All Malignant Neoplasms	0	1.22	---	.0	301.7	.0	433.3
Cancer of Large Intestine	0	.09	---	.0	4189.2	.0	6016.4
Cancer of Bronchus, Trachea, Lung	0	.36	---	.0	1026.7	.0	1474.5
Cancer of Breast	0	.07	---	.0	5459.4	.0	7840.6
Cancer of Prostate (Males only)	0	.01	---	.0	28121.0	.0	40386.3
All Heart Disease	0	1.43	---	.0	258.1	.0	370.7
All External Causes of Death	0	1.80	---	.0	204.7	.0	294.0
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 156
PERSON YEARS: 1142.7

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	9	13.26	67.9	31.0	128.9	23.6	150.8

DSW 147300

STLCOPCB4039147

All Malignant Neoplasms	3	3.91	76.8	15.8	224.4	8.7	280.9
Cancer of Large Intestine	1	.34	297.6	7.4	1658.1	1.5	2211.0
Cancer of Bronchus, Trachea, Lung	1	1.50	66.7	1.7	371.8	.3	495.8
Cancer of Breast	0	.08	---	.0	4826.2	.0	6931.2
Cancer of Prostate (Males only)	0	.17	---	.0	2225.1	.0	3195.6
All Heart Disease	5	5.02	99.6	32.3	232.4	21.5	281.8
All External Causes of Death	0	.94	---	.0	391.0	.0	561.5
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 322
PERSON YEARS: 3256.6

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	9	19.15	47.0 *	21.5	89.2	16.4	104.5
All Malignant Neoplasms	3	5.13	58.5	12.1	170.9	6.6	214.0
Cancer of Large Intestine	1	.42	235.8	5.9	1313.8	1.2	1751.9
Cancer of Bronchus, Trachea, Lung	1	1.86	53.8	1.3	299.9	.3	399.9
Cancer of Breast	0	.14	---	.0	2561.6	.0	3678.9

DSW 147301

STLCOPCB4039148

Cancer of Prostate (Males only)	0	.18	---	.0	2062.0	.0	2961.3
All Heart Disease	5	6.45	77.5	25.2	180.9	16.7	219.4
All External Causes of Death	0	2.75	---	.0	134.3	.0	192.9
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 29
PERSON YEARS: 236.1

****
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	1.40	---	.0	264.4	.0	379.7
All Malignant Neoplasms	0	.21	---	.0	1741.9	.0	2501.7
Cancer of Large Intestine	0	.01	---	.0	29412.8	.0	42241.6
Cancer of Bronchus, Trachea, Lung	0	.07	---	.0	5047.5	.0	7249.1
Cancer of Breast	0	.00	---	.0	1627129.0	.0	2336820.0
Cancer of Prostate (Males only)	0	.00	---	.0	101143.2	.0	145258.0
All Heart Disease	0	.29	---	.0	1268.7	.0	1822.1
All External Causes of Death	0	.41	---	.0	894.9	.0	1285.3
Unknown Causes (In All Causes Category Only)	0						

DSW 147302

STLCOPCB4039149

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

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance

POPULATION SUBGROUP

STLCOPCB4039150

POPULATION SELECTED: MARS 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: 29
PERSON YEARS: 236.1

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	1.40	---	.0	264.4	.0	379.7
All Malignant Neoplasms	0	.21	---	.0	1741.9	.0	2501.7
Cancer of Large Intestine	0	.01	---	.0	29412.8	.0	42241.6
Cancer of Bronchus, Trachea, Lung	0	.07	---	.0	5047.5	.0	7249.1
Cancer of Breast	0	.00	---	.0	1627129.0	.0	2336820.0
Cancer of Prostate (Males only)	0	.00	---	.0	101143.2	.0	145258.0
All Heart Disease	0	.29	---	.0	1268.7	.0	1822.1
All External Causes of Death	0	.41	---	.0	894.9	.0	1285.3
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 16

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

DSW 147304

STLCOPCB4039151

PERSON YEARS: 79.7

****
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	1	.72	139.2	3.5	775.8	.7	1034.5
All Malignant Neoplasms	0	.15	---	.0	2447.3	.0	3514.7
Cancer of Large Intestine	0	.01	---	.0	40778.0	.0	58563.8
Cancer of Bronchus, Trachea, Lung	0	.06	---	.0	6595.6	.0	9472.3
Cancer of Breast	0	.00	---	.0	2793883.0	.0	4012467.0
Cancer of Prostate (Males only)	0	.00	---	.0	83111.1	.0	119361.0
All Heart Disease	0	.19	---	.0	1944.6	.0	2792.7
All External Causes of Death	1	.12	825.4	20.6	4599.1	4.1	6132.6
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 9
PERSON YEARS: 68.1

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

DSW 147305

CONFIDENCE INTERVALS

STLCOPCB4039152

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	1.72	---	.0	215.0	.0	308.7
All Malignant Neoplasms	0	.50	---	.0	745.2	.0	1070.3
Cancer of Large Intestine	0	.03	---	.0	10766.6	.0	15462.6
Cancer of Bronchus, Trachea, Lung	0	.19	---	.0	1987.8	.0	2854.9
Cancer of Breast	0	.00	---	.0	707102.3	.0	1015513.0
Cancer of Prostate (Males only)	0	.05	---	.0	7042.7	.0	10114.4
All Heart Disease	0	.58	---	.0	640.7	.0	920.2
All External Causes of Death	0	.10	---	.0	3681.9	.0	5287.8
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 20
PERSON YEARS: 147.8

****
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	1	2.43	41.1	1.0	228.9	.2	305.2

DSW 147306

STLCOPCB4039153

All Malignant Neoplasms	0	.65	---	.0	571.3	.0	820.4
Cancer of Large Intestine	0	.04	---	.0	8517.7	.0	12232.8
Cancer of Bronchus, Trachea, Lung	0	.24	---	.0	1527.5	.0	2193.7
Cancer of Breast	0	.00	---	.0	564287.2	.0	810407.6
Cancer of Prostate (Males only)	0	.06	---	.0	6492.5	.0	9324.3
All Heart Disease	0	.77	---	.0	481.9	.0	692.1
All External Causes of Death	1	.22	451.8	11.3	2517.3	2.3	3356.7
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 34
PERSON YEARS: 315.7

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	1	2.11	47.3	1.2	263.6	.2	351.6
All Malignant Neoplasms	0	.36	---	.0	1017.6	.0	1461.4
Cancer of Large Intestine	0	.02	---	.0	17087.7	.0	24540.6
Cancer of Bronchus, Trachea, Lung	0	.13	---	.0	2859.3	.0	4106.4
Cancer of Breast	0	.00	---	.0	1028273.0	.0	1476766.0

DSW 147307

STLCOPCB4039154

Cancer of Prostate (Males only)	0	.01	---	.0	45622.4	.0	65521.1
All Heart Disease	0	.48	---	.0	767.8	.0	1102.7
All External Causes of Death	1	.53	187.5	4.7	1044.7	.9	1393.0
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 9
PERSON YEARS: 68.1

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	1.72	---	.0	215.0	.0	308.7
All Malignant Neoplasms	0	.50	---	.0	745.2	.0	1070.3
Cancer of Large Intestine	0	.03	---	.0	10766.6	.0	15462.6
Cancer of Bronchus, Trachea, Lung	0	.19	---	.0	1987.8	.0	2854.9
Cancer of Breast	0	.00	---	.0	707102.3	.0	1015513.0
Cancer of Prostate (Males only)	0	.05	---	.0	7042.7	.0	10114.4
All Heart Disease	0	.58	---	.0	640.7	.0	920.2
All External Causes of Death	0	.10	---	.0	3681.9	.0	5287.8
Unknown Causes (In All Causes Category Only)	0						

DSW 147308

STLCOPCB4039155

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

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 38
PERSON YEARS: 383.9

POPULATION SUBGROUP
RACE: NONWHITE
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	1	3.83	26.1	.7	145.5	.1	194.0
All Malignant Neoplasms	0	.86	---	.0	430.2	.0	617.8
Cancer of Large Intestine	0	.06	---	.0	6604.9	.0	9485.8
Cancer of Bronchus, Trachea, Lung	0	.31	---	.0	1172.6	.0	1684.1
Cancer of Breast	0	.00	---	.0	418983.9	.0	601728.6
Cancer of Prostate (Males only)	0	.06	---	.0	6100.9	.0	8761.8
All Heart Disease	0	1.06	---	.0	349.3	.0	501.6
All External Causes of Death	1	.63	157.8	3.9	879.5	.8	1172.7
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

10:42 5/15

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

POPULATION SUBGROUP
RACE: NONWHITE

DSW 147309

STLCOPCB4039156

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

SUBGROUP DATA

NUMBER AT RISK: 16
PERSON YEARS: 131.8

SEX: FEMALE
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	0	.34	---	.0	1096.9	.0	1575.3
All Malignant Neoplasms	0	.08	---	.0	4358.8	.0	6259.9
Cancer of Large Intestine	0	.01	---	.0	70965.6	.0	101918.1
Cancer of Bronchus, Trachea, Lung	0	.01	---	.0	31775.0	.0	45634.1
Cancer of Breast	0	.03	---	.0	14654.0	.0	21045.6
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.06	---	.0	5882.9	.0	8448.8
All External Causes of Death	0	.05	---	.0	7171.5	.0	10299.5
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147310

STLCOPCB4039157

****
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 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 16
PERSON YEARS: 131.8

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

DSW 147311

CONFIDENCE INTERVALS

95% LIMITS 99% LIMITS

STLCOPCB4039158

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	.34	---	.0	1096.9	.0	1575.3
All Malignant Neoplasms	0	.08	---	.0	4358.8	.0	6259.9
Cancer of Large Intestine	0	.01	---	.0	70965.6	.0	101918.1
Cancer of Bronchus, Trachea, Lung	0	.01	---	.0	31775.0	.0	45634.1
Cancer of Breast	0	.03	---	.0	14654.0	.0	21045.6
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.06	---	.0	5882.9	.0	8448.8
All External Causes of Death	0	.05	---	.0	7171.5	.0	10299.5
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 7
PERSON YEARS: 24.0

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	.09	---	.0	3941.6	.0	5660.7
All Malignant Neoplasms	0	.03	---	.0	12728.8	.0	18280.6

DSW 147312

STLCOPCB4039159

Cancer of Large Intestine	0	.00	---	.0	189790.0	.0	272569.0
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	81460.1	.0	116989.9
Cancer of Breast	0	.01	---	.0	41034.7	.0	58932.4
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.02	---	.0	18190.7	.0	26124.8
All External Causes of Death	0	.01	---	.0	45943.5	.0	65982.3

Unknown Causes (In All Causes Category Only) 0

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147313

STLCOPCB4039160

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 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 7
PERSON YEARS: 24.0

****
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	.09	---	.0	3941.6	.0	5660.7
All Malignant Neoplasms	0	.03	---	.0	12728.8	.0	18280.6
Cancer of Large Intestine	0	.00	---	.0	189790.0	.0	272569.0
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	81460.1	.0	116989.9
Cancer of Breast	0	.01	---	.0	41034.7	.0	58932.4
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.02	---	.0	18190.7	.0	26124.8
All External Causes of Death	0	.01	---	.0	45943.5	.0	65982.3
Unknown Causes (In All Causes Category Only)	0						

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

DSW 147314

STLCOPCB4039161

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 16
PERSON YEARS: 155.8

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	.43	---	.0	858.1	.0	1232.3
All Malignant Neoplasms	0	.11	---	.0	3246.9	.0	4663.1
Cancer of Large Intestine	0	.01	---	.0	51652.0	.0	74180.7
Cancer of Bronchus, Trachea, Lung	0	.02	---	.0	22858.6	.0	32828.6
Cancer of Breast	0	.03	---	.0	10797.9	.0	15507.6
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.08	---	.0	4445.3	.0	6384.2
All External Causes of Death	0	.06	---	.0	6203.2	.0	8908.9
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147315

STLCOPCB4039162

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 16
PERSON YEARS: 155.8

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

DSW 147316

STLCOPCB4039163

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	.43	---	.0	858.1	.0	1232.3
All Malignant Neoplasms	0	.11	---	.0	3246.9	.0	4663.1
Cancer of Large Intestine	0	.01	---	.0	51652.0	.0	74180.7
Cancer of Bronchus, Trachea, Lung	0	.02	---	.0	22858.6	.0	32828.6
Cancer of Breast	0	.03	---	.0	10797.9	.0	15507.6
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.08	---	.0	4445.3	.0	6384.2
All External Causes of Death	0	.06	---	.0	6203.2	.0	8908.9
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 45
PERSON YEARS: 367.9

****
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

DSW 147317

STLCOPCB4039164

All Causes of Death	0	1.73	---	.0	213.0	.0	306.0
All Malignant Neoplasms	0	.30	---	.0	1244.6	.0	1787.4
Cancer of Large Intestine	0	.02	---	.0	20794.3	.0	29864.0
Cancer of Bronchus, Trachea, Lung	0	.08	---	.0	4355.6	.0	6255.4
Cancer of Breast	0	.03	---	.0	14523.2	.0	20857.7
Cancer of Prostate (Males only)	0	.00	---	.0	101143.2	.0	145258.0
All Heart Disease	0	.35	---	.0	1043.6	.0	1498.8
All External Causes of Death	0	.46	---	.0	795.6	.0	1142.7
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147318

STLCOPCB4039165

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 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 45
PERSON YEARS: 367.9

****
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	0	1.73	---	.0	213.0	.0	306.0
All Malignant Neoplasms	0	.30	---	.0	1244.6	.0	1787.4
Cancer of Large Intestine	0	.02	---	.0	20794.3	.0	29864.0
Cancer of Bronchus, Trachea, Lung	0	.08	---	.0	4355.6	.0	6255.4
Cancer of Breast	0	.03	---	.0	14523.2	.0	20857.7
Cancer of Prostate (Males only)	0	.00	---	.0	101143.2	.0	145258.0
All Heart Disease	0	.35	---	.0	1043.6	.0	1498.8
All External Causes of Death	0	.46	---	.0	795.6	.0	1142.7

DSW 147319

STLCOPCB4039166

Unknown Causes (In All Causes Category Only) 0

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 23
PERSON YEARS: 103.7

****
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	1	.81	123.2	3.1	686.3	.6	915.2
All Malignant Neoplasms	0	.18	---	.0	2052.6	.0	2947.9
Cancer of Large Intestine	0	.01	---	.0	33566.0	.0	48206.2
Cancer of Bronchus, Trachea, Lung	0	.06	---	.0	6101.5	.0	8762.8
Cancer of Breast	0	.01	---	.0	40440.7	.0	58079.4
Cancer of Prostate (Males only)	0	.00	---	.0	83111.1	.0	119361.0
All Heart Disease	0	.21	---	.0	1756.8	.0	2523.0
All External Causes of Death	1	.13	774.1	19.4	4313.2	3.9	5751.5

Unknown Causes (In All Causes Category Only) 0

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

DSW 147320

STLCOPCB4039167

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 68.1

****
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	1.72	---	.0	215.0	.0	308.7
All Malignant Neoplasms	0	.50	---	.0	745.2	.0	1070.3
Cancer of Large Intestine	0	.03	---	.0	10766.6	.0	15462.6
Cancer of Bronchus, Trachea, Lung	0	.19	---	.0	1987.8	.0	2854.9
Cancer of Breast	0	.00	---	.0	707102.3	.0	1015513.0
Cancer of Prostate (Males only)	0	.05	---	.0	7042.7	.0	10114.4
All Heart Disease	0	.58	---	.0	640.7	.0	920.2
All External Causes of Death	0	.10	---	.0	3681.9	.0	5287.8
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147321

STLCOPCB4039168

NUMBER AT RISK: 27
PERSON YEARS: 171.8

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	2.53	39.6	1.0	220.4	.2	293.9
All Malignant Neoplasms	0	.67	---	.0	546.7	.0	785.2
Cancer of Large Intestine	0	.05	---	.0	8151.8	.0	11707.3
Cancer of Bronchus, Trachea, Lung	0	.25	---	.0	1499.4	.0	2153.3
Cancer of Breast	0	.01	---	.0	38252.9	.0	54937.4
Cancer of Prostate (Males only)	0	.06	---	.0	6492.5	.0	9324.3
All Heart Disease	0	.79	---	.0	469.5	.0	674.3
All External Causes of Death	1	.23	436.0	10.9	2429.2	2.2	3239.2
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 50
PERSON YEARS: 471.6

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

DSW 147322

STLCOPCB4039169

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	2.54	39.3	1.0	219.1	.2	292.1
All Malignant Neoplasms	0	.48	---	.0	774.8	.0	1112.7
Cancer of Large Intestine	0	.03	---	.0	12839.9	.0	18440.2
Cancer of Bronchus, Trachea, Lung	0	.15	---	.0	2541.4	.0	3649.9
Cancer of Breast	0	.03	---	.0	10685.7	.0	15346.4
Cancer of Prostate (Males only)	0	.01	---	.0	45622.4	.0	65521.1
All Heart Disease	0	.56	---	.0	654.7	.0	940.3
All External Causes of Death	1	.59	168.7	4.2	939.9	.8	1253.3
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 9
PERSON YEARS: 68.1

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	1.72	---	.0	215.0	.0	308.7

DSW 147323

STLCOPCB4039170

All Malignant Neoplasms	0	.50	---	.0	745.2	.0	1070.3
Cancer of Large Intestine	0	.03	---	.0	10766.6	.0	15462.6
Cancer of Bronchus, Trachea, Lung	0	.19	---	.0	1987.8	.0	2854.9
Cancer of Breast	0	.00	---	.0	707102.3	.0	1015513.0
Cancer of Prostate (Males only)	0	.05	---	.0	7042.7	.0	10114.4
All Heart Disease	0	.58	---	.0	640.7	.0	920.2
All External Causes of Death	0	.10	---	.0	3681.9	.0	5287.8
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 54
PERSON YEARS: 539.7

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	1	4.26	23.5	.6	130.8	.1	174.4
All Malignant Neoplasms	0	.97	---	.0	379.9	.0	545.5
Cancer of Large Intestine	0	.06	---	.0	5856.1	.0	8410.3
Cancer of Bronchus, Trachea, Lung	0	.33	---	.0	1115.4	.0	1601.9
Cancer of Breast	0	.04	---	.0	10526.7	.0	15118.0

DSW 147324

STLCOPCB4039171

Cancer of Prostate (Males only)	0	.06	---	.0	6100.9	.0	8761.8
All Heart Disease	0	1.14	---	.0	323.8	.0	465.1
All External Causes of Death	1	.69	144.3	3.6	804.0	.7	1072.1
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 160
PERSON YEARS: 1351.9

****
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	0	4.01	--- *	.0	92.0	.0	132.2
All Malignant Neoplasms	0	.61	---	.0	601.9	.0	864.4
Cancer of Large Intestine	0	.04	---	.0	9032.9	.0	12972.7
Cancer of Bronchus, Trachea, Lung	0	.18	---	.0	2033.4	.0	2920.3
Cancer of Breast	0	.00	---	.0	516284.2	.0	741467.6
Cancer of Prostate (Males only)	0	.01	---	.0	46729.4	.0	67110.9
All Heart Disease	0	.78	---	.0	476.0	.0	683.6
All External Causes of Death	0	1.53	---	.0	241.1	.0	346.2
Unknown Causes (In All Causes Category Only)	0						

DSW 147325

STLCOPCB4039172

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

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance

POPULATION SUBGROUP

DSW 147326

STLCOPCB4039173

POPULATION SELECTED: MARS 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: 160
PERSON YEARS: 1351.9

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	4.01	--- *	.0	92.0	.0	132.2
All Malignant Neoplasms	0	.61	---	.0	601.9	.0	864.4
Cancer of Large Intestine	0	.04	---	.0	9032.9	.0	12972.7
Cancer of Bronchus, Trachea, Lung	0	.18	---	.0	2033.4	.0	2920.3
Cancer of Breast	0	.00	---	.0	516284.2	.0	741467.6
Cancer of Prostate (Males only)	0	.01	---	.0	46729.4	.0	67110.9
All Heart Disease	0	.78	---	.0	476.0	.0	683.6
All External Causes of Death	0	1.53	---	.0	241.1	.0	346.2
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 153

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

DSW 147327

STLCOPCB4039174

PERSON YEARS: 752.6

****
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	3.42	29.3	.7	163.1	.1	217.5
All Malignant Neoplasms	0	.74	---	.0	497.0	.0	713.8
Cancer of Large Intestine	0	.05	---	.0	6827.1	.0	9804.9
Cancer of Bronchus, Trachea, Lung	0	.27	---	.0	1391.7	.0	1998.7
Cancer of Breast	0	.00	---	.0	427107.7	.0	613395.7
Cancer of Prostate (Males only)	0	.01	---	.0	27716.3	.0	39805.1
All Heart Disease	0	1.04	---	.0	354.8	.0	509.6
All External Causes of Death	1	.71	140.1	3.5	780.9	.7	1041.3
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 156
PERSON YEARS: 1126.9

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

CONFIDENCE INTERVALS

DSW 147328

STLCOPCB4039175

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	8	14.00	57.2	24.7	112.6	18.4	132.7
All Malignant Neoplasms	3	4.04	74.2	15.3	216.9	8.4	271.6
Cancer of Large Intestine	1	.34	297.7	7.4	1658.5	1.5	2211.6
Cancer of Bronchus, Trachea, Lung	1	1.60	62.4	1.6	347.7	.3	463.7
Cancer of Breast	0	.00	---	.0	81571.5	.0	117149.8
Cancer of Prostate (Males only)	0	.22	---	.0	1690.9	.0	2428.4
All Heart Disease	4	5.30	75.5	20.6	193.4	12.7	237.8
All External Causes of Death	0	1.01	---	.0	364.1	.0	522.9
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

SUBGROUP DATA
NUMBER AT RISK: 204
PERSON YEARS: 1879.6

****
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	9	17.41	51.7 *	23.6	98.1	18.0	114.8

DSW 147329

STLCOPCB4039176

All Malignant Neoplasms	3	4.78	62.7	12.9	183.3	7.1	229.5
Cancer of Large Intestine	1	.39	256.4	6.4	1428.7	1.3	1905.1
Cancer of Bronchus, Trachea, Lung	1	1.87	53.5	1.3	298.4	.3	397.9
Cancer of Breast	0	.01	---	.0	68490.7	.0	98363.7
Cancer of Prostate (Males only)	0	.23	---	.0	1593.7	.0	2288.8
All Heart Disease	4	6.34	63.1	17.2	161.6	10.6	198.8
All External Causes of Death	1	1.73	57.9	1.4	322.7	.3	430.3
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 265
PERSON YEARS: 2104.6

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	1	7.42	13.5 *	.3	75.1	.1	100.1
All Malignant Neoplasms	0	1.36	---	.0	272.2	.0	391.0
Cancer of Large Intestine	0	.09	---	.0	3888.3	.0	5584.3
Cancer of Bronchus, Trachea, Lung	0	.45	---	.0	826.2	.0	1186.6
Cancer of Breast	0	.00	---	.0	233740.6	.0	335689.3

DSW 147330

STLCOPCB4039177

Cancer of Prostate (Males only)	0	.02	---	.0	17397.4	.0	24985.5
All Heart Disease	0	1.81	---	.0	203.3	.0	292.0
All External Causes of Death	1	2.24	44.6	1.1	248.3	.2	331.2
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 156
PERSON YEARS: 1126.9

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	8	14.00	57.2	24.7	112.6	18.4	132.7
All Malignant Neoplasms	3	4.04	74.2	15.3	216.9	8.4	271.6
Cancer of Large Intestine	1	.34	297.7	7.4	1658.5	1.5	2211.6
Cancer of Bronchus, Trachea, Lung	1	1.60	62.4	1.6	347.7	.3	463.7
Cancer of Breast	0	.00	---	.0	81571.5	.0	117149.8
Cancer of Prostate (Males only)	0	.22	---	.0	1690.9	.0	2428.4
All Heart Disease	4	5.30	75.5	20.6	193.4	12.7	237.8
All External Causes of Death	0	1.01	---	.0	364.1	.0	522.9
Unknown Causes (In All Causes Category Only)	0						

DSW 147331

STLCOPCB4039178

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 316
PERSON YEARS: 3231.5

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	9	21.42	42.0 **	19.2	79.8	14.6	93.4
All Malignant Neoplasms	3	5.40	55.6	11.5	162.5	6.3	203.4
Cancer of Large Intestine	1	.43	232.1	5.8	1293.3	1.2	1724.6
Cancer of Bronchus, Trachea, Lung	1	2.05	48.8	1.2	272.0	.2	362.6
Cancer of Breast	0	.01	---	.0	60468.9	.0	86843.1
Cancer of Prostate (Males only)	0	.24	---	.0	1541.1	.0	2213.3
All Heart Disease	4	7.11	56.2	15.3	144.0	9.4	177.1
All External Causes of Death	1	3.26	30.7	.8	171.1	.2	228.1
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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

POPULATION SUBGROUP
RACE: TOTAL

DSW 147332

STLCOPCB4039179

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: 51
PERSON YEARS: 424.2

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	.77	---	.0	480.4	.0	689.9
All Malignant Neoplasms	0	.25	---	.0	1457.5	.0	2093.3
Cancer of Large Intestine	0	.02	---	.0	24221.5	.0	34785.9
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	9177.7	.0	13180.6
Cancer of Breast	0	.08	---	.0	4858.3	.0	6977.3
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.12	---	.0	2967.3	.0	4261.5
All External Causes of Death	0	.13	---	.0	2760.0	.0	3963.7
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147333

STLCOPCB4039180

****
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 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 51
PERSON YEARS: 424.2

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

CONFIDENCE INTERVALS
95% LIMITS 99% LIMITS

DSW 147334

STLCOPCB4039181

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER 95%	UPPER 95%	LOWER 99%	UPPER 99%
All Causes of Death	0	.77	---	.0	480.4	.0	689.9
All Malignant Neoplasms	0	.25	---	.0	1457.5	.0	2093.3
Cancer of Large Intestine	0	.02	---	.0	24221.5	.0	34785.9
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	9177.7	.0	13180.6
Cancer of Breast	0	.08	---	.0	4858.3	.0	6977.3
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.12	---	.0	2967.3	.0	4261.5
All External Causes of Death	0	.13	---	.0	2760.0	.0	3963.7
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 14
PERSON YEARS: 56.7

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	.24	---	.0	1552.7	.0	2229.9
All Malignant Neoplasms	0	.09	---	.0	4076.0	.0	5853.9

DSW 147335

STLCOPCB4039182

Cancer of Large Intestine	0	.01	---	.0	55173.1	.0	79237.4
Cancer of Bronchus, Trachea, Lung	0	.02	---	.0	20759.4	.0	29813.8
Cancer of Breast	0	.02	---	.0	15005.6	.0	21550.5
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.05	---	.0	6882.5	.0	9884.4
All External Causes of Death	0	.02	---	.0	20733.4	.0	29776.5
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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 147336

STLCOPCB4039183

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 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 21
PERSON YEARS: 140.5

****
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	1.22	82.2	2.1	458.2	.4	611.0
All Malignant Neoplasms	0	.45	---	.0	817.5	.0	1174.1
Cancer of Large Intestine	0	.04	---	.0	8988.7	.0	12909.3
Cancer of Bronchus, Trachea, Lung	0	.10	---	.0	3701.5	.0	5316.0
Cancer of Breast	0	.10	---	.0	3802.3	.0	5460.7
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.35	282.7	7.1	1575.4	1.4	2100.7
All External Causes of Death	0	.05	---	.0	7637.6	.0	10968.8
Unknown Causes (In All Causes Category Only)	0						

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

DSW 147337

STLCOPCB4039184

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 480.9

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	1.01	---	.0	366.9	.0	526.9
All Malignant Neoplasms	0	.34	---	.0	1073.6	.0	1541.9
Cancer of Large Intestine	0	.02	---	.0	16832.0	.0	24173.5
Cancer of Bronchus, Trachea, Lung	0	.06	---	.0	6364.1	.0	9139.9
Cancer of Breast	0	.10	---	.0	3670.1	.0	5270.8
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.18	---	.0	2073.4	.0	2977.7
All External Causes of Death	0	.15	---	.0	2435.7	.0	3498.1
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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

DSW 147338

STLCOPCB4039185

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 60
PERSON YEARS: 564.7

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

DSW 147339

STLCOPCB4039186

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	1.98	50.4	1.3	280.8	.3	374.5
All Malignant Neoplasms	0	.70	---	.0	523.8	.0	752.2
Cancer of Large Intestine	0	.06	---	.0	6555.8	.0	9415.2
Cancer of Bronchus, Trachea, Lung	0	.14	---	.0	2637.7	.0	3788.2
Cancer of Breast	0	.17	---	.0	2133.0	.0	3063.3
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.48	209.2	5.2	1165.7	1.0	1554.3
All External Causes of Death	0	.18	---	.0	2027.3	.0	2911.6
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 211
PERSON YEARS: 1776.1

****
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

STLCOPCB4039187

All Causes of Death	0	4.78	--- *	.0	77.2	.0	110.9
All Malignant Neoplasms	0	.87	---	.0	426.0	.0	611.8
Cancer of Large Intestine	0	.06	---	.0	6579.3	.0	9448.9
Cancer of Bronchus, Trachea, Lung	0	.22	---	.0	1664.6	.0	2390.7
Cancer of Breast	0	.08	---	.0	4813.0	.0	6912.3
Cancer of Prostate (Males only)	0	.01	---	.0	46729.4	.0	67110.9
All Heart Disease	0	.90	---	.0	410.2	.0	589.1
All External Causes of Death	0	1.66	---	.0	221.7	.0	318.4
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 0
PERSON YEARS: .0

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
****

				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 147341

STLCOPCB4039188

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 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 211
PERSON YEARS: 1776.1

****
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	4.78	--- *	.0	77.2	.0	110.9
All Malignant Neoplasms	0	.87	---	.0	426.0	.0	611.8
Cancer of Large Intestine	0	.06	---	.0	6579.3	.0	9448.9
Cancer of Bronchus, Trachea, Lung	0	.22	---	.0	1664.6	.0	2390.7
Cancer of Breast	0	.08	---	.0	4813.0	.0	6912.3
Cancer of Prostate (Males only)	0	.01	---	.0	46729.4	.0	67110.9
All Heart Disease	0	.90	---	.0	410.2	.0	589.1
All External Causes of Death	0	1.66	---	.0	221.7	.0	318.4

DSW 147342

STLCOPCB4039189

Unknown Causes (In All Causes Category Only) 0

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 167
PERSON YEARS: 809.3

****
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	1	3.65	27.4	.7	152.5	.1	203.3
All Malignant Neoplasms	0	.83	---	.0	443.0	.0	636.2
Cancer of Large Intestine	0	.06	---	.0	6075.4	.0	8725.2
Cancer of Bronchus, Trachea, Lung	0	.28	---	.0	1304.2	.0	1873.1
Cancer of Breast	0	.03	---	.0	14496.3	.0	20819.1
Cancer of Prostate (Males only)	0	.01	---	.0	27716.3	.0	39805.1
All Heart Disease	0	1.09	---	.0	337.4	.0	484.6
All External Causes of Death	1	.73	136.7	3.4	761.9	.7	1016.0
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

STLCOPCB4039190

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 165
PERSON YEARS: 1210.8

****
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	9	14.97	60.1	27.5	114.1	20.9	133.5
All Malignant Neoplasms	3	4.40	68.1	14.1	199.1	7.7	249.3
Cancer of Large Intestine	1	.37	270.0	6.8	1504.7	1.4	2006.4
Cancer of Bronchus, Trachea, Lung	1	1.68	59.4	1.5	330.8	.3	441.1
Cancer of Breast	0	.08	---	.0	4793.5	.0	6884.2
Cancer of Prostate (Males only)	0	.22	---	.0	1690.9	.0	2428.4
All Heart Disease	5	5.60	89.3	29.0	208.5	19.3	252.8
All External Causes of Death	0	1.04	---	.0	353.4	.0	507.6
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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

SUBGROUP DATA

DSW 147344

STLCOPCB4039191

NUMBER AT RISK: 225
PERSON YEARS: 2020.1

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	10	18.63	53.7 *	25.7	98.7	20.0	114.9
All Malignant Neoplasms	3	5.24	57.3	11.8	167.5	6.5	209.7
Cancer of Large Intestine	1	.43	232.0	5.8	1292.7	1.2	1723.8
Cancer of Bronchus, Trachea, Lung	1	1.97	50.8	1.3	283.3	.3	377.7
Cancer of Breast	0	.10	---	.0	3602.3	.0	5173.5
Cancer of Prostate (Males only)	0	.23	---	.0	1593.7	.0	2288.8
All Heart Disease	5	6.69	74.7	24.3	174.4	16.1	211.5
All External Causes of Death	1	1.78	56.3	1.4	313.9	.3	418.6
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 318
PERSON YEARS: 2585.4

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

DSW 147345

STLCOPCB4039192

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	8.43	11.9 **	.3	66.1	.1	88.1
All Malignant Neoplasms	0	1.70	---	.0	217.2	.0	311.9
Cancer of Large Intestine	0	.12	---	.0	3158.7	.0	4536.3
Cancer of Bronchus, Trachea, Lung	0	.50	---	.0	731.3	.0	1050.2
Cancer of Breast	0	.10	---	.0	3613.3	.0	5189.3
Cancer of Prostate (Males only)	0	.02	---	.0	17397.4	.0	24985.5
All Heart Disease	0	1.99	---	.0	185.1	.0	265.9
All External Causes of Death	1	2.40	41.8	1.0	232.6	.2	310.2
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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 165
PERSON YEARS: 1210.8

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	9	14.97	60.1	27.5	114.1	20.9	133.5

DSW 147346

STLCOPCB4039193

All Malignant Neoplasms	3	4.40	68.1	14.1	199.1	7.7	249.3
Cancer of Large Intestine	1	.37	270.0	6.8	1504.7	1.4	2006.4
Cancer of Bronchus, Trachea, Lung	1	1.68	59.4	1.5	330.8	.3	441.1
Cancer of Breast	0	.08	---	.0	4793.5	.0	6884.2
Cancer of Prostate (Males only)	0	.22	---	.0	1690.9	.0	2428.4
All Heart Disease	5	5.60	89.3	29.0	208.5	19.3	252.8
All External Causes of Death	0	1.04	---	.0	353.4	.0	507.6
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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: 376
PERSON YEARS: 3796.3

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	10	23.40	42.7 **	20.5	78.6	15.9	91.4
All Malignant Neoplasms	3	6.10	49.2	10.1	143.7	5.5	179.9
Cancer of Large Intestine	1	.49	205.3	5.1	1143.9	1.0	1525.3
Cancer of Bronchus, Trachea, Lung	1	2.19	45.7	1.1	254.6	.2	339.5
Cancer of Breast	0	.18	---	.0	2060.3	.0	2958.9

DSW 147347

STLCOPCB4039194

Cancer of Prostate (Males only)	0	.24	---	.0	1541.1	.0	2213.3
All Heart Disease	5	7.59	65.9	21.4	153.7	14.2	186.4
All External Causes of Death	1	3.44	29.1	.7	162.0	.1	216.1
Unknown Causes (In All Causes Category Only)	0						

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	2.61	2.70	5.31	
	SMR (SIG)	---	---	---	**
	AT RISK	131	137	231	
	PERSON YRS	1115.9	672.9	1788.8	
20+	OBS	0	8	8	
	EXP	.00	12.28	12.28	
	SMR (SIG)	---	65.1	65.1	
	AT RISK	0	147	147	
	PERSON YRS	.0	1058.8	1058.8	
TOTAL	OBS	0	8	8	
	EXP	2.61	14.98	17.59	
	SMR (SIG)	---	53.4	45.5	*
	AT RISK	131	184	278	
	PERSON YRS	1115.9	1731.7	2847.6	

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

DSW 147348

STLCOPCB4039195

	INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
MINIMUM	21.69589	16.72827
MAXIMUM	48.45480	40.06845
MEAN	31.80069	27.69952

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	.43	.14	.58
	SMR (SIG)	---	---	---
	AT RISK	35	7	37
	PERSON YRS	292.4	32.7	325.1
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	.43	1.12	1.55
	SMR (SIG)	---	89.1	64.3
	AT RISK	35	14	44
	PERSON YRS	292.4	116.5	408.9

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

	INTERVAL FROM ONSET	CUMULATIVE

DSW 147349

STLCOPCB4039196

	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 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	3.04	2.84	5.89	
	SMR (SIG)	---	---	---	**
	AT RISK	166	144	268	
	PERSON YRS	1408.3	705.6	2113.9	
20+	OBS	0	9	9	
	EXP	.00	13.26	13.26	
	SMR (SIG)	---	67.9	67.9	
	AT RISK	0	156	156	
	PERSON YRS	.0	1142.7	1142.7	
TOTAL	OBS	0	9	9	
	EXP	3.04	16.10	19.15	
	SMR (SIG)	---	55.9	47.0	*
	AT RISK	166	198	322	
	PERSON YRS	1408.3	1848.3	3256.6	

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

INTERVAL FROM ONSET OF EXPOSURE	CUMULATIVE EXPOSURE

DSW 147350

STLCOPCB4039197

	(DECEDENTS ONLY)	(DECEDENTS ONLY)
MINIMUM	21.69589	16.72827
MAXIMUM	48.45480	40.06845
MEAN	33.35403	28.76264

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	1	1
	EXP	1.40	.72	2.11
	SMR (SIG)	---	139.2	47.3
	AT RISK	29	16	34
	PERSON YRS	236.1	79.7	315.7
20+	OBS	0	0	0
	EXP	.00	1.72	1.72
	SMR (SIG)	---	---	---
	AT RISK	0	9	9
	PERSON YRS	.0	68.1	68.1
TOTAL	OBS	0	1	1
	EXP	1.40	2.43	3.83
	SMR (SIG)	---	41.1	26.1
	AT RISK	29	20	38
	PERSON YRS	236.1	147.8	383.9

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

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

DSW 147351

STLCOPCB4039198

MINIMUM	13.89589	12.75017
MAXIMUM	13.89589	12.75017
MEAN	13.89589	12.75017

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	.34	.09	.43
	SMR (SIG)	---	---	---
	AT RISK	16	7	16
	PERSON YRS	131.8	24.0	155.8
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	.34	.09	.43
	SMR (SIG)	---	---	---
	AT RISK	16	7	16
	PERSON YRS	131.8	24.0	155.8

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

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

DSW 147352

STLCOPCB4039199

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

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	1	1
	EXP	1.73	.81	2.54
	SMR (SIG)	---	123.2	39.3
	AT RISK	45	23	50
	PERSON YRS	367.9	103.7	471.6
20+	OBS	0	0	0
	EXP	.00	1.72	1.72
	SMR (SIG)	---	---	---
	AT RISK	0	9	9
	PERSON YRS	.0	68.1	68.1
TOTAL	OBS	0	1	1
	EXP	1.73	2.53	4.26
	SMR (SIG)	---	39.6	23.5
	AT RISK	45	27	54
	PERSON YRS	367.9	171.8	539.7

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

	INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
MINIMUM	13.89589	12.75017

DSW 147353

STLCOPCB4039200

MAXIMUM	13.89589	12.75017
MEAN	13.89589	12.75017

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	1	1
	EXP	4.01	3.42	7.42
	SMR (SIG)	--- *	29.3	13.5 *
	AT RISK	160	153	265
	PERSON YRS	1351.9	752.6	2104.6
20+	OBS	0	8	8
	EXP	.00	14.00	14.00
	SMR (SIG)	---	57.2	57.2
	AT RISK	0	156	156
	PERSON YRS	.0	1126.9	1126.9
TOTAL	OBS	0	9	9
	EXP	4.01	17.41	21.42
	SMR (SIG)	--- *	51.7 *	42.0 **
	AT RISK	160	204	316
	PERSON YRS	1351.9	1879.6	3231.5

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

	INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
MINIMUM	13.89589	12.75017
MAXIMUM	48.45480	40.06845

DSW 147354

STLCOPCB4039201

MEAN 29.81126 26.03848

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM 10:42 5/15
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	.77	.24	1.01
	SMR (SIG)	---	---	---
	AT RISK	51	14	53
	PERSON YRS	424.2	56.7	480.9
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	.77	1.22	1.98
	SMR (SIG)	---	82.2	50.4
	AT RISK	51	21	60
	PERSON YRS	424.2	140.5	564.7

* 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 147355

STLCOPCB4039202

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

10:42 5/15

PROJECT TITLE: Monsanto Mortality Sureveillance
POPULATION SELECTED: MARS 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	CUMULATIVE-EXPOSURE 10+	CUMULATIVE-EXPOSURE TOTAL
<20	OBS	0	1	1
	EXP	4.78	3.65	8.43
	SMR (SIG)	--- *	27.4	11.9 **
	AT RISK	211	167	318
	PERSON YRS	1776.1	809.3	2585.4
20+	OBS	0	9	9
	EXP	.00	14.97	14.97
	SMR (SIG)	---	60.1	60.1
	AT RISK	0	165	165
	PERSON YRS	.0	1210.8	1210.8
TOTAL	OBS	0	10	10
	EXP	4.78	18.63	23.40
	SMR (SIG)	--- *	53.7 *	42.7 **
	AT RISK	211	225	376
	PERSON YRS	1776.1	2020.1	3796.3

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

	INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
MINIMUM	13.89589	12.75017
MAXIMUM	48.45480	40.06845
MEAN	31.40822	27.16140

DSW 147356

STLCOPCB4039203