

13:3512/05

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM

MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

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* Program Control Information *

I. TITLES:

- A. PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
- B. POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
- C. EXPECTED NUMBERS BASED ON: United States Population 1980-1994
- D. CUMULATIVE EXPOSURE UNITS: Years Worked

II. END OF STUDY DATE: 12/31/1994

III. PARAMETER DEFINITIONS:

DSW 146982

STLCOPCB4038829

PARAMETER NAME	VALUE	DEFINITION
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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
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	10	MAXIMUM NO. OF SUBGROUPS IN ANY ONE CAUSE OF DEATH CATEGORY
S2	10	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	(80-84) (85-89) (90-94)
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:

DSW 146983

STLCOPCB4038830

INPUT DEVICE: DISK
 LOGICAL UNIT NUMBER: 2
 FILE NAME(S): US5094.wm US5094.WF US5094.NWM US5094.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
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	(80-84) (85-89) (90-94)
C. RACE AND SEX	4	(WHITE MALE) (WHITE FEMALE) (NONWHITE MALE) (NONWHITE FEMALE)

DSW 146984

STLCOPCB4038831

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

B. Time Period

PERSON YEARS	DEATH RATES
(80-84)	(80-84)
(85-89)	(85-89)
(90-94)	(90-94)

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)

DSW 146985

STLCOPCB4038832

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: MARS94.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
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,F4.0,F1.0)

VARIABLE NO.	VARIABLE LABEL	NO. OF SUBGROUPS	RANGE OF VALUES SELECTED
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DSW 146986

1	Year of Birth	1	>=	1896.000	AND <	1978.000
2	Year of Hire	1	>=	1926.000	AND <	1995.000
3	Age	1	>=	16.00000	AND <	76.00000
4	Vital Status	1	>=	1.000000	AND <	9.000000
5	Pay Type	1	>=	1.000000	AND <	5.000000
6	Years of Service	1	>=	.0000000	AND <	64.00000
7	Plant Location	1	>=	9.000000	AND <	10.00000
8	Termination Flag	1	>=	.0000000	AND <	4.000000

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

E. JOB TYPES SELECTED

All Job Types

RANGE OF JOB TYPES SELECTED

(0-999)

F. JOB EXPOSURE INDEX SELECTED

EXPOSURE TYPE

DAYS PER UNIT

DSW 146987

Units: Years Worked

1

365.2500

XII. READ, EDIT, AND WRITE SUMMARY:

-26718 CASES READ FROM INPUT FILE

-27104 CASES EXCLUDED PRIOR TO ANALYSIS

-27104 CASES REJECTED DUE TO VARIABLE SELECTION AND/OR JOB TYPE SELECTION

0 CASES REJECTED DUE TO ERROR DETECTION

386 CASES CHOSEN FOR ANALYSIS (21 DEATHS)

0 CASES SELECTED FOR DETAILED LISTING

386 CASES NOT SELECTED FOR DETAILED LISTING

XIII. DISTRIBUTION OF CASES CHOSEN FOR ANALYSIS BY WORKING AND VITAL STATUS AS OF 12/31/1994:

WORKING AND VITAL STATUS	NUMBER	PERCENT	DEATH CERTIFICATE	
			OBTAINED	OUTSTANDING
Currently Employed	97	25.1		
Terminated	177	45.9		
Alive	167	(94.4)		
Dead	4	(2.3)	4	0
Unknown Status	6	(3.4)		
Retired	109	28.2		
Alive	92	(84.4)		
Dead	14	(12.8)	14	0
Unknown Status	3	(2.8)		
Died While Employed	3	.8	3	0
Total	386	100.0	21	0

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PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

POPULATION SUBGROUP

RACE: WHITE

SEX: MALE

TABLE TYPE 1: AGE DISTRIBUTIONS

DSW 146988

STLCOPCB4038835

AGE GROUP	AGE AT HIRE		AGE AT FIRST EXPOSURE		AGE AT ENTRY INTO FOLLOW-UP		AGE AT DEATH	
	No.	%	No.	%	No.	%	No.	%
<20	17	6.2	17	6.2	3	1.1	0	.0
20-24	116	42.0	116	42.0	33	12.0	0	.0
25-29	82	29.7	82	29.7	43	15.6	0	.0
30-34	34	12.3	34	12.3	29	10.5	0	.0
35-39	16	5.8	16	5.8	52	18.8	1	5.9
40-44	5	1.8	5	1.8	36	13.0	0	.0
45-49	6	2.2	6	2.2	37	13.4	4	23.5
50-54	0	.0	0	.0	19	6.9	1	5.9
55-59	0	.0	0	.0	15	5.4	1	5.9
60-64	0	.0	0	.0	8	2.9	7	41.2
65-69	0	.0	0	.0	1	.4	2	11.8
70-74	0	.0	0	.0	0	.0	1	5.9
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	276	100.0	276	100.0	276	100.0	17	100.0

AVERAGE AGE 26.7 26.7 38.2 57.8

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PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

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	2.0	1	2.0	1	2.0	0	.0

DSW 146989

STLCOPCB4038836

20-24	12	23.5	12	23.5	10	19.6	0	.0
25-29	12	23.5	12	23.5	9	17.6	0	.0
30-34	7	13.7	7	13.7	5	9.8	0	.0
35-39	12	23.5	12	23.5	9	17.6	0	.0
40-44	3	5.9	3	5.9	4	7.8	0	.0
45-49	3	5.9	3	5.9	4	7.8	0	.0
50-54	1	2.0	1	2.0	4	7.8	0	.0
55-59	0	.0	0	.0	2	3.9	0	.0
60-64	0	.0	0	.0	3	5.9	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	51	100.0	51	100.0	51	100.0	1	100.0

AVERAGE AGE

31.4

31.4

36.6

73.5

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POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

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	18	5.5	18	5.5	4	1.2	0	.0
20-24	128	39.1	128	39.1	43	13.1	0	.0
25-29	94	28.7	94	28.7	52	15.9	0	.0
30-34	41	12.5	41	12.5	34	10.4	0	.0
35-39	28	8.6	28	8.6	61	18.7	1	5.6
40-44	8	2.4	8	2.4	40	12.2	0	.0
45-49	9	2.8	9	2.8	41	12.5	4	22.2
50-54	1	.3	1	.3	23	7.0	1	5.6
55-59	0	.0	0	.0	17	5.2	1	5.6

DSW 146990

STLCOPCB4038837

60-64	0	.0	0	.0	11	3.4	7	38.9
65-69	0	.0	0	.0	1	.3	2	11.1
70-74	0	.0	0	.0	0	.0	2	11.1
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	327	100.0	327	100.0	327	100.0	18	100.0

AVERAGE AGE	27.4	27.4	38.0	58.6
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POPULATION SUBGROUP

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

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	1	2.5	1	2.5	1	2.5	0	.0
20-24	8	20.0	8	20.0	4	10.0	0	.0
25-29	13	32.5	13	32.5	9	22.5	0	.0
30-34	7	17.5	7	17.5	3	7.5	0	.0
35-39	5	12.5	5	12.5	6	15.0	0	.0
40-44	4	10.0	4	10.0	8	20.0	0	.0
45-49	2	5.0	2	5.0	4	10.0	1	33.3
50-54	0	.0	0	.0	2	5.0	0	.0
55-59	0	.0	0	.0	1	2.5	0	.0
60-64	0	.0	0	.0	2	5.0	1	33.3
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	1	33.3
75-79	0	.0	0	.0	0	.0	0	.0
80-84	0	.0	0	.0	0	.0	0	.0
85+	0	.0	0	.0	0	.0	0	.0
TOTAL	40	100.0	40	100.0	40	100.0	3	100.0

DSW 146991

AVERAGE AGE	30.7	30.7	37.5	60.5
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PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

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.	%
<20	2	10.5	2	10.5	2	10.5	0	.0
20-24	4	21.1	4	21.1	3	15.8	0	.0
25-29	2	10.5	2	10.5	2	10.5	0	.0
30-34	6	31.6	6	31.6	5	26.3	0	.0
35-39	3	15.8	3	15.8	4	21.1	0	.0
40-44	1	5.3	1	5.3	2	10.5	0	.0
45-49	1	5.3	1	5.3	1	5.3	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	19	100.0	19	100.0	19	100.0	0	.0

AVERAGE AGE	30.6	30.6	32.1	---
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POPULATION SUBGROUP

DSW 146992

STLCOPCB4038839

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

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	3	5.1	3	5.1	3	5.1	0	.0
20-24	12	20.3	12	20.3	7	11.9	0	.0
25-29	15	25.4	15	25.4	11	18.6	0	.0
30-34	13	22.0	13	22.0	8	13.6	0	.0
35-39	8	13.6	8	13.6	10	16.9	0	.0
40-44	5	8.5	5	8.5	10	16.9	0	.0
45-49	3	5.1	3	5.1	5	8.5	1	33.3
50-54	0	.0	0	.0	2	3.4	0	.0
55-59	0	.0	0	.0	1	1.7	0	.0
60-64	0	.0	0	.0	2	3.4	1	33.3
65-69	0	.0	0	.0	0	.0	0	.0
70-74	0	.0	0	.0	0	.0	1	33.3
75-79	0	.0	0	.0	0	.0	0	.0
80-84	0	.0	0	.0	0	.0	0	.0
85+	0	.0	0	.0	0	.0	0	.0
TOTAL	59	100.0	59	100.0	59	100.0	3	100.0

AVERAGE AGE 30.7

30.7

35.7

60.5

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POPULATION SUBGROUP

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

RACE: TOTAL

SEX: MALE

TABLE TYPE 1: AGE DISTRIBUTIONS

AGE GROUP	AGE AT HIRE	AGE AT FIRST	AGE AT ENTRY	AGE AT DEATH
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DSW 146993

STLCOPCB4038840

	EXPOSURE		INTO FOLLOW-UP					
	No.	%	No.	%	No.	%		
<20	18	5.7	18	5.7	4	1.3	0	.0
20-24	124	39.2	124	39.2	37	11.7	0	.0
25-29	95	30.1	95	30.1	52	16.5	0	.0
30-34	41	13.0	41	13.0	32	10.1	0	.0
35-39	21	6.6	21	6.6	58	18.4	1	5.0
40-44	9	2.8	9	2.8	44	13.9	0	.0
45-49	8	2.5	8	2.5	41	13.0	5	25.0
50-54	0	.0	0	.0	21	6.6	1	5.0
55-59	0	.0	0	.0	16	5.1	1	5.0
60-64	0	.0	0	.0	10	3.2	8	40.0
65-69	0	.0	0	.0	1	.3	2	10.0
70-74	0	.0	0	.0	0	.0	2	10.0
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	316	100.0	316	100.0	316	100.0	20	100.0

AVERAGE AGE	27.2	27.2	38.1	58.2
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POPULATION SUBGROUP

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

RACE: TOTAL
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	3	4.3	3	4.3	3	4.3	0	.0
20-24	16	22.9	16	22.9	13	18.6	0	.0
25-29	14	20.0	14	20.0	11	15.7	0	.0
30-34	13	18.6	13	18.6	10	14.3	0	.0

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STLCOPCB4038841

35-39	15	21.4	15	21.4	13	18.6	0	.0
40-44	4	5.7	4	5.7	6	8.6	0	.0
45-49	4	5.7	4	5.7	5	7.1	0	.0
50-54	1	1.4	1	1.4	4	5.7	0	.0
55-59	0	.0	0	.0	2	2.9	0	.0
60-64	0	.0	0	.0	3	4.3	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	70	100.0	70	100.0	70	100.0	1	100.0

AVERAGE AGE	31.2	31.2	35.4	73.5
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OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

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	21	5.4	21	5.4	7	1.8	0	.0
20-24	140	36.3	140	36.3	50	13.0	0	.0
25-29	109	28.2	109	28.2	63	16.3	0	.0
30-34	54	14.0	54	14.0	42	10.9	0	.0
35-39	36	9.3	36	9.3	71	18.4	1	4.8
40-44	13	3.4	13	3.4	50	13.0	0	.0
45-49	12	3.1	12	3.1	46	11.9	5	23.8
50-54	1	.3	1	.3	25	6.5	1	4.8
55-59	0	.0	0	.0	18	4.7	1	4.8
60-64	0	.0	0	.0	13	3.4	8	38.1
65-69	0	.0	0	.0	1	.3	2	9.5
70-74	0	.0	0	.0	0	.0	3	14.3

DSW 146995

STLCOPCB4038842

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	386	100.0	386	100.0	386	100.0	21	100.0

AVERAGE AGE	27.9	27.9	37.6	58.9
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OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM
MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SUBGROUP

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

RACE: WHITE

SEX: MALE

CUMULATIVE EXPOSURE: TOTAL

LATENCY: TOTAL

TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK

AGE GROUP		+-----TIME-PERIOD-----+			
		80-84	85-89	90-94	TOTAL
<20	PERSON YEARS	.0	.9	.3	1.2
	AT RISK	0	1	2	3
20-24	PERSON YEARS	39.2	23.1	17.5	79.8
	AT RISK	25	8	8	36
25-29	PERSON YEARS	153.4	70.5	30.6	254.6
	AT RISK	58	32	16	75
30-34	PERSON YEARS	152.4	164.6	71.7	388.8
	AT RISK	62	61	34	97
35-39	PERSON YEARS	196.0	155.3	171.5	522.7
	AT RISK	73	64	66	139
40-44	PERSON YEARS	200.7	197.1	162.1	560.0
	AT RISK	81	73	67	148
45-49	PERSON YEARS	165.1	198.9	196.9	560.8
	AT RISK	68	82	76	145
50-54	PERSON YEARS	136.0	159.3	195.9	491.2

DSW 146996

STLCOPCB4038843

	AT RISK	51	66	79	132
55-59	PERSON YEARS	76.1	136.0	154.2	366.3
	AT RISK	34	51	64	98
60-64	PERSON YEARS	57.6	73.4	132.6	263.5
	AT RISK	23	33	50	73
65-69	PERSON YEARS	17.7	55.8	60.8	134.3
	AT RISK	9	21	29	38
70-74	PERSON YEARS	.5	17.2	51.3	69.0
	AT RISK	1	9	19	21
75-79	PERSON YEARS	.0	.5	16.2	16.7
	AT RISK	0	1	8	8
80-84	PERSON YEARS	.0	.0	.5	.5
	AT RISK	0	0	1	1
85+	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
TOTAL	PERSON YEARS	1194.7	1252.5	1262.2	3709.4
	AT RISK	247	253	268	276

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

13:3512/05

POPULATION SUBGROUP

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

RACE: WHITE

SEX: FEMALE

CUMULATIVE EXPOSURE: TOTAL

LATENCY: TOTAL

 TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK

		+-----TIME-PERIOD-----+			
AGE GROUP		80-84	85-89	90-94	TOTAL
<20	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	1	1
20-24	PERSON YEARS	10.1	1.0	7.5	18.5
	AT RISK	5	1	4	10

DSW 146997

STLCOPCB4038844

25-29	PERSON YEARS AT RISK	22.1 11	22.4 10	9.2 5	53.7 17
30-34	PERSON YEARS AT RISK	19.4 8	31.4 12	28.8 12	79.6 20
35-39	PERSON YEARS AT RISK	30.9 14	26.1 11	31.4 12	88.4 26
40-44	PERSON YEARS AT RISK	23.2 10	39.7 15	26.1 11	89.0 21
45-49	PERSON YEARS AT RISK	20.4 7	23.6 10	39.7 15	83.8 22
50-54	PERSON YEARS AT RISK	11.4 7	21.6 7	25.9 11	58.9 18
55-59	PERSON YEARS AT RISK	10.5 5	11.4 7	22.8 8	44.7 13
60-64	PERSON YEARS AT RISK	13.8 5	10.4 5	11.4 7	35.7 12
65-69	PERSON YEARS AT RISK	9.7 3	13.8 5	10.4 5	34.0 8
70-74	PERSON YEARS AT RISK	.0 0	8.5 3	13.4 4	22.0 5
75-79	PERSON YEARS AT RISK	.0 0	.0 0	5.1 2	5.1 2
80-84	PERSON YEARS AT RISK	.0 0	.0 0	.0 0	.0 0
85+	PERSON YEARS AT RISK	.0 0	.0 0	.0 0	.0 0
TOTAL	PERSON YEARS AT RISK	171.6 41	210.0 43	231.8 50	613.3 51

DSW 146998

MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

POPULATION SUBGROUP

RACE: WHITE

SEX: TOTAL

CUMULATIVE EXPOSURE: TOTAL

LATENCY: TOTAL

TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK

AGE GROUP		+-----TIME-PERIOD-----+			
		80-84	85-89	90-94	TOTAL
<20	PERSON YEARS	.0	.9	.3	1.2
	AT RISK	0	1	3	4
20-24	PERSON YEARS	49.2	24.1	25.1	98.4
	AT RISK	30	9	12	46
25-29	PERSON YEARS	175.5	92.9	39.8	308.2
	AT RISK	69	42	21	92
30-34	PERSON YEARS	171.8	196.0	100.6	468.4
	AT RISK	70	73	46	117
35-39	PERSON YEARS	226.9	181.4	202.8	611.1
	AT RISK	87	75	78	165
40-44	PERSON YEARS	224.0	236.8	188.2	649.0
	AT RISK	91	88	78	169
45-49	PERSON YEARS	185.5	222.5	236.6	644.6
	AT RISK	75	92	91	167
50-54	PERSON YEARS	147.5	180.9	221.7	550.1
	AT RISK	58	73	90	150
55-59	PERSON YEARS	86.6	147.4	177.0	411.0
	AT RISK	39	58	72	111
60-64	PERSON YEARS	71.4	83.9	144.0	299.2
	AT RISK	28	38	57	85
65-69	PERSON YEARS	27.4	69.6	71.3	168.3
	AT RISK	12	26	34	46

DSW 146999

STLCOPCB4038846

70-74	PERSON YEARS	.5	25.7	64.7	90.9
	AT RISK	1	12	23	26
75-79	PERSON YEARS	.0	.5	21.3	21.8
	AT RISK	0	1	10	10
80-84	PERSON YEARS	.0	.0	.5	.5
	AT RISK	0	0	1	1
85+	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
TOTAL	PERSON YEARS	1366.2	1462.5	1494.0	4322.7
	AT RISK	288	296	318	327

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

POPULATION SUBGROUP

RACE: NONWHITE

SEX: MALE

CUMULATIVE EXPOSURE: TOTAL

LATENCY: TOTAL

 TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK

AGE GROUP		+-----TIME-PERIOD-----+			
		80-84	85-89	90-94	TOTAL
<20	PERSON YEARS	.0	.0	.1	.1
	AT RISK	0	0	1	1
20-24	PERSON YEARS	3.6	3.1	2.7	9.4
	AT RISK	3	1	1	5
25-29	PERSON YEARS	21.7	6.9	6.6	35.2
	AT RISK	9	5	4	13
30-34	PERSON YEARS	17.3	25.7	11.5	54.5
	AT RISK	7	9	7	14
35-39	PERSON YEARS	20.3	17.3	25.7	63.3
	AT RISK	8	7	9	17
40-44	PERSON YEARS	35.9	20.3	21.0	77.2

DSW 147000

STLCOPCB4038847

	AT RISK	13	8	8	21
45-49	PERSON YEARS	27.9	35.5	20.3	83.7
	AT RISK	11	13	8	19
50-54	PERSON YEARS	12.5	27.8	32.5	72.8
	AT RISK	6	10	12	18
55-59	PERSON YEARS	5.1	12.5	27.8	45.4
	AT RISK	3	6	10	13
60-64	PERSON YEARS	6.7	5.1	12.5	24.2
	AT RISK	3	3	6	9
65-69	PERSON YEARS	6.6	6.7	5.1	18.3
	AT RISK	2	3	3	5
70-74	PERSON YEARS	.0	6.6	3.7	10.3
	AT RISK	0	2	3	3
75-79	PERSON YEARS	.0	.0	6.6	6.6
	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	157.6	167.4	176.2	501.1
	AT RISK	33	34	39	40

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

POPULATION SUBGROUP

RACE: NONWHITE

SEX: FEMALE

CUMULATIVE EXPOSURE: TOTAL

LATENCY: TOTAL

 TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK

AGE GROUP	80-84	85-89	90-94	TOTAL

DSW 147001

STLCOPCB4038848

<20	PERSON YEARS AT RISK	.0 0	1.6 1	.7 2	2.3 2
20-24	PERSON YEARS AT RISK	1.7 2	.0 0	10.4 3	12.0 5
25-29	PERSON YEARS AT RISK	9.2 3	4.2 2	1.4 2	14.8 5
30-34	PERSON YEARS AT RISK	10.5 6	9.2 3	4.2 2	23.9 8
35-39	PERSON YEARS AT RISK	22.8 8	10.5 6	9.6 4	42.9 12
40-44	PERSON YEARS AT RISK	11.3 4	24.5 8	11.3 7	47.1 11
45-49	PERSON YEARS AT RISK	2.2 2	11.3 4	24.5 8	38.0 10
50-54	PERSON YEARS AT RISK	2.9 1	2.4 2	11.3 4	16.6 5
55-59	PERSON YEARS AT RISK	.0 0	2.9 1	2.4 2	5.3 2
60-64	PERSON YEARS AT RISK	.0 0	.0 0	2.9 1	2.9 1
65-69	PERSON YEARS AT RISK	.0 0	.0 0	.0 0	.0 0
70-74	PERSON YEARS AT RISK	.0 0	.0 0	.0 0	.0 0
75-79	PERSON YEARS AT RISK	.0 0	.0 0	.0 0	.0 0
80-84	PERSON YEARS AT RISK	.0 0	.0 0	.0 0	.0 0
85+	PERSON YEARS AT RISK	.0 0	.0 0	.0 0	.0 0

DSW 147002

TOTAL	PERSON YEARS	60.7	66.6	78.7	206.0
	AT RISK	13	14	19	19

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

POPULATION SUBGROUP

RACE: NONWHITE

SEX: TOTAL

CUMULATIVE EXPOSURE: TOTAL

LATENCY: TOTAL

 TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK

AGE GROUP		+-----TIME-PERIOD-----+			
		80-84	85-89	90-94	TOTAL
<20	PERSON YEARS	.0	1.6	.8	2.4
	AT RISK	0	1	3	3
20-24	PERSON YEARS	5.3	3.1	13.1	21.5
	AT RISK	5	1	4	10
25-29	PERSON YEARS	30.9	11.1	8.0	50.0
	AT RISK	12	7	6	18
30-34	PERSON YEARS	27.8	34.9	15.8	78.5
	AT RISK	13	12	9	22
35-39	PERSON YEARS	43.1	27.8	35.3	106.2
	AT RISK	16	13	13	29
40-44	PERSON YEARS	47.3	44.7	32.3	124.3
	AT RISK	17	16	15	32
45-49	PERSON YEARS	30.2	46.8	44.8	121.8
	AT RISK	13	17	16	29
50-54	PERSON YEARS	15.4	30.2	43.8	89.5
	AT RISK	7	12	16	23
55-59	PERSON YEARS	5.1	15.4	30.2	50.7
	AT RISK	3	7	12	15

DSW 147003

STLCOPCB4038850

60-64	PERSON YEARS AT RISK	6.7 3	5.1 3	15.4 7	27.1 10
65-69	PERSON YEARS AT RISK	6.6 2	6.7 3	5.1 3	18.3 5
70-74	PERSON YEARS AT RISK	.0 0	6.6 2	3.7 3	10.3 3
75-79	PERSON YEARS AT RISK	.0 0	.0 0	6.6 2	6.6 2
80-84	PERSON YEARS AT RISK	.0 0	.0 0	.0 0	.0 0
85+	PERSON YEARS AT RISK	.0 0	.0 0	.0 0	.0 0
TOTAL	PERSON YEARS AT RISK	218.3 46	234.0 48	254.9 58	707.1 59

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

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		80-84	85-89	90-94	TOTAL
<20	PERSON YEARS	.0	.9	.3	1.2
	AT RISK	0	1	3	4
20-24	PERSON YEARS	42.8	26.2	20.2	89.2
	AT RISK	28	9	9	41
25-29	PERSON YEARS	175.1	77.4	37.2	289.8
	AT RISK	67	37	20	88
30-34	PERSON YEARS	169.7	190.3	83.3	443.3

DSW 147004

STLCOPCB4038851

	AT RISK	69	70	41	111
35-39	PERSON YEARS	216.2	172.6	197.2	586.0
	AT RISK	81	71	75	156
40-44	PERSON YEARS	236.6	217.4	183.2	637.2
	AT RISK	94	81	75	169
45-49	PERSON YEARS	193.0	234.4	217.2	644.5
	AT RISK	79	95	84	164
50-54	PERSON YEARS	148.5	187.1	228.4	564.0
	AT RISK	57	76	91	150
55-59	PERSON YEARS	81.2	148.5	182.1	411.7
	AT RISK	37	57	74	111
60-64	PERSON YEARS	64.2	78.5	145.1	287.7
	AT RISK	26	36	56	82
65-69	PERSON YEARS	24.3	62.4	65.9	152.6
	AT RISK	11	24	32	43
70-74	PERSON YEARS	.5	23.8	55.0	79.3
	AT RISK	1	11	22	24
75-79	PERSON YEARS	.0	.5	22.8	23.3
	AT RISK	0	1	10	10
80-84	PERSON YEARS	.0	.0	.5	.5
	AT RISK	0	0	1	1
85+	PERSON YEARS	.0	.0	.0	.0
	AT RISK	0	0	0	0
TOTAL	PERSON YEARS	1352.3	1419.9	1438.3	4210.5
	AT RISK	280	287	307	316

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

POPULATION SUBGROUP

RACE: TOTAL
 SEX: FEMALE

DSW 147005

STLCOPCB4038852

 TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK

CUMULATIVE EXPOSURE: TOTAL
 LATENCY: TOTAL

AGE GROUP		+-----TIME-PERIOD-----+			
		80-84	85-89	90-94	TOTAL
<20	PERSON YEARS	.0	1.6	.8	2.3
	AT RISK	0	1	3	3
20-24	PERSON YEARS	11.7	1.0	17.9	30.6
	AT RISK	7	1	7	15
25-29	PERSON YEARS	31.3	26.6	10.5	68.4
	AT RISK	14	12	7	22
30-34	PERSON YEARS	29.9	40.5	33.1	103.5
	AT RISK	14	15	14	28
35-39	PERSON YEARS	53.8	36.6	40.9	131.3
	AT RISK	22	17	16	38
40-44	PERSON YEARS	34.6	64.2	37.4	136.1
	AT RISK	14	23	18	32
45-49	PERSON YEARS	22.7	35.0	64.2	121.8
	AT RISK	9	14	23	32
50-54	PERSON YEARS	14.4	24.0	37.2	75.6
	AT RISK	8	9	15	23
55-59	PERSON YEARS	10.5	14.3	25.2	50.0
	AT RISK	5	8	10	15
60-64	PERSON YEARS	13.8	10.4	14.3	38.6
	AT RISK	5	5	8	13
65-69	PERSON YEARS	9.7	13.8	10.4	34.0
	AT RISK	3	5	5	8
70-74	PERSON YEARS	.0	8.5	13.4	22.0
	AT RISK	0	3	4	5
75-79	PERSON YEARS	.0	.0	5.1	5.1
	AT RISK	0	0	2	2

DSW 147006

STLCOPCB4038853

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	232.2	276.6	310.5	819.3
	AT RISK	54	57	69	70

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

POPULATION SUBGROUP

RACE: TOTAL

SEX: TOTAL

CUMULATIVE EXPOSURE: TOTAL

LATENCY: TOTAL

 TABLE TYPE 2: PERSON YEARS AND ABSOLUTE NUMBER AT RISK

AGE GROUP		+-----TIME-PERIOD-----+			
		80-84	85-89	90-94	TOTAL
<20	PERSON YEARS	.0	2.4	1.1	3.6
	AT RISK	0	2	6	7
20-24	PERSON YEARS	54.5	27.2	38.1	119.8
	AT RISK	35	10	16	56
25-29	PERSON YEARS	206.4	104.0	47.8	358.2
	AT RISK	81	49	27	110
30-34	PERSON YEARS	199.6	230.8	116.4	546.8
	AT RISK	83	85	55	139
35-39	PERSON YEARS	270.0	209.2	238.1	717.3
	AT RISK	103	88	91	194
40-44	PERSON YEARS	271.2	281.6	220.5	773.3
	AT RISK	108	104	93	201
45-49	PERSON YEARS	215.7	269.3	281.4	766.4
	AT RISK	88	109	107	196

DSW 147007

STLCOPCB4038854

50-54	PERSON YEARS AT RISK	162.9 65	211.1 85	265.6 106	639.6 173
55-59	PERSON YEARS AT RISK	91.6 42	162.8 65	207.2 84	461.7 126
60-64	PERSON YEARS AT RISK	78.1 31	88.9 41	159.4 64	326.4 95
65-69	PERSON YEARS AT RISK	34.0 14	76.3 29	76.3 37	186.6 51
70-74	PERSON YEARS AT RISK	.5 1	32.3 14	68.5 26	101.3 29
75-79	PERSON YEARS AT RISK	.0 0	.5 1	27.9 12	28.4 12
80-84	PERSON YEARS AT RISK	.0 0	.0 0	.5 1	.5 1
85+	PERSON YEARS AT RISK	.0 0	.0 0	.0 0	.0 0
TOTAL	PERSON YEARS AT RISK	1584.5 334	1696.5 344	1748.8 376	5029.8 386

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

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PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994

POPULATION SUBGROUP

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

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

CAUSE OF DEATH: All Causes of Death

AGE GROUP		+-----TIME-PERIOD-----+			
		80-84	85-89	90-94	TOTAL
<20	OBS	0	0	0	0

DSW 147008

STLCOPCB4038855

	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	126.23	115.98	112.95	
20-24	OBS	0	0	0	0
	EXP	.07	.04	.03	.13
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	168.38	153.03	146.12	
25-29	OBS	0	0	0	0
	EXP	.25	.11	.05	.40
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	159.86	157.68	149.12	
30-34	OBS	0	0	0	0
	EXP	.25	.30	.14	.69
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	162.50	183.15	195.24	
35-39	OBS	0	0	1	1
	EXP	.39	.34	.43	1.16
	SMR	---	---	234.3	86.1
	RATE (COHORT)/100000	.00	.00	583.13	191.30
	RATE (STD)/100000	199.64	221.51	248.88	
40-44	OBS	0	0	0	0
	EXP	.60	.58	.49	1.67
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	297.82	293.29	302.63	
45-49	OBS	1	2	1	4
	EXP	.81	.89	.87	2.58
	SMR	122.9	224.1	114.4	155.0
	RATE (COHORT)/100000	605.84	1005.62	507.88	713.21
	RATE (STD)/100000	492.86	448.69	443.98	
50-54	OBS	0	1	0	1
	EXP	1.12	1.17	1.35	3.65
	SMR	---	85.1	---	27.4
	RATE (COHORT)/100000	.00	627.69	.00	203.58

DSW 147009

	RATE (STD)/100000	826.28	737.40	688.83	
55-59	OBS	0	0	1	1
	EXP	1.01	1.65	1.78	4.44
	SMR	---	---	56.3	22.5
	RATE (COHORT)/100000	.00	.00	648.32	272.98
	RATE (STD)/100000	1329.98	1216.71	1152.33	
60-64	OBS	1	1	5	7
	EXP	1.18	1.42	2.32	4.91
	SMR	84.7	70.6	215.9	142.5
	RATE (COHORT)/100000	1737.60	1362.25	3771.60	2656.26
	RATE (STD)/100000	2051.25	1928.25	1746.52	
65-69	OBS	0	0	2	2
	EXP	.56	1.63	1.58	3.77
	SMR	---	---	126.2	53.0
	RATE (COHORT)/100000	.00	.00	3287.70	1489.22
	RATE (STD)/100000	3179.91	2914.48	2604.60	
70-74	OBS	0	1	0	1
	EXP	.02	.79	2.15	2.96
	SMR	---	127.1	---	33.8
	RATE (COHORT)/100000	.00	5813.03	.00	1450.02
	RATE (STD)/100000	4842.31	4575.26	4187.15	
75-79	OBS	0	0	0	0
	EXP	.00	.03	1.02	1.05
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	7265.76	6891.95	6286.65	
80-84	OBS	0	0	0	0
	EXP	.00	.00	.05	.05
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	RATE (STD)/100000	10893.86	10622.35	9863.39	
85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	18673.93	18668.11	18553.54	
TOTAL	OBS	2	5	10	17

DSW 147010

STLCOPCB4038857

EXP	6.26	8.95	12.24	27.46
SMR	31.9	55.8	81.7	61.9 *
RATE (COHORT)/100000	167.41	399.19	792.29	458.30

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

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994

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-----+			
		80-84	85-89	90-94	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	RATE (STD)/100000	48.73	48.19	46.14	
20-24	OBS	0	0	0	0
	EXP	.01	.00	.00	.01
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	53.38	49.45	47.81	
25-29	OBS	0	0	0	0
	EXP	.01	.01	.00	.03
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	56.20	55.16	51.31	
30-34	OBS	0	0	0	0
	EXP	.01	.02	.02	.05
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00

DSW 147011

STLCOPCB4038858

	RATE (STD)/100000	68.77	69.01	68.69	
35-39	OBS	0	0	0	0
	EXP	.03	.03	.03	.09
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	101.24	95.97	98.84	
40-44	OBS	0	0	0	0
	EXP	.04	.06	.04	.13
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	163.72	149.83	138.43	
45-49	OBS	0	0	0	0
	EXP	.06	.06	.09	.21
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	273.23	248.38	238.21	
50-54	OBS	0	0	0	0
	EXP	.05	.09	.10	.24
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	441.99	414.40	393.93	
55-59	OBS	0	0	0	0
	EXP	.07	.08	.15	.30
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	688.38	661.47	664.66	
60-64	OBS	0	0	0	0
	EXP	.15	.11	.11	.37
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	1064.43	1046.63	988.51	
65-69	OBS	0	0	0	0
	EXP	.16	.22	.15	.53
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	1623.65	1588.62	1459.71	
70-74	OBS	0	1	0	1

DSW 147012

	EXP	.00	.21	.33	.54
	SMR	---	471.3	---	185.5
	RATE (COHORT)/100000	---	11747.67	.00	4555.67
	RATE (STD)/100000	2527.49	2492.83	2433.35	
75-79	OBS	0	0	0	0
	EXP	.00	.00	.19	.19
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	RATE (STD)/100000	4039.32	3932.46	3716.05	
80-84	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	6904.85	6631.46	6195.60	
85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	14444.97	14726.00	14573.10	
TOTAL	OBS	0	1	0	1
	EXP	.58	.88	1.22	2.69
	SMR	---	113.1	---	37.1
	RATE (COHORT)/100000	.00	476.27	.00	163.05

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

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994

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-----+

DSW 147013

STLCOPCB4038860

AGE GROUP		80-84	85-89	90-94	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
20-24	OBS	0	0	0	0
	EXP	.07	.04	.03	.14
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
25-29	OBS	0	0	0	0
	EXP	.26	.12	.05	.43
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.26	.32	.16	.74
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	1	1
	EXP	.42	.37	.46	1.25
	SMR	---	---	218.4	80.0
	RATE (COHORT)/100000	.00	.00	492.98	163.64
40-44	OBS	0	0	0	0
	EXP	.64	.64	.53	1.80
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
45-49	OBS	1	2	1	4
	EXP	.87	.95	.97	2.79
	SMR	115.0	210.3	103.2	143.4
	RATE (COHORT)/100000	539.11	898.84	422.63	620.53
50-54	OBS	0	1	0	1
	EXP	1.17	1.26	1.45	3.89
	SMR	---	79.1	---	25.7
	RATE (COHORT)/100000	.00	552.65	.00	181.78
55-59	OBS	0	0	1	1
	EXP	1.08	1.73	1.93	4.74
	SMR	---	---	51.8	21.1

DSW 147014

STLCOPCB4038861

	RATE (COHORT)/100000	.00	.00	564.85	243.31
60-64	OBS	1	1	5	7
	EXP	1.33	1.52	2.43	5.28
	SMR	75.3	65.6	205.9	132.6
	RATE (COHORT)/100000	1400.61	1192.58	3472.42	2339.25
65-69	OBS	0	0	2	2
	EXP	.72	1.85	1.74	4.30
	SMR	---	---	115.1	46.5
	RATE (COHORT)/100000	.00	.00	2805.97	1188.50
70-74	OBS	0	2	0	2
	EXP	.02	1.00	2.47	3.50
	SMR	---	200.1	---	57.2
	RATE (COHORT)/100000	.00	7777.54	.00	2199.86
75-79	OBS	0	0	0	0
	EXP	.00	.03	1.21	1.24
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
80-84	OBS	0	0	0	0
	EXP	.00	.00	.05	.05
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
TOTAL	OBS	2	6	10	18
	EXP	6.85	9.84	13.47	30.15
	SMR	29.2	61.0	74.2	59.7 *
	RATE (COHORT)/100000	146.39	410.25	669.36	416.41

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

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

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POPULATION SUBGROUP

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

RACE: NONWHITE

DSW 147015

STLCOPCB4038862

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

SEX: MALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: TOTAL

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

CAUSE OF DEATH: All Causes of Death

AGE GROUP		-----TIME-PERIOD-----			
		80-84	85-89	90-94	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	RATE (STD)/100000	118.84	136.54	189.97	
20-24	OBS	0	0	0	0
	EXP	.01	.01	.01	.02
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	227.84	231.90	279.03	
25-29	OBS	0	0	0	0
	EXP	.06	.02	.02	.10
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	285.05	286.04	290.41	
30-34	OBS	0	0	0	0
	EXP	.06	.10	.04	.20
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	349.86	380.39	375.00	
35-39	OBS	0	0	0	0
	EXP	.09	.09	.13	.30
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	448.57	493.68	498.70	
40-44	OBS	0	0	0	0
	EXP	.22	.13	.13	.48
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00

DSW 147016

STLCOPCB4038863

	RATE (STD)/100000	623.38	621.47	641.07	
45-49	OBS	0	1	0	1
	EXP	.27	.31	.18	.75
	SMR	---	326.4	---	133.0
	RATE (COHORT)/100000	.00	2817.23	.00	1194.72
	RATE (STD)/100000	952.05	863.10	885.63	
50-54	OBS	0	0	0	0
	EXP	.18	.37	.39	.94
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	1427.53	1316.62	1207.82	
55-59	OBS	0	0	0	0
	EXP	.11	.24	.51	.85
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	2091.52	1917.47	1821.72	
60-64	OBS	0	0	1	1
	EXP	.20	.14	.32	.66
	SMR	---	---	314.5	151.1
	RATE (COHORT)/100000	.00	.00	8006.14	4130.36
	RATE (STD)/100000	2994.82	2852.09	2545.73	
65-69	OBS	0	0	0	0
	EXP	.26	.26	.18	.70
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	3914.11	3919.31	3499.99	
70-74	OBS	0	0	1	1
	EXP	.00	.36	.20	.56
	SMR	---	---	499.8	177.8
	RATE (COHORT)/100000	---	.00	26720.35	9668.87
	RATE (STD)/100000	5582.03	5491.17	5346.31	
75-79	OBS	0	0	0	0
	EXP	.00	.00	.46	.46
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	RATE (STD)/100000	7118.67	7450.40	6992.00	
80-84	OBS	0	0	0	0

DSW 147017

	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	10889.78	10673.31	10095.88	
85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	14716.92	15696.09	16320.30	
TOTAL	OBS	0	1	2	3
	EXP	1.45	2.02	2.57	6.04
	SMR	---	49.6	77.9	49.7
	RATE (COHORT)/100000	.00	597.43	1135.34	598.63

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

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994

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

AGE GROUP		+-----TIME-PERIOD-----+			
		80-84	85-89	90-94	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	46.49	46.26	49.23	
20-24	OBS	0	0	0	0
	EXP	.00	.00	.01	.01
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	---	.00	.00

DSW 147018

	RATE (STD)/100000	77.92	74.71	79.61	
25-29	OBS	0	0	0	0
	EXP	.01	.00	.00	.02
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	105.32	106.15	106.16	
30-34	OBS	0	0	0	0
	EXP	.01	.01	.01	.04
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	138.90	152.59	153.10	
35-39	OBS	0	0	0	0
	EXP	.05	.02	.02	.09
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	202.96	204.81	219.30	
40-44	OBS	0	0	0	0
	EXP	.04	.07	.03	.14
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	319.46	292.33	291.89	
45-49	OBS	0	0	0	0
	EXP	.01	.05	.11	.17
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	500.43	444.01	448.21	
50-54	OBS	0	0	0	0
	EXP	.02	.02	.07	.11
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
	RATE (STD)/100000	759.18	709.65	658.01	
55-59	OBS	0	0	0	0
	EXP	.00	.03	.02	.05
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
	RATE (STD)/100000	1141.35	1047.00	1018.43	
60-64	OBS	0	0	0	0

DSW 147019

	EXP	.00	.00	.04	.04
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
	RATE (STD)/100000	1651.44	1597.44	1425.81	
65-69	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	2219.35	2221.84	2055.67	
70-74	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	3344.74	3202.64	3164.43	
75-79	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	4581.44	4617.15	4257.24	
80-84	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	7492.10	7193.07	6738.22	
85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
	RATE (STD)/100000	11440.37	12736.80	13078.02	
TOTAL	OBS	0	0	0	0
	EXP	.14	.21	.32	.67
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00

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

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

13:3512/05

DSW 147020

STLCOPCB4038867

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

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-----			
		80-84	85-89	90-94	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
20-24	OBS	0	0	0	0
	EXP	.01	.01	.02	.03
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
25-29	OBS	0	0	0	0
	EXP	.07	.02	.02	.12
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.08	.11	.05	.24
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	0	0
	EXP	.14	.11	.15	.39
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
40-44	OBS	0	0	0	0
	EXP	.26	.20	.17	.63
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
45-49	OBS	0	1	0	1

DSW 147021

STLCOPCB4038868

	EXP	.28	.36	.29	.92
	SMR	---	280.4	---	108.3
	RATE (COHORT)/100000	.00	2135.38	.00	821.35
50-54	OBS	0	0	0	0
	EXP	.20	.38	.47	1.05
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
55-59	OBS	0	0	0	0
	EXP	.11	.27	.53	.91
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
60-64	OBS	0	0	1	1
	EXP	.20	.14	.36	.70
	SMR	---	---	278.0	142.2
	RATE (COHORT)/100000	.00	.00	6487.74	3685.38
65-69	OBS	0	0	0	0
	EXP	.26	.26	.18	.70
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
70-74	OBS	0	0	1	1
	EXP	.00	.36	.20	.56
	SMR	---	---	499.8	177.8
	RATE (COHORT)/100000	---	.00	26720.35	9668.87
75-79	OBS	0	0	0	0
	EXP	.00	.00	.46	.46
	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	---	---	---	---
TOTAL	OBS	0	1	2	3

DSW 147022

STLCOPCB4038869

EXP	1.60	2.23	2.89	6.71
SMR	---	44.9	69.2	44.7
RATE (COHORT)/100000	.00	427.40	784.76	424.26

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

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

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

AGE GROUP		+-----TIME-PERIOD-----+			
		80-84	85-89	90-94	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
20-24	OBS	0	0	0	0
	EXP	.07	.04	.03	.15
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
25-29	OBS	0	0	0	0
	EXP	.31	.13	.06	.50
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.31	.40	.18	.89
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	1	1
	EXP	.48	.43	.55	1.47

DSW 147023

	SMR	---	---	180.2	68.2
	RATE (COHORT)/100000	.00	.00	507.15	170.65
40-44	OBS	0	0	0	0
	EXP	.82	.70	.63	2.15
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
45-49	OBS	1	3	1	5
	EXP	1.08	1.20	1.05	3.33
	SMR	92.6	250.3	94.9	150.1
	RATE (COHORT)/100000	518.13	1279.98	460.49	775.74
50-54	OBS	0	1	0	1
	EXP	1.30	1.54	1.74	4.59
	SMR	---	64.9	---	21.8
	RATE (COHORT)/100000	.00	534.38	.00	177.29
55-59	OBS	0	0	1	1
	EXP	1.12	1.89	2.28	5.30
	SMR	---	---	43.8	18.9
	RATE (COHORT)/100000	.00	.00	549.26	242.89
60-64	OBS	1	1	6	8
	EXP	1.38	1.56	2.63	5.57
	SMR	72.5	64.1	227.8	143.5
	RATE (COHORT)/100000	1557.30	1274.44	4136.21	2780.29
65-69	OBS	0	0	2	2
	EXP	.82	1.89	1.76	4.47
	SMR	---	---	113.5	44.8
	RATE (COHORT)/100000	.00	.00	3035.34	1310.50
70-74	OBS	0	1	1	2
	EXP	.02	1.15	2.35	3.52
	SMR	---	87.0	42.6	56.8
	RATE (COHORT)/100000	.00	4201.20	1817.01	2521.85
75-79	OBS	0	0	0	0
	EXP	.00	.03	1.48	1.51
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
80-84	OBS	0	0	0	0
	EXP	.00	.00	.05	.05

DSW 147024

	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
TOTAL	OBS	2	6	12	20
	EXP	7.72	10.97	14.81	33.50
	SMR	25.9 *	54.7	81.0	59.7 *
	RATE (COHORT)/100000	147.90	422.56	834.31	475.00

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

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994

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		80-84	85-89	90-94	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
20-24	OBS	0	0	0	0
	EXP	.01	.00	.01	.02
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
25-29	OBS	0	0	0	0
	EXP	.02	.02	.01	.05
	SMR	---	---	---	---

DSW 147025

STLCOPCB4038872

	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.03	.04	.03	.09
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	0	0
	EXP	.08	.05	.05	.18
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
40-44	OBS	0	0	0	0
	EXP	.07	.13	.07	.27
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
45-49	OBS	0	0	0	0
	EXP	.07	.11	.20	.38
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
50-54	OBS	0	0	0	0
	EXP	.07	.11	.18	.36
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
55-59	OBS	0	0	0	0
	EXP	.07	.11	.18	.35
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
60-64	OBS	0	0	0	0
	EXP	.15	.11	.15	.41
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
65-69	OBS	0	0	0	0
	EXP	.16	.22	.15	.53
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
70-74	OBS	0	1	0	1
	EXP	.00	.21	.33	.54
	SMR	---	471.3	---	185.5

DSW 147026

STLCOPCB4038873

		RATE (COHORT)/100000	---	11747.67	.00	4555.67
75-79	OBS	0	0	0	0	
	EXP	.00	.00	.19	.19	
	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	---	---	---	---	
TOTAL	OBS	0	1	0	1	
	EXP	.73	1.09	1.55	3.37	
	SMR	---	91.4	---	29.7	
	RATE (COHORT)/100000	.00	361.59	.00	122.06	

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

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

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-----+			
		80-84	85-89	90-94	TOTAL
<20	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00

DSW 147027

STLCOPCB4038874

20-24	OBS	0	0	0	0
	EXP	.08	.04	.04	.17
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
25-29	OBS	0	0	0	0
	EXP	.33	.15	.07	.55
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
30-34	OBS	0	0	0	0
	EXP	.34	.43	.21	.98
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
35-39	OBS	0	0	1	1
	EXP	.56	.48	.61	1.64
	SMR	---	---	164.8	60.9
	RATE (COHORT)/100000	.00	.00	419.95	139.41
40-44	OBS	0	0	0	0
	EXP	.90	.84	.69	2.43
	SMR	---	---	---	---
	RATE (COHORT)/100000	.00	.00	.00	.00
45-49	OBS	1	3	1	5
	EXP	1.15	1.31	1.26	3.71
	SMR	87.2	229.4	79.5	134.7
	RATE (COHORT)/100000	463.69	1113.83	355.41	652.43
50-54	OBS	0	1	0	1
	EXP	1.38	1.65	1.92	4.94
	SMR	---	60.7	---	20.2
	RATE (COHORT)/100000	.00	473.61	.00	156.35
55-59	OBS	0	0	1	1
	EXP	1.19	2.00	2.46	5.65
	SMR	---	---	40.7	17.7 *
	RATE (COHORT)/100000	.00	.00	482.54	216.60
60-64	OBS	1	1	6	8
	EXP	1.53	1.67	2.79	5.98
	SMR	65.5	59.9	215.2	133.7
	RATE (COHORT)/100000	1281.06	1124.74	3763.99	2451.17

DSW 147028

65-69	OBS	0	0	2	2
	EXP	.98	2.11	1.91	5.00
	SMR	---	---	104.5	40.0
	RATE (COHORT)/100000	.00	.00	2620.06	1071.84
70-74	OBS	0	2	1	3
	EXP	.02	1.36	2.67	4.06
	SMR	---	146.9	37.4	73.9
	RATE (COHORT)/100000	.00	6189.06	1460.41	2962.74
75-79	OBS	0	0	0	0
	EXP	.00	.03	1.67	1.70
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	.00	.00	.00
80-84	OBS	0	0	0	0
	EXP	.00	.00	.05	.05
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	.00	.00
85+	OBS	0	0	0	0
	EXP	.00	.00	.00	.00
	SMR	---	---	---	---
	RATE (COHORT)/100000	---	---	---	---
TOTAL	OBS	2	7	12	21
	EXP	8.44	12.06	16.36	36.86
	SMR	23.7 *	58.0	73.4	57.0 **
	RATE (COHORT)/100000	126.22	412.62	686.18	417.51

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

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 132
PERSON YEARS: 1158.8

POPULATION SUBGROUP

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

DSW 147029

STLCOPCB4038876

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
-----	---	---	---	----	-----	-----	-----
All Causes of Death	3	2.78	107.8	22.2	315.0	12.1	394.4
All Malignant Neoplasms	1	.41	246.9	6.2	1375.6	1.2	1834.3
Cancer of Large Intestine	0	.03	---	.0	13310.2	.0	19115.7
Cancer of Bronchus, Trachea, Lung	0	.10	---	.0	3563.5	.0	5117.8
Cancer of Breast	0	.00	---	.0	759715.8	.0	1091075.0
Cancer of Prostate (Males only)	0	.00	---	.0	76325.4	.0	109615.6
All Heart Disease	1	.46	218.7	5.5	1218.8	1.1	1625.3
All External Causes of Death	0	1.14	---	.0	324.9	.0	466.6
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
 POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
 EXPECTED NUMBERS BASED ON: United States Population 1980-1994
 CUMULATIVE EXPOSURE UNITS: Years Worked
 SUBGROUP DATA

NUMBER AT RISK: 1
 PERSON YEARS: .6

POPULATION SUBGROUP

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

DSW 147030

STLCOPCB4038877

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
-----	---	---	---	----	----	----	----
All Causes of Death	0	.00	---	.0	96769.3	.0	138976.4
All Malignant Neoplasms	0	.00	---	.0	325447.3	.0	467395.0
Cancer of Large Intestine	0	.00	---	.0	4308083.0	.0	6187103.0
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	876668.6	.0	1259038.0
Cancer of Breast	0	.00	---	.0	256277100.0	.0	368055300.0
Cancer of Prostate (Males only)	0	.00	---	.0	17798640.0	.0	25561720.0
All Heart Disease	0	.00	---	.0	302564.6	.0	434531.7
All External Causes of Death	0	.00	---	.0	900066.6	.0	1292641.0
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
 POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
 EXPECTED NUMBERS BASED ON: United States Population 1980-1994
 CUMULATIVE EXPOSURE UNITS: Years Worked
 SUBGROUP DATA

 NUMBER AT RISK: 132
 PERSON YEARS: 1159.4

POPULATION SUBGROUP

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

DSW 147031

STLCOPCB4038878

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	3	2.79	107.6	22.2	314.6	12.1	393.9
All Malignant Neoplasms	1	.41	246.2	6.2	1371.8	1.2	1829.2
Cancer of Large Intestine	0	.03	---	.0	13269.2	.0	19056.8
Cancer of Bronchus, Trachea, Lung	0	.10	---	.0	3549.1	.0	5097.0
Cancer of Breast	0	.00	---	.0	757470.3	.0	1087850.0
Cancer of Prostate (Males only)	0	.00	---	.0	75999.5	.0	109147.6
All Heart Disease	1	.46	218.2	5.5	1215.6	1.1	1620.9
All External Causes of Death	0	1.14	---	.0	324.8	.0	466.4
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

NUMBER AT RISK: 149
PERSON YEARS: 863.9

POPULATION SUBGROUP

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

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

DSW 147032

STLCOPCB4038879

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	3.34	30.0	.7	167.1	.1	222.8
All Malignant Neoplasms	0	.72	---	.0	509.3	.0	731.4
Cancer of Large Intestine	0	.05	---	.0	6829.5	.0	9808.3
Cancer of Bronchus, Trachea, Lung	0	.25	---	.0	1493.2	.0	2144.5
Cancer of Breast	0	.00	---	.0	413507.4	.0	593863.4
Cancer of Prostate (Males only)	0	.01	---	.0	29902.2	.0	42944.5
All Heart Disease	0	.93	---	.0	396.2	.0	569.0
All External Causes of Death	0	.74	---	.0	498.4	.0	715.8
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

NUMBER AT RISK: 159
PERSON YEARS: 1686.1

POPULATION SUBGROUP

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

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

DSW 147033

STLCOPCB4038880

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	13	21.34	60.9	32.4	104.2	26.1	119.5
All Malignant Neoplasms	5	6.52	76.7	24.9	178.9	16.5	216.9
Cancer of Large Intestine	1	.54	185.6	4.6	1034.3	.9	1379.2
Cancer of Bronchus, Trachea, Lung	3	2.56	117.2	24.2	342.4	13.2	428.7
Cancer of Breast	0	.01	---	.0	51190.1	.0	73517.2
Cancer of Prostate (Males only)	0	.38	---	.0	969.0	.0	1391.6
All Heart Disease	4	7.65	52.3	14.2	133.9	8.8	164.6
All External Causes of Death	2	1.40	142.4	17.2	514.3	7.3	660.2
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

NUMBER AT RISK: 196
PERSON YEARS: 2550.0

POPULATION SUBGROUP

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

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

DSW 147034

STLCOPCB4038881

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	14	24.67	56.7 *	31.0	95.2	25.3	108.8
All Malignant Neoplasms	5	7.25	69.0	22.4	161.0	14.9	195.2
Cancer of Large Intestine	1	.59	168.7	4.2	940.0	.8	1253.5
Cancer of Bronchus, Trachea, Lung	3	2.81	106.8	22.0	312.2	12.0	390.9
Cancer of Breast	0	.01	---	.0	45551.1	.0	65418.7
Cancer of Prostate (Males only)	0	.39	---	.0	938.6	.0	1347.9
All Heart Disease	4	8.58	46.6	12.7	119.3	7.8	146.7
All External Causes of Death	2	2.14	93.2	11.3	336.8	4.8	432.4
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

NUMBER AT RISK: 229
PERSON YEARS: 2022.8

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

DSW 147035

STLCOPCB4038882

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	4	6.12	65.4	17.8	167.4	11.0	205.8
All Malignant Neoplasms	1	1.13	88.5	2.2	493.3	.4	657.9
Cancer of Large Intestine	0	.08	---	.0	4513.6	.0	6482.3
Cancer of Bronchus, Trachea, Lung	0	.35	---	.0	1052.3	.0	1511.2
Cancer of Breast	0	.00	---	.0	267765.0	.0	384553.8
Cancer of Prostate (Males only)	0	.02	---	.0	21485.0	.0	30855.9
All Heart Disease	1	1.39	72.0	1.8	401.4	.4	535.2
All External Causes of Death	0	1.88	---	.0	196.7	.0	282.5
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

NUMBER AT RISK: 160
PERSON YEARS: 1686.6

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

DSW 147036

CONFIDENCE INTERVALS

STLCOPCB4038883

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	13	21.34	60.9	32.4	104.2	26.1	119.5
All Malignant Neoplasms	5	6.52	76.6	24.9	178.8	16.5	216.9
Cancer of Large Intestine	1	.54	185.6	4.6	1034.1	.9	1379.0
Cancer of Bronchus, Trachea, Lung	3	2.56	117.1	24.2	342.3	13.2	428.6
Cancer of Breast	0	.01	---	.0	51179.8	.0	73502.5
Cancer of Prostate (Males only)	0	.38	---	.0	968.9	.0	1391.5
All Heart Disease	4	7.65	52.3	14.2	133.8	8.8	164.6
All External Causes of Death	2	1.41	142.3	17.2	514.2	7.3	660.0
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 276
PERSON YEARS: 3709.4

POPULATION SUBGROUP

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

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

DSW 147037

CONFIDENCE INTERVALS

95% LIMITS

99% LIMITS

STLCOPCB4038884

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
-----	---	---	---	----	----	----	----
All Causes of Death	17	27.46	61.9 *	36.1	99.1	30.0	112.1
All Malignant Neoplasms	6	7.65	78.4	28.8	170.6	20.1	204.6
Cancer of Large Intestine	1	.62	161.2	4.0	897.9	.8	1197.4
Cancer of Bronchus, Trachea, Lung	3	2.91	103.0	21.3	301.1	11.6	377.0
Cancer of Breast	0	.01	---	.0	42967.2	.0	61707.9
Cancer of Prostate (Males only)	0	.40	---	.0	927.1	.0	1331.5
All Heart Disease	5	9.04	55.3	18.0	129.1	11.9	156.5
All External Causes of Death	2	3.28	61.0	7.4	220.2	3.1	282.7
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

NUMBER AT RISK: 43
PERSON YEARS: 436.2

POPULATION SUBGROUP

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

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

DSW 147038

CONFIDENCE INTERVALS

95% LIMITS 99% LIMITS

STLCOPCB4038885

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
-----	---	---	---	----	-----	-----	-----
All Causes of Death	0	.78	---	.0	473.9	.0	680.6
All Malignant Neoplasms	0	.32	---	.0	1151.5	.0	1653.8
Cancer of Large Intestine	0	.02	---	.0	19388.6	.0	27845.1
Cancer of Bronchus, Trachea, Lung	0	.06	---	.0	5840.2	.0	8387.5
Cancer of Breast	0	.09	---	.0	4028.3	.0	5785.2
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.12	---	.0	3121.9	.0	4483.5
All External Causes of Death	0	.12	---	.0	3107.7	.0	4463.2
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 0
PERSON YEARS: .0

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

DSW 147039

CONFIDENCE INTERVALS

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

STLCOPCB4038886

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 43
PERSON YEARS: 436.2

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

DSW 147040

CONFIDENCE INTERVALS

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

All Causes of Death	0	.78	---	.0	473.9	.0	680.6
All Malignant Neoplasms	0	.32	---	.0	1151.5	.0	1653.8
Cancer of Large Intestine	0	.02	---	.0	19388.6	.0	27845.1
Cancer of Bronchus, Trachea, Lung	0	.06	---	.0	5840.2	.0	8387.5
Cancer of Breast	0	.09	---	.0	4028.3	.0	5785.2
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.12	---	.0	3121.9	.0	4483.5
All External Causes of Death	0	.12	---	.0	3107.7	.0	4463.2
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 9
PERSON YEARS: 63.8

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

DSW 147041

CONFIDENCE INTERVALS

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

STLCOPCB4038888

All Causes of Death	0	.25	---	.0	1464.3	.0	2102.9
All Malignant Neoplasms	0	.11	---	.0	3303.4	.0	4744.2
Cancer of Large Intestine	0	.01	---	.0	46893.2	.0	67346.2
Cancer of Bronchus, Trachea, Lung	0	.03	---	.0	14054.8	.0	20184.9
Cancer of Breast	0	.03	---	.0	13130.8	.0	18858.0
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.05	---	.0	7031.9	.0	10099.0
All External Causes of Death	0	.02	---	.0	20778.2	.0	29840.8
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 10
PERSON YEARS: 113.4

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

DSW 147042

CONFIDENCE INTERVALS

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	1.66	60.2	1.5	335.2	.3	446.9

All Malignant Neoplasms	0	.59	---	.0	625.6	.0	898.5
Cancer of Large Intestine	0	.05	---	.0	6790.2	.0	9751.8
Cancer of Bronchus, Trachea, Lung	0	.15	---	.0	2485.6	.0	3569.7
Cancer of Breast	0	.11	---	.0	3432.4	.0	4929.4
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.50	199.3	5.0	1110.7	1.0	1481.0
All External Causes of Death	0	.04	---	.0	8567.2	.0	12303.9
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 16
PERSON YEARS: 177.2

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

DSW 147043

CONFIDENCE INTERVALS

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	1.91	52.2	1.3	291.1	.3	388.1

All Malignant Neoplasms	0	.70	---	.0	526.0	.0	755.4
Cancer of Large Intestine	0	.06	---	.0	5931.3	.0	8518.4
Cancer of Bronchus, Trachea, Lung	0	.17	---	.0	2112.1	.0	3033.3
Cancer of Breast	0	.14	---	.0	2721.1	.0	3907.9
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.55	180.5	4.5	1005.5	.9	1340.8
All External Causes of Death	0	.06	---	.0	6066.1	.0	8711.8
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 44
PERSON YEARS: 499.9

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

DSW 147044

CONFIDENCE INTERVALS

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	1.03	---	.0	358.0	.0	514.2
All Malignant Neoplasms	0	.43	---	.0	853.9	.0	1226.3

STLCOPCB4038891

Cancer of Large Intestine	0	.03	---	.0	13717.1	.0	19699.9
Cancer of Bronchus, Trachea, Lung	0	.09	---	.0	4125.8	.0	5925.3
Cancer of Breast	0	.12	---	.0	3082.6	.0	4427.1
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.17	---	.0	2162.0	.0	3105.0
All External Causes of Death	0	.14	---	.0	2703.4	.0	3882.5
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 10
PERSON YEARS: 113.4

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

DSW 147045

CONFIDENCE INTERVALS

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	1.66	60.2	1.5	335.2	.3	446.9
All Malignant Neoplasms	0	.59	---	.0	625.6	.0	898.5

Cancer of Large Intestine	0	.05	---	.0	6790.2	.0	9751.8
Cancer of Bronchus, Trachea, Lung	0	.15	---	.0	2485.6	.0	3569.7
Cancer of Breast	0	.11	---	.0	3432.4	.0	4929.4
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.50	199.3	5.0	1110.7	1.0	1481.0
All External Causes of Death	0	.04	---	.0	8567.2	.0	12303.9
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 51
PERSON YEARS: 613.3

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

DSW 147046

CONFIDENCE INTERVALS

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	2.69	37.1	.9	206.9	.2	275.9
All Malignant Neoplasms	0	1.02	---	.0	361.1	.0	518.6
Cancer of Large Intestine	0	.08	---	.0	4541.9	.0	6522.9

STLCOPCB4038893

Cancer of Bronchus, Trachea, Lung	0	.24	---	.0	1551.1	.0	2227.7
Cancer of Breast	0	.23	---	.0	1624.0	.0	2332.4
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.67	148.7	3.7	828.8	.7	1105.2
All External Causes of Death	0	.18	---	.0	2054.9	.0	2951.2
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 175
PERSON YEARS: 1595.0

POPULATION SUBGROUP

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

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

DSW 147047

CONFIDENCE INTERVALS

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	3	3.56	84.2	17.4	246.2	9.5	308.2
All Malignant Neoplasms	1	.73	137.9	3.4	768.1	.7	1024.2
Cancer of Large Intestine	0	.05	---	.0	7892.2	.0	11334.5

Cancer of Bronchus, Trachea, Lung	0	.17	---	.0	2213.1	.0	3178.4
Cancer of Breast	0	.09	---	.0	4007.0	.0	5754.7
Cancer of Prostate (Males only)	0	.00	---	.0	76325.4	.0	109615.6
All Heart Disease	1	.58	173.8	4.3	968.5	.9	1291.4
All External Causes of Death	0	1.25	---	.0	294.1	.0	422.4
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 1
PERSON YEARS: .6

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

DSW 147048

CONFIDENCE INTERVALS

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	.00	---	.0	96769.3	.0	138976.4
All Malignant Neoplasms	0	.00	---	.0	325447.3	.0	467395.0
Cancer of Large Intestine	0	.00	---	.0	4308083.0	.0	6187103.0
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	876668.6	.0	1259038.0

STLCOPCB4038895

Cancer of Breast	0	.00	---	.0	256277100.0	.0	368055300.0
Cancer of Prostate (Males only)	0	.00	---	.0	17798640.0	.0	25561720.0
All Heart Disease	0	.00	---	.0	302564.6	.0	434531.7
All External Causes of Death	0	.00	---	.0	900066.6	.0	1292641.0
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 175
PERSON YEARS: 1595.5

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	3	3.57	84.1	17.4	245.9	9.5	307.9
All Malignant Neoplasms	1	.73	137.6	3.4	766.9	.7	1022.6
Cancer of Large Intestine	0	.05	---	.0	7877.8	.0	11313.8
Cancer of Bronchus, Trachea, Lung	0	.17	---	.0	2207.6	.0	3170.4

DSW 147049

Cancer of Breast	0	.09	---	.0	4007.0	.0	5754.6
Cancer of Prostate (Males only)	0	.00	---	.0	75999.5	.0	109147.6
All Heart Disease	1	.58	173.4	4.3	966.4	.9	1288.7
All External Causes of Death	0	1.25	---	.0	294.0	.0	422.3
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 158
PERSON YEARS: 927.7

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	3.59	27.9	.7	155.3	.1	207.1
All Malignant Neoplasms	0	.84	---	.0	441.2	.0	633.7
Cancer of Large Intestine	0	.06	---	.0	5961.3	.0	8561.4
Cancer of Bronchus, Trachea, Lung	0	.27	---	.0	1349.8	.0	1938.5
Cancer of Breast	0	.03	---	.0	12726.7	.0	18277.6

DSW 147050

STLCOPCB4038897

Cancer of Prostate (Males only)	0	.01	---	.0	29902.2	.0	42944.5
All Heart Disease	0	.98	---	.0	375.1	.0	538.7
All External Causes of Death	0	.76	---	.0	486.7	.0	699.0
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 169
PERSON YEARS: 1799.5

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	14	23.00	60.9	33.3	102.1	27.1	116.7
All Malignant Neoplasms	5	7.11	70.3	22.8	164.0	15.2	198.9
Cancer of Large Intestine	1	.59	168.6	4.2	939.6	.8	1252.8
Cancer of Bronchus, Trachea, Lung	3	2.71	110.7	22.8	323.6	12.5	405.2
Cancer of Breast	0	.11	---	.0	3216.7	.0	4619.7

DSW 147051

Cancer of Prostate (Males only)	0	.38	---	.0	969.0	.0	1391.6
All Heart Disease	5	8.15	61.3	19.9	143.1	13.2	173.6
All External Causes of Death	2	1.45	138.1	16.7	499.0	7.1	640.6
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 212
PERSON YEARS: 2727.2

POPULATION SUBGROUP

RACE: WHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: 10+
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		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	15	26.59	56.4 *	31.6	93.0	25.9	105.9
All Malignant Neoplasms	5	7.95	62.9	20.4	146.8	13.6	178.0
Cancer of Large Intestine	1	.65	152.7	3.8	850.8	.8	1134.5
Cancer of Bronchus, Trachea, Lung	3	2.98	100.6	20.8	294.0	11.3	368.1
Cancer of Breast	0	.14	---	.0	2567.7	.0	3687.6
Cancer of Prostate (Males only)	0	.39	---	.0	938.6	.0	1347.9

DSW 147052

All Heart Disease	5	9.14	54.7	17.8	127.7	11.8	154.9
All External Causes of Death	2	2.21	90.7	11.0	327.6	4.7	420.5
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 273
PERSON YEARS: 2522.7

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	4	7.15	56.0	15.2	143.3	9.4	176.2
All Malignant Neoplasms	1	1.56	64.0	1.6	356.8	.3	475.8
Cancer of Large Intestine	0	.11	---	.0	3396.1	.0	4877.4
Cancer of Bronchus, Trachea, Lung	0	.44	---	.0	838.4	.0	1204.1
Cancer of Breast	0	.12	---	.0	3047.5	.0	4376.7
Cancer of Prostate (Males only)	0	.02	---	.0	21485.0	.0	30855.9

DSW 147053

STLCOPCB4038900

All Heart Disease	1	1.56	64.2	1.6	357.4	.3	476.6
All External Causes of Death	0	2.01	---	.0	183.3	.0	263.3
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 170
PERSON YEARS: 1800.0

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	14	23.01	60.9	33.3	102.1	27.1	116.7
All Malignant Neoplasms	5	7.11	70.3	22.8	164.0	15.2	198.9
Cancer of Large Intestine	1	.59	168.6	4.2	939.4	.8	1252.7
Cancer of Bronchus, Trachea, Lung	3	2.71	110.7	22.8	323.6	12.5	405.1
Cancer of Breast	0	.11	---	.0	3216.6	.0	4619.6
Cancer of Prostate (Males only)	0	.38	---	.0	968.9	.0	1391.5
All Heart Disease	5	8.15	61.3	19.9	143.1	13.2	173.5

DSW 147054

STLCOPCE4038901

All External Causes of Death	2	1.45	138.1	16.7	498.9	7.1	640.4
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 327
PERSON YEARS: 4322.7

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	18	30.15	59.7 *	35.4	94.3	29.7	106.4
All Malignant Neoplasms	6	8.68	69.2	25.4	150.5	17.7	180.5
Cancer of Large Intestine	1	.70	142.5	3.6	794.0	.7	1058.8
Cancer of Bronchus, Trachea, Lung	3	3.15	95.3	19.7	278.4	10.7	348.5
Cancer of Breast	0	.24	---	.0	1564.9	.0	2247.4
Cancer of Prostate (Males only)	0	.40	---	.0	927.1	.0	1331.5
All Heart Disease	6	9.71	61.8	22.7	134.4	15.8	161.2

DSW 147055

STLCOPCB4038902

All External Causes of Death	2	3.46	57.8	7.0	208.8	3.0	268.0
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 31
PERSON YEARS: 274.1

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	1.84	---	.0	200.6	.0	288.2
All Malignant Neoplasms	0	.32	---	.0	1142.6	.0	1640.9
Cancer of Large Intestine	0	.02	---	.0	18393.2	.0	26415.6
Cancer of Bronchus, Trachea, Lung	0	.11	---	.0	3246.7	.0	4662.8
Cancer of Breast	0	.00	---	.0	944039.2	.0	1355793.0
Cancer of Prostate (Males only)	0	.01	---	.0	43463.9	.0	62421.2
All Heart Disease	0	.40	---	.0	929.6	.0	1335.0
All External Causes of Death	0	.44	---	.0	845.2	.0	1213.9

DSW 147056

STLCOPCE4038903

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

RACE: NONWHITE
SEX: MALE
CUMULATIVE EXPOSURE: <10
LATENCY: 20+
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

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

DSW 147057

STLCOPCB4038904

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 31
PERSON YEARS: 274.1

POPULATION SUBGROUP

RACE: NONWHITE

SEX: MALE

CUMULATIVE EXPOSURE: <10

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		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	1.84	---	.0	200.6	.0	288.2
All Malignant Neoplasms	0	.32	---	.0	1142.6	.0	1640.9
Cancer of Large Intestine	0	.02	---	.0	18393.2	.0	26415.6
Cancer of Bronchus, Trachea, Lung	0	.11	---	.0	3246.7	.0	4662.8
Cancer of Breast	0	.00	---	.0	944039.2	.0	1355793.0
Cancer of Prostate (Males only)	0	.01	---	.0	43463.9	.0	62421.2
All Heart Disease	0	.40	---	.0	929.6	.0	1335.0
All External Causes of Death	0	.44	---	.0	845.2	.0	1213.9
Unknown Causes (In All Causes Category Only)	0						

DSW 147058

STLCOPCB4038905

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

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 16
PERSON YEARS: 119.6

POPULATION SUBGROUP

RACE: NONWHITE
SEX: MALE
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)	CONFIDENCE INTERVALS						
	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	1.31	76.3	1.9	425.3	.4	567.1
All Malignant Neoplasms	0	.32	---	.0	1156.8	.0	1661.4
Cancer of Large Intestine	0	.02	---	.0	17962.0	.0	25796.3
Cancer of Bronchus, Trachea, Lung	0	.12	---	.0	3110.4	.0	4467.0
Cancer of Breast	0	.00	---	.0	962531.3	.0	1382350.0
Cancer of Prostate (Males only)	0	.02	---	.0	23751.9	.0	34111.6
All Heart Disease	0	.36	---	.0	1037.8	.0	1490.4
All External Causes of Death	1	.16	619.4	15.5	3451.0	3.1	4601.8
Unknown Causes (In All Causes Category Only)	0						

DSW 147059

STLCOPCB4038906

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

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 13
PERSON YEARS: 107.4

POPULATION SUBGROUP

RACE: NONWHITE
SEX: MALE
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	2	2.89	69.2	8.4	250.0	3.6	320.9
All Malignant Neoplasms	1	.85	117.2	2.9	652.9	.6	870.6
Cancer of Large Intestine	0	.06	---	.0	5966.6	.0	8569.0
Cancer of Bronchus, Trachea, Lung	1	.31	325.0	8.1	1810.7	1.6	2414.5
Cancer of Breast	0	.00	---	.0	378759.9	.0	543960.4
Cancer of Prostate (Males only)	0	.11	---	.0	3384.2	.0	4860.3
All Heart Disease	1	.94	106.7	2.7	594.6	.5	792.9
All External Causes of Death	0	.15	---	.0	2503.5	.0	3595.5
Unknown Causes (In All Causes Category Only)	0						

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

DSW 147060

STLCOPCB4038907

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
 POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
 EXPECTED NUMBERS BASED ON: United States Population 1980-1994
 CUMULATIVE EXPOSURE UNITS: Years Worked
 SUBGROUP DATA

POPULATION SUBGROUP

 RACE: NONWHITE
 SEX: MALE
 CUMULATIVE EXPOSURE: 10+
 LATENCY: TOTAL
 TIME PERIOD: TOTAL
 AGE GROUP: TOTAL

 NUMBER AT RISK: 20
 PERSON YEARS: 227.1

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
-----	---	---	---	----	----	----	----
All Causes of Death	3	4.20	71.4	14.7	208.7	8.0	261.4
All Malignant Neoplasms	1	1.17	85.3	2.1	475.3	.4	633.8
Cancer of Large Intestine	0	.08	---	.0	4478.8	.0	6432.3
Cancer of Bronchus, Trachea, Lung	1	.43	234.6	5.9	1307.0	1.2	1742.8
Cancer of Breast	0	.00	---	.0	271803.9	.0	390354.4
Cancer of Prostate (Males only)	0	.12	---	.0	2962.2	.0	4254.2
All Heart Disease	1	1.29	77.4	1.9	431.1	.4	574.8
All External Causes of Death	1	.31	323.8	8.1	1804.3	1.6	2406.0
Unknown Causes (In All Causes Category Only)	0						

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

DSW 147061

STLCOPCB4038908

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 36
 PERSON YEARS: 393.7

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	3.15	31.8	.8	177.0	.2	236.0
All Malignant Neoplasms	0	.64	---	.0	574.8	.0	825.5
Cancer of Large Intestine	0	.04	---	.0	9087.5	.0	13051.1
Cancer of Bronchus, Trachea, Lung	0	.23	---	.0	1588.5	.0	2281.4
Cancer of Breast	0	.00	---	.0	476597.7	.0	684471.3
Cancer of Prostate (Males only)	0	.02	---	.0	15358.8	.0	22057.7
All Heart Disease	0	.75	---	.0	490.4	.0	704.2
All External Causes of Death	1	.60	167.2	4.2	931.9	.8	1242.7
Unknown Causes (In All Causes Category Only)	0						

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

DSW 147062

STLCOPCB4038909

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 13
PERSON YEARS: 107.4

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	CONFIDENCE INTERVALS						
	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	2	2.89	69.2	8.4	250.0	3.6	320.9
All Malignant Neoplasms	1	.85	117.2	2.9	652.9	.6	870.6
Cancer of Large Intestine	0	.06	---	.0	5966.6	.0	8569.0
Cancer of Bronchus, Trachea, Lung	1	.31	325.0	8.1	1810.7	1.6	2414.5
Cancer of Breast	0	.00	---	.0	378759.9	.0	543960.4
Cancer of Prostate (Males only)	0	.11	---	.0	3384.2	.0	4860.3
All Heart Disease	1	.94	106.7	2.7	594.6	.5	792.9
All External Causes of Death	0	.15	---	.0	2503.5	.0	3595.5
Unknown Causes (In All Causes Category Only)	0						

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

DSW 147063

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM

13:3512/05

STLCOPCB4038910

MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 40
PERSON YEARS: 501.1

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		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	3	6.04	49.7	10.3	145.2	5.6	181.8
All Malignant Neoplasms	1	1.50	66.9	1.7	372.6	.3	496.9
Cancer of Large Intestine	0	.10	---	.0	3601.8	.0	5172.7
Cancer of Bronchus, Trachea, Lung	1	.54	185.2	4.6	1031.9	.9	1376.1
Cancer of Breast	0	.00	---	.0	211041.7	.0	303089.9
Cancer of Prostate (Males only)	0	.13	---	.0	2773.2	.0	3982.7
All Heart Disease	1	1.69	59.2	1.5	329.8	.3	439.8
All External Causes of Death	1	.75	134.2	3.4	747.7	.7	997.0
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

13:3512/05

DSW 147064

STLCOPCB4038911

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 19

PERSON YEARS: 152.4

POPULATION SUBGROUP

RACE: NONWHITE

SEX: FEMALE

CUMULATIVE EXPOSURE: <10

LATENCY: <20

TIME PERIOD: TOTAL

AGE GROUP: TOTAL

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

CONFIDENCE INTERVALS

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	.45	---	.0	822.0	.0	1180.5
All Malignant Neoplasms	0	.12	---	.0	3071.7	.0	4411.5
Cancer of Large Intestine	0	.01	---	.0	45889.2	.0	65904.3
Cancer of Bronchus, Trachea, Lung	0	.02	---	.0	19418.5	.0	27888.1
Cancer of Breast	0	.03	---	.0	10814.2	.0	15530.9
Cancer of Prostate (Males only)	0	.00	---	.0	114930400.0	.0	165058600.0
All Heart Disease	0	.09	---	.0	4118.8	.0	5915.2
All External Causes of Death	0	.06	---	.0	6441.5	.0	9251.1
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

13:3512/05

POPULATION SUBGROUP

DSW 147065

STLCOPCB4038912

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
 POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
 EXPECTED NUMBERS BASED ON: United States Population 1980-1994
 CUMULATIVE EXPOSURE UNITS: Years Worked
 SUBGROUP DATA

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

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		99% LIMITS	
				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	---	---	---	---	---
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

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

13:3512/05

POPULATION SUBGROUP

DSW 147066

STLCOPCB4038913

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
 EXPECTED NUMBERS BASED ON: United States Population 1980-1994
 CUMULATIVE EXPOSURE UNITS: Years Worked
 SUBGROUP DATA

RACE: NONWHITE
 SEX: FEMALE
 CUMULATIVE EXPOSURE: <10
 LATENCY: TOTAL
 TIME PERIOD: TOTAL
 AGE GROUP: TOTAL

NUMBER AT RISK: 19
 PERSON YEARS: 152.4

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	.45	---	.0	822.0	.0	1180.5
All Malignant Neoplasms	0	.12	---	.0	3071.7	.0	4411.5
Cancer of Large Intestine	0	.01	---	.0	45889.2	.0	65904.3
Cancer of Bronchus, Trachea, Lung	0	.02	---	.0	19418.5	.0	27888.1
Cancer of Breast	0	.03	---	.0	10814.2	.0	15530.9
Cancer of Prostate (Males only)	0	.00	---	.0	114930400.0	.0	165058600.0
All Heart Disease	0	.09	---	.0	4118.8	.0	5915.2
All External Causes of Death	0	.06	---	.0	6441.5	.0	9251.1
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

POPULATION SUBGROUP

RACE: NONWHITE

DSW 147067

STLCOPCB4038914

EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

NUMBER AT RISK: 7
PERSON YEARS: 53.5

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		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
-----	---	---	---	-----	-----	-----	-----
All Causes of Death	0	.22	---	.0	1650.6	.0	2370.5
All Malignant Neoplasms	0	.07	---	.0	5343.0	.0	7673.3
Cancer of Large Intestine	0	.00	---	.0	77032.5	.0	110631.2
Cancer of Bronchus, Trachea, Lung	0	.01	---	.0	32197.2	.0	46240.4
Cancer of Breast	0	.02	---	.0	17209.6	.0	24715.7
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.05	---	.0	7866.5	.0	11297.6
All External Causes of Death	0	.02	---	.0	21020.5	.0	30188.8
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

POPULATION SUBGROUP

RACE: NONWHITE
SEX: FEMALE

DSW 147068

STLCOPCB4038915

CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

NUMBER AT RISK: 0
PERSON YEARS: .0

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	---	---	---	---	---
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked

POPULATION SUBGROUP

RACE: NONWHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: 10+

DSW 147069

STLCOPCB4038916

SUBGROUP DATA

NUMBER AT RISK: 7
PERSON YEARS: 53.5

LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

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

				CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
-----	---	---	---	----	----	----	----
All Causes of Death	0	.22	---	.0	1650.6	.0	2370.5
All Malignant Neoplasms	0	.07	---	.0	5343.0	.0	7673.3
Cancer of Large Intestine	0	.00	---	.0	77032.5	.0	110631.2
Cancer of Bronchus, Trachea, Lung	0	.01	---	.0	32197.2	.0	46240.4
Cancer of Breast	0	.02	---	.0	17209.6	.0	24715.7
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.05	---	.0	7866.5	.0	11297.6
All External Causes of Death	0	.02	---	.0	21020.5	.0	30188.8
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

RACE: NONWHITE
SEX: FEMALE
CUMULATIVE EXPOSURE: TOTAL
LATENCY: <20

DSW 147070

STLCOPCB4038917

NUMBER AT RISK: 19
PERSON YEARS: 206.0

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	.67	---	.0	548.7	.0	788.0
All Malignant Neoplasms	0	.19	---	.0	1950.4	.0	2801.1
Cancer of Large Intestine	0	.01	---	.0	28757.8	.0	41300.9
Cancer of Bronchus, Trachea, Lung	0	.03	---	.0	12113.0	.0	17396.2
Cancer of Breast	0	.06	---	.0	6641.1	.0	9537.6
Cancer of Prostate (Males only)	0	.00	---	.0	114930400.0	.0	165058600.0
All Heart Disease	0	.14	---	.0	2703.3	.0	3882.4
All External Causes of Death	0	.07	---	.0	4930.6	.0	7081.1
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

POPULATION SUBGROUP

RACE: NONWHITE

SEX: FEMALE

CUMULATIVE EXPOSURE: TOTAL

LATENCY: 20+

TIME PERIOD: TOTAL

DSW 147071

STLCOPCB4038918

NUMBER AT RISK: 0
PERSON YEARS: .0

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		99% LIMITS	
				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	---	---	---	---	---
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 19

DSW : 147072

STLCOPCB4038919

PERSON YEARS: 206.0

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
-----	---	---	---	----	----	----	----
All Causes of Death	0	.67	---	.0	548.7	.0	788.0
All Malignant Neoplasms	0	.19	---	.0	1950.4	.0	2801.1
Cancer of Large Intestine	0	.01	---	.0	28757.8	.0	41300.9
Cancer of Bronchus, Trachea, Lung	0	.03	---	.0	12113.0	.0	17396.2
Cancer of Breast	0	.06	---	.0	6641.1	.0	9537.6
Cancer of Prostate (Males only)	0	.00	---	.0	114930400.0	.0	165058600.0
All Heart Disease	0	.14	---	.0	2703.3	.0	3882.4
All External Causes of Death	0	.07	---	.0	4930.6	.0	7081.1
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

NUMBER AT RISK: 50
PERSON YEARS: 426.5

POPULATION SUBGROUP

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

DSW 147073

STLCOPCB4038920

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
-----	---	---	---	----	----	----	----
All Causes of Death	0	2.29	---	.0	161.3	.0	231.6
All Malignant Neoplasms	0	.44	---	.0	832.8	.0	1196.0
Cancer of Large Intestine	0	.03	---	.0	13130.3	.0	18857.3
Cancer of Bronchus, Trachea, Lung	0	.13	---	.0	2781.7	.0	3994.9
Cancer of Breast	0	.03	---	.0	10691.7	.0	15355.0
Cancer of Prostate (Males only)	0	.01	---	.0	43447.5	.0	62397.6
All Heart Disease	0	.49	---	.0	758.4	.0	1089.2
All External Causes of Death	0	.49	---	.0	747.2	.0	1073.1
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

 NUMBER AT RISK: 0
 PERSON YEARS: .0

POPULATION SUBGROUP

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

DSW 147074

STLCOPCB4038921

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

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
 POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
 EXPECTED NUMBERS BASED ON: United States Population 1980-1994
 CUMULATIVE EXPOSURE UNITS: Years Worked
 SUBGROUP DATA

 NUMBER AT RISK: 50
 PERSON YEARS: 426.5

POPULATION SUBGROUP

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

DSW 147075

STLCOPCB4038922

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
-----	---	---	---	----	----	----	----
All Causes of Death	0	2.29	---	.0	161.3	.0	231.6
All Malignant Neoplasms	0	.44	---	.0	832.8	.0	1196.0
Cancer of Large Intestine	0	.03	---	.0	13130.3	.0	18857.3
Cancer of Bronchus, Trachea, Lung	0	.13	---	.0	2781.7	.0	3994.9
Cancer of Breast	0	.03	---	.0	10691.7	.0	15355.0
Cancer of Prostate (Males only)	0	.01	---	.0	43447.5	.0	62397.6
All Heart Disease	0	.49	---	.0	758.4	.0	1089.2
All External Causes of Death	0	.49	---	.0	747.2	.0	1073.1
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA-----
NUMBER AT RISK: 23
PERSON YEARS: 173.2

POPULATION SUBGROUP

RACE: NONWHITE
SEX: TOTAL
CUMULATIVE EXPOSURE: 10+
LATENCY: <20
TIME PERIOD: TOTAL
AGE GROUP: TOTAL*****
TABLE TYPE 4: CAUSE SPECIFIC SMR'S AND CONFIDENCE INTERVALS

DSW 147076

STLCOPCB4038923

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
-----	---	---	---	----	-----	-----	-----
All Causes of Death	1	1.53	65.2	1.6	363.3	.3	484.5
All Malignant Neoplasms	0	.39	---	.0	950.9	.0	1365.7
Cancer of Large Intestine	0	.03	---	.0	14565.6	.0	20918.6
Cancer of Bronchus, Trachea, Lung	0	.13	---	.0	2836.4	.0	4073.5
Cancer of Breast	0	.02	---	.0	16907.3	.0	24281.6
Cancer of Prostate (Males only)	0	.02	---	.0	23751.9	.0	34111.6
All Heart Disease	0	.40	---	.0	916.8	.0	1316.7
All External Causes of Death	1	.18	558.6	14.0	3112.7	2.8	4150.7
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 13
PERSON YEARS: 107.4

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

DSW 147077

STLCOPCB4038924

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	2	2.89	69.2	8.4	250.0	3.6	320.9
All Malignant Neoplasms	1	.85	117.2	2.9	652.9	.6	870.6
Cancer of Large Intestine	0	.06	---	.0	5966.6	.0	8569.0
Cancer of Bronchus, Trachea, Lung	1	.31	325.0	8.1	1810.7	1.6	2414.5
Cancer of Breast	0	.00	---	.0	378759.9	.0	543960.4
Cancer of Prostate (Males only)	0	.11	---	.0	3384.2	.0	4860.3
All Heart Disease	1	.94	106.7	2.7	594.6	.5	792.9
All External Causes of Death	0	.15	---	.0	2503.5	.0	3595.5
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 27
PERSON YEARS: 280.6

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

DSW 147078

STLCOPCB4038925

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	3	4.42	67.8	14.0	198.2	7.6	248.2
All Malignant Neoplasms	1	1.24	80.6	2.0	448.8	.4	598.5
Cancer of Large Intestine	0	.09	---	.0	4232.7	.0	6078.9
Cancer of Bronchus, Trachea, Lung	1	.44	228.4	5.7	1272.8	1.1	1697.2
Cancer of Breast	0	.02	---	.0	16184.8	.0	23244.0
Cancer of Prostate (Males only)	0	.12	---	.0	2962.2	.0	4254.2
All Heart Disease	1	1.34	74.7	1.9	416.0	.4	554.7
All External Causes of Death	1	.33	306.4	7.7	1707.3	1.5	2276.6
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 55

PERSON YEARS: 599.7

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

CONFIDENCE INTERVALS

DSW 147079

STLCOPCB4038926

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	3.82	26.2	.7	145.8	.1	194.5
All Malignant Neoplasms	0	.83	---	.0	444.0	.0	637.6
Cancer of Large Intestine	0	.05	---	.0	6905.4	.0	9917.3
Cancer of Bronchus, Trachea, Lung	0	.26	---	.0	1404.4	.0	2016.9
Cancer of Breast	0	.06	---	.0	6549.8	.0	9406.6
Cancer of Prostate (Males only)	0	.02	---	.0	15356.7	.0	22054.7
All Heart Disease	0	.89	---	.0	415.1	.0	596.1
All External Causes of Death	1	.67	148.6	3.7	828.3	.7	1104.5
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

NUMBER AT RISK: 13
PERSON YEARS: 107.4

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

CONFIDENCE INTERVALS

DSW 147080

STLCOPCB4038927

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
-----	---	---	---	----	----	----	----
All Causes of Death	2	2.89	69.2	8.4	250.0	3.6	320.9
All Malignant Neoplasms	1	.85	117.2	2.9	652.9	.6	870.6
Cancer of Large Intestine	0	.06	---	.0	5966.6	.0	8569.0
Cancer of Bronchus, Trachea, Lung	1	.31	325.0	8.1	1810.7	1.6	2414.5
Cancer of Breast	0	.00	---	.0	378759.9	.0	543960.4
Cancer of Prostate (Males only)	0	.11	---	.0	3384.2	.0	4860.3
All Heart Disease	1	.94	106.7	2.7	594.6	.5	792.9
All External Causes of Death	0	.15	---	.0	2503.5	.0	3595.5
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

NUMBER AT RISK: 59
PERSON YEARS: 707.1

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

DSW 147081

STLCOPCB4038928

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
-----	---	---	---	----	----	----	----
All Causes of Death	3	6.71	44.7	9.2	130.6	5.0	163.6
All Malignant Neoplasms	1	1.68	59.4	1.5	330.8	.3	441.1
Cancer of Large Intestine	0	.12	---	.0	3200.9	.0	4597.0
Cancer of Bronchus, Trachea, Lung	1	.57	175.3	4.4	976.9	.9	1302.6
Cancer of Breast	0	.06	---	.0	6438.4	.0	9246.7
Cancer of Prostate (Males only)	0	.13	---	.0	2773.1	.0	3982.6
All Heart Disease	1	1.83	54.8	1.4	305.2	.3	406.9
All External Causes of Death	1	.82	121.9	3.0	679.4	.6	906.0
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 163
PERSON YEARS: 1432.9

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

CONFIDENCE INTERVALS

95% LIMITS

99% LIMITS

DSW 147082

STLCOPCB4038929

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	LOWER	UPPER	LOWER	UPPER
-----	---	---	---	-----	-----	-----	-----
All Causes of Death	3	4.62	64.9	13.4	189.7	7.3	237.5
All Malignant Neoplasms	1	.73	137.4	3.4	765.5	.7	1020.7
Cancer of Large Intestine	0	.05	---	.0	7722.1	.0	11090.2
Cancer of Bronchus, Trachea, Lung	0	.22	---	.0	1698.9	.0	2439.9
Cancer of Breast	0	.00	---	.0	420953.4	.0	604557.1
Cancer of Prostate (Males only)	0	.01	---	.0	27693.6	.0	39772.5
All Heart Disease	1	.85	117.1	2.9	652.5	.6	870.0
All External Causes of Death	0	1.57	---	.0	234.7	.0	337.0
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

NUMBER AT RISK: 1
PERSON YEARS: .6

POPULATION SUBGROUP

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

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

DSW 147083

CONFIDENCE INTERVALS

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

STLCOPCB4038930

-----	---	---	---	----	-----	-----	-----
All Causes of Death	0	.00	---	.0	96769.3	.0	138976.4
All Malignant Neoplasms	0	.00	---	.0	325447.3	.0	467395.0
Cancer of Large Intestine	0	.00	---	.0	4308083.0	.0	6187103.0
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	876668.6	.0	1259038.0
Cancer of Breast	0	.00	---	.0	256277100.0	.0	368055300.0
Cancer of Prostate (Males only)	0	.00	---	.0	17798640.0	.0	25561720.0
All Heart Disease	0	.00	---	.0	302564.6	.0	434531.7
All External Causes of Death	0	.00	---	.0	900066.6	.0	1292641.0
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 163
PERSON YEARS: 1433.4

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

DSW 147084

CONFIDENCE INTERVALS

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

STLCOPCB4038931

All Causes of Death	3	4.63	64.9	13.4	189.5	7.3	237.3
All Malignant Neoplasms	1	.73	137.2	3.4	764.3	.7	1019.1
Cancer of Large Intestine	0	.05	---	.0	7708.3	.0	11070.4
Cancer of Bronchus, Trachea, Lung	0	.22	---	.0	1695.6	.0	2435.1
Cancer of Breast	0	.00	---	.0	420263.1	.0	603565.7
Cancer of Prostate (Males only)	0	.01	---	.0	27650.6	.0	39710.7
- All Heart Disease	1	.86	116.9	2.9	651.5	.6	868.8
All External Causes of Death	0	1.57	---	.0	234.6	.0	337.0
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 165
PERSON YEARS: 983.6

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

CONFIDENCE INTERVALS

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

DSW 147085

All Causes of Death	2	4.65	43.1	5.2	155.5	2.2	199.6
All Malignant Neoplasms	0	1.04	---	.0	353.6	.0	507.8
Cancer of Large Intestine	0	.07	---	.0	4948.1	.0	7106.3
Cancer of Bronchus, Trachea, Lung	0	.37	---	.0	1008.9	.0	1448.9
Cancer of Breast	0	.00	---	.0	289246.1	.0	415404.1
Cancer of Prostate (Males only)	0	.03	---	.0	13237.3	.0	19010.9
All Heart Disease	0	1.29	---	.0	286.7	.0	411.8
All External Causes of Death	1	.90	110.9	2.8	618.0	.6	824.0
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 172
PERSON YEARS: 1793.5

POPULATION SUBGROUP

RACE: TOTAL
SEX: MALE
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		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	15	24.23	61.9	34.6	102.1	28.4	116.2

DSW 147086

STLCPCB4038933

All Malignant Neoplasms	6	7.38	81.3	29.9	177.0	20.8	212.3
Cancer of Large Intestine	1	.60	166.5	4.2	927.8	.8	1237.2
Cancer of Bronchus, Trachea, Lung	4	2.87	139.4	38.0	357.1	23.4	439.1
Cancer of Breast	0	.01	---	.0	45095.4	.0	64764.2
Cancer of Prostate (Males only)	0	.49	---	.0	753.3	.0	1081.8
All Heart Disease	5	8.59	58.2	18.9	135.9	12.6	164.8
All External Causes of Death	2	1.55	128.9	15.6	465.5	6.6	597.5
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

RACE: TOTAL
SEX: MALE
CUMULATIVE EXPOSURE: 10+
LATENCY: TOTAL
TIME PERIOD: TOTAL
AGE GROUP: TOTAL

NUMBER AT RISK: 216
PERSON YEARS: 2777.1

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

CONFIDENCE INTERVALS

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	17	28.87	58.9 *	34.3	94.3	28.6	106.6

DSW 147087

STLCOPCB4038934

All Malignant Neoplasms	6	8.42	71.3	26.2	155.1	18.3	186.0
Cancer of Large Intestine	1	.68	148.1	3.7	825.4	.7	1100.6
Cancer of Bronchus, Trachea, Lung	4	3.23	123.7	33.7	316.7	20.8	389.4
Cancer of Breast	0	.01	---	.0	39013.0	.0	56028.9
Cancer of Prostate (Males only)	0	.52	---	.0	712.7	.0	1023.6
All Heart Disease	5	9.87	50.6	16.4	118.2	10.9	143.3
All External Causes of Death	3	2.45	122.3	25.2	357.3	13.8	447.4
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 265
PERSON YEARS: 2416.5

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	5	9.27	54.0	17.5	125.9	11.6	152.7
All Malignant Neoplasms	1	1.77	56.5	1.4	314.6	.3	419.5

DSW 147088

STLCOPCB4038935

Cancer of Large Intestine	0	.12	---	.0	3015.7	.0	4331.1
Cancer of Bronchus, Trachea, Lung	0	.58	---	.0	633.0	.0	909.1
Cancer of Breast	0	.00	---	.0	171443.5	.0	246220.6
Cancer of Prostate (Males only)	0	.04	---	.0	8956.3	.0	12862.7
All Heart Disease	1	2.14	46.7	1.2	260.3	.2	347.1
All External Causes of Death	1	2.47	40.4	1.0	225.3	.2	300.4
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 173
PERSON YEARS: 1794.1

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	15	24.23	61.9	34.6	102.1	28.4	116.2
All Malignant Neoplasms	6	7.38	81.3	29.8	177.0	20.8	212.3

DSW 147089

STLCOPCB4038936

Cancer of Large Intestine	1	.60	166.5	4.2	927.7	.8	1237.0
Cancer of Bronchus, Trachea, Lung	4	2.87	139.4	38.0	357.0	23.4	439.0
Cancer of Breast	0	.01	---	.0	45087.4	.0	64752.8
Cancer of Prostate (Males only)	0	.49	---	.0	753.3	.0	1081.8
All Heart Disease	5	8.59	58.2	18.9	135.8	12.6	164.7
All External Causes of Death	2	1.55	128.8	15.6	465.4	6.6	597.4
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

13:3512/05

POPULATION SUBGROUP

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 316
PERSON YEARS: 4210.5

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		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	20	33.50	59.7 *	36.5	92.2	30.9	103.5
All Malignant Neoplasms	7	9.15	76.5	30.8	157.7	22.3	187.3
Cancer of Large Intestine	1	.72	138.3	3.5	770.7	.7	1027.7

DSW 147090

STLCOPCB4038937

Cancer of Bronchus, Trachea, Lung	4	3.45	115.9	31.6	296.7	19.5	364.9
Cancer of Breast	0	.01	---	.0	35699.0	.0	51269.6
Cancer of Prostate (Males only)	0	.53	---	.0	694.8	.0	997.9
All Heart Disease	6	10.73	55.9	20.5	121.7	14.3	145.9
All External Causes of Death	3	4.03	74.5	15.4	217.8	8.4	272.6
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 62
PERSON YEARS: 588.6

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	1.23	---	.0	300.6	.0	431.7
All Malignant Neoplasms	0	.44	---	.0	837.6	.0	1202.9
Cancer of Large Intestine	0	.03	---	.0	13629.8	.0	19574.7

DSW 147091

STLCOPCB4038938

Cancer of Bronchus, Trachea, Lung	0	.08	---	.0	4489.9	.0	6448.2
Cancer of Breast	0	.13	---	.0	2935.0	.0	4215.1
Cancer of Prostate (Males only)	0	.00	---	.0	114930400.0	.0	165058600.0
All Heart Disease	0	.21	---	.0	1775.9	.0	2550.4
All External Causes of Death	0	.18	---	.0	2096.3	.0	3010.7
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 0
PERSON YEARS: .0

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

CONFIDENCE INTERVALS

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				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 147092

STLCOPCB4038939

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 62
PERSON YEARS: 588.6

POPULATION SUBGROUP

RACE: TOTAL
SEX: FEMALE
CUMULATIVE EXPOSURE: <10
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		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	1.23	---	.0	300.6	.0	431.7
All Malignant Neoplasms	0	.44	---	.0	837.6	.0	1202.9
Cancer of Large Intestine	0	.03	---	.0	13629.8	.0	19574.7
Cancer of Bronchus, Trachea, Lung	0	.08	---	.0	4489.9	.0	6448.2

DSW 147093

Cancer of Breast	0	.13	---	.0	2935.0	.0	4215.1
Cancer of Prostate (Males only)	0	.00	---	.0	114930400.0	.0	165058600.0
All Heart Disease	0	.21	---	.0	1775.9	.0	2550.4
All External Causes of Death	0	.18	---	.0	2096.3	.0	3010.7
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 16
PERSON YEARS: 117.3

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

CONFIDENCE INTERVALS

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	.48	---	.0	775.9	.0	1114.4
All Malignant Neoplasms	0	.18	---	.0	2041.3	.0	2931.7
Cancer of Large Intestine	0	.01	---	.0	29148.9	.0	41862.6
Cancer of Bronchus, Trachea, Lung	0	.04	---	.0	9783.9	.0	14051.3
Cancer of Breast	0	.05	---	.0	7448.0	.0	10696.5

DSW 147094

STLCOPCB4038941

Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	0	.10	---	.0	3712.9	.0	5332.4
All External Causes of Death	0	.04	---	.0	10449.3	.0	15006.9
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 10
PERSON YEARS: 113.4

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	1.66	60.2	1.5	335.2	.3	446.9
All Malignant Neoplasms	0	.59	---	.0	625.6	.0	898.5
Cancer of Large Intestine	0	.05	---	.0	6790.2	.0	9751.8
Cancer of Bronchus, Trachea, Lung	0	.15	---	.0	2485.6	.0	3569.7
Cancer of Breast	0	.11	---	.0	3432.4	.0	4929.4

DSW 147095

STLCOPCB4038942

Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.50	199.3	5.0	1110.7	1.0	1481.0
All External Causes of Death	0	.04	---	.0	8567.2	.0	12303.9
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 23

PERSON YEARS: 230.7

POPULATION SUBGROUP

RACE: TOTAL

SEX: FEMALE

CUMULATIVE EXPOSURE: 10+

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		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	2.14	46.8	1.2	260.6	.2	347.5
All Malignant Neoplasms	0	.77	---	.0	478.9	.0	687.7
Cancer of Large Intestine	0	.07	---	.0	5507.3	.0	7909.3
Cancer of Bronchus, Trachea, Lung	0	.19	---	.0	1982.1	.0	2846.6
Cancer of Breast	0	.16	---	.0	2349.6	.0	3374.4
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---

DSW 147096

STLCOPCB4038943

All Heart Disease	1	.60	166.4	4.2	927.1	.8	1236.2
All External Causes of Death	0	.08	---	.0	4707.6	.0	6760.8
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 63
PERSON YEARS: 705.9

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		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	0	1.70	---	.0	216.7	.0	311.2
All Malignant Neoplasms	0	.62	---	.0	593.9	.0	852.9
Cancer of Large Intestine	0	.04	---	.0	9287.2	.0	13337.9
Cancer of Bronchus, Trachea, Lung	0	.12	---	.0	3077.6	.0	4419.9
Cancer of Breast	0	.18	---	.0	2105.3	.0	3023.6
Cancer of Prostate (Males only)	0	.00	---	.0	114930400.0	.0	165058600.0

DSW 147097

STLCOPCB4038944

All Heart Disease	0	.31	---	.0	1201.3	.0	1725.2
All External Causes of Death	0	.21	---	.0	1746.0	.0	2507.6
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 10
PERSON YEARS: 113.4

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	1.66	60.2	1.5	335.2	.3	446.9
All Malignant Neoplasms	0	.59	---	.0	625.6	.0	898.5
Cancer of Large Intestine	0	.05	---	.0	6790.2	.0	9751.8
Cancer of Bronchus, Trachea, Lung	0	.15	---	.0	2485.6	.0	3569.7
Cancer of Breast	0	.11	---	.0	3432.4	.0	4929.4
Cancer of Prostate (Males only)	0	.00	---	---	---	---	---
All Heart Disease	1	.50	199.3	5.0	1110.7	1.0	1481.0

DSW 147098

All External Causes of Death	0	.04	---	.0	8567.2	.0	12303.9
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
 POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
 EXPECTED NUMBERS BASED ON: United States Population 1980-1994
 CUMULATIVE EXPOSURE UNITS: Years Worked
 SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 70
 PERSON YEARS: 819.3

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	1	3.37	29.7	.7	165.6	.1	220.8
All Malignant Neoplasms	0	1.21	---	.0	304.7	.0	437.6
Cancer of Large Intestine	0	.09	---	.0	3922.4	.0	5633.2
Cancer of Bronchus, Trachea, Lung	0	.27	---	.0	1375.0	.0	1974.8
Cancer of Breast	0	.28	---	.0	1304.9	.0	1874.1
Cancer of Prostate (Males only)	0	.00	---	.0	114930400.0	.0	165058600.0
All Heart Disease	1	.81	123.6	3.1	689.0	.6	918.7

DSW 147099

STLCOPCB4038946

All External Causes of Death	0	.25	---	.0	1450.4	.0	2083.1
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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
 POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
 EXPECTED NUMBERS BASED ON: United States Population 1980-1994
 CUMULATIVE EXPOSURE UNITS: Years Worked
 SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 225
 PERSON YEARS: 2021.5

 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	3	5.85	51.3	10.6	149.9	5.8	187.7
All Malignant Neoplasms	1	1.17	85.6	2.1	476.9	.4	635.9
Cancer of Large Intestine	0	.07	---	.0	4929.4	.0	7079.3
Cancer of Bronchus, Trachea, Lung	0	.30	---	.0	1232.5	.0	1770.1
Cancer of Breast	0	.13	---	.0	2914.7	.0	4185.9
Cancer of Prostate (Males only)	0	.01	---	.0	27687.0	.0	39762.9
All Heart Disease	1	1.06	94.2	2.4	524.8	.5	699.8
All External Causes of Death	0	1.75	---	.0	211.1	.0	303.1

DSW 147100

STLCOPCB4038947

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 1
PERSON YEARS: .6

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	---	.0	96769.3	.0	138976.4
All Malignant Neoplasms	0	.00	---	.0	325447.3	.0	467395.0
Cancer of Large Intestine	0	.00	---	.0	4308083.0	.0	6187103.0
Cancer of Bronchus, Trachea, Lung	0	.00	---	.0	876668.6	.0	1259038.0
Cancer of Breast	0	.00	---	.0	256277100.0	.0	368055300.0
Cancer of Prostate (Males only)	0	.00	---	.0	17798640.0	.0	25561720.0
All Heart Disease	0	.00	---	.0	302564.6	.0	434531.7
All External Causes of Death	0	.00	---	.0	900066.6	.0	1292641.0

DSW 147101

STLCOPCB4038948

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 225
PERSON YEARS: 2022.0

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	3	5.85	51.3	10.6	149.8	5.8	187.6
All Malignant Neoplasms	1	1.17	85.5	2.1	476.4	.4	635.3
Cancer of Large Intestine	0	.07	---	.0	4923.7	.0	7071.3
Cancer of Bronchus, Trachea, Lung	0	.30	---	.0	1230.8	.0	1767.6
Cancer of Breast	0	.13	---	.0	2914.6	.0	4185.9
Cancer of Prostate (Males only)	0	.01	---	.0	27644.0	.0	39701.2
All Heart Disease	1	1.06	94.1	2.4	524.2	.5	699.0
All External Causes of Death	0	1.75	---	.0	211.0	.0	303.0
Unknown Causes (In All Causes Category Only)	0						

DSW 147102

STLCOPCB4038949

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

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 181
PERSON YEARS: 1100.9

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	2	5.12	39.1	4.7	141.1	2.0	181.1
All Malignant Neoplasms	0	1.22	---	.0	301.4	.0	432.9
Cancer of Large Intestine	0	.09	---	.0	4230.1	.0	6075.1
Cancer of Bronchus, Trachea, Lung	0	.40	---	.0	914.6	.0	1313.5
Cancer of Breast	0	.05	---	.0	7261.0	.0	10428.0
Cancer of Prostate (Males only)	0	.03	---	.0	13237.3	.0	19010.9
All Heart Disease	0	1.39	---	.0	266.2	.0	382.3
All External Causes of Death	1	.94	106.7	2.7	594.7	.5	793.0
Unknown Causes (In All Causes Category Only)	0						

DSW 147103

STLCOPCB4038950

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

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 182

PERSON YEARS: 1906.9

POPULATION SUBGROUP

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

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	16	25.89	61.8	35.3	100.4	29.2	113.9
All Malignant Neoplasms	6	7.97	75.3	27.6	163.9	19.3	196.6
Cancer of Large Intestine	1	.65	152.7	3.8	850.8	.8	1134.6
Cancer of Bronchus, Trachea, Lung	4	3.02	132.6	36.1	339.5	22.3	417.5
Cancer of Breast	0	.12	---	.0	3189.6	.0	4580.8
Cancer of Prostate (Males only)	0	.49	---	.0	753.3	.0	1081.8
All Heart Disease	6	9.09	66.0	24.2	143.7	16.9	172.3
All External Causes of Death	2	1.60	125.4	15.2	452.9	6.5	581.4
Unknown Causes (In All Causes Category Only)	0						

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

DSW 147104

STLCOPCB4038951

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
 POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
 EXPECTED NUMBERS BASED ON: United States Population 1980-1994
 CUMULATIVE EXPOSURE UNITS: Years Worked
 SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 239
 PERSON YEARS: 3007.8

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	18	31.01	58.0 *	34.4	91.7	28.8	103.5
All Malignant Neoplasms	6	9.19	65.3	24.0	142.1	16.7	170.4
Cancer of Large Intestine	1	.74	134.8	3.4	750.9	.7	1001.2
Cancer of Bronchus, Trachea, Lung	4	3.42	117.0	31.9	299.5	19.6	368.2
Cancer of Breast	0	.17	---	.0	2216.1	.0	3182.7
Cancer of Prostate (Males only)	0	.52	---	.0	712.7	.0	1023.6
All Heart Disease	6	10.48	57.3	21.0	124.7	14.7	149.5
All External Causes of Death	3	2.53	118.5	24.4	346.2	13.3	433.5
Unknown Causes (In All Causes Category Only)	0						

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

DSW 147105

STLCOPCB4038952

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
 POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
 EXPECTED NUMBERS BASED ON: United States Population 1980-1994
 CUMULATIVE EXPOSURE UNITS: Years Worked
 SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 328
 PERSON YEARS: 3122.4

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	5	10.97	45.6	14.8	106.4	9.8	129.0
All Malignant Neoplasms	1	2.39	41.8	1.0	232.9	.2	310.6
Cancer of Large Intestine	0	.16	---	.0	2276.5	.0	3269.4
Cancer of Bronchus, Trachea, Lung	0	.70	---	.0	525.0	.0	754.0
Cancer of Breast	0	.18	---	.0	2079.8	.0	2986.9
Cancer of Prostate (Males only)	0	.04	---	.0	8955.6	.0	12861.7
All Heart Disease	1	2.45	40.9	1.0	227.7	.2	303.6
All External Causes of Death	1	2.68	37.2	.9	207.5	.2	276.7
Unknown Causes (In All Causes Category Only)	0						

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

DSW 147106

STLCOPCB4038953

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked
SUBGROUP DATA

POPULATION SUBGROUP

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

NUMBER AT RISK: 183
PERSON YEARS: 1907.5

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	16	25.89	61.8	35.3	100.3	29.2	113.9
All Malignant Neoplasms	6	7.97	75.3	27.6	163.9	19.3	196.6
Cancer of Large Intestine	1	.65	152.7	3.8	850.7	.8	1134.4
Cancer of Bronchus, Trachea, Lung	4	3.02	132.6	36.1	339.4	22.3	417.4
Cancer of Breast	0	.12	---	.0	3189.6	.0	4580.7
Cancer of Prostate (Males only)	0	.49	---	.0	753.3	.0	1081.8
All Heart Disease	6	9.09	66.0	24.2	143.6	16.9	172.3
All External Causes of Death	2	1.60	125.4	15.2	452.8	6.5	581.3
Unknown Causes (In All Causes Category Only)	0						

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

DSW 147107

OCMAP PC: OCCUPATIONAL COHORT MORTALITY ANALYSIS PROGRAM

13:3512/05

STLCOPCB4038954

MODULE 1: STANDARDIZED MORTALITY RATIO ANALYSIS, VERSION 2.1

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

EXPECTED NUMBERS BASED ON: United States Population 1980-1994

CUMULATIVE EXPOSURE UNITS: Years Worked

SUBGROUP DATA

NUMBER AT RISK: 386
PERSON YEARS: 5029.8

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

CAUSE OF DEATH (ICDA 8TH REVISION CODES)	OBS	EXP	SMR	CONFIDENCE INTERVALS			
				95% LIMITS		99% LIMITS	
				LOWER	UPPER	LOWER	UPPER
All Causes of Death	21	36.86	57.0 **	35.3	87.1	30.0	97.5
All Malignant Neoplasms	7	10.36	67.6	27.2	139.2	19.7	165.4
Cancer of Large Intestine	1	.82	122.4	3.1	682.0	.6	909.4
Cancer of Bronchus, Trachea, Lung	4	3.72	107.5	29.3	275.3	18.1	338.6
Cancer of Breast	0	.29	---	.0	1258.9	.0	1808.0
Cancer of Prostate (Males only)	0	.53	---	.0	694.8	.0	997.9
All Heart Disease	7	11.54	60.7	24.4	125.0	17.7	148.5
All External Causes of Death	3	4.28	70.1	14.5	204.8	7.9	256.4
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

13:3512/05

DSW 147108

STLCOPCB4038955

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
 POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
 EXPECTED NUMBERS BASED ON: United States Population 1980-1994
 CUMULATIVE EXPOSURE UNITS: Years Worked

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	3	1	4
	EXP	2.78	3.34	6.12
	SMR (SIG)	107.8	30.0	65.4
	AT RISK	132	149	229
	PERSON YRS	1158.8	863.9	2022.8
20+	OBS	0	13	13
	EXP	.00	21.34	21.34
	SMR (SIG)	---	60.9	60.9
	AT RISK	1	159	160
	PERSON YRS	.6	1686.1	1686.6
TOTAL	OBS	3	14	17
	EXP	2.79	24.67	27.46
	SMR (SIG)	107.6	56.7 *	61.9 *
	AT RISK	132	196	276
	PERSON YRS	1159.4	2550.0	3709.4

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

	INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
MINIMUM	9.887671	6.527036

DSW 147109

STLCOPCB4038956

MAXIMUM 48.45480 40.06845
MEAN 28.63546 23.60398

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked

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	.78	.25	1.03
	SMR (SIG)	---	---	---
	AT RISK	43	9	44
	PERSON YRS	436.2	63.8	499.9
20+	OBS	0	1	1
	EXP	.00	1.66	1.66
	SMR (SIG)	---	60.2	60.2
	AT RISK	0	10	10
	PERSON YRS	.0	113.4	113.4
TOTAL	OBS	0	1	1
	EXP	.78	1.91	2.69
	SMR (SIG)	---	52.2	37.1
	AT RISK	43	16	51
	PERSON YRS	436.2	177.2	613.3

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

DSW 147110

STLCOPCB4038957

	INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
MINIMUM	45.78082	38.34634
MAXIMUM	45.78082	38.34634
MEAN	45.78082	38.34634

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked

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	3	1	4
	EXP	3.56	3.59	7.15
	SMR (SIG)	84.2	27.9	56.0
	AT RISK	175	158	273
	PERSON YRS	1595.0	927.7	2522.7
20+	OBS	0	14	14
	EXP	.00	23.00	23.01
	SMR (SIG)	---	60.9	60.9
	AT RISK	1	169	170
	PERSON YRS	.6	1799.5	1800.0
TOTAL	OBS	3	15	18
	EXP	3.57	26.59	30.15
	SMR (SIG)	84.1	56.4 *	59.7 *

DSW 147111

AT RISK	175	212	327
PERSON YRS	1595.5	2727.2	4322.7

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

	INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
MINIMUM	9.887671	6.527036
MAXIMUM	48.45480	40.06845
MEAN	29.58798	24.42300

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked

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	1.84	1.31	3.15
	SMR (SIG)	---	76.3	31.8
	AT RISK	31	16	36
	PERSON YRS	274.1	119.6	393.7
20+	OBS	0	2	2
	EXP	.00	2.89	2.89
	SMR (SIG)	---	69.2	69.2
	AT RISK	0	13	13

DSW 147112

STLCOPCB4038959

	PERSON YRS	.0	107.4	107.4
TOTAL	OBS	0	3	3
	EXP	1.84	4.20	6.04
	SMR (SIG)	---	71.4	49.7
	AT RISK	31	20	40
	PERSON YRS	274.1	227.1	501.1

* 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	48.21096	37.42094
MEAN	31.50776	25.71937

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked

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		+-----<10-----	10+	TOTAL	+-----CUMULATIVE-EXPOSURE-----+
<20	OBS	0	0	0	
	EXP	.45	.22	.67	
	SMR (SIG)	---	---	---	
	AT RISK	19	7	19	
	PERSON YRS	152.4	53.5	206.0	

DSW 147113

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	.45	.22	.67
	SMR (SIG)	---	---	---
	AT RISK	19	7	19
	PERSON YRS	152.4	53.5	206.0

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

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

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

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POPULATION SUBGROUP

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked

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

DSW 147114

STLCOPCB4038961

<20	OBS	0	1	1
	EXP	2.29	1.53	3.82
	SMR (SIG)	---	65.2	26.2
	AT RISK	50	23	55
	PERSON YRS	426.5	173.2	599.7
20+	OBS	0	2	2
	EXP	.00	2.89	2.89
	SMR (SIG)	---	69.2	69.2
	AT RISK	0	13	13
	PERSON YRS	.0	107.4	107.4
TOTAL	OBS	0	3	3
	EXP	2.29	4.42	6.71
	SMR (SIG)	---	67.8	44.7
	AT RISK	50	27	59
	PERSON YRS	426.5	280.6	707.1

* 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	48.21096	37.42094
MEAN	31.50776	25.71937

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
EXPECTED NUMBERS BASED ON: United States Population 1980-1994
CUMULATIVE EXPOSURE UNITS: Years Worked

POPULATION SUBGROUP

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

TABLE TYPE 5: MORTALITY BY CUMULATIVE EXPOSURE AND LATENCY

DSW 147115

STLCOPCB4038962

CAUSE OF DEATH: All Causes of Death

LATENCY		-----CUMULATIVE-EXPOSURE-----		
		<10	10+	TOTAL
<20	OBS	3	2	5
	EXP	4.62	4.65	9.27
	SMR (SIG)	64.9	43.1	54.0
	AT RISK	163	165	265
	PERSON YRS	1432.9	983.6	2416.5
20+	OBS	0	15	15
	EXP	.00	24.23	24.23
	SMR (SIG)	---	61.9	61.9
	AT RISK	1	172	173
	PERSON YRS	.6	1793.5	1794.1
TOTAL	OBS	3	17	20
	EXP	4.63	28.87	33.50
	SMR (SIG)	64.9	58.9 *	59.7 *
	AT RISK	163	216	316
	PERSON YRS	1433.4	2777.1	4210.5

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

	INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
MINIMUM	9.887671	6.527036
MAXIMUM	48.45480	40.06845
MEAN	29.06630	23.92129

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston

POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994

POPULATION SUBGROUP

RACE: TOTAL

DSW 147116

STLCOPCB4038963

EXPECTED NUMBERS BASED ON: United States Population 1980-1994
 CUMULATIVE EXPOSURE UNITS: Years Worked

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	1.23	.48	1.70
	SMR (SIG)	---	---	---
	AT RISK	62	16	63
	PERSON YRS	588.6	117.3	705.9
20+	OBS	0	1	1
	EXP	.00	1.66	1.66
	SMR (SIG)	---	60.2	60.2
	AT RISK	0	10	10
	PERSON YRS	.0	113.4	113.4
TOTAL	OBS	0	1	1
	EXP	1.23	2.14	3.37
	SMR (SIG)	---	46.8	29.7
	AT RISK	62	23	70
	PERSON YRS	588.6	230.7	819.3

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

	INTERVAL FROM ONSET OF EXPOSURE (DECEDENTS ONLY)	CUMULATIVE EXPOSURE (DECEDENTS ONLY)
MINIMUM	45.78082	38.34634
MAXIMUM	45.78082	38.34634
MEAN	45.78082	38.34634

DSW 147117

STLCOPCB4038964

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

13:3512/05

PROJECT TITLE: Monsanto Mortality Surveillance - Anniston
 POPULATION SELECTED: Chemical Company & General Office MARS Population Working between 1980 & 1994
 EXPECTED NUMBERS BASED ON: United States Population 1980-1994
 CUMULATIVE EXPOSURE UNITS: Years Worked

POPULATION SUBGROUP

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

 TABLE TYPE 5: MORTALITY BY CUMULATIVE EXPOSURE AND LATENCY

CAUSE OF DEATH: All Causes of Death

LATENCY	-----CUMULATIVE-EXPOSURE-----		
	<10	10+	TOTAL
<20	OBS	3	2
	EXP	5.85	5.12
	SMR (SIG)	51.3	39.1
	AT RISK	225	181
	PERSON YRS	2021.5	1100.9
20+	OBS	0	16
	EXP	.00	25.89
	SMR (SIG)	---	61.8
	AT RISK	1	182
	PERSON YRS	.6	1906.9
TOTAL	OBS	3	18
	EXP	5.85	31.01
	SMR (SIG)	51.3	58.0 *
	AT RISK	225	239
	PERSON YRS	2022.0	3007.8

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

INTERVAL FROM ONSET
 OF EXPOSURE

CUMULATIVE
 EXPOSURE

DSW 147118

STLCOPCB4038965