

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C1 Lived with Pets	Overall	1324	79.0	21.0	1.9
	M/S FP	326	80.6	19.4	2.4
	M/S Near FP	264	76.9	23.1	3.3
	M/S Out FP	304	76.5	23.5	2.7
	M/S Plume	71	77.9	22.1 ^a	5.6
	Jackson/Calhoun	359	81.3	18.7	2.9

Note: C1 asked participants whether they ever lived on a property where pets frequently went in and out of the home.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

SAS program: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ Multi_Table_May2008.sas

DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat

Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED WITH PETS: TOTAL									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C1 Lived With Pets	Overall	1030	29.1	0.8	3.0	14.0	25.6	44.0	62.0
	M/S FP	256	28.8	1.4	3.0	15.0	23.0	43.4	62.4
	M/S Near FP	203	27.6	1.3	5.0	15.0	23.6	41.0	58.0
	M/S Out FP	228	27.9	1.4	3.0	13.8	22.8	42.8	61.0
	M/S Plume	49	30.2	4.5	1.0	12.0	30.2	48.0	65.6
	Jackson/Calhoun	294	30.1	1.0	4.0	14.0	28.0	46.0	62.0
# YEARS LIVED WITH PETS: 1910-1939									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C1 Lived With Pets	Overall	226	3.3	0.6	0.0	0.0	0.0	5.0	15.0
	M/S FP	69	2.3	0.6	0.0	0.0	0.0	2.2	13.0
	M/S Near FP	37	2.2 ^a	0.9	0.0	0.0	0.0	0.0	19.0
	M/S Out FP	42	3.3 ^a	1.0	0.0	0.0	0.0	5.0	13.0
	M/S Plume	15	3.9 ^a	1.9	0.0	0.0	0.4	3.0	24.0
	Jackson/Calhoun	63	3.3	0.7	0.0	0.0	0.0	5.0	18.0
# YEARS LIVED WITH PETS: 1940-1959									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C1 Lived With Pets	Overall	705	4.8	0.4	0.0	0.0	1.0	8.0	20.0
	M/S FP	196	4.5	0.5	0.0	0.0	0.0	8.4	20.0
	M/S Near FP	144	3.3	0.5	0.0	0.0	0.0	5.0	17.0
	M/S Out FP	142	4.5	0.7	0.0	0.0	0.0	8.0	20.0
	M/S Plume	37	4.5 ^a	1.4	0.0	0.0	2.0	6.0	20.0
	Jackson/Calhoun	186	5.2	0.4	0.0	0.0	2.0	8.0	20.0

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED WITH PETS: 1960-1979									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C1 Lived With Pets	Overall	969	9.8	0.4	0.0	0.0	10.0	20.0	20.0
	M/S FP	241	9.5	0.7	0.0	0.0	9.0	20.0	20.0
	M/S Near FP	191	9.6	0.7	0.0	0.0	10.0	17.0	20.0
	M/S Out FP	211	9.4	0.7	0.0	0.0	8.6	18.6	20.0
	M/S Plume	48	10.3	1.8	0.0	0.0	10.0	20.0	20.0
	Jackson/Calhoun	278	10.1	0.5	0.0	0.0	11.0	20.0	20.0
# YEARS LIVED WITH PETS: 1980-2005									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C1 Lived With Pets	Overall	1030	17.0	0.5	0.0	9.0	20.0	26.0	26.0
	M/S FP	256	16.6	0.7	0.0	8.2	19.0	25.0	26.0
	M/S Near FP	203	16.2	0.7	0.0	9.0	18.0	25.0	26.0
	M/S Out FP	228	16.5	0.8	0.0	7.0	19.6	25.4	26.0
	M/S Plume	49	16.0	2.3	0.0	3.0	18.8	26.0	26.0
	Jackson/Calhoun	294	17.4	0.6	1.0	9.0	20.0	26.0	26.0

Note: Table shows the total number of years among participants who had ever lived with pets where pets frequently went in and out of the home and were alive during the years of interest.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, $CV(\text{estimate}) > 0.25$

SAS program: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ Multi_Table_May2008.sas

DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bd

Procedure: PROC 3

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C2	Overall	1324	39.4	60.6	1.7
Lived	M/S FP	326	41.2	58.8	3.2
where	M/S Near FP	264	48.2	51.8	3.7
Shoes	M/S Out FP	304	45.9	54.1	2.7
Taken	M/S Plume	71	27.0 ^a	73.0	7.8
Off	Jackson/Calhoun	359	34.3	65.7	2.4

Note: C2 asked participants whether they ever lived on a property where most household members usually removed their shoes before coming into the house.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

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Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED WHERE SHOES WERE TAKEN OFF: TOTAL									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C2 Lived where Shoes Taken Off	Overall	546	33.4	1.4	7.0	16.0	30.0	48.2	73.0
	M/S FP	136	35.9	1.8	7.0	22.0	35.0	49.6	64.0
	M/S Near FP	125	35.6	1.7	7.0	21.0	34.2	51.0	63.0
	M/S Out FP	145	37.2	1.9	7.0	20.0	39.4	50.0	75.0
	M/S Plume	21	37.4	4.4	15.0	25.0	37.0	48.0	72.0
	Jackson/Calhoun	119	28.4	2.3	7.0	13.0	21.0	43.0	72.0
# YEARS LIVED WHERE SHOES WERE TAKEN OFF: 1910-1939									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C2 Lived where Shoes Taken Off	Overall	100	4.7	0.9	0.0	0.0	1.0	9.0	16.0
	M/S FP	29	2.5 ^a	1.2	0.0	0.0	0.0	1.0	16.0
	M/S Near FP	16	3.7 ^a	1.5	0.0	0.0	0.0	7.0	17.0
	M/S Out FP	24	5.9	1.4	0.0	0.0	4.0	10.0	17.0
	M/S Plume	9	2.3 ^a	1.1	---	---	0.0	---	---
	Jackson/Calhoun	22	3.7 ^a	1.3	0.0	0.0	0.0	9.0	14.0
# YEARS LIVED WHERE SHOES WERE TAKEN OFF: 1940-1959									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C2 Lived where Shoes Taken Off	Overall	351	6.3	0.6	0.0	0.0	3.0	11.0	20.0
	M/S FP	98	5.8	0.8	0.0	0.0	1.4	12.6	20.0
	M/S Near FP	83	4.8	0.7	0.0	0.0	0.0	8.0	20.0
	M/S Out FP	90	7.6	0.8	0.0	0.0	4.0	13.2	20.0
	M/S Plume	14	4.6 ^a	2.0	0.0	0.0	2.0	2.0	20.0
	Jackson/Calhoun	66	4.7	1.0	0.0	0.0	0.0	7.0	20.0

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED WHERE SHOES WERE TAKEN OFF: 1960-1979									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C2	Overall	503	11.8	0.5	0.0	2.0	15.0	20.0	20.0
Lived	M/S FP	127	12.1	0.9	0.0	1.0	16.4	20.0	20.0
where	M/S Near FP	115	11.4	1.0	0.0	0.0	16.0	20.0	20.0
Shoes	M/S Out FP	133	13.7	0.7	0.0	7.8	18.0	20.0	20.0
Taken	M/S Plume	20	13.0	2.5	0.0	8.0	18.0	20.0	20.0
Off	Jackson/Calhoun	108	9.2	0.8	0.0	0.0	7.0	20.0	20.0
# YEARS LIVED WHERE SHOES WERE TAKEN OFF: 1980-2005									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C2	Overall	546	18.9	0.7	0.0	11.0	25.0	26.0	26.0
Lived	M/S FP	136	21.2	0.7	6.0	18.0	25.0	26.0	26.0
where	M/S Near FP	125	21.8	0.6	6.0	21.0	25.0	26.0	26.0
Shoes	M/S Out FP	145	19.4	1.0	0.0	11.0	25.0	26.0	26.0
Taken	M/S Plume	21	21.5	1.9	1.0	16.0	26.0	26.0	26.0
Off	Jackson/Calhoun	119	17.9	1.1	0.0	11.0	21.0	26.0	26.0

Note: Table shows the total number of years among participants who had ever lived on a property where most household members usually removed their shoes before coming into the house and were alive during the years of interest.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, $CV(\text{estimate}) > 0.25$

--- Estimate not shown to maintain confidentiality of study participants.

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DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat

Procedure: PROC 3

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C3 Lived on Property with a Vegetable Garden	Overall	1324	66.3	33.7	2.3
	M/S FP	326	67.9	32.1	3.0
	M/S Near FP	264	69.5	30.5	3.4
	M/S Out FP	304	70.8	29.2	3.1
	M/S Plume	71	56.9	43.1	8.4
	Jackson/Calhoun	359	62.9	37.1	3.6

Note: C3 asked participants whether they ever lived on a property where they, themselves, had a vegetable garden.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

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Procedure: PROC 1

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Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED WHERE PARTICIPANT HAD A VEGETABLE GARDEN: TOTAL									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C3 Lived on Property with a Vegetable Garden	Overall	882	18.8	0.9	1.0	5.0	13.0	27.0	56.2
	M/S FP	222	18.8	1.3	2.0	4.0	14.0	27.2	51.0
	M/S Near FP	182	18.8	1.2	3.0	6.0	14.0	28.0	51.0
	M/S Out FP	211	20.4	1.5	1.0	5.0	14.0	31.0	59.0
	M/S Plume	39	19.1	4.0	4.0	7.0	9.0	25.4	68.0
	Jackson/Calhoun	228	17.2	1.0	1.0	4.0	12.0	26.0	48.0
# YEARS LIVED WHERE PARTICIPANT HAD A VEGETABLE GARDEN: 1910-1939									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C3 Lived on Property with a Vegetable Garden	Overall	223	1.8	0.3	0.0	0.0	0.0	0.0	13.0
	M/S FP	67	1.0 ^a	0.4	0.0	0.0	0.0	0.0	10.0
	M/S Near FP	41	1.6 ^a	0.6	0.0	0.0	0.0	0.0	10.0
	M/S Out FP	46	2.7	0.7	0.0	0.0	0.0	1.0	17.0
	M/S Plume	18	2.7 ^a	1.5	0.0	0.0	0.0	2.0	24.0
	Jackson/Calhoun	51	0.7 ^a	0.4	0.0	0.0	0.0	0.0	8.0
# YEARS LIVED WHERE PARTICIPANT HAD A VEGETABLE GARDEN: 1940-1959									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C3 Lived on Property with a Vegetable Garden	Overall	677	3.1	0.3	0.0	0.0	0.0	3.0	20.0
	M/S FP	184	2.5	0.4	0.0	0.0	0.0	2.0	15.0
	M/S Near FP	144	2.3	0.4	0.0	0.0	0.0	2.0	13.0
	M/S Out FP	149	3.9	0.6	0.0	0.0	0.0	6.0	20.0
	M/S Plume	34	3.7 ^a	1.5	0.0	0.0	0.0	1.6	20.0
	Jackson/Calhoun	166	2.2	0.4	0.0	0.0	0.0	1.0	15.0

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED WHERE PARTICIPANT HAD A VEGETABLE GARDEN: 1960-1979									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C3 Lived on Property with a Vegetable Garden	Overall	855	6.2	0.4	0.0	0.0	2.0	12.0	20.0
	M/S FP	215	6.6	0.6	0.0	0.0	3.0	14.0	20.0
	M/S Near FP	176	7.0	0.6	0.0	0.0	4.0	12.0	20.0
	M/S Out FP	202	7.0	0.6	0.0	0.0	4.0	15.0	20.0
	M/S Plume	39	5.1 ^a	1.4	0.0	0.0	3.0	8.0	20.0
	Jackson/Calhoun	223	5.6	0.5	0.0	0.0	1.0	11.0	20.0
# YEARS LIVED WHERE PARTICIPANT HAD A VEGETABLE GARDEN: 1980-2005									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C3 Lived on Property with a Vegetable Garden	Overall	882	10.5	0.5	0.0	2.0	7.4	19.0	26.0
	M/S FP	222	10.4	0.8	0.0	2.0	9.0	17.2	26.0
	M/S Near FP	182	10.1	0.8	0.0	2.0	7.0	16.0	26.0
	M/S Out FP	211	10.7	0.8	0.0	2.0	7.0	21.0	26.0
	M/S Plume	39	10.0	1.6	0.0	3.8	7.0	14.4	26.0
	Jackson/Calhoun	228	10.2	0.6	0.0	2.0	8.0	17.0	26.0

Note: Table shows the total number of years among participants who had ever lived on a property where they, themselves, had a vegetable garden and were alive during the years of interest.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

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Procedure: PROC 3

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QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C4	Overall	1324	64.4	35.6	2.5
Lived on	M/S FP	326	67.2	32.8	3.1
Property	M/S Near FP	264	65.1	34.9	3.7
with a	M/S Out FP	304	63.0	37.0	3.9
Flower	M/S Plume	71	70.4	29.6 ^a	7.7
Garden	Jackson/Calhoun	359	65.2	34.8	3.6

Note: C4 asked participants whether they ever lived on a property where they, themselves, had a flower or other type of garden.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

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QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED WHERE PARTICIPANT HAD OTHER TYPE OF GARDEN: TOTAL									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C4 Lived on Property with a Flower Garden	Overall	883	28.8	0.9	2.0	11.0	26.0	45.0	66.6
	M/S FP	222	30.6	1.5	3.0	16.0	27.0	45.0	64.0
	M/S Near FP	182	29.6	1.4	7.0	15.0	29.0	43.0	59.0
	M/S Out FP	195	29.0	1.4	3.0	10.0	25.0	44.0	68.0
	M/S Plume	48	30.2	3.3	6.0	11.0	27.0	41.6	71.6
	Jackson/Calhoun	236	28.4	1.4	2.0	10.0	25.0	46.0	63.0
# YEARS LIVED WHERE PARTICIPANT HAD OTHER TYPE OF GARDEN: 1910-1939									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C4 Lived on Property with a Flower Garden	Overall	220	2.5	0.6	0.0	0.0	0.0	2.0	17.0
	M/S FP	60	1.9 ^a	0.8	0.0	0.0	0.0	0.0	13.0
	M/S Near FP	43	1.2 ^a	0.5	0.0	0.0	0.0	0.0	10.0
	M/S Out FP	47	3.0 ^a	1.0	0.0	0.0	0.0	3.0	17.0
	M/S Plume	21	3.2 ^a	1.5	0.0	0.0	0.0	2.0	18.2
	Jackson/Calhoun	49	1.9 ^a	0.6	0.0	0.0	0.0	0.0	14.0
# YEARS LIVED WHERE PARTICIPANT HAD OTHER TYPE OF GARDEN: 1940-1959									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C4 Lived on Property with a Flower Garden	Overall	667	4.2	0.3	0.0	0.0	0.0	6.2	20.0
	M/S FP	185	3.6	0.5	0.0	0.0	0.0	5.0	20.0
	M/S Near FP	143	2.9	0.5	0.0	0.0	0.0	5.0	16.0
	M/S Out FP	135	4.5	0.5	0.0	0.0	0.0	7.0	20.0
	M/S Plume	39	4.4 ^a	1.5	0.0	0.0	0.0	6.0	20.0
	Jackson/Calhoun	165	3.9	0.5	0.0	0.0	0.0	6.0	20.0

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED WHERE PARTICIPANT HAD OTHER TYPE OF GARDEN: 1960-1979									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C4	Overall	864	8.1	0.5	0.0	0.0	4.0	19.0	20.0
Lived on	M/S FP	219	8.6	0.7	0.0	0.0	5.0	20.0	20.0
Property	M/S Near FP	176	8.3	0.7	0.0	0.0	5.0	18.0	20.0
with a	M/S Out FP	188	8.4	0.6	0.0	0.0	5.0	18.0	20.0
Flower	M/S Plume	48	6.5	1.4	0.0	0.0	1.0	16.0	20.0
Garden	Jackson/Calhoun	233	7.9	0.7	0.0	0.0	3.0	20.0	20.0
# YEARS LIVED WHERE PARTICIPANT HAD OTHER TYPE OF GARDEN: 1980-2005									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C4	Overall	883	17.7	0.4	1.0	9.0	23.0	26.0	26.0
Lived on	M/S FP	222	19.0	0.6	1.0	13.0	24.0	26.0	26.0
Property	M/S Near FP	182	19.2	0.6	5.0	14.0	24.0	26.0	26.0
with a	M/S Out FP	195	17.4	0.8	1.0	8.0	23.0	26.0	26.0
Flower	M/S Plume	48	19.2	1.7	0.0	11.0	25.0	26.0	26.0
Garden	Jackson/Calhoun	236	17.8	0.5	1.0	9.0	21.0	26.0	26.0

Note: Table shows the total number of years among participants who had ever lived on a property where they, themselves, had a flower or other type of garden and were alive during the years of interest.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

SAS program: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ Multi_Table_May2008.sas

DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat

Procedure: PROC 3

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C5 Have a Vegetable Garden	Overall	1324	27.2	72.8	1.8
	M/S FP	326	29.5	70.5	3.1
	M/S Near FP	264	27.3	72.7	3.3
	M/S Out FP	304	33.4	66.6	2.2
	M/S Plume	71	27.0 ^a	73.0	8.2
	Jackson/Calhoun	359	21.8	78.2	3.1

Note: C5 asked participants whether they or anyone else in their household have a vegetable garden on their current property.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

SAS program: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ Multi_Table_May2008.sas

DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat

Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C6 Have a Flower Garden	Overall	1324	63.6	36.4	2.0
	M/S FP	326	67.0	33.0	3.0
	M/S Near FP	264	61.6	38.4	3.6
	M/S Out FP	304	63.7	36.3	3.5
	M/S Plume	71	75.9	24.1 ^a	7.0
	Jackson/Calhoun	359	62.7	37.3	2.6

Note: C6 asked participants whether they or anyone else have a flower or other type of garden on their current property.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

SAS program: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ Multi_Table_May2008.sas

DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat

Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C6a	Overall	1324	47.1	52.9	2.5
	M/S FP	326	40.3	59.7	3.8
	Work in M/S Near FP	264	39.9	60.1	3.8
	Flower/ M/S Out FP	304	44.0	56.0	3.6
	Vegetable M/S Plume	71	61.1	38.9	7.9
	Garden Jackson/Calhoun	359	49.2	50.8	3.7

Note: C6a asked participants whether they personally work in the flower or other garden.

SAS program: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ Multi_Table_May2008.sas

DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat

Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C6b Added/ Removed Soil	Overall	1324	31.3	68.7	2.0
	M/S FP	326	22.7	77.3	3.5
	M/S Near FP	264	28.7	71.3	4.4
	M/S Out FP	304	28.8	71.2	2.5
	M/S Plume	71	28.5 ^a	71.5	8.1
	Jackson/Calhoun	359	33.9	66.1	3.2

Note: C6b asked participants whether soil has been added to or removed from their property since March 2004.

SAS program: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ Multi_Table_May2008.sas

DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat

Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C7 Used Weed Killers	Overall	1324	57.5	42.5	2.1
	M/S FP	326	53.1	46.9	3.3
	M/S Near FP	264	65.1	34.9	3.7
	M/S Out FP	304	58.6	41.4	2.4
	M/S Plume	71	56.3	43.7	8.3
	Jackson/Calhoun	359	56.6	43.4	3.6

Note: C7 asked participants whether they, themselves, ever used weed killers on their property.

SAS program: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ Multi_Table_May2008.sas

DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat

Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS USED WEED KILLERS: TOTAL									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C7 Used Weed Killers	Overall	784	11.7	0.6	1.0	2.0	6.8	16.2	40.0
	M/S FP	180	18.5	1.4	1.0	4.8	14.2	27.0	57.0
	M/S Near FP	179	17.1	1.1	1.0	6.8	13.0	23.4	45.0
	M/S Out FP	177	12.3	1.0	1.0	3.0	8.0	16.8	44.4
	M/S Plume	36	18.2	2.5	2.0	9.0	16.0	27.0	41.0
	Jackson/Calhoun	212	10.5	0.9	1.0	2.0	6.0	14.0	36.2
# YEARS USED WEED KILLERS: 1910-1939									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C7 Used Weed Killers	Overall	187	0.2 ^a	0.1	0.0	0.0	0.0	0.0	0.0
	M/S FP	46	1.0 ^a	0.6	0.0	0.0	0.0	0.0	9.0
	M/S Near FP	39	0.4 ^a	0.3	0.0	0.0	0.0	0.0	0.0
	M/S Out FP	38	0.2 ^a	0.2	0.0	0.0	0.0	0.0	0.0
	M/S Plume	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jackson/Calhoun	49	0.2 ^a	0.1	0.0	0.0	0.0	0.0	0.0
# YEARS USED WEED KILLERS: 1940-1959									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C7 Used Weed Killers	Overall	569	0.6 ^a	0.2	0.0	0.0	0.0	0.0	2.0
	M/S FP	144	1.2 ^a	0.4	0.0	0.0	0.0	0.0	14.0
	M/S Near FP	140	0.6 ^a	0.2	0.0	0.0	0.0	0.0	5.0
	M/S Out FP	119	0.6 ^a	0.3	0.0	0.0	0.0	0.0	5.0
	M/S Plume	29	0.9 ^a	0.6	0.0	0.0	0.0	0.0	8.0
	Jackson/Calhoun	137	0.5 ^a	0.2	0.0	0.0	0.0	0.0	0.2

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS USED WEED KILLERS: 1960-1979									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C7 Used Weed Killers	Overall	758	1.6	0.3	0.0	0.0	0.0	0.0	15.2
	M/S FP	175	3.7	0.6	0.0	0.0	0.0	5.0	20.0
	M/S Near FP	175	2.9	0.5	0.0	0.0	0.0	2.0	20.0
	M/S Out FP	171	1.7	0.4	0.0	0.0	0.0	0.0	20.0
	M/S Plume	36	2.7 ^a	1.0	0.0	0.0	0.0	1.0	20.0
	Jackson/Calhoun	201	1.4 ^a	0.4	0.0	0.0	0.0	0.0	13.0
# YEARS USED WEED KILLERS: 1980-2005									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C7 Used Weed Killers	Overall	784	9.8	0.4	1.0	2.0	6.6	16.0	26.0
	M/S FP	180	13.8	0.8	1.0	4.8	13.0	25.0	26.0
	M/S Near FP	179	13.8	0.7	1.0	6.0	13.0	21.6	26.0
	M/S Out FP	177	10.2	0.6	1.0	3.0	7.8	16.8	26.0
	M/S Plume	36	14.8	2.0	2.0	7.0	16.0	25.0	26.0
	Jackson/Calhoun	212	8.9	0.5	1.0	2.0	6.0	13.8	26.0

Note: Table shows the total number of years among participants who had ever used weed killers on their property and were alive during the years of interest.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

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DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat

Procedure: PROC 3

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C8 Lived on a Farm	Overall	1324	37.9	62.1	2.1
	M/S FP	326	31.9	68.1	3.1
	M/S Near FP	264	29.5	70.5	3.4
	M/S Out FP	304	39.5	60.5	3.5
	M/S Plume	71	35.4	64.6	8.3
	Jackson/Calhoun	359	36.9	63.1	2.8

Note: C8 asked participants whether they ever lived on a farm or on a property where any type of crops, livestock or poultry was raised.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

SAS program: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ Multi_Table_May2008.sas

DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat

Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED ON A FARM: TOTAL									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C8 Lived on a Farm	Overall	483	18.6	1.0	2.0	7.0	16.0	22.0	61.0
	M/S FP	109	14.1	1.3	2.0	5.8	11.0	19.0	33.0
	M/S Near FP	81	15.7	1.5	2.0	7.0	15.0	20.0	49.0
	M/S Out FP	123	22.8	1.8	2.0	9.0	19.0	25.0	76.0
	M/S Plume	27	12.7	1.9	2.0	8.0	10.0	19.0	26.0
	Jackson/Calhoun	143	15.1	1.0	2.0	6.0	14.0	20.0	36.0
# YEARS LIVED ON A FARM: 1910-1939									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C8 Lived on a Farm	Overall	151	6.2	0.8	0.0	0.0	4.0	12.0	18.0
	M/S FP	44	4.5	1.1	0.0	0.0	0.0	4.0	20.0
	M/S Near FP	22	4.7	1.0	0.0	1.0	5.0	7.0	13.0
	M/S Out FP	37	7.0	1.1	0.0	0.0	5.0	14.0	18.0
	M/S Plume	15	6.1 ^a	1.7	0.0	0.0	2.0	12.0	14.0
	Jackson/Calhoun	33	5.2	1.3	0.0	0.0	4.0	10.0	18.0
# YEARS LIVED ON A FARM: 1940-1959									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C8 Lived on a Farm	Overall	394	6.3	0.5	0.0	0.0	4.0	11.0	20.0
	M/S FP	96	5.3	0.7	0.0	0.0	3.0	9.0	17.4
	M/S Near FP	72	7.0	0.9	0.0	1.0	6.0	12.0	19.0
	M/S Out FP	99	7.1	0.8	0.0	0.0	4.0	14.0	20.0
	M/S Plume	22	5.3 ^a	2.1	0.0	0.0	4.0	7.0	18.0
	Jackson/Calhoun	105	5.4	0.6	0.0	0.0	3.0	9.0	19.0

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED ON A FARM: 1960-1979									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C8 Lived on a Farm	Overall	476	6.6	0.5	0.0	0.0	5.0	11.0	20.0
	M/S FP	108	4.5	0.7	0.0	0.0	0.0	8.0	20.0
	M/S Near FP	81	6.4	0.9	0.0	0.0	3.0	12.0	20.0
	M/S Out FP	123	8.2	0.8	0.0	0.0	8.0	14.0	20.0
	M/S Plume	27	4.9 ^a	1.7	0.0	0.0	3.0	9.0	16.0
	Jackson/Calhoun	137	5.1	0.7	0.0	0.0	2.0	10.0	19.0
# YEARS LIVED ON A FARM: 1980-2005									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C8 Lived on a Farm	Overall	483	6.0	0.6	0.0	0.0	0.0	11.0	26.0
	M/S FP	109	3.7	0.9	0.0	0.0	0.0	4.0	25.0
	M/S Near FP	81	2.0 ^a	0.5	0.0	0.0	0.0	1.0	10.0
	M/S Out FP	123	6.9	1.0	0.0	0.0	0.0	15.0	26.0
	M/S Plume	27	1.8 ^a	0.9	0.0	0.0	0.0	3.0	11.0
	Jackson/Calhoun	143	5.6	0.7	0.0	0.0	0.0	11.0	26.0

Note: Table shows the total numbers of years among participants who had ever lived on a farm or on a property where any type of crops, livestock or poultry was raised and were alive during the years of interest.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

SAS program: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ Multi_Table_May2008.sas

DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat

Procedure: PROC 3

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.	
C9	Overall	1324	57.9	42.1	2.3	
	M/S FP	326	48.0	52.0	3.3	
	Lived near	M/S Near FP	264	47.0	53.0	3.7
		M/S Out FP	304	60.4	39.6	3.0
	Burning	M/S Plume	71	40.2	59.8	7.9
	Trash	Jackson/Calhoun	359	57.2	42.8	3.7

Note: C9 asked participants whether they ever lived on a property where trash or yard waste was burned.

SAS program: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ Multi_Table_May2008.sas

DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat

Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED ON A PROPERTY WHERE TRASH WAS BURNED: TOTAL										
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile	
C9	Overall	714	22.9	1.0	2.0	10.0	19.0	32.0	56.0	
	Lived	M/S FP	166	17.6	1.1	2.0	8.0	15.2	22.8	44.8
	Near	M/S Near FP	123	19.1	1.2	3.0	12.0	18.0	23.2	53.0
	Burning	M/S Out FP	173	25.0	1.9	4.6	11.0	19.6	33.2	62.0
	Trash	M/S Plume	35	21.8	2.8	5.0	14.4	21.0	25.0	57.0
		Jackson/Calhoun	217	21.0	1.2	2.0	8.0	19.0	31.0	51.0
# YEARS LIVED ON A PROPERTY WHERE TRASH WAS BURNED: 1910-1939										
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile	
C9	Overall	170	2.8	0.6	0.0	0.0	0.0	3.4	14.0	
	Lived	M/S FP	46	2.1 ^a	0.8	0.0	0.0	0.0	0.4	14.0
	Near	M/S Near FP	29	2.2 ^a	0.8	0.0	0.0	0.0	5.0	8.4
	Burning	M/S Out FP	33	3.4 ^a	1.2	0.0	0.0	0.0	3.6	15.0
	Trash	M/S Plume	21	3.0 ^a	1.2	0.0	0.0	1.0	2.0	15.0
		Jackson/Calhoun	41	2.2 ^a	0.6	0.0	0.0	0.0	2.0	12.0
# YEARS LIVED ON A PROPERTY WHERE TRASH WAS BURNED: 1940-1959										
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile	
C9	Overall	528	5.6	0.4	0.0	0.0	4.0	10.0	20.0	
	Lived	M/S FP	134	4.9	0.6	0.0	0.0	0.2	10.0	18.0
	near	M/S Near FP	99	6.9	0.7	0.0	0.0	6.0	12.0	17.0
	Burning	M/S Out FP	122	6.4	0.7	0.0	0.0	4.0	11.0	20.0
	Trash	M/S Plume	29	10.8	1.8	0.0	4.0	11.0	18.2	20.0
		Jackson/Calhoun	144	4.6	0.4	0.0	0.0	1.0	8.0	18.0

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED ON A PROPERTY WHERE TRASH WAS BURNED: 1960-1979									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C9	Overall	691	8.8	0.5	0.0	0.0	8.0	16.0	20.0
	Lived								
	M/S FP	162	7.2	0.6	0.0	0.0	6.0	11.2	20.0
	Near								
	M/S Near FP	120	8.7	0.6	0.0	4.0	9.8	12.2	20.0
	Burning								
M/S Out FP	166	8.9	0.8	0.0	0.6	8.0	16.4	20.0	
Trash									
M/S Plume	35	8.2	1.4	0.0	1.6	9.0	12.2	20.0	
Jackson/Calhoun	208	8.8	0.6	0.0	0.0	8.0	15.0	20.0	
# YEARS LIVED ON A PROPERTY WHERE TRASH WAS BURNED: 1980-2005									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C9	Overall	714	10.5	0.6	0.0	0.0	7.8	21.0	26.0
	Lived								
	M/S FP	166	6.4	0.7	0.0	0.0	2.0	11.0	25.0
	near								
	M/S Near FP	123	4.6	0.8	0.0	0.0	0.0	7.0	25.2
	Burning								
M/S Out FP	173	11.7	1.0	0.0	0.0	9.2	24.0	26.0	
Trash									
M/S Plume	35	4.9 ^a	1.5	0.0	0.0	0.4	11.0	16.0	
Jackson/Calhoun	217	9.7	0.8	0.0	1.0	7.0	17.0	26.0	

Note. Table shows the total number of years among participants who had ever lived on a property where trash or yard waste was burned and were alive during the years of interest.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, $CV(\text{estimate}) > 0.25$

SAS program: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ Multi_Table_May2008.sas

DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat

Procedure: PROC 3

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C10 Used Fireplace or Stove	Overall	1324	59.0	41.0	2.0
	M/S FP	326	55.5	44.5	3.2
	M/S Near FP	264	57.1	42.9	3.6
	M/S Out FP	304	64.6	35.4	3.4
	M/S Plume	71	59.9	40.1	8.4
	Jackson/Calhoun	359	54.1	45.9	2.4

Note: C10 asked participants whether they ever lived on a property where a wood burning fireplace or wood burning stove was used regularly.

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Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED WHERE A FIREPLACE OR STOVE WAS USED: TOTAL									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C10 Used Fireplace or Stove	Overall	751	18.5	0.8	2.0	8.0	15.0	25.0	49.0
	M/S FP	175	17.7	1.2	2.0	6.0	14.0	27.0	41.0
	M/S Near FP	147	20.1	1.1	5.0	11.0	18.0	26.0	45.0
	M/S Out FP	188	19.8	1.3	2.0	7.6	16.0	25.4	57.0
	M/S Plume	42	16.0	2.0	2.0	7.0	14.0	21.0	36.0
	Jackson/Calhoun	199	17.2	0.9	2.0	8.0	14.0	23.0	44.0
# YEARS LIVED WHERE A FIREPLACE OR STOVE WAS USED: 1910-1939									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C10 Used Fireplace or Stove	Overall	192	3.3	0.5	0.0	0.0	0.0	6.0	17
	M/S FP	48	3.9 ^a	1.0	0.0	0.0	0.0	6.0	18
	M/S Near FP	36	1.3 ^a	0.7	0.0	0.0	0.0	0.0	8
	M/S Out FP	44	4.6	0.9	0.0	0.0	0.0	10.0	17
	M/S Plume	20	2.6 ^a	1.0	0.0	0.0	0.0	6.0	14
	Jackson/Calhoun	44	1.8 ^a	0.5	0.0	0.0	0.0	2.0	9
# YEARS LIVED WHERE A FIREPLACE OR STOVE WAS USED: 1940-1959									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C10 Used Fireplace or Stove	Overall	546	3.4	0.4	0.0	0.0	0.0	5.0	18.0
	M/S FP	142	1.2	0.3	0.0	0.0	0.0	0.0	8.2
	M/S Near FP	112	2.6	0.5	0.0	0.0	0.0	2.0	13.0
	M/S Out FP	128	4.1	0.6	0.0	0.0	0.0	8.0	20.0
	M/S Plume	32	1.3 ^a	0.6	0.0	0.0	0.0	0.0	11.0
	Jackson/Calhoun	132	2.9	0.5	0.0	0.0	0.0	3.0	14.0

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED WHERE A FIREPLACE OR STOVE WAS USED: 1960-1979									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C10 Used Fireplace or Stove	Overall	717	5.1	0.3	0.0	0.0	2.0	10.0	20.0
	M/S FP	168	4.5	0.6	0.0	0.0	1.0	8.0	20.0
	M/S Near FP	140	5.5	0.6	0.0	0.0	3.2	10.0	18.0
	M/S Out FP	181	5.2	0.5	0.0	0.0	2.0	10.0	20.0
	M/S Plume	39	5.5 ^a	1.6	0.0	0.0	1.0	10.0	20.0
	Jackson/Calhoun	189	5.0	0.4	0.0	0.0	1.0	9.0	20.0
# YEARS LIVED WHERE A FIREPLACE OR STOVE WAS USED: 1980-2005									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C10 Used Fireplace or Stove	Overall	751	10.8	0.6	0.0	2.0	9.0	18.0	26.0
	M/S FP	175	11.8	0.9	0.0	3.0	10.0	21.0	26.0
	M/S Near FP	147	12.8	0.8	0.0	6.2	13.0	20.0	26.0
	M/S Out FP	188	11.1	1.0	0.0	1.0	9.2	19.0	26.0
	M/S Plume	42	9.3	1.3	0.0	2.0	10.0	13.0	26.0
	Jackson/Calhoun	199	10.6	0.6	0.0	2.0	9.0	17.0	26.0

Note: Table shows the total number of years among participants who had ever lived on a property where a wood burning fireplace or wood burning stove was used regularly and were alive during the years of interest.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

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DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat

Procedure: PROC 3

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C11 Property Damaged by Fire	Overall	1324	13.3	86.7	1.5
	M/S FP	326	10.2	89.8	1.6
	M/S Near FP	264	10.1	89.9	2.4
	M/S Out FP	304	12.5	87.5	2.3
	M/S Plume	71	12.5 ^a	87.5	5.0
	Jackson/Calhoun	359	14.2	85.8	2.1

Note: C11 asked participants whether a property that they lived in was ever damaged by a fire while they lived there.

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Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED ON A PROPERTY DAMAGED BY A FIRE: TOTAL									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C11 Property Damaged by Fire	Overall	179	1.9	0.4	1.0	1.0	1.0	1.0	5.0
	M/S FP	45	1.4	0.2	1.0	1.0	1.0	1.0	3.0
	M/S Near FP	27	1.2	0.2	1.0	1.0	1.0	1.0	1.0
	M/S Out FP	40	1.9 ^a	0.7	1.0	1.0	1.0	1.0	3.0
	M/S Plume	8	2.2 ^a	1.0	---	---	1.0	---	---
	Jackson/Calhoun	59	1.9	0.5	1.0	1.0	1.0	2.0	10.0
# YEARS LIVED ON A PROPERTY DAMAGED BY A FIRE: 1910-1939									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C11 Property Damaged by Fire	Overall	46	0.1 ^a	0.1	0.0	0.0	0.0	0.0	1.0
	M/S FP	14	0.1 ^a	0.1	0.0	0.0	0.0	0.0	1.0
	M/S Near FP	---	---	---	---	---	---	---	---
	M/S Out FP	10	0.1 ^a	0.1	0.0	0.0	0.0	0.0	1.0
	M/S Plume	---	---	---	---	---	---	---	---
	Jackson/Calhoun	15	0.1 ^a	0.1	0.0	0.0	0.0	0.0	1.0
# YEARS LIVED ON A PROPERTY DAMAGED BY A FIRE: 1940-1959									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C11 Property Damaged by Fire	Overall	127	0.3 ^a	0.1	0.0	0.0	0.0	0.0	1.0
	M/S FP	35	0.2 ^a	0.1	0.0	0.0	0.0	0.0	1.0
	M/S Near FP	20	0.3 ^a	0.2	0.0	0.0	0.2	1.0	1.0
	M/S Out FP	28	0.3 ^a	0.1	0.0	0.0	0.0	0.2	1.4
	M/S Plume	---	---	---	---	---	---	---	---
	Jackson/Calhoun	38	0.2 ^a	0.0	0.0	0.0	0.0	0.0	1.0

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS LIVED ON A PROPERTY DAMAGED BY A FIRE: 1960-1979									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C11 Property Damaged by Fire	Overall	171	0.9 ^a	0.3	0.0	0.0	0.0	1.0	2.0
	M/S FP	42	0.7	0.1	0.0	0.0	1.0	1.0	2.0
	M/S Near FP	27	0.3 ^a	0.1	0.0	0.0	0.0	1.0	1.0
	M/S Out FP	38	1.1 ^a	0.5	0.0	0.0	1.0	1.0	2.0
	M/S Plume	8	0.4 ^a	0.2	---	---	0.0	---	---
	Jackson/Calhoun	56	0.8 ^a	0.4	0.0	0.0	0.0	1.0	3.0
# YEARS LIVED ON A PROPERTY DAMAGED BY A FIRE: 1980-2005									
	Region	N	Mean	S.E.	5%ile	25 %ile	Median	75 %ile	95th %ile
C11 Property Damaged by Fire	Overall	179	0.8	0.2	0.0	0.0	1.0	1.0	2.0
	M/S FP	45	0.7 ^a	0.2	0.0	0.0	0.0	1.0	2.0
	M/S Near FP	27	0.6 ^a	0.2	0.0	0.0	0.0	1.0	1.0
	M/S Out FP	40	0.6 ^a	0.3	0.0	0.0	0.0	1.0	2.0
	M/S Plume	8	0.2 ^a	0.1	---	---	0.0	---	---
	Jackson/Calhoun	59	1.1 ^a	0.3	0.0	0.0	1.0	1.0	2.0

Note: Table shows the total number of years among participants whose properties that they lived in were ever damaged by a fire while they lived there and who were alive during the years of interest.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

--- Estimate not shown to maintain confidentiality of study participants.

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Procedure: PROC 3

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: Participants who have lived in Midland County or Saginaw County or in Williams Township in Bay County (n=970)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C13 Property Flooded by TR	Overall	970	6.5	93.5	1.3
	M/S FP	326	81.9	18.1	2.6
	M/S Near FP	264	1.2 ^a	98.8	0.8
	M/S Out FP	304	4.7 ^a	95.3	1.4
	M/S Plume	71	11.4 ^a	88.6	6.5
	Jackson/Calhoun	5	0.0	100.0	0.0

Note: C13 asked participants whether any portion of their property has ever been flooded by the Tittabawassee River.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

--- Estimate not shown to maintain confidentiality of study participants.

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Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: Participants who have lived in Midland County or Saginaw County or in Williams Township in Bay County (n=970)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C14	Overall	970	3.3 ^a	96.7	0.8
Flood	M/S FP	326	37.4	62.6	3.3
From TR	M/S Near FP	264	2.6 ^a	97.4	1.0
Entered	M/S Out FP	304	1.9 ^a	98.1	0.8
into Living	M/S Plume	71	12.9 ^a	87.1	6.5
Area	Jackson/Calhoun	5	0.0	100.0	0.0

Note: C14 asked participants whether flood waters from Tittabawassee River ever entered into any of the living areas of their home.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

--- Estimate not shown to maintain confidentiality of study participants.

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Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C15 Dioxin Remedia- tion	Overall	1324	0.1 ^a	99.9	0.1
	M/S FP	326	0.7 ^a	99.3	0.5
	M/S Near FP	264	0.0	100.0	0.0
	M/S Out FP	304	0.2 ^a	99.8	0.2
	M/S Plume	71	0.0	100.0	0.0
	Jackson/Calhoun	359	0.0	100.0	0.0

Note: C15 asked participants whether their residence or property has had any type of remediation or cleaning for dioxin contamination.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

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Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River

Data analyses include imputed values

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

	Region	N	% Yes	% No	S.E.
C15a Cleaning Physical Structure	Overall	1324	< 0.1 ^a	100.0	< 0.1
	M/S FP	326	0.1 ^a	99.9	0.1
	M/S Near FP	264	0.0	100.0	0.0
	M/S Out FP	304	0.0	100.0	0.0
	M/S Plume	71	0.0	100.0	0.0
	Jackson/Calhoun	359	0.0	100.0	0.0

Note: 15a asked participants whether their residence, that is, the actual physical structure that they live in, was remediated or cleaned.

	Region	N	% Yes	% No	S.E.
C15b Cleaning Part of Property	Overall	1324	0.1 ^a	99.9	0.1
	M/S FP	326	0.0	100.0	0.0
	M/S Near FP	264	0.0	100.0	0.0
	M/S Out FP	304	0.2 ^a	99.8	0.2
	M/S Plume	71	0.0	100.0	0.0
	Jackson/Calhoun	359	0.0	100.0	0.0

Note: 15b asked participants whether any part of their property was remediated.

^a Estimate should be interpreted with caution. The standard error for this estimate is large relative to the size of the estimate, that is, CV(estimate) > 0.25

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Procedure: PROC 1

Last Update: XZ 05/15/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River

Data analyses include imputed values