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.
F1 Ate Meat or Poultry	Overall	1324	100.0	0.0	0.0
	M/S FP	326	99.4	0.6 [a]	0.4
	M/S Near FP	264	100.0	0.0	0.0
	M/S Out FP	304	100.0	0.0	0.0
	M/S Plume	71	100.0	0.0	0.0
	Jackson/Calhoun	359	99.9	0.1 [a]	0.1

Note: F1 asked participants whether they have ever eaten meat or poultry, not including game meat or fish.
[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 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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 ATE MEAT OR POULTRY: TOTAL									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F1 Ate Meat or Poultry	Overall	1320	50.9	0.8	21.0	40.0	50.0	61.0	80.0
	M/S FP	323	54.1	1.1	22.0	46.0	54.0	64.0	80.0
	M/S Near FP	264	52.6	1.0	23.0	45.0	53.0	62.0	78.0
	M/S Out FP	304	51.3	1.5	22.0	41.0	50.0	63.0	81.0
	M/S Plume	71	55.2	2.0	34.0	47.0	53.0	68.0	84.0
	Jackson/Calhoun	358	50.2	1.0	21.0	38.0	50.0	60.0	80.0
# YEARS ATE MEAT OR POULTRY: 1910-1939									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F1 Ate Meat or Poultry	Overall	322	9.9	0.6	1.0	4.0	9.0	14.0	20.0
	M/S FP	91	10.6	0.7	1.0	6.0	10.0	14.0	22.0
	M/S Near FP	55	8.3	0.8	1.0	3.0	6.0	13.0	21.0
	M/S Out FP	67	10.2	1.1	1.0	5.0	11.0	15.0	19.0
	M/S Plume	30	9.2	1.9	1.0	3.0	6.0	12.0	30.0
	Jackson/Calhoun	79	9.7	0.5	2.0	5.0	9.0	14.0	20.0
# YEARS ATE MEAT OR POULTRY: 1940-1959									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F1 Ate Meat or Poultry	Overall	931	12.2	0.4	2.0	6.0	12.0	20.0	20.0
	M/S FP	251	13.0	0.5	2.0	7.0	14.0	20.0	20.0
	M/S Near FP	194	11.7	0.6	2.0	6.0	11.0	20.0	20.0
	M/S Out FP	198	12.5	0.6	2.0	5.0	13.0	20.0	20.0
	M/S Plume	57	11.9	1.4	2.0	6.0	9.0	20.0	20.0
	Jackson/Calhoun	231	11.9	0.5	1.0	6.0	12.0	20.0	20.0

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

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 ATE MEAT OR POULTRY: 1960-1979									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F1 Ate Meat or Poultry	Overall	1240	17.8	0.2	7.0	18.0	20.0	20.0	20.0
	M/S FP	305	18.9	0.2	11.0	20.0	20.0	20.0	20.0
	M/S Near FP	250	18.9	0.2	11.0	20.0	20.0	20.0	20.0
	M/S Out FP	280	17.9	0.4	6.0	18.0	20.0	20.0	20.0
	M/S Plume	68	18.5	0.6	9.0	20.0	20.0	20.0	20.0
	Jackson/Calhoun	337	17.6	0.3	8.0	17.0	20.0	20.0	20.0
# YEARS ATE MEAT OR POULTRY: 1980-2005									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F1 Ate Meat or Poultry	Overall	1320	25.4	0.1	21.0	26.0	26.0	26.0	26.0
	M/S FP	323	25.2	0.1	22.0	25.0	25.0	26.0	26.0
	M/S Near FP	264	25.3	0.1	23.0	25.0	26.0	26.0	26.0
	M/S Out FP	304	25.3	0.1	21.0	25.0	26.0	26.0	26.0
	M/S Plume	71	25.7	0.1	25.0	26.0	26.0	26.0	26.0
	Jackson/Calhoun	358	25.5	0.1	21.0	26.0	26.0	26.0	26.0

Note: Table shows the total number of years among participants who had ever eaten meat or poultry, not including game meat or fish and were alive during the years of interest.

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DATA directory: N:\Secure\UMDES\Data_Statistics\Questionnaire tables 2008\ dioxin_mult.sas7bdat
Procedure: PROC 6
Last Update: XZ 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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.
	Overall	1324	83.4	16.6	1.4
F2	M/S FP	326	84.7	15.3	2.2
Ate	M/S Near FP	264	83.6	16.4	2.9
Game	M/S Out FP	304	84.3	15.7	2.1
Meat	M/S Plume	71	88.2 [a]	11.8	7.4
	Jackson/Calhoun	359	82.2	17.8	1.9

Note: F2 asked participants whether they had ever eaten game meat.
[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 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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 ATE GAME MEAT: TOTAL									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F2 Ate Game Meat	Overall	1090	27.2	1.0	1.0	8.0	22.0	44.8	67.2
	M/S FP	271	25.7	1.5	1.0	6.0	20.0	44.2	64.0
	M/S Near FP	219	26.0	1.5	1.0	7.4	24.0	41.4	63.0
	M/S Out FP	249	29.6	1.5	1.0	8.8	27.0	47.0	69.6
	M/S Plume	64	30.0	3.6	1.0	11.0	30.2	48.0	68.0
	Jackson/Calhoun	287	24.9	1.4	1.0	5.8	18.6	42.0	63.0
# YEARS ATE GAME MEAT: 1910-1939									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F2 Ate Game Meat	Overall	93	6.7	0.9	1.0	3.0	6.0	9.0	16.8
	M/S FP	28	9.6	1.4	1.0	4.0	6.6	15.0	21.0
	M/S Near FP	14	4.2	1.0	1.0	2.0	4.0	5.0	14.0
	M/S Out FP	24	6.4	1.4	1.0	2.0	5.0	9.0	16.8
	M/S Plume	8	6.3 [a]	2.9	---	---	3.4	---	---
	Jackson/Calhoun	19	7.3	0.9	2.0	4.6	7.6	10.0	13.0
# YEARS ATE GAME MEAT: 1940-1959									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F2 Ate Game Meat	Overall	406	10.1	0.5	1.0	4.0	8.8	17.0	20.0
	M/S FP	121	10.0	0.6	1.0	5.0	8.0	16.4	20.0
	M/S Near FP	75	9.2	0.8	1.0	4.0	8.0	14.0	20.0
	M/S Out FP	96	10.5	0.9	1.0	3.0	10.0	19.0	20.0
	M/S Plume	29	7.4	1.5	1.0	2.0	6.0	9.2	20.0
	Jackson/Calhoun	85	10.0	0.7	1.0	5.2	8.2	14.6	20.0

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

Data analyses include imputed values

University of Michigan Dioxin Exposure Study 05/20/08

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS ATE GAME MEAT: 1960-1979									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F2 Ate Game Meat	Overall	688	13.4	0.4	1.0	7.0	16.0	20.0	20.0
	M/S FP	170	12.7	0.7	1.0	5.2	14.8	20.0	20.0
	M/S Near FP	141	12.4	0.7	1.4	6.0	13.2	20.0	20.0
	M/S Out FP	160	14.3	0.8	1.8	8.4	18.0	20.0	20.0
	M/S Plume	44	13.0	1.6	3.0	5.0	16.6	20.0	20.0
	Jackson/Calhoun	173	12.6	0.5	1.0	6.0	13.8	20.0	20.0
# YEARS ATE GAME MEAT: 1980-2005									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F2 Ate Game Meat	Overall	925	16.9	0.5	1.0	6.0	21.0	26.0	26.0
	M/S FP	222	16.6	0.8	1.0	6.0	21.0	26.0	26.0
	M/S Near FP	187	17.4	0.9	1.0	7.4	24.4	25.0	26.0
	M/S Out FP	219	17.3	0.7	1.0	8.0	21.6	26.0	26.0
	M/S Plume	52	18.8	1.8	1.0	9.0	26.0	26.0	26.0
	Jackson/Calhoun	245	16.5	0.8	1.0	5.0	21.0	26.0	26.0

Note: Table shows the total number of years among participants who had ever eaten game meat 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 6
Last Update: XZ 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
Data analyses include imputed values

University of Michigan Dioxin Exposure Study 05/20/08

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.
	Overall	1324	13.2	86.8	1.4
F3	M/S FP	326	7.5	92.5	1.5
Ate	M/S Near FP	264	14.9	85.1	2.8
Liver of	M/S Out FP	304	13.3	86.7	2.3
Game	M/S Plume	71	20.6 [a]	79.4	7.7
Meat	Jackson/Calhoun	359	12.8	87.2	1.8

Note: F3 asked participants whether they had ever eaten the liver of the game meat.

[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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M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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 ATE THE LIVER OF THE GAME MEAT: TOTAL									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	165	24.3	2.3	1.0	4.4	18.6	37.0	67.0
F3	M/S FP	30	26.9	4.1	3.0	9.0	18.4	47.0	57.0
Ate	M/S Near FP	36	16.3	3.1	1.0	2.0	9.8	23.4	61.0
Liver of	M/S Out FP	42	29.1	3.6	1.0	9.2	23.4	48.0	67.0
Game	M/S Plume	12	28.0 [a]	8.8	1.0	3.0	28.0	43.0	63.0
Meat	Jackson/Calhoun	45	19.5	2.7	1.0	4.0	11.0	28.6	71.0
# YEARS ATE THE LIVER OF THE GAME MEAT: 1910-1939									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	21	6.3 [a]	1.7	1.0	3.0	5.0	12.0	15.0
F3	M/S FP	---	---	---	---	---	---	---	---
Ate	M/S Near FP	---	---	---	---	---	---	---	---
Liver of	M/S Out FP	7	5.8 [a]	2.5	---	---	3.0	---	---
Game	M/S Plume	---	---	---	---	---	---	---	---
Meat	Jackson/Calhoun	7	7.8 [a]	2.1	---	---	5.0	---	---
# YEARS ATE THE LIVER OF THE GAME MEAT: 1940-1959									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	51	13.5	1.5	2.0	8.6	15.6	20.0	20.0
F3	M/S FP	13	10.8	1.8	2.0	5.0	11.0	16.0	20.0
Ate	M/S Near FP	7	12.7	2.5	---	---	15.0	---	---
Liver of	M/S Out FP	17	13.9	1.7	3.0	10.0	16.0	20.0	20.0
Game	M/S Plume	---	---	---	---	---	---	---	---
Meat	Jackson/Calhoun	10	15.0	2.3	3.8	8.0	20.0	20.0	20.0

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

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 ATE THE LIVER OF THE GAME MEAT: 1960-1979									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	112	12.2	0.9	1.0	5.2	12.8	20.0	20.0
F3	M/S FP	20	13.9	1.8	2.8	7.4	17.8	20.0	20.0
Ate	M/S Near FP	23	7.2	1.6	1.0	2.0	3.0	10.8	20.0
Liver of	M/S Out FP	29	14.4	1.3	2.4	8.0	18.6	20.0	20.0
Game	M/S Plume	8	13.6 [a]	3.8	---	---	20.0	---	---
Meat	Jackson/Calhoun	32	10.2	1.1	1.0	4.0	10.8	16.2	20.0
# YEARS ATE THE LIVER OF THE GAME MEAT: 1980-2005									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	124	14.3	1.2	1.0	4.0	16.8	21.0	26.0
F3	M/S FP	23	15.5	2.1	2.0	6.0	18.0	21.8	25.0
Ate	M/S Near FP	29	11.1	2.1	1.0	2.0	10.2	20.0	26.0
Liver of	M/S Out FP	33	14.6	1.5	1.0	5.4	16.8	21.0	26.0
Game	M/S Plume	6	16.9	3.8	---	---	21.0	---	---
Meat	Jackson/Calhoun	33	13.7	2.2	1.0	4.0	11.6	26.0	26.0

Note: Table shows the total number of years among participants who had ever eaten the liver of the game meat 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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M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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.
	Overall	1324	95.7	4.3	0.8
	M/S FP	326	97.9	2.1 [a]	0.8
F4	M/S Near FP	264	97.4	2.6 [a]	1.0
Ate	M/S Out FP	304	96.8	3.2 [a]	1.0
Fish	M/S Plume	71	90.2	9.8 [a]	7.4
	Jackson/Calhoun	359	95.0	5.0	1.1

Note: F4 asked participants whether they had ever eaten fish.

[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 analyses include imputed values

University of Michigan Dioxin Exposure Study 05/20/08

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS ATE FISH: TOTAL									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	1278	47.0	0.9	9.8	35.0	48.0	59.0	79.0
	M/S FP	319	48.0	1.4	11.0	36.0	51.0	62.0	78.0
F4	M/S Near FP	257	48.1	1.2	15.0	41.0	50.0	59.0	73.0
Ate	M/S Out FP	296	48.0	1.6	16.0	34.0	49.0	60.0	80.0
Fish	M/S Plume	68	49.0	2.5	9.0	36.0	48.0	66.0	77.0
	Jackson/Calhoun	338	46.0	1.1	6.0	36.0	47.0	58.0	78.0
# YEARS ATE FISH: 1910-1939									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	256	9.7	0.5	2.0	5.0	9.0	14.0	19.0
	M/S FP	76	9.9	0.7	1.0	5.0	9.0	13.0	21.0
F4	M/S Near FP	39	8.0	1.0	1.0	2.0	6.0	12.0	21.0
Ate	M/S Out FP	56	9.8	0.9	1.0	5.0	9.0	15.0	19.0
Fish	M/S Plume	24	6.7	1.3	1.0	2.0	5.0	11.0	20.0
	Jackson/Calhoun	61	10.0	0.5	2.0	5.0	9.0	14.0	21.0
# YEARS ATE FISH: 1940-1959									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	804	11.9	0.4	2.0	6.0	12.0	20.0	20.0
	M/S FP	219	12.8	0.5	3.0	6.0	13.0	20.0	20.0
F4	M/S Near FP	164	11.1	0.6	2.0	5.0	9.0	19.0	20.0
Ate	M/S Out FP	174	12.4	0.8	2.0	5.0	12.0	20.0	20.0
Fish	M/S Plume	46	12.0	1.8	2.0	6.0	9.0	20.0	20.0
	Jackson/Calhoun	201	11.5	0.6	2.0	6.0	11.0	20.0	20.0

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

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 ATE FISH: 1960-1979									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F4 Ate Fish	Overall	1148	17.2	0.3	5.0	16.0	20.0	20.0	20.0
	M/S FP	291	17.8	0.4	6.0	19.0	20.0	20.0	20.0
	M/S Near FP	234	17.9	0.3	9.0	19.0	20.0	20.0	20.0
	M/S Out FP	260	17.1	0.5	4.0	18.0	20.0	20.0	20.0
	M/S Plume	63	17.6	0.7	9.0	17.0	20.0	20.0	20.0
	Jackson/Calhoun	300	17.1	0.4	5.0	16.0	20.0	20.0	20.0
# YEARS ATE FISH: 1980-2005									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F4 Ate Fish	Overall	1265	24.0	0.3	9.0	25.0	26.0	26.0	26.0
	M/S FP	314	23.8	0.4	10.0	25.0	25.0	26.0	26.0
	M/S Near FP	252	24.5	0.2	19.0	25.0	25.0	26.0	26.0
	M/S Out FP	295	24.2	0.3	12.0	25.0	26.0	26.0	26.0
	M/S Plume	68	23.7	0.9	5.0	25.0	26.0	26.0	26.0
	Jackson/Calhoun	336	23.7	0.5	4.6	26.0	26.0	26.0	26.0

Note: Table shows the total number of years among participants who had ever eaten fish 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
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Procedure: PROC 6
Last Update: XZ 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
Data analyses include imputed values

University of Michigan Dioxin Exposure Study 05/20/08

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.
F5 Ate Eggs	Overall	1324	99.2	0.8 [a]	0.5
	M/S FP	326	99.5	0.5 [a]	0.5
	M/S Near FP	264	99.4	0.6 [a]	0.4
	M/S Out FP	304	100.0	0.0	0.0
	M/S Plume	71	88.2	11.8 [a]	8.0
	Jackson/Calhoun	359	99.1	0.9 [a]	0.7

Note: F5 asked participants whether they had ever eaten eggs.

[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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M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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 ATE EGGS: TOTAL									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	1316	50.4	0.8	21.0	39.0	50.0	61.0	80.0
	M/S FP	324	53.7	1.2	21.6	45.2	54.0	64.0	80.0
F5	M/S Near FP	262	52.1	1.0	23.0	45.0	52.0	62.0	73.0
Ate	M/S Out FP	304	51.2	1.5	22.0	41.0	50.0	63.0	81.0
Eggs	M/S Plume	69	56.1	2.2	28.0	48.0	53.0	68.0	85.0
	Jackson/Calhoun	357	49.2	1.0	20.0	38.0	49.0	59.0	78.0
# YEARS ATE EGGS: 1910-1939									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	319	9.8	0.6	1.0	4.0	9.0	14.0	20.0
	M/S FP	90	10.9	0.7	1.0	7.0	10.0	15.0	22.0
F5	M/S Near FP	54	8.0	0.9	1.0	3.0	6.0	12.8	21.0
Ate	M/S Out FP	67	10.1	1.1	1.0	5.0	10.0	15.0	20.0
Eggs	M/S Plume	30	9.2	1.9	1.0	3.0	6.0	12.0	30.0
	Jackson/Calhoun	78	9.5	0.4	2.0	5.0	9.0	14.0	20.0
# YEARS ATE EGGS: 1940-1959									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	921	12.2	0.4	2.0	6.0	12.0	20.0	20.0
	M/S FP	249	13.0	0.5	2.0	7.0	14.0	20.0	20.0
F5	M/S Near FP	189	11.7	0.6	2.0	6.0	11.8	20.0	20.0
Ate	M/S Out FP	199	12.5	0.6	2.0	5.0	12.0	20.0	20.0
Eggs	M/S Plume	56	12.2	1.5	2.0	6.0	9.0	20.0	20.0
	Jackson/Calhoun	228	11.9	0.5	1.0	6.0	12.0	20.0	20.0

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

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 ATE EGGS: 1960-1979									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F5 Ate Eggs	Overall	1236	17.7	0.2	7.0	18.0	20.0	20.0	20.0
	M/S FP	307	18.8	0.3	9.4	20.0	20.0	20.0	20.0
	M/S Near FP	246	18.8	0.2	11.0	20.0	20.0	20.0	20.0
	M/S Out FP	281	17.8	0.4	6.0	18.0	20.0	20.0	20.0
	M/S Plume	66	18.8	0.5	10.0	20.0	20.0	20.0	20.0
	Jackson/Calhoun	336	17.4	0.3	7.0	16.0	20.0	20.0	20.0
# YEARS ATE EGGS: 1980-2005									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F5 Ate Eggs	Overall	1312	25.2	0.1	21.0	26.0	26.0	26.0	26.0
	M/S FP	324	25.0	0.2	21.2	25.0	25.0	26.0	26.0
	M/S Near FP	260	25.2	0.1	22.0	25.0	25.8	26.0	26.0
	M/S Out FP	304	25.2	0.2	21.0	25.0	26.0	26.0	26.0
	M/S Plume	69	25.7	0.1	25.0	26.0	26.0	26.0	26.0
	Jackson/Calhoun	355	25.2	0.2	20.0	26.0	26.0	26.0	26.0

Note: Table shows the total number of years among participants who had ever eaten eggs 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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Last Update: XZ 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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.
F6 Drank Milk	Overall	1324	97.6	2.4 [a]	0.6
	M/S FP	326	96.4	3.6 [a]	1.1
	M/S Near FP	264	98.0	2.0 [a]	1.1
	M/S Out FP	304	97.3	2.7 [a]	1.0
	M/S Plume	71	98.0	2.0 [a]	1.7
	Jackson/Calhoun	359	97.9	2.1 [a]	0.8

Note: F6 asked participants whether they ever drank milk.

[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 analyses include imputed values

University of Michigan Dioxin Exposure Study 05/20/08

QUESTIONNAIRE ANALYSES: Descriptive statistics for each question by region

Population: All Participants (n=1324)

Sample type: Questionnaire

Sample weight: wt_final_iw

# YEARS DRANK MILK: TOTAL									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F6 Drank Milk	Overall	1287	48.5	0.9	20.0	36.0	49.0	59.0	80.0
	M/S FP	313	51.5	1.2	21.0	42.0	52.0	64.0	79.0
	M/S Near FP	260	50.3	1.1	19.8	43.0	52.0	60.0	73.0
	M/S Out FP	297	49.8	1.6	21.0	38.0	49.2	61.0	80.0
	M/S Plume	69	51.5	1.9	21.0	42.0	52.0	63.0	78.0
	Jackson/Calhoun	348	47.0	1.0	19.0	36.0	48.0	58.0	78.0
# YEARS DRANK MILK: 1910-1939									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F6 Drank Milk	Overall	302	9.6	0.6	1.0	4.0	9.0	14.0	19.0
	M/S FP	86	10.2	0.7	1.0	5.0	10.0	14.0	21.0
	M/S Near FP	52	7.8	0.9	1.0	3.0	6.0	12.0	19.0
	M/S Out FP	65	9.8	1.1	1.0	4.0	10.0	15.0	19.0
	M/S Plume	26	7.8	1.5	1.0	2.0	6.0	12.0	21.0
	Jackson/Calhoun	73	9.6	0.6	2.0	4.0	9.0	14.0	19.0
# YEARS DRANK MILK: 1940-1959									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F6 Drank Milk	Overall	902	11.8	0.4	1.0	5.4	12.0	20.0	20.0
	M/S FP	241	12.8	0.5	2.0	6.0	14.0	20.0	20.0
	M/S Near FP	189	11.3	0.6	1.0	5.6	9.8	19.8	20.0
	M/S Out FP	195	12.3	0.6	2.0	5.0	12.0	20.0	20.0
	M/S Plume	54	11.4	1.4	2.0	6.0	9.0	20.0	20.0
	Jackson/Calhoun	223	11.4	0.5	1.0	6.0	11.0	20.0	20.0

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

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 DRANK MILK: 1960-1979									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F6 Drank Milk	Overall	1186	17.5	0.2	6.0	17.0	20.0	20.0	20.0
	M/S FP	291	18.5	0.3	9.0	20.0	20.0	20.0	20.0
	M/S Near FP	241	18.6	0.3	10.0	20.0	20.0	20.0	20.0
	M/S Out FP	269	17.7	0.4	6.0	18.0	20.0	20.0	20.0
	M/S Plume	63	18.2	0.6	9.0	20.0	20.0	20.0	20.0
	Jackson/Calhoun	322	17.2	0.3	6.0	16.0	20.0	20.0	20.0
# YEARS DRANK MILK: 1980-2005									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F6 Drank Milk	Overall	1234	24.9	0.1	20.0	25.8	26.0	26.0	26.0
	M/S FP	301	24.4	0.3	20.0	25.0	25.0	26.0	26.0
	M/S Near FP	253	24.6	0.3	20.0	25.0	25.0	26.0	26.0
	M/S Out FP	286	25.0	0.1	21.0	25.0	26.0	26.0	26.0
	M/S Plume	63	25.3	0.2	21.0	26.0	26.0	26.0	26.0
	Jackson/Calhoun	331	24.8	0.2	20.0	26.0	26.0	26.0	26.0

Note: Table shows the total number of years among participants who ever drank milk 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 6
Last Update: XZ 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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.
	Overall	1324	99.7	0.3 [a]	0.2
F7	M/S FP	326	100.0	0.0	0.0
Ate	M/S Near FP	264	100.0	0.0	0.0
Other	M/S Out FP	304	99.4	0.6 [a]	0.3
Dairy	M/S Plume	71	100.0	0.0	0.0
Products	Jackson/Calhoun	359	99.9	0.1 [a]	0.1

Note: F7 asked participants whether they had ever eaten other dairy products such as cheese, yogurt, cottage cheese, cream, or ice cream.
[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 ATE OTHER DAIRY PRODUCTS: TOTAL									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	1320	50.7	0.8	21.0	40.0	50.0	60.0	80.0
F7	M/S FP	326	54.2	1.1	22.0	45.0	54.0	65.0	80.0
Ate	M/S Near FP	264	52.5	1.0	23.0	45.0	53.0	62.0	76.0
Other	M/S Out FP	301	51.0	1.5	21.0	41.0	50.0	62.0	81.0
Dairy	M/S Plume	71	54.7	2.0	25.0	47.0	53.0	67.0	84.0
Products	Jackson/Calhoun	358	50.1	1.0	21.0	38.0	49.0	59.0	80.0
# YEARS ATE OTHER DAIRY PRODUCTS: 1910-1939									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	322	9.9	0.6	1.0	5.0	9.0	14.0	20.0
F7	M/S FP	94	10.6	0.7	1.0	6.0	10.0	14.0	22.0
Ate	M/S Near FP	55	8.0	0.9	1.0	3.0	6.0	12.0	21.0
Other	M/S Out FP	67	10.2	1.0	1.0	5.0	11.0	15.0	20.0
Dairy	M/S Plume	29	9.3	2.0	1.0	3.0	6.0	12.0	30.0
Products	Jackson/Calhoun	77	9.7	0.5	2.0	4.0	9.0	14.0	20.0
# YEARS ATE OTHER DAIRY PRODUCTS: 1940-1959									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	927	12.1	0.4	2.0	6.0	12.0	20.0	20.0
F7	M/S FP	251	13.2	0.5	2.0	7.0	14.0	20.0	20.0
Ate	M/S Near FP	193	11.6	0.6	2.0	6.0	11.0	20.0	20.0
Other	M/S Out FP	195	12.4	0.6	2.0	5.0	12.0	20.0	20.0
Dairy	M/S Plume	56	11.9	1.4	2.0	6.0	9.0	20.0	20.0
Products	Jackson/Calhoun	232	11.8	0.5	1.0	6.0	12.0	20.0	20.0

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

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 ATE OTHER DAIRY PRODUCTS: 1960-1979									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	1241	17.8	0.2	7.0	18.0	20.0	20.0	20.0
F7	M/S FP	308	18.9	0.2	11.0	20.0	20.0	20.0	20.0
Ate	M/S Near FP	250	18.9	0.2	11.0	20.0	20.0	20.0	20.0
Other	M/S Out FP	277	17.8	0.4	6.0	18.0	20.0	20.0	20.0
Dairy	M/S Plume	68	18.4	0.6	9.0	20.0	20.0	20.0	20.0
Products	Jackson/Calhoun	338	17.7	0.3	8.0	17.0	20.0	20.0	20.0
# YEARS ATE OTHER DAIRY PRODUCTS: 1980-2005									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
	Overall	1319	25.4	0.1	21.0	26.0	26.0	26.0	26.0
F7	M/S FP	326	25.2	0.1	22.0	25.0	25.0	26.0	26.0
Ate	M/S Near FP	264	25.3	0.1	23.0	25.0	26.0	26.0	26.0
Other	M/S Out FP	300	25.3	0.1	21.0	25.0	26.0	26.0	26.0
Dairy	M/S Plume	71	25.5	0.3	25.0	26.0	26.0	26.0	26.0
Products	Jackson/Calhoun	358	25.5	0.1	21.0	26.0	26.0	26.0	26.0

Note: Table shows the total number of years among participants who had ever eaten other dairy products such as cheese, yogurt, cottage cheese, cream, or ice cream 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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M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
Data analyses include imputed values

University of Michigan Dioxin Exposure Study 05/20/08

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.
F8 Ever a Vege - tarian	Overall	1324	4.2 [a]	95.8	1.1
	M/S FP	326	2.9 [a]	97.1	1.0
	M/S Near FP	264	2.8 [a]	97.2	1.2
	M/S Out FP	304	5.5 [a]	94.5	2.1
	M/S Plume	71	2.5 [a]	97.5	1.8
	Jackson/Calhoun	359	3.3 [a]	96.7	1.1

Note: F8 asked participants whether they had ever been a vegetarian.

[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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M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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 BEEN A VEGETARIAN: TOTAL									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F8 Ever a Vege - tarian	Overall	47	7.7 [a]	2.3	1.0	2.0	3.0	6.0	32.0
	M/S FP	10	7.6	1.9	1.0	1.0	10.0	11.0	17.0
	M/S Near FP	7	2.2	0.5	---	---	2.0	---	---
	M/S Out FP	14	6.9	1.7	1.0	2.0	3.0	13.0	32.0
	M/S Plume	---	---	---	---	---	---	---	---
	Jackson/Calhoun	14	9.3 [a]	5.6	1.0	2.0	3.0	5.0	54.0
# YEARS BEEN A VEGETARIAN: 1910-1939									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F8 Ever a Vege - tarian	Overall	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M/S FP	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M/S Near FP	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M/S Out FP	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M/S Plume	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jackson/Calhoun	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
# YEARS BEEN A VEGETARIAN: 1940-1959									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F8 Ever a Vege - tarian	Overall	---	---	---	---	---	---	---	---
	M/S FP	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M/S Near FP	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M/S Out FP	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M/S Plume	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jackson/Calhoun	---	---	---	---	---	---	---	---

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

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 BEEN A VEGETARIAN: 1960-1979									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F8 Ever a Vege - tarian	Overall	20	5.1 [a]	1.4	1.0	2.0	3.0	10.0	20.0
	M/S FP	---	---	---	---	---	---	---	---
	M/S Near FP	---	---	---	---	---	---	---	---
	M/S Out FP	9	4.2	1.0	---	---	3.0	---	---
	M/S Plume	---	---	---	---	---	---	---	---
	Jackson/Calhoun	6	8.5 [a]	4.7	---	---	3.0	---	---
# YEARS BEEN A VEGETARIAN: 1980-2005									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F8 Ever a Vege - tarian	Overall	34	6.8 [a]	2.3	1.0	1.0	3.0	6.0	26.0
	M/S FP	9	8.8	1.8	---	---	11.0	---	---
	M/S Near FP	5	2.2 [a]	0.6	---	---	2.0	---	---
	M/S Out FP	9	6.7 [a]	3.0	---	---	3.0	---	---
	M/S Plume	---	---	---	---	---	---	---	---
	Jackson/Calhoun	10	7.1 [a]	3.8	1.0	2.0	3.0	5.0	26.0

Note: Table shows the total number of years among participants who had ever been a vegetarian 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
---Estimate not shown to maintain confidentiality of study participants.

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 6
Last Update: XZ 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
Data analyses include imputed values

University of Michigan Dioxin Exposure Study 05/20/08

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.
F10 Fish from TR, Saginaw River/Bay	Overall	1324	28.9	71.1	1.5
	M/S FP	326	63.3	36.7	3.2
	M/S Near FP	264	56.7	43.3	3.7
	M/S Out FP	304	49.7	50.3	2.6
	M/S Plume	71	42.0	58.0	8.7
	Jackson/Calhoun	359	8.3	91.7	1.7

Note: F10 asked participants whether they had ever eaten fish caught from the Tittabawassee River, Saginaw River or Saginaw Bay.

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 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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 ATE FISH CAUGHT FROM THE TITTABAWASSEE RIVER, SAGINAW RIVER OR SAGINAW BAY: TOTAL									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F10 Fish from TR, Saginaw River/Bay	Overall	549	18.4	2.0	1.0	4.6	11.0	30.4	53.2
	M/S FP	199	19.7	1.5	1.0	4.0	11.2	31.0	62.8
	M/S Near FP	146	22.9	1.7	1.0	6.2	18.6	35.8	56.2
	M/S Out FP	150	20.2	2.5	1.0	5.0	12.2	33.0	55.4
	M/S Plume	27	14.4	3.4	1.0	3.0	10.8	16.8	39.0
	Jackson/Calhoun	27	9.4	2.0	1.0	1.8	6.0	15.2	35.0
# YEARS ATE FISH CAUGHT FROM THE TITTABAWASSEE RIVER, SAGINAW RIVER OR SAGINAW BAY: 1910-1939									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F10 Fish from TR, Saginaw River/Bay	Overall	26	10.4	2.2	2.0	8.0	9.0	14.0	17.8
	M/S FP	16	9.7	1.1	2.6	7.0	9.0	12.0	17.0
	M/S Near FP	---	---	---	---	---	---	---	---
	M/S Out FP	7	10.5	2.3	---	---	9.0	---	---
	M/S Plume	---	---	---	---	---	---	---	---
	Jackson/Calhoun	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
# YEARS ATE FISH CAUGHT FROM THE TITTABAWASSEE RIVER, SAGINAW RIVER OR SAGINAW BAY: 1940-1959									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F10 Fish from TR, Saginaw River/Bay	Overall	124	9.6	1.3	1.0	4.0	7.2	16.0	20.0
	M/S FP	55	10.9	1.1	1.0	4.8	10.0	18.0	20.0
	M/S Near FP	33	8.8	1.0	1.6	5.0	7.0	12.4	20.0
	M/S Out FP	28	10.0	1.6	1.0	4.2	7.2	19.4	20.0
	M/S Plume	---	---	---	---	---	---	---	---
	Jackson/Calhoun	5	7.9 [a]	3.0	---	---	7.8	---	---

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

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

# ATE FISH CAUGHT FROM THE TITTABAWASSEE RIVER, SAGINAW RIVER OR SAGINAW BAY: 1960-1979									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F10 Fish from TR, Saginaw River/Bay	Overall	317	10.7	0.8	1.0	5.2	9.8	18.2	20.0
	M/S FP	116	12.3	0.8	1.0	5.0	11.6	20.0	20.0
	M/S Near FP	89	13.0	0.7	2.0	7.8	14.0	20.0	20.0
	M/S Out FP	92	11.1	0.9	1.8	5.4	10.0	19.2	20.0
	M/S Plume	10	12.6	2.2	3.0	7.0	16.0	17.6	18.0
	Jackson/Calhoun	10	6.1 [a]	1.7	1.0	1.2	6.6	9.4	13.8
# YEARS ATE FISH CAUGHT FROM THE TITTABAWASSEE RIVER, SAGINAW RIVER OR SAGINAW BAY: 1980-2005									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F10 Fish from TR, Saginaw River/Bay	Overall	460	12.7	1.1	1.0	3.8	10.0	25.0	26.0
	M/S FP	163	12.4	0.9	1.0	2.6	11.0	21.0	26.0
	M/S Near FP	129	14.9	0.9	1.0	6.0	16.2	25.0	26.0
	M/S Out FP	124	13.7	1.3	1.0	5.0	11.8	25.0	26.0
	M/S Plume	24	10.9	2.3	1.0	3.0	8.6	16.0	26.0
	Jackson/Calhoun	20	7.7 [a]	2.2	1.0	1.0	6.0	8.0	26.0

Note: Table shows the total number of years among participants who had ever eaten fish caught from the Tittabawassee River, Saginaw River or Saginaw Bay 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

--- 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 6
Last Update: XZ 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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.
F11a Trim Belly Meat of the Fish	Overall	556	83.2	16.8	3.9
	M/S FP	202	74.0	26.0	4.1
	M/S Near FP	147	74.4	25.6	5.5
	M/S Out FP	152	84.3	15.7 [a]	4.6
	M/S Plume	27	92.7	7.3 [a]	5.1
	Jackson/Calhoun	28	76.8	23.2 [a]	9.3

	Region	N	% Yes	% No	S.E.
F11b Trim Fat from Side or Back of the Fish	Overall	556	67.7	32.3	4.5
	M/S FP	202	64.4	35.6	4.3
	M/S Near FP	147	56.6	43.4	6.4
	M/S Out FP	152	69.6	30.4	5.2
	M/S Plume	27	63.3	36.7 [a]	14.8
	Jackson/Calhoun	28	60.8	39.2 [a]	10.3

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

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.
F11c Remove Skin of the Fish	Overall	556	83.3	16.7	3.2
	M/S FP	202	76.2	23.8	4.1
	M/S Near FP	147	70.6	29.4	5.5
	M/S Out FP	152	84.3	15.7	3.4
	M/S Plume	27	95.5	4.5 [a]	3.5
	Jackson/Calhoun	28	77.0	23.0 [a]	10.2

Note: F11(F11a – F11c) asked participants about trimming or preparing fish caught from the Tittabawassee River, Saginaw River or Saginaw Bay. These trimming or preparing methods includes trimming the belly meat of the fish, trimming the fat from the sides or back of the fish, removing or puncturing the skin of the fish.

[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 1
Last Update: XZ 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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.
F12	Overall	556	7.4 [a]	92.6	1.9
Change	M/S FP	202	12.8 [a]	87.2	3.2
Method	M/S Near FP	147	7.4 [a]	92.6	3.1
of	M/S Out FP	152	8.4 [a]	91.6	2.5
Trimming	M/S Plume	27	4.9 [a]	95.1	3.6
Fish	Jackson/Calhoun	28	2.4 [a]	97.6	2.2

Note: F12 asked participants whether they had changed how they trim or prepare fish that are caught from the Tittabawassee River, Saginaw River, or Saginaw Bay.

[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 05/20/08

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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.
	Overall	556	1.3 [a]	98.7	0.8
F13a	M/S FP	202	1.7 [a]	98.3	0.9
Started	M/S Near FP	147	2.8 [a]	97.2	1.3
Trimming	M/S Out FP	152	1.6 [a]	98.4	1.1
Belly	M/S Plume	27	0.0	100.0	0.0
Meat	Jackson/Calhoun	28	0.0	100.0	0.0

	Region	N	% Yes	% No	S.E.
F13b	Overall	556	0.7 [a]	99.3	0.6
Started	M/S FP	202	1.5 [a]	98.5	0.8
Trimming	M/S Near FP	147	2.8 [a]	97.2	1.3
Fat from	M/S Out FP	152	0.8 [a]	99.2	0.8
side/back	M/S Plume	27	0.0	100.0	0.0
of Fish	Jackson/Calhoun	28	0.0	100.0	0.0

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

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.
F13c Started Removing Skin of the Fish	Overall	556	0.7 [a]	99.3	0.6
	M/S FP	202	1.0 [a]	99.0	0.7
	M/S Near FP	147	1.1 [a]	98.9	0.8
	M/S Out FP	152	0.8 [a]	99.2	0.8
	M/S Plume	27	0.0	100.0	0.0
	Jackson/Calhoun	28	0.0	100.0	0.0

	Region	N	% Yes	% No	S.E.
F13d Stopped Trimming Belly Meat	Overall	556	0.0	100.0	0.0
	M/S FP	202	0.0	100.0	0.0
	M/S Near FP	147	0.0	100.0	0.0
	M/S Out FP	152	0.0	100.0	0.0
	M/S Plume	27	0.0	100.0	0.0
	Jackson/Calhoun	28	0.0	100.0	0.0

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

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.
F13e Stopped Trimming Fat from side/back of Fish	Overall	556	0.0	100.0	0.0
	M/S FP	202	0.0	100.0	0.0
	M/S Near FP	147	0.0	100.0	0.0
	M/S Out FP	152	0.0	100.0	0.0
	M/S Plume	27	0.0	100.0	0.0
	Jackson/Calhoun	28	0.0	100.0	0.0

	Region	N	% Yes	% No	S.E.
F13f Stopped Removing Skin of the Fish	Overall	556	0.6 [a]	99.4	0.6
	M/S FP	202	0.0	100.0	0.0
	M/S Near FP	147	0.0	100.0	0.0
	M/S Out FP	152	0.7 [a]	99.3	0.7
	M/S Plume	27	0.0	100.0	0.0
	Jackson/Calhoun	28	0.0	100.0	0.0

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

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.
F13g Other Changes	Overall	556	6.0 [a]	94.0	1.6
	M/S FP	202	8.8 [a]	91.2	2.3
	M/S Near FP	147	5.4 [a]	94.6	1.8
	M/S Out FP	152	6.7 [a]	93.3	2.0
	M/S Plume	27	4.9 [a]	95.1	3.6
	Jackson/Calhoun	28	2.4 [a]	97.6	2.2

Note: F13 (F13a-F13g) asked participants what change they had made in trimming or preparing fish that are caught from the Tittabawassee River, Saginaw River or Saginaw Bay. Other changes reported by participants included stopped eating fish, stopped fishing, remove mud vein, filet, and greater attention to cleaning and preparation methods.

[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

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Procedure: PROC 1

Last Update: XZ 05/20/2008

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

Data analyses include imputed values

University of Michigan Dioxin Exposure Study 05/20/08

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.
	Overall	1324	3.9	96.1	0.8
F15	M/S FP	326	0.1 [a]	99.9	0.1
Ate	M/S Near FP	264	0.9 [a]	99.1	0.7
Fish from	M/S Out FP	304	0.7 [a]	99.3	0.5
KM River	M/S Plume	71	7.4 [a]	92.6	7.0
	Jackson/Calhoun	359	6.6	93.4	1.4

Note: F15 asked participants whether they had ever eaten fish caught from the Kalamazoo River between Morrow Pond Dam and Lake Michigan.

[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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Last Update: XZ 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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 ATE FISH CAUGHT FROM THE KALAMAZOO RIVER: TOTAL									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F15 Ate Fish from KM River	Overall	31	11.2	2.2	1.0	2.0	7.8	16.2	37.4
	M/S FP	---	---	---	---	---	---	---	---
	M/S Near FP	---	---	---	---	---	---	---	---
	M/S Out FP	---	---	---	---	---	---	---	---
	M/S Plume	---	---	---	---	---	---	---	---
	Jackson/Calhoun	25	9.9	2.2	1.0	2.0	5.8	14.8	31.2
# YEARS ATE FISH CAUGHT FROM THE KALAMAZOO RIVER: 1910-1939									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F15 Ate Fish from KM River	Overall	---	---	---	---	---	---	---	---
	M/S FP	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M/S Near FP	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M/S Out FP	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M/S Plume	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jackson/Calhoun	---	---	---	---	---	---	---	---
# YEARS ATE FISH CAUGHT FROM THE KALAMAZOO RIVER: 1940-1959									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F15 Ate Fish from KM River	Overall	---	---	---	---	---	---	---	---
	M/S FP	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M/S Near FP	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M/S Out FP	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M/S Plume	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jackson/Calhoun	---	---	---	---	---	---	---	---

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

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 ATE FISH CAUGHT FROM THE KALAMAZOO RIVER: 1960-1979									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F15 Ate Fish from KM River	Overall	16	8.6	2.0	2.0	3.0	7.6	12.2	20.0
	M/S FP	---	---	---	---	---	---	---	---
	M/S Near FP	---	---	---	---	---	---	---	---
	M/S Out FP	---	---	---	---	---	---	---	---
	M/S Plume	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Jackson/Calhoun	13	8.3	2.0	2.0	2.0	7.0	11.4	20.0
# YEARS ATE FISH CAUGHT FROM THE KALAMAZOO RIVER: 1980-2005									
	Region	**N**	**Mean**	**S.E.**	**5%ile**	**25 %ile**	**Median**	**75 %ile**	**95th %ile**
F15 Ate Fish from KM River	Overall	23	8.3	1.4	1.0	2.0	5.2	14.0	24.2
	M/S FP	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M/S Near FP	---	---	---	---	---	---	---	---
	M/S Out FP	---	---	---	---	---	---	---	---
	M/S Plume	---	---	---	---	---	---	---	---
	Jackson/Calhoun	19	6.6	1.3	1.0	2.0	4.0	8.0	20.4

Note: Table shows the total number of years among participants who had ever eaten fish caught from the Kalamazoo River between Morrow Pond Dam and Lake Michigan 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

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

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 6
Last Update: XZ 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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.
F17a	Overall	31	75.6	24.4 [a]	10.0
Trim	M/S FP	---	---	---	---
Belly	M/S Near FP	---	---	---	---
Meat	M/S Out FP	---	---	---	---
of the	M/S Plume	---	---	---	---
Fish	Jackson/Calhoun	25	71.5	28.5 [a]	11.6

	Region	N	% Yes	% No	S.E.
F17b	Overall	31	68.0	32.0 [a]	10.0
Trim	M/S FP	---	---	---	---
Fat from	M/S Near FP	---	---	---	---
Side or	M/S Out FP	---	---	---	---
Back of	M/S Plume	---	---	---	---
the Fish	Jackson/Calhoun	25	62.6	37.4 [a]	11.3

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

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.
F17c Remove Skin of the Fish	Overall	31	91.1	8.9 [a]	4.2
	M/S FP	---	---	---	---
	M/S Near FP	---	---	---	---
	M/S Out FP	---	---	---	---
	M/S Plume	---	---	---	---
	Jackson/Calhoun	25	89.6	10.4 [a]	4.8

Note: F17(F17a-F17c) asked participants how they had trimmed or prepared fish caught from the Kalamazoo River between Morrow Pond Dam and Lake Michigan. These trimming or preparing methods includes trimming the belly meat of the fish, trimming the fat from the sides or back of the fish, removing or puncturing the skin of the fish

[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 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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.
F18	Overall	31	6.6 [a]	93.4	5.6
Change	M/S FP	---	---	---	---
Method	M/S Near FP	---	---	---	---
of	M/S Out FP	---	---	---	---
Trimming	M/S Plume	---	---	---	---
Fish	Jackson/Calhoun	25	3.8 [a]	96.2	3.3

Note: F18 asked participants whether they had changed how they trim or prepare fish caught from the Kalamazoo River between Morrow Pond Dam and Lake Michigan.

[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 05/20/2008

M/S= Midland/Saginaw, FP=Floodplain, TR=Tittabawassee River, KM=Kalamazoo
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.
F19a Started Trimming Belly Meat	Overall	31	0.0	100.0	0.0
	M/S FP	---	---	---	---
	M/S Near FP	---	---	---	---
	M/S Out FP	---	---	---	---
	M/S Plume	---	---	---	---
	Jackson/Calhoun	25	0.0	100.0	0.0

	Region	N	% Yes	% No	S.E.
F19b Started Trimming Fat from side/back of Fish	Overall	31	0.0	100.0	0.0
	M/S FP	---	---	---	---
	M/S Near FP	---	---	---	---
	M/S Out FP	---	---	---	---
	M/S Plume	---	---	---	---
	Jackson/Calhoun	25	0.0	100.0	0.0

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

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.
F19c Started Removing Skin of the Fish	Overall	31	0.0	100.0	0.0
	M/S FP	---	---	---	---
	M/S Near FP	---	---	---	---
	M/S Out FP	---	---	---	---
	M/S Plume	---	---	---	---
	Jackson/Calhoun	25	0.0	100.0	0.0

	Region	N	% Yes	% No	S.E.
F19d Stopped Trimming Belly Meat	Overall	31	0.0	100.0	0.0
	M/S FP	---	---	---	---
	M/S Near FP	---	---	---	---
	M/S Out FP	---	---	---	---
	M/S Plume	---	---	---	---
	Jackson/Calhoun	25	0.0	100.0	0.0

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

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.
F19e Stopped Trimming Fat from side/back of Fish	Overall	31	0.0	100.0	0.0
	M/S FP	---	---	---	---
	M/S Near FP	---	---	---	---
	M/S Out FP	---	---	---	---
	M/S Plume	---	---	---	---
	Jackson/Calhoun	25	0.0	100.0	0.0

	Region	N	% Yes	% No	S.E.
F19f Stopped Removing Skin of the Fish	Overall	31	0.0	100.0	0.0
	M/S FP	---	---	---	---
	M/S Near FP	---	---	---	---
	M/S Out FP	---	---	---	---
	M/S Plume	---	---	---	---
	Jackson/Calhoun	25	0.0	100.0	0.0

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

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.
F19g Other Changes	Overall	31	1.1 [a]	98.9	1.1
	M/S FP	---	---	---	---
	M/S Near FP	---	---	---	---
	M/S Out FP	---	---	---	---
	M/S Plume	---	---	---	---
	Jackson/Calhoun	25	1.2 [a]	98.8	1.3

Note: F19 (F19a-F19g) asked participants what change they had made in trimming or preparing fish that are caught from the Kalamazoo River between Morrow Pond Dam and Lake Michigan.

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Procedure: PROC 1
Last Update: XZ 05/20/2008

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Data analyses include imputed values