

## APPENDIX

**Table 1: Consumption Survey Demographics (N = 624)**

Demographic Variables		Frequency	Percentage
Site			
	Mall	470	75.3
	Other	154	24.7
Gender			
	Male	206	33.0
	Female	415	66.5
	Missing	3	.5
Full or Part-time Student			
	Yes	142	22.8
	No	479	76.8
	Missing	3	.5
Household Shopper			
	Yes	439	70.4
	No	58	9.3
	Shared	125	20.0
	Missing	2	.3
Food Prep/Cook			
	Yes	407	65.2
	No	71	11.4
	Shared	143	22.9
	Missing	3	.5
Level of Schooling			
	<High School	16	2.6
	HS/GED	125	20.0
	Tech/Voc	47	7.5
	Some College	224	35.9
	4yr. College	146	23.4
	Grad Degree	64	10.3
	Missing	2	.3
Yearly Income <sup>1</sup>			
	<\$10,000	140	22.4
	10,000-19,999	99	15.9
	20,000-29,999	108	17.3
	30,000-39,999	50	8.0
	40,000-49,999	53	8.5
	50,000-59,999	48	7.7
	60,000-69,999	30	4.8
	70,000-79,999	19	3.0
	80,000 or >	54	8.7
	Missing	23	3.7

<sup>1</sup> U.S. Census Data (2000) for income levels in Missoula County – 11.67% less than \$10,000; 24.6% between \$10,000 and \$24,999; 31.2% between \$25,000 and \$49,999; 18.8% between \$50,000 and \$74,999; and 7.5% between \$75,000 and \$99,000.

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Food Stamp (past year)		
Yes	87	13.9
No	531	85.1
Missing	6	1.0
WIC Program (past year)		
Yes	58	9.3
No	558	89.4
Missing	8	1.3

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**Table 2: Focus Group Demographics (N = 19)**

Demographic Items		Frequency	Percentage
Age	Range: 21-58    Average = 34.2		
Gender			
	Female	11	57.9
	Male	6	31.6
	Missing	2	10.5
Student Status			
	Yes	2	10.5
	No	15	79.0
	Missing	2	10.5
Food Shopper			
	Yes	10	52.6
	No	1	5.3
	Shared	6	31.6
	Missing	2	10.5
Food Prep/Cook			
	Yes	10	52.6
	No	3	15.8
	Shared	4	21.1
	Missing	2	10.5
Education Level			
	Less than high school	2	10.5
	High school/GED	4	21.1
	Some college	5	26.3
	4-year college degree	6	31.6
	Missing	2	10.5
Yearly Household Income			
	Less than \$10,000	7	36.9
	10,000-19,999	5	26.3
	20,000-29,999	5	26.3
	Missing	2	10.5
Children in Household (under 18)			
	0	4	21.1
	1-2	11	57.8
	3-4	1	5.3
	5 or more	1	5.3
	Missing	2	10.5
Total People in Household			
	1	1	5.3
	2-3	9	47.4
	4-5	2	10.5
	more than 5	5	26.3
	Missing	2	10.5
Food Stamps in Past Year			
	Yes	9	47.4
	No	8	42.1
	Missing	2	10.5

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WIC in Past Year		
Yes	7	36.9
No	10	52.6
Missing	2	10.5

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**Table 3: Food Consumer Food-Related Problems or Concerns (N=624)**

Problems or Concerns	Frequency	Percentage
Pesticide residues on foods:		
Very much a problem or concern	267	42.8
Somewhat a problem or concern	250	40.1
Not a problem or concern	105	16.8
Missing	2	.3
Food safety:		
Very much a problem or concern	266	42.6
Somewhat a problem or concern	244	39.1
Not a problem or concern	113	18.1
Missing	1	.2
Having enough money to buy the food I need for myself/family:		
Very much a problem or concern	203	32.5
Somewhat a problem or concern	208	33.3
Not a problem or concern	211	33.8
Missing	2	.3
The nutritional quality of food:		
Very much a problem or concern	199	31.9
Somewhat a problem or concern	207	33.2
Not a problem or concern	212	34.0
Missing	6	1.0
The price of food I like to eat:		
Very much a problem or concern	175	28.0
Somewhat a problem or concern	305	48.9
Not a problem or concern	142	22.8
Missing	2	.3
The freshness of food I like to eat:		
Very much a problem or concern	175	28.0
Somewhat a problem or concern	254	40.7
Not a problem or concern	190	30.4
Missing	5	.8
How far away the food I eat/buy comes from:		
Very much a problem or concern	130	20.8
Somewhat a problem or concern	243	38.9
Not a problem or concern	245	39.3
Missing	6	1.0
Availability of the foods I like to eat:		
Very much a problem or concern	115	18.4
Somewhat a problem or concern	214	34.3
Not a problem or concern	291	46.6
Missing	4	.6
Whether the food I eat is organic:		
Very much a problem or concern	111	17.8
Somewhat a problem or concern	241	38.6
Not a problem or concern	271	43.4
Missing	1	.2

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The amount of time it takes to prepare/cook meals:	81	13.0
Very much a problem or concern	237	38.0
Somewhat a problem or concern	304	48.7
Not a problem or concern	2	.3
Missing		
The variety of food to choose from in food stores:		
Very much a problem or concern	80	12.8
Somewhat a problem or concern	238	38.1
Not a problem or concern	306	49.0
Missing	0	.0
Being within walking/biking distance to a food store:		
Very much a problem or concern	65	10.4
Somewhat a problem or concern	141	22.6
Not a problem or concern	416	66.7
Missing	2	.3
Finding culturally appropriate foods:		
Very much a problem or concern	47	7.5
Somewhat a problem or concern	139	22.3
Not a problem or concern	434	69.6
Missing	4	.6
Transportation to and from food stores:		
Very much a problem or concern	26	4.2
Somewhat a problem or concern	108	17.3
Not a problem or concern	487	78.0
Missing	3	.5

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**Table 4: Food Consumer Behaviors (N=624)**

Food Consumer Behaviors	Frequency	Percentage
Used a public form of transportation to get to a food store:		
Never	489	78.4
Rarely	78	12.5
Some of the time	37	5.9
Most of the time	13	2.1
Always	6	1.0
Missing	1	.2
Walked or rode my bike to a food store:		
Never	259	41.5
Rarely	131	21.0
Some of the time	163	26.1
Most of the time	45	7.2
Always	23	3.7
Missing	3	.5
Drove my car to a food store:		
Never	48	7.7
Rarely	19	3.0
Some of the time	63	10.1
Most of the time	204	32.7
Always	288	46.2
Missing	2	.3
Limited the size of meals due to a lack of money:		
Never	191	30.6
Rarely	157	25.2
Some of the time	174	27.9
Most of the time	54	8.7
Always	40	6.4
Missing	8	1.3
Skipped a meal due to lack of money:		
Never	322	51.6
Rarely	140	22.4
Some of the time	110	17.6
Most of the time	24	3.8
Always	24	3.8
Missing	4	.6
Worried about having enough to eat for me or my family:		
Never	298	47.8
Rarely	128	20.5
Some of the time	117	18.8
Most of the time	46	7.4
Always	32	5.1
Missing	3	.5

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Went to a food pantry or soup kitchen to get/eat food:		
Never	480	76.9
Rarely	56	9.0
Some of the time	62	9.9
Most of the time	15	2.4
Always	8	1.3
Missing	3	.5
Shopped for the least expensive food available:		
Never	80	12.8
Rarely	117	18.8
Some of the time	196	31.4
Most of the time	133	21.3
Always	95	15.2
Missing	3	.5
Bought food that was labeled organic:		
Never	133	21.3
Rarely	170	27.2
Some of the time	235	37.7
Most of the time	68	10.9
Always	14	2.2
Missing	4	.6
Bought food that was grown or produced in Montana:		
Never	31	5.0
Rarely	85	13.6
Some of the time	412	66.0
Most of the time	63	10.1
Always	23	3.7
Missing	10	1.6
Usual transportation to and from grocery store:		
My car	535	85.7
Ride with someone else in their car	31	5.0
Public bus	11	1.8
Bicycle	22	3.5
Walking	20	3.2
Taxi	1	.2
Other	2	.3
Missing	2	.3

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**Table 5: Cost-of -Living Issues Most Affecting Ability to Eat Well (N=624)**

Cost-of-Living Issue	Frequency	Percentage
Personal income too low		
Yes	292	46.7
No	335	53.1
Missing	1	.2
High fuel/heating cost		
Yes	249	39.9
No	376	59.9
Missing	1	.2
High rent		
Yes	227	36.3
No	397	63.5
Missing	1	.2
Health/medical costs		
Yes	174	27.8
No	450	72.0
Missing	1	.2
High mortgage payment		
Yes	87	13.9
No	536	85.9
Missing	1	.2
Transportation		
Yes	71	11.3
No	553	88.5
Missing	1	.2
Other		
Yes	66	10.6
No	557	89.3
Missing	1	.2
Other child-related expenses		
Yes	53	8.5
No	570	91.3
Missing	1	.2
High childcare costs		
Yes	47	7.5
No	576	92.3
Missing	1	.2

**Table 6: Foods Consumers Would Like to See More of in Local Grocery Stores  
(N=624)**

Types of Food		Frequency	Percentage
Locally grown foods	Yes	342	54.8
	No	281	45.0
	Missing	1	.2
Fresh fruits and vegetables	Yes	307	49.2
	No	316	50.6
	Missing	1	.2
Healthy foods	Yes	266	42.6
	No	357	57.2
	Missing	1	.2
Organic foods	Yes	222	35.6
	No	401	64.3
	Missing	1	.2
Bulk foods	Yes	167	26.8
	No	456	73.1
	Missing	1	.2
Ethnic foods	Yes	159	25.5
	No	464	74.4
	Missing	1	.2
Instant foods	Yes	42	6.7
	No	581	93.1
	Missing	1	.2
Other	Yes	27	4.3
	No	596	95.5
	Missing	1	.2

**Table 7: Survey Items on Which Responses Differed Significantly by Income Level**

Survey Items	Low-Income Respondents	Middle-Income Respondents	High-Income Respondents	Significance Level
<b>FOOD-RELATED PROBLEMS OR CONCERNS</b>				
Transportation to and from food outlets	28.0 <sup>2</sup>	14.7	11.8	.000***
The price of food I like to eat	82.9	78.1	61.8	.000***
Having enough money to buy the food I need for myself/family	79.8	60.3	35.0	.000***
<b>FOOD-RELATED BEHAVIORS</b>				
Walked or rode my bike to a food store	17.4	2.7	2.9	.000***
Drove my car to a food store	70.4	88.7	93.2	.000***
Limited the size of meals due to lack of money	24.5	4.7	2.0	.000***
Skipped a meal due to lack of money	11.9	3.3	1.0	.000***
Worried about having enough to eat for me or my family	20.0	4.0	1.9	.000***
Shopped for the least expensive food available	48.6	28.5	12.7	.000***
<b>COST-OF-LIVING ISSUES</b>				
High rent	81.0	16.3	2.7	.000***
High mortgage payment	30.6	49.4	20.0	.000***
Personal income too low	78.9	17.5	3.5	.000***
High fuel/heating cost	59.9	29.8	10.3	.001**

<sup>2</sup> For ease of readability, table contains only the percentages for yes responses.

\*p<.05, \*\*p<.01, \*\*\*p<.001, using Bonferroni correction where number of significance tests = 35

### **Table 8: Focus Group Participants' Suggestions and Solutions**

- Better advertising for food banks
- More hours at food bank and more varied distribution
- More meat and vegetables at the food bank
- Subsidized discounts on food purchased with food stamps
- Make food stamp allotment bi-monthly
- Transportation program for grocery shopping
- Government agencies take on a more active role in ensuring residents do not go without food
- Make utilizing resources less embarrassing
- More local production
- Create a food co-op
- Address high cost of medical care in U.S. that compromises residents' ability to buy quality food
- Continue community education that raises awareness of food issues
- Create more demand for healthy, organic food
- Reform welfare reform
- Establish a living wage
- Put pressure on government programs to address food issues
- Cut taxes proportionally
- Offer cooking classes
- More food drives
- Make food more accessible
- More volunteerism