Model Information	
Data Set	MIS581.NO2
Response Variable	SupOppRedUtensils
Number of Response Levels	2
Model	binary logit
Optimization Technique	Fisher's scoring

Number of Observations Read	16616
Number of Observations Used	16610

Response Profile		
Ordered Value	SupOppRedUtensils	Total Frequency
1	Oppose	633
2	Support	15977

Probability modeled is SupOppRedUtensils='Support'.

Note: 6 observations were deleted due to missing values for the response or explanatory variables.

Class Level Information												
Class	Value	Design Variables										
Age	15-24 years	1	0	0	0	0	0	0	0	0	0	0
	25-34 years	0	1	0	0	0	0	0	0	0	0	0
	35-44 years	0	0	1	0	0	0	0	0	0	0	0
	45-54 years	0	0	0	1	0	0	0	0	0	0	0
	55-64 years	0	0	0	0	1	0	0	0	0	0	0
	65-74 years	0	0	0	0	0	1	0	0	0	0	0
	75-84 years	0	0	0	0	0	0	1	0	0	0	0
	85-94 years	0	0	0	0	0	0	0	1	0	0	0
	95 years an	0	0	0	0	0	0	0	0	1	0	0
	No Response	0	0	0	0	0	0	0	0	0	1	0
	Under 15 ye	0	0	0	0	0	0	0	0	0	0	1
Gender	Female	1	0	0	0	0	0	0				
	Male	0	1	0	0	0	0	0				
	No Res	0	0	1	0	0	0	0				
	Non-bi	0	0	0	1	0	0	0				
	Other	0	0	0	0	1	0	0				
	Trans	0	0	0	0	0	1	0				
	Two-sp	0	0	0	0	0	0	1				
Income	$100,000-$149,999	1	0	0	0	0	0	0	0	0		
	$20,000-$39,999	0	1	0	0	0	0	0	0	0		
	$40,000-$59,999	0	0	1	0	0	0	0	0	0		
	$5,000-$19,999	0	0	0	1	0	0	0	0	0		
	$60,000-$79,999	0	0	0	0	1	0	0	0	0		
	$80,000-$99,999	0	0	0	0	0	1	0	0	0		
	150,000 and over	0	0	0	0	0	0	1	0	0		
	Prefer not to answer	0	0	0	0	0	0	0	1	0		
	Under $5,000	0	0	0	0	0	0	0	0	1		

Model Convergence Status

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	5379.953	5170.846
SC	5387.671	5363.790
-2 Log L	5377.953	5120.846

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	257.1072	24	<.0001
Score	332.8255	24	<.0001
Wald	276.0400	24	<.0001

Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
Age	10	27.5121	0.0022
Gender	6	218.1774	<.0001
Income	8	16.6988	0.0334

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	1.8912	1.1628	2.6453	0.1039
Age	15-24 years	1	0.3540	0.4337	0.6661	0.4144
Age	25-34 years	1	0.2724	0.4181	0.4245	0.5147
Age	35-44 years	1	0.2244	0.4188	0.2871	0.5921
Age	45-54 years	1	-0.0502	0.4214	0.0142	0.9051
Age	55-64 years	1	-0.2759	0.4220	0.4276	0.5132
Age	65-74 years	1	0.1950	0.4394	0.1969	0.6572
Age	75-84 years	1	0.8502	0.5814	2.1388	0.1436
Age	85-94 years	1	0.4903	1.0969	0.1998	0.6549
Age	95 years an	1	0.1246	1.2026	0.0107	0.9175
Age	No Response	1	-0.3722	0.5735	0.4212	0.5163
Age	Under 15 ye	0	0	.	.	.
Gender	Female	1	1.3302	1.0555	1.5880	0.2076
Gender	Male	1	0.3345	1.0556	0.1004	0.7513
Gender	No Res	1	0.8908	1.1286	0.6230	0.4299
Gender	Non-bi	1	0.1312	1.1097	0.0140	0.9059
Gender	Other	1	-0.9306	1.0725	0.7529	0.3856
Gender	Trans	1	-0.7775	1.1629	0.4470	0.5038
Gender	Two-sp	0	0	.	.	.
Income	$100,000-$149,999	1	0.3292	0.3350	0.9658	0.3257
Income	$20,000-$39,999	1	0.6365	0.3683	2.9868	0.0839
Income	$40,000-$59,999	1	0.1984	0.3447	0.3314	0.5649
Income	$5,000-$19,999	1	-0.0973	0.3722	0.0684	0.7937
Income	$60,000-$79,999	1	0.3853	0.3471	1.2323	0.2670
Income	$80,000-$99,999	1	0.4835	0.3510	1.8981	0.1683
Income	150,000 and over	1	0.5148	0.3390	2.3055	0.1289

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Income	Prefer not to answer	1	0.1406	0.3371	0.1740	0.6766
Income	Under $5,000	0	0	.	.	.

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
Age 15-24 years vs Under 15 ye	1.425	0.609	3.334
Age 25-34 years vs Under 15 ye	1.313	0.579	2.980
Age 35-44 years vs Under 15 ye	1.252	0.551	2.844
Age 45-54 years vs Under 15 ye	0.951	0.416	2.172
Age 55-64 years vs Under 15 ye	0.759	0.332	1.735
Age 65-74 years vs Under 15 ye	1.215	0.514	2.876
Age 75-84 years vs Under 15 ye	2.340	0.749	7.314
Age 85-94 years vs Under 15 ye	1.633	0.190	14.015
Age 95 years an vs Under 15 ye	1.133	0.107	11.961
Age No Response vs Under 15 ye	0.689	0.224	2.121
Gender Female vs Two-sp	3.782	0.478	29.933
Gender Male vs Two-sp	1.397	0.177	11.060
Gender No Res vs Two-sp	2.437	0.267	22.259
Gender Non-bi vs Two-sp	1.140	0.130	10.036
Gender Other vs Two-sp	0.394	0.048	3.227
Gender Trans vs Two-sp	0.460	0.047	4.490
Income $100,000-$149,999 vs Under $5,000	1.390	0.721	2.680
Income $20,000-$39,999 vs Under $5,000	1.890	0.918	3.890
Income $40,000-$59,999 vs Under $5,000	1.219	0.621	2.397
Income $5,000-$19,999 vs Under $5,000	0.907	0.437	1.882
Income $60,000-$79,999 vs Under $5,000	1.470	0.745	2.903
Income $80,000-$99,999 vs Under $5,000	1.622	0.815	3.227
Income 150,000 and over vs Under $5,000	1.673	0.861	3.252
Income Prefer not to answer vs Under $5,000	1.151	0.594	2.229

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	66.9	Somers' D	0.352
Percent Discordant	31.7	Gamma	0.357
Percent Tied	1.4	Tau-a	0.026
Pairs	10113441	c	0.676