Model Information	
Data Set	MIS581.NO2
Response Variable	SupOppRedStraws
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	SupOppRedStraws	Total Frequency
1	Oppose	773
2	Support	15837

Probability modeled is SupOppRedStraws='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	6253.780	6002.389
SC	6261.498	6195.333
-2 Log L	6251.780	5952.389

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	299.3912	24	<.0001
Score	406.2759	24	<.0001
Wald	329.9413	24	<.0001

Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
Age	10	25.1129	0.0051
Gender	6	252.5952	<.0001
Income	8	33.8461	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	0.4585	0.8169	0.3150	0.5746
Age	15-24 years	1	0.4925	0.4112	1.4349	0.2310
Age	25-34 years	1	0.0289	0.3922	0.0054	0.9413
Age	35-44 years	1	-0.0562	0.3926	0.0205	0.8862
Age	45-54 years	1	-0.1686	0.3961	0.1811	0.6704
Age	55-64 years	1	-0.2835	0.3978	0.5079	0.4761
Age	65-74 years	1	0.1214	0.4135	0.0861	0.7692
Age	75-84 years	1	0.7448	0.5429	1.8822	0.1701
Age	85-94 years	1	0.5549	1.0872	0.2605	0.6098
Age	95 years an	1	0.3475	1.1977	0.0842	0.7717
Age	No Response	1	-0.1167	0.5224	0.0499	0.8232
Age	Under 15 ye	0	0	.	.	.
Gender	Female	1	2.3710	0.6852	11.9746	0.0005
Gender	Male	1	1.5233	0.6855	4.9375	0.0263
Gender	No Res	1	1.7029	0.7656	4.9476	0.0261
Gender	Non-bi	1	0.5079	0.7244	0.4915	0.4833
Gender	Other	1	0.1282	0.7077	0.0328	0.8563
Gender	Trans	1	0.6244	0.8413	0.5508	0.4580
Gender	Two-sp	0	0	.	.	.
Income	$100,000-$149,999	1	0.6540	0.2866	5.2056	0.0225
Income	$20,000-$39,999	1	0.6433	0.3086	4.3453	0.0371
Income	$40,000-$59,999	1	0.8111	0.3030	7.1655	0.0074
Income	$5,000-$19,999	1	0.1700	0.3249	0.2738	0.6008
Income	$60,000-$79,999	1	0.6218	0.2970	4.3825	0.0363
Income	$80,000-$99,999	1	0.6652	0.2992	4.9431	0.0262
Income	150,000 and over	1	0.9030	0.2916	9.5870	0.0020

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Income	Prefer not to answer	1	0.2747	0.2876	0.9125	0.3395
Income	Under $5,000	0	0	.	.	.

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
Age 15-24 years vs Under 15 ye	1.636	0.731	3.664
Age 25-34 years vs Under 15 ye	1.029	0.477	2.220
Age 35-44 years vs Under 15 ye	0.945	0.438	2.041
Age 45-54 years vs Under 15 ye	0.845	0.389	1.836
Age 55-64 years vs Under 15 ye	0.753	0.345	1.642
Age 65-74 years vs Under 15 ye	1.129	0.502	2.539
Age 75-84 years vs Under 15 ye	2.106	0.727	6.103
Age 85-94 years vs Under 15 ye	1.742	0.207	14.669
Age 95 years an vs Under 15 ye	1.415	0.135	14.805
Age No Response vs Under 15 ye	0.890	0.320	2.477
Gender Female vs Two-sp	10.708	2.796	41.013
Gender Male vs Two-sp	4.587	1.197	17.583
Gender No Res vs Two-sp	5.490	1.224	24.617
Gender Non-bi vs Two-sp	1.662	0.402	6.874
Gender Other vs Two-sp	1.137	0.284	4.550
Gender Trans vs Two-sp	1.867	0.359	9.712
Income $100,000-$149,999 vs Under $5,000	1.923	1.097	3.373
Income $20,000-$39,999 vs Under $5,000	1.903	1.039	3.484
Income $40,000-$59,999 vs Under $5,000	2.250	1.243	4.075
Income $5,000-$19,999 vs Under $5,000	1.185	0.627	2.241
Income $60,000-$79,999 vs Under $5,000	1.862	1.040	3.334
Income $80,000-$99,999 vs Under $5,000	1.945	1.082	3.496
Income 150,000 and over vs Under $5,000	2.467	1.393	4.369
Income Prefer not to answer vs Under $5,000	1.316	0.749	2.312

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	66.0	Somers' D	0.334
Percent Discordant	32.6	Gamma	0.339
Percent Tied	1.5	Tau-a	0.030
Pairs	12242001	c	0.667