Model Information	
Data Set	WORK.RISK
Response Variable	Heart_Attack
Number of Response Levels	2
Model	binary logit
Optimization Technique	Fisher's scoring

Number of Observations Read	500
Number of Observations Used	500

Response Profile		
Ordered Value	**Heart_Attack**	**Total Frequency**
1	0	442
2	1	58

Probability modeled is Heart_Attack='1'.

Class Level Information			
Class	**Value**	**Design Variables**	
Age_Group	**1:Less 60**	0	0
	2:61 to 70	1	0
	3:Over 70	0	1
Chol_High	**0**	0	
	1	1	

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

Model Fit Statistics		
Criterion	**Intercept Only**	**Intercept and Covariates**
AIC	360.879	332.083
SC	365.093	348.941
-2 Log L	358.879	324.083

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	34.7959	3	<.0001
Score	30.9045	3	<.0001
Wald	26.8446	3	<.0001

Type 3 Analysis of Effects			
Effect	**DF**	**Wald Chi-Square**	**Pr > ChiSq**
Age_Group	2	13.1917	0.0014
Chol_High	1	14.8668	0.0001

Analysis of Maximum Likelihood Estimates						
Parameter		**DF**	**Estimate**	**Standard Error**	**Wald Chi-Square**	**Pr > ChiSq**
Intercept		1	-4.1204	0.5189	63.0444	<.0001
Age_Group	**2:61 to 70**	1	1.3611	0.5109	7.0985	0.0077
Age_Group	**3:Over 70**	1	1.8082	0.5021	12.9684	0.0003
Chol_High	**1**	1	1.2588	0.3265	14.8668	0.0001

Odds Ratio Estimates			
Effect	**Point Estimate**	**95% Wald Confidence Limits**	
Age_Group 2:61 to 70 vs 1:Less 60	3.900	1.433	10.616
Age_Group 3:Over 70 vs 1:Less 60	6.100	2.280	16.320
Chol_High 1 vs 0	3.521	1.857	6.677

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	63.4	**Somers' D**	0.434
Percent Discordant	20.0	**Gamma**	0.521
Percent Tied	16.6	**Tau-a**	0.089
Pairs	25636	**c**	0.717