Model Information		
Data Set	SASHELP.HEART	Framingham Heart Study
Response Variable	Status	
Number of Response Levels	2	
Model	binary logit	
Optimization Technique	Fisher's scoring	

Number of Observations Read	5209
Number of Observations Used	5057

Response Profile		
Ordered Value	Status	Total Frequency
1	Alive	3135
2	Dead	1922

Probability modeled is Status='Dead'.

Note: 152 observations were deleted due to missing values for the response or explanatory variables.

Class Level Information			
Class	Value	Design Variables	
Chol_Status	**Borderline**	1	0
	Desirable	0	0
	High	0	1
BP_Status	**High**	1	0
	Normal	0	0
	Optimal	0	1

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	6718.677	6348.736
SC	6725.206	6381.379
-2 Log L	6716.677	6338.736

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	377.9410	4	<.0001
Score	369.8027	4	<.0001
Wald	351.6121	4	<.0001

Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
Chol_Status	2	60.5745	<.0001
BP_Status	2	256.2531	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	-1.1236	0.0701	256.6877	<.0001
Chol_Status	Borderline	1	0.2274	0.0783	8.4361	0.0037
Chol_Status	High	1	0.5867	0.0781	56.3623	<.0001
BP_Status	High	1	0.8417	0.0646	169.4979	<.0001
BP_Status	Optimal	1	-0.4211	0.1008	17.4478	<.0001

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
Chol_Status Borderline vs Desirable	1.255	1.077	1.464
Chol_Status High vs Desirable	1.798	1.543	2.096
BP_Status High vs Normal	2.320	2.044	2.634
BP_Status Optimal vs Normal	0.656	0.539	0.800

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	59.5	Somers' D	0.318
Percent Discordant	27.7	Gamma	0.364
Percent Tied	12.8	Tau-a	0.150
Pairs	6025470	c	0.659