The LOGISTIC Procedure

Model Information		
Data Set	WORK.FRMGHAM2	
Response Variable	DEATH	Death indicator
Number of Response Levels	2	
Model	binary logit	
Optimization Technique	Fisher's scoring	

Number of Observations Read	11627
Number of Observations Used	11627

Response Profile		
Ordered Value	**DEATH**	**Total Frequency**
1	Alive	8100
2	Died	3527

Probability modeled is DEATH='Died'.

Class Level Information		
Class	**Value**	**Design Variables**
CURSMOKE	**Current smoker**	1
	Not current smoker	0

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

Model Fit Statistics		
Criterion	**Intercept Only**	**Intercept and Covariates**
AIC	14272.340	14265.885
SC	14279.701	14280.607
-2 Log L	14270.340	14261.885

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	8.4549	1	0.0036
Score	8.4708	1	0.0036
Wald	8.4671	1	0.0036

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Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
CURSMOKE	1	8.4671	0.0036

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	-0.8832	0.0271	1065.1345	<.0001
CURSMOKE	Current smoker	1	0.1182	0.0406	8.4671	0.0036

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
CURSMOKE Current smoker vs Not current smoker	1.125	1.039	1.219

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	26.1	Somers' D	0.029
Percent Discordant	23.2	Gamma	0.059
Percent Tied	50.7	Tau-a	0.012
Pairs	28568700	c	0.515