#### The REG Procedure Model: MODEL1 Dependent Variable: VALP property\_value

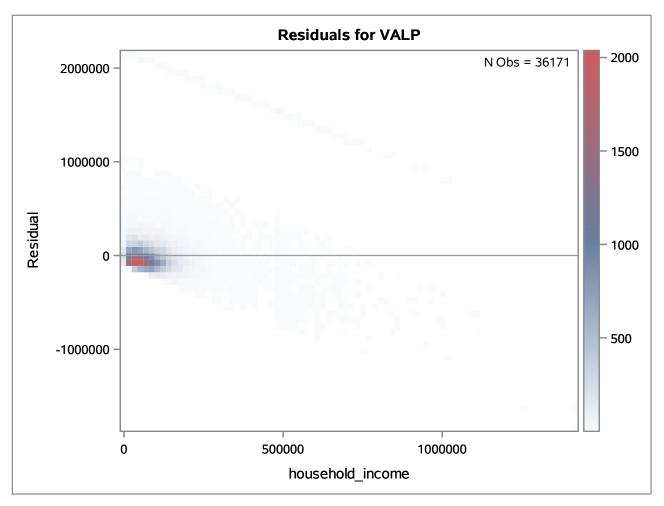
Number of Observations Read		
Number of Observations Used	36171	
Number of Observations with Missing Values	22035	

Analysis of Variance						
Source DF Sum of Square F Value Pr						
Model	1	5.641755E14	5.641755E14	11593.6	<.0001	
Error	36169	1.760082E15	48662712546			
Corrected Total	36170	2.324257E15				

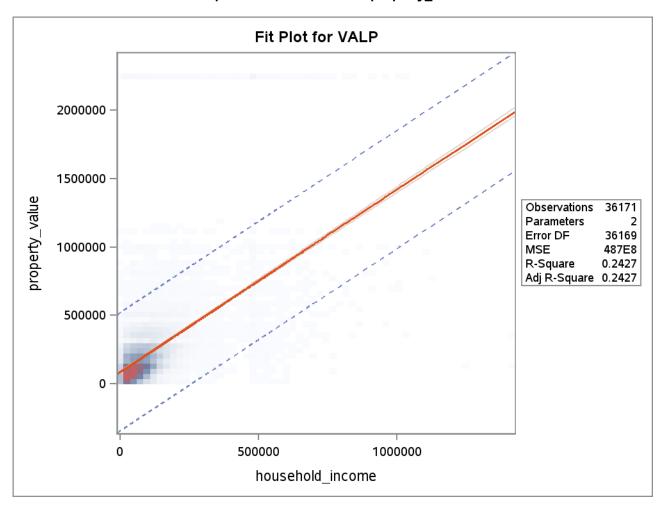
Root MSE	220596	R-Square	0.2427
Dependent Mean	208437	Adj R-Sq	0.2427
Coeff Var	105.83363		

Parameter Estimates							
Variable Label DF Estimate Error t Value Pr >  t							
Intercept	Intercept	1	86549	1620.74042	53.40	<.0001	
HINCP	household_income	1	1.33510	0.01240	107.67	<.0001	

The REG Procedure Model: MODEL1 **Dependent Variable: VALP property\_value** 



The REG Procedure Model: MODEL1 Dependent Variable: VALP property\_value



## The SURVEYSELECT Procedure

Selection Method	Simple Random Sampling
------------------	------------------------

Input Data Set	PSAM_H17_SUBSET1
Random Number Seed	85072769
Sample Size	301
Selection Probability	0.005171
Sampling Weight	193.37542
Output Data Set	GLM

# Wednesday, September 28, 2016 08:51:21 PM **5 One-Way ANOVA with Moved, Lot size and Access to the Internet as Predictor**

Class Level Information						
Class	Class Levels Values					
MV	7	10~19 years 12 months or less 13~23 months 20~29 years 2~4 years 30 years or more run 5~9 years				
ACR	3	less than one acre less than ten acres ten or more acres run				
ACCESS	3	Internet access with subscription Internet access without subscription No Internet access run				

Number of Observations Read	301
Number of Observations Used	161

#### The GLM Procedure

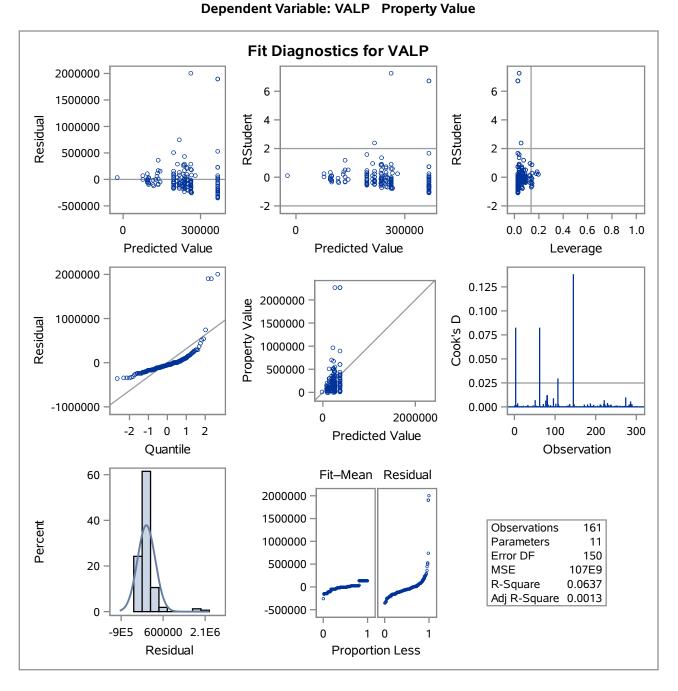
## **Dependent Variable: VALP Property Value**

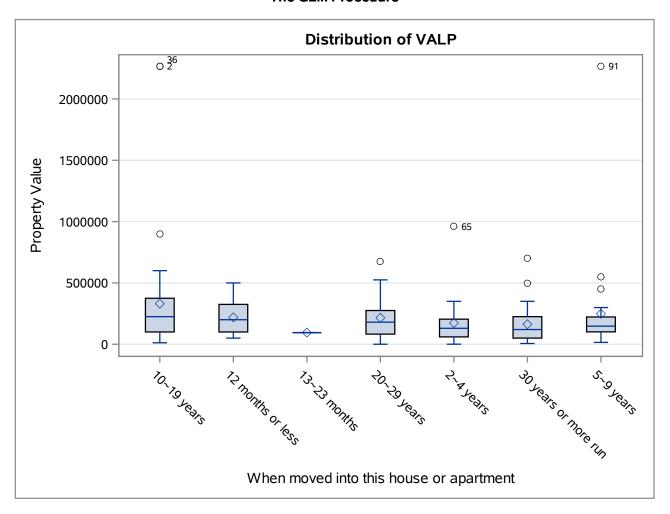
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	10	1.0881334E12	108813340149	1.02	0.4291
Error	150	1.5998031E13	106653541221		
Corrected Total	160	1.7086165E13			

R-Square	Coeff Var	Root MSE	VALP Mean
0.063685	137.0374	326578.5	238313.4

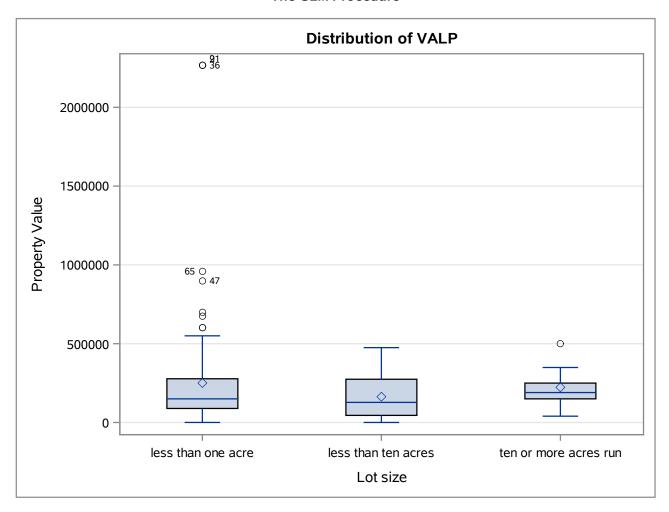
Source	DF	Type I SS	Mean Square	F Value	Pr > F
MV	6	693991840196	115665306699	1.08	0.3743
ACR	2	191936942457	95968471229	0.90	0.4088
ACCESS	2	202204618835	101102309418	0.95	0.3898

Source	DF	Type III SS	Mean Square	F Value	Pr > F
MV	6	709193646135	118198941022	1.11	0.3602
ACR	2	232856582158	116428291079	1.09	0.3383
ACCESS	2	202204618835	101102309418	0.95	0.3898

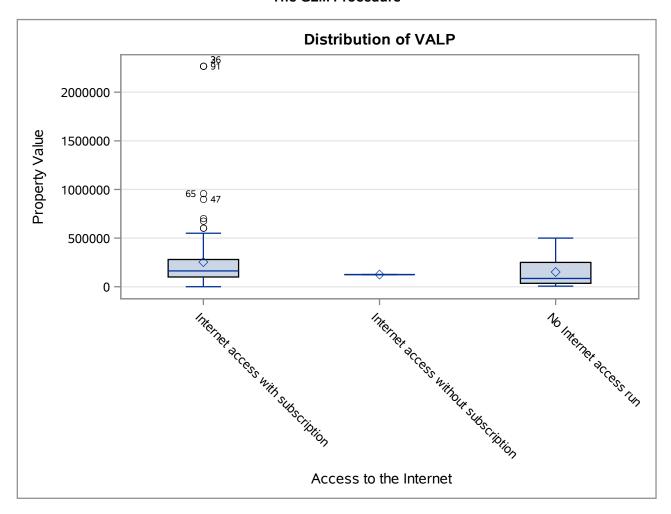




		VALP		
Level of MV	N	Mean	Std Dev	
10~19 years	46	330771.739	456953.653	
12 months or less	7	219285.714	156056.309	
13~23 months	1	95000.000		
20~29 years	28	215731.429	170921.115	
2~4 years	20	173123.500	206164.893	
30 years or more run	31	163096.774	149216.700	
5~9 years	28	248714.286	412105.242	



		VALP		
Level of ACR	N	Mean	Std Dev	
less than one acre	132	250672.727	353814.606	
less than ten acres	20	163532.500	145449.337	
ten or more acres run	9	223222.222	137362.456	



		VALP		
Level of ACCESS	N	Mean	Std Dev	
Internet access with subscription	138	253075.725	345916.134	
Internet access without subscription	1	125000.000		
No Internet access run	22	150863.636	151479.150	

#### The LOGISTIC Procedure

Model Information						
Data Set						
Response Variable	value	HINCP(Household Income)>\$100,000				
Number of Response Levels 2						
Model	binary logit					
Optimization Technique	Fisher's scoring					

Number of Observations Read	58206
Number of Observations Used	37388

Response Profile					
Ordered Value					
1	0	26695			
2	1	10693			

#### Probability modeled is value=1.

Note: 20818 observations were deleted due to missing values for the response or explanatory variables.

	Class Level Information						
Class	Value	Design Variables					
MV	10~19 years	1 0 0 0 0					0
	12 months or less	0	1	0	0	0	0
	13~23 months	0	0	1	0	0	0
	20~29 years	0	0	0	1	0	0
	2~4 years	0	0	0	0	1	0
	30 years or more run	0	0	0	0	0	1
	5~9 years	-1	-1	-1	-1	-1	-1
ACR	less than one acre	1	0				
	less than ten acres	0	1				
	ten or more acres run	-1	-1				
ACCESS	Internet access with subscription	1	0				
	Internet access without subscription	0	1				
	No Internet access run	-1	-1				

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

Model Fit Statistics							
Intercept and Criterion Only Covariates							
AIC	44757.827	41501.898					
sc	44766.356	41595.718					
-2 Log L	44755.827	41479.898					

Testing Global Null Hypothesis: BETA=0						
Test Chi-Square DF Pr > ChiSq						
Likelihood Ratio	3275.9285	10	<.0001			
Score	2686.1889	10	<.0001			
Wald	2148.5775	10	<.0001			

Type 3 Analysis of Effects						
Effect	Pr > ChiSq					
MV	6	512.5108	<.0001			
ACR	2	19.9300	<.0001			
ACCESS	2	1489.0346	<.0001			

	Analysis of Maximum Likelihood Estimates							
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq		
Intercept		1	-1.6226	0.0394	1691.9353	<.0001		
MV	10~19 years	1	0.3224	0.0236	186.4318	<.0001		
MV	12 months or less	1	-0.2724	0.0443	37.8321	<.0001		
MV	13~23 months	1	-0.0612	0.0548	1.2435	0.2648		
MV	20~29 years	1	0.2390	0.0291	67.5310	<.0001		
MV	2~4 years	1	-0.0517	0.0332	2.4304	0.1190		
MV	30 years or more run	1	-0.4566	0.0329	192.2527	<.0001		
ACR	less than one acre	1	-0.0581	0.0264	4.8330	0.0279		
ACR	less than ten acres	1	0.0965	0.0313	9.4842	0.0021		
ACCESS	Internet access with subscription	1	0.8974	0.0323	770.8215	<.0001		
ACCESS	Internet access without subscription	1	0.1665	0.0555	9.0133	0.0027		

Association of Predicted Probabilities and Observed Responses						
Percent Concordant	61.5	Somers' D	0.322			
Percent Discordant	29.3	Gamma	0.354			
Percent Tied	9.1	Tau-a	0.132			
Pairs	285449635	С	0.661			

Odds Ratio Estimates and Profile-Likelihood Confidence Intervals							
Effect Un		Unit	Estimate	95% Confidence Limits			
MV 10~19 yea	ars vs 5~9 years	1.0000	1.043	0.976	1.114		
MV 12 month	s or less vs 5~9 years	1.0000	0.575	0.516	0.641		
MV 13~23 mc	nths vs 5~9 years	1.0000	0.711	0.622	0.811		
MV 20~29 yea	ars vs 5~9 years	1.0000	0.959	0.888	1.036		
MV 2~4 years	s vs 5~9 years	1.0000	0.717	0.659	0.781		
MV 30 years	or more run vs 5~9 years	1.0000	0.479	0.439	0.521		
ACR less than one acre vs ten or more acres run		1.0000	0.981	0.858	1.123		
ACR less than ten acres vs ten or more acres run		1.0000	1.144	0.989	1.326		
ACCESS Internet access with subscription vs No Internet access run		1.0000	7.109	6.430	7.881		
ACCESS Internet access without subscription vs No Internet access run		1.0000	3.423	2.845	4.108		

