

**CHIS\_81\_Exacerbations**  
**CHIS CHIS\_DATA\_BINOMIAL\_ED2**  
**PROC REG - April 28, 2019**

**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: asthmaesc ED/UC Asthma Visit**

<b>Number of Observations Read</b>	13590
<b>Number of Observations Used</b>	13590

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
<b>Model</b>	5	15.52380	3.10476	42.55	<.0001
<b>Error</b>	13584	991.24773	0.07297		
<b>Corrected Total</b>	13589	1006.77152			

<b>Root MSE</b>	0.27013	<b>R-Square</b>	0.0154
<b>Dependent Mean</b>	1.91943	<b>Adj R-Sq</b>	0.0151
<b>Coeff Var</b>	14.07362		

Parameter Estimates								
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr >  t	Tolerance	Variance Inflation
<b>Intercept</b>	Intercept	1	1.84437	0.01845	99.96	<.0001	.	0
<b>SRSEX</b>	SELF-REPORTED GENDER	1	-0.02076	0.00504	-4.12	<.0001	0.99433	1.00571
<b>CITIZEN2</b>	CITIZENSHIP STATUS (3 LVLS)	1	-0.00659	0.00506	-1.30	0.1926	0.82842	1.20712
<b>race</b>	race	1	0.00363	0.00120	3.01	0.0026	0.83256	1.20112
<b>pfpl</b>	percentage of FPL	1	0.01858	0.00153	12.17	<.0001	0.95565	1.04641
<b>INS</b>	CURRENTLY INSURED	1	0.01971	0.00946	2.08	0.0373	0.97855	1.02192

Collinearity Diagnostics								
Number	Eigenvalue	Condition Index	Proportion of Variation					
			Intercept	SRSEX	CITIZEN2	race	pfpl	INS
<b>1</b>	5.52111	1.00000	0.00051135	0.00212	0.00354	0.00368	0.00333	0.00157
<b>2</b>	0.22245	4.98193	0.00005050	0.00032429	0.28467	0.24269	0.02957	0.00310
<b>3</b>	0.10616	7.21162	0.00014112	0.02463	0.01369	0.25922	0.77219	0.00204
<b>4</b>	0.07831	8.39660	0.00155	0.47504	0.37564	0.29777	0.01681	0.01513
<b>5</b>	0.05929	9.65024	0.00315	0.23387	0.15179	0.02853	0.03219	0.57840
<b>6</b>	0.01268	20.86463	0.99459	0.26401	0.17067	0.16811	0.14591	0.39977