The FREQ Procedure

HTN_Binary	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	8926	80.05	8926	80.05
1	2224	19.95	11150	100.00

Diabetes_Binary	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	9867	88.49	9867	88.49
1	1283	11.51	11150	100.00

BP_Category	Frequency	Percent	Cumulative Frequency	Cumulative Percent
BP0	5499	49.32	5499	49.32
BP1	3427	30.74	8926	80.05
BP2	2177	19.52	11103	99.58
BP3	47	0.42	11150	100.00

The SURVEYMEANS Procedure

Data Summary	
Number of Strata	30
Number of Clusters	60
Number of Observations	11150
Sum of Weights	235216180

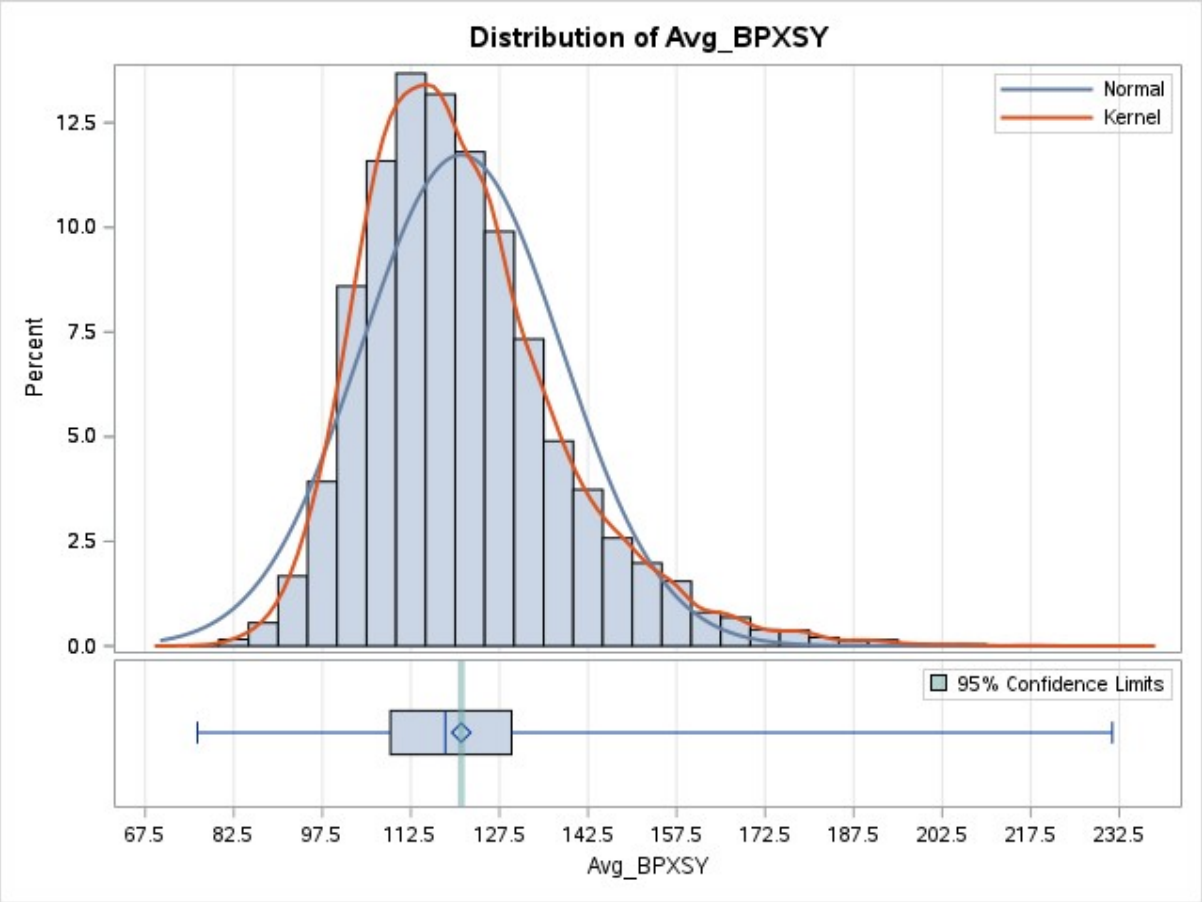
Statistics

Variable	Label	Minimum	Maximum	Mean	Std Error of Mean	Std Error of Sum
Avg_BPXSY		76.333333	231.333333	121.035528	0.288124	851278343
Avg_BPXDI		0	135.000000	70.848629	0.285924	521478179
LBXGH	Glycohemoglobin (%)	3.800000	17.000000	5.627907	0.017644	38573148

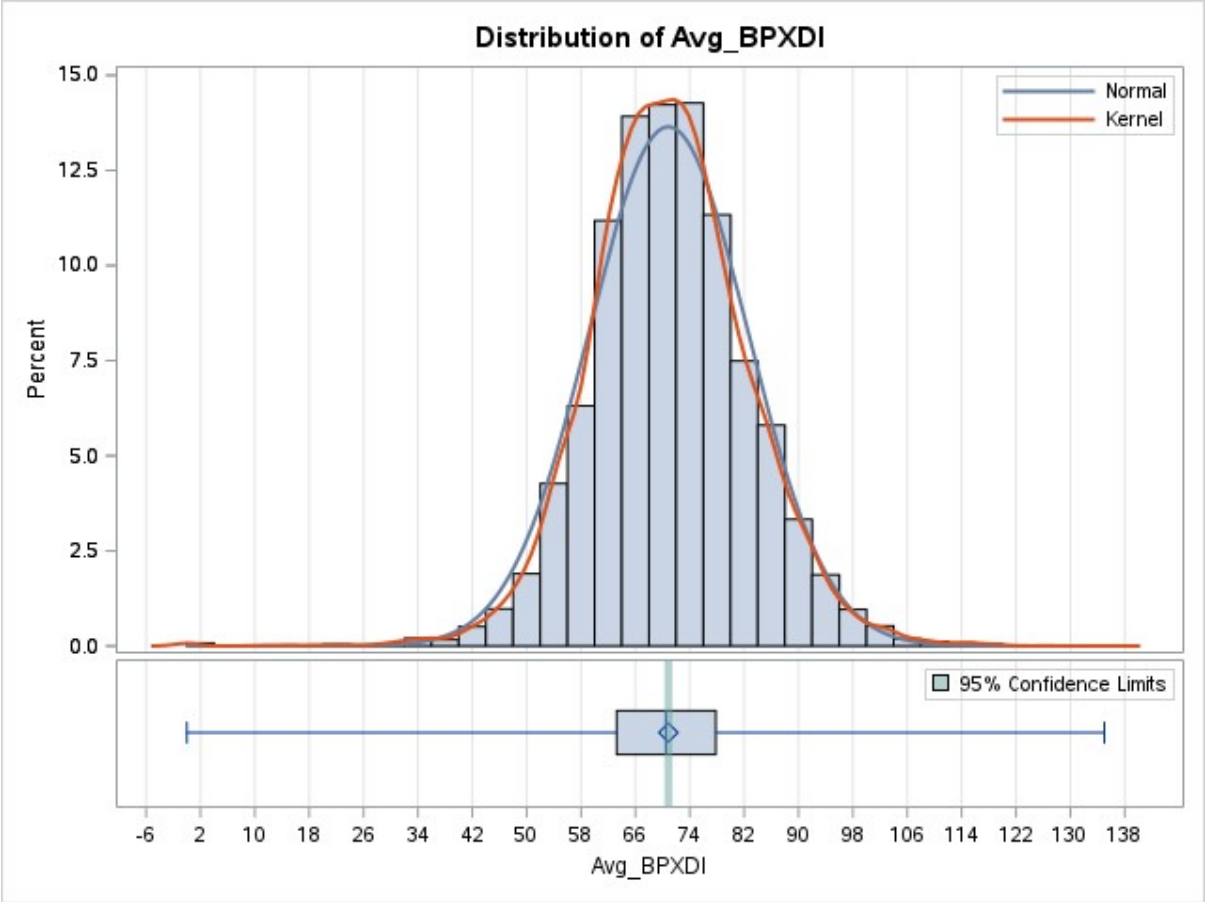
Quantiles

Variable	Label	Percentile		Estimate	Std Error	95% Confidence Limits	
Avg_BPXSY		0	Min	76.333333	.	.	.
		50	Median	118.335301	0.334378	117.652411	119.018192
		100	Max	231.333333	.	.	.
Avg_BPXDI		0	Min	0	.	.	.
		50	Median	70.482738	0.375384	69.716102	71.249375
		100	Max	135.000000	.	.	.
LBXGH	Glycohemoglobin (%)	0	Min	3.800000	.	.	.
		50	Median	5.394739	0.009672	5.374987	5.414492
		100	Max	17.000000	.	.	.

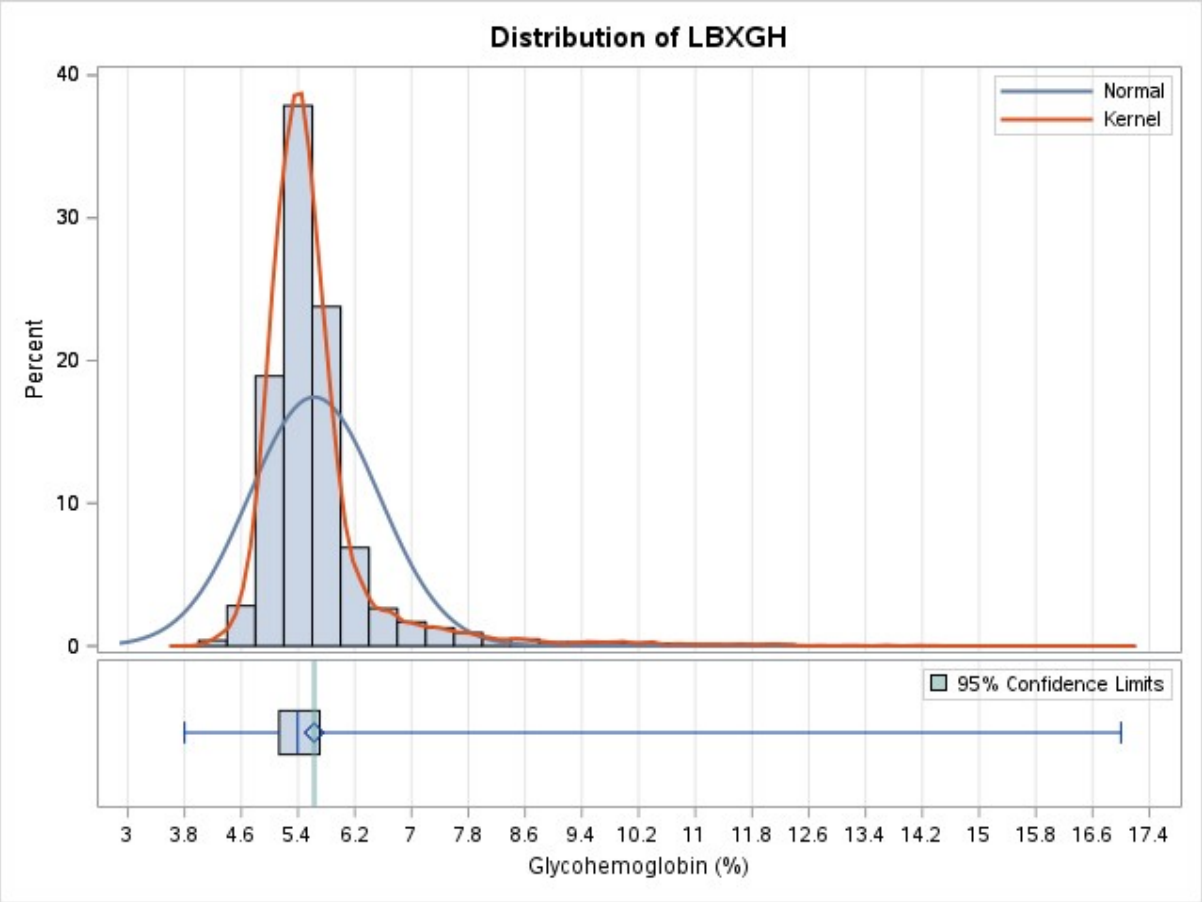
The SURVEYMEANS Procedure



The SURVEYMEANS Procedure



The SURVEYMEANS Procedure



The SURVEYLOGISTIC Procedure

Model Information		
Data Set	WORK.NHANES_COMBINED	
Response Variable	Diabetes_Binary	
Number of Response Levels	2	
Stratum Variable	SDMVSTRA	Masked variance pseudo-stratum
Number of Strata	30	
Cluster Variable	SDMVPSU	Masked variance pseudo-PSU
Number of Clusters	60	
Weight Variable	MEC4YR	
Model	Binary Logit	
Optimization Technique	Fisher's Scoring	
Variance Adjustment	Degrees of Freedom (DF)	

Variance Estimation	
Method	Taylor Series
Variance Adjustment	Degrees of Freedom (DF)

Number of Observations Read	11150
Number of Observations Used	11150
Sum of Weights Read	2.3522E8
Sum of Weights Used	2.3522E8

Response Profile

Ordered Value	Diabetes_Binary	Total Frequency	Total Weight
1	0	9867	215130317
2	1	1283	20085863

Probability modeled is Diabetes_Binary=1.

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

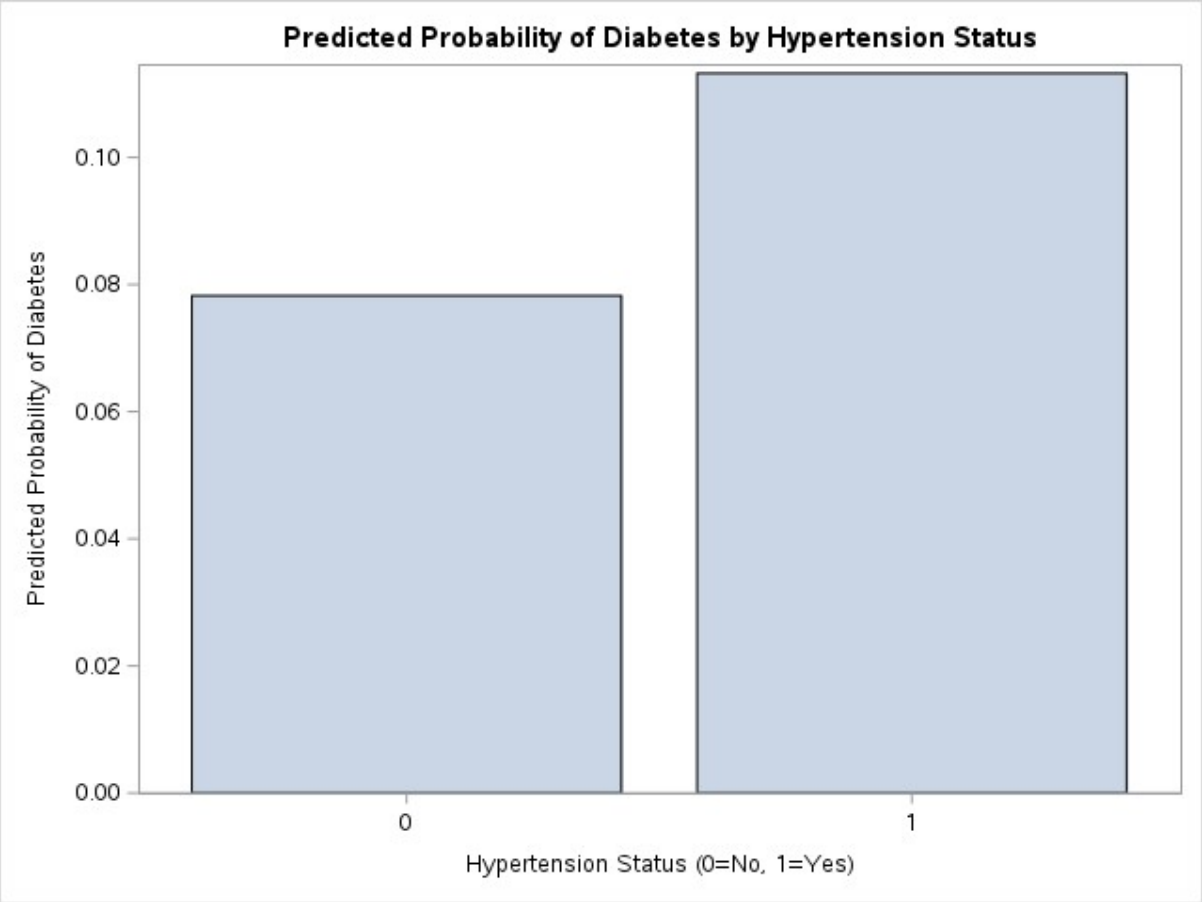
Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	137247591	136684922
SC	137247609	136684957
-2 Log L	137247589	136684918

Testing Global Null Hypothesis: BETA=0				
Test	F Value	Num DF	Den DF	Pr > F
Likelihood Ratio	25.75	1	30	<.0001
Score	12.78	1	30	0.0012
Wald	14.26	1	30	0.0007
NOTE: First-order Rao-Scott design correction 1.0359 applied to the likelihood ratio test.				

Analysis of Maximum Likelihood Estimates				
Parameter	Estimate	Standard Error	t Value	Pr > |t|
Intercept	-2.4666	0.0698	-35.34	<.0001
HTN_Binary	0.4083	0.1081	3.78	0.0007
NOTE: The degrees of freedom for the t tests is 30.				

Odds Ratio Estimates			
Effect	Point Estimate	95% Confidence Limits	
HTN_Binary	1.504	1.206	1.876
NOTE: The degrees of freedom in computing the confidence limits is 30.			

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	20.1	Somers' D	0.056
Percent Discordant	14.5	Gamma	0.161
Percent Tied	65.4	Tau-a	0.011
Pairs	12659361	c	0.528



Predicted Probability of Diabetes by Hypertension Status

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	WORK.NHANES_COMBINED	
Response Variable	HTN_Binary	
Number of Response Levels	2	
Stratum Variable	SDMVSTRA	Masked variance pseudo-stratum
Number of Strata	30	
Cluster Variable	SDMVPSU	Masked variance pseudo-PSU
Number of Clusters	60	
Weight Variable	MEC4YR	
Model	Binary Logit	
Optimization Technique	Fisher's Scoring	
Variance Adjustment	Degrees of Freedom (DF)	

Variance Estimation	
Method	Taylor Series
Variance Adjustment	Degrees of Freedom (DF)

Number of Observations Read	11150
Number of Observations Used	11150
Sum of Weights Read	2.3522E8
Sum of Weights Used	2.3522E8

Response Profile

Ordered Value	HTN_Binary	Total Frequency	Total Weight
1	0	8926	187087737
2	1	2224	48128443

Probability modeled is HTN_Binary=1.

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

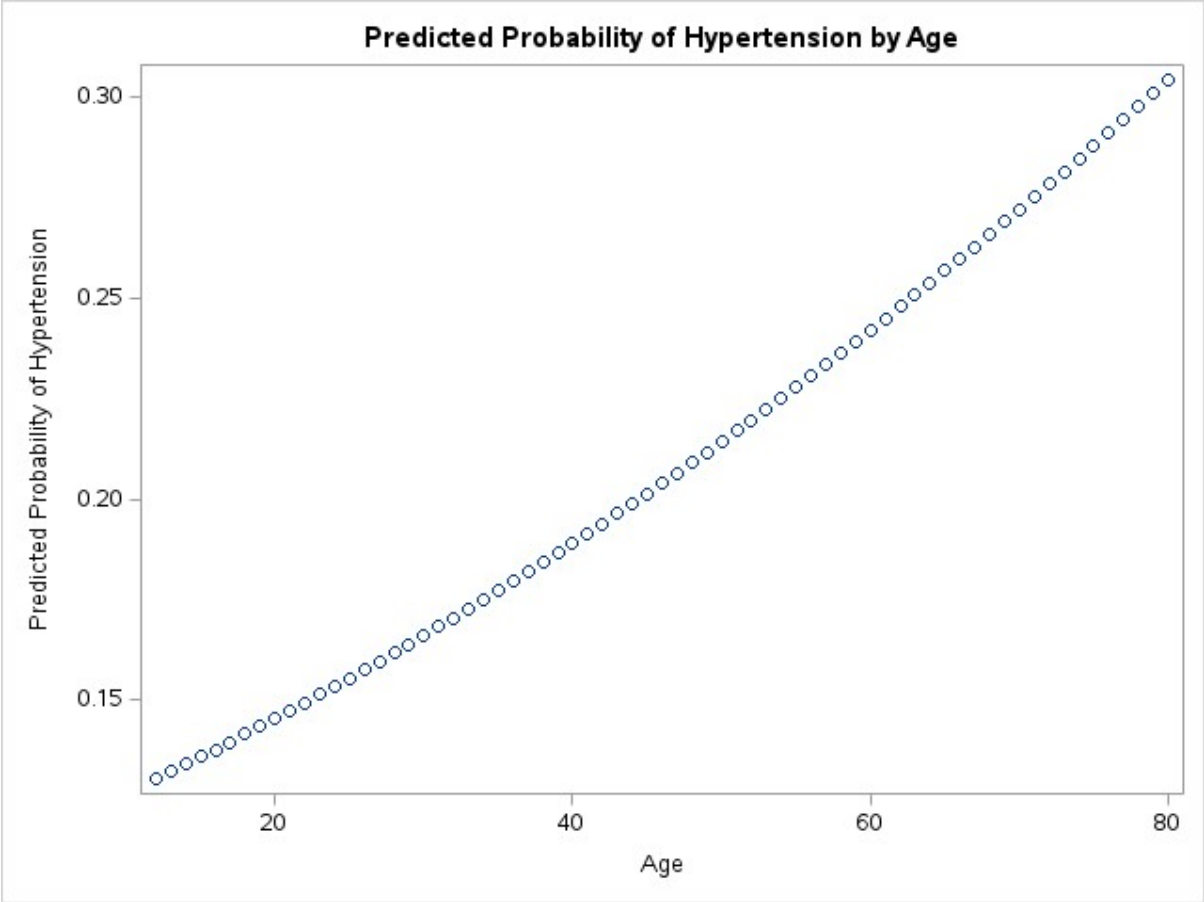
Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	238383213	234913585
SC	238383230	234913620
-2 Log L	238383211	234913581

Testing Global Null Hypothesis: BETA=0				
Test	F Value	Num DF	Den DF	Pr > F
Likelihood Ratio	103.48	1	30	<.0001
Score	83.92	1	30	<.0001
Wald	82.78	1	30	<.0001
NOTE: First-order Rao-Scott design correction 1.5895 applied to the likelihood ratio test.				

Analysis of Maximum Likelihood Estimates				
Parameter	Estimate	Standard Error	t Value	Pr > |t|
Intercept	-2.0856	0.0974	-21.41	<.0001
RIDAGEYR	0.0157	0.00173	9.10	<.0001
NOTE: The degrees of freedom for the t tests is 30.				

Odds Ratio Estimates			
Effect	Point Estimate	95% Confidence Limits	
RIDAGEYR	1.016	1.012	1.019
NOTE: The degrees of freedom in computing the confidence limits is 30.			

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	60.3	Somers' D	0.221
Percent Discordant	38.2	Gamma	0.224
Percent Tied	1.4	Tau-a	0.071
Pairs	19851424	c	0.611



Predicted Probability of Hypertension by Age

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	WORK.NHANES_COMBINED	
Response Variable	Diabetes_Binary	
Number of Response Levels	2	
Stratum Variable	SDMVSTRA	Masked variance pseudo-stratum
Number of Strata	30	
Cluster Variable	SDMVPSU	Masked variance pseudo-PSU
Number of Clusters	60	
Weight Variable	MEC4YR	
Model	Binary Logit	
Optimization Technique	Fisher's Scoring	
Variance Adjustment	Degrees of Freedom (DF)	

Variance Estimation	
Method	Taylor Series
Variance Adjustment	Degrees of Freedom (DF)

Number of Observations Read	11150
Number of Observations Used	11150
Sum of Weights Read	2.3522E8
Sum of Weights Used	2.3522E8

Response Profile

Ordered Value	Diabetes_Binary	Total Frequency	Total Weight
1	0	9867	215130317
2	1	1283	20085863

Probability modeled is Diabetes_Binary=1.

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

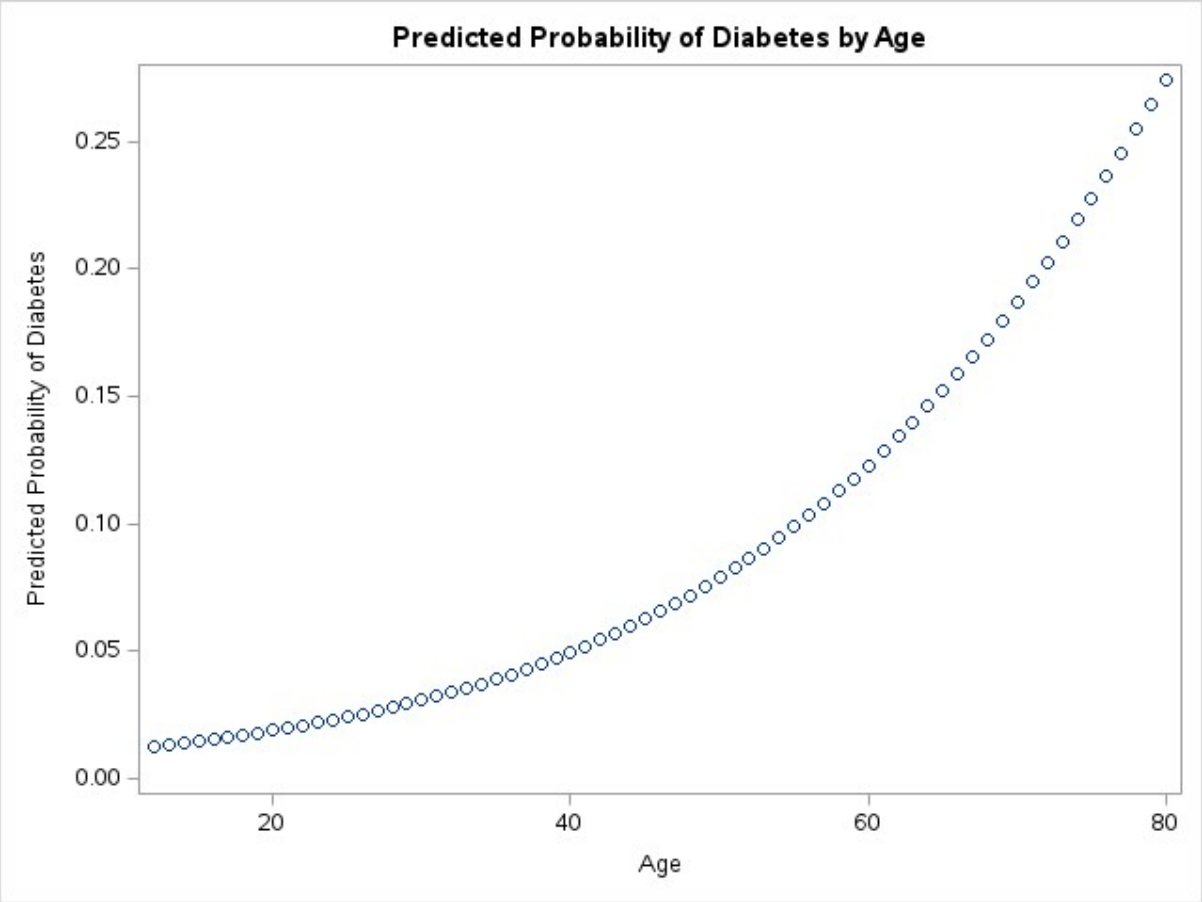
Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	137247591	123179768
SC	137247609	123179802
-2 Log L	137247589	123179764

Testing Global Null Hypothesis: BETA=0				
Test	F Value	Num DF	Den DF	Pr > F
Likelihood Ratio	460.28	1	30	<.0001
Score	683.81	1	30	<.0001
Wald	376.80	1	30	<.0001
NOTE: First-order Rao-Scott design correction 1.4488 applied to the likelihood ratio test.				

Analysis of Maximum Likelihood Estimates				
Parameter	Estimate	Standard Error	t Value	Pr > |t|
Intercept	-4.9343	0.1792	-27.53	<.0001
RIDAGEYR	0.0495	0.00255	19.41	<.0001
NOTE: The degrees of freedom for the t tests is 30.				

Odds Ratio Estimates			
Effect	Point Estimate	95% Confidence Limits	
RIDAGEYR	1.051	1.045	1.056
NOTE: The degrees of freedom in computing the confidence limits is 30.			

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	75.1	Somers' D	0.518
Percent Discordant	23.3	Gamma	0.526
Percent Tied	1.6	Tau-a	0.105
Pairs	12659361	c	0.759



Predicted Probability of Diabetes by Age

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	WORK.NHANES_COMBINED	
Response Variable	HTN_Binary	
Number of Response Levels	2	
Stratum Variable	SDMVSTRA	Masked variance pseudo-stratum
Number of Strata	30	
Cluster Variable	SDMVPSU	Masked variance pseudo-PSU
Number of Clusters	60	
Weight Variable	MEC4YR	
Model	Binary Logit	
Optimization Technique	Fisher's Scoring	
Variance Adjustment	Degrees of Freedom (DF)	

Variance Estimation	
Method	Taylor Series
Variance Adjustment	Degrees of Freedom (DF)

Number of Observations Read	11150
Number of Observations Used	10610
Sum of Weights Read	2.3522E8
Sum of Weights Used	2.2468E8

Response Profile

Ordered Value	HTN_Binary	Total Frequency	Total Weight
1	0	8509	178814843
2	1	2101	45868039

Probability modeled is HTN_Binary=1.

Note: 540 observations were deleted due to missing values for the response or explanatory variables.

Class Level Information					
Class	Value	Design Variables			
Race_Category	MexAm	1	0	0	0
	NH Bl	0	1	0	0
	NH Wh	0	0	1	0
	OHis	0	0	0	1
	Other	-1	-1	-1	-1

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	227422272	226490003
SC	227422289	226490089
-2 Log L	227422270	226489993

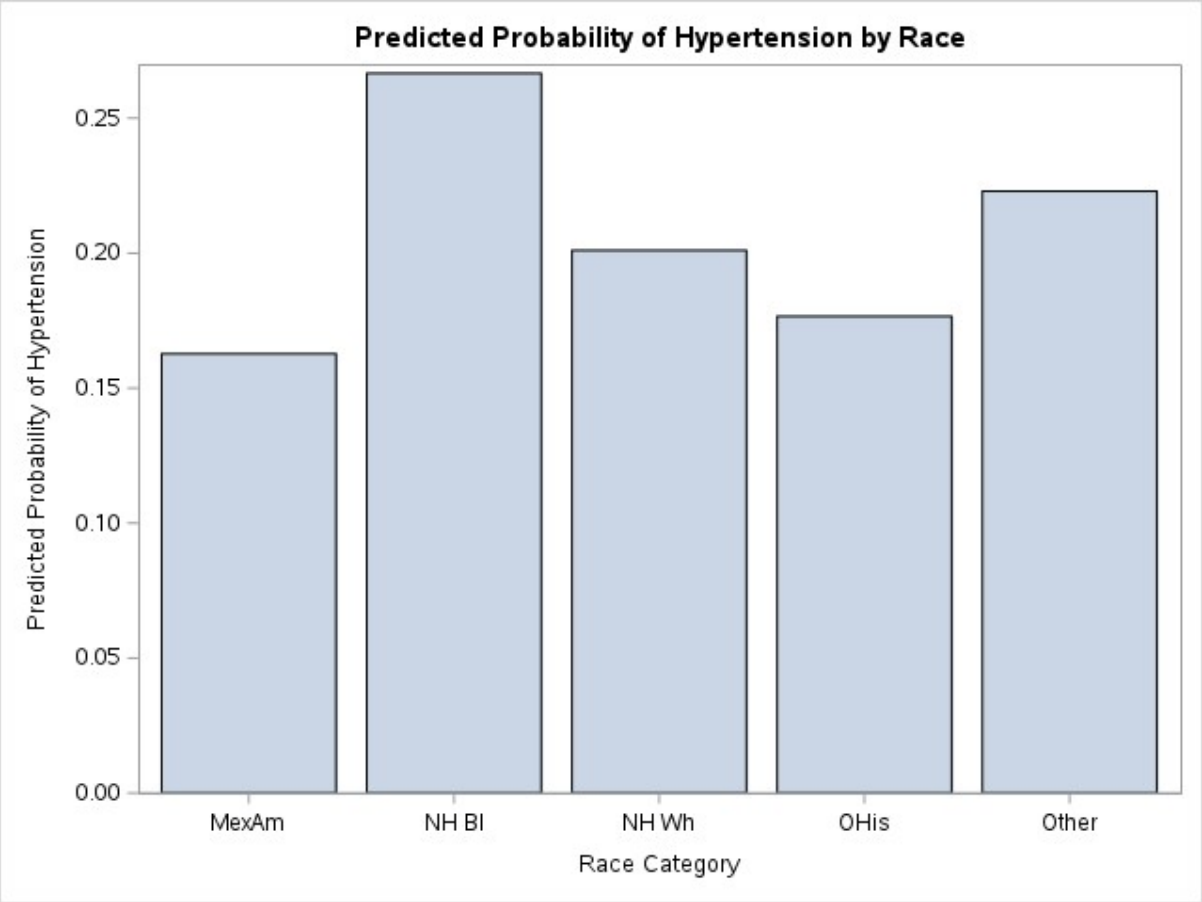
Testing Global Null Hypothesis: BETA=0				
Test	F Value	Num DF	Den DF	Pr > F
Likelihood Ratio	8.01	2.6994	80.9816	0.0002
Score	7.78	4	27	0.0003
Wald	10.03	4	27	<.0001
NOTE: Second-order Rao-Scott design correction 0.4818 applied to the Likelihood Ratio test.				

Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr > F
Race_Category	10.03	4	27	<.0001

Analysis of Maximum Likelihood Estimates					
Parameter		Estimate	Standard Error	t Value	Pr > |t|
Intercept		-1.3636	0.0416	-32.79	<.0001
Race_Category	MexAm	-0.2745	0.0575	-4.77	<.0001
Race_Category	NH Bl	0.3517	0.0652	5.40	<.0001
Race_Category	NH Wh	-0.0163	0.0680	-0.24	0.8118
Race_Category	OHis	-0.1760	0.1011	-1.74	0.0920
NOTE: The degrees of freedom for the t tests is 30.					

Odds Ratio Estimates			
Effect	Point Estimate	95% Confidence Limits	
Race_Category MexAm vs Other	0.677	0.569	0.806
Race_Category NH Bl vs Other	1.267	1.050	1.529
Race_Category NH Wh vs Other	0.877	0.742	1.037
Race_Category OHis vs Other	0.747	0.554	1.009
NOTE: The degrees of freedom in computing the confidence limits is 30.			

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	45.2	Somers' D	0.140
Percent Discordant	31.2	Gamma	0.183
Percent Tied	23.6	Tau-a	0.045
Pairs	17877409	c	0.570



Predicted Probability of Hypertension by Race

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	WORK.NHANES_COMBINED	
Response Variable	Diabetes_Binary	
Number of Response Levels	2	
Stratum Variable	SDMVSTRA	Masked variance pseudo-stratum
Number of Strata	30	
Cluster Variable	SDMVPSU	Masked variance pseudo-PSU
Number of Clusters	60	
Weight Variable	MEC4YR	
Model	Binary Logit	
Optimization Technique	Fisher's Scoring	
Variance Adjustment	Degrees of Freedom (DF)	

Variance Estimation	
Method	Taylor Series
Variance Adjustment	Degrees of Freedom (DF)

Number of Observations Read	11150
Number of Observations Used	10610
Sum of Weights Read	2.3522E8
Sum of Weights Used	2.2468E8

Response Profile			
Ordered Value	Diabetes_Binary	Total Frequency	Total Weight
1	0	9380	205513416
2	1	1230	19169466

Probability modeled is Diabetes_Binary=1.

Note: 540 observations were deleted due to missing values for the response or explanatory variables.

Class Level Information					
Class	Value	Design Variables			
Race_Category	MexAm	1	0	0	0
	NH Bl	0	1	0	0
	NH Wh	0	0	1	0
	OHis	0	0	0	1
	Other	-1	-1	-1	-1

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	131021178	130442044
SC	131021195	130442130
-2 Log L	131021176	130442034

Testing Global Null Hypothesis: BETA=0				
Test	F Value	Num DF	Den DF	Pr > F
Likelihood Ratio	4.17	3.1603	94.8081	0.0071
Score	7.09	4	27	0.0005
Wald	5.17	4	27	0.0032
NOTE: Second-order Rao-Scott design correction 0.2657 applied to the Likelihood Ratio test.				

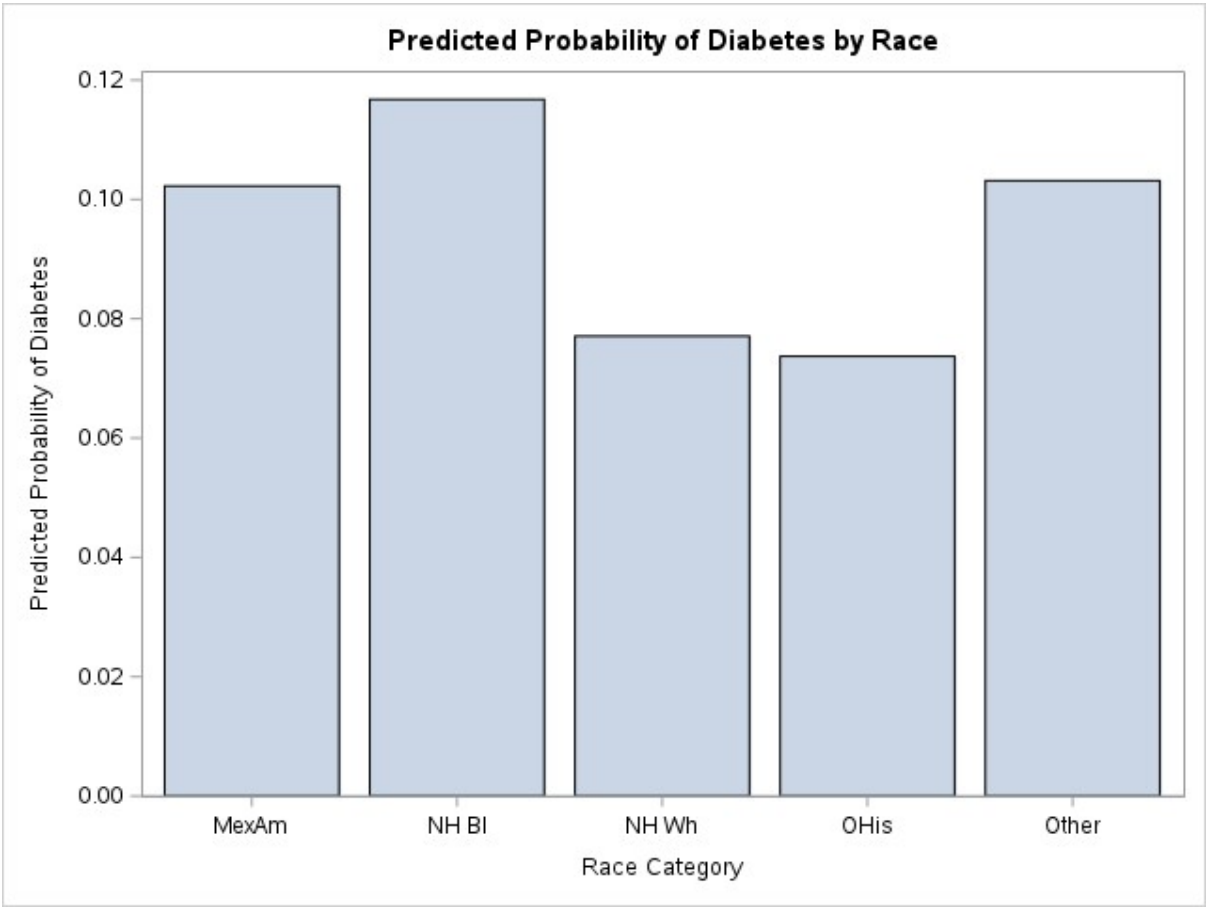
Type 3 Analysis of Effects				
Effect	F Value	Num DF	Den DF	Pr > F
Race_Category	5.17	4	27	0.0032

Analysis of Maximum Likelihood Estimates					
Parameter		Estimate	Standard Error	t Value	Pr > |t|
Intercept		-2.2745	0.0639	-35.57	<.0001
Race_Category	MexAm	0.1019	0.1174	0.87	0.3923
Race_Category	NH Bl	0.2510	0.0738	3.40	0.0019
Race_Category	NH Wh	-0.2081	0.0811	-2.57	0.0155
NOTE: The degrees of freedom for the t tests is 30.					

Analysis of Maximum Likelihood Estimates					
Parameter		Estimate	Standard Error	t Value	Pr > |t|
Race_Category	OHis	-0.2566	0.1053	-2.44	0.0210
NOTE: The degrees of freedom for the t tests is 30.					

Odds Ratio Estimates			
Effect	Point Estimate	95% Confidence Limits	
Race_Category MexAm vs Other	0.990	0.714	1.374
Race_Category NH Bl vs Other	1.149	0.886	1.491
Race_Category NH Wh vs Other	0.726	0.552	0.956
Race_Category OHis vs Other	0.692	0.501	0.955
NOTE: The degrees of freedom in computing the confidence limits is 30.			

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	39.8	Somers' D	0.072
Percent Discordant	32.6	Gamma	0.099
Percent Tied	27.6	Tau-a	0.015
Pairs	11537400	c	0.536



Predicted Probability of Diabetes by Race

The SURVEYFREQ Procedure

Data Summary	
Number of Strata	30

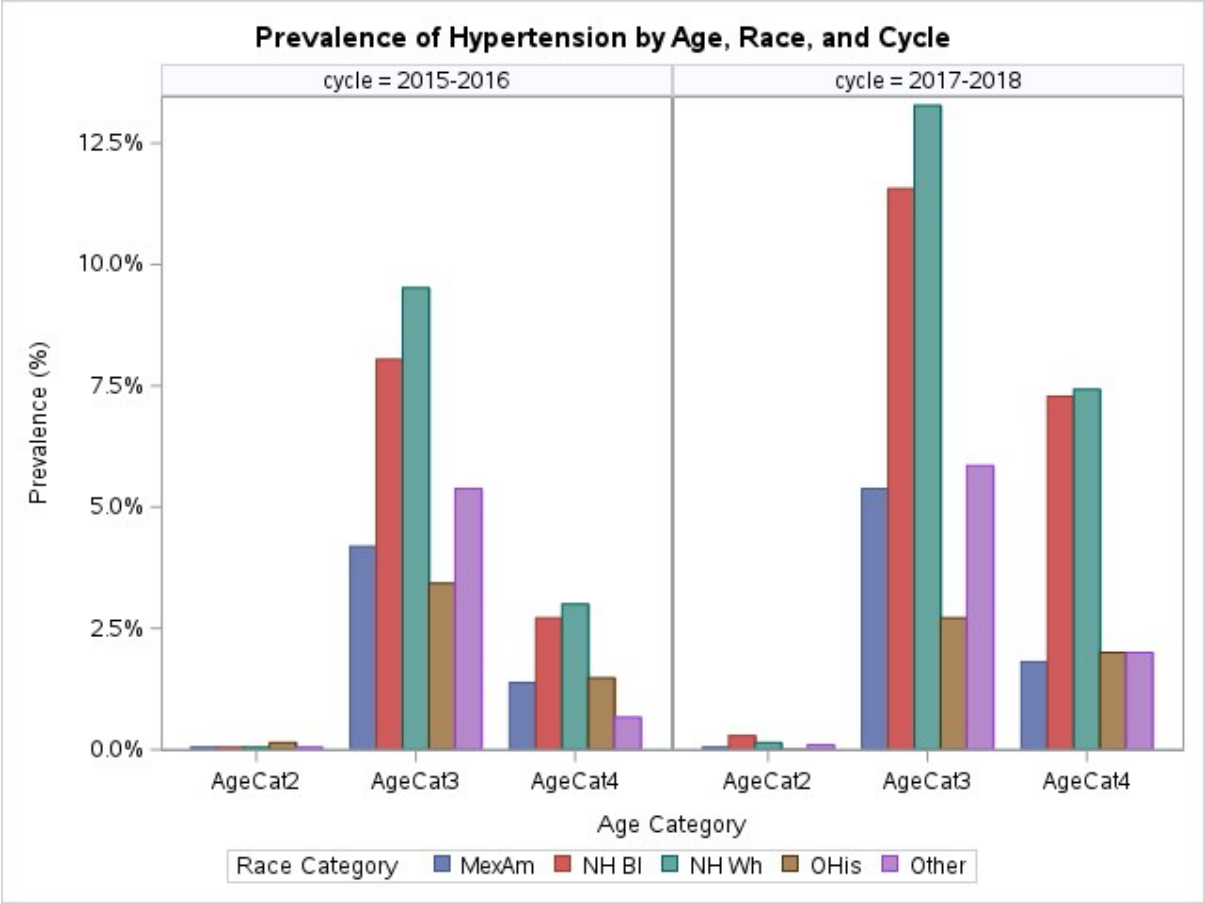
Data Summary	
Number of Clusters	60
Number of Observations	11150
Sum of Weights	235216180

Table of cycle by HTN_Binary

cycle	HTN_Binary	Frequency	Weighted Frequency	Std Err of Wgt Freq	Percent	Std Err of Percent	95% Confidence Limits for Percent		Row Percent	Std Err of Row Percent	95% Confidence Limits for Row Percent	
2015-2016	0	4984	99629590	5383136	42.3566	1.3772	39.5439	45.1693	84.0577	1.1262	81.7576	86.3577
	1	883	18895719	1698025	8.0333	0.6243	6.7584	9.3083	15.9423	1.1262	13.6423	18.2424
	Total	5867	118525309	6266053	50.3899	1.5159	47.2940	53.4859	100.0000			
2017-2018	0	3942	87458147	2790623	37.1820	1.2446	34.6401	39.7239	74.9486	1.1578	72.5840	77.3131
	1	1341	29232724	1685929	12.4280	0.7058	10.9867	13.8694	25.0514	1.1578	22.6869	27.4160
	Total	5283	116690871	3466248	49.6101	1.5159	46.5141	52.7060	100.0000			
Total	0	8926	187087737	6063475	79.5386	0.8212	77.8614	81.2158				
	1	2224	48128443	2392832	20.4614	0.8212	18.7842	22.1386				
	Total	11150	235216180	7160887	100.0000							

Table of cycle by Diabetes_Binary

cycle	Diabetes_Binary	Frequency	Weighted Frequency	Std Err of Wgt Freq	Percent	Std Err of Percent	95% Confidence Limits for Percent		Row Percent	Std Err of Row Percent	95% Confidence Limits for Row Percent	
2015-2016	0	5230	109004031	6454123	46.3421	1.6680	42.9355	49.7486	91.9669	0.7969	90.3394	93.5943
	1	637	9521278	696829	4.0479	0.3419	3.3496	4.7462	8.0331	0.7969	6.4057	9.6606
	Total	5867	118525309	6266053	50.3899	1.5159	47.2940	53.4859	100.0000			
2017-2018	0	4637	106126286	3067705	45.1186	1.3735	42.3136	47.9236	90.9465	0.5249	89.8745	92.0186
	1	646	10564584	750664	4.4914	0.3079	3.8625	5.1203	9.0535	0.5249	7.9814	10.1255
	Total	5283	116690871	3466248	49.6101	1.5159	46.5141	52.7060	100.0000			
Total	0	9867	215130317	7146084	91.4607	0.4876	90.4649	92.4565				
	1	1283	20085863	1024240	8.5393	0.4876	7.5435	9.5351				
	Total	11150	235216180	7160887	100.0000							



Prevalence of Hypertension by Age, Race, and Cycle

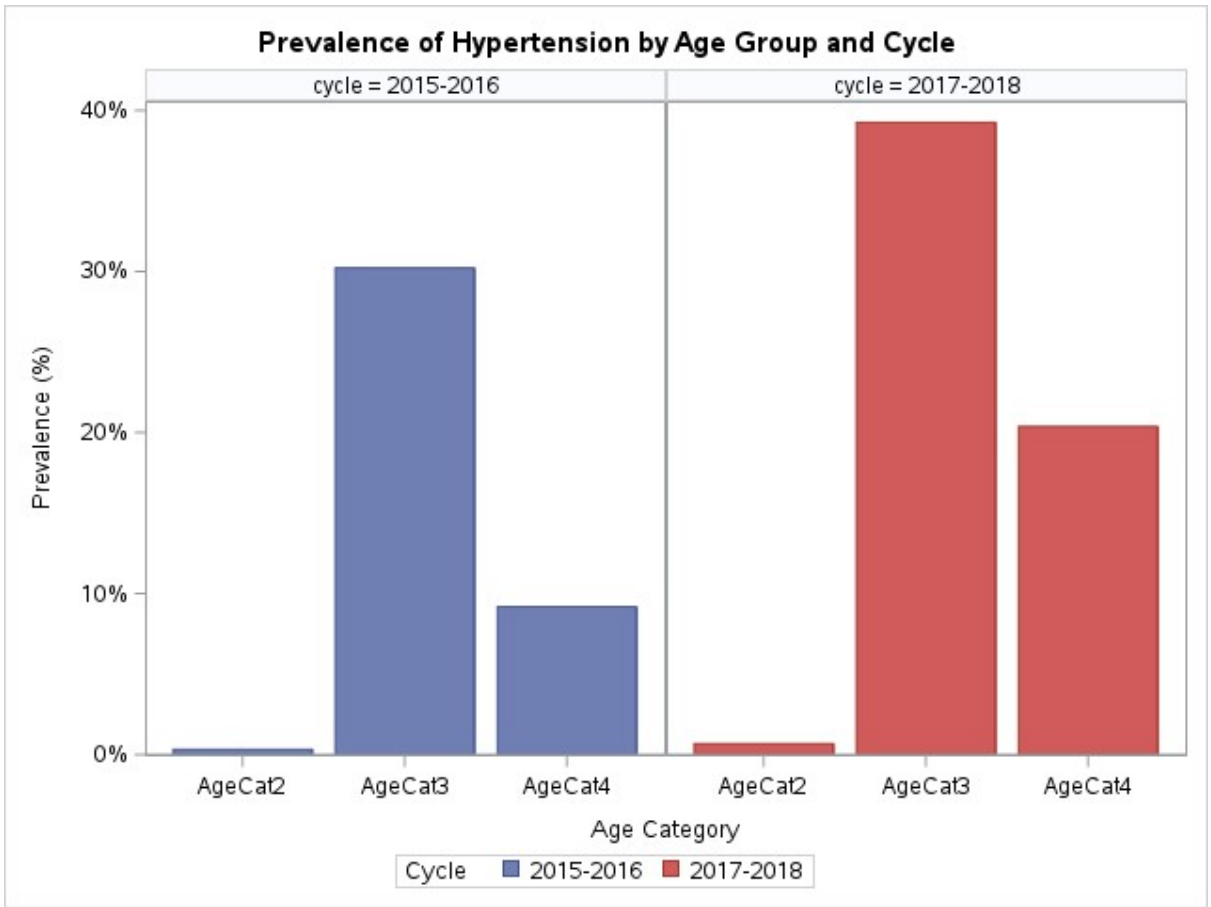
The SURVEYFREQ Procedure

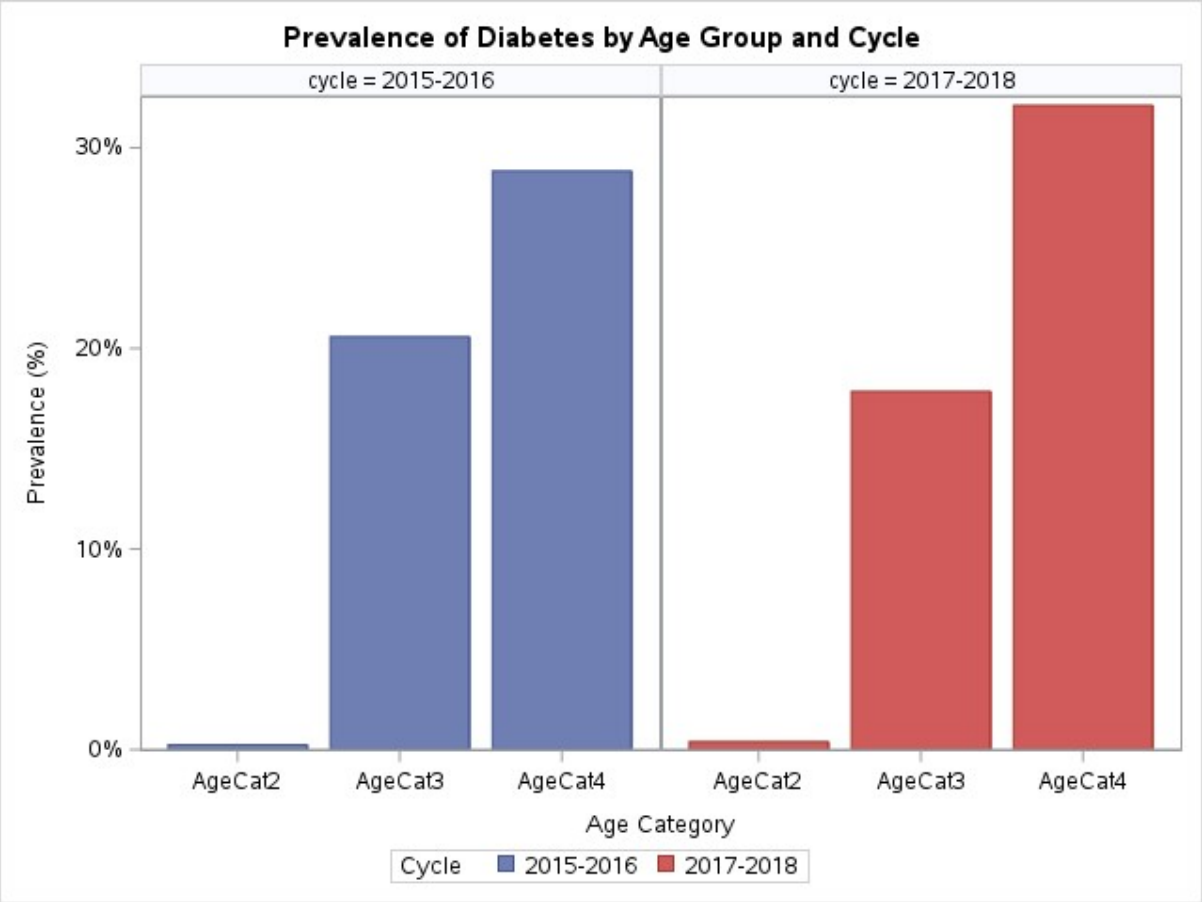
Data Summary	
Number of Strata	30
Number of Clusters	60
Number of Observations	11150
Sum of Weights	235216180

Table of Age_Category by HTN_Binary

Age_Category	HTN_Binary	Frequency	Weighted Frequency	Std Err of Wgt Freq	Percent	Std Err of Percent	95% Confidence Limits for Percent		Row Percent	Std Err of Row Percent	95% Confidence Limits for Row Percent	
AgeCat2	0	1478	21252461	1245549	9.0353	0.4153	8.1870	9.8835	98.8174	0.2799	98.2457	99.3891
	1	22	254333	60788	0.1081	0.0261	0.0547	0.1615	1.1826	0.2799	0.6109	1.7543
	Total	1500	21506795	1253902	9.1434	0.4199	8.2858	10.0010	100.0000			
AgeCat3	0	4804	116738886	3980125	49.6305	0.7866	48.0240	51.2369	76.0030	1.0107	73.9389	78.0672
	1	1545	36858750	2236171	15.6702	0.8129	14.0099	17.3304	23.9970	1.0107	21.9328	26.0611
	Total	6349	153597636	5335467	65.3006	1.0861	63.0824	67.5188	100.0000			
AgeCat4	0	2644	49096390	2687464	20.8729	0.9653	18.9015	22.8442	81.6752	1.1555	79.3154	84.0350
	1	657	11015360	833391	4.6831	0.3391	3.9906	5.3755	18.3248	1.1555	15.9650	20.6846
	Total	3301	60111750	3067531	25.5560	1.0888	23.3322	27.7797	100.0000			
Total	0	8926	187087737	6063475	79.5386	0.8212	77.8614	81.2158				
	1	2224	48128443	2392832	20.4614	0.8212	18.7842	22.1386				
	Total	11150	235216180	7160887	100.0000							

Table of Age_Category by Diabetes_Binary												
Age_Category	Diabetes_Binary	Frequency	Weighted Frequency	Std Err of Wgt Freq	Percent	Std Err of Percent	95% Confidence Limits for Percent		Row Percent	Std Err of Row Percent	95% Confidence Limits for Row Percent	
AgeCat2	0	1492	21328013	1244878	9.0674	0.4194	8.2109	9.9240	99.1687	0.4604	98.2284	100.0000
	1	8	178781	99832	0.0760	0.0422	0.0000	0.1621	0.8313	0.4604	0.0000	1.7716
	Total	1500	21506795	1253902	9.1434	0.4199	8.2858	10.0010	100.0000			
AgeCat3	0	5856	144205722	5284790	61.3077	1.1410	58.9775	63.6380	93.8854	0.5476	92.7670	95.0038
	1	493	9391914	821746	3.9929	0.3515	3.2750	4.7107	6.1146	0.5476	4.9962	7.2330
	Total	6349	153597636	5335467	65.3006	1.0861	63.0824	67.5188	100.0000			
AgeCat4	0	2519	49596583	2739223	21.0855	0.9021	19.2432	22.9279	82.5073	0.9991	80.4669	84.5477
	1	782	10515167	701688	4.4704	0.3374	3.7813	5.1596	17.4927	0.9991	15.4523	19.5331
	Total	3301	60111750	3067531	25.5560	1.0888	23.3322	27.7797	100.0000			
Total	0	9867	215130317	7146084	91.4607	0.4876	90.4649	92.4565				
	1	1283	20085863	1024240	8.5393	0.4876	7.5435	9.5351				
	Total	11150	235216180	7160887	100.0000							





Prevalence of Diabetes by Age Group and Cycle

The SURVEYFREQ Procedure

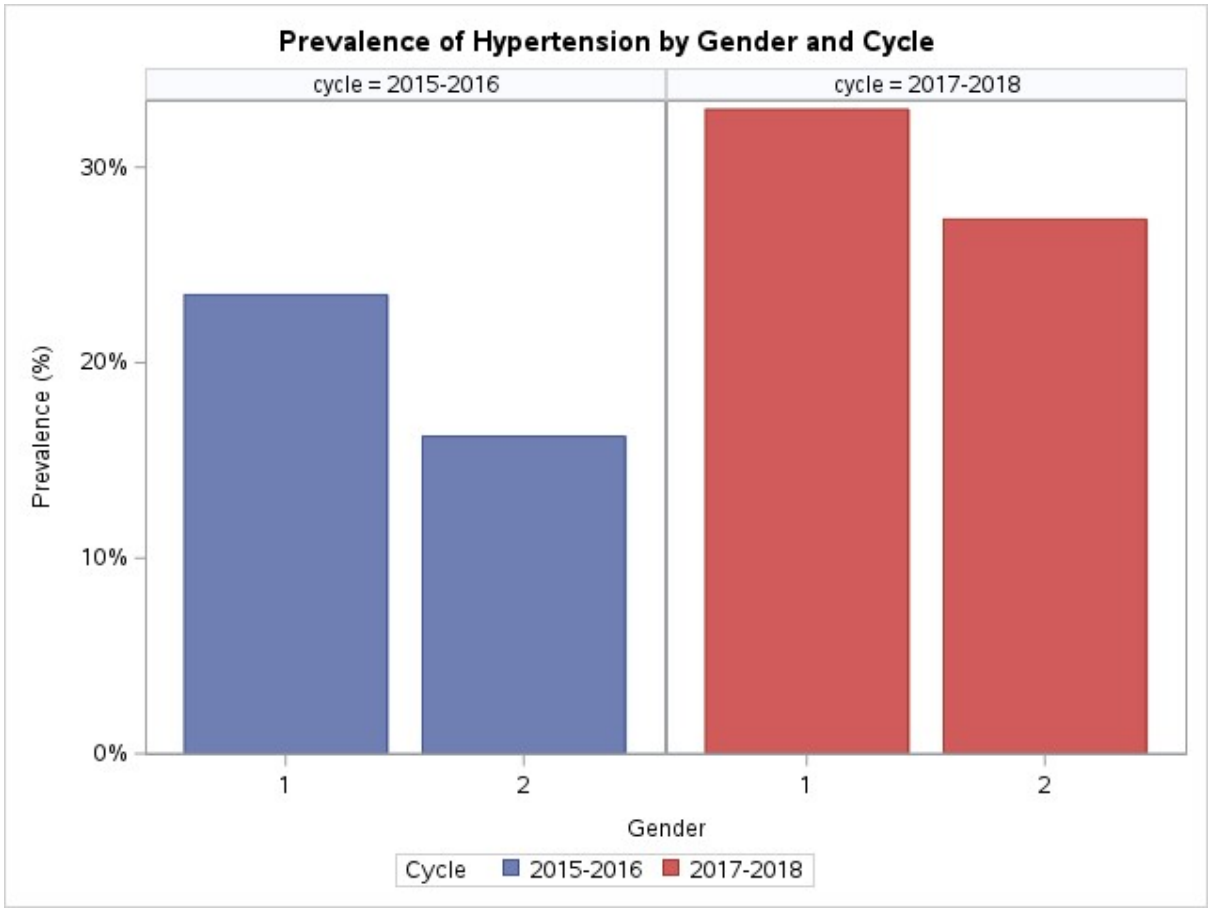
Data Summary	
Number of Strata	30
Number of Clusters	60
Number of Observations	11150
Sum of Weights	235216180

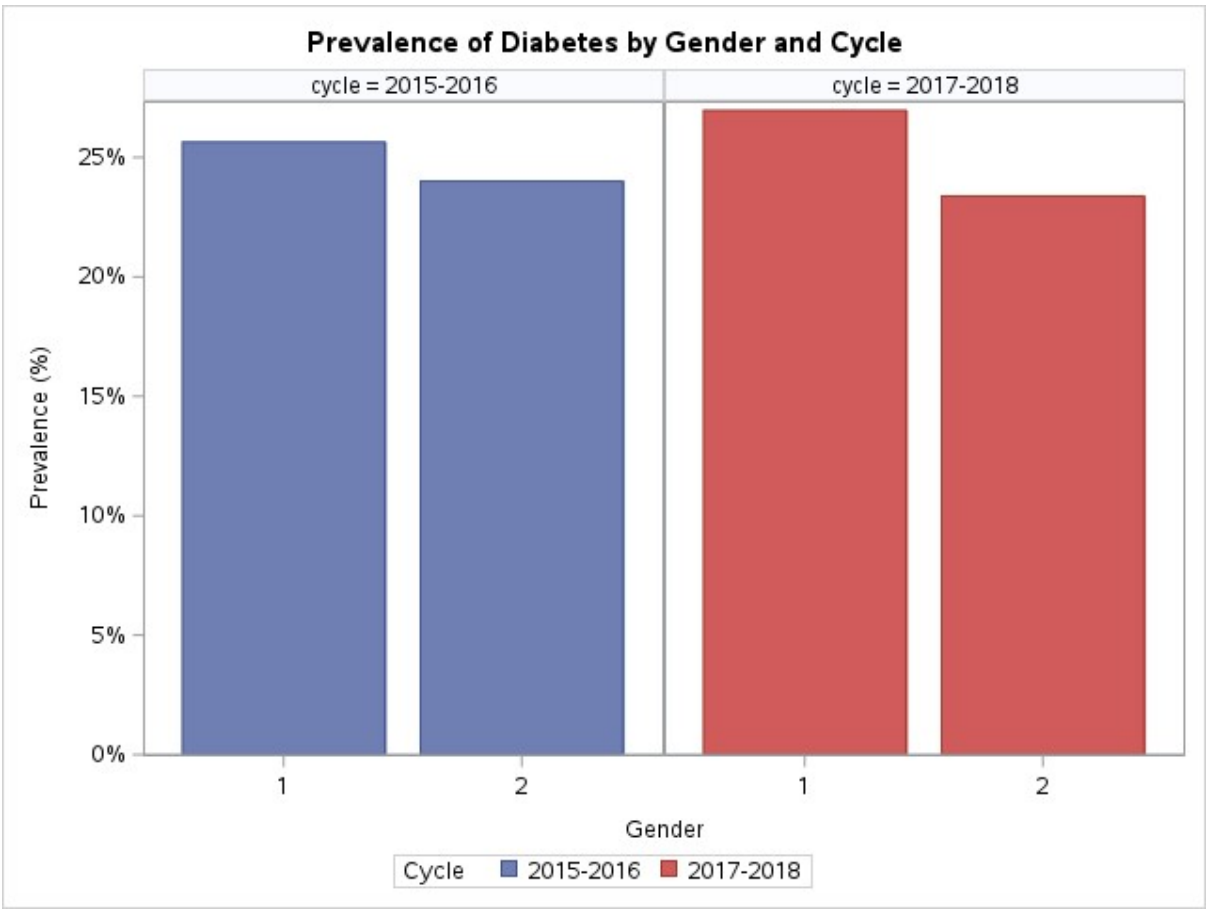
Table of RIAGENDR by HTN_Binary

RIAGENDR	HTN_Binary	Frequency	Weighted Frequency	Std Err of Wgt Freq	Percent	Std Err of Percent	95% Confidence Limits for Percent		Row Percent	Std Err of Row Percent	95% Confidence Limits for Row Percent	
1	0	4216	87318511	2828828	37.1227	0.5398	36.0202	38.2251	76.2977	1.2764	73.6909	78.9046
	1	1255	27125920	1838411	11.5323	0.7109	10.0804	12.9842	23.7023	1.2764	21.0954	26.3091
	Total	5471	114444431	3598230	48.6550	0.6176	47.3936	49.9164	100.0000			
2	0	4710	99769226	3530159	42.4160	0.6229	41.1438	43.6881	82.6097	0.9277	80.7151	84.5044
	1	969	21002523	1361319	8.9290	0.5092	7.8890	9.9690	17.3903	0.9277	15.4956	19.2849
	Total	5679	120771749	4123552	51.3450	0.6176	50.0836	52.6064	100.0000			
Total	0	8926	187087737	6063475	79.5386	0.8212	77.8614	81.2158				
	1	2224	48128443	2392832	20.4614	0.8212	18.7842	22.1386				
	Total	11150	235216180	7160887	100.0000							

Table of RIAGENDR by Diabetes_Binary

RIAGENDR	Diabetes_Binary	Frequency	Weighted Frequency	Std Err of Wgt Freq	Percent	Std Err of Percent	95% Confidence Limits for Percent		Row Percent	Std Err of Row Percent	95% Confidence Limits for Row Percent	
1	0	4796	103210410	3613846	43.8790	0.6436	42.5646	45.1933	90.1839	0.6276	88.9022	91.4655
	1	675	11234021	649139	4.7760	0.3094	4.1441	5.4080	9.8161	0.6276	8.5345	11.0978
	Total	5471	114444431	3598230	48.6550	0.6176	47.3936	49.9164	100.0000			
2	0	5071	111919907	4084181	47.5817	0.6688	46.2158	48.9476	92.6706	0.5325	91.5832	93.7580
	1	608	8851842	610919	3.7633	0.2706	3.2106	4.3160	7.3294	0.5325	6.2420	8.4168
	Total	5679	120771749	4123552	51.3450	0.6176	50.0836	52.6064	100.0000			
Total	0	9867	215130317	7146084	91.4607	0.4876	90.4649	92.4565				
	1	1283	20085863	1024240	8.5393	0.4876	7.5435	9.5351				
	Total	11150	235216180	7160887	100.0000							





Prevalence of Diabetes by Gender and Cycle

The SURVEYFREQ Procedure

Data Summary	
Number of Strata	30
Number of Clusters	60
Number of Observations	11150
Sum of Weights	235216180

Table of Race_Category by HTN_Binary

Race_Category	HTN_Binary	Frequency	Weighted Frequency	Std Err of Wgt Freq	Percent	Std Err of Percent	95% Confidence Limits for Percent		Row Percent	Std Err of Row Percent	95% Confidence Limits for Row Percent	
MexAm	0	1584	18849582	2821009	8.3894	1.2879	5.7591	11.0197	83.7294	0.9836	81.7207	85.7381
	1	270	3662916	515839	1.6303	0.2358	1.1488	2.1117	16.2706	0.9836	14.2619	18.2793
	Total	1854	22512498	3283300	10.0197	1.5005	6.9553	13.0840	100.0000			
NH Bl	0	1760	18660355	2125684	8.3052	1.0690	6.1220	10.4884	73.3441	1.4276	70.4286	76.2596
	1	629	6781844	820821	3.0184	0.3887	2.2246	3.8123	26.6559	1.4276	23.7404	29.5714
	Total	2389	25442199	2830823	11.3236	1.4111	8.4417	14.2055	100.0000			
NH Wh	0	3083	118840435	8012727	52.8925	2.2635	48.2699	57.5152	79.8980	1.1857	77.4765	82.3196
	1	702	29899703	2386890	13.3075	0.8565	11.5584	15.0566	20.1020	1.1857	17.6804	22.5235
	Total	3785	148740139	9451582	66.2000	2.4950	61.1045	71.2955	100.0000			
OHis	0	1025	12725200	1443882	5.6636	0.7130	4.2074	7.1198	82.3410	1.7931	78.6789	86.0031
	1	205	2729071	289187	1.2146	0.1341	0.9407	1.4886	17.6590	1.7931	13.9969	21.3211
	Total	1230	15454270	1573958	6.8783	0.7840	5.2771	8.4794	100.0000			

Frequency Missing = 540

Table of Race_Category by HTN_Binary

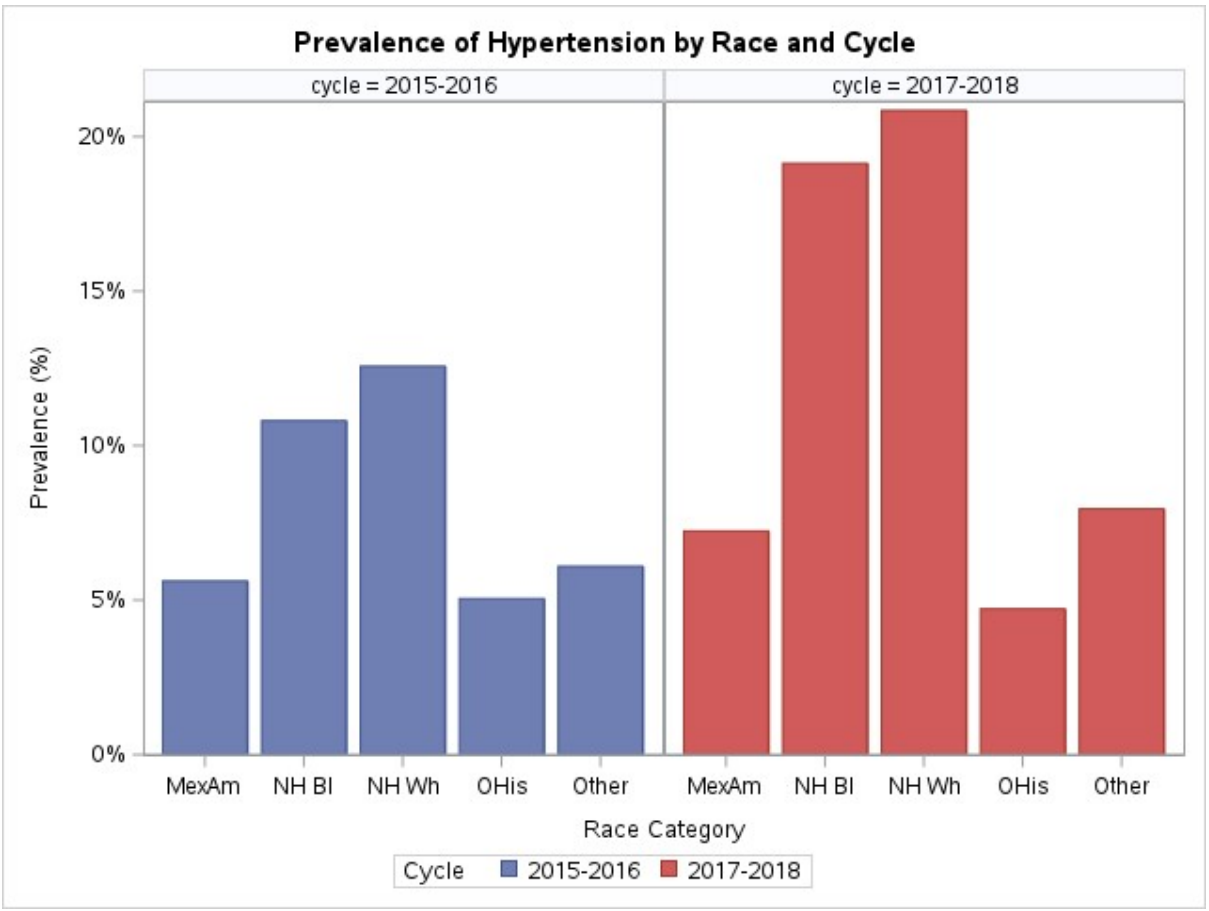
Race_Category	HTN_Binary	Frequency	Weighted Frequency	Std Err of Wgt Freq	Percent	Std Err of Percent	95% Confidence Limits for Percent		Row Percent	Std Err of Row Percent	95% Confidence Limits for Row Percent	
Other	0	1057	9739271	1295632	4.3347	0.6220	3.0643	5.6050	77.7042	1.0163	75.6286	79.7798
	1	295	2794506	323015	1.2438	0.1551	0.9269	1.5606	22.2958	1.0163	20.2202	24.3714
	Total	1352	12533776	1592055	5.5784	0.7664	4.0133	7.1436	100.0000			
Total	0	8509	178814843	5776787	79.5854	0.8230	77.9047	81.2662				
	1	2101	45868039	2300598	20.4146	0.8230	18.7338	22.0953				
	Total	10610	224682882	6841945	100.0000							

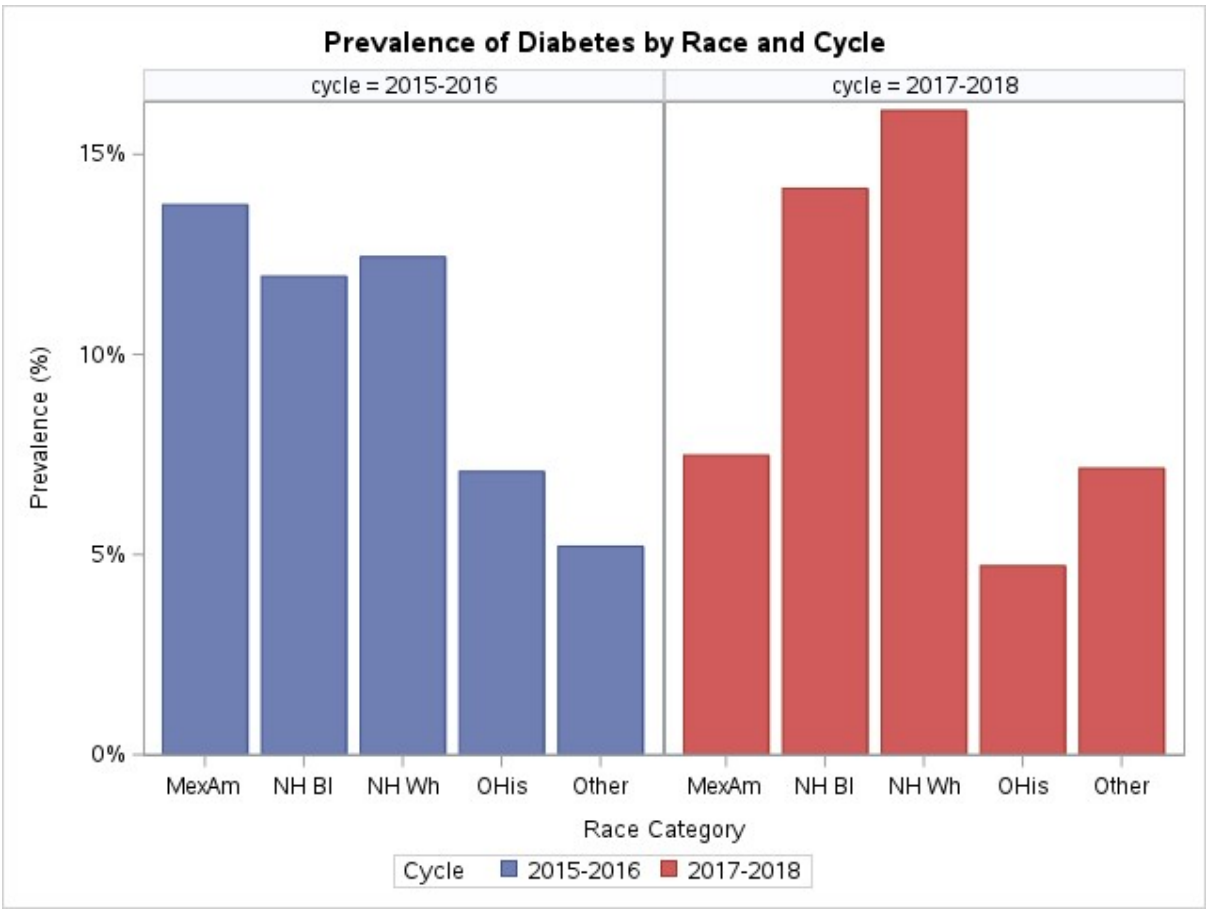
Frequency Missing = 540

Table of Race_Category by Diabetes_Binary

Race_Category	Diabetes_Binary	Frequency	Weighted Frequency	Std Err of Wgt Freq	Percent	Std Err of Percent	95% Confidence Limits for Percent		Row Percent	Std Err of Row Percent	95% Confidence Limits for Row Percent	
MexAm	0	1593	20210839	2884347	8.9953	1.3164	6.3067	11.6838	89.7761	1.3154	87.0896	92.4626
	1	261	2301659	502382	1.0244	0.2284	0.5579	1.4909	10.2239	1.3154	7.5374	12.9104
	Total	1854	22512498	3283300	10.0197	1.5005	6.9553	13.0840	100.0000			
NH Bl	0	2068	22471624	2485846	10.0015	1.2400	7.4690	12.5340	88.3242	0.5737	87.1525	89.4959
	1	321	2970574	378016	1.3221	0.1844	0.9455	1.6987	11.6758	0.5737	10.5041	12.8475
	Total	2389	25442199	2830823	11.3236	1.4111	8.4417	14.2055	100.0000			
NH Wh	0	3434	137274775	9038482	61.0971	2.4262	56.1422	66.0521	92.2917	0.6061	91.0539	93.5295
	1	351	11465363	971289	5.1029	0.4033	4.2793	5.9265	7.7083	0.6061	6.4705	8.9461
	Total	3785	148740139	9451582	66.2000	2.4950	61.1045	71.2955	100.0000			
OHis	0	1085	14315168	1423426	6.3713	0.7071	4.9271	7.8154	92.6292	0.9896	90.6081	94.6503
	1	145	1139102	215928	0.5070	0.1026	0.2975	0.7165	7.3708	0.9896	5.3497	9.3919
	Total	1230	15454270	1573958	6.8783	0.7840	5.2771	8.4794	100.0000			
Other	0	1200	11241010	1491588	5.0031	0.7152	3.5425	6.4636	89.6857	1.0720	87.4964	91.8750
	1	152	1292767	160290	0.5754	0.0758	0.4206	0.7302	10.3143	1.0720	8.1250	12.5036
	Total	1352	12533776	1592055	5.5784	0.7664	4.0133	7.1436	100.0000			
Total	0	9380	205513416	6818349	91.4682	0.4873	90.4729	92.4635				
	1	1230	19169466	984026	8.5318	0.4873	7.5365	9.5271				
	Total	10610	224682882	6841945	100.0000							

Frequency Missing = 540


Prevalence of Hypertension by Race and Cycle
cycle = 2015-2016
cycle = 2017-2018
20%
15%
10%
5%
0%
Prevalence (%)
MexAm
NH Bl
NH Wh
OHis
Other
Race Category
Cycle
2015-2016
2017-2018


Prevalence of Diabetes by Race and Cycle
cycle = 2015-2016
cycle = 2017-2018
15%
10%
5%
0%
Prevalence (%)
MexAm
NH Bl
NH Wh
OHis
Other
Race Category
Cycle
2015-2016
2017-2018