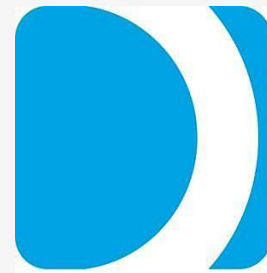


Diabetes Risk Test and Evaluation Data

**DIABETES COALITION OF
PALM BEACH COUNTY**



**Diabetes
Coalition**

PALM BEACH COUNTY

Risk Factors

- Older age
- Family history of diabetes
- Obesity
- Prior history of gestational diabetes
- Physical inactivity
- Problems with blood circulation and high blood pressure
- Race/ethnicity
- Impaired glucose levels

Methodology

- N= 927
- Surveys were administered during or in conjunction with Diabetes Week 2013
- Surveys consisted of 12 questions, including multiple choice, fill in the blank and open ended responses
- Surveys were primarily completed by participants, however site staff also provided participants with assistance in completing surveys
- Hard copy surveys were entered manually into Survey Monkey, a web-based survey administration and analytical program
- Assumptions:
 - Illegible, invalid, and blank answers were marked as “No response”

Data Sources

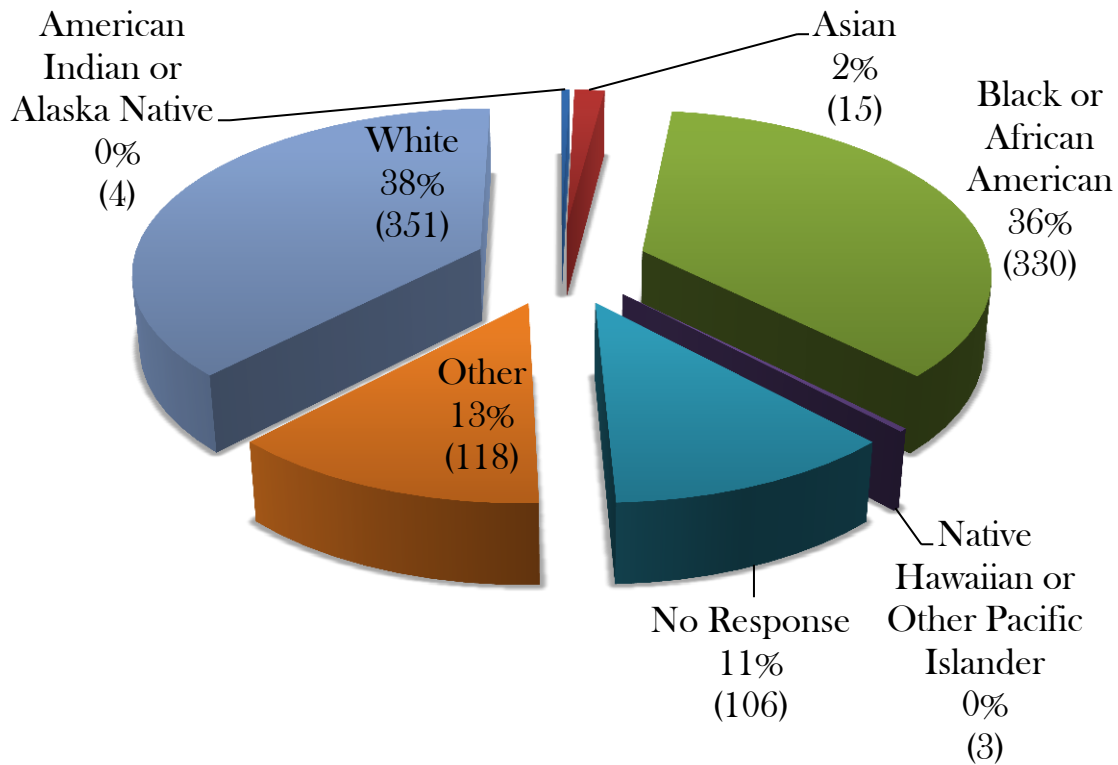
Organization/Location of Survey Administration

- N = 927

Location	Number of Surveys	Percent
Caridad Center	241	26.0%
Community Health Center, West Palm Beach	69	7.0%
Department of Health, County-Wide (Screening Event)	301	33.0%
Downtown at Gardens	49	5.0%
First United Methodist Church	15	2.0%
Glades Initiative	37	4.0%
Glades Initiative Food Pantry	36	4.0%
Homeless Outreach, West Palm Beach	20	2.0%
New Birth Deliverance Baptist Church	9	1.0%
St. John's Missionary Baptist	18	2.0%
Tabernacle Baptist Church	37	4.0%
YMCA	95	10.0%

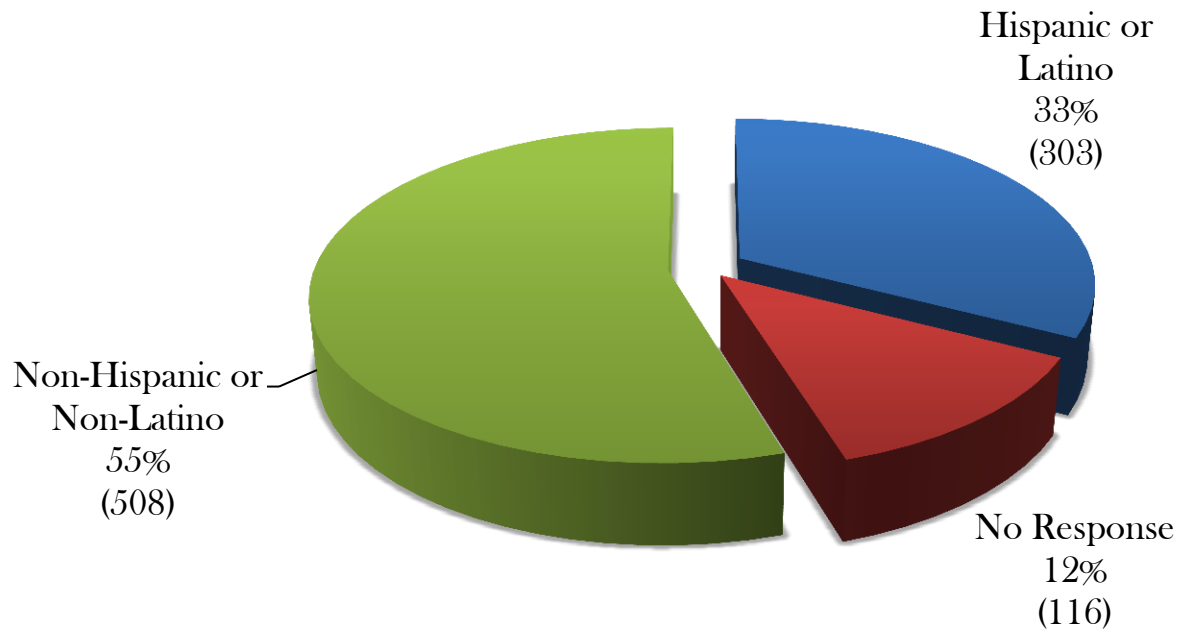
Risk Test Data Summary - Race

- N = 927
- *What race best describes you?*



Risk Test Data Summary - Ethnicity

- N = 927
- *What ethnicity best describes you?*



Risk Test Data Summary - Country of Birth

- N = 927
- *What is your country of birth?*

Country of Birth		
	Count	Percent
United States of America (U.S.A.)	373	40%
Haiti	126	14%
Cuba	22	2%
Mexico	71	8%
Colombia	21	2%
Jamaica	41	5%
Guatemala	52	6%
Canada	3	0%
Honduras	18	2%
Peru	13	1%
Brazil	2	0%
No Response	82	9%
Other (39 countries represented)	103	11%

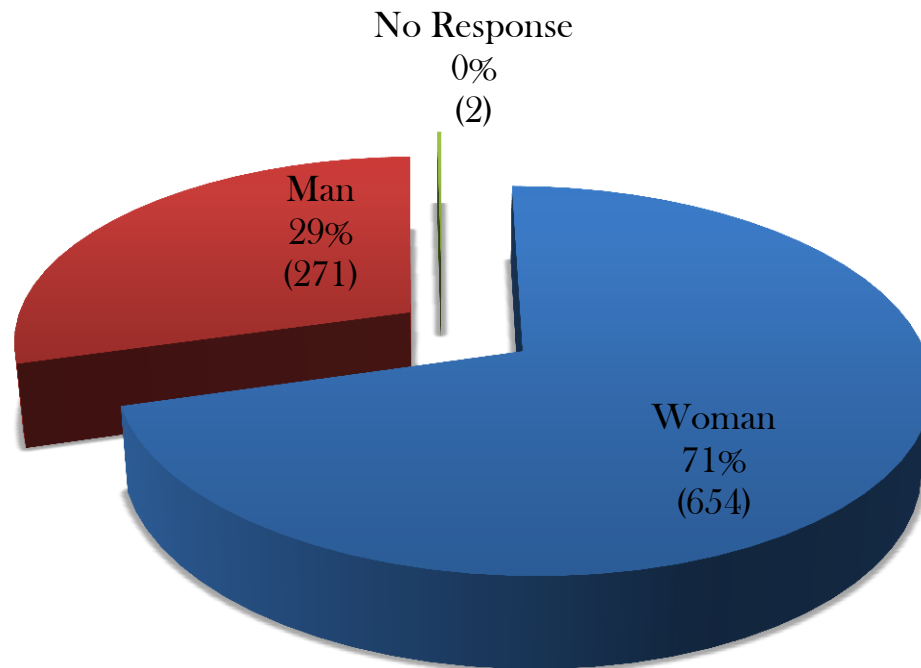
Risk Test Data Summary – Country of Birth (Other)

- N= 103 (Top 10 ‘other’ countries shown)
- *What is your country of birth? Other*

Country of Birth		
	Count	Percent
Ecuador	10	17%
Dominican Republic	9	15%
El Salvador	8	17%
India	7	11%
Puerto Rico	6	10%
Argentina	4	6%
Bahamas	4	7%
Costa Rica	4	7%
Guyana	4	7%
Nicaragua	4	7%

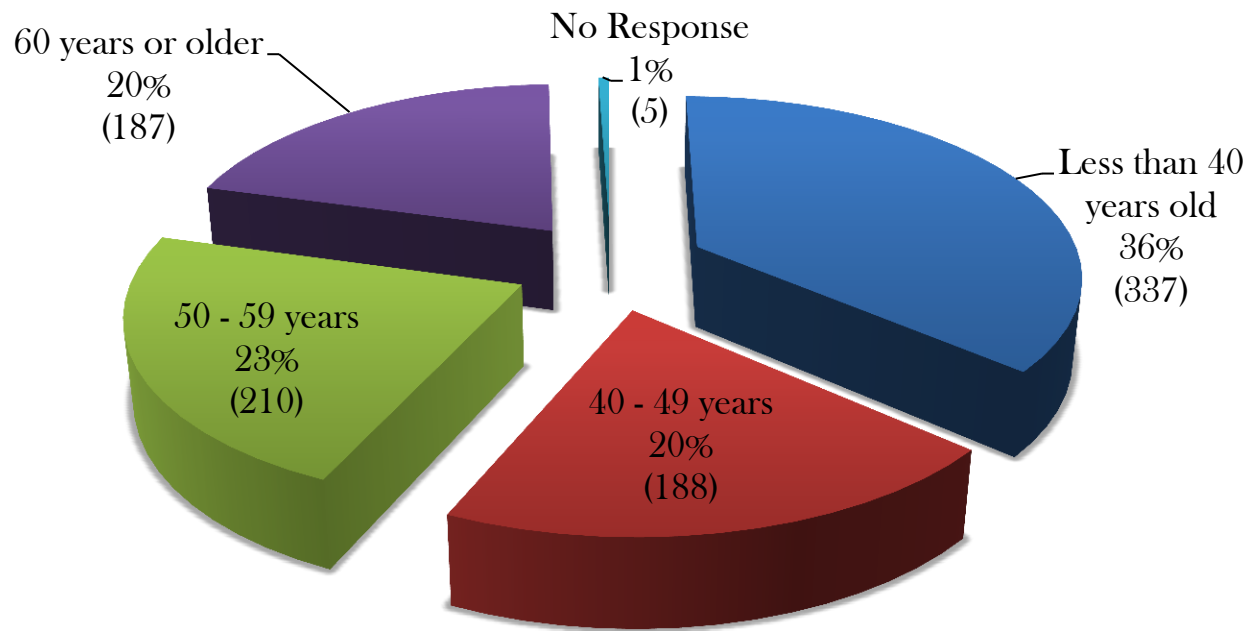
Risk Test Data Summary - Gender

- N= 927
- *Are you a man or a woman?*



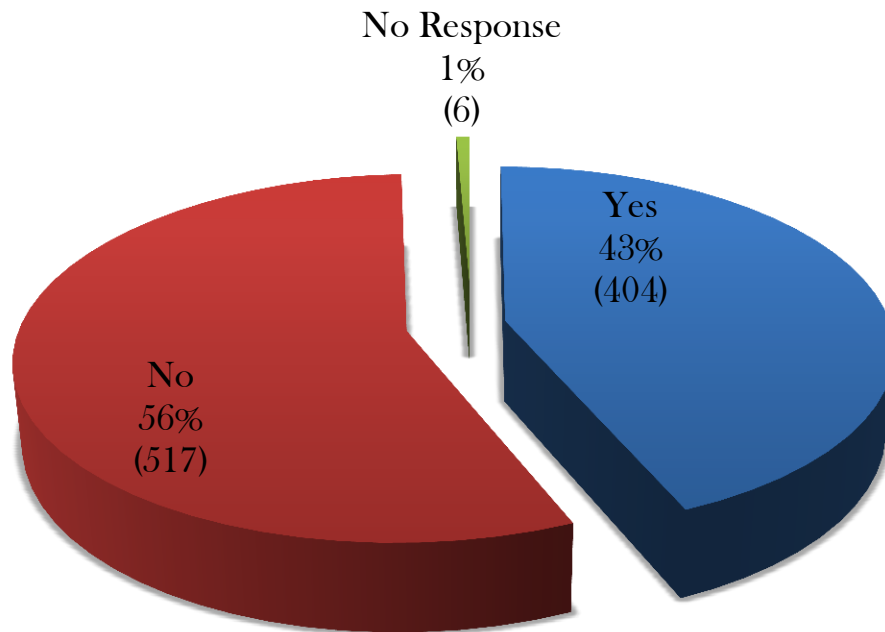
Risk Test Data Summary - Age

- N= 927
- *How old are you?*



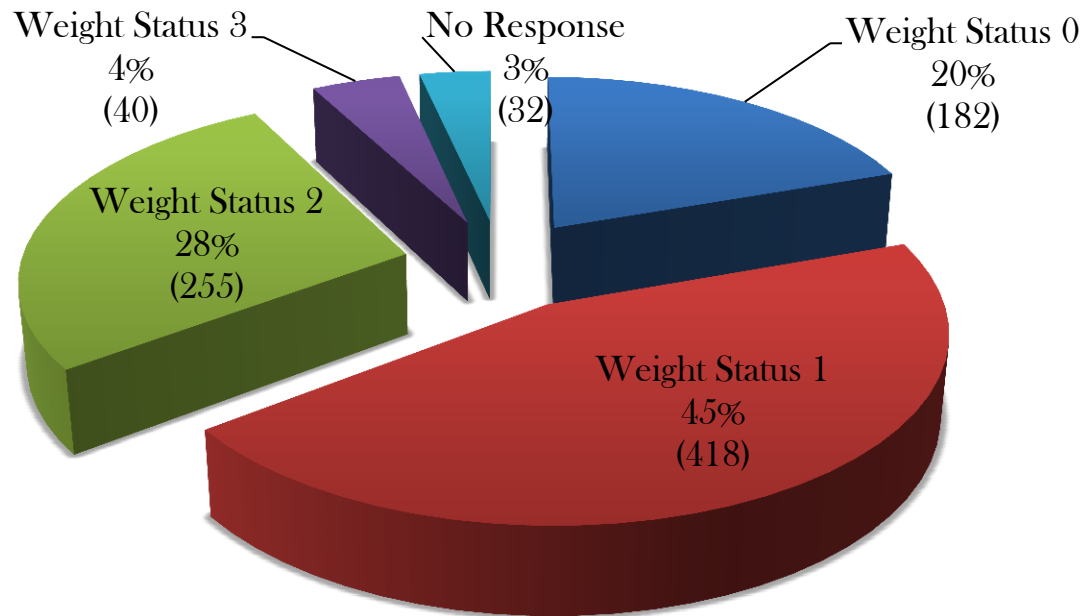
Risk Test Data Summary - Family History

- N=927
- *Do you have a mother, father, sister, or brother with diabetes?*



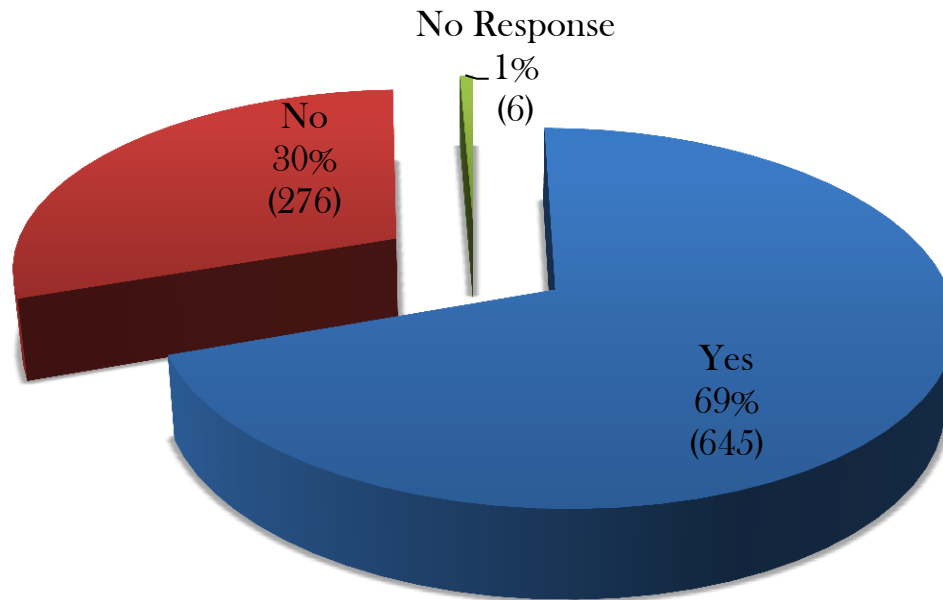
Risk Test Data Summary - Weight Status

- N= 927
- *What is your weight status?*



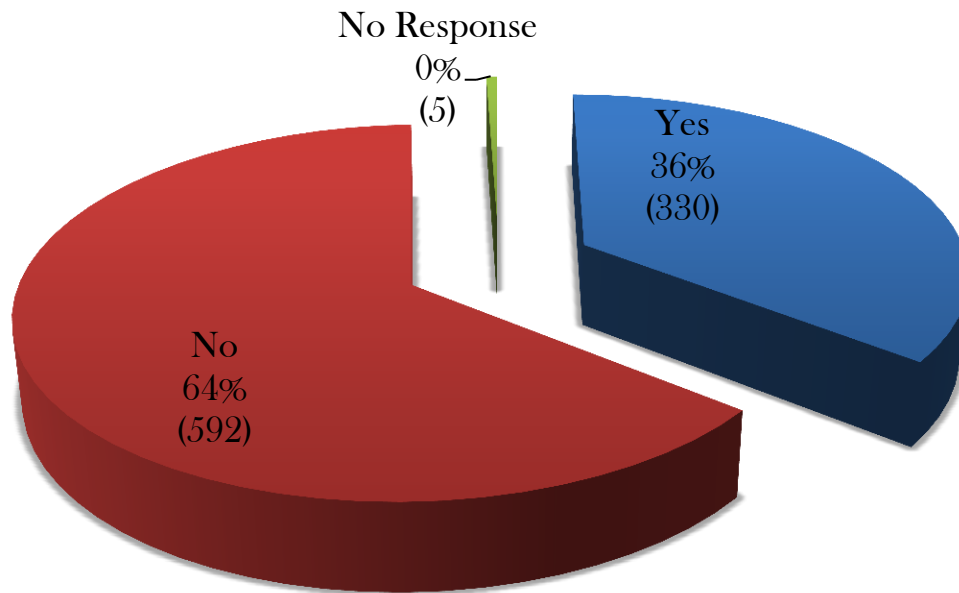
Risk Test Data Summary - Physical Activity

- N=927
- *Are you physically active?*



Risk Test Data Summary - Blood Pressure

- N= 927
- *Have you ever been diagnosed with high blood pressure?*



Risk Test Data Summary

Zip Codes

- *What is the zip code where you live?*
- Total = 927
- In County= 755
- Out of county = 51
- Unknown = 2
- No Response= 119



Northern Palm Beach County		
33458, 33478, 33469, 33477, 33468	54	Jupiter
33408	6	North Palm Beach
Total:	60	

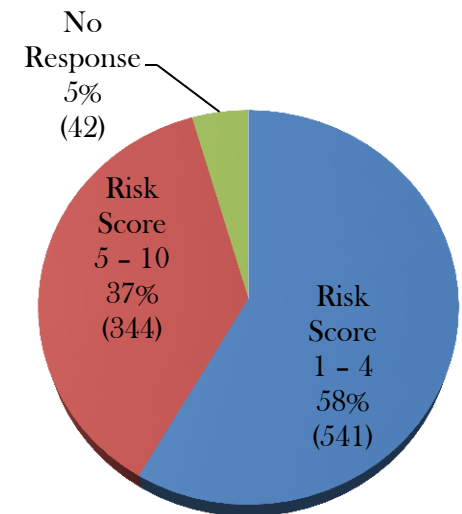
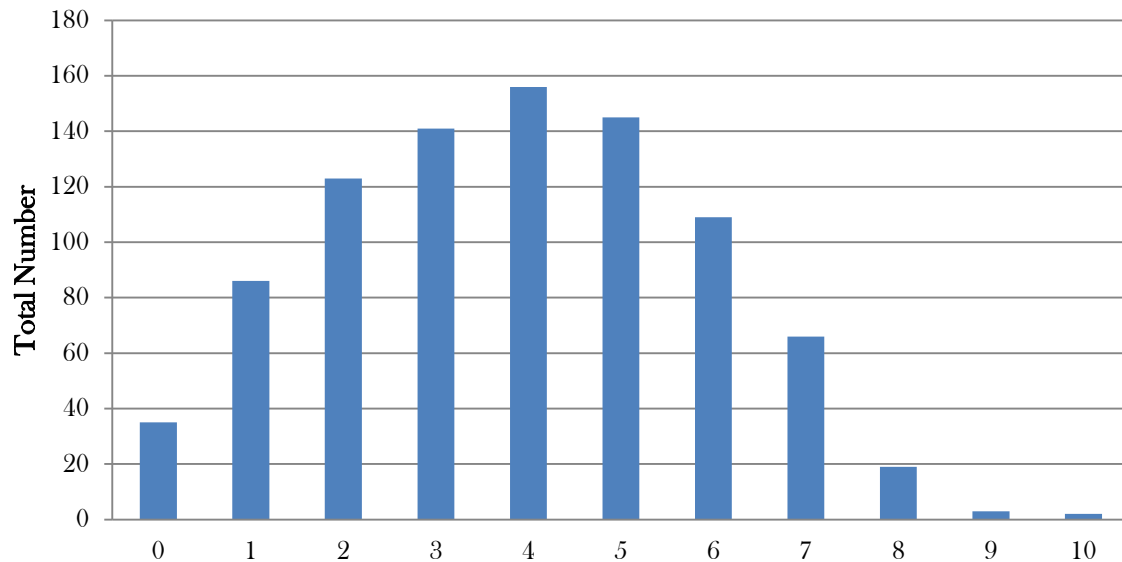
Eastern Palm Beach County		
33403	13	Lake Park
33404, 33419	26	Riviera Beach
33407, 33401, 33409, 33417, 33410, 33406, 33405, 33413, 33418, 33416	177	West Palm Beach
33415	40	Palm Springs
33463	41	Greenacres
33460, 33461, 33466, 33467	64	Lake Worth
Total:	361	

Southern Palm Beach County		
33462	10	Lantana
33435, 33436, 33437, 33472, 33426, 33473, 33425	77	Boynton Beach
33445, 33484, 33444, 33483, 33446	43	Delray Beach
33486, 33428, 33432, 33433, 33487, 33431, 33434, 33496, 33498, 33464	50	Boca Raton
Total:	180	

Western Palm Beach County		
33411	28	Western WPB/Royal PB
33414	11	Wellington
33430	82	Belle Glade
33476	15	Pahokee
33470	13	Loxahatchee
33493	4	South Bay
33438	1	Canal Point
Total:	154	

Risk Test Data Summary - Risk Scores

- N= 927
- *What is your score?*



Risk Test Data Summary - Risk Scores

Lowest Risk by Zip Code

Zip Code	City	0	1	2	3	4	Risk Assessment 0-4	Total Assessments	Percent
33445	Delray Beach	1	2	2	6	3	14	17	82%
33458	Jupiter	1	3	10	11	9	34	42	81%
33433	Boca Raton	1	3	3	4		11	15	73%
33417	West Palm Beach	1	3	4	2	3	13	19	68%
33415	Palm Springs	3	6	4	6	7	26	40	65%
33461	Lake Worth	1	5	6	5	5	22	34	65%
33463	Greenacres		1	3	11	11	26	41	63%
33409	West Palm Beach	1	2	2	3	3	11	18	61%
33460	Lake Worth		2		5	4	11	18	61%
33430	Belle Glade	1	7	11	13	13	45	82	55%

* Zip codes with at least 15 risk tests conducted.

Risk Test Data Summary Risk by Zip Code

Highest Risk

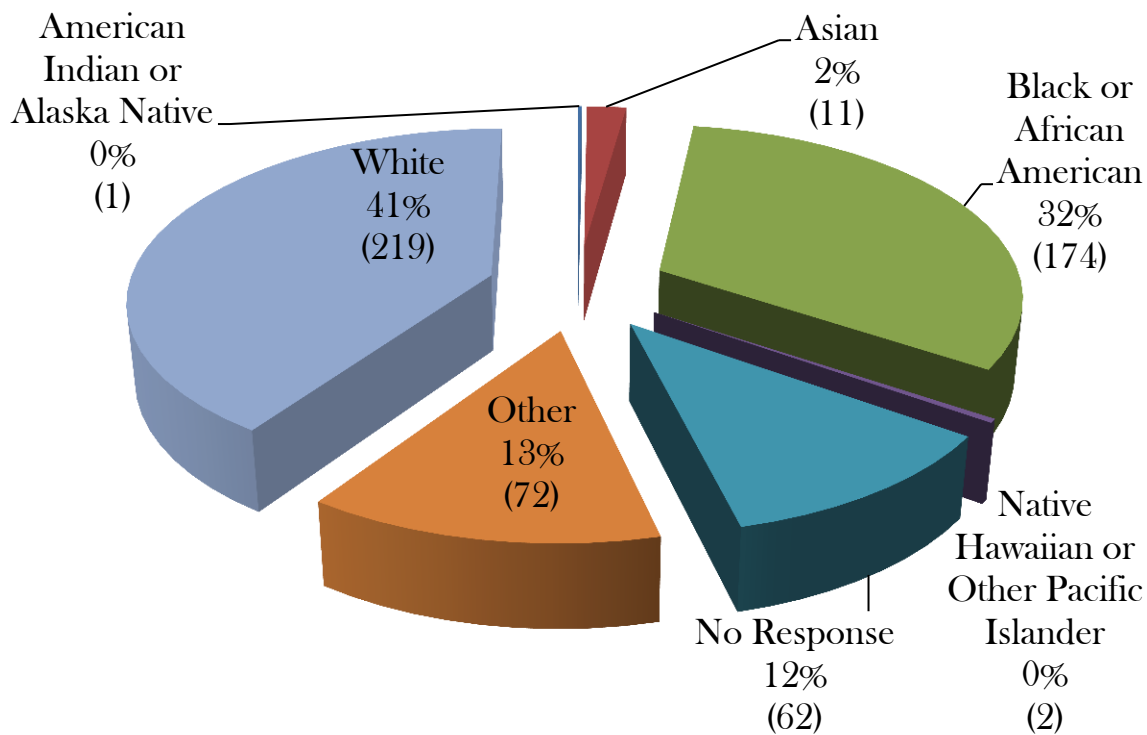
Zip Code	City	5	6	7	8	9	10	Risk Assessments 5-10	Total Assessment	Percent
33411	Western Palm Beach/ Royal Palm Beach	5	6	4				15	28	54%
33476	Pahokee	2	1	4	1			8	15	53%
33436	Boynton Beach	6	4	4			1	15	29	52%
33404	West Palm Beach/ Rivera Beach	3	6	1	2			12	24	50%
33430	Belle Glade	12	12	9	3	1		37	82	45%
33407	West Palm Beach	5	7	6	2			20	46	44%
33401	West Palm Beach	5	4	4	3	1		17	40	43%
33415	Palm Springs	9	2	1				12	40	30%
33463	Greenacres	5	4	1	1			11	41	27%
33461	Lake Worth	4	2	1	1			8	34	24%

* Zip codes with at least 15 risk tests conducted.

Risk Test Data Summary

Risk Scores 0 to 4 (low risk) by Race

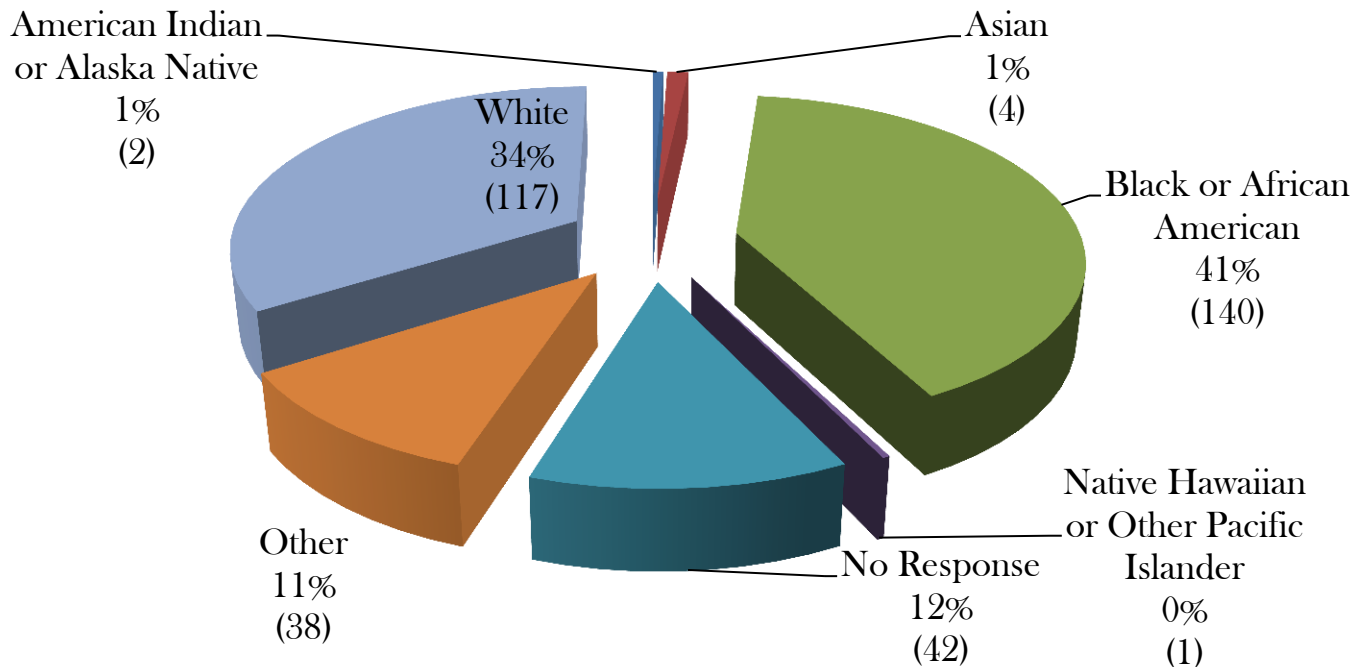
- N= 541
- *What race best describes you?*



Risk Test Data Summary

Risk Scores 5 to 10 (high risk) by Race

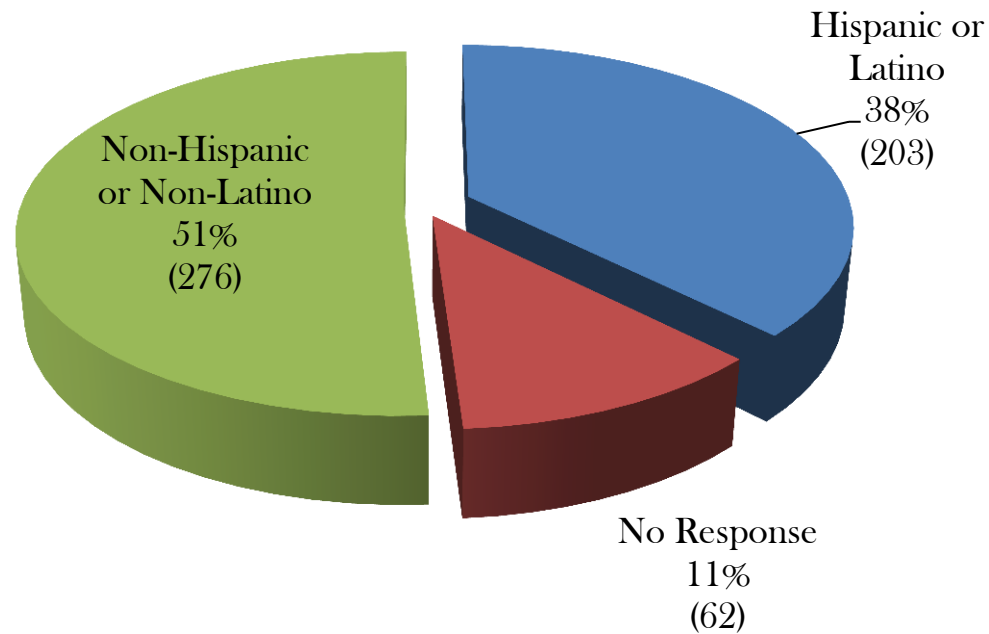
- N= 344
- *What race best describes you?*



Risk Test Data Summary

Risk Scores 0 to 4 (low risk) by Ethnicity

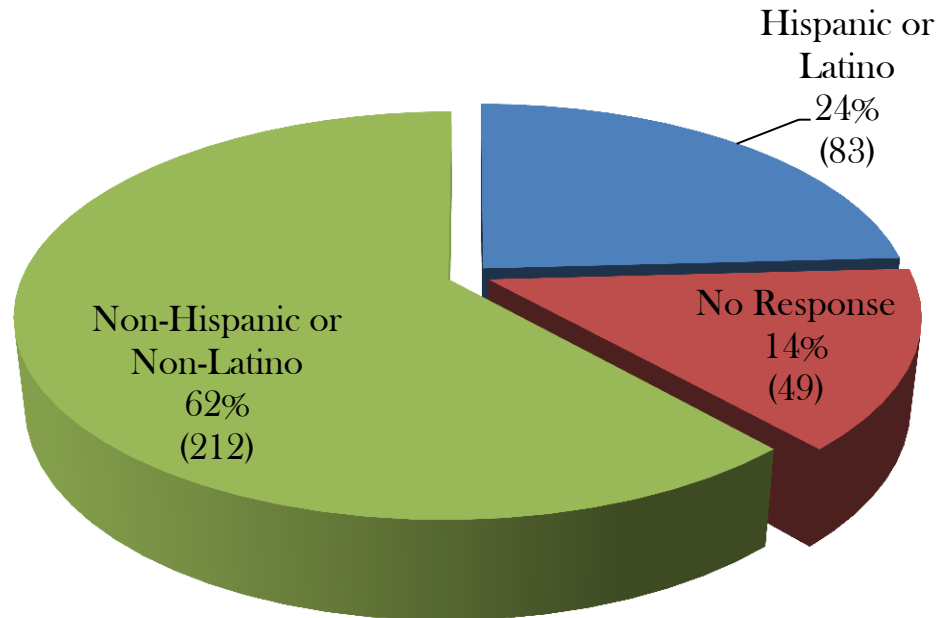
- N= 541
- *What ethnicity best describes you?*



Risk Test Data Summary

Risk Scores 5 to 10 (high risk) by Ethnicity

- N= 344
- *What ethnicity best describes you?*



Risk Test Data Summary

Risk Scores 0 to 4 (low risk) by Country of Birth

- N= 541
- *What is your country of birth?*

Country of Birth		
	Count	Percent
Brazil	2	0%
Canada	2	0%
Colombia	11	2%
Cuba	12	2%
Guatemala	41	8%
Haiti	74	14%
Honduras	11	2%
Jamaica	27	5%
Mexico	57	11%
No Response	43	8%
Other	58	11%
Peru	7	1%
United States of America (U.S.A.)	196	36%

Risk Test Data Summary

Risk Scores 5 to 10 (high risk) by Country of Birth

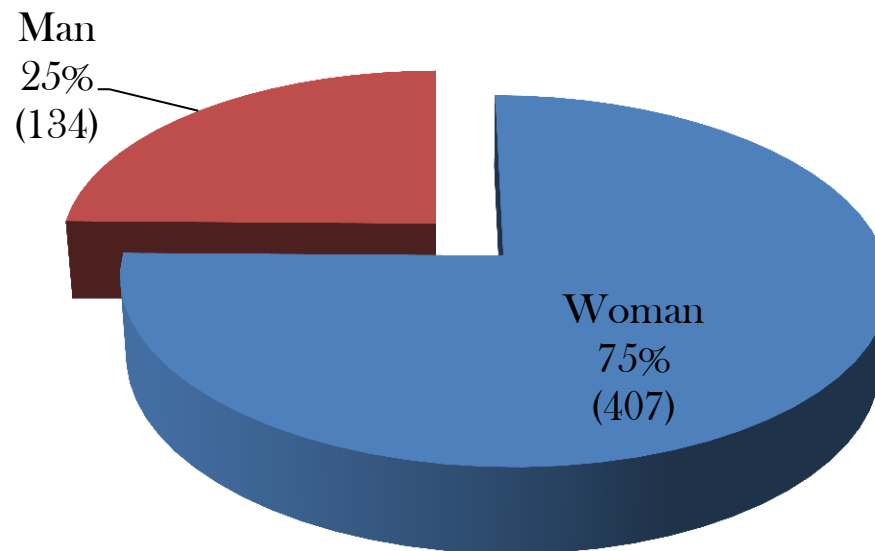
- N= 344
- *What is your country of birth?*

Country of Birth		
	Count	Percent
Canada	1	0%
Colombia	10	3%
Cuba	7	2%
Guatemala	7	2%
Haiti	43	13%
Honduras	3	1%
Jamaica	13	4%
Mexico	13	4%
No Response	36	10%
Other	42	12%
Peru	5	1%
United States of America (U.S.A.)	164	48%

Risk Test Data Summary

Risk Scores 0 to 4 (low risk) by Gender

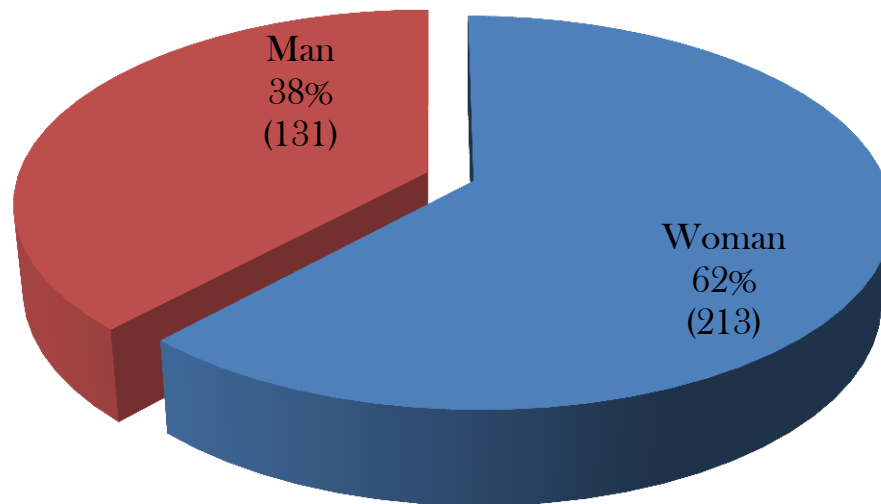
- N= 541
- *Are you a man or a woman?*



Risk Test Data Summary

Risk Scores 5 to 10 (high risk) by Gender

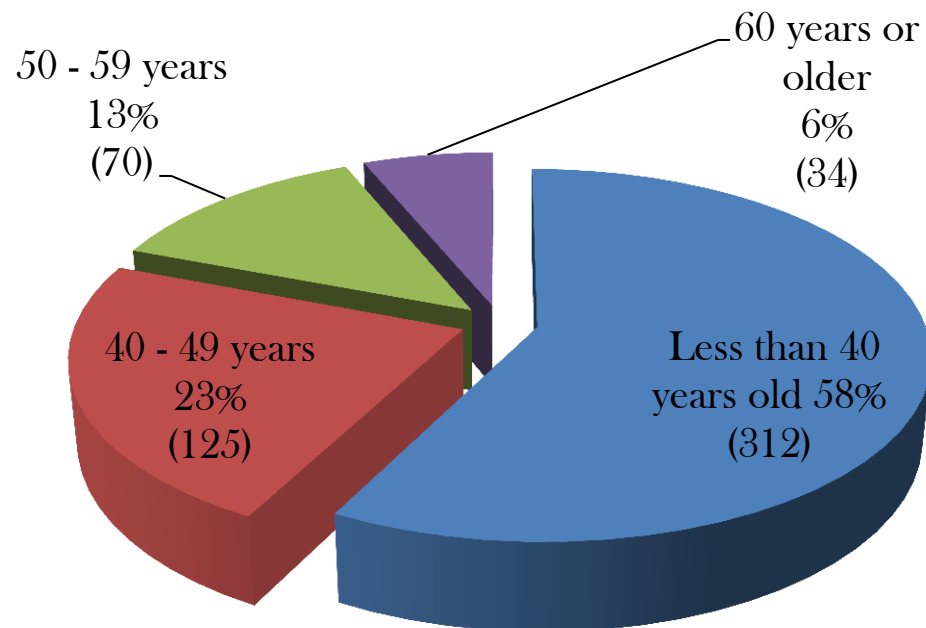
- N= 344
- *Are you a man or a woman?*



Risk Test Data Summary

Risk Scores 0 to 4 (low risk) by Age

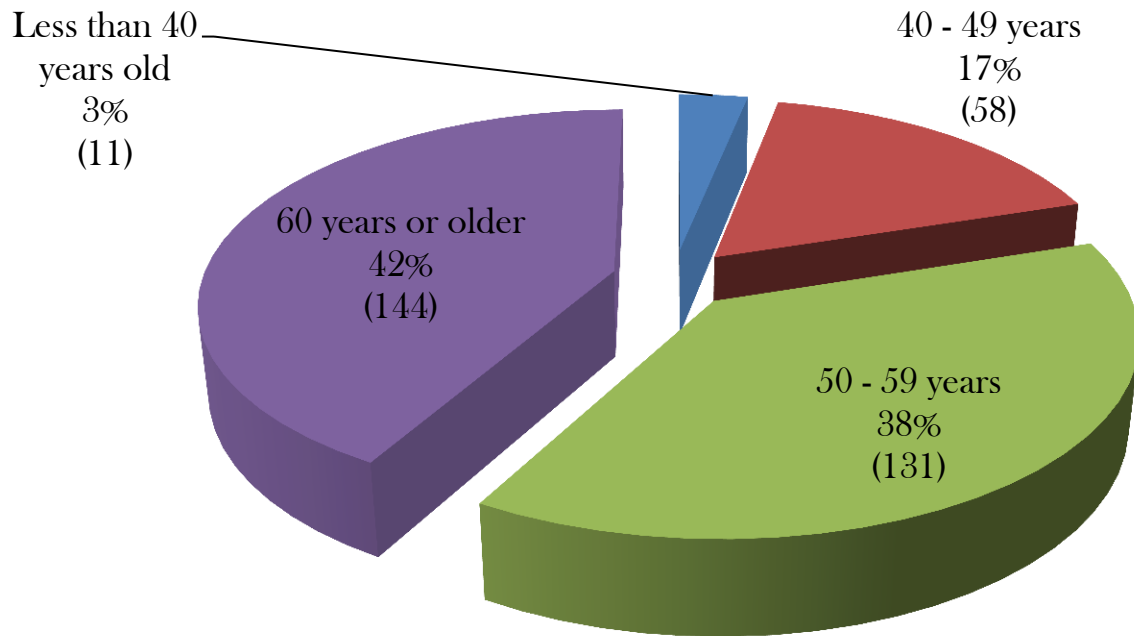
- N= 541
- *How old are you?*



Risk Test Data Summary

Risk Scores 5 to 10 (high risk) by Age

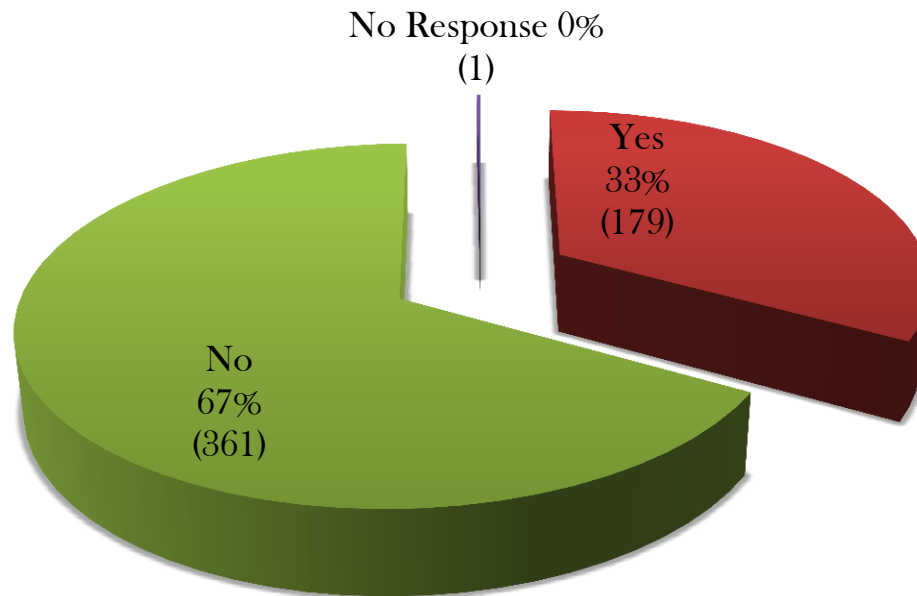
- N= 344
- *How old are you?*



Risk Test Data Summary

Risk Scores 0 to 4 (low risk) by Family History

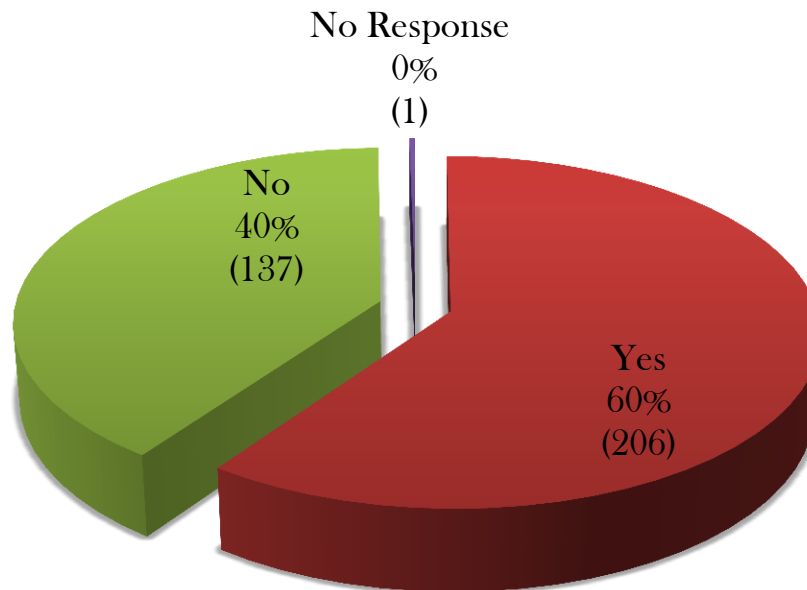
- N= 541
- *Do you have a mother, father, sister, or brother with diabetes?*



Risk Test Data Summary

Risk Scores 5 to 10 (high risk) by Family History

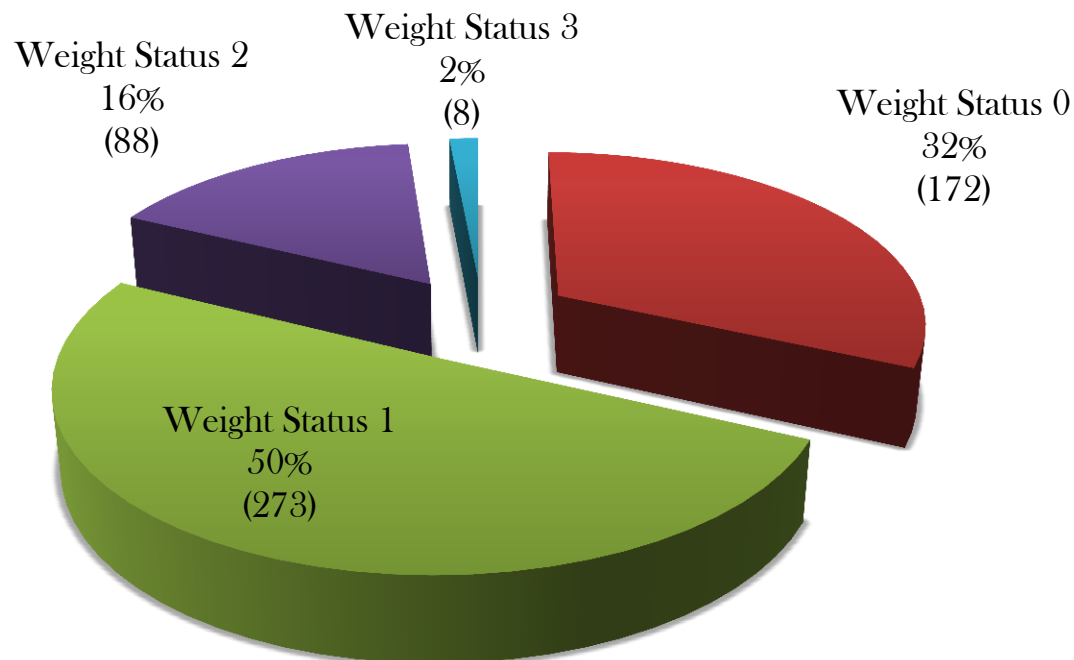
- N= 344
- *Do you have a mother, father, sister, or brother with diabetes?*



Risk Test Data Summary

Risk Scores 0 to 4 (low risk) by Weight

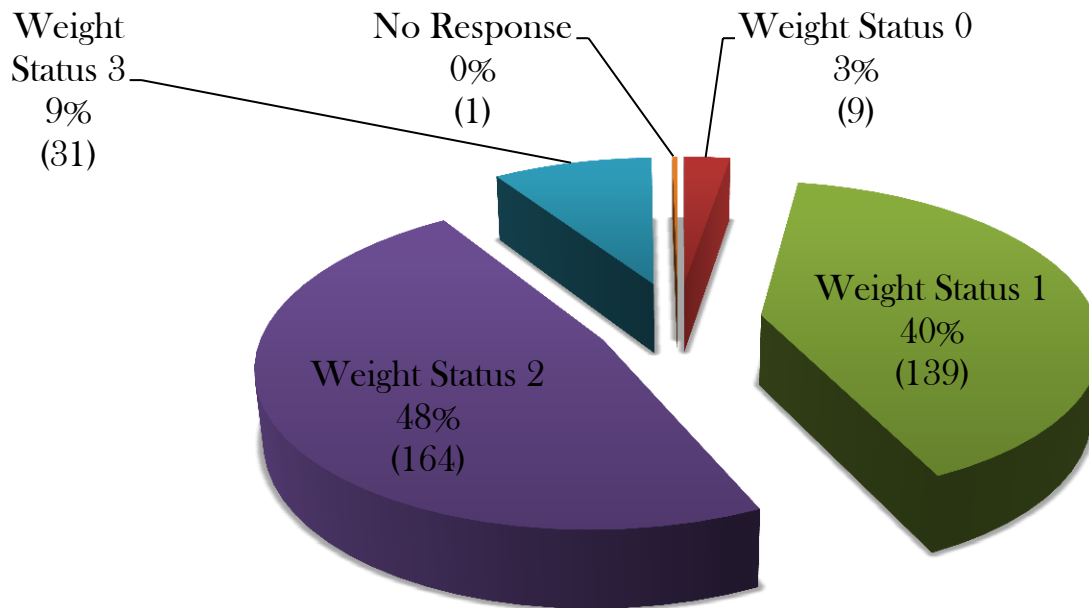
- N= 541
- *What is your weight status?*



Risk Test Data Summary

Risk Scores 5 to 10 (high risk) by Weight

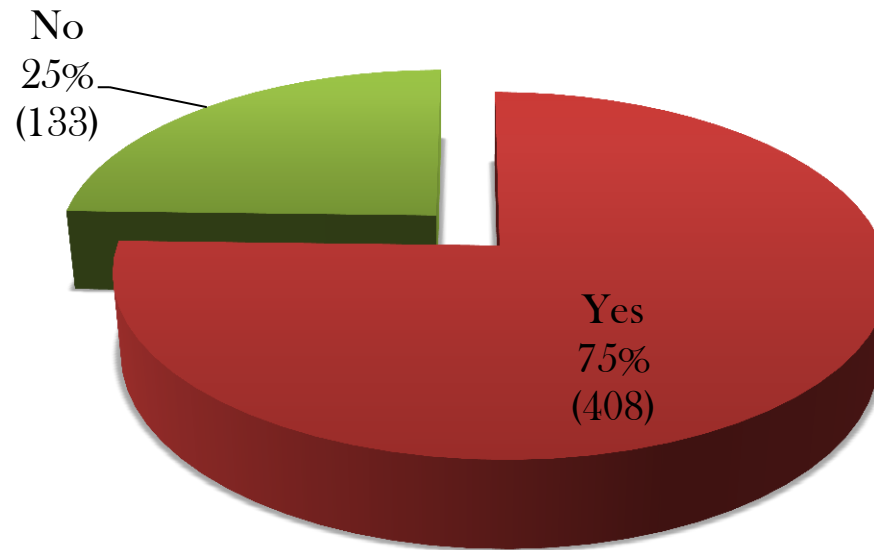
- N= 344
- What is your weight status?



Risk Test Data Summary

Risk Scores 0 to 4 (low risk) by Physical Activity

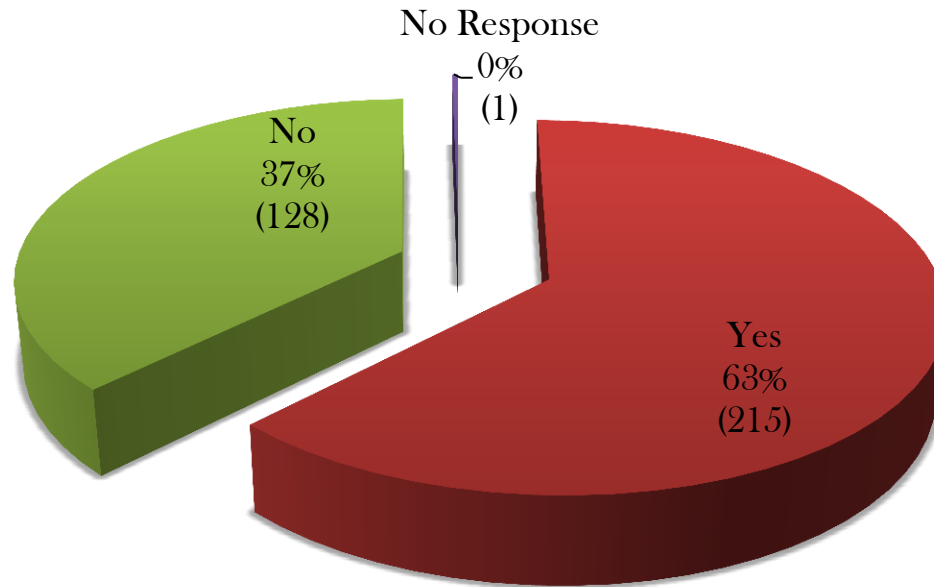
- N= 541
- *Are you physically active?*



Risk Test Data Summary

Risk Scores 5 to 10 (high risk) by Physical Activity

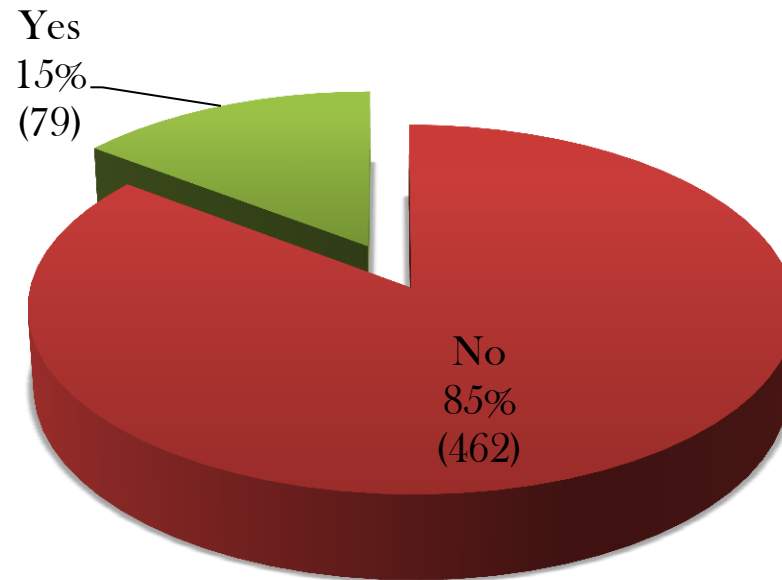
- N= 344
- Are you physically active?



Risk Test Data Summary

Risk Scores 0 to 4 (low risk) by Blood Pressure

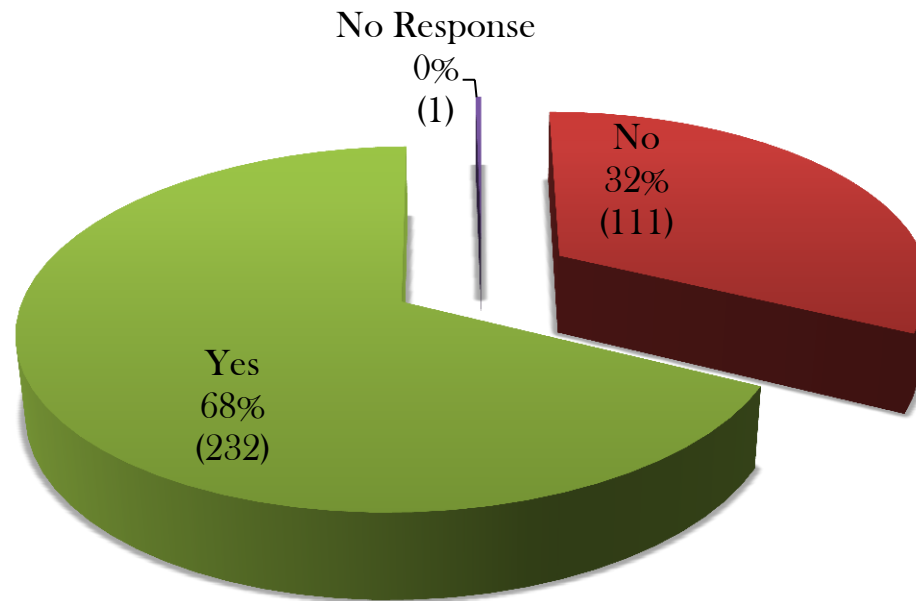
- N= 541
- *Have you ever been diagnosed with high blood pressure?*



Risk Test Data Summary

Risk Scores 5 to 10 (high risk) by Blood Pressure

- N= 344
- Have you ever been diagnosed with high blood pressure?





Summary of Findings

- Higher risk found among the Black or African American population
- Among those surveyed, higher risk participants were overweight (Weight Status 2)
- Higher risk survey participants were among the older age groups (50-59 years old & 60 years or older)
- Among participants in the higher risk category the majority had a family history of diabetes
- Higher risk participants were also diagnosed with high blood pressure



Recommendations

- Consider increasing the number of diabetes screening in communities with predominately Black or African American population, and communities with older age groups (50 years or older)
- Increase screening in communities with a higher rate of overweight/obese populations and communities where members suffer with cardiovascular diseases/hypertension.

References

- Center for Disease Control & Prevention. 2010. *Pregnancy: Gestational Diabetes and Pregnancy*.
 - Retrieved from: www.cdc.gov/pregnancy/diabetes-gestational.html
- Center for Disease Control & Prevention. 2014. *Diabetes Public Health Resource: Basics About Diabetes*.
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Thank You!