RASHMI P DESHPANDE

# SAMPLE WORK – MICROSOFT POWER BI

# DIAGNOSED DIABETES IN ADULTS –

# % BY STATE

National Diabetes Statistics Report 2017, Centers for Disease Control and Prevention

CDC

Most Current (Year 2015) numbers - Adults with Diabetes

More 30 Million** people have diabetes in the U.S.
** Out of that 23.1 million are Diagnosed whereas 7.2 million are Undiagnosed.

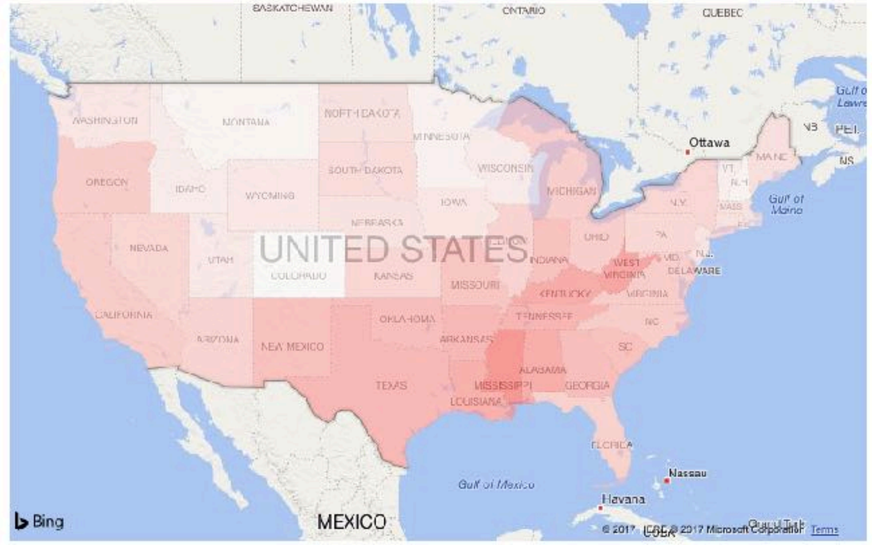
9.4% of the U.S. Population
MOST CURRENT (YEAR 2015)

# Most estimates are likely to be more characteristic of TYPE 2 diabetes.
# About 5% of people with diabetes are estimated to have TYPE 1 diabetes.

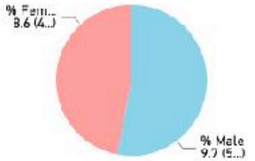
Gender, Age, and Diagnosed Diabetes Percentages in the U.S. - Year 2015

# Male population slightly higher than Female population.
# As the age increases the percentage increases (>23% among 65 and older)
# South and South-western states have more cases of diabetes
# Highest in Kentucky, Mississippi, & West Virginia (all >12% population)

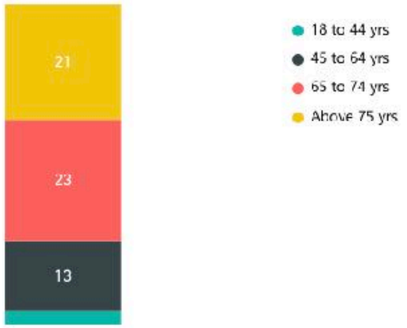
2015 Diagnosed Diabetes in Adults - Percentages by State




2015 All State Median Percentages



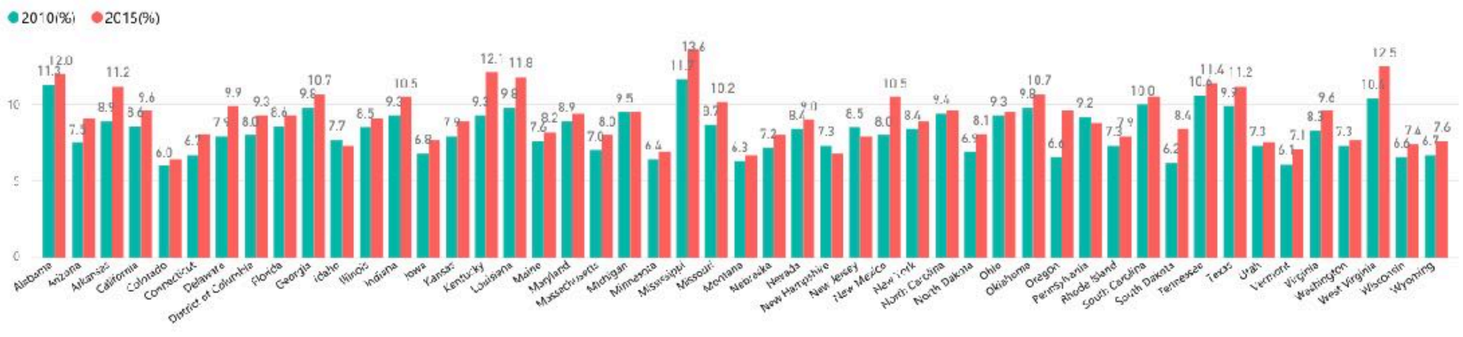

2015 All State Median Percentages by Age



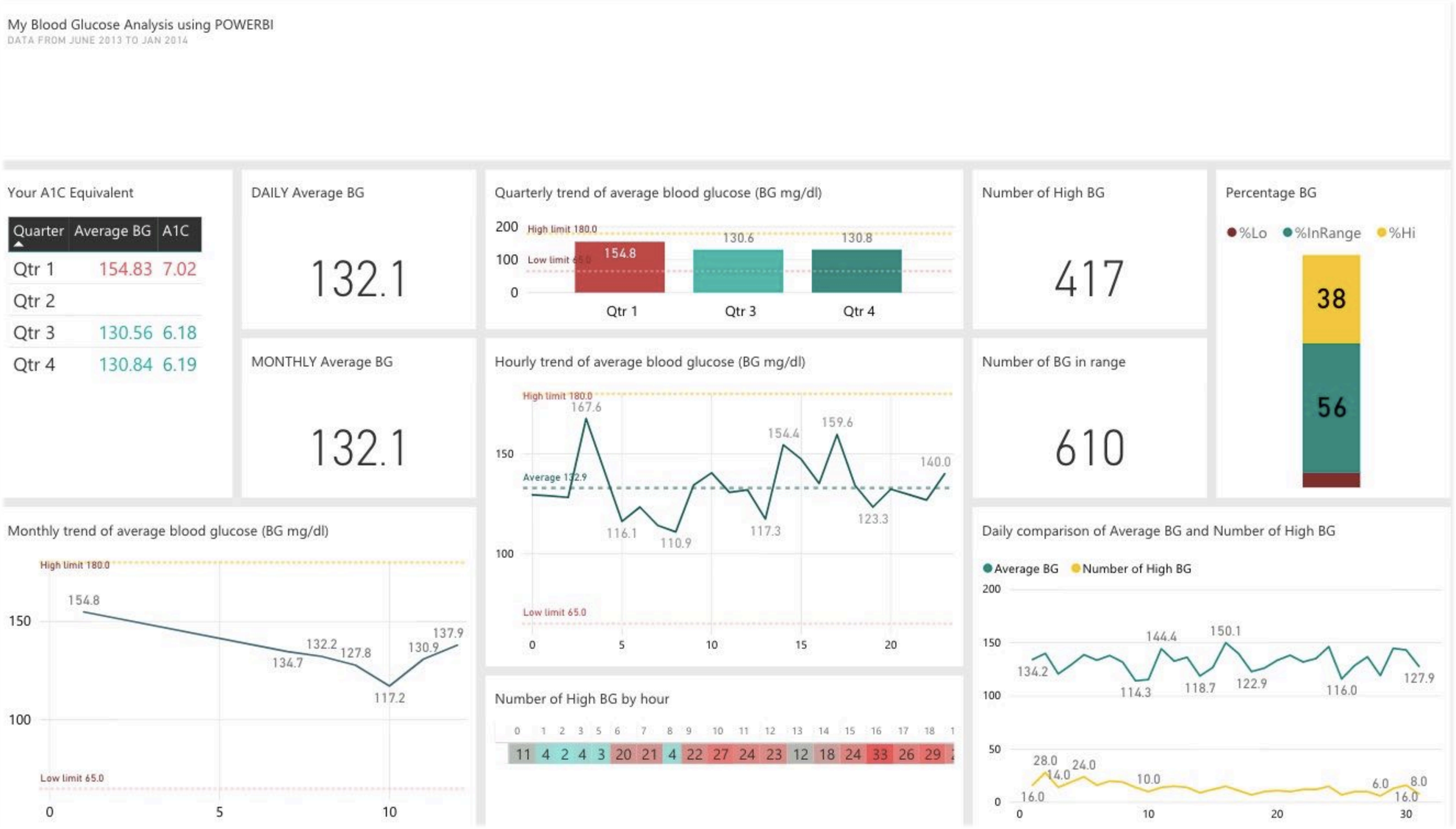

Year 2010 vs 2015 comparison

# Kentucky & Oregon ~3% increase
# Arkansas, Delaware, Louisiana, Mississippi, New Mexico, South Dakota, and West Virginia ~2% increase
# Idaho, New Hampshire, New Jersey and Pennsylvania show slight decrease

Diagnosed Diabetes in Adults - 2010 vs 2015 - Each U.S. State



# BLOOD GLUCOSE ANALYSIS

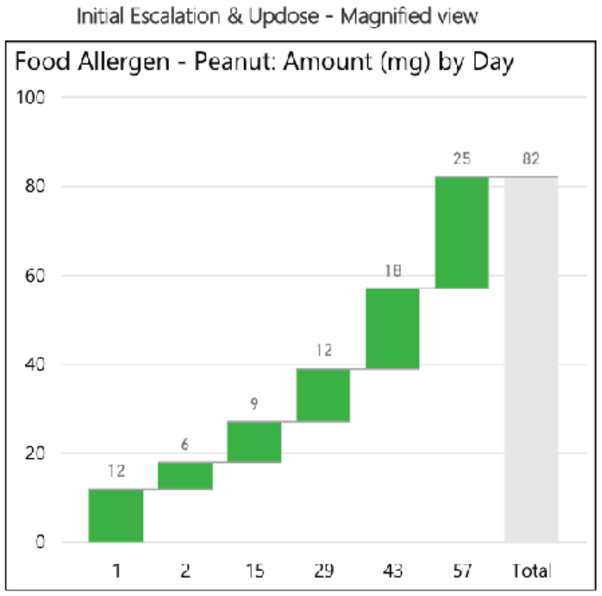


# INSULIN PUMP DATA ANALYSIS

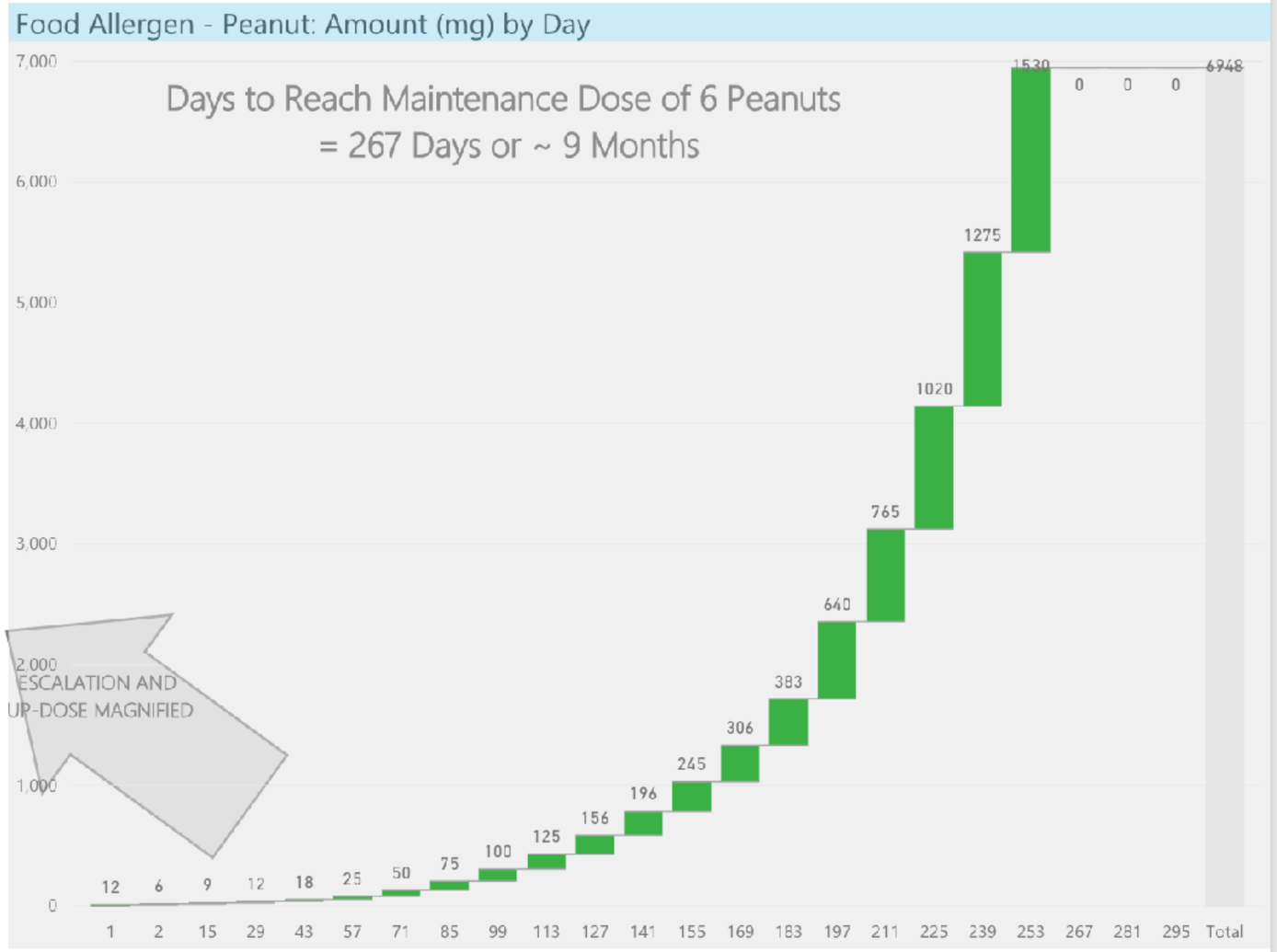
# PEANUT ORAL IMMUNOTHERAPY VISUALIZATION - MICROSOFT POWER BI

## STANDARD PROTOCOL

Oral Immunotherapy (OIT)
Standard Protocol
Food Allergen - Peanut



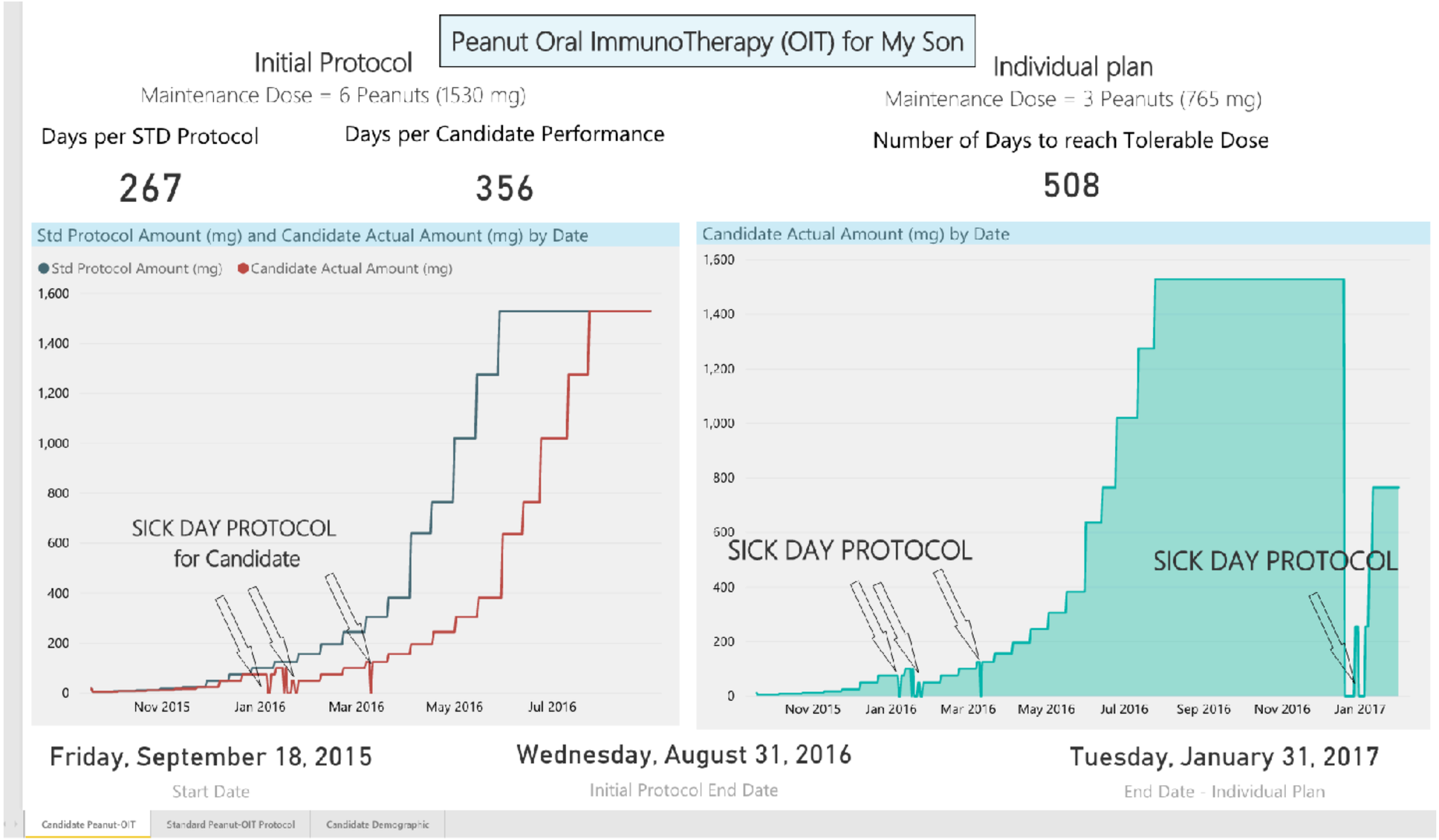

INITIAL ESCALATION (DAY 1) AND
SLOW UP-DOSE (Bi-WEEKLY FOR ~2 MONTHS)




INITIAL ESCALATION
DAY 1

UP-DOSE (BI-WEEKLY)
SLOW AT FIRST AND RAPID INCREASE TOWARDS END

MAINTENANCE DOSE
CONTINUES FOR LIFE

Candidate Peanut-OIT | Standard Peanut-OIT Protocol | Candidate Demographic

# CANDIDATE INDIVIDUAL PERFORMANCE