



RESULTS & FINDINGS :

SUMMARY - PRECONDITION & DISEASE

SAMPLE SIZE: 155 (68 MEN, 89 WOMEN) WITH BLOOD SAMPLE
176 (75 MEN, 101 WOMEN) OVERALL

AMERICAN ASSOCIATION OF PHYSICIANS OF INDIAN ORIGIN

A RURAL HEALTH
CARE INITIATIVE



**DR ANUPAMA
GOTIMUKULA, MD**
AAPI PRESIDENT



**DR SATEESH
KATHULA, MD**
CHAIR, ADOPT A
VILLAGE PROGRAM

HEALTH REPORT

ADOPT A VILLAGE PROGRAM

VILLAGE - BUDDHARAM

AAPI CHAMPIONS

(SPONSORS)

Dr. ABATIPELLI
SAROJINI RAO



THE PROJECT

The villagers were screened for the following health parameters::

- Height
- Weight
- BMI
- HBA1C
- Blood pressure
- Temperature
- Pulse Oximetry
- Serum Creatinine
- Lipid Profile
- CBC

SERVICE PARTNER:



GLOBAL TELE CLINICS

GLOBAL TELE CLINICS CHAMPION
Dr. MURTHY GOKULA, MD

DELIVERY ADVISORY:

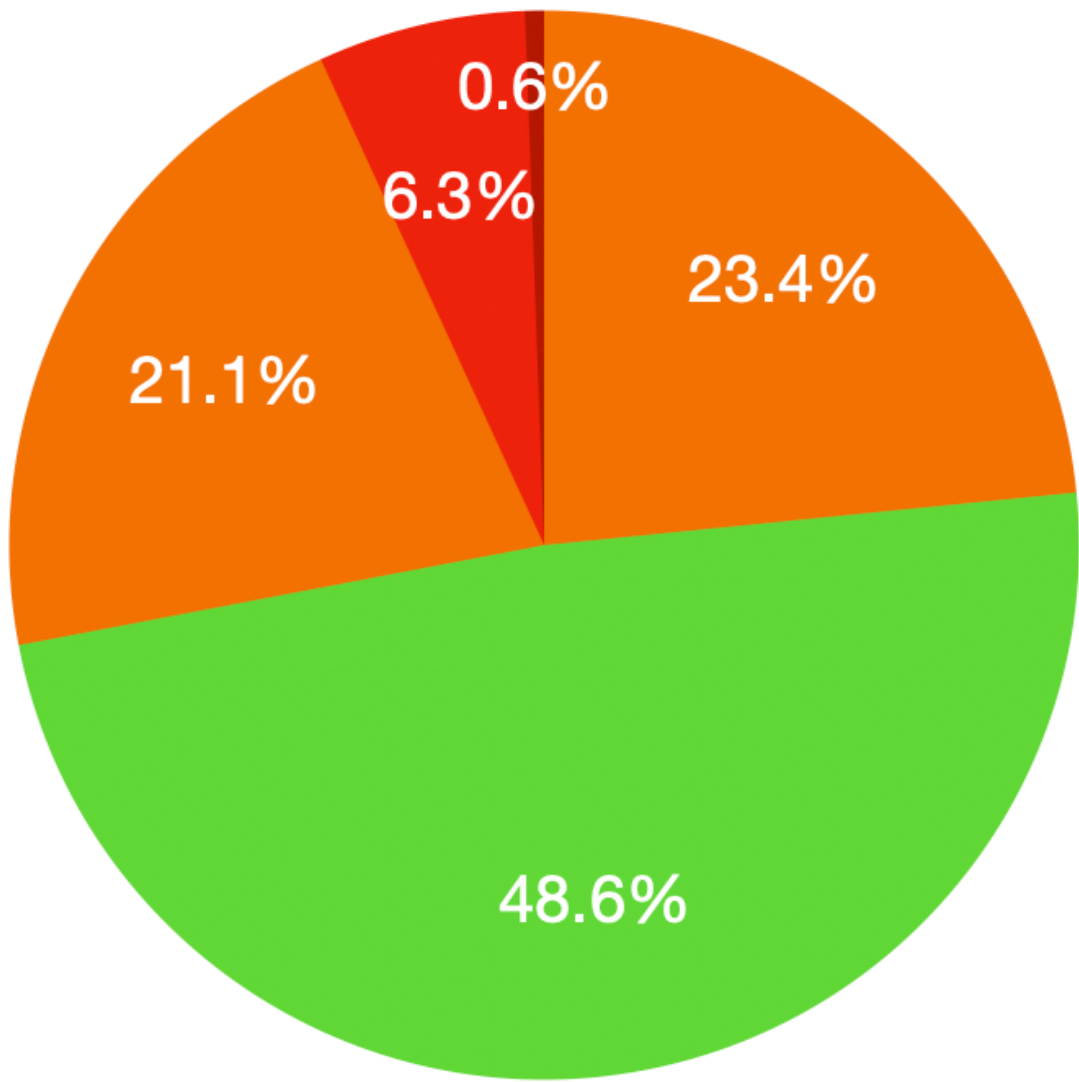
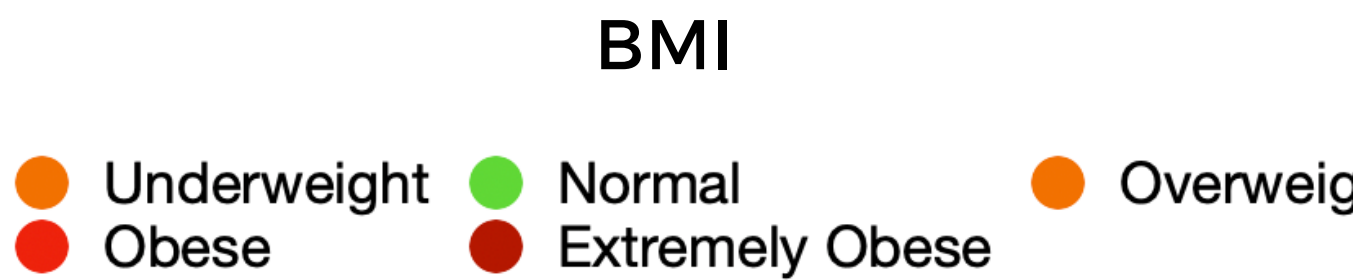
SURENDER R
+91 9866551131

PROJECT MANAGER:

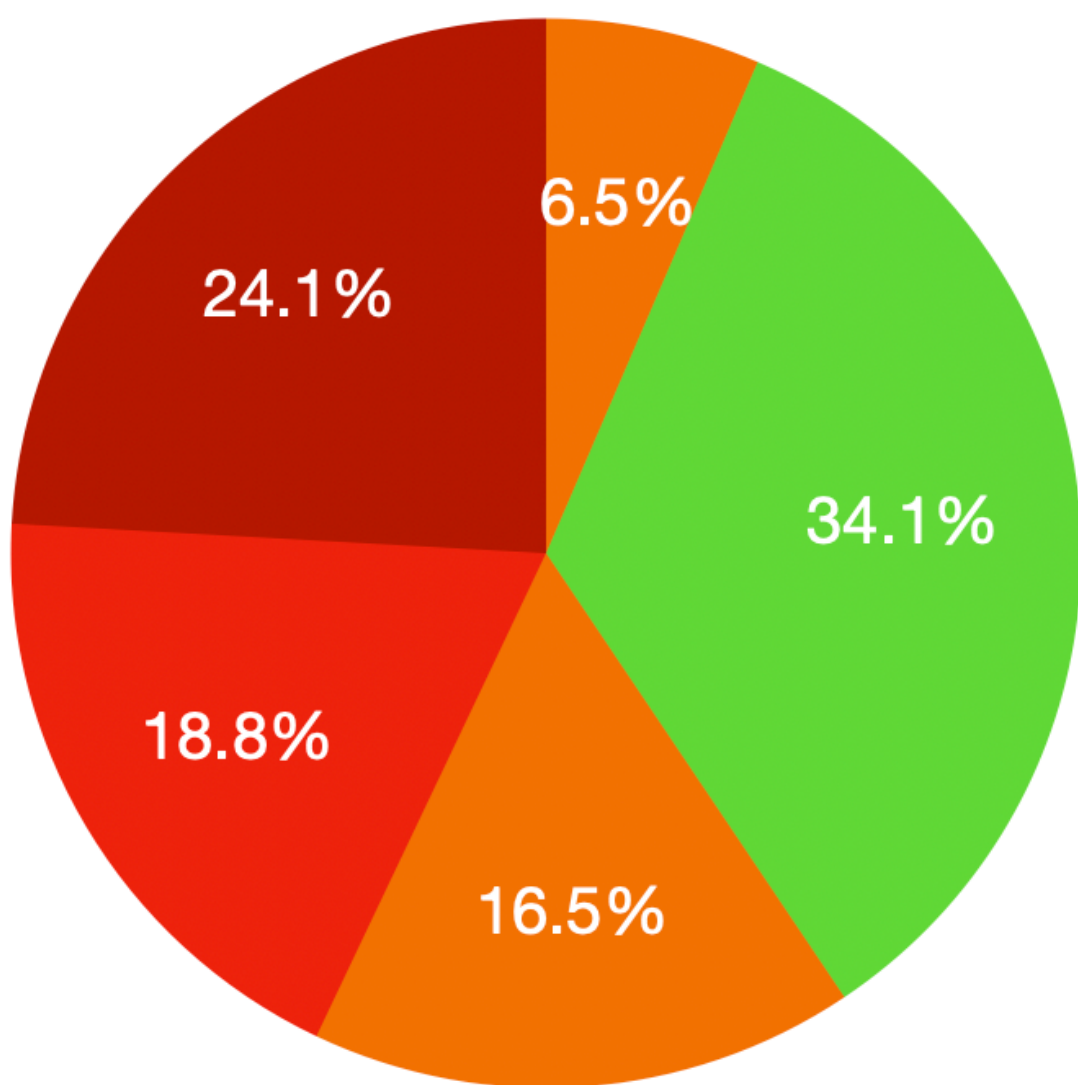
LAXMA REDDY GUNUKULA

REPORT CREATED BY:

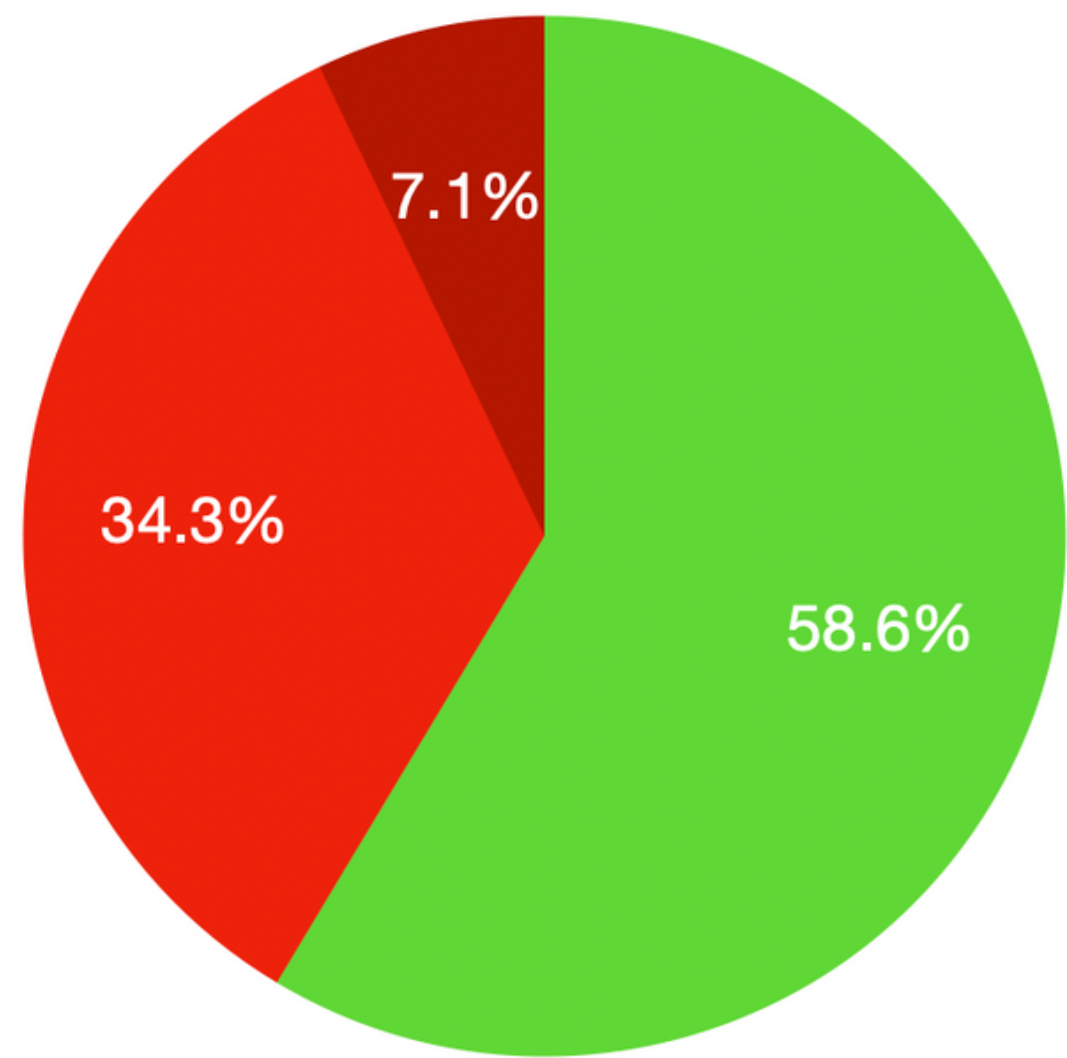
ROHITH K HEBBAR - CONSULTANT



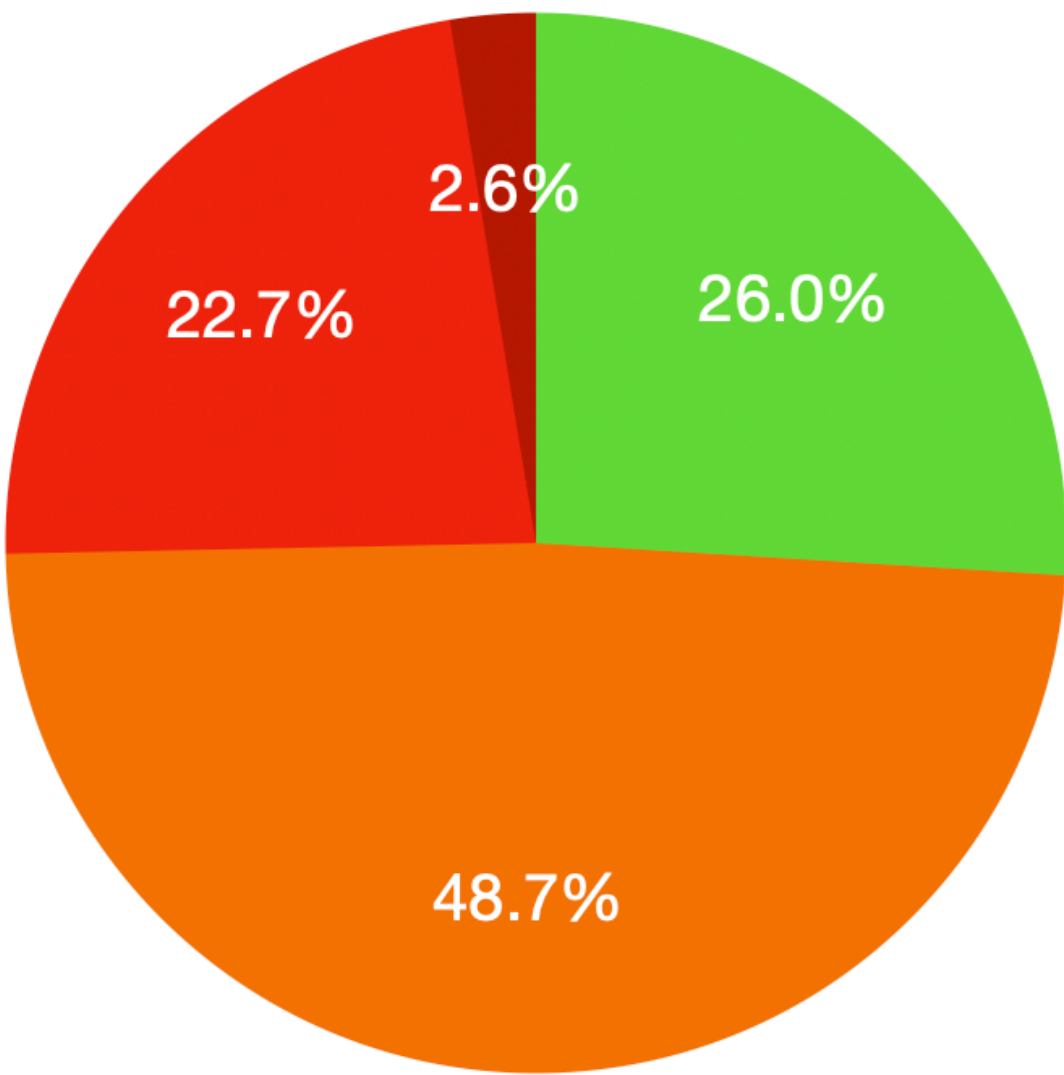
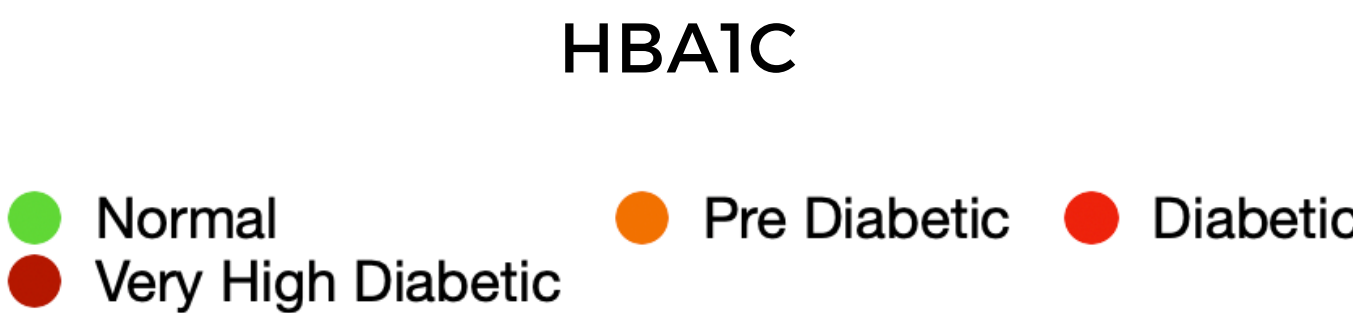
48.6 % OF THE SAMPLE HAVE NORMAL BMI
44.5% OF THE SAMPLE HAVE PRECONDITION
6.9% OF THE SAMPLE HAVE DISEASE



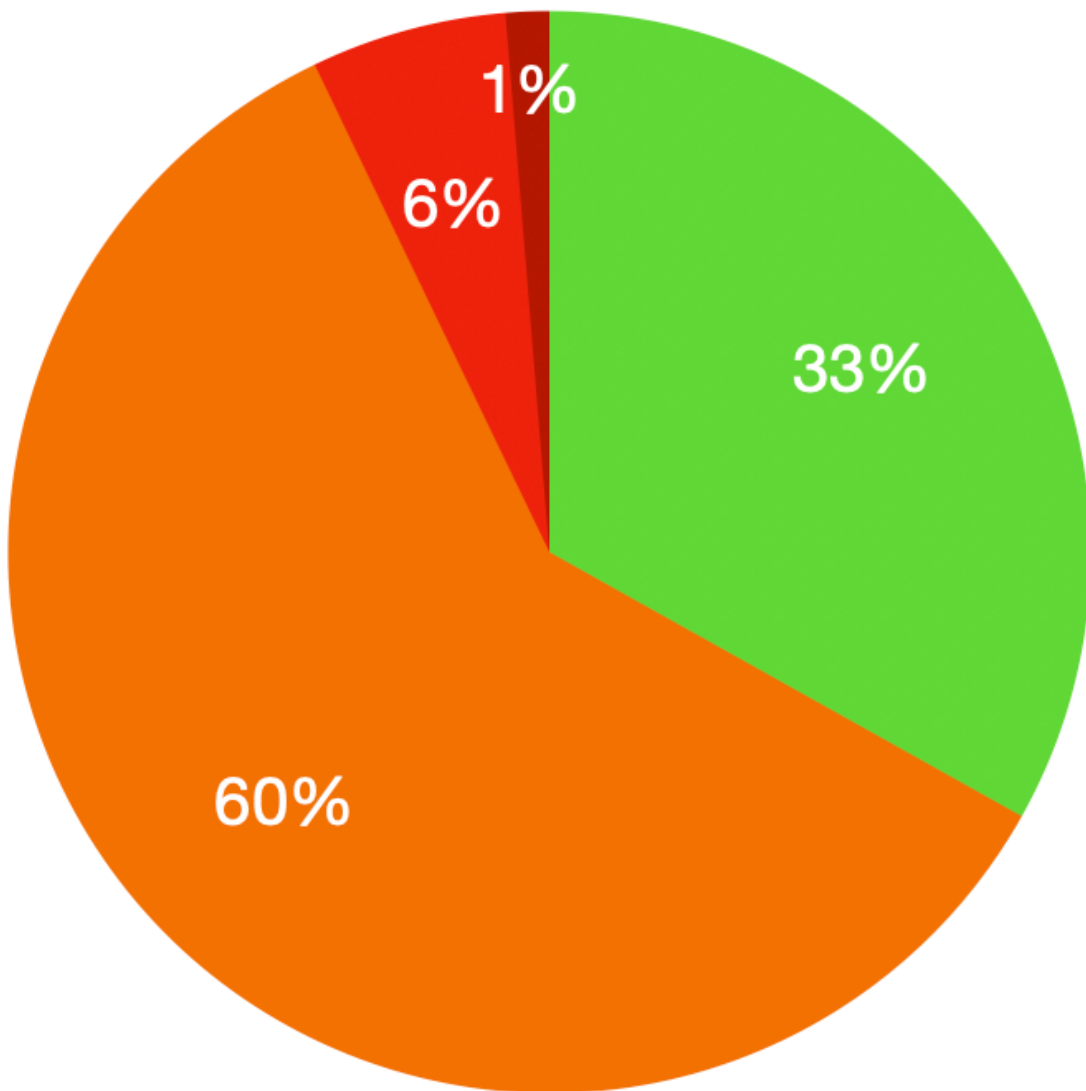
34.1% OF THE SAMPLE HAVE NORMAL BLOOD PRESSURE
23% OF THE SAMPLE HAVE PRECONDITION
42.9% OF THE SAMPLE HAVE DISEASE



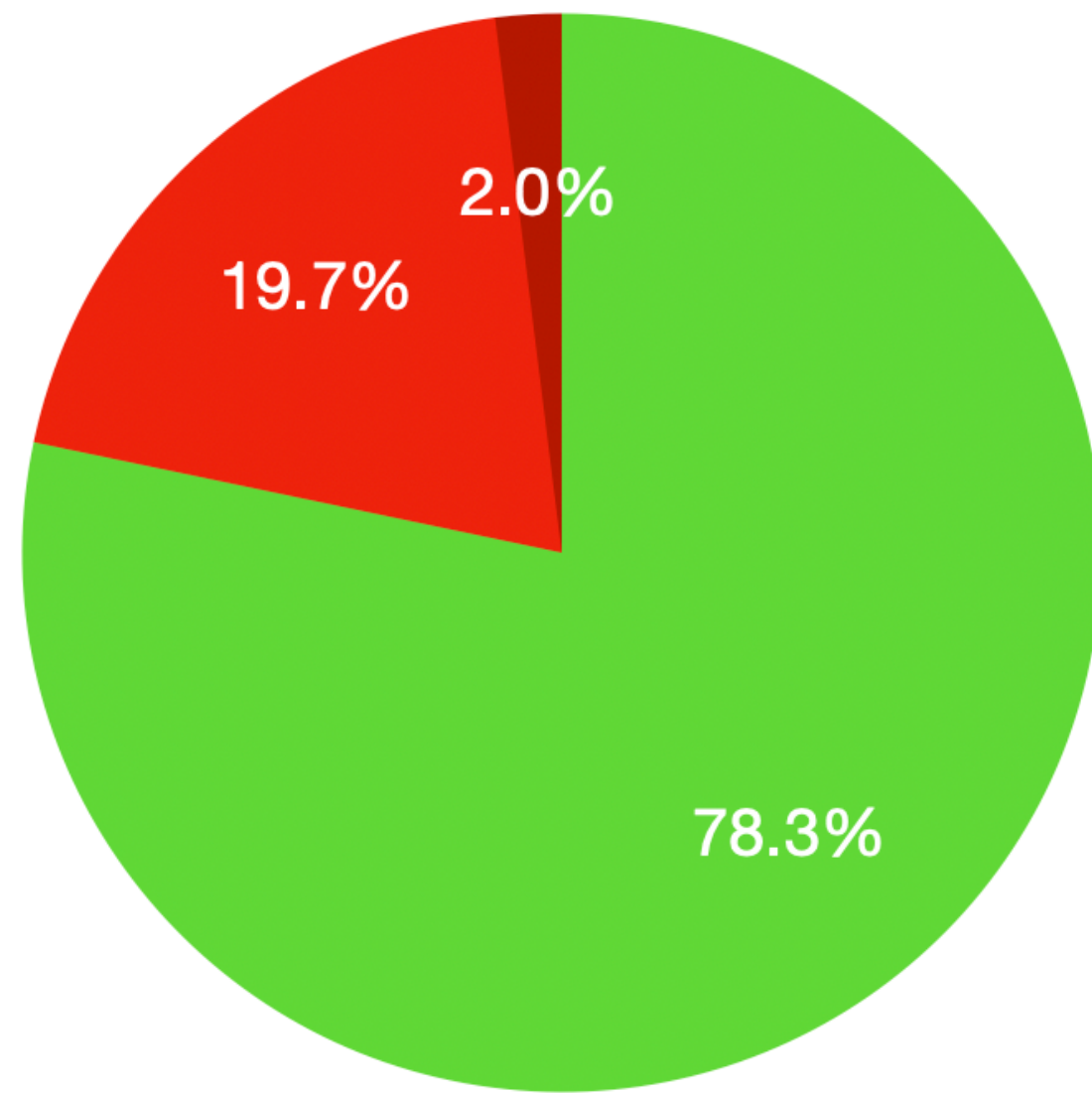
58.6% OF THE SAMPLE HAVE NORMAL PULSE RATE
41.4% OF THE SAMPLE MAY HAVE HEART DISEASE



26 % OF THE SAMPLE HAVE NORMAL HBA1C
48.7% OF THE SAMPLE IS PRE DIABETIC
25.3% OF THE SAMPLE IS DIABETIC



33% OF THE SAMPLE HAVE NORMAL MEAN PLASMA
60% OF THE SAMPLE HAVE PRE CONDITION
7% OF THE SAMPLE HAVE DISEASE



76.3% OF THE SAMPLE HAVE NO KIDNEY DISEASE
21.7% OF THE SAMPLE HAVE KIDNEY DISEASE

CHARTS

| BMI | |
|-------------------|-------------|
| Condition/ Levels | Values |
| Underweight | < 18.5 |
| Normal | 18.5 - 24.9 |
| Overweight | 25 - 29.9 |
| Obese | 30 - 34.9 |
| Extremely Obese | 35 < |

| Blood Pressure | |
|---------------------|----------------|
| Condition/ Levels | Values (mm Hg) |
| Normal | Less than 120 |
| Elevated | 120-129 |
| Hypertension Stage1 | 130-139 |
| Hypertension Stage2 | 140 and higher |

| Pulse Rate BPM | |
|-------------------|----------------|
| Condition/ Levels | Values (BPM) |
| Normal | Less than 90 |
| High | 90-110 |
| Very High | 110-130 |
| Severe | 140 and higher |

| HBA1C | |
|--------------------|---------------|
| Condition/ Levels | Values (%) |
| Normal | 5.5 and Below |
| Pre Diabetic | 5.6 - 6.4 |
| Diabetic | 6.5 - 9 |
| Very High Diabetic | 10 and Above |

| Mean Plasma Blood Glucose | |
|---------------------------|----------------|
| Condition/ Levels | Values (mg/dL) |
| Normal | 80-115 |
| Elevated | 115 - 200 |
| High | 200 and Above |

| Serum Creatinine | |
|-------------------|---|
| Condition/ Levels | Values |
| Normal | 0.5 - 1.1 for Women 0.6 to 1.2 for Men |
| High | 1. 1 and above for Women 1.2 and above for Men |
| Very High | 1.6 and above |



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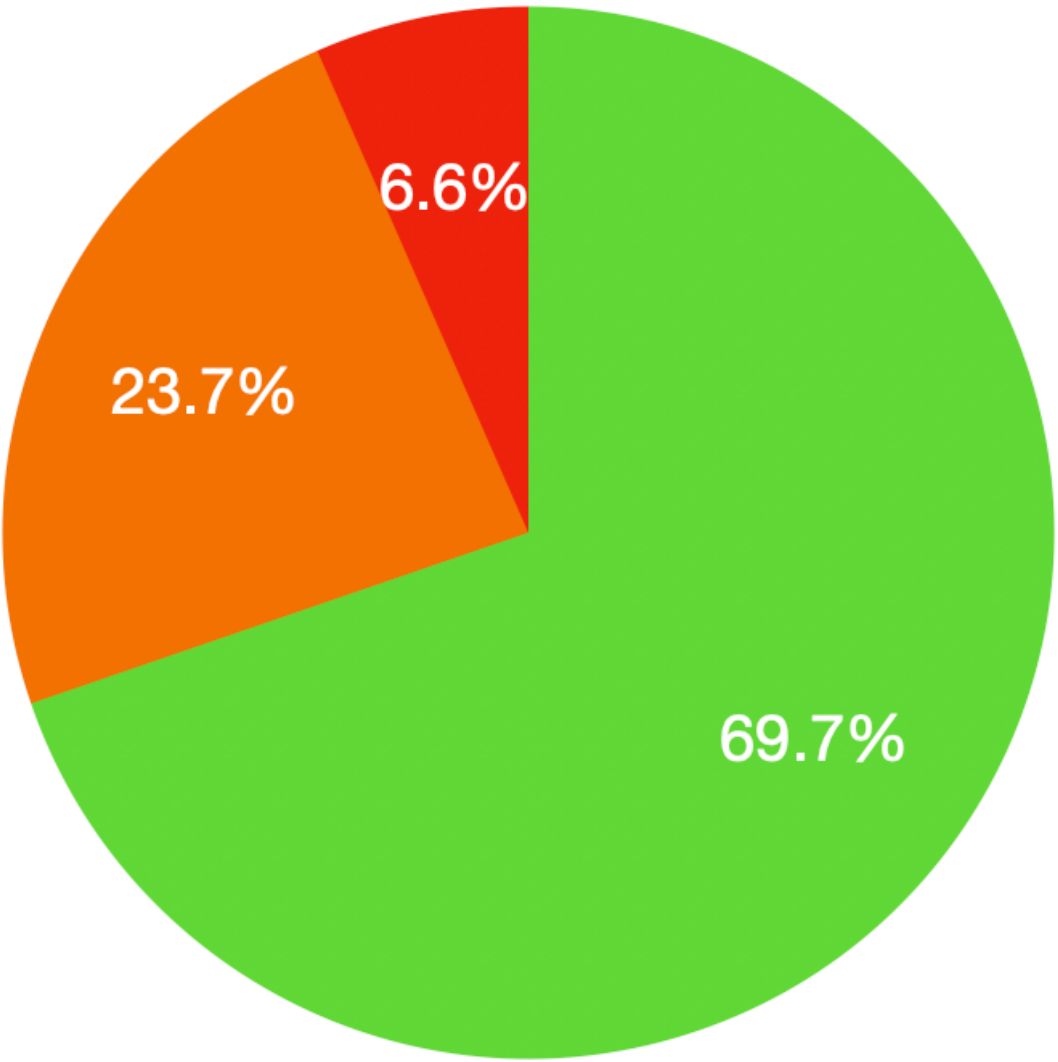
HOTSPOT RED ZONE

BUDDHARAM VILLAGE FALLS UNDER RED ZONE - HOTSPOT - 40% OR MORE HAVE HIGH BLOOD PRESSURE, HIGH PULSE RATE. 30% OR MORE HAVE HIGH TRIGLYCERIDES, PRE DIABETES, DIABETES, KIDNEY DISEASE.

CONTINUED SUPPORT ON PRIMARY CARE IS REQUIRED FOR IMPROVING OVERALL HEALTH CONDITION OF THE VILLAGE.

TOTAL CHOLESTEROL

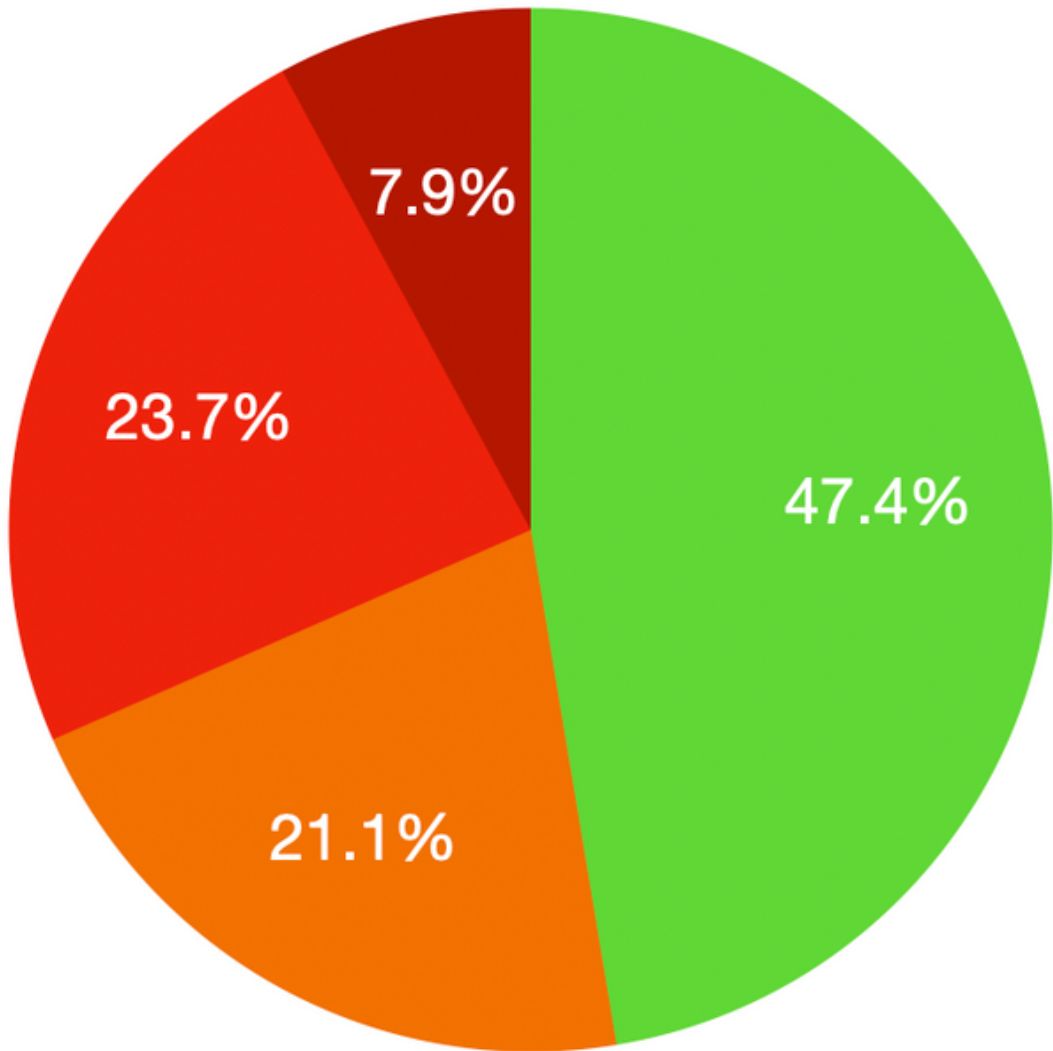
● Normal ● Borderline High ● High



69.7% OF THE SAMPLE HAVE NORMAL TOTAL CHOLESTEROL
23.7% OF THE SAMPLE HAVE PRE CONDITION
6.6% OF THE SAMPLE HAVE DISEASE

TRIGLYCERIDES

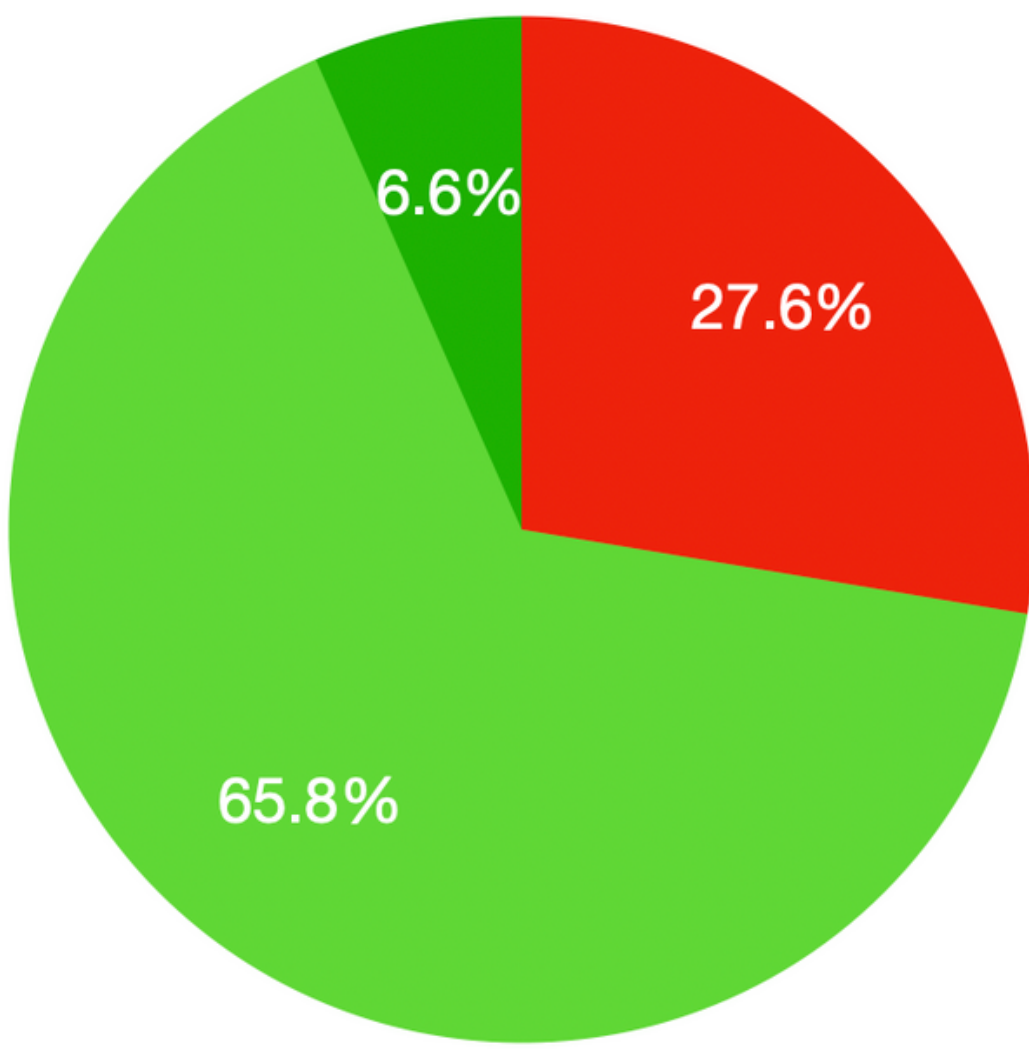
● Normal ● Borderline High ● High ● Very High



47.4% OF THE SAMPLE HAVE NORMAL TRIGLYCERIDES
21.1% OF THE SAMPLE HAVE PRE CONDITION
31.6% OF THE SAMPLE HAVE DISEASE

HDL

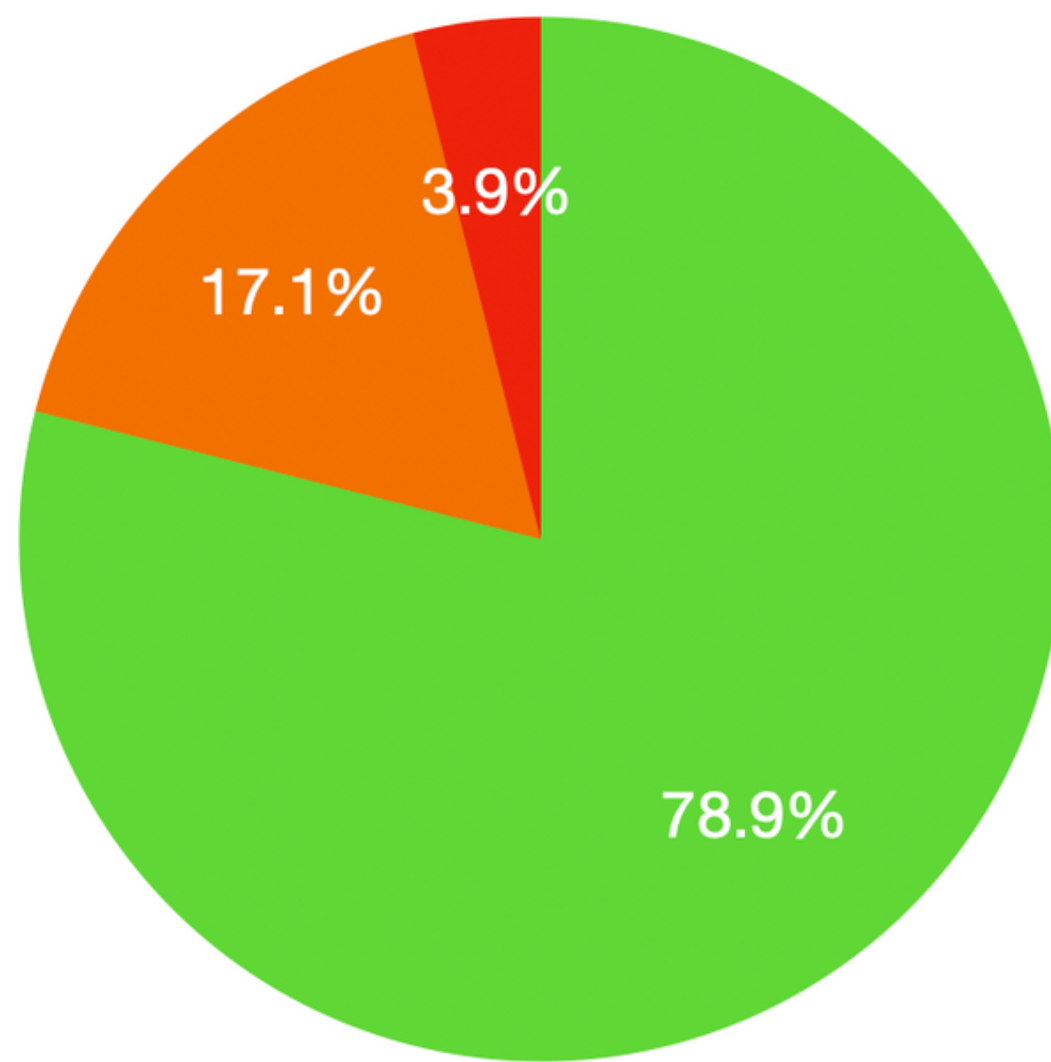
● Low ● Normal ● High



65.8% OF THE SAMPLE HAVE NORMAL HDL
27.6% OF THE SAMPLE HAVE HIGH HDL
6.6% OF THE SAMPLE HAVE LOW HDL

LDL

● Normal ● Borderline High ● High



78.9% OF THE SAMPLE HAVE NORMAL LDL
17.1% OF THE SAMPLE HAVE PRE CONDITION
3.9% OF THE SAMPLE HAVE DISEASE

ADOPTION FEASIBILITY :

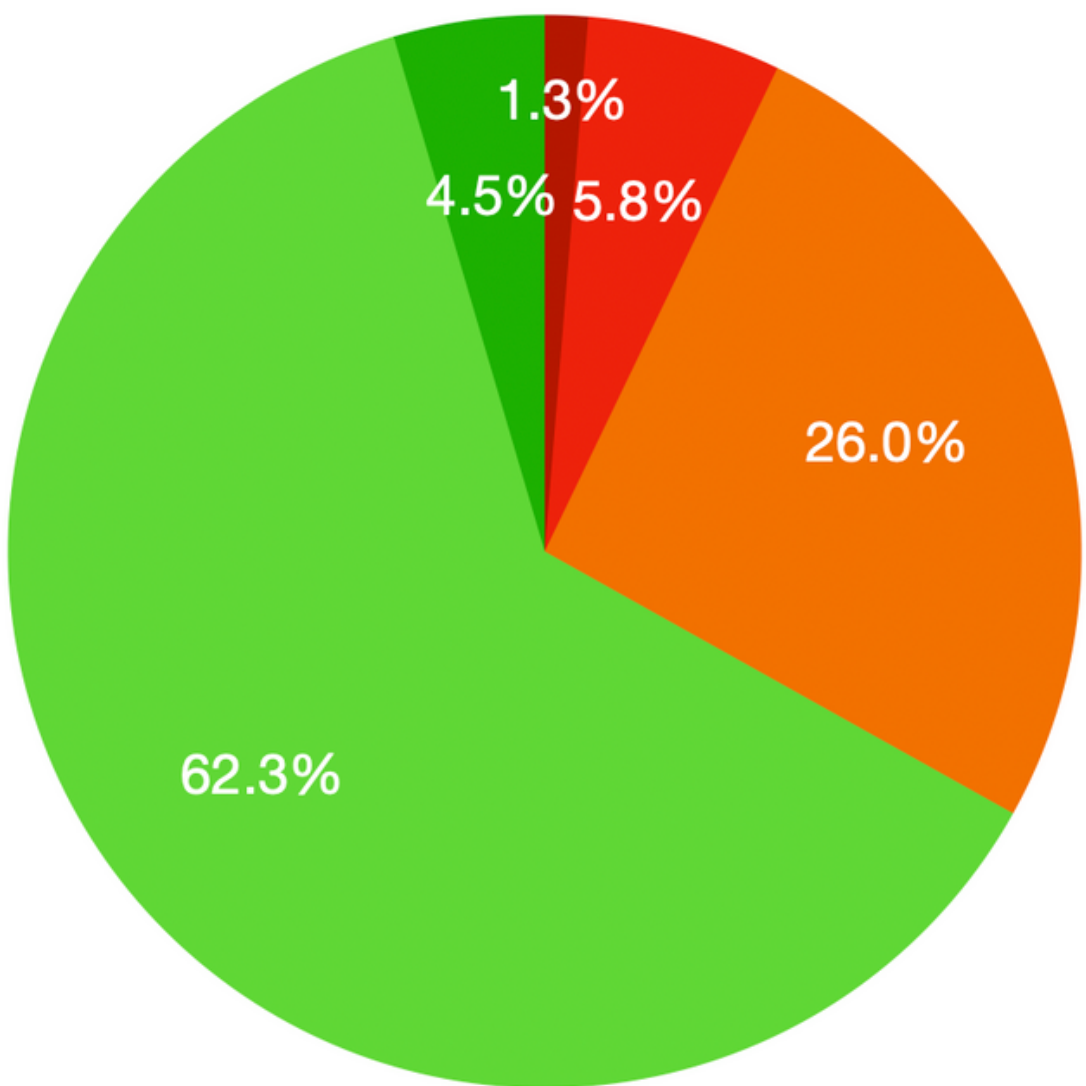
NO OF PEOPLE CONSULTED THROUGH TELEPHONE :102
NO OF PEOPLE WHO DID NOT RESPOND TO CALLS: 53
85% OF SAMPLE POPULATION USE MOBILE PHONES
TELECONSULTATION IS FEASIBLE IN BUDDHARAM VILLAGE

SMART PHONE USERS - WHATSAPP USERS

% POPULATION USING SMART PHONE - TO BE VERIFIED

HEMOGLOBIN - HB

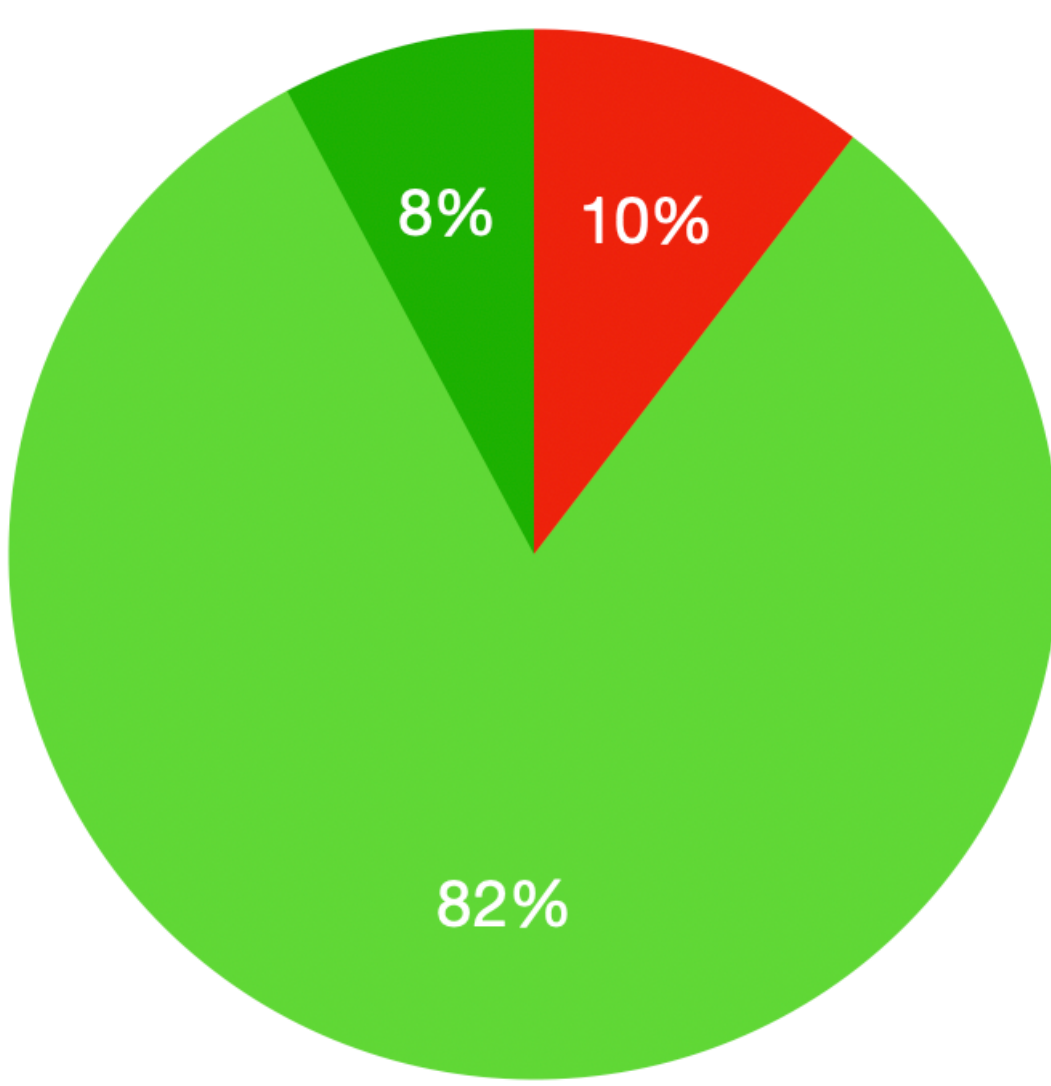
● Severe Anemia ● Moderate Anemia ● Mild Anemia ● Normal ● High Hb



62.3% OF THE SAMPLE HAVE NORMAL HEMOGLOBIN
26% OF THE SAMPLE HAVE PRE CONDITION
7.2% OF THE SAMPLE HAVE DISEASE
4.5% OF THE SAMPLE HAVE HIGH HEMOGLOBIN

WBC

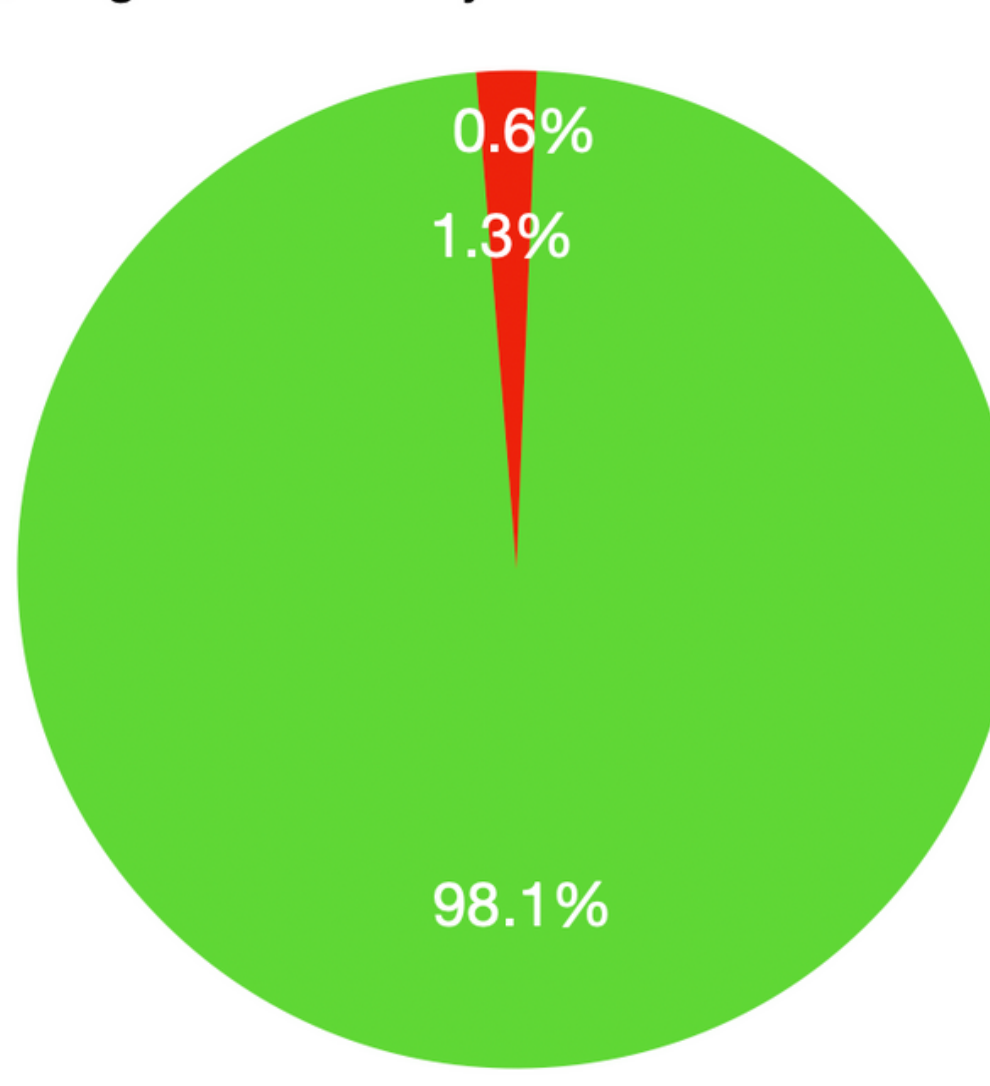
● Low ● Normal ● High



82% OF THE SAMPLE HAVE NORMAL WBC
8% OF THE SAMPLE HAVE HIGH WBC
10% OF THE SAMPLE HAVE LOW WBC

BLOOD PLATELETS

● Low - Thrombocytopenia ● Normal ● High - Thrombocytosis



98.1% OF THE SAMPLE HAVE NORMAL BLOOD PLATELETS
1.3% OF THE SAMPLE HAVE HIGH - THROMBOCYTOSIS
0.6% OF THE SAMPLE HAVE LOW - THROMBOCYTOPENIA

Total Cholesterol

| Condition/ Levels | Values (BPM) |
|-------------------|---------------|
| Normal | Less than 200 |
| Borderline High | 200-239 |
| High | 240 or higher |

Triglycerides

| Condition/ Levels | Values |
|-------------------|---------------|
| Normal | Less than 150 |
| Borderline High | 150 - 199 |
| High | 200 or Higher |

HDL

| Condition/ Levels | Values |
|-------------------|--------------|
| Low | Less than 40 |
| Normal | 40-59 |
| High | 60 and Above |

LDL

| Condition/ Levels | Values |
|-------------------|---------------|
| Normal | Less than 130 |
| Borderline High | 130-159 |
| High | 160 or Higher |

Hemoglobin Hb

| Condition/ Levels | Values (Hb - g/dL) |
|-------------------|--|
| Normal | 12-16 g/dL (women) 13.5 - 17.5 g/dL (men) |
| Mild Anemia | 10-12 g/dL (women) 10-13.5 g/dL (men) |
| Moderate Anemia | 8 - 10 g/dL |
| Severe Anemia | < 8 g/dL |

WBC

| Condition/ Levels | Values (thou/μL) |
|-------------------|------------------|
| Low | 5 and below |
| Normal | 5 -10 |
| High | 10 - 18 |
| Very High | 18 and above |

Blood Platelets

| Condition/ Levels | Values (thou/μL) |
|------------------------|------------------|
| Low (Thrombocytopenia) | Less than 150 |
| Normal | 150 - 450 |
| High (Thrombocytosis) | 450 and above |