



Kuwait-Scotland
eHEALTH INNOVATION NETWORK

Kuwait Health Network
Summary (All Clinics) Report

** The data used in this report is anonymised/scrambled KHN data **

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Summary

Number of registered patients with diabetes is : **4,821**

• Patient Demographics:

Breakdown by Type of Diabetes	Previous*	Current
Type 1	1.9% (89)	1.8% (87)
Type 2	97.8% (4,572)	97.9% (4,718)
Other Type	0.34% (16)	0.33% (16)
Breakdown by Gender	Previous*	Current
Male	53.2% (2,490)	55.4% (2,672)
Female	46.8% (2,187)	44.6% (2,149)
Unknown or not recorded	0% (0)	0% (0)
Breakdown by Nationality	Previous*	Current
Kuwaiti	44.2% (2,066)	44% (2,122)
Non Kuwaiti	53.5% (2,503)	53.7% (2,591)
Unknown, other or not recorded	2.3% (108)	2.2% (108)

• Patients with a clinical outcome recorded in the past 15 months :

Clinical Outcome	Previous*	Current	Change
BMI	39.9% (1,868)	28.5% (1,373)	↓
BP	51.3% (2,397)	33.3% (1,607)	↓
HbA1c	61.9% (2,897)	57.5% (2,770)	↓
Total Cholesterol	37.5% (1,753)	35.8% (1,728)	↓
LDL Cholesterol	35.9% (1,677)	34.3% (1,655)	↓
eGFR	46.1% (2,156)	44.1% (2,125)	↓
UACR	2.5% (115)	2.3% (109)	↓
Smoking Status	74.9% (3,505)	71.8% (3,461)	↓
Alcohol	31.9% (1,494)	30.5% (1,471)	↓
Physical Activity	9% (422)	9.1% (438)	↓

* Current date is 22-Feb-2014; Previous date is 22-Aug-2013 (ie. 6 months prior to Current)



Chapter 1

Patient Demographic and Clinical Outcome Graphs

- The following section shows the breakdown of the patient demographic and clinical outcome metrics
- They are based on most recent data



Figure 1.1: Type 1 Diabetes by Age Group

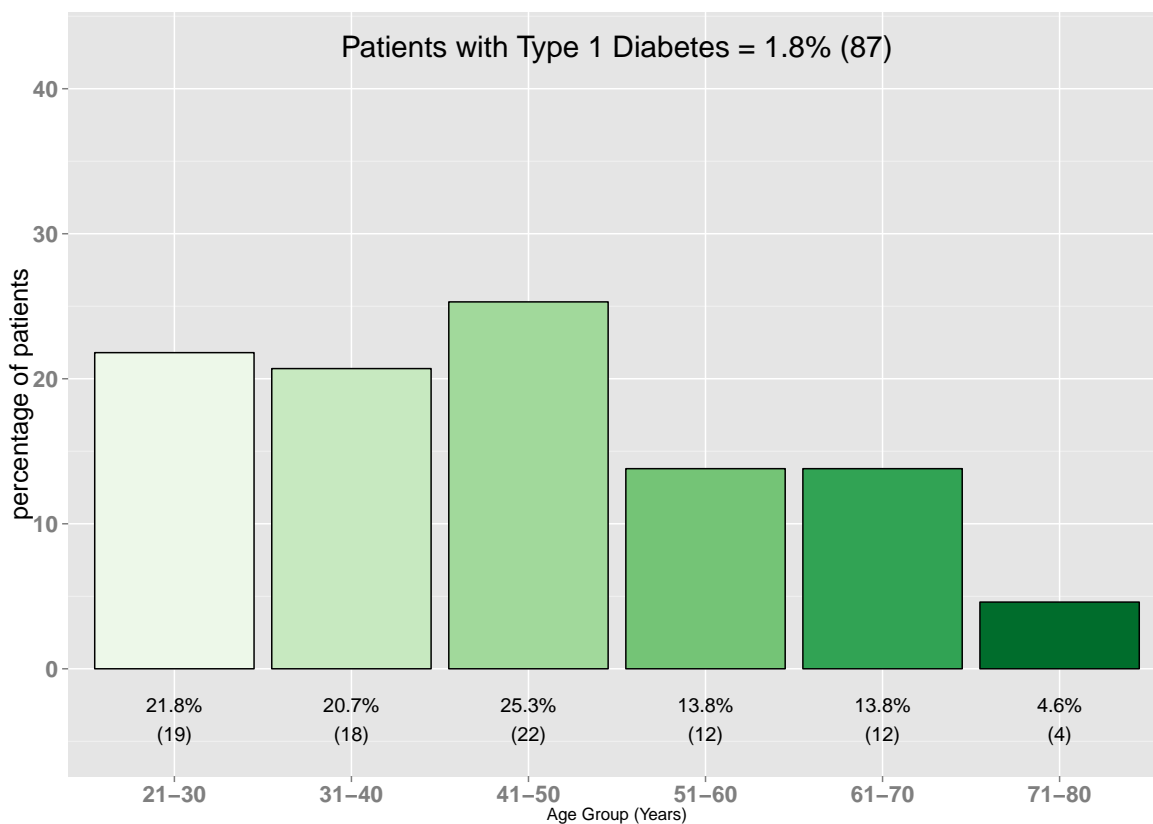


Figure 1.2: Type 2 Diabetes by Age Group

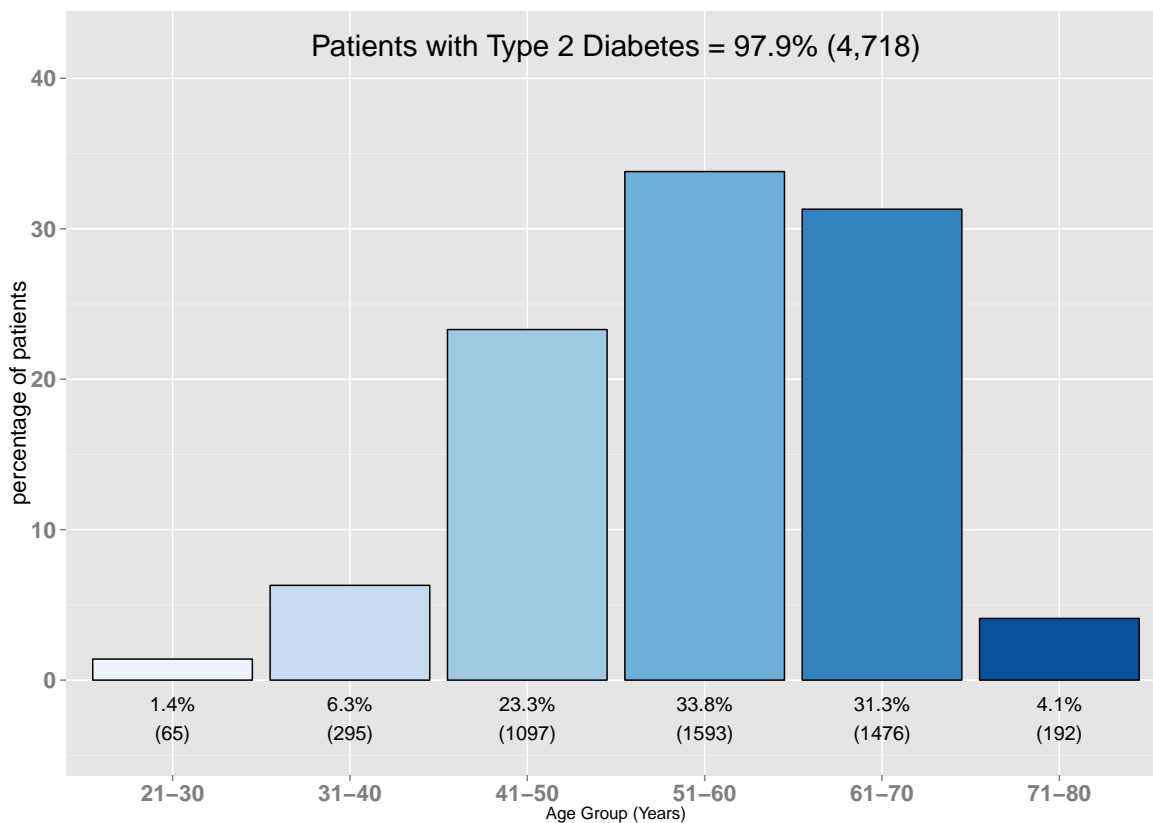




Figure 1.3: Nationality Breakdown

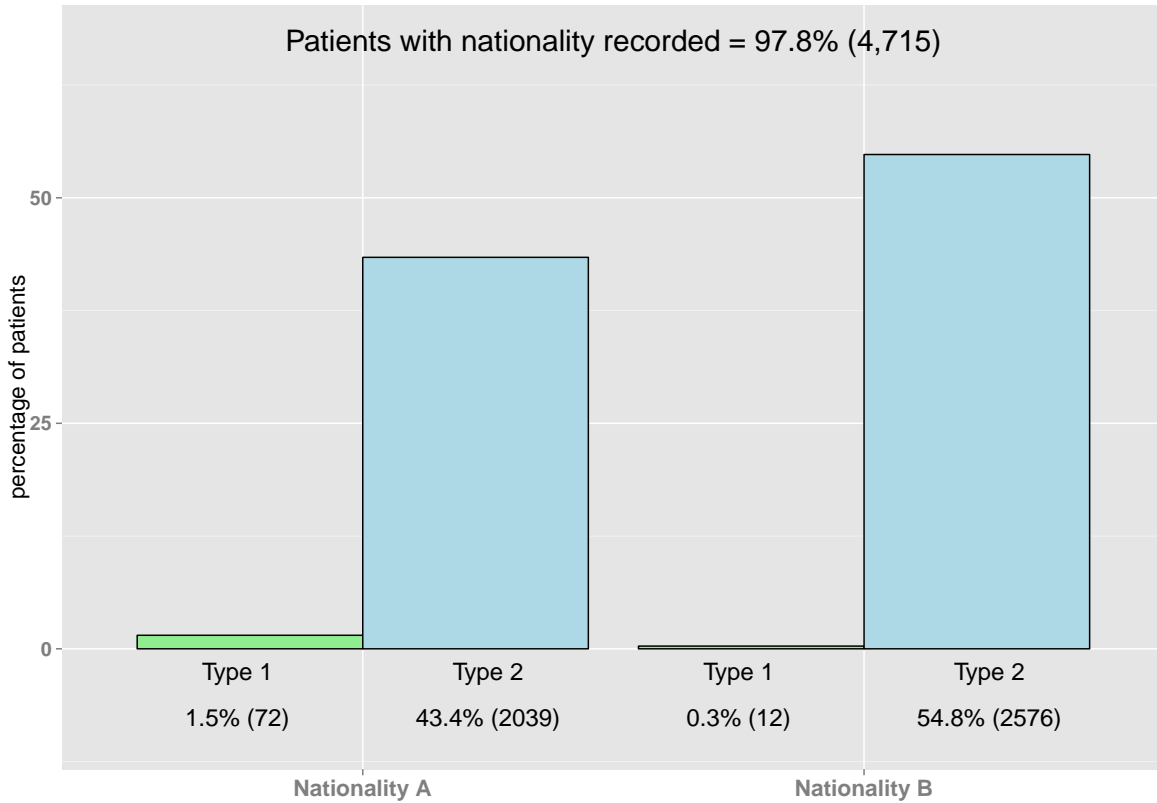


Figure 1.4: Gender Breakdown

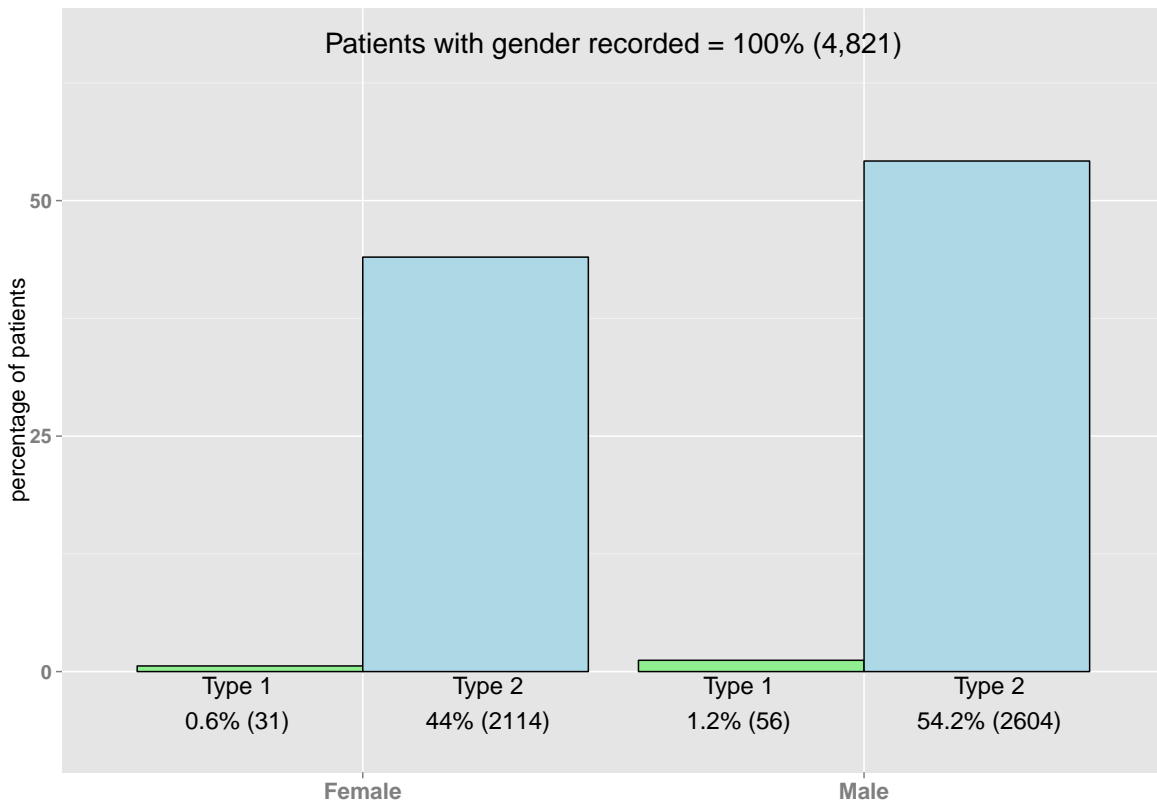




Figure 1.5: Body Mass Index

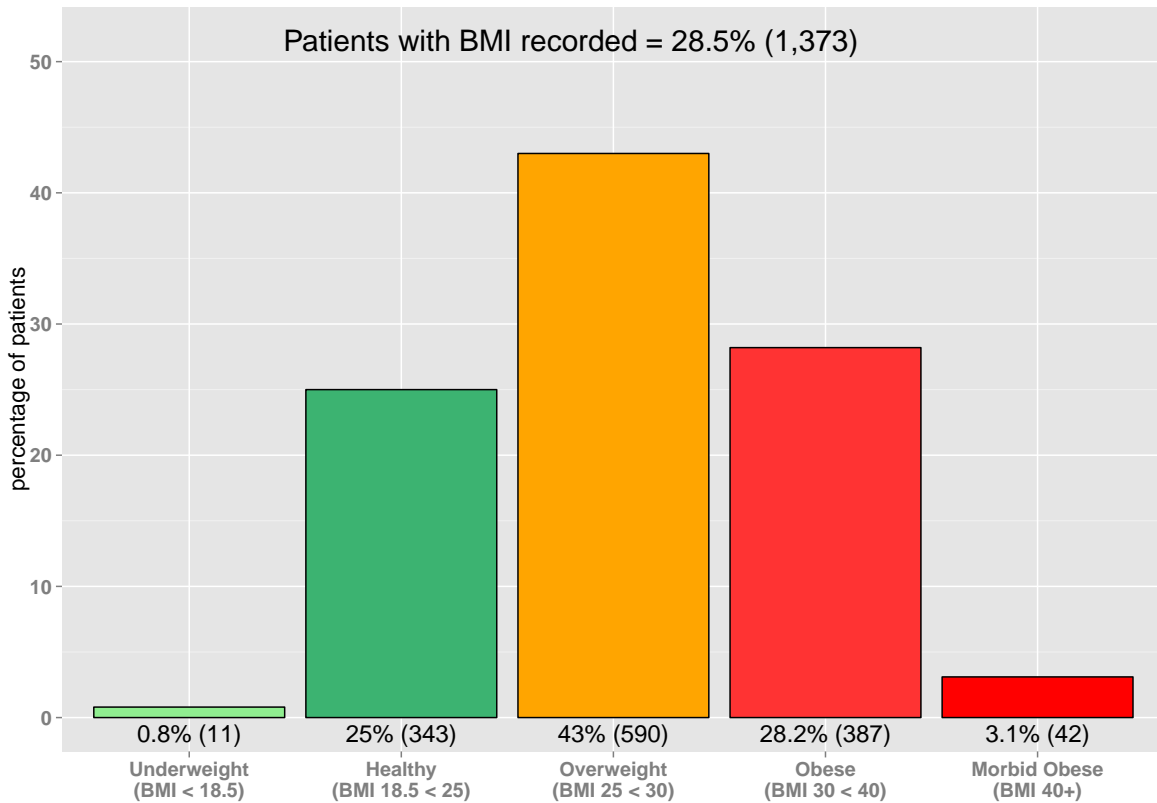
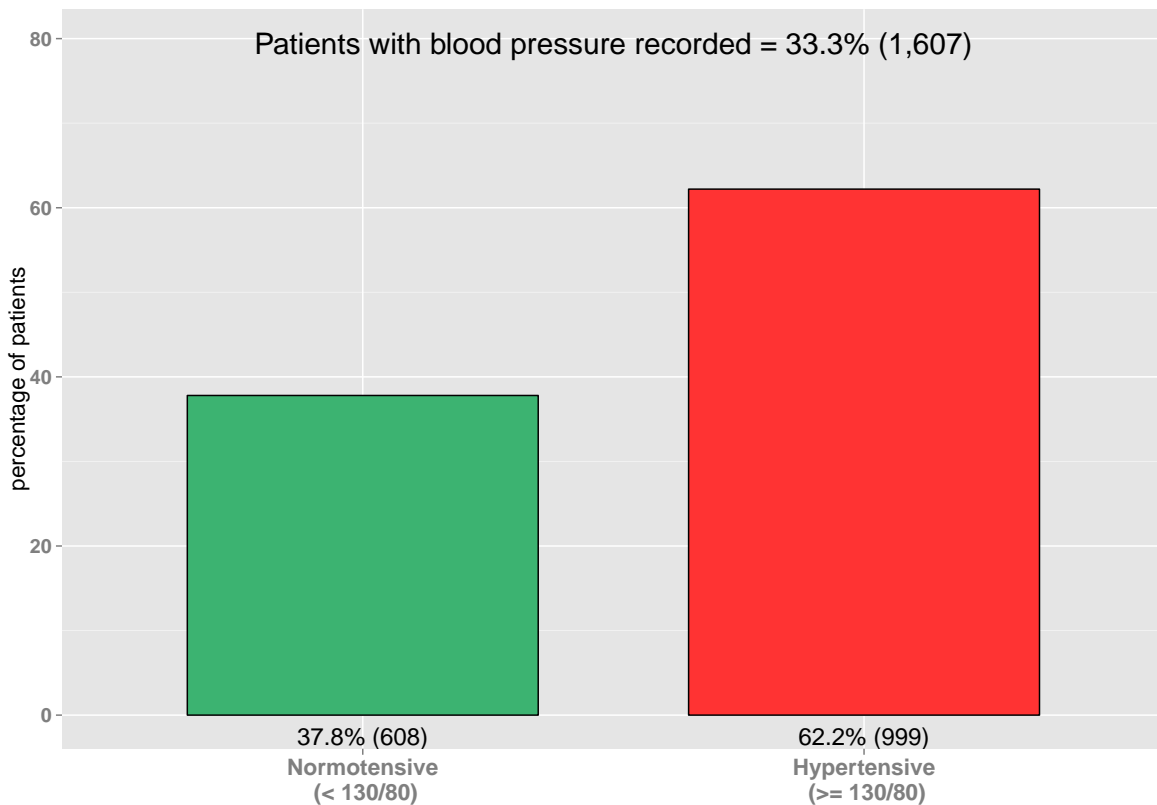


Figure 1.6: Blood Pressure



Normotensive is defined as patients with a systolic BP < 130 and diastolic BP < 80
 Hypertensive is defined as patients with a systolic BP >= 130 or diastolic BP >= 80



Figure 1.7: HbA1c Categories

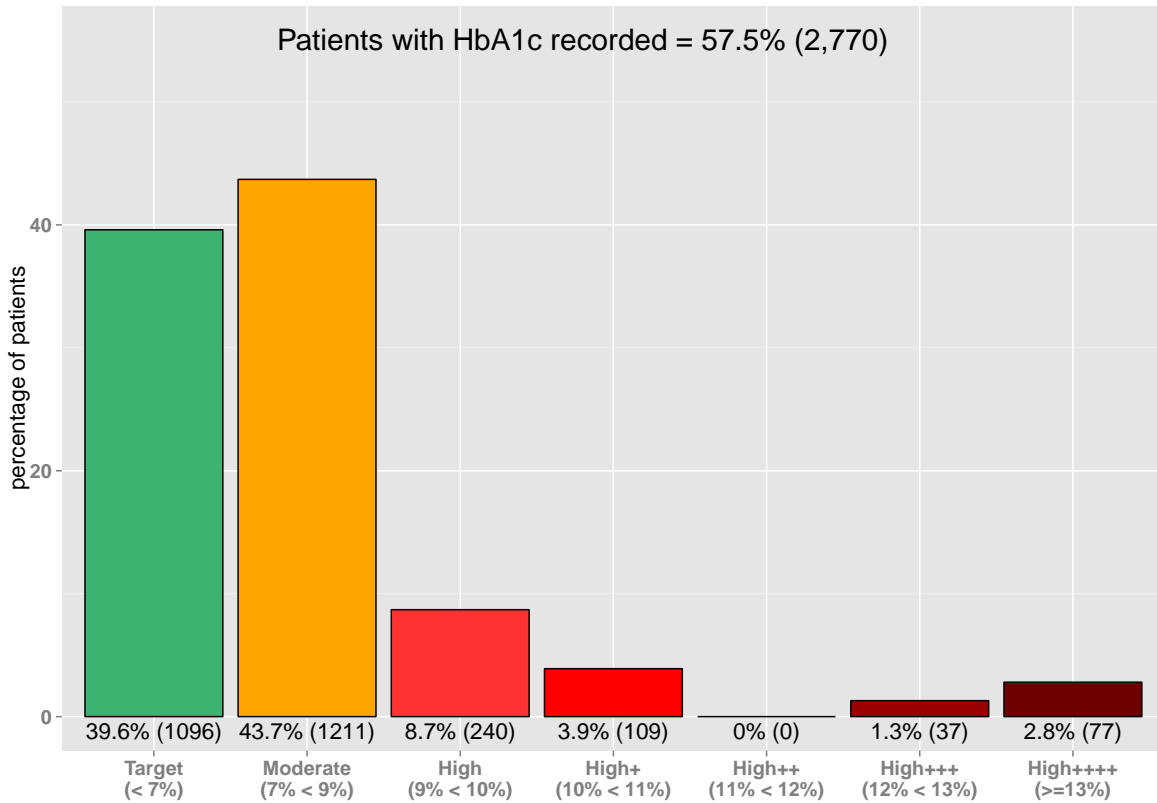


Figure 1.8: Total Cholesterol

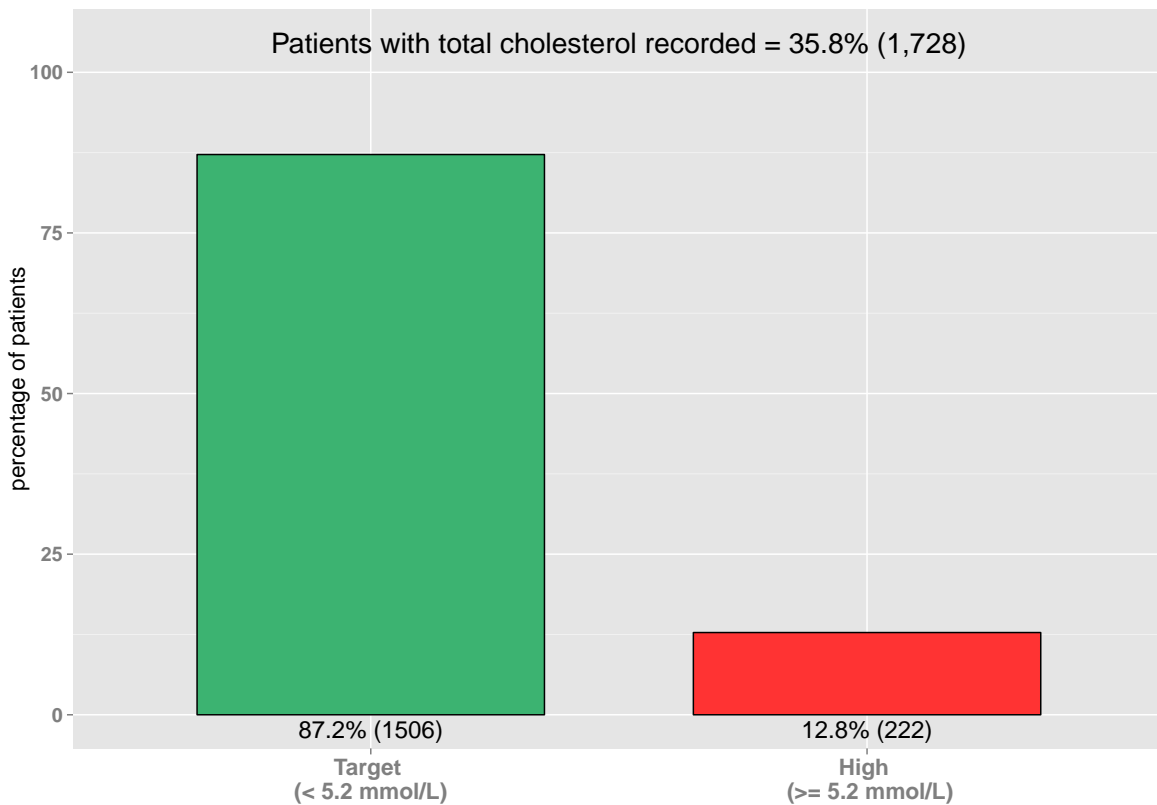




Figure 1.9: LDL Cholesterol

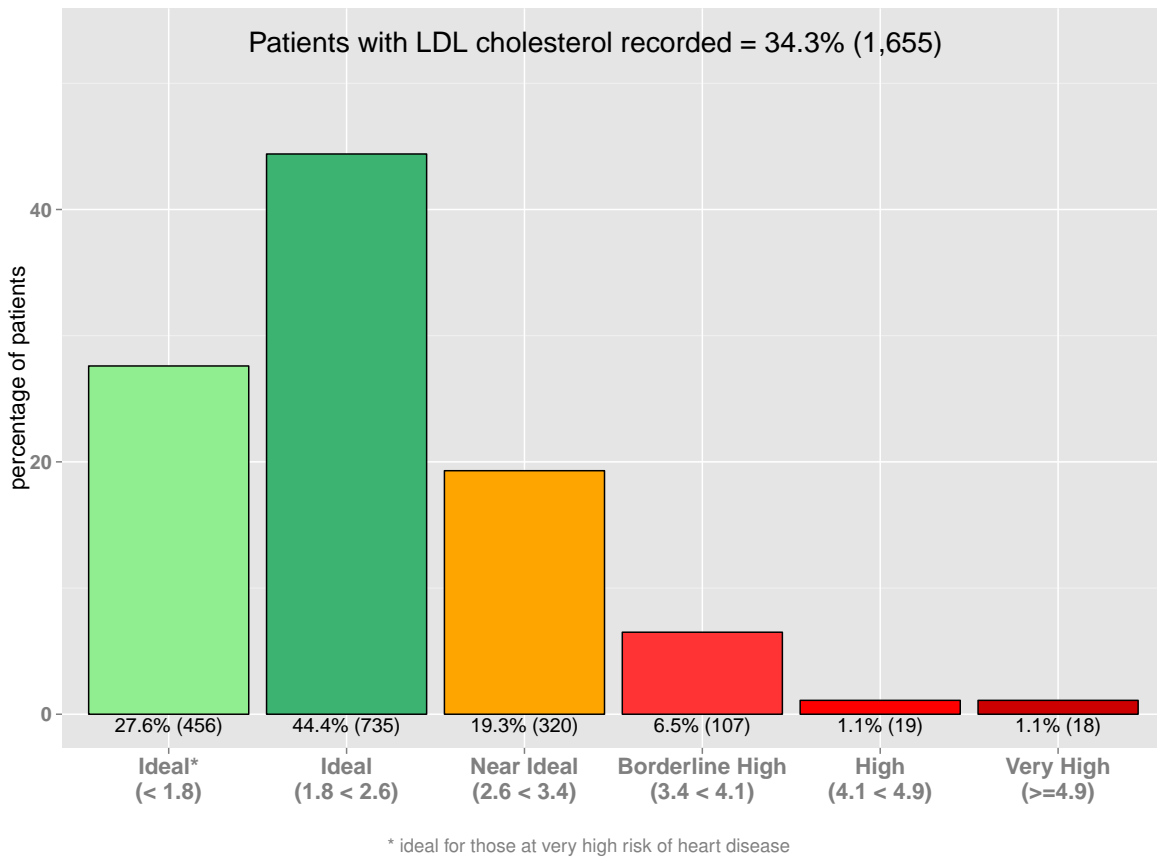


Figure 1.10: Estimated Glomerular Filtration Rate (eGFR)

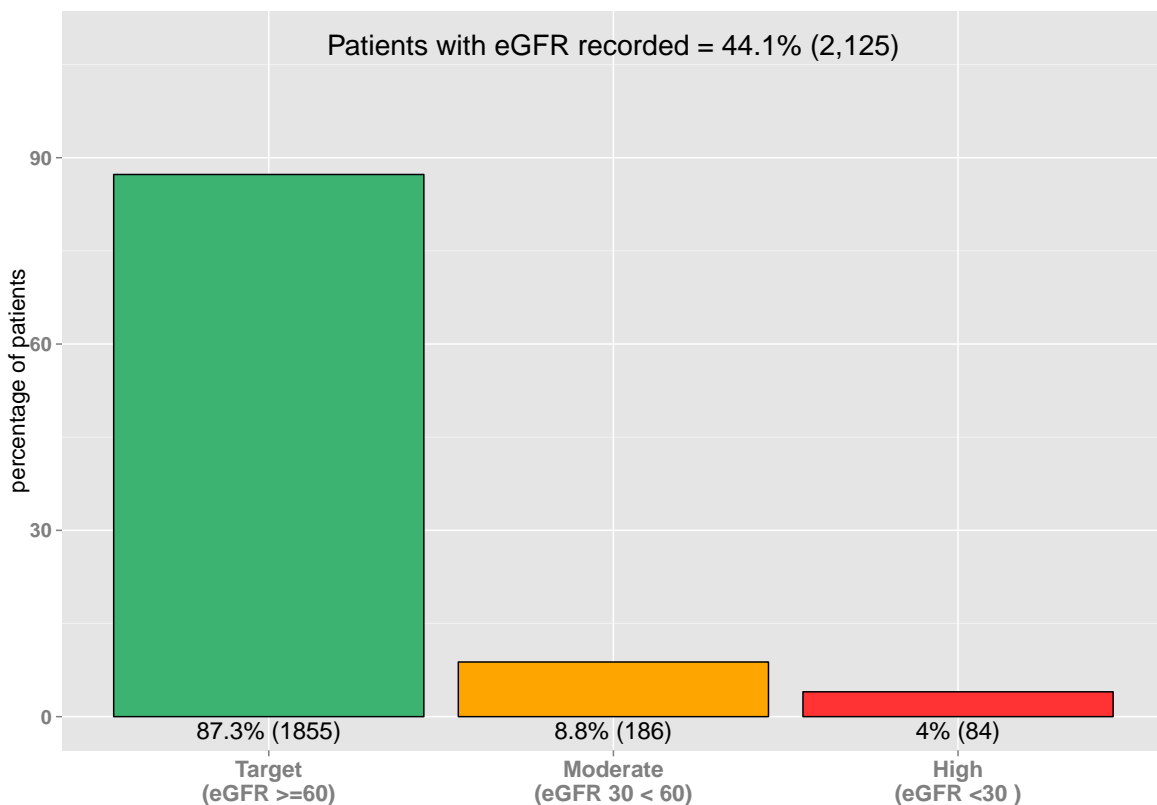




Figure 1.11: Urine Albumin Creatinine Ratio (UACR)

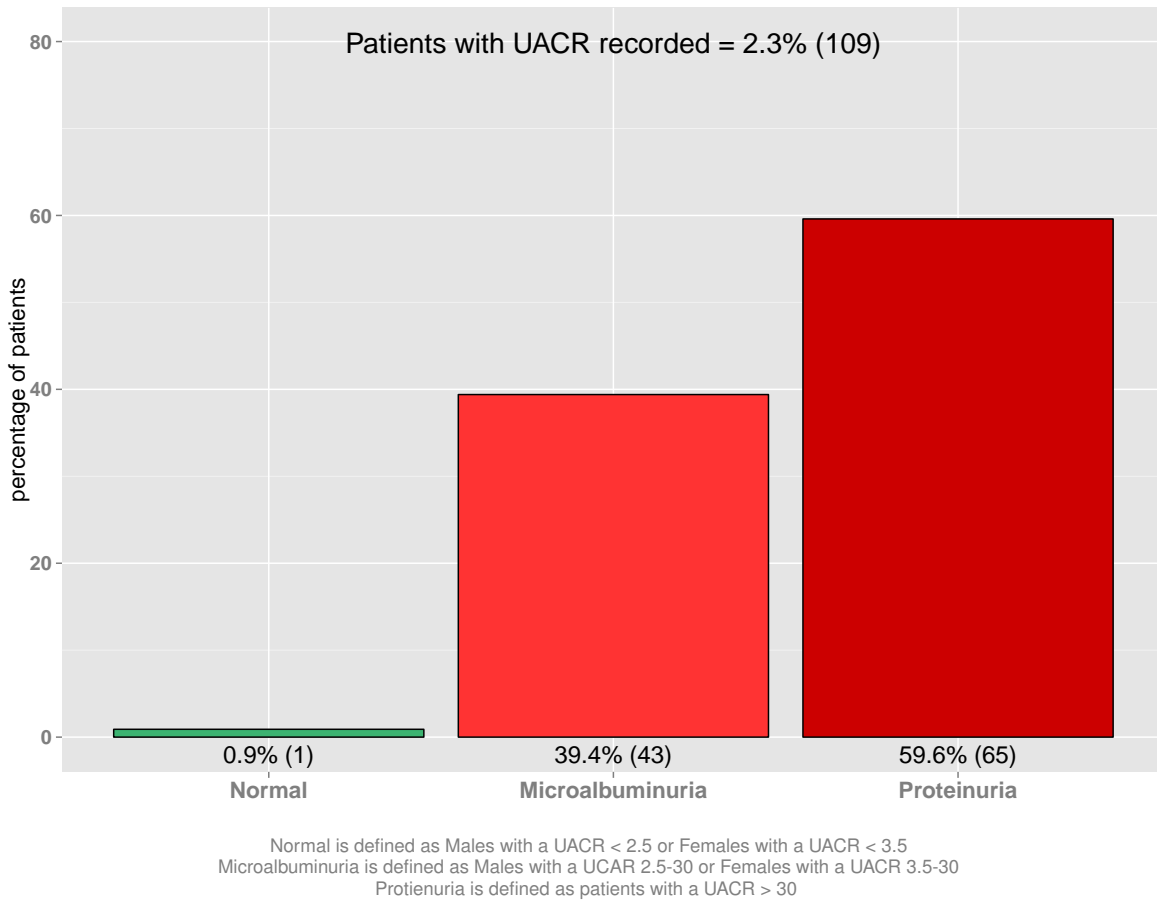


Figure 1.12: Smoking

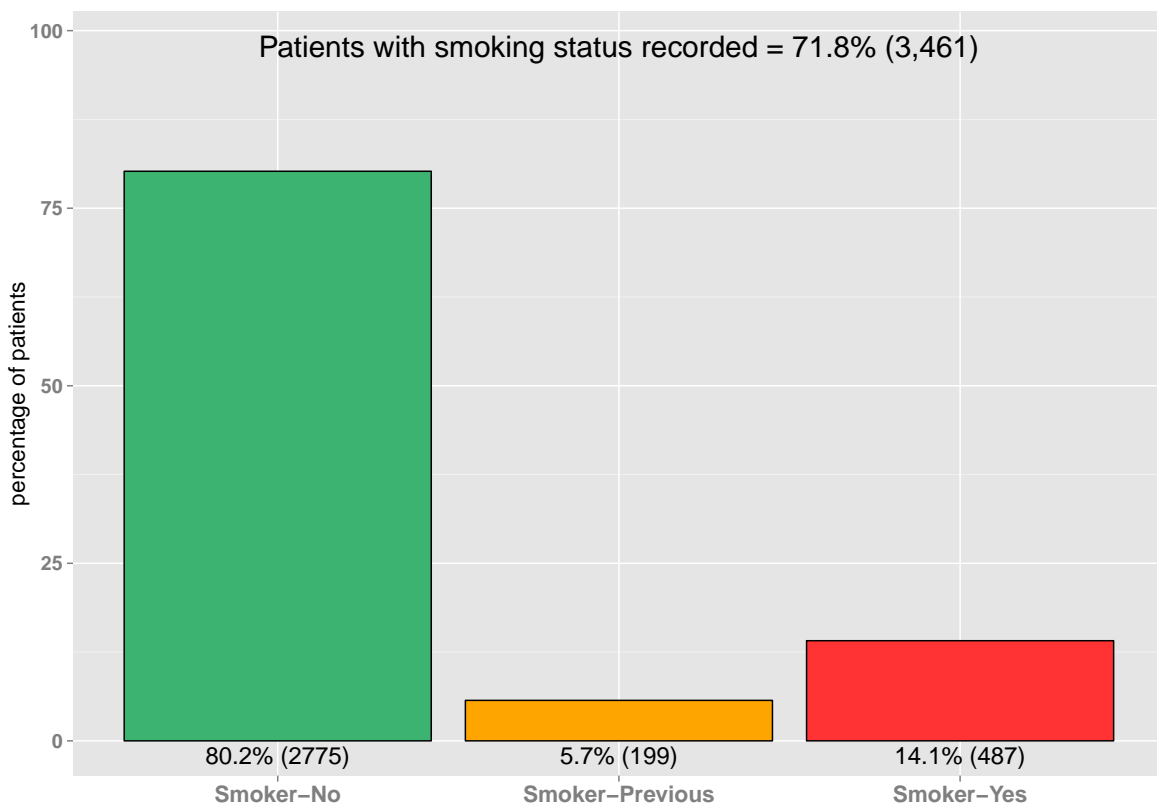




Figure 1.13: Alcohol

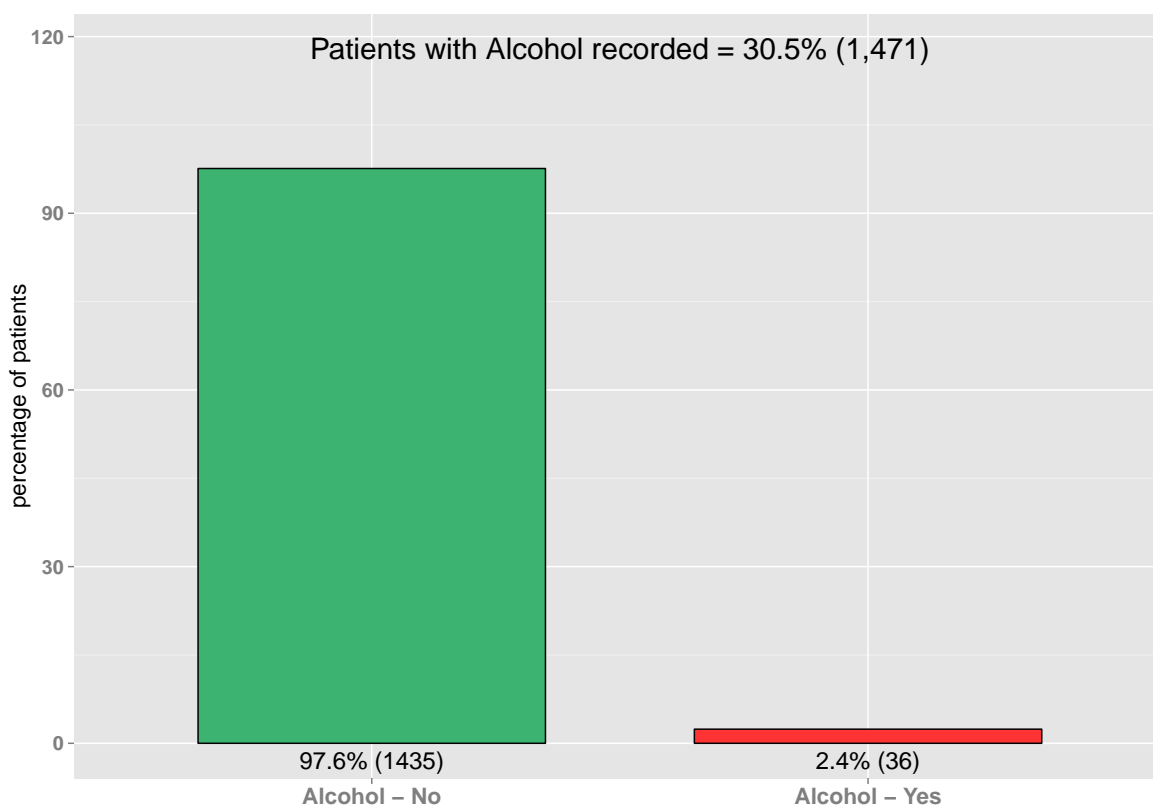
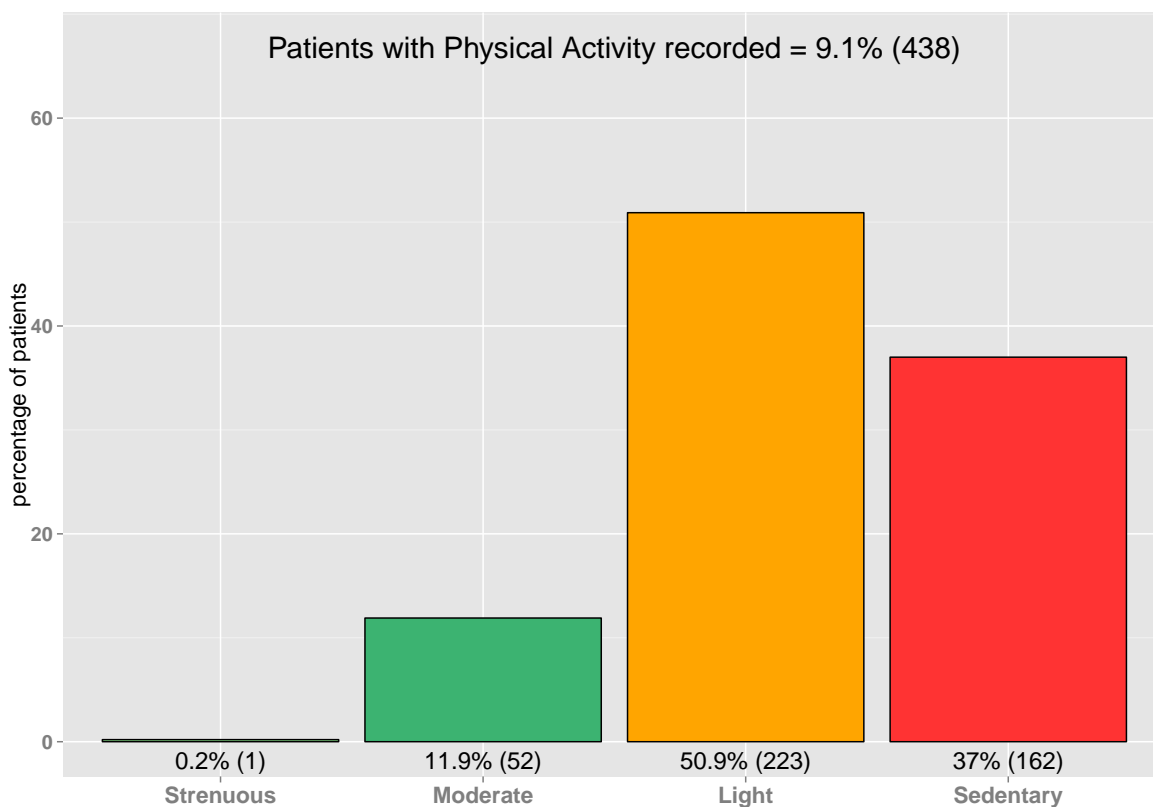


Figure 1.14: Physical Activity





Chapter 2

Clinical Outcomes Over Time

- The following section shows the breakdown over time, of each Clinical Outcome
- It currently shows the 3 key measurements : Blood Pressure, Body Mass Index, HbA1c
- Each data point is the percentage of patients having a recorded measurement within the last 15 months
- Each plot has a dotted line representing the median value based on the most recent 15 data points



Figure 2.1: Blood Pressure Over Time

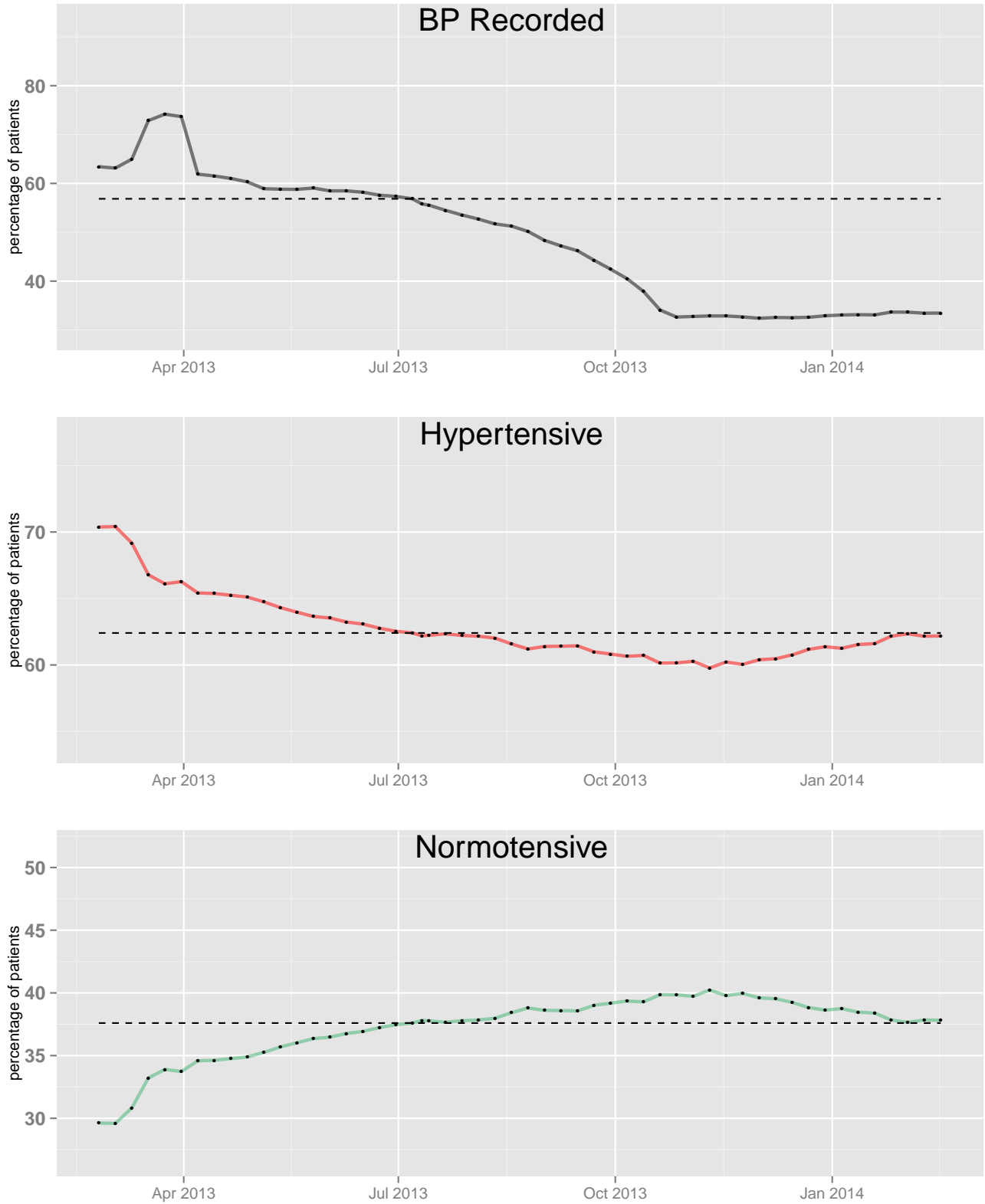




Figure 2.2: HbA1c Over Time

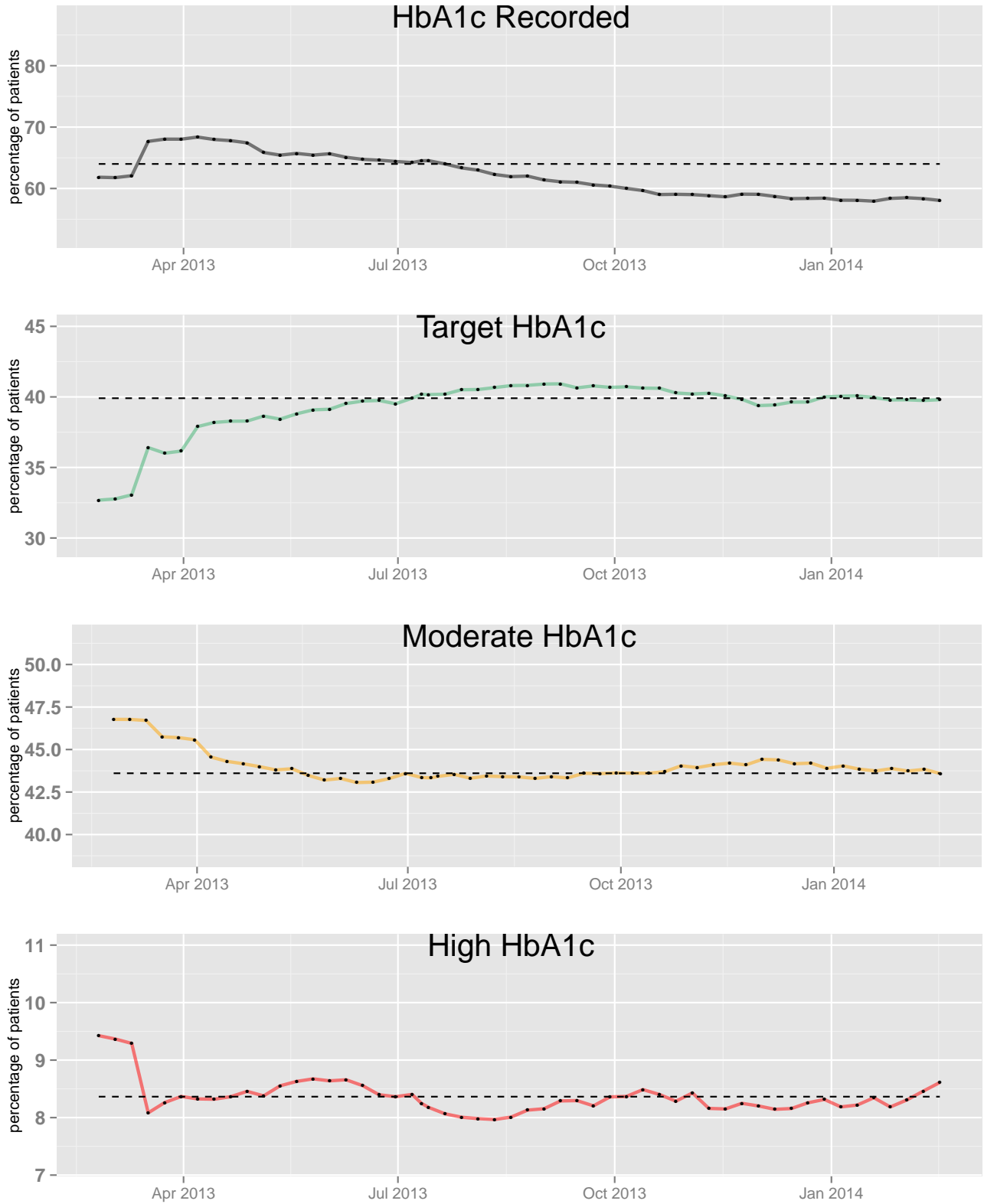




Figure 2.3: BMI Over Time

