Growth, Body Fat And Motor Performance Of Secondary School Adolescents In Nigeria

By

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Requirements For The Award Of
Doctor Of Philosophy In Exercise And Sports Science

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DECLARATION

I hereby declare and affirm that this dissertation has been written by me and that it is a record of my own research undertakings.

This work has not been presented in any previous applications for a higher degree. All sources of information are specifically acknowledged by means of references.

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CERTIFICATION

This dissertation entitled "Growth, Body Fat And Motor Performance Of Secondary School Adolescents In Nigeria" by Julius Atama Gwani meets the regulations governing the award of the Degree of Doctor of Philosophy of Ahmadu Bello University, and is approved for its contribution to knowledge and literary presentation.

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DEDICATION

This work is dedicated to my parents Mr. & Mrs. Gwani Atama Giwa, Late Christiana Atama Gwani, Mrs. Debbie Julius Atama, Othniel, Priscilla, Janet and Timothy Atama Gwani. You mean so much to me !!

TABLE OF CONTENTS

DECLARATION ii
CERTIFICATION iii
ACKNOWLEDGEMENT v
DEDICATION vi
TABLE OF CONTENTS vii
LIST OF TABLES x
LIST OF FIGURES xi
ABSTRACT xii

CHAPTER I: INTRODUCTION 1
1.1 Introduction: 1
1.2 Statement Of The Problem 4
1.3 Purpose Of The Study 5
1.4 Assumptions 6
1.5 Hypotheses 6
1.5.1 Main Hypothesis 6
1.5.2 Sub-Hypotheses 6
1.6 Significance Of The Study 7
1.7 Delimitation Of The Study 7
1.8 Limitation Of The Study 8

CHAPTER II: REVIEW OF RELATED LITERATURE 9
2.1 Introduction 9
2.2 Definition And Classification Of Physical Fitness 9
2.3 Effects Of Participation In Physical Education Programme In Physical Fitness 12
2.4 Components Of Motor Performance: 13
2.4.1 Power 13
2.4.2 Agility 15
2.4.3 Speed 16
2.5 Ethnic Differences In Growth And Motor Performance 18
2.6 Growth 19

2.7 Biological Maturation And Performance 23
2.8 Body Fat Percent 25
2.8.1 Patterns Of Fat Distribution 27
2.9 Summary 29

CHAPTER III: METHODOLOGY 31
3.1 Introduction 31
3.2 Research Design 31
3.3 Measurement And Tests 32
3.3.1 Skinfold Measurements 32
3.3.2 Anthropometric Measurements: 33
3.3.3 Motor Performance Tests: 35
3.4 Rationale For Selection Of Test Items 36
3.4.1 Shuttle Run 36
3.4.2 50 Meters Dash 36
3.4.3 Standing Broad Jump 37
3.4.4 Anthropometry 37
3.5 Testing Protocol 38
3.6 Sequence Of Tests 38
3.7 Instrumentation 39
3.8 Subjects 40
3.9 Testers 40
3.10 Experimental Controls 41
3.11 Statistical Analysis 42

CHAPTER IV: RESULTS AND DISCUSSION 43
4.1 Introduction 43
4.2 Results 43
4.2.1 Growth 47
4.2.2 Body Fat Percent 53
4.2.3 Motor Performance 55
4.3 Discussion 59
4.3.1 Growth 59
4.3.2 Body Fat Percent 61
4.3.3 Motor Performance 62

CHAPTER V: SUMMARY, CONCLUSION AND RECOMMENDATIONS 64

5.1 Summary 64

5.2 Conclusion 65

5.3 Recommendations 65

5.4 Area For Further Research 66

REFERENCES 67

APPENDIX A 76

APPENDIX B 78

APPENDIX C: Raw Scores 79

LIST OF TABLES

Table 4.1: Mean And Standard Deviation Of Growth Measurements Of Trunk, Upper Arm, Lower Arm, Upper Leg, Lower Leg Lengths As Per Age And Gender. 44

Table 4.2: Mean And Standard Deviation Of Growth Measurements Of Arm, Waist And Hip Girths As Per Age And Gender. 47

Table 4.3: Analysis Of Growth Variance With Age And Gender 48

Table 4.4: Summary Of Schefee's Post - Hoc Analysis For Trunk Lengths By Age And Gender 48

Table 4.5: Summary Of Schefee's Post - Hoc Analysis For Upper Arm Lengths By Age And Gender 49

Table 4.6: Summary Of Schefee's Post - Hoc Analysis For Lower Arm Lengths By Age And Gender 49

Table 4.7: Summary Of Schefee's Post - Hoc Analysis For Upper Leg Lengths By Age And Gender 50

Table 4.8: Summary Of Schefee's Post - Hoc Analysis For Lower Leg Lengths By Age And Gender 50

Table 4.9: Summary Of Schefee's Post - Hoc Analysis For Total Leg Lengths By Age And Gender 50

Table 4.10: Summary Of Schefee's Post - Hoc Analysis For Total Arm Lengths By Age And Gender 51

Table 4.11: Summary Of Schefee's Post - Hoc Analysis For Arm Girths By Age And Gender 51

Table 4.12: Summary Of Schefee's Post - Hoc Analysis For Hip Girths By Age And Gender 52

Table 4.13: Summary Of Schefee's Post - Hoc Analysis For Waist Girths By Age And Gender 52

Table 4.14: Means And Standard Deviation Of Percentage Body Fat Of Subjects By Age And Gender. 53

Table 4.15: Analysis Of Percentage Body Fat Variance With Age And Gender 54

Table 4.16: Mean And Standard Deviation Of Motor Performance Of Subjects By Age And Gender. 55

Table 4.17: Gender And Age Differences In Agility 57

Table 4.18: Gender And Age Differences In Speed 58

Table 4.19: Gender And Age Differences In Explosive Power 58

LIST OF FIGURES

Figure 4.1: Histogram Of Trunk Lengths For Boys And Girls 45
Figure 4.2: Histogram Of Total Arm Lengths For Boys And Girls 45
Figure 4.3: Histogram Of Total Leg Lengths For Boys And Girls 46
Figure 4.4: Histogram Of Body Fat % For Boys And Girls 54
Figure 4.5: Histograms Of Motor Performance For Boys And Girls 56

ABSTRACT

The level of sport development in the world today has reached such an enviable position that many nations are striving hard to produce world class athletes who would do them proud at international engagement. It is common knowledge that the bulk of athletes of any country, Nigeria inclusive, come from the adolescent and young adult groups. It has been discovered that a child is able to function in his environment according to the level of physical fitness which he possess from the usually school physical education programmes. For children to develop the motor skills acquired at childhood is necessary that they are exposed to some ways and means of improving their physical fitness status, Their school Physical Education programme must emphasize physical fitness as well as the other desirable objectives inherent in physical Education.

It has been reported that the acquisition of proficiency is a major developmental task of childhood through adolescence (Malina and Mueller, 1981). Toriola et.al 1982). According to Uppal and Lakew (1990) apart from the level of fitness and technical efficiency, high level of motor performance is also a consideration when selecting these adolescent for motor competitions.

Several studies examined the trends of motor development among the eleminlaiy as well as secondary school children and have generally shown that motor skills improve with age for boys and girls (Espenchade and Echert, 1980; Toriola et al, 1992). There is however scarcity of similar data on motor performance in addition to the paucity of data on the anthropometric characterises of adolescents in Nigeria. Therefore the purpose of this study was to investigate growth, body fat and motor performance patems of Nigerian secondary school adolescents aged 13-18 years.

One thousand two hundred and sixty-six (1266) boys and girls were randomly selected, which included fifty (50) boys and fifty (50) girls from each of the following age groups 13, 14,

15, 16, 17, and 18 years. Measurements of weight, geight, trunk, upper arm, lower arm, total arm, upper lelv lower leg and total leg lengths, and girth measurements of arm hip and waist were recorded. Speed, agility and power were evaluated by administering 50 meter run, shuttle ran, and standing broad jump respectively. The data thus collected were analyzed, using the SPSS programme of the National Animal Production Research Institute (NAPRI), Shika, Ahmadu Bello University, Zaria. Descriptive statistics such as means and standard deviations were used and *2(gender) 6(age)* ANOVAwith Schefee's post-hoc tests to locate the specific difference in the means p 0.05 were used to test the hypothesis of the study.

The results showed significant gender and age differences *p* 0. 05 in physical growth, such as lower aim, total arm, upper leg, lower leg and total leg lengths; and also in ann and hip girths, whereas age differences in trunk, upper arm lengths and waist girth were found to be significant. Differences in body fat percent and performance in agility and explosive power were significant while differences in speed were not statistically significant between adolescent boys and girls of secondary schools in Nigeria.

From the results, it was concluded that gender and age significantly affected level of performance varies with age. Furthermore, as acquisition of skills are achieved during adolescence and earned into adult life, it wad recommended that physical education teachers and coaches should develop programmes that would enable youths to develop and participate in the various sports of their choice to realise their full potentials. In addition, it was suggested that state governments should provide adequate personnel, equipment and facilities to teach physical education as a compulsory subject in J.S.S. and as an examinable subject at S.S.S.

CHAPTER I

INTRODUCTION

1.1 INTRODUCTION:

Recent scientific and technological developments have increased automation in human endeavour. This resulted in decreased demand for physical work in different societies, the consequential effect of this decline has been decreased physical work capacity of these societies associated with a concomitant decrease in physical fitness. These consequential effects of automation have been believed to contribute to the incidence of psychosomatic disorders among the elderly and stunted growth and development among the immature populations.

Governments around the world have become concerned about this debilitating condition of their populations. They therefore found it necessary to intervene in the situation in order to promote positive lifestyle of their populations. It is thus that several governments, especially of developing nations instituted health promotion programmes which emphasised regular participation in physical activities. The United States of America (USA) for example, established President's Council on Physical Fitness and Sports (PCPFS) to promote moderate to vigorous participation of children and adults in physical activities. The establishment of this council was stimulated by the findings of Kraus and Weber (Matthews, 1978) which showed that American children were very inferior to their European counterparts in physical fitness. Consequently, the professional organisation in the United States (US) government to develop appropriate physical fitness test for American children in elementary and secondary schools. With the help of the tests thus developed,

countries like U.S.A. could establish growth and development, physical fitness and activity patterns of their populations, which are now used as a reference point for evaluating emerging trends in health and fitness of that population and for implementing appropriate policies to promote their health, fitness and welfare. Countries like Australia, Egypt, India, New Zealand, Norway and Sudan have been intensely involved in promoting the programmes of physical fitness for their children inspite of mounting financial constraints. However, there are also countries which have shown least interest in the promotion of physical fitness of their children. Nigeria, for example inspite of making physical education at primary and Junior secondary school (JSS) levels, has not made any deliberate and purposeful attempt to institute and promote programmes of physical fitness for their children (Chado,1986).

One of the basic concerns of the countries involved in the promotion of programmes of physical education has been to identify the aims and objectives of teaching physical education in primary and post primary institutions. Many countries recognise physical education as both a profession and discipline concerned with the total development of an individual through the medium of physical activities selected according to their demand and available resources. Its goals are primarily to develop individuals who are physically, socially and emotionally fit and who are also efficient in motor skill acquisition so as to enable them participate in vigorous physical activities to promote their health and fitness.

These goals have been identified on the basis of established facts to show that regular participation in vigorous physical activities regulates and maintains body weight and physical fitness (Shakey, 1984). They are also based on the assumption that such participation increased lean body mass (LBM) with a compensatory decrease in body fat percent of children as well as adolescent (Cronk et al 1983). Such changes in body composition also take place during growth, development

and maturation, such that it becomes problematic to differentiate changes in body composition attributable to training, from changes associated with normal growth and development. However, available research evidence suggests a linear relationship between age, body composition and physical fitness up to a critical age, beyond which only insignificant changes are observed in this relationships (Fleishman, 1964). Though these relationships have implication for the selection of the content of physical education programmes for different levels, they are often ignored either because of lack of information on such relationships or because of strong influence of traditions on physical education programmes.

In Nigerian schools, traditionally physical education was sports oriented. Though such programme could contribute to the development of motor skills and performance related fitness, they did not promote health related fitness which involves regulation of body weight, body composition, flexibility and muscular strength and endurance. However, with the development of the National Policy on Education, there has been an emerging emphasis on the health related fitness in the physical education programmes (NPE, 1985). Although this emerging trend has positively influenced the process of the selection of the content of physical education programmes, it failed to consider the relationships between growth performance and body composition patterns of the school going children such as understanding is essential for the selection of an objective, purposeful and relevant content for physical education programmes at different levels of primary and post primary levels of education. This investigation was an attempt to find out relationships between growth, motor performance and body composition of 13-18 year old Nigerian adolescent boys and girls.

1.2 STATEMENT OF THE PROBLEM

At present in Nigerian school system, particularly at the Elementary and Secondary school levels, the teaching of physical education concentrates more on basic motor skills, though of recent there has been an increase in the awareness of the need to promote health related physical fitness in the school systems and general populations in Nigeria (Agada 1988 Chado, 1986; Gwani, 1986; Ezra, 1986; Musa, 1986).

It has been discovered that a child is able to function in his environment according to the level of physical fitness which he possesses (Malina 1974). This implies that such a child must have had enough muscular strength and endurance, flexibility and cardiovascular efficiency in order to carry out his daily tasks without undue fatigue and still possess enough energy for leisure time pursuits. In addition to this, he must be free from disease, make necessary adjustments for chronic physical handicaps and be able to maintain an optimum body weight. All these factors which are interrelated constitute the elements of physical fitness which in the words of Corbin (1973) "is an important part of the total development of a child...".

Generally, the child's overt behaviour is based on motor skills and the development of these motor skills begins early enough in the life of the child, precisely at the prenatal stage. It is therefore true that before the elementary school age, a normal child is supposed to acquire some basic locomotor and non-locomotor skills. For children to develop the motor skills acquired at early childhood before coming to school, it is necessary that they are exposed to some ways and means of improving their physical fitness status. Their school physical education programme must emphasize physical fitness as well as the other desirable objectives inherent in physical education.

It has been reported that the acquisition of skill proficiency is a major developmental task of childhood through adolescence (Malina and Mueller, 1981; Toriola et.. al 1992) According to

Uppal and Lakew (1990), apart from the level of fitness and technical efficiency, high level of motor performance is also a consideration when selecting athletes for major competitions.

Several studies examined the trends of motor development among elementary as well as Secondary school children which have generally shown that motor skill improves with age for boys and girls (Espenchade and Echert, 1980; Toriola et. al 1992). There is however scarcity of similar data on motor performance of adolescents in Nigeria.

Therefore this study was conducted to find out how body fat percent, motor performance and growth patterns change as a function of age and gender among 13-18 years old Nigerian adolescent boys and girls.

This investigation attempts to answer the following research questions:

(1) Do growth patterns vary according to age and gender among 13-18 years old Nigerian adolescent boys and girls?

(2) Does body composition as reflected in body fat percent change as a function of age and gender among 13-18 years old Nigerian adolescent boys and girls?

(3) Are these differences between Nigerian adolescent boys and girls in their motor performance?

(4) Are there differences between Nigerian adolescent age groups in their motor performance?

1.3 PURPOSE OF THE STUDY

The following are the specific purpose of the study:

(1) To determine the pattern of body fat among adolescent boys and girls in secondary schools;

(2) To find out physical growth patterns as reflected in body segmental length and girth measurements, among Nigerian adolescent boys and girls.

(3) To find out motor performance of 13-18 year old Nigerian adolescent boys and girls.

1.4 ASSUMPTIONS

On the basis of available research evidence and professional opinions, the following assumptions were made for the purposes of this study;

(1) Body composition, motor performance and growth patterns change with age.

(2) There are gender differences in body composition, growth patterns and motor performance.

(3) Body composition, motor performance and growth patterns are influenced by both genetic and environmental factors.

(4) Environmental factors can be modified to induce positive change in body composition, motor performance and growth patterns.

(5) Valid, objective and reliable tests are available to determine motor performance, body composition and growth patterns.

1.5 HYPOTHESES

The purpose of this study was to find out the differences in body fat, growth and motor performance patterns of 13-18 year old Nigerian adolescents who had been engaging in regular physical activity and physical education in the course of their studies in secondary schools. Based on general knowledge of these groups, the subjects' participation in vigorous physical activities and performance in motor skills or performance related physical fitness tests, the following hypothesis and sub hypotheses are formulated.

1.5.1 Main Hypothesis

There is no significant difference in body fat, growth pattern and motor performance of 13-,18 years old Nigerian adolescents.

1.5.2 Sub-Hypotheses

There are no significant age and gender related differences in the growth of adolescent boys and girls.

There is no significant age and gender related differences in the percent body fat of adolescent boys and girls.

There are no significant age and gender related differences in the motor performance of adolescent boys and girls.

1.6 SIGNIFICANCE OF THE STUDY

Motor fitness contributes to sport performance. When an individual is fit, the various systems of the body are well conditioned so that each system can contribute toward effectiveness of performance, but does not include all the essentials. An excellent performer in a specific activity must possess, in addition to motor fitness, the specific skills that are part of that activity. Therefore this study is deemed important in the following ways:

1. The findings will contribute to the body of knowledge in the area of body fat, growth and motor fitness of Nigerian adolescents particularly those in the Secondary schools.

2 They would serve as a motivation for adolescents in the Nigerian Secondary schools to actively participate in regular physical activity, through Physical Education.

3. The results would serve as a stimulus for general awareness of performance related physical fitness, which can affect the re-evaluation of instructional methods and content of physical education curriculum in the Secondary schools.

4. It is hoped that through seminars, symposia, workshops, where the findings will be presented to those in the field of physical education and sports, the policy makers will become more interested and provide more funds for further development of motor fitness and physical education programmes in the Secondary schools.

5. The findings would stimulate further interest in research on performance related physical fitness levels of the Nigerian adolescents and youths, involving all age categories of both males and females.

1.7 DELIMITATION OF THE STUDY

This study was delimited to the following:

(1) Only motor performance, body composition and growth patterns of 13-18year old Nigerian adolescents boys and girls were tested in this study.

(2) Motor performance was determined by testing the performance of the subjects in standing broad jump, 50 meters sprint and shuttle run.

(3) Body composition was determined by measuring body fat percent, which was determined by recording the following skinfold measures:

(i) triceps skinfold
(ii) subscapular skinfold
(iii) supraliac skinfold
(iv) Abdomen

(4) Growth patterns were determined by measuring:

(i) height
(ii) weight
(iii) 3 girths of arm, hip and waist.
(iv) 7 lengths of arms and legs.

1.8 LIMITATION OF THE STUDY

This study had the following limitations which would be taken into consideration while interpreting the results.

(1) Nutrition is one of the environmental factors that influence growth, performance and body composition. The researcher could not have any control on the nutritional patterns of the subjects. However, it was assumed that the nutritional patterns of the subjects was similar as all of them lived in the same area making the nutritional influence on the results of this study minimal.

(2) Socio-cultural variations affect physical activity patterns and motor performance. Although, the researcher could not control these variations, their influence on the results of the study were minimal as the subjects came from the same geographical area.

(3) Mood and motivation are some of the psychological factors that influence results of motor performance tests. The investigator could not exert any control over these psychological factors of the subjects. However, he made every possible attempt to ensure that the subjects were fully motivated and eager to participate in the tests.

CHAPTER II

REVIEW OF RELATED LITERATURE

2.1 INTRODUCTION

The purpose of this study was to find out differences between 13-18 year old Nigerian adolescents in body composition, growth pattern and motor performance. To achieve this purpose, all available relevant related literature was reviewed, which is presented and discussed in this chapter under the following subtitles:

(i) Definition and classification of Physical Fitness

(ii) Effects of participation in Physical Education Programme in Physical Fitness

(iii) Components of motor performance

(iv) Ethnic differences in growth and motor performance

(v) Growth

(vi) Biological maturation and performance

(vii) Pattern of fat distribution.

(viii) Summary.

2.2 DEFINITION AND CLASSIFICATION OF PHYSICAL FITNESS

The term "FITNESS" is perhaps one of the most controversial in the field of measurement for the basic fact that there has not been a universally accepted definition of fitness despite many references to the subject everyday. According to Matthews (1978), fitness is the ability of an individual to live a full and balanced life which involves physical, mental emotional, social and spiritual factors and the capacity for their wholesome expression.

Nixon and Jewett (1980) defined fitness as:

"that state which characterizes the degree to which the person is able to live most effectively with his potential. Ability to function depends upon the physical, mental, social, emotional and spiritual components of fitness, all of which are related to each other and are mutually interdependent."

The above definitions generally refer to the individual capacity to survive and live effectively in his environment. This fitness either directly or indirectly relates to the daily task being performed or accomplished. For example, if a man is unable to lift a 200kg weight, he is not fit for that task, yet he may be fit to lift a 50kg weight, on the other hand, researchers like Harrison (1976) are of the view that physical fitness is the opposite of being fatigued from ordinary muscular efforts. It is the ability to bear up to the last, to withstand pressure and to sustain under difficult conditions where unfit person would give up.

Matthews (1978) defined physical fitness as the capacity of an individual to perform a given physical tasks involving muscular efforts (Johnson et. al 1975), viewed physical fitness as the capacity to perform reasonably vigorous physical activities and includes qualities important to the individual's health and well-being in general, as opposed to characteristics that relates to performance of specific motor skills.

Television coverage of the Olympic and other major sporting events enable us to view the world's finest athletes in action who can be described as fit. The achievement of these athletes actually represent years of dedication, training and practice. They spent hours working out each day. As a result of this, they demonstrated more of the highest possible levels of physical fitness. However, all are not all going to be Olympic champions. Most of them lack the time, resources, ability and even interest. But, there are different levels of fitness. Each person has to decide what levels is desirable and attainable for himself or herself based on what daily tasks are to be performed but for the purpose of this study, physical fitness is defined as the ability to do ones

normal daily work with vigour and alertness without undue fatigue and with ample energy for leisure time activities and to meet unforeseen emergencies.

Physical fitness can be discussed under two broad categories; health related physical fitness and skill or performance related physical fitness. Corbin et.al (1974) said that the elements of health related elements of physical fitness are cardiovascular endurance, strength, flexibility, muscular endurance, and body composition, while the performance aspects are power, speed, reaction time, balance, agility and coordination. These are related more to movement skill competency than to health. However they are still part and parcel of the components of physical fitness.

A person's fitness relates to his ability to function in his overt and covert activities. This is demonstrated by his ability to perform vigorous motor activities. This phase of fitness, is often referred to as motor fitness, which consists of a number of individual traits it is similar to general athletic ability.

Motor fitness can be defined as one's ability to perform basic motor skills efficiently involving such elements as power, agility, speed and balance (Johnson and Nelson, 1979). Motor fitness can be used as a means for classification of students into homogenous groups. It is a tool for diagnosis of weakness in particular areas of motor performance. It serves as a source of motivation in which students are able to assess their own status. It is one of a number of measures for prognostic purposes and a test of physical achievement due to regular participation in a variety of vigorous activities.

2.3 EFFECTS OF PARTICIPATION IN PHYSICAL EDUCATION PROGRAMME IN PHYSICAL FITNESS

Wilbur (1943) compared two types of activity programmes, a sports program and an apparatus program, in developing motor fitness. The sport program was found to be superior for developing arm and shoulder strength, body coordination, agility, and control. The programmes were in improving leg speed and strength and endurance. In somewhat similar study Landiss (1955) investigated the contributions of eight selected physical Education activities to developing fitness. The combined activities of tumbling and gymnastics were most effective in developing motor fitness and motor ability and tennis, swimming, boxing ranked lowest.

Keogh (1962) compared the effects of a daily physical education program with those of a program which was organised twice a week on the development of motor fitness in third and fifth grade children (primary 3 and 5 in Nigeria). The actual time spent in class was the same for both programs. Daily program lasted for four weeks and the two - day - a - week program continued for ten weeks. Both programmes were equally effective in improving fitness. Fabricius (1964) found that a physical education program for fourth grade (primary 4) boys and girls in which calisthenics suggesting that inclusion of calisthenics on regular physical education programs has greater effect on fitness. Moreover knowledge of results of performance in calisthenics, games and sports facilitated improvement in motor fitness (Wireman 1960). Johnson and Nelson (1979) cited Harkeness who compared physical education program with an ROTC program in their effects on motor fitness as measured by the JCR Test. They reported that the physical education programme was significantly superior to the ROTC program in the development and maintenance of motor fitness, perhaps due to more vigorous activities included in the former

It appears desirable therefore that we develop (measure) health-related fitness than motor fitness in schools, because very little has been done as compared to the extensive work in health related particularly in Nigeria. This is especially so because of the fact that the objectives of physical education include the development of efficiency in the fundamental movements as well as the development of neuromuscular skills and organic efficiency (Johnson and Nelson, 1979).

2.4 COMPONENTS OF MOTOR PERFORMANCE

2.4.1 Power

Power may be identified as the ability to release maximum force in the fastest possible time, as is exemplified in the vertical jump, broad jump, shot put, and other movement against resistance in a minimum time. In physical education the measurement of power has become controversial enough to warrant the identification of two types of such measurement; athletic power and work - power measurements (Sharkey 1984). The former is expressed in terms of the distance through which the body or object is propelled through space, while the latter is used based on maximum effort placed on specific muscle group studied, it sometimes uses computations of work (force & distance) or power (work/time).

Power tests are an important factor in physical fitness and motor ability. Measurement of power can motivate students to improve upon their status within the class. It serves as a measure for determining achievement and is used for awarding of grades when improvement in athletic power is a specific objective in a physical activity class. It also serves as a means to indicate an individual's potential for athletic performance in future.

Studies have shown that systematic weight training can improve athletic power performance. However, Muller (1975) concluded that strong muscles do not necessarily indicate

better performance. Since dynamic training was found to be effective in improving athletic power performance, he theorized that static training might equally be as effective. However several studies failed to obtain gains in jumping performance to accompany static strength increase at the end of training programmes (Ball et. al. 1964, Berger, 1963) although other studies have found that isometric training improved strength and speed performance, the two important factors in power performance (Chui, 1964; Clarke, 1965; Johnson 1963). Obviously, studies are in conflict concerning the effectiveness of isometric training to increase power due to variations in testing procedures.

Adams (1934) found that the Sargent jump was a better means of classifying girls for individual athletic performance, since age, height and weight alone were found to be of little value.

Power measures were not found to increase or decrease with the increased age and growth of junior high girls enrolled in ungraded classes (Burley and Anderson, 1961). This finding is in conflict with the findings of other researchers. Power was found to increase during the early years until the middle age, after which there was declines in power performance (Dawson, 1945). Similarly, Sohi and Singh (1987) reported a comparative study of physical growth and motor ability development of 10 - 14 year boys from India and Nigeria. They found the Nigerian boys to be superior in explosive power as indicated by the mean value of standing broad jump, attributable to their generally more intense physical activity patterns. Also Musa's (1993) studied motor performance of school boys in Kano metropolis and found that significant jumping performance was observed among 16 - 17 years old group when compared to other age groups of 12 - 15 years.

Power has been measured and studied in various ways: viz. (a) athletic power method (b) Work-power method and (c) Motion photography where recordings of force, distance and time

were calculated.

2.4.2 Agility

Agility may be defined as the physical ability which enables an individual to rapidly change body position and direction in a precise manner (Sharkey 1984; Johnson and Nelson 1974). Agility is an important ability in many sport activities as exemplified in the fast game of badminton by two experienced players.

Agility can be used as an element for predicting potentials in different sport activities. It can be used to determine achievement and grades when agility is a specific objective in the teaching unit. It also serves as a factor in general motor ability and physical fitness tests.

It was generally believed that agility was almost entirely dependent upon one's heritage, however, measurement and research revealed that it could be improved through practice, training and instruction.

Johnson and Nelson (1974) reported in testing primary grade children, a moderately high positive correlation between physical growth and agility performance in boys and girls increase in agility performance up to fourteen years of age, after which girls seemed to decline while boys rapidly gained in agility performance, which was attributed to socio-cultural factors.

Johnson and Nelson (1979) reported that Solley found no significant evidence to support the claim that boys who are big for their age or small for their age may be expected to perform better or worse on agility items. For many years physical educators and coaches generally felt that muscular development associated with weight training was harmful to skill coordination. however, in recent years investigators have reported results which indicate that progressive resistances exercises tend to affect favourably the coordination of performers (Johnson and Nelson, 1979).

Musa, (1993) found improvement in performance from one age group to the next in agility. This finding is not surprising since previous studies have indicated that performance in motor tasks requiring power, agility, coordination and balance, improved steadily in boys through adolescence (Espenschade, 1969; Malina, 1974).

2.4.3 Speed

Speed and reaction time are considered to be largely innate abilities. However both can be improved through practice and training. As a result, it would appear only logical that practice and training improved performance in reaction time and speed of movement combined in a sequence of movements. Speed has been measured by short dashes. Total speed of movement includes both reaction time and movement time. Speed is the most exciting ingredient in sports. Reaction time is a function of the nervous system. Speed can be defined as the rate which a person can propel his body or parts of his body, through space (Johnson and Nelson, 1979). Therefore any significant improvement in reaction time is achieved by a greater awareness of appropriate stimuli and by repetition of appropriate response, which reduce central nervous system is processing time (Sharkey 1984). Even though speed of movement and speed of reaction may not show a significant relationship when these traits are measured separately and then correlated with each other, they cannot be separated in actual performance.

Speed is a factor in motor ability tests, motor fitness tests and sport skills tests. It can be used for diagnosis prior to specific practice and conditioning work. It helps in classifying student into homogenous groups for physical activities. A misconception held for many years by many coaches and physical educators was that strength building exercise, are detrimental to speed of movement. However, research has shown quite convincingly that just the opposite is true. Zorbas

and Karpovich (1951) found that weight training improved speed of movement. Johnson and Nelson (1979) reported that both isotonic and isometric exercise improved speed of movement while Crowder as cited by Johnson and Nelson (1979) showed that isotonic and isometric exercise produced significant improvement in reaction time. Micheal (1963), dealing with isometric exercises found significant gains in both speed of movement reaction of flexibility and weight training programs, given as supplements to sprint training, which improved speed and significantly more than the sprint training program alone.

Smith (1964) found that reaction time and velocity of the arm when in a state of stretch was not significantly faster than when the arm was relaxed or tensed. But when the prime movers of the limb were stretched, significantly faster performances resulted. The results of another study by Smith (1969) gave further support to the theory of specificity, in that differences in movement time of a limb involving a single joint are largely independent of strength measures of that limb and joint.

Motivation has been shown to be quite effective in bringing about faster speed of movement and reaction. Henry (1952) found that a motivated simple response transferred its increase in speed to a more complex response. Fairclough (1952) reported that motivated improvement in speed in one part of the could be transferred to another body part. Levitt and Cutin (1971) administered five choice reaction time and movement time tests while the subjects walked on a treadmill at heart rates of 80, 115, 145 and 175 beats per minute. The choice reaction time performance was best at 115 and poorest at 175, whereas movement time improved linearly with increase in heart rate. They concluded that reaction time and movement time are affected differently by physical exertion.

Krahenbuhl (1974) compared speed of movement on synthetic turf versus natural grass and also the relative effects of three types of foot wear on movement speed on the two surfaces. Movement times were on synthetic turf regardless of the footwear employed. Tennis shoes or soccer spike shoes on synthetic turf produced the fastest movement time.

Sohi and Singh, (1987) found that the Nigerian boys were faster over the 50 meters dash during all age (ie. 10 - 14) than their Indian counterparts, suggesting ethnic differences in speed.

2.5 ETHNIC DIFFERENCES IN GROWTH AND MOTOR PERFORMANCE

The cross-cultural arena is another aspect of growth and performance. Mc Cloy spent a considerable period in China and analysed the relationship between age, stature and weight and the physical performance of Chinese children and youth. He did not consider individual performance items; rather he used composite performance scores based on several tests. Although the nutritional status of the children was not considered per se, McCloy did note that the Chinese students were on average about 14% lighter for age and stature than children in the United States (McCloy, 1926).

Age contributed significantly to performance up to 13 years in American girls, but up to 16 years in Chinese girls. The difference was attributed to a "physiological explanation", which most likely represents differences between Chinese and American girls in the timing of sexual maturation. According to McCloy (1927) "Chinese girls retain an adolescent type of build longer than American girls....." This would imply, of course, that Chinese girls were delayed in sexual maturation and reached the adolescent performance plateau, which is commonly observed in girls from various cultural groups, later than American girls.

The growth (stature and weight) and performance (grip strength, 35 yard dash, standing long jump, softball throw for distance) were compared in a mixed longitudinal sample approximately 2,800 well-nourished Black and White elementary school children in Philadelphia (referenced) the results showed that the Zatopec and Manus children did not differ consistently from each other in stature and weight but were shorter and lighter than the better nourished American children. Their mean statures and weights were near the 5th percentile of United States reference data. However, weight for stature in the three samples was quite similar. The growth of the mild-to-moderately undernourished Zapotec and Manus children was thus proportionally stunted in stature and weight.

2.6 GROWTH

Life is characterized by movement and it is imperative that all parts of the body should be exercised daily. Predominance of scientific evidence indicates that daily exercise stimulates the processes of growth and development.

Growth tends to be continuous, but its rate is not constant; it follows a pattern of spurts and plateaus. Variations in growth rate occur among different individual and also in the same individual from time to time (Neilson and Jensen 1972). It is a complex process that is affected by genetic and environmental factors. Growing body mass is reflected by increased weight and longer length or taller height. Numerous growth standards or norms have been derived. Some norms have been developed from small or biased samples and this has tended to limit their application and usefulness.

Attempts have been made regarding the assessment of growth. One of such was by Wetzel (1948), who provided the Wetzel grid which has received much use and recognition. The child is

assessed over his or her school career with measures of height and weight taken at various prescribed ages. Nine general body types are designated on the grid, and the child's physique is recorded for each age. The developmental levels are used as criteria for identifying normal and abnormal growth patterns. Although the grid is very complicated, once its component parts are understood, it can serve as a useful tool for evaluating growth (Phillips and Hornak, 1979).

Another system using age, height and weight is Meredith's Height - Weight chart (1949). Its purpose is to provide useful information about the growth status of students. Norms have been developed for heights and weights at various ages. Height is categorized into five zones (ie. tall, moderately tall, average, moderately short, short). Weight is categorized similarly into five zones (heavy, moderately heavy, average, moderately light light). With the use of successive plottings, growth patterns can be developed (Phillips and Hornak, 1979). Thus, most measures of growth are utilized to monitor or predict physical growth of students of various ages. Research by Espenschade (1963) demonstrated that chronological age is an adequate criterion for classification purposes and age - height - weight indices give little additional information.

Adolescence has been defined in many ways by different authors (Cole, 1964; Hadfield, 1962; Malina, 1974; Edge, 1976; Jersild et al, 1978; Bamgbaye, 1979; and Howe 1980). From the definitions of adolescence given by these researchers, a fact that seems apparent is that adolescence is a period of time characterized by rapid growth and development in children. Body dimensions of height, weight and proportions increased rapidly at about the age of thirteen years and fifteen years for girls and boys respectively. Tanner (1978) clearly stated that

> *Practically, all skeletal and muscular dimensions takes part in the adolescent spurt. There is a fairly regular order in which the dimension accelerate; leg length as a rule reaches its peak first, followed a few months later by the body breaths and a year due to trunk growth rather than growth of the legs. The muscles appear to have their spurt a little after the last skeletal peak*

Similarly Kretchmer et al (1969) found that the head, the trunk, and the legs lengthened at different times and different rates during the adolescence period. Howe, (1980) explained further that in early adolescence, much of the gain in height was in the length of the legs, and in the middle and in later adolescence, the increments was in length of the trunk. Howe noted however that at maximum growth, girls grew five centimeters to ten centimeters per year. This increase might differ from place to place. Vlastovsky (1969) found that the gain in height per year for Soviet Union girls was less than three to six centimeters and the weight gain was two to five kilograms between ten to fifteen years of age. The studies conducted by Frisch and Ravelle (1969) showed that the mean height of the maximum gain in height for girls was 145cm to 148cm and the mean weight of the maximum gain in weight was 30kg to 40kg at the age of 12.0 + 0.17 years. Although rapid growth and development could be observed in girls, differences in the rate of maturity of the parts of the body varied from one girl to another, and from one country to another.

Another fact that emerges from the definitions of adolescence is that chronological age at which the period of adolescence begins and ends differs from one child to another. Growth began and ended in the age range nine to eighteen years (Wattenberg, 1973); eight to nineteen years (Malina, 1974), ten to sixteen years (Edge, 1976) and nine to nineteen years (Jersild et al, 1978) for girls.

Sexual differences were also cited as responsible for the difference of age in which adolescent changes began (Malina, 1974). Girls began the adolescent changes two year before the boys. Consequently to age difference at initiating the adolescent changes various adolescents were observed to be early developers, slow developers and late developers. However, under normal circumstances, all children followed the developmental processes sequentially (Lee, 1977).

Another point that seemed obvious from the definitions of adolescence was that children showed signs of sexual maturity during this period. Height and weight increased in the early and later stages of development of Secondary sex characteristics (Hurlock, 1972). Children seemed to pass through phases of development, each different and overlapping one another in time during the adolescent period. The average girl starts early adolescence at the age of ten to eleven years, middle adolescence at the age of fourteen years and post - adolescence at the age of sixteen to eighteen years (Jersild et al, 1978).

Finally there seemed to be a relationship between increased growth and maturation of the endocrine glands, the high activity of these glands causes greater secretion of hormones and the gonadotrophic hormone were the two associated with pubertal changes (Hurlock, 1972).

The first phase of adolescence is puberty, a period of rapid growth and development sometimes called a growth spurt. Several studies have provided insight into the phenomenon of puberty. Hadfiled (1962) stated that puberty occurred about the age of twelve to fourteen, and that the period was characterized by rapid growth in height; this growth spurt in girls start earlier than in boys by two years. Spock (1969) explained that puberty was a two-year period in which girls grew and developed rapidly before the first monthly period.

Different parts of the body grew at different rates and reached maximum size at different times. Maximum leg length was reached first; followed by body breadths and the shoulder width last. Body proportions were evident in childhood, but these became more pronounced at the adolescent period, suggesting the genetic factor in body proportions. During the whole 4 - year growth spurt stature increased about 25 percent (Hurlock, 1972). Marked growth with a maximum height increase occurred around 12 years (Anderson, et. al, 1975; Tanner, 1978; Jersild, et. al, 1978 and Howe, 1980). After the age of twelve, growth in height declined, but slow growth

in stature continued for several years (Bayner and Bayley, 1959; and Mussen et.al 1974). About 98 percent of growth in girls stopped at 16.25 years ± 13 months (Jersild, Brook and Brook 1978) and during the period of maximum growth, girls grew approximately 9cm per year (Jersild et. al 1978 and Tanner 1978). The rate of growth in girls from the age of fourteen to eighteen was minimal (Miklashevskaya, 1969).

Sohi and Singh (1987) found Nigerian boys to be significantly heavier than boys from India during the early years of their adolescence. The growth pattern when seen weight - wise were similar in nature whereas the increase in height from year to year differed slightly.

2.7 BIOLOGICAL MATURATION AND PERFORMANCE

McCloy (1938) studied the influence of "physiological age on performance". He utilized stage of public hair development after Crampton (1908) as the indicator of physiological age and related it, along with age, stature, and weight, to the aim strength and athletic performance (100 yard dash, standing long jump, running high jump, 8ib shot) of adolescent boys. The significance of pubertal status for performance was obvious as reported below:

It is particularly significant that the correlation of pubescence with athletic performance and with arm strength is high, even with chronological age, height and weight held constant. This is more significant with arm strength than it is with athletic ability. Both show their greatest significance between 14 and 15 years of age... from these facts, it would seem clear that the state of pubescence, or physiological age after the beginning of pubescence has a very real effect upon both growth and motor performance. (McCloy, 1938).

McCloy's observations are now common in studies of motor performance during male adolescence (Bellmen, et al; 1980; Clarke 1971; Espenchade, 1944; Jones, 1949; Nevers, 1948).

Observations of girls, though not as extensive, relate strength development to menarcheal status, i.e. pre versus post-menarcheal girls (Beunen, e tal; 1978; Carron e tal; 1977; Jones, 1949).

Given naturity-associated variation in the timing of adolescence and the time-spreading effect of chronological age, the timing of adolescent spurts in performance relative to the adolescent growth in stature (Peak height velocity (PHV) is of interest. Results of several longitudinal studies indicate reasonably well-defined spurts in several measures of strength and motor performance in boys and variation in the timing of the growth spurts in stature (Beunnen, et al; 1988; Carron and Bailey, 1974; Ellis et. al. 1975; Kemper, 1985; Stolz and Stolz, 1951).

Peak growth in muscle tissue of the arm in boys occurs almost coincidentally with peak weight gain, emphasising the role of muscle mass in the male adolescent weight gain. Data from several studies, each using different methods to estimate maximal growth in strength of the upper extremities, indicate peak gains that range from 6 to 14 months after PHV (Beunen et al; 1988; Carron and Barley, 1974; Kemper, 1985; Stolz and Stolz, 1951). It thus appears that muscle tissue increases first in mass and then in strength, which would seem to suggest a qualitative change in muscle tissue as adolescence progresses, or perhaps a neuromuscular maturation affecting the volitional expression of strength at this time.

Data relating motor performance to PHV in girls are not available. However, when performance is related to the time before, at or after menarche (which occurs, on the average, after PHV) there is no tendency for motor performance to peak before, at, or after menarche. Changes in performance over this span tend to be on average, relatively small. Menarche, however is a rather late maturational event that reoccur , on average, a bit more than one year after. PHV (Malina, 1989). Hence, relating performance to the age at menarche may not be adequate to detect spurts in performance unless data are available for several years prior to this maturational event.

2.8 BODY FAT PERCENT

In recent years, evidence has been accumulating to suggest that the total number of fat cells we have is fixed by the time we have reached full growth. After that time, our relative state of obesity is a matter of the size of the fat cells, that is, how much fat each cell contains. During the growing years, however, it appears possible to affect the total number of fat cells the individual will ultimately have. Thus exercise in the early years has been shown to decrease the number and size of fat cells (Oscai, 1973; Oscai et. al, 1974).

Generally, excess fatness contributes to poorer performance in most sports activities. Often an overfat child were to lose some of the surplus adipose tissue and his strength per kilogram of body weight would be increased, even without altering absolute strength.

It is clear that obese people, as a group have shorter life expectancy than the general population. The decreased longevity associated with obesity appears to be accounted for mainly in the high death rates from cardiovascular, renal and digestive diseases, diabetes and disorders of the liver. There is a strong suspicion that excessive fatness may be a factor in hypertension, gall bladder disease, degenerative joint disease, certain types of cancer, pulmonary emphysema, appendicitis, venous thrombosis and embolism and toxemias of pregnancy. Therefore excessive body fatness has been implicated as a risk factor in a number of instances (Cronk, et. al, 1983).

In many instances, a change in body weight is a simple increase or decrease in body fatness. However, this is a valid procedure only when the change is measured over a short period of time and then only if there have not bee unusual changes in hydration or significant changes in muscle mass as a result of conditioning or deconditioning programme.

Change in fatness over a period of time is determined by the way cloths fit (Kaka, 1983). A change in the cloths size is a meaningful and simple indication of a change in fatness. Even

though the body weight has not changed, a person participating in a fitness programme might show a decrease in body fatness and a change in size (Montoye, 1978) This observation is brought about by the lean body weight advantage.

The test item for determining the percent body fat of the individual undertaking the test include identifying cases of obesity or underweight which can be a disadvantage to students' motor performance. There are many methods used in the laboratory to estimate body density which is necessary for calculating percent body fat. These methods include under-water weighting, volume displacement, potassium K^{40} count isotopic dilution and ultrasound technique. However these method are very expensive, risky and its feasibility is limited for clinical or research purposes. At present the use of anthropometric skinfold methods particularly for large number of people is very popular. It involves the use of skinfold calipers which are not very expensive and suitable for a field test to be conducted on a large number of people within a short period of time. Dunin and Womersly (1974) measured skinfolds in 209 males and 272 females, age 16 - 72 years. They also determined the total body density of each subject by weighing him or her underwater (hydrostatic weighing). The equations were then developed to estimate from four skinfolds the percentage of any particular individual's weight that is due to fat.

Parizkova (1961) measured skinfold and underwater weight of boys and girls age 9 - 16 years using just two skinfolds (triceps and subscapula), she reported the correlation coefficient between hydrostatic weighing and the log of the skinfold to be from 0.81 to 0.95. She developed nomograms for use on the basis of her prediction.

Johnson and Nelson (1979) reported that Piscopo established norms and compared skinfold and other measurements of 647 Italian, Jewish and Negro pre-adolescent boys. Among the results revealed were the following; The largest skinfold measurements and upper arm girth,

thigh girth and bi-illac diameter measurements were found within the Jewish group, followed by the Italian and Negro groups, respectively; thigh girth approximately doubled upper arm girth measurements in all three groups. High correlations were found between skinfold and weight, but low correlations were found between skinfold and height.

Malina and Johnston (1967) studied age, sex and maturity differences in the composition of the upper arm. They found fat in the upper arm to be best predictor of weight in both sexes. Sex differences in the composition of the upper arm were found to arise essentially at adolescent due to the loss of fat in body.

Johnson and Nelson (1979) cited Gettman et. al. as having reported a greater loss in fat for the 5 - days - per - week exercise program than when subjects exercised only 3 days or 1 day per week. Furthermore they compared the effects of 15, 30 and 45 minute exercise sessions on body composition and certain physiological responses. It was found that the total skinfold measures were reduced in proportion to the duration of the training sessions.

2.8.1 Patterns Of Fat Distribution

Regional variation in the amount of adipose tissue is currently of interest since fat distribution, adipose tissue metabolism, abnormalities in lipid and carbohydrate metabolism, and several chronic diseases are associated in adults (Bjorntorp. 1986). Fat distribution refers to location of fat and not to the absolute or relative amount of fat. Adults with a more central (centroid) distribution of fat (e.g. relatively more on the abdomen than on the extremities) are apparently more at risk for cardiovascular disease and non insulin dependent diabetes(NIDD).

Since many chronic diseases have their roots in childhood and adolescence, regional variation in fat distribution during growth merits closer examination. McCloy (1936) recognised variation in

subcutaneous fat distribution during growth and the need to distinguish between subcutaneous, omental, and other internal fat. Using anatomical data, Mc Cloy described general trends in subcutaneous fat distribution during growth as follows:

The fat seems to be much more evenly distributed in the prepubescent of either sex. The postpubescent male develops the neck, back of arm, abdominal and thigh pads more than the hip pads, while the postpubescent female develops all of them, but seems to develop the abdominal pads less and the hip pads more than the male (Mc Cloy, 1936).

The distribution of sub cutaneous fat often viewed as a ratio between skinfold thicknesses, measured on the trunk and those measured on the extremities. Changes in the ratio between the sum of three trunk skinfolds (subscapular, suprailiac, and abdominal) and the sum of three extremity skinfolds (triceps, biceps and medial calf) are observed during growth. The proportional distribution of trunk and extremity subcutaneous fat is rather stable during childhood and is similar in boys and girls. Subsequently, sex differences in fat distribution occurs. Females appear to gain relatively more subcutaneous fat on the trunk during early adolescence and then gain fat on the trunk and extremities at a similar pace. Males accumulate relatively more fat on the trunk during adolescence, which is accentuated by a reduction in subcutaneous fat on the extremities at this time (Malina and Bouchard, 1988).

There is at present, no effective means of distinguishing between subcutaneous and internal fat in children. Assuming that the ratio of the sum of skinfolds taken at several trunk and extremity sites (six skinfolds as indicated above) to a densiometric estimate of fat mass (FM) provides an estimate of the contribution of subcutaneous fat to F.M. F.M. increases at a faster rate than subcutaneous fat during childhood in both sexes. The trend continues through adolescence in girls, but the relationship between subcutaneous fat and FM changes during male adolescence. Males

have proportionally more subcutaneous fat on the trunk relative to FM, and less on the extremities (Malina, 1989).

2.9 SUMMARY

From the literature reviewed it appears that power has been measured and studied in various ways. It has been studied by:

(a) athletic power method where extraneous movements are not eliminated

(b) work-power method were extraneous movements are eliminated and

(c) motion photography where recordings of force distance and time were collected to calculate power based on its mechanical principle obviously.

Results conflict with regard to the effectiveness of isometric training and power development due to variations in testing and training procedures.

It was a generally held view that agility is almost entirely dependent upon one's heritage, however research revealed that it could be improved through practices, training and instruction. Johnson and Nelson (1979) cited Espenschade that boys and girls increased in agility performance up to 14 years of age after which girls seem to decline while boys rapidly gained in agility.

Physical educators believed that strength - building exercise are detrimental to speed of movement. However, research has shown quite convincingly that just the opposite is true; that is strength training improved speed of movement. There have been numerous studies reported on constructing tests, contribution of various activities in developing fitness and relationship of fitness to other traits and types of performance. Research evidences have shown that programmes of conditioning would produce gains in motor fitness. In contradiction to this Johnson and Nelson (1979) cited Campney and Wehr that a ten - week training period utilizing the exercises advocated

by the President's Council on physical fitness was not likely to produce significant improvements in any of the fitness components studied except in flexibility.

Researchers have trouble in obtaining repeatable reading of anthropometric measurements even in the laboratory situation because it require knowledge, skill and practice. Therefore there was considerable value in making flesh marking with washable felt pen before measurements.

Skinfold calipers were used to evaluate body composition in a field situation so as to determine percent body fat. Individual teachers variation may make the data invalid if caution is not exercised during the process of measurements.

Numerous studies have been carried out on physical fitness and the physical education programmes. While some researchers have found significant interactions between them, others found no significant different between. So much attention has been focused on health related physical fitness, whereas there is sparsity of information on performance related physical fitness especially of our adolescents in the Secondary schools in Nigeria. Thus this study was undertaken to provide some base line data on the specific age groups and to evaluate the efficiency of the physical education programme in our Secondary school. This was also an aspect that is mostly emphasised to students at their physical education lesson. To achieve this objectives some of the instrument developed in America would be used on Nigerian to investigate their performances.

Secondly, the growth pattern of Nigeria adolescents would also be broadened and baseline data for understanding growth spurt and maturation would be provided.

CHAPTER III

METHODOLOGY

3.1 INTRODUCTION

This study investigated the body fat percent, growth and motor fitness performance of adolescent boys and girls in Nigeria

This chapter describes research design, measurement and tests, rationale for the selection of test items, testing protocol, sequence of test, instrumentation, subjects, testers, experimental control and statistical techniques used.

3.2 RESEARCH DESIGN

As the purpose of the study was to find out differences between 13-18 years old Nigerian boys and girls in body fat percent, growth and motor performance, a 2x6 factorial research design, as shown in paradigm I was used.

Sex	Age					
Male	13	14	15	16	17	18
Female						

Paradigm I: 2 x 6 Factorial Research Design for Sex and Age

In this research design fifty (50) boys and fifty (50) girls were randomly selected for each age group of 13,14,15,16,17 and 18 years from secondary schools. The height and weight of these subjects were recorded after which 3 girths, 7 lengths and 4 skinfold measurements were taken.

Tests of 50 meters sprint for speed, shuttle run for agility and standing broad jump for leg explosive power were conducted on them. The data thus collected was statistically analysed to test the hypotheses of the study.

3.3 MEASUREMENT AND TESTS

Four (4) skinfold measurements, body height and weight , 3 girths measurement and 7 length measurement of the subjects were taken, in the study. In addition shuttle run test for agility, standing broad jump for leg explosive power and 50 meter sprint for speed were conducted. These measurements and tests are described below:

3.3.1. Skinfold Measurements

(a) Skinfold: The purpose of this test was to estimate the percent body fat from the amount of skinfolds obtained from the triceps, subscapula, abdomen and surpraillac of the right side of the subjects. In this estimation, the following procedure as recommended by Ross and Marfell-Jones, (1983) was followed:

i. Locate the site of measurement carefully and then mark it with a felt pen. This will minimize measurement errors when the sites are marked in advance of taking the measurement.

ii. Grasp the skinfold between the thumb and forefingers of the left hand. Make sure that the fold is as large as possible and that it contains all the subcutaneous fat at the site of measurement

iii. Hold the fold between the finger and thumb of the left hand while the measurement is being taken.

iv. Take the reading 4 - 5 seconds after the application of the caliper jaws.

v. Make sure that the skinfold is not distorted by pressure or tension from adjacent clothing.

vi. Read to the nearest mm and remove the calipers and the gripping hand from the site.

vii. Record the score in mm

The four skinfold are added together and substituted in one of the following equations of Watson, (1983)..

Boys: Body density = $1.1533 - 0.0643 \log_{10}$ [total skinfolds]

Girls: Body density = $1.1369 - 0.0598 \log_{10}$ [total skinfolds]

Conversion of body density scores to an estimate of per ntage body fat was made using the equation:

$$\text{Percentage Body Fat} = \left(\frac{4.95}{\text{Body Density}} - 4.5 \right) \times 100$$

3.3.2. Anthropometric Measurements:

(a) **Height**: The subjects were measured without shoes. They stood with their backs fully stretched with the head erect. The standiometer was used at right angle to the subject's head. The upper surface was horizontal and not titled and care were taken that the pressure, did not cause the subjects to slump or alter their position. The subjects were told to bend their knees slightly when stepping away so as not to disturb the angle before the height is recorded. The heights were recorded in centimeters (Johnson and Nelson, 1979).

(b) **Weight**: The subjects were weighed wearing minimum clothing such as gym shorts. They were measured at the same time of the day and to the same degree of accuracy usually to the nearest half kilogram. The tester controlled the weighing situation so that there was minimum embarrassment on the part of the subjects. The subjects stepped on the scale barefooted and

looked straight ahead, while the tester read the weight in kilograms and recorded it (Johnson and Nelson, 1979).

(c) **Girth Measurements** (circumference) (Johnson and Nelson, 1979):

i. ***Arm Girth***: Arm Girth was measured when arm was maximally flexed and muscles fully contracted. Also the greatest girth when the biceps is fully extended and contracted. A constant tension tape will be used for the measurement and will be recorded in centimeters.

ii. ***Waist Girth***: The tape was placed around the waist, on the skin, at the level of the umbilicus. The tape was maintained at a horizontal position across the back of the subject and read to the nearest centimeter.

iii ***Hip Girth***: The tape was placed horizontally around the hip at the level of the greater trochanter and read to the nearest centimeter. In cases where the exact level were difficult to locate, the subject was asked to flex the hip joint and the head of the trochanter was felt for while the leg is moving. The reading were taken to the nearest centimeter.

(d) **Length Measurements**: For length measurements the Harpanden antropometer was used to measure the following:

i. ***Trunk Length***: The standing height minus leg length.

ii. ***Upper arm length***: From the acromion process to the tip of the olecranon process at the elbow joint

iii. ***Lower arm length***: From the olecranon process at the elbow joint to the tip of the third finger.

iv ***Total arm length***: From acromion process to the tip of the third finger.

v ***Upper leg length*** From the greater trochanter to the knee joint.

vi ***Lower leg length*** From the knee joint to the floor.

vii ***Total leg length***: From the greater trochanter to the floor.

All these measurements were taken to the nearest centimeter (cm).

3.3.3. Motor Performance Tests:

(a) **Shuttle Run Test:** This test was to measure the agility of the subjects, in running and changing direction. Two lines were marked 30ft apart, the starting line and the second with blocks of wood arranged. The subject stood behind the starting line and on the signal "go", ran, picked one block of wood and returned to the starting line. The process was repeated with the second block. The subjects ran as fast as possible across the finish line. Some time were allowed between two trials.

The score for each subject was the length of time required to the nearest tenth of a second to complete the course of the shuttle run (Philips and Hornak, 1979).

(b) Standing broad jump: This test was used to measure the muscular power of the lower limbs in jumping forward. The subjects were encouraged to jump as far as possible to along distance.

With the feet parallel to each other and behind the starting line, the subject bends the knees and swings the arms and jumps forward as far as possible. The subject if upon lading falls backward. the measurement is made between the starting line and the nearest part of the body touching the landing surface.

Only three (3) trials were allowed in which the amount of force generated in one best maximum effort was recorded. The distance to the nearest centimeters at the end of the jump were measured (Philips and Hornak, 1979).

(c) **50 Meters Dash Test**:This was to measure speed of movement. Two subjects ran at the same time. Both started from a standing position so as not to put subjects who were not familiar

with other starting positions at a disadvantage. The commands "Are you Ready" and "Go" were given. At the command to go the starter dropped his arm so that the timer at the finishing line can start the timing. The subjects ran as fast as possible across the finish line. The elapsed time from the starting signal until the subjects crossed the finish line were measured to the nearest tenth of a second (Philips and Hornak, 1979).

3.4 RATIONALE FOR SELECTION OF TEST ITEMS

Three (3) test items from previous studies were recommended by the AAHPER Youth Fitness test (1976). These include shuttle run, 50 meters dash and standing broad jump because of their reliability as test of agility, speed and reaction time and lower limb power respectively.

3.4.1 Shuttle Run

Fleishman (1964) concluded from his study that a shuttle run measures agility, as 50 meters dash measures speed and reaction time. But each of these emphasizes different muscle groups. However, they are for general speed and gross body movement. Verducci, (1980) stated from their study that three trials should be given in the shuttle run test.

3.4.2 50 Meters Dash

The 50 meters dash has been found as a valid measure of general total body speed. This however has not been challenged. Fleishman (1964) on the basis of factor analysis chose 50 meters dash as one of the test batteries for measuring general speed. Klesius (1968) reported a test - retest reliability coefficient of 0.86; whereas Baumgartner and Jackson (1970) reported a

coefficient of 0.94. They also found that there was a higher test - retest coefficient for the last 30 meters (0.975) than for the total 50 meters (0.949)

3.4.3 Standing Broad Jump

This item has been accepted as a valid measure of explosive muscle power of the leg extensor muscles. Fleishman (1964) included the standing broad jump as a test under the factor of explosive strength of lower limb. Verducci. (1980) concluded that one trial could be given than the three recommended in the AAHPER Youth Fitness test battery. Klesius (1968) reported a test - retest reliability coefficient of 0.94 in a study involving 150 tenth grade boys as subjects. Kane and Meredith (1952) found 0.97 to 0.99 reliability coefficient in the standing broad jump with boys and girls from 7 to 9 years of age.

3.4.4 Anthropometry

This involves the measurement of the external parts of the body. There are two types of anthropometric measuring instruments, one associated with body dimensions and the other with somatotyping. The two common body measurements used in physical education are those concerned with the girth or circumference and girth measurement of various body segments. Girth measurement include:

Arm girth
Waist girth
Hip girth

Length measurements include:

Standing height
Trunk
Upper arm
Lower arm
Total arm
Upper leg

Lower leg
Total leg

Skinfold thickness was measured in accordance with suggested standardized anthropometric protocol (Ross and Marfell-Jones, 1983) of triceps, subscapular, abdomen and suprailiac sites of the body. It had been observed earlier that the skinfold measurement of various sites of the subjects in the same age category showed high correlation test - retest value of 0.742 to 0.93938 (Montoye et al 1965).

3.5 TESTING PROTOCOL

All subjects were observed medically to be healthy. Before the tests were conducted, every subject gave his or her consent to be tested and clearance from their parents were obtained because they were still minors. They were then given explanations and demonstrations of the tests (see appendix A).

The subjects were given the opportunity to ask questions and told that of their free will, could decline to participate. All the subjects participated while the tests items were administered at random. There was no announcement of the next test until it was time to go to the testing spot. This was to improve reliability. At the testing spot the subjects were allowed to practice or warm up.

3.6 SEQUENCE OF TESTS

In order to eliminate the influence of fatigue caused by previous test involving the same muscle groups and to minimise error variance, measurements and tests were recorded in the following sequence.

(i) Height

(ii) Weight
(iii) 50 meter sprint
(iv) Girth measurements
(v) Standing broad jump
(vi) Length measurements
(vii) Shuttle run



3.7 INSTRUMENTATION

The instruments used in the study are listed below according to each test conducted or measurement taken:

a. Skinfold measurement

Harpenden skinfold calipers (Johnson and Nelson 1979): Skinfold calipers were used to measure skinfold thickness of triceps, abdomen, suprailiac and subscapular.

b. Anthropmetric measurements

(i) ***Harpenden anthropometer*** (Johnson and Nelson, 1979). This is a segmented tube with a fixed cross-arm at the top and when the four segments were joined to make a larger caliper of 2 meters long, a movable sleeve-like cross arm slided along the entire length of the tube to indicate length dimension. Calibration was in centimeters.

(ii) ***Weighing scale*** (Shermond) (Johnson & Nelson, 1979). Shermond weighing machine was used to measure weight and height.

(iii) ***Girth measurement*** A constant tension metallic tape (Johnson & Nelson, 1979). This was used to measure the different girths or circumferences.

c. Motor Performance Tests

(i) ***Shuttle run test***: Whistle and stopwatches were used in addition to using blocks of wood for starting.

(ii) ***Standing broad jump test***: Measuring cloth tape was used to measure distances covered during the standing broad jump.

(iii) ***50 meters sprint test***: Whistle and stopwatches were used.

3.8 SUBJECTS

The average height of the boys was 1.60 ± 0.11 meters, which range from 1.30 - 1.88m, whereas the average height of the girls was 1.57 ± 0.07m, with a range of 1.22 - 1.79m. The average weight of the male subjects was 48.50 ± 10.83 kilograms (kg), with a range of 21-89kg. The average weight of the female subjects was 49.99 ± 8.03 which range from 24-87kg.

3.9 TESTERS

A total of six (6) testers were used in this study, out of these testers, 3 were females and 3 were males. All the testers were oriented about the purpose and procedure of the test. They were personally trained by the researcher to take girth, length and skinfold measurement as well as to conduct motor performance tests till they obtained test-retest reliability coefficient of 0.90 and above. One tester for girth, one tester for lengths and one tester for skinfold measurement of boys were used. Similarly, another 3 testers were used for the girth, length and skinfold measurements

of the female testers. The female testers were used for girls and the male testers for boys. After taking the measurement the testers conducted the three motor performance tests.

In order to avoid tester bias, all the testers were rotated randomly from test to test and measurement to measurement. However, because of socio-cultural restriction, female testers were used for female subjects and male testers for male subjects.

3.10 EXPERIMENTAL CONTROLS

In order to enhance systematic variance and minimize error variance, the following experimental control were maintained throughout the testing.

1. All subjects were observed to be medically healthy. Before the tests were conducted, every subject gave his or her consent to be tested and clearance from their parents was obtained because they were still minors (see Appendix A).

2. No attempt was made to record atmospheric pressure, temperature and humidity during testing. However, it was assumed these climatic conditions were the same during the tests and they were conducted at the same time of the day and during the same season.

3. In order to minimize error variance, all instruments used in this study were tested for validity, reliability and objectivity.

3.11 STATISTICAL ANALYSIS

The data collected were analyzed using descriptive as well as inferential statistical techniques. Analysis of variance (ANOVA) was used for differences between age groups in different variables. Post hoc test was conducted to locate the significance of the differences when F was significant.

CHAPTER IV
RESULTS AND DISCUSSION

4.1 INTRODUCTION

The purpose of this study was find out differences between 13-18 year old Nigerian boys and girls in growth, body fat and motor performance. The data collected were analysed using the computer facilities at National Animal Production and Research Institute (NAPRI) A.B.U. Shika, Zaria. The results of these analyses are presented and discussed in this chapter according to the hypotheses of this study. The decision was made to reject or accept null hypothesis at alpha value of 0.05.

4.2 RESULTS

Before the results are presented according to hypothesis, information regarding the means and their variance of growth measures of the subjects is given according to age and gender in Table 4.1

A careful observation of Table 4.1 shows that male and female subjects reach their peak at different times in the growth of the different segments of the body. For example, female subjects peaked earlier than the male subjects in trunk length, lower arm length, total arm length, upper leg length and total leg length. in which the male subjects peaked much later. But for these differences, growth patterns in the different body segment was very much similar for male and female subjects as shown in Figure 4.1, 4.2 and 4.3.

Table 4.1: Mean and Standard Deviation of Growth Measurements of Trunk, Upper Arm, Lower Arm, Upper Leg, Lower Leg Lengths as per Age and Gender.

Variables	Gender	Stat.	Age					
			13	14	15	16	17	18
Trunk Length (cm)	Male	n	104	101	135	105	105	102
		$\bar{x}$	58.77	59.55	61.04	62.83	65.86	65.12
		S.D	4.68	4.87	7.33	7.06	6.02	5.28
	Female	n	103	102	101	100	99	101
		$\bar{x}$	61.24	63.25	62.04	62.23	63.06	61.65
		S.D	5.17	6.06	5.24	7.29	5.72	7.05
Upper Arm Length (cm)	Male	$\bar{x}$	29.26	30.85	32.15	32.79	33.94	33.75
		S.D	5.05	2.86	2.73	2.52	2.61	3.13
	Female	$\bar{x}$	30.36	31.59	32.5	32.78	33.08	32.7
		S.D	2.3	3	2.13	3.36	6.18	2.11
Lower Arm Length (cm)	Male	$\bar{x}$	42.09	44.34	45.91	47.21	48.48	48.65
		S.D	3.51	2.99	2.69	3.29	3.16	2.98
	Female	$\bar{x}$	43.04	44.18	44.72	45.14	45.66	45.09
		S.D	2.43	2.26	1.99	2.95	2.39	2.83
Total Arm Length (cm)	Male	$\bar{x}$	74.2	74.99	77.84	80.08	81.93	82.3
		S.D	6.84	5.55	5.09	5.3	4.71	4.95
	Female	$\bar{x}$	73.33	75.31	76.39	78.1	77.89	77.44
		S.D	4.33	5.61	6.11	5.28	3.67	5.57
Upper Leg Length (cm)	Male	$\bar{x}$	42.36	45.68	46.78	48.98	48.86	49.89
		S.D	3.22	3.57	3.93	4.23	5.41	4.01
	Female	$\bar{x}$	42.76	44.72	46.21	48.06	47.26	46.49
		S.D	3.82	4.18	3.86	3.36	3.31	3.15
Lower Leg Length (cm)	Male	$\bar{x}$	47.76	49.81	50.99	52.28	52.68	53.3
		S.D	3.59	3.28	3.87	3.55	3.11	4.77
	Female	$\bar{x}$	47.25	48.39	49.56	49.29	49.01	50.01
		S.D	3.02	2.82	2.42	2.72	3.22	2.57
Total Leg Length (cm)	Male	$\bar{x}$	90.12	95.05	97.88	100.92	101.9	103.82
		S.D	6.21	6.9	6.56	7.05	5.34	6.16
	Female	$\bar{x}$	90.1	92.71	95.75	97.83	96.33	96.48
		S.D	6.37	5.91	5.38	6.23	5.53	4.49

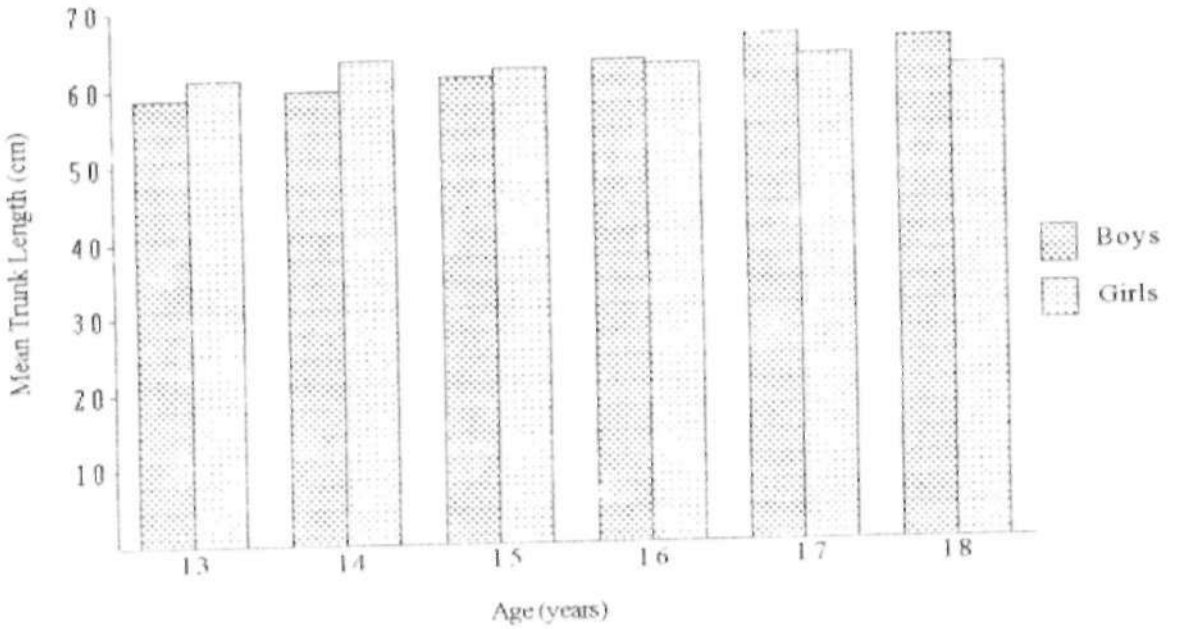


Figure 4.1 **Histogram of Trunk Lengths for Boys and Girls**

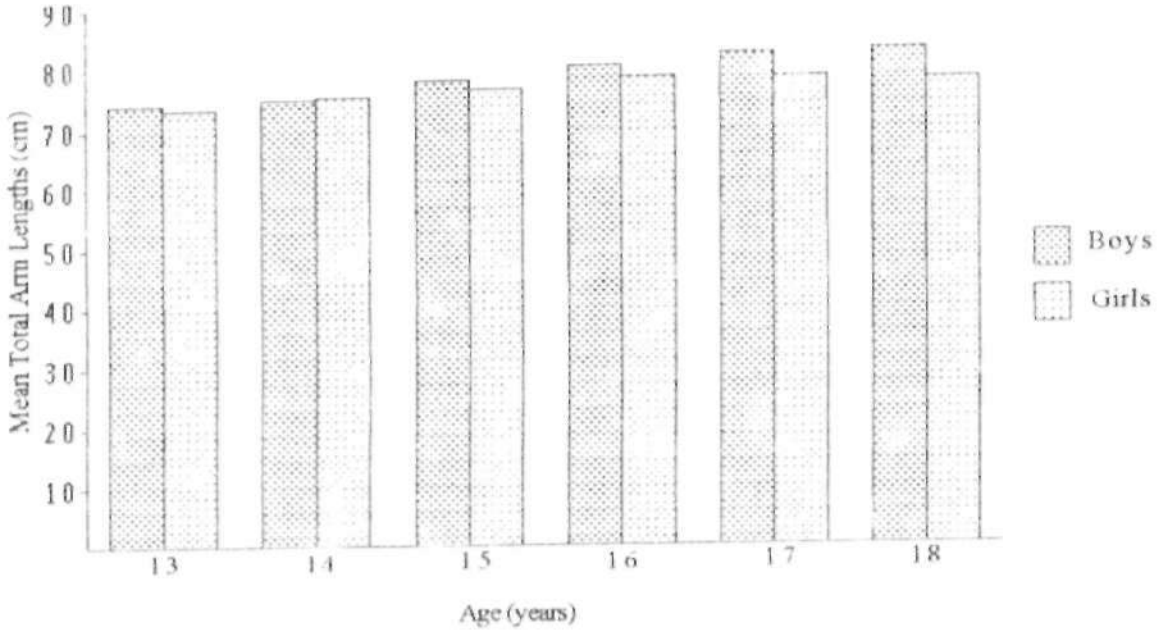


Figure 4.2 **Histogram of Total Arm Lengths for Boys and Girls**

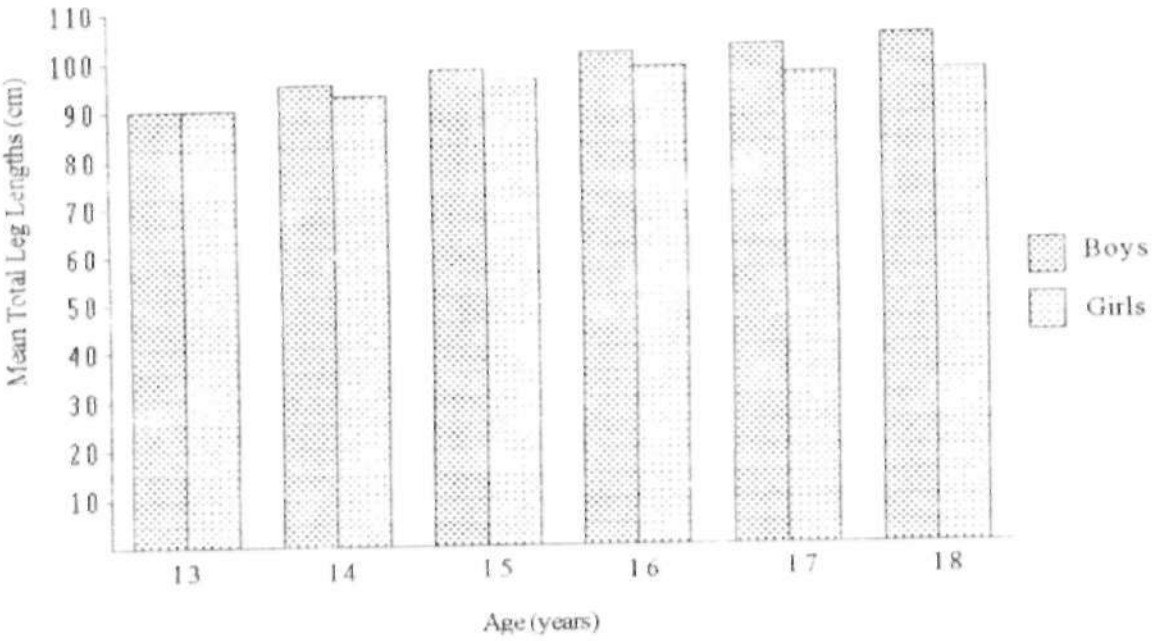


Figure 4.3 Histogram of Total Leg Lengths for Boys and Girls

Information regarding mean growth measures and their variance of male and female subjects for arm, hip and waist girth is shown in Table 4.2.

Table 4.2 clearly shows that female subjects peaked earlier than the male subjects in all the 3 girth measurement which included arm, hip and waist girths. As in the case of length measures the pattern of growth in girth measure the pattern of growth in girth measure was very much similar for male and female subjects.

These results, coupled with the findings of length measures generally suggest that girls reach puberty earlier than boys.

Table 4.2: Mean and Standard Deviation of Growth Measurements of Arm, Waist and Hip Girths as per Age and Gender.

Variables	Gender	Stat	Age					
			13	14	15	16	17	18
Arm Girth (cm)	Male	$\bar{x}$	19.49	20.85	21.81	22.99	23.56	24.22
		S.D	1.71	2.22	2.1	2.81	1.83	2.42
	Female	$\bar{x}$	20.66	22.15	22.09	23.34	23.87	23.06
		S.D	1.86	2.06	1.78	2.43	1.94	2.05
Hip Girth (cm)	Male	$\bar{x}$	71.82	76.42	78.26	80.93	83.18	84.94
		S.D	7.08	5.81	5.12	6.49	5.66	6.5
	Female	$\bar{x}$	77	81.19	83.82	84.79	87.42	85.29
		S.D	6.18	5.79	5.62	7.69	6.11	5.85
Waist Girth (cm)	Male	$\bar{x}$	64.16	67.32	67.69	69.81	70.83	72.9
		S.D	4.79	5.51	5.98	5.5	6.49	6.21
	Female	$\bar{x}$	66.2	67.92	71.02	69.37	71.18	69.77
		S.D	5.71	5.31	4.85	8.58	4.78	6.21

4.2.1 Growth

Sub-Hypothesis I: There are no age and gender related differences in the growth of adolescent boys and girls.

To test this hypothesis, generally, Linear models procedure was used to find out the significance of differences due to gender, due to age and due to interaction of age and gender in the different growth measures. The results of which are shown in Table 4.3.

Table 4.3: Analysis of Growth Variance with Age and Gender

Variables	Age	Gender	Interaction
Trunk Length (cm)	14.47**	0.40	11.12**
Upper Arm Length (cm)	36.51**	0.05	33.44**
Lower Arm Length (cm)	77.36**	84.68**	18.56**
Total Arm Length (cm)	66.97**	31.44**	11.97**
Upper Leg Length (cm)	72.98**	28.59**	5.49**
Lower Leg Length (cm)	42.11**	140.04**	7.59**
Total Leg Length (cm)	85.09**	99.68**	9.71**
Arm Girth (cm)	92.68**	17.82**	9.63**
Hip Girth (cm)	94.76**	131.24**	4.95**
Waist Girth (cm)	31.65**	1.52	6.99**

$DF(5, 1246)\ 0.05 < 2.22$

Schefe's post-hoc test applied to locate the significance of these significant age and gender differences in trunk length, the results of which are shown in Table 4.4.

Table 4.4 Summary of Schefee's Post - Hoc Analysis for Trunk Lengths by Age and Gender

	13	14	15	16	17	18
13				*	*	*
14					*	
15					*	
16						
17	*	*	*			
18	*					

Significant gender difference was due to mean difference between boys and girls in trunk length at age 15, whereas the boys reached their peak trunk length Table 4.4 reveals that significant

age differences in trunk length were due to differences between 13 versus 16,17,18 between 17 versus 13,14 and 15 year age groups.

Results of Schefe's post-hoc test for significant age and gender differences in upper arm length are shown in Table 4.5.

Table 4.5 Summary of Schefee's Post - Hoc Analysis for Upper Arm Lengths by Age and Gender

	13	14	15	16	17	18
13		*	*	*	*	*
14			*	*	*	*
15	*	*			*	
16	*	*				
17	*	*				
18	*	*				

Table 4.5 reveals that the significant age differences in upper arm length were due to differences between 13 versus 14-18 age groups, between 14 versus 15-18 age groups. Similar significant age group differences were found in lower arm length, upper leg length, lower leg length, total leg length, and total arm length as shown in Tables 4.6, 4.7, 4.8, 4.9 and 4.10.

Table 4.6 Summary of Schefee's Post - Hoc Analysis for Lower Arm Lengths by Age and Gender

	13	14	15	16	17	18
13		*	*	*	*	*
14	*		*	*	*	*
15	*	*			*	*
16	*	*				
17	*	*	*			
18	*	*	*			

Table 4.7 **Summary of Schefee's Post - Hoc Analysis for Upper Leg Lengths by Age and Gender**

	13	14	15	16	17	18
13		*	*	*	*	*
14	*		*	*	*	*
15	*	*		*	*	*
16	*	*	*			
17	*	*	*			
18	*	*	*			

Table 4.8 **Summary of Schefee's Post - Hoc Analysis for Lower Leg Lengths by Age and Gender**

	13	14	15	16	17	18
13		*	*	*	*	*
14	*		*	*	*	*
15	*	*				*
16	*	*				
17	*	*				
18	*	*	*			

Table 4.9 **Summary of Schefee's Post - Hoc Analysis for Total Leg Lengths by Age and Gender**

	13	14	15	16	17	18
13		*	*	*	*	*
14	*		*	*	*	*
15	*	*		*	*	*
16	*	*	*			
17	*	*	*			
18	*	*	*			

Table 4.10 Summary of Schefee's Post - Hoc Analysis for Total Arm Lengths by Age and Gender

	13	14	15	16	17	18
13		*	*	*	*	*
14	*		*	*	*	*
15	*	*		*	*	*
16	*	*	*			
17	*	*	*			
18	*	*	*			

Results of Schefe's post-hoc test for significant gender and age differences in girth measures are shown in Table 4.11, 4.12 and 4.13.

Table 4.11 Summary of Schefee's Post - Hoc Analysis for Arm Girths by Age and Gender

	13	14	15	16	17	18
13		*	*	*	*	*
14	*		*	*	*	*
15	*	*		*	*	*
16	*	*	*			
17	*	*	*			
18	*	*	*			

Table 4.11 reveals that significant age differences in arm girth were mainly due to differences between 13 versus 14,15,16,17,18, between 14 versus 15,16,17,18 and between 15 versus 16,17,18 age groups in arm girth (circumference).

Table 4.12 Summary of Schefee's Post - Hoc Analysis for Hip Girths by Age and Gender

	13	14	15	16	17	18
13		*	*	*	*	*
14	*			*	*	*
15	*			*	*	*
16	*	*	*			
17	*	*	*	*		
18	*	*	*	*		

Table 4.12 shows that significant gender differences in hip girth were due to differences between boys and girls at 13 and 15 age levels in arm girth. Significant age differences between 13 versus 14-18, between 14 versus 16-18, and between 15 versus 16-18 age groups in hip girth.

Table 4.13: Summary of Schefee's Post - Hoc Analysis for Waist Girths by Age and Gender

	13	14	15	16	17	18
13		*	*	*	*	*
14	*			*	*	*
15	*					*
16	*	*				
17	*	*				
18	*	*	*			

Table 4.13 reveals that the significant gender differences in waist girth were due to differences between boys and girls at 13 and 15 age levels, suggesting that sex difference in waist levels at other age levels were not significant. Similarly significant age differences in waist girth were due to differences between 13 versus 14-18, between 14 versus 16-18 and between 15 versus 16-18 age groups in waist girth.

4.2.2 Body Fat Percent

Results regarding the mean values of 13-18 year old boys and girls in body fat percent are shown in Table 4.14.

Table 4.14. Means and Standard Deviation of Percentage Body Fat of Subjects by Age and Gender.

Gender	Stat.	Age					
		13	14	15	16	17	18
Male	n	102	101	135	100	100	100
	%	15.28	16.43	17.59	19.68	19.15	18.93
	S.D	2.02	2.24	9.92	5.9	4.8	6.68
Female	n	103	102	101	100	99	101
	%	27	28	30.61	29.19	30.91	30.64
	S.D	4.33	4.16	5.08	5.66	3.25	2.95

An examination of Table 4.14 indicates that the body fat percent (%) had a linear increase until the age of 17 when it dropped to (19.15%) for boys. The girls mean values similarly increased but dropped at age 16 (29.19%). The boys mean values (17.8%) of body fat percent were consistently lower than those of girls (29.4%).

Sub-Hypothesis II: There are no significant age and gender related differences in body fat percent of adolescent boys and girls.

In order to test this hypothesis the data collected on body fat percent (%) was statistically analyzed by using general linear models procedure. The results of this analysis are shown in Table 4.15

Table 4.15: Analysis of Percentage Body Fat Variance with Age and Gender

Source	DF	TYPE IIIss	Mean square	F
Gender	1	41,185.98	41,185.98	1,427.25
Age	5	2,517.34	503.47	17.45
Age-gender	5	337.53	67.51	2.34

$F(5, 1246) = 2.22 < 0.05$

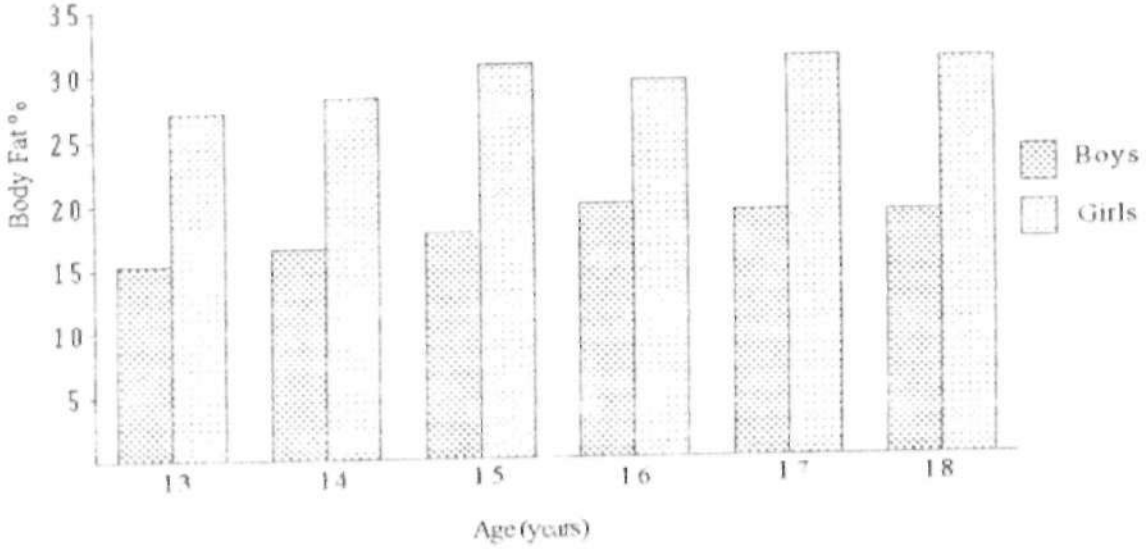


Figure 4.4 Histogram of Body Fat % for Boys and Girls

Scheffe's post-hoc comparison showed significant differences between 13 versus 14-18, between 14 versus 15-18and between 15 versus 16-18 age groups. Perusal of table 4.15 shows significant gender and age differences in body fat percent. In addition table 4.15 indicates significant influence of the interaction of age and gender on the variability of body fat percent. Application of Scheffe's post-hoc test showed that significant differences in body fat percent were due to differences between 13 versus 15-18, between 14 versus 16-18 and between 15 versus 17

age groups in body fat percent. Suggesting that after 15 years of age the adolescent boys and girls became stable in the body fat percent. The gender differences in body fat were due to differences between boys and girls at all age levels, indicating that the girls had significantly higher body fat than the boys throughout their adolescence.

4.2.3 Motor Performance

Mean scores of 13-18 years old boys and girls in motor performance tests are shown in Table 4.16.

Table 4.16: Mean and Standard Deviation of Motor performance of Subjects by Age and Gender.

Variables	Gender	Stat.	Age					
			13	14	15	16	17	18
Shuttle Run (sec) (Agility)	Male	n	102	101	136	105	102	102
		$\bar{x}$	11.16	10.96	10.98	11.14	11.11	10.86
		S.D	0.91	0.84	0.88	0.94	1.25	1.09
	Female	n	103	102	101	100	99	101
		$\bar{x}$	12.53	12.48	13.43	12.87	13.07	12.36
		S.D	1.09	1.17	2.01	2.02	1.72	1.7
Fifty metres (sec) (Speed)	Male	$\bar{x}$	8.3	8.02	8.09	8.23	8.59	8.41
		S.D	0.62	0.79	1.23	0.83	1.88	1.23
	Female	$\bar{x}$	10.75	10.81	10.82	10.56	10.25	10.84
		S.D	2.1	2.62	2.49	2.34	1.92	2.96
Standing Broad Jump (m) (Power)	Male	$\bar{x}$	1.77	1.9	1.93	2.02	2.04	2.12
		S.D	0.21	0.23	0.25	0.27	0.24	0.23
	Female	$\bar{x}$	1.52	1.53	1.57	1.59	1.59	1.53
		S.D	0.21	0.27	0.31	0.23	1.22	0.23

Careful examination of table 4.16 shows that both boys and girls peaked in agility at age 18, whereas boys peaked their general speed at age 14 which is earlier than 17 year of age at which girls peaked. However, girls, peaked their performance in explosive power at age 16, which was earlier than age 18 which boys peaked. Table 4.16 further shows that both boys and girls develop their agility, speed, and power gradually till they reach their peak after which they were either stable or on slight decline, as shown in Figure 4.5.

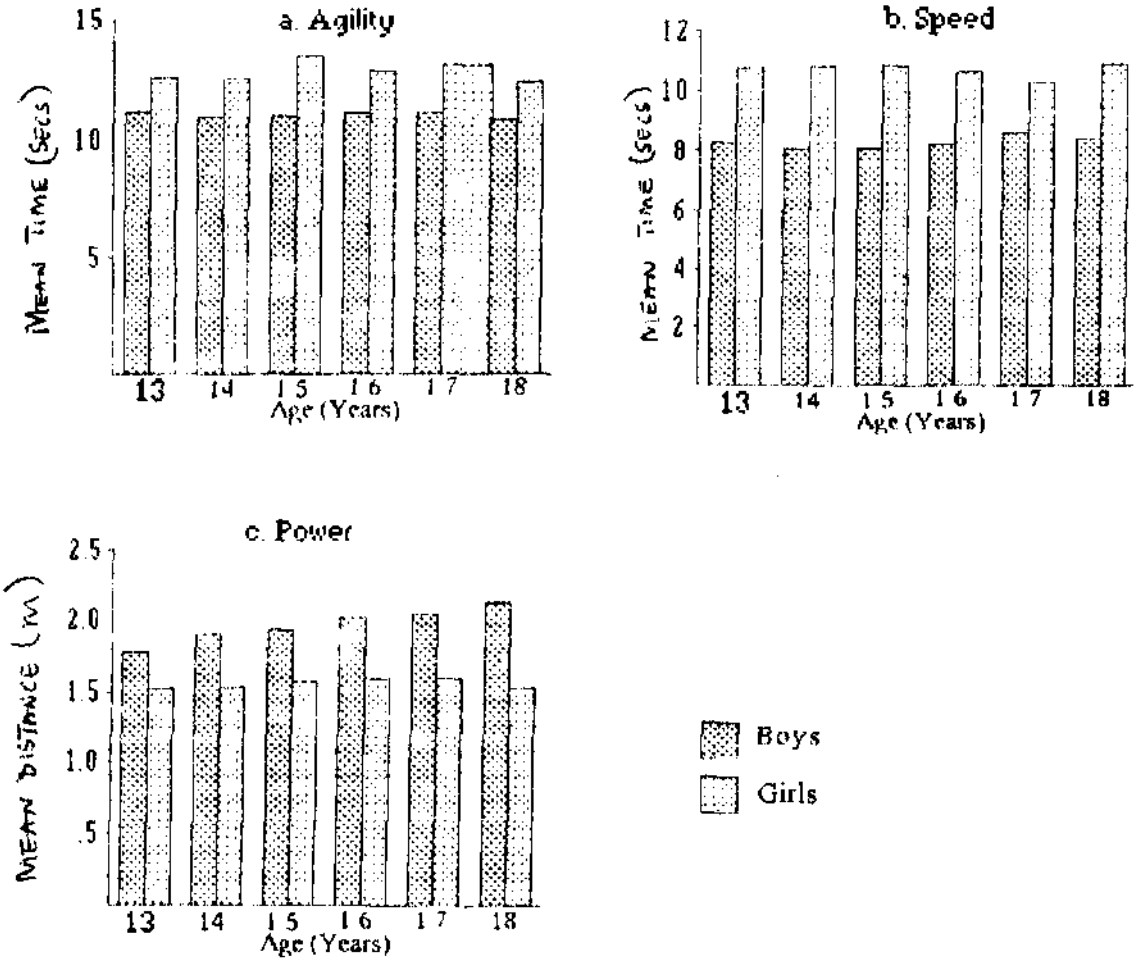


Figure 4.5 Histograms of Motor Performance for Boys and Girls

Sub-Hypothesis III: There are no significant age and gender related differences in the motor performance of 13-18 years old boys and girls.

To test this hypothesis, general linear models procedure was used because of the unequal number of cells in the data that provided information on gender, age and gender and age interaction differences in motor performance. The results of which are shown in Tables 4.17, 4.18 and 4.19.

Information regarding gender and age differences in agility as determined by shuttle run test is shown in Table 4.17

Table 4.17 Gender and Age Differences in Agility

Source	DF	TYPE IIIss	Mean square	F
Gender	1	41,185.98	41,185.98	1,427.25
Age	5	2,517.34	503.47	17.45
Age-gender	5	337.53	67.51	2.34

$F(5, 1242) = 2.22 < 0.05$

Table 4.17 shows significant gender, age and gender and age interaction differences in agility. Application of Schefe's post-hoc test to locate the significance of the differences showed that boys and girls were significant difference in agility at ages 15 and 17. The age difference became significant because of difference between 17 and 18 years age group in agility.

Results of the analysis of performance of boys and girls in speed as determined by 50 meters sprint are shown table 4.18 which also shows gender and age differences in speed.

Table 4.18 Gender and Age Differences in Speed

Source	DF	TYPE IIIss	Mean Square	F
Gender	1	1,750.12	1,750.12	491.2
Age	5	7.17	1.43	0.1
Age-Gender	5	37.43	7.49	2.1

$F(5, 1244) = 2.22 < 0.05$

Table 4.18 reveals insignificant age, and age and gender interaction differences in speed, suggesting that the age levels included in this study did not have significance on the general speed of the subjects. However, there were significant gender differences in general speed which was due to differences between boys and girls at ages 13-18 years, suggesting that boys were superior to girls throughout the adolescence period in speed performance.

Information regarding gender, age and gender and age interaction differences in explosive leg power as determined by standing broad jump is shown in table 4.19.

Table 4.19 Gender and Age Differences in Explosive Power

Source	DF	TYPE IIIss	Mean Square	F
Gender	1	49.92	49.92	841.1
Age	5	5.42	1.08	18.25
Age-Gender	5	2.54	0.51	8.56

$F(5, 1242) = 2.22 < 0.05$

A careful examination of table 4.19 shows significant age, gender and gender and age differences in explosive power of 13-18 year old boys and girls. Gender differences in explosive

power became significant because of differences between boys and girls at ages 16-18 years, indicating that boys improved their performance at these age levels than the girls did. Age differences in explosive power became significant because of differences between 13 versus 15-18 and between 14 versus 16-18 year age groups in explosive power, indicating that improvement in explosive power was faster from 15-18 years of age.

4.3 DISCUSSION

4.3.1 Growth

The result of this study showed significant differences between boys and girls and variation between ages 13,14,15 and 16,17,18 in growth measures. The study showed that at ages 13 - 15, girls surpassed boys in trunk , upper arm , lower arm , total arm , and total leg lengths. The girths on the arm, hip and waist, for girls were significantly higher than for boys at ages 13,14, and 15, But, boys at ages 16,17,18 surpassed the girls, in all anthropometric measures. These finding are in line with those of Diejomaoh and Foar (1983), Adeniran and Orodele (1988), Thomas and French (1985) and Adeyanju (1994) who found similar differences, suggesting that preadolescent and adolescent boys were superior to the girls in the same age group except in balance task. Also, preadolescent girls were superior to their male counterpart in all the measured anthropometric variables However, boys at adolescence were superior to the girls in the same age groups in this measures. These sex differences are attributable to the fact that girls attain growth spurt two (2) years earlier than boys (Tanner, 1962). However when boys attain growth spurt two (2) years later, they surpass girls in all growth variables. Therefore, the rapid increase in body length and limbs of boys at adolescence is explained by the delayed growth spurt which happens at age 16,17,18 as opposed to ages 13,14,15 in girls (Adeyanju 1994). Similar trend is observed in the

growth spurts of American, European and Asian adolescents. These universal trend can therefore be attributed to biological sex differences in growth and maturation.

Although and development have been shown to start sat different ages, the growth pattern seems to remain constant. As a result, some children develop faster than others (Tanner, 1978). Variations in body shape, size and proportion should be expected because of the different timing of growth initiation, genetic components, physiological functioning of internal organs and the rate of growth and developmental potentials due to cultural activities. Kaka (1983) reported greater variability in body dimensions in the 13 year old girls than in the 16 year old girl. Similarly certain degree of uniformity in the rate of growth of the body dimensions at the five ethnic groups (Hausa, Fulani, Tiv, Berom and Yoruba.) at 16 years of age was observed. The rate of growth and development of one part of the body different from that of the others. All these patterns and rates of growth seemed to occur between ages of 13 and 16 years in girls only.

Howe, (1980) explained that in early adolescence much of the gain in height was in the length of the legs and in the middle and later adolescence the increment was in the length of the trunk. Although rapid growth and development could be observed in girls from this study, differences in the rate of maturity of the parts of the body must have varied from one girl to another. The chronological age at which the period of adolescence begins and ends differ from one child to another (Malina, 1974, Malina, 1989, Kemper, 1985 and Beunen et al 1988).

Nutritional deficiency had been suggested to be among the major causes of variation in age at which children started experiencing the adolescent changes (Hurlock, 1972, Anderson, et al 1975). Watternberg (1973) also saw a relation between tallness and greater secretion of the growth stimulating hormone of the anterior pituitary. One might therefore assume that the greater the secretion of the hormone, the taller the child and the lesser the secretion the shorter the child.

Sex differences were also cited as responsible factors for the difference of age in which adolescent changes began (Malina, 1974). Thus, the results of this study failed to support its null hypothesis on gender and age related differences in growth measures.

4.3.2 Body Fat Percent

Body composition is based on the proportion of body fat to the lean body mass, which influences one's ability to move. This implies that with more fat deposition performance is affected more.

Results from Table 4.14 indicated a significant difference ($P < 0.05$) between among the age groups in body fat percent. Further analysis in Table 4.15 confirmed that age and gender are significant factors which affect the amount of body fat. In this study, the female groups were found to be fatter than their male counterparts, but age was however a discriminating factor within gender groups. The older female group (16,17,18) were fatter than younger female groups (13,14,15 years old), while the older male group (16,17,18) were in the same way fatter than the 13,14,15 year old males. These findings are in agreement with previous studies which had similar groups of subjects (Musa 1993, Adeyanju 1994, Chado 1986)

Percent body fat was estimated, using skinfold method and was compared to that of other groups. In general the subjects in this study appeared to be fatter than other groups reported in the literature. This may be as a result of lack of definite participation in physical education programme in the school system studied. However, the gender and age differences found in this study support the findings of the previous studies and failed to support the null hypothesis of this study.

4.3.3 Motor Performance

The results from this study showed that the male subjects generally performed better in various fitness test than their female counterparts. These data are in agreement with those of previous studies, which involved both female and male groups, whose age categories were similar to those of this study. Campbell and Pohndorf, (1972) reported that the male groups were better than the female groups in AAHPER physical fitness test which compared the Great Britain and American children. Elnashar and Mayhew, (1984) found that the Egyptian boys performed better than the girls who took part in AAHPER tests. Mosher and Carre (1982) reported that the Canadian grade 11 male students were superior to their female grade 11 students in physical fitness test items. White brook (1962) observed similarly among Australian children who participated in AAHPER tests. The boys were much better than girls though their performance, were generally weaker than those of British and American children.

There was variation in motor performance of the subject in the study. The findings indicated that gender and age were important in explaining differences in motor performance of the subjects, with the exception of the speed run which showed gender difference from one age group to the next. This finding is not surprising because previous studies indicated that performance in tasks requiring power and agility improve steadily in boys through adolescence (Espenschade 1960, Malina 1974)

The significant differences observed in the jumping performance of adolescent is consistent with previous findings (Uppal and Lakew, 1990; Sloan 1966, Musa 1993, Sohi and Singh 1987). Performance of boys at ages 18,17,16 respectively was superior when compared to the girls' best performance at ages 17,16,15 respectively. However, there were significant differences ($P < 0.05$) between the age groups that participated. The male average performance was 1.96 meters (196

cm) while the females was 1.56 meters (156cm). This suggested that males consistently performed better than females attributable to neuro-humonal and physical differences. Because of increased secretion of testosterone in boys during adolescence, they tend to have greater and strong musculature which again encourages them to participate in more vigorous physical activities.

Watson (1978) compared physical performance of male physical education students with that of boys of the same age (18 years). The Physical Education students jumped an average distance of 211.33 + 18.54cm while the nonphysical education students covered only 184.40 + 16.76 cm. When compared to the subjects in this study the Physical Education groups reported performed better than the Nigerian adolescent students this may be attributed to the fact that they may not be as physically fit as the subjects of Watson. Corbin and Noble (1980) reported that the males are stronger than the females in lower limb muscle strength. Haywood (1986) stated that girls plateau or even regress during adolescence.

Power was found to increase during the early years until they approach middle age, after performance (Johnson and Nelson 1979). Furthermore, Johnson and Nelson (1979) quoted Espenschade who found that both boys and girls increase in agility performance up to 14 years of age, after which girls seem to decline while boys rapidly gain in agility performance. The results of this study support the above findings in agility performance. The findings of this study generally failed to support the null hypothesis on age and gender differences in motor performance. This study further showed gender differences not only in the magnitude of improvement in of motor performance but also in the peaking of motor performance, between adolescent boys and girls.

CHAPTER V

SUMMARY, CONCLUSION AND RECOMMENDATIONS

5.1 SUMMARY

The integrated nature of growth and maturation is maintained by the interaction of genes, hormones, nutrients, and the environment in which the individual lives. This complex interaction regulates one's growth and maturation and in general one's physical metamorphosis. An individual's genotype can be viewed as representing potential. Whether a child attains this growth potential for example, depends on the environment in which he or she is reared. In a growth study, the child is observed in phenotypic form, that is, a product of his/her genotype and environment. The partitioning of genotypic and environmental components in growth and maturation are important to understanding these processes. Therefore, the purpose of this study was to find out the growth, body fat and motor performance patterns of Nigerian secondary school adolescent boys and girls aged 13-18 years.

One thousand, two hundred and sixty six (1,266) boys and girls were randomly selected which included fifty (50) boys and fifty (50) girls from each of the following age groups 13,14,15,16,17 and 18 years. Measurement of weight, height, trunk, upper arm, lower arm, total arm, upper leg, lower leg, and total leg length; and girth measurements of arm, hip and waist were recorded. Speed, agility and power were evaluated by administering 50 meters run, shuttle run and standing broad jump respectively. The data collected was analysed, using the SPSS programme of the National Animal Production Research Institute, (NAPRI), Shika, Ahmadu Bello University, Zaria. Descriptive statistics, analysis of variance and Scheffe's post-hoc tests to locate the specific difference in the means P}0.05 were used to test the hypotheses of the study.

From the results of this study, gender and age significantly demonstrated consistency as determinants of motor performance, growth and body fat. They were statistically significant and comparable with trends observed among Americans, Europeans, and Asians adolescents. This universal trend can therefore be attributed to biological sex differences.

5.2 CONCLUSION

Within the limitations of this study, the overall result of the study suggests that:

1. Gender is an important variable which affects the level of motor performance. Therefore in interpreting motor performance scores gender difference must be recognised. In addition, age category must be considered when awarding marks based on performance because it influences performance level.

2. Differences in physical growth and motor performances exist among boys and girls at adolescence. This was attributed to the rapid physical development and changes that occur at adolescence. Hence the result obtained for power and agility indicated the level of motor skills acquisition and refinement.

3. Differences in motor performance due to chronological age and gender occurred during adolescence which must be carefully considered in designing physical activities for these age categories in schools.

4. The girls were consistently fatter than boys throughout the adolescence period. Older adolescents were fatter than the younger adolescents among both sexes.

5. The patterns of growth and development however were similar in nature mostly for each gender and age. But in certain age categories there were differences either between boys and girls or within the same gender and age.

5.3 RECOMMENDATIONS

From these findings, it is recommended that:

1. Gender and age be given important consideration in evaluating motor performance or fitness of adolescent boys and girls in Secondary schools. However, in certain age categories, the norms may not have any difference for boys and girls.

2. Physical educators and coaches should take cognisance of the acquisition of skills and refinement in complex sports playing and use them to develop programmes which would

enable youths to participate to their full potentials in the various sports of their choice in schools and later in adult life.

3. Physical Education programmes in the schools must enphasize practical participation to prevent the common incidence of excess body fat among the students and to improve their health rather than the present concentration on theory lesson. This however, requires the state governments to provide adequate personnel, equipment and facilities for schools to implement the curriculum and Physical Education should continue to be a compulsory subject at the Junior Secondary school (JSS) and an examinable subject at the Senior Secondary School (S.S.S) in the Nigerian school system.

5.4 Area For Further Research

The following areas are suggested for further research.

1. As differences between boys and girls in performance are often attributed to socio-cultural factors, it would be interesting to find out how boys and girls of the same age groups respond to the same training stimulus in motor performance. Though this study found significant differences between age groups in different growth measures, it could not find any trends for such differences in Peak Height Velocity (PHV). It is therefore suggested that studies should be conducted in Gender differences in Peak Height Velocity (PHV) and also on associations between Peak Height Velocity, growth measures and motor performances.

2. Cross-cultural studies are recommended for finding ethnic and geographical differences in growth and development.

3. Studies are also recommended to find out differences between early maturers and late maturers in motor skill acquisition, performance and pattern.

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APPENDIX A

DEPARTMENT OF PHYSICAL AND HEALTH EDUCATION
AHMADU BELLO UNIVERSITY ZARIA

INFORMED CONSENT FOR PARTICIPATION IN MOTOR FITNESS TEST

In order to participate in this test I, ...
the undersigned subject voluntarily agreed to take part in this study.

apart from the said study, I understand and agree that during participation complications may arise, if the person exercising is not to tolerating work well, it usually becomes necessary that exercise can be stopped by my decision or that of the investigator or his representative. other risks in addition to mild headaches, and even fainting may occur during participating but rare.

Student's Signature:.....

Date:.....

Witness Name:.....

Signature:.....

Date:.....

Department of Physical Health Education
Ahmadu Bello University,
Zaria.
Date.....

I wish to request permission from you to measure your child. the measures to be taken are height, weight, limb measurement and girth, skinfold thickness for assessment of body fat and motor fitness performance. The motor fitness performance test include 50 meters dash, shuttle run and standing broad jump.

The tests which will be used have carefully developed and approved by scientist s and practitioners in physical education and machine. All measurements will be done individually by a member of a fully trained testing team and are no more stressful than normal involvement in sport or physical education programmes.

All the information obtained on your child will be kept strictly confidential and the results will be grouped for reporting. I am sure that those students who are included in this testing will find it enjoyable interesting and educational.

I would need the student dressed in T-shirt and shorts or sports outfit an canvass shoe, with socks for testing to the participation of your child in this research work.

Yours sincerely.

J.A. Gwani
(Researcher)

APPENDIX B

PERSONAL DATA FORM

NAME OF SCHOOL----------AGE----------

BOYS/GIRLS----------;

(I)	Anthropometric Measurements			
	Height(m)			
	Weight(kg)			
	Arm Girth(cm)			
	Hip girth(cm)			
	Waist girth(cm)			
	Trunk length(cm)			
	Upper arm length(cm)			
	Lower arm length(cm)			
	Total arm length(cm)			
	Upper leg length(cm)			
	Total leg length(cm)			
(II)	Skinfold Thickness			
	Triceps(mm)			
	Abdomen(mm)			
	Supra illac(mm)			
	Subscapula(mm)			
(III)	Motor Performance Test			
	Shuttle Run (Secs)			
	50 Meters (Secs)			
	Standing Broad Jump(cm)			

APPENDIX C

RAW SCORES

OBS	SCH	AGE	GEN DER	STATE	HT	WT	AM G	HP G	WS G	TK L	UR M L	LR M L	TAR M L	UL G L	LL G L	TL G L	TR I C	AD B O	SUP R	SUS B A	HUT TL E	MET 50	SBJ	DENSITY	PERC
1	DSS ABUZARIA	13	F	KG	1.58	53	22	87	77	56	35	46	81	49	53	102	12	15	12	13	12.48	9.23	1.38	1.034	28.7
2	DSS ABUZARIA	13	F	AB	1.40	31	18	66	61	51	29	39	68	43	46	89	6	6	6	5	11.56	8.54	1.63	1.055	19.2
3	DSS ABUZARIA	13	F	IM	1.54	51	24	85	67	57	30	46	76	48	49	97	12	14	8	12	11.00	8.44	1.50	.	27.3
4	DSS ABUZARIA	13	F	KG	1.53	39	19	79	70	58	31	43	74	44	51	95	6	8	8	9	11.58	8.75	1.75	1.049	21.9
5	DSS ABUZARIA	13	F	AK	1.57	44	22	79	66	66	35	43	78	41	50	91	9	10	10	9	12.34	9.13	1.61	.	25.5
6	DSS ABUZARIA	13	F	AB	1.54	35	17	73	58	63	34	41	75	44	47	91	4	5	5	5	12.26	10.13	1.40	.	16.8
7	DSS ABUZARIA	13	F	ED	1.58	45	20	77	69	62	32	42	74	45	51	96	6	11	6	8	11.97	10.05	1.57	.	21.9
8	DSS ABUZARIA	13	F	OY	1.49	33	16	68	63	58	29	41	70	42	49	91	5	6	6	6	12.12	11.00	1.43	.	19.2
9	DSS ABUZARIA	13	F	ED	1.56	39	21	75	62	66	33	42	75	44	46	90	9	10	7	10	11.63	10.10	1.56	.	23.7
10	DSS ABUZARIA	13	F	OD	1.46	38	21	77	65	58	31	41	72	40	48	88	10	12	6	9	11.04	9.17	1.62	.	24.6
11	DSS ABUZARIA	13	F	KG	1.54	42	22	81	66	57	32	44	76	48	49	97	14	18	8	10	11.21	9.84	1.69	.	28.1
12	DSS ABUZARIA	13	F	KD	1.55	46	21	84	64	63	29	43	72	44	48	92	14	14	10	11	12.72	9.44	1.50	.	27.8
13	DSS ABUZARIA	13	F	KG	1.64	52	23	86	73	63	32	43	75	48	53	101	11	14	10	12	11.87	8.82	1.66	.	27.1
14	DSS ABUZARIA	13	F	KW	1.56	37	19	73	68	64	33	43	76	44	48	92	7	10	10	9	11.21	8.59	1.48	.	15.6
15	DSS ABUZARIA	13	F	IM	1.44	40	20	75	69	45	29	42	71	35	44	99	8	10	10	10	10.78	7.75	2.10	.	23.7
16	DSS ABUZARIA	13	F	KW	1.43	38	20	73	68	57	28	40	68	40	46	86	8	10	12	9	12.41	8.88	1.94	.	24.6
17	DSS ABUZARIA	13	F	KD	1.46	35	18	73	64	54	31	41	72	44	48	92	12	15	11	9	12.37	9.40	1.20	.	27.3
18	DSS ABUZARIA	13	F	AB	1.54	48	22	81	73	57	32	46	78	48	49	97	10	12	12	11	11.53	7.70	1.59	.	27.3
19	DSS ABUZARIA	13	F	BN	1.54	40	20	77	67	62	35	43	78	45	47	92	11	9	10	10	11.12	8.72	1.52	.	25.5
20	DSS ABUZARIA	13	F	KG	1.52	44	21	78	72	63	33	43	78	44	45	89	8	14	9	10	12.01	8.63	1.83	.	25.5
21	DSS ABUZARIA	13	F	KG	1.47	43	21	78	62	60	28	43	71	45	42	87	10	16	18	14	12.60	9.22	1.50	.	30.1
22	DSS ABUZARIA	13	F	OD	1.53	39	21	74	65	68	31	42	73	42	43	85	10	10	9	9	12.58	7.28	1.58	.	24.6
23	DSS ABUZARIA	13	F	BO	1.38	24	17	67	60	51	27	39	66	43	44	87	6	5	9	6	11.51	9.86	1.62	1.052	20.5
24	DSS ABUZARIA	13	F	OD	1.54	47	19	74	68	62	31	43	74	44	48	92	5	9	6	9	13.14	9.60	1.42	1.049	21.9
25	DSS ABUZARIA	13	F	KG	1.52	47	22	83	80	58	34	44	78	44	50	94	12	12	11	12	12.35	9.78	1.22	1.036	27.8
26	DSS ABUZARIA	13	F	ED	1.52	43	20	77	68	72	31	44	75	43	47	80	10	10	9	9	12.25	8.32	1.73	1.043	24.6
27	DSS ABUZARIA	13	F	KG	1.53	37	19	74	67	63	33	45	78	43	47	90	9	10	6	10	11.15	11.00	1.37	1.045	23.7
28	DSS ABUZARIA	13	F	ED	1.59	67	27	99	90	62	34	43	77	47	50	97	20	29	27	22	17.14	17.00	1.44	1.018	36.2
29	DSS ABUZARIA	13	F	KG	1.59	53	23	85	74	62	34	46	80	46	51	97	14	10	10	12	10.62	8.28	1.42	1.037	27.5
30	DSS ABUZARIA	13	F	KD	1.56	46	21	83	76	60	31	43	74	46	50	96	11	16	12	12	13.07	11.16	1.38	1.035	28.1
31	DSS ABUZARIA	13	F	KG	1.44	42	20	79	69	53	30	41	71	43	48	91	9	12	9	8	11.41	8.86	1.67	1.043	24.6
32	DSS ABUZARIA	13	F	KD	1.46	43	22	83	71	57	30	42	72	43	46	89	20	21	11	13	11.96	8.71	1.51	1.028	31.5
33	DSS ABUZARIA	13	F	KG	1.54	54	24	86	64	57	30	42	72	47	50	97	22	18	13	12	11.41	9.25	1.62	1.028	31.5
34	DSS ABUZARIA	13	F	AK	1.52	55	23	86	74	59	28	42	70	46	47	93	20	20	16	14	10.41	8.19	1.80	1.027	32.0
35	DSS ABUZARIA	13	F	KW	1.57	47	23	81	60	63	31	44	75	45	49	94	14	15	14	13	11.00	8.54	1.45	1.032	29.7
36	DSS ABUZARIA	13	F	KG	1.50	45	23	79	77	56	29	40	69	45	49	94	18	20	12	11	11.72	10.21	1.50	1.034	28.7
37	DSS ABUZARIA	13	F	LA	1.61	42	20	78	72	63	32	48	80	47	51	98	9	14	9	9	11.28	8.18	1.67	1.041	25.5
38	DSS ABUZARIA	13	F	KG	1.56	44	20	78	64	61	33	47	80	45	50	95	10	14	9	10	11.52	11.19	1.60	1.040	25.5
39	DSS ABUZARIA	13	F	NG	1.54	47	22	81	71	60	31	45	76	45	49	94	19	24	20	11	11.82	9.62	1.53	1.025	32.9
40	DSS ABUZARIA	13	F	KG	1.40	34	20	71	69	55	30	38	68	38	47	85	14	16	11	9	11.71	9.21	1.65	1.035	28.1
41	DSS ABUZARIA	13	F	KD	1.64	49	21	88	79	69	33	46	79	45	50	95	12	16	12	16	12.12	11.17	1.32	1.032	29.7
42	DSS ABUZARIA	13	F	KW	1.53	42	19	77	70	61	32	44	78	45	47	92	9	9	7	8	12.22	9.35	1.86	1.047	22.8
43	DSS ABUZARIA	13	F	AN	1.68	50	21	80	70	61	36	47	83	51	56	107	12	12	10	8	11.37	8.50	1.55	1.040	25.5
44	DSS ABUZARIA	13	F	KW	1.60	49	21	83	72	60	33	45	78	50	50	100	9	18	9	9	12.66	9.07	1.89	1.037	27.3
45	DSS ABUZARIA	13	F	KG	1.66	50	22	83	75	65	34	48	82	49	52	101	16	14	10	13	12.18	8.81	1.84	1.034	28.7
46	DSS ABUZARIA	13	F	BN	1.61	47	21	80	68	61	36	50	86	48	52	100	10	10	9	10	13.34	8.50	1.65	1.042	25.0
47	DSS ABUZARIA	13	F	KG	1.61	56	23	85	72	61	35	48	83	48	52	100	14	13	8	14	12.90	9.84	1.43	1.036	27.8
48	DSS ABUZARIA	13	F	OY	1.53	48	21	82	72	57	33	45	78	45	51	96	7	12	12	13	12.27	10.88	1.64	1.039	26.6
49	DSS ABUZARIA	13	F	AB	1.44	33	18	68	61	59	29	41	70	41	44	85	4	4	4	5	11.97	9.67	1.69	1.063	15.7
50	DSS ABUZARIA	13	F	KW	1.59	39	20	72	61	62	31	44	75	47	50	97	8	9	8	9	12.95	9.13	1.85	1.045	23.7
51	DSS ABUZARIA	13	F	OY	1.58	44	21	77	64	57	32	47	79	49	52	101	8	8	8	8	12.06	8.53	1.42	1.047	22.8
52	DSS ABUZARIA	13	F	KD	1.52	50	25	82	65	59	29	45	74	46	47	93	10	12	10	12	11.72	9.13	1.65	.	26.6
53	DSS ABUZARIA	13	F	KW	1.58	44	22	75	67	59	30	48	78	47	52	99	12	14	10	10	11.68	9.77	1.61	.	27.3
54	DSS ABUZARIA	14	F	KG	1.59	57	27	91	75	66	32	43	75	45	48	93	20	14	10	12	13.46	8.79	1.48	1.030	30.6
55	DSS ABUZARIA	14	F	KG	1.60	46	26	84	69	61	33	45	78	49	50	99	14	14	10	10	11.67	9.28	1.54	1.036	27.8
56	DSS ABUZARIA	14	F	BN	1.46	39	24	80	65	56	26	42	68	42	42	84	10	9	8	10	11.67	7.55	2.02	1.043	24.6
57	DSS ABUZARIA	14	F	KD	1.62	64	29	91	79	63	32	46	78	50	49	99	22	26	24	18	12.34	9.36	1.64	1.022	34.2

58	DSS ABUZARIA	14	F	KG	1.57	49	26	89	73	66	30	43	73	45	46	91	14	11	8	9	12.69	9.44	1.64	1.040	25.5
59	DSS ABUZARIA	14	F	NG	1.58	46	24	84	70	68	26	42	68	44	46	90	15	15	9	11	13.13	9.15	1.48	1.035	28.1
60	DSS ABUZARIA	14	F	PL	1.55	43	23	82	67	64	30	45	75	44	47	91	11	11	4	8	12.09	10.35	1.58	1.045	23.7
61	DSS ABUZARIA	14	F	OY	1.54	50	24	86	70	59	31	45	76	47	48	95	12	14	18	10	12.12	8.57	1.93	1.009	40.6
62	DSS ABUZARIA	14	F	KG	1.63	48	21	83	69	59	34	47	81	51	53	104	14	16	14	11	12.38	9.22	1.68	1.033	29.1
63	DSS ABUZARIA	14	F	KG	1.53	45	22	74	66	58	31	46	77	47	49	95	12	14	10	12	10.66	10.75	1.68	1.036	27.8
64	DSS ABUZARIA	14	F	KG	1.58	47	22	79	67	67	37	44	81	41	50	91	10	12	8	11	10.55	9.25	1.43	1.040	25.5
65	DSS ABUZARIA	14	F	IM	1.55	45	22	79	63	62	33	44	77	41	52	93	11	9	9	9	11.68	9.34	2.10	1.042	25.0
66	DSS ABUZARIA	14	F	AB	1.64	51	24	85	70	65	31	44	75	50	49	99	6	8	5	8	13.81	8.38	1.91	1.052	26.1
67	DSS ABUZARIA	14	F	IM	1.58	47	24	88	71	69	28	43	71	43	46	89	10	10	10	10	12.62	10.90	1.63	1.041	25.5
68	DSS ABUZARIA	14	F	BN	1.65	47	23	79	72	62	36	48	84	47	56	103	15	10	8	10	12.69	8.60	1.26	1.039	26.5
69	DSS ABUZARIA	14	F	KG	1.60	46	22	84	75	66	34	42	76	46	48	94	14	12	10	12	13.39	8.08	2.43	1.036	27.8
70	DSS ABUZARIA	14	F	OY	1.66	45	23	85	66	67	35	46	81	50	49	99	10	14	9	10	12.62	8.22	1.84	1.040	25.5
71	DSS ABUZARIA	14	F	KG	1.46	48	24	87	69	61	30	42	72	40	45	85	18	27	17	13	12.53	9.53	1.65	1.025	32.0
72	DSS ABUZARIA	14	F	KN	1.66	51	23	85	75	63	33	46	79	51	52	103	11	12	11	11	13.90	9.32	1.59	1.038	26.9
73	DSS ABUZARIA	14	F	KW	1.60	52	25	85	74	63	33	44	77	45	52	97	14	16	15	12	12.32	8.86	1.98	1.032	29.7
74	DSS ABUZARIA	14	F	BN	1.46	45	24	81	74	57	29	42	61	42	47	89	16	18	12	14	11.71	9.28	1.83	1.031	30.1
75	DSS ABUZARIA	14	F	BN	1.56	48	23	84	70	64	31	42	73	45	47	92	13	12	12	12	12.10	8.43	2.00	1.036	27.8
76	DSS ABUZARIA	14	F	KN	1.61	55	23	89	71	60	35	46	81	48	53	101	22	22	18	15	11.26	9.22	1.24	1.024	33.4
77	DSS ABUZARIA	14	F	ED	.	.	23	86	77	.	37	49	86	46	52	98	15	14	12	14	.	.	.	1.033	.
78	DSS ABUZARIA	14	F	KW	.	.	23	93	74	.	35	47	82	47	51	98	11	16	10	10	.	.	.	1.037	.
79	DSS ABUZARIA	14	F	KD	.	.	25	91	73	.	34	45	79	46	48	94	19	24	22	14	.	.	.	1.023	.
80	DSS ABUZARIA	14	F	KD	1.50	42	21	83	70	57	31	43	74	45	50	95	12	12	12	12	11.91	8.34	1.31	1.036	27.8
81	DSS ABUZARIA	14	F	OD	1.46	58	20	77	68	56	31	44	75	43	47	90	10	10	9	9	11.00	8.22	1.53	1.042	25.0
82	DSS ABUZARIA	14	F	KG	1.56	52	25	91	68	55	32	45	77	47	48	95	16	16	12	14	13.28	23.09	1.20	1.037	27.3
83	DSS ABUZARIA	14	F	KT	1.61	45	23	86	68	67	29	44	73	46	48	94	10	12	9	10	12.37	11.72	1.26	1.041	25.5
84	DSS ABUZARIA	14	F	KG	1.64	48	24	81	66	67	32	45	77	48	49	97	12	11	10	9	12.65	8.33	1.78	1.040	25.5
85	DSS ABUZARIA	14	F	OG	1.71	53	23	87	67	72	38	47	85	50	49	99	13	16	10	10	11.44	8.87	1.25	1.040	25.5
86	DSS ABUZARIA	14	F	KG	1.63	49	23	83	68	78	33	44	77	49	46	85	13	11	10	10	11.32	8.22	1.80	1.039	26.6
87	DSS ABUZARIA	14	F	KG	1.56	46	22	77	67	66	33	41	74	47	43	90	10	12	6	8	11.44	9.34	1.57	1.045	23.7
88	DSS ABUZARIA	14	F	AH	1.64	53	24	87	72	69	33	45	78	50	45	95	12	11	7	10	10.82	8.57	1.67	1.041	25.5
89	DSS ABUZARIA	14	F	KD	1.58	53	24	85	66	63	34	48	82	46	49	95	12	11	10	10	11.82	9.57	1.94	1.039	26.5
90	DSS ABUZARIA	14	F	KG	1.64	47	20	82	63	61	36	45	81	46	57	103	7	10	10	9	11.69	9.88	1.59	1.044	24.0
91	DSS ABUZARIA	14	F	KG	1.64	57	24	87	70	73	30	46	76	45	46	91	12	13	7	13	14.72	9.13	1.30	1.039	26.6
92	DSS ABUZARIA	14	F	OG	1.58	50	24	87	65	65	32	44	76	48	45	93	15	20	12	14	11.30	9.03	1.27	1.030	30.6
93	DSS ABUZARIA	14	F	KW	1.56	47	23	87	64	65	30	43	73	45	46	91	13	11	6	10	12.15	9.63	1.61	1.041	25.5
94	DSS ABUZARIA	14	F	KD	1.56	47	23	83	68	67	32	43	75	46	43	89	20	19	8	10	12.12	8.69	1.51	1.032	29.7
95	DSS ABUZARIA	14	F	KW	1.76	42	21	80	62	81	33	47	80	48	47	95	10	14	8	8	11.68	8.29	1.85	1.041	25.5
96	DSS ABUZARIA	14	F	OS	1.56	53	24	87	72	65	33	43	76	45	46	91	18	20	12	14	13.50	11.54	1.37	1.029	31.0
97	DSS ABUZARIA	14	F	KG	1.61	46	21	79	71	56	38	46	84	53	52	105	14	20	11	11	13.01	11.00	1.20	1.033	29.2
98	DSS ABUZARIA	14	F	OY	1.62	44	20	83	74	72	35	45	80	47	49	96	8	18	8	10	12.16	8.50	1.32	1.040	25.5
99	DSS ABUZARIA	14	F	OD	1.58	46	21	81	63	53	32	43	75	50	49	99	12	12	8	10	12.40	16.69	1.71	1.040	25.5
100	DSS ABUZARIA	14	F	KG	1.42	36	20	74	61	65	28	40	68	43	44	77	8	9	6	8	12.31	8.65	1.51	1.049	21.9
101	DSS ABUZARIA	14	F	KG	1.62	42	22	75	59	65	35	47	82	49	48	97	10	8	5	7	11.85	10.61	1.81	1.049	21.9
102	DSS ABUZARIA	14	F	AN	1.53	38	21	76	64	67	30	46	72	47	50	91	9	6	4	5					
103	DSS ABUZARIA	14	F	ED	1.54	44	22	81	67	61	30	42	72	46	47	93	7	10	6	8	13.25	10.37	1.70		
104	DSS ABUZARIA	14	F	KG	1.57	48	23	83	65	66	33	45	78	44	47	91	10	10	6	10	10.66	8.75	1.52	1.045	23.7
105	DSS ABUZARIA	14	F	AK	1.57	54	24	81	70	68	30	44	74	44	45	89	8	11	7	8	10.86	7.96	1.90	1.045	23.7
106	DSS ABUZARIA	14	F	KW	1.64	44	21	79	64	63	35	46	81	51	50	101	6	9	4	6	10.63	7.82	1.73	1.052	20.5
107	DSS ABUZARIA	14	F	PL	1.60	50	22	80	69	55	31	45	76	52	53	105	10	11	8	8	12.60	12.64	1.65	1.043	24.6
108	DSS ABUZARIA	14	F	IM	1.72	56	19	87	69	69	36	50	86	48	55	103	13	16	10	12	11.53	9.21	1.55	1.035	28.3
109	DSS ABUZARIA	15	F	KG	1.54	50	24	86	72	54	33	46	79	50	50	100	24	20	16	18	15.06	14.25	1.14	1.024	33.4
110	DSS ABUZARIA	15	F	PO	1.55	46	21	83	67	63	30	43	73	46	46	92	30	35	36	29	20.99	14.88	1.10	1.014	39.9
111	DSS ABUZARIA	15	F	KG	1.62	44	20	84	74	66	38	46	84	46	51	97	18	14	14	8	13.25	8.12	1.83	1.009	40.6
112	DSS ABUZARIA	15	F	KG	1.65	59	25	91	70	67	36	48	84	46	52	98	22	28	22	16	12.84	10.04	1.56	1.024	33.4
113	DSS ABUZARIA	15	F	AN	1.56	49	25	86	75	59	34	43	77	48	49	97	20	21	23	22	15.50	9.53	1.53	1.021	34.8
114	DSS ABUZARIA	15	F	KG	1.59	52	23	85	63	56	36	47	83	47	56	103	19	14	22	10	12.12	9.53	1.62	1.028	31.5
115	DSS ABUZARIA	15	F	KD	1.56	53	25	88	74	64	34	45	79	43	49	92	22	22	17	14	14.84	9.65	1.65	1.025	32.9
116	DSS ABUZARIA	15	F	KG	1.55	41	21	76	62	70	33	44	77	36	49	85	18	18	18	14	15.25	8.50	1.34	1.027	32.0
117	DSS ABUZARIA	15	F	KG	1.56	56	23	73	74	55	34	46	80	48	53	101	14	14	14	10	14.25	12.12	1.75	1.034	28.7
118	DSS ABUZARIA	15	F	KG	1.62	64	28	92	78	60	34	46	80	51	51	102	29	19	24	20	18.10	16.15	1.71	1.019	35.8
119	DSS ABUZARIA	15	F	OS	1.57	54	25	85	75	67	37	45	82	41	49	90	18	20	15	14	12.86	7.46	1.68	1.028	31.5
120	DSS ABUZARIA	15	F	ED	1.56	44	21	82	63	55	33	46	79	51	50	101	24	24	12	8	13.70	10.14	1.64	1.027	32.9
121	DSS ABUZARIA	15	F	KG	1.53	47	22	83	69	67	31	41	72	40	46	86	18	12	12	15	16.24	16.54	1.56	1.032	29.7
122	DSS ABUZARIA	15	F	[illegible]	1.47	43	21	81	63	57	31	43	74	45	45	90	24	22	20	16	13.53	9.69	1.42	1.022	34.2
123	DSS ABUZARIA	15	F	KG	1.56	50	22	84	63	63	30	44	74	45	48	93	25	30	23	30	13.22	10.62	1.55	1.015	37.7

124	DSS ABUZARIA	15	F	KG	1.57	43	23	85	68	58	32	47	79	46	53	99	18	22	18	15	12.16	10.03	1.62	1.025	32.7
125	DSS ABUZARIA	15	F	KD	1.64	49	19	73	69	72	32	45	77	40	52	92	21	22	18	18	11.91	8.44	1.94	1.023	33.9
126	DSS ABUZARIA	15	F	OS	1.56	51	23	87	72	60	33	46	79	48	48	96	24	22	23	18	15.37	12.22	1.33	1.021	34.8
127	DSS ABUZARIA	15	F	KD	1.58	44	21	76	73	64	34	45	79	45	49	94	20	14	14	11	13.15	9.02	1.82	1.031	30.1
128	DSS ABUZARIA	15	F	KG	1.69	52	23	85	69	64	34	48	82	52	53	105	22	26	24	30	13.19	10.35	1.61	1.018	36.2
129	DSS ABUZARIA	15	F	KN	1.57	51	24	85	78	62	34	45	79	45	49	94	28	20	16	16	14.83	12.25	1.51	1.023	33.9
130	DSS ABUZARIA	15	F	ED	1.69	53	22	89	63	65	34	49	83	51	53	104	24	22	26	22	21.93	16.14	1.30	1.019	35.8
131	DSS ABUZARIA	15	F	KW	1.55	46	22	80	71	67	32	44	75	42	46	88	18	15	15	16	12.13	9.24	1.37	1.029	31.0
132	DSS ABUZARIA	15	F	AN	1.58	53	20	85	81	66	31	47	78	42	50	92	22	22	24	26	11.63	8.66	1.56	1.019	35.8
133	DSS ABUZARIA	15	F	AN	1.61	49	24	82	64	71	33	44	77	42	48	90	23	22	18	22	15.29	10.09	1.41	1.023	34.2
134	DSS ABUZARIA	15	F	KG	1.47	48	24	83	68	47	24	43	67	48	52	100	22	23	20	20	13.97	11.72	1.30	1.022	34.2
135	DSS ABUZARIA	15	F	AK	1.64	42	20	79	73	74	33	44	77	41	49	90	12	12	14	10	12.43	8.53	1.84	1.036	27.8
136	DSS ABUZARIA	15	F	KG	1.56	48	22	89	71	66	28	42	70	41	49	90	22	24	20	15	12.63	9.56	1.56	1.023	33.9
137	DSS ABUZARIA	15	F	KG	1.58	56	25	88	68	67	32	45	77	43	48	91	19	16	22	16	11.30	9.12	2.09	1.025	32.9
138	DSS ABUZARIA	15	F	KD	1.60	52	23	94	67	65	32	44	76	48	47	95	22	32	22	27	15.30	11.07	1.33	1.017	36.7
139	DSS ABUZARIA	15	F	AD	1.58	61	25	98	80	70	34	45	79	42	46	88	28	30	30	35	13.28	10.25	1.92	1.012	39.1
140	DSS ABUZARIA	15	F	IM	1.53	47	23	81	69	65	31	42	73	40	48	88	12	17	9	9	11.10	9.06	1.85	1.040	26.0
141	DSS ABUZARIA	15	F	KD	1.61	52	26	80	73	52	34	46	80	44	51	95	23	22	23	14	12.25	9.87	1.69	1.022	34.2
142	DSS ABUZARIA	15	F	BN	1.60	55	25	90	69	60	33	48	81	50	50	100	34	33	30	28	12.95	9.29	1.76	1.012	39.1
143	DSS ABUZARIA	15	F	KG	1.60	70	26	97	82	60	33	45	78	50	50	100	36	40	42	40	18.43	14.47	1.14	1.005	42.5
144	DSS ABUZARIA	15	F	ED	1.57	44	22	79	64	63	34	45	79	43	51	94	17	22	18	10	11.66	9.08	1.83	1.028	31.5
145	DSS ABUZARIA	15	F	NG	1.65	46	23	81	78	66	35	47	48	48	51	99	21	22	13	11	14.09	9.32	1.29	1.028	31.5
146	DSS ABUZARIA	15	F	KW	1.58	48	24	79	67	60	36	46	82	49	49	98	14	14	14	10	14.32	9.97	1.38	1.034	28.7
147	DSS ABUZARIA	15	F	OG	1.50	41	21	72	69	58	32	45	77	41	51	92	20	19	14	14	13.90	11.32	1.21	1.028	31.5
148	DSS ABUZARIA	15	F	KD	1.56	57	26	94	79	58	32	45	77	48	50	98	23	26	20	19	13.34	10.28	1.53	1.021	34.8
149	DSS ABUZARIA	15	F	AN	1.66	53	22	87	74	70	34	48	82	46	50	96	24	20	12	14	12.01	9.06	1.90	1.027	32.0
150	DSS ABUZARIA	15	F	KW	1.61	40	21	75	61	69	34	43	77	41	51	92	22	22	18	16	14.00	9.97	1.45	1.024	33.4
151	DSS ABUZARIA	15	F	ED	1.54	56	24	83	69	58	31	43	74	48	48	96	24	26	10	12	12.19	8.33	1.39	1.026	32.5
152	DSS ABUZARIA	15	F	IM	1.55	64	24	90	67	53	32	44	75	52	50	102	22	16	10	16	12.69	8.84	1.54	1.029	31.0
153	DSS ABUZARIA	15	F	KG	1.68	77	25	92	81	57	32	49	81	56	55	111	24	22	12	16	15.44	10.56	1.90	1.025	32.9
154	DSS ABUZARIA	15	F	OS	1.63	53	24	85	66	73	34	47	81	39	51	90	20	12	13	16	13.06	11.78	1.19	1.030	30.6
155	DSS ABUZARIA	15	F	AN	1.63	61	25	80	76	59	32	48	80	49	55	104	16	16	12	11	11.00	9.59	1.72	1.033	29.2
156	DSS ABUZARIA	15	F	KG	1.52	50	22	76	72	59	35	44	79	43	50	93	13	16	12	10	12.57	10.14	1.47	1.009	40.6
157	DSS ABUZARIA	15	F	DT	1.66	51	20	87	68	72	33	41	74	45	49	94	19	14	12	12	12.64	9.56	1.68	1.032	29.7
158	DSS ABUZARIA	15	F	SO	1.71	53	22	88	72	60	34	48	82	57	54	111	21	23	28	14	16.68	15.52	1.03	1.021	34.8
159	DSS ABUZARIA	15	F	PL	1.56	53	24	92	75	56	31	46	77	51	50	101	21	26	22	20	15.00	14.53	1.10	1.020	35.3
160	DSS ABUZARIA	16	F	OY	1.57	45	22	83	60	64	33	48	81	44	49	93	20	29	20	20	12.62	8.50	1.76	1.020	35.3
161	DSS ABUZARIA	16	F	SO	1.65	50	21	56	68	68	34	48	82	53	53	106	24	28	30	20	14.50	12.85	1.34	1.018	36.2
162	DSS ABUZARIA	16	F	OY	1.56	51	24	80	70	70	31	45	76	48	46	94	28	20	20	20	13.58	12.94	1.50	1.021	34.8
163	DSS ABUZARIA	16	F	AB	1.50	46	23	83	64	64	33	40	73	46	47	93	22	19	16	26	12.97	10.15	1.28	1.022	34.2
164	DSS ABUZARIA	16	F	BN	1.61	56	25	90	71	71	33	45	78	48	49	97	22	24	22	22	13.32	10.47	1.51	1.020	35.3
165	DSS ABUZARIA	16	F	OY	1.58	53	21	85	69	69	33	39	72	34	45	79	22	20	18	19	13.65	11.94	1.64	1.023	34.7
166	DSS ABUZARIA	16	F	OS	1.58	51	23	87	72	72	33	46	79	48	48	96	24	22	23	18	13.91	10.93	1.55	1.021	34.8
167	DSS ABUZARIA	16	F	OS	1.56	51	25	86	67	67	31	47	78	48	48	96	20	16	18	12	8.91	11.16	1.58	1.024	33.4
168	DSS ABUZARIA	16	F	OD	1.64	58	24	90	74	58	34	37	71	53	53	106	10	9	10	10	11.25	8.39	1.68	1.042	25.0
169	DSS ABUZARIA	16	F	KG	1.65	87	30	110	99	56	39	47	86	56	53	109	24	38	35	29	15.19	14.18	1.37	1.012	39.1
170	DSS ABUZARIA	16	F	KG	1.55	46	22	79	65	55	30	43	76	51	49	100	14	12	10	13	13.97	10.60	1.41	1.036	27.8
171	DSS ABUZARIA	16	F	OY	1.56	57	24	95	74	61	33	45	79	45	50	95	20	22	24	15	14.40	9.90	1.30	1.023	34.0
172	DSS ABUZARIA	16	F	KG	1.54	42	20	78	66	57	31	45	76	48	49	97	10	7	8	10	11.57	9.81	1.81	1.045	23.7
173	DSS ABUZARIA	16	F	KG	1.62	48	25	89	67	63	30	41	71	49	50	99	25	20	18	19	14.34	12.35	1.70	1.022	34.2
174	DSS ABUZARIA	16	F	KG	1.66	50	24	86	76	74	35	50	85	44	48	92	29	23	12	14	15.52	11.69	1.14	1.024	33.4
175	DSS ABUZARIA	16	F	AB	1.52	52	24	89	72	54	29	39	68	50	48	98	22	25	30	12	12.15	9.97	1.72	1.070	12.6
176	DSS ABUZARIA	16	F	IM	1.58	54	25	80	65	55	30	46	76	53	50	103	28	12	24	20	13.26	10.87	1.69	1.022	34.7
177	DSS ABUZARIA	16	F	OS	1.63	62	26	92	74	58	30	46	78	52	53	105	25	14	22	18	13.05	9.87	1.68	1.023	34.0
178	DSS ABUZARIA	16	F	OS	1.59	50	24	86	71	71	29	47	76	45	49	101	26	21	28	20	12.43	9.94	1.95	1.019	35.8
179	DSS ABUZARIA	16	F	DT	1.64	52	23	84	71	59	30	43	75	52	53	105	22	22	21	20	16.14	9.87	1.32	1.022	34.7
180	DSS ABUZARIA	16	F	ED	1.54	56	24	83	69	58	31	43	74	48	48	96	26	20	18	13	10.27	8.65	1.45	1.022	34.7
181	DSS ABUZARIA	16	F	KG	1.57	77	25	92	81	46	32	49	81	56	55	111	24	18	19	20	15.05	10.44	1.72	1.023	34.7
182	DSS ABUZARIA	16	F	IM	1.55	64	24	90	67	53	32	44	76	52	50	102	23	19	20	21	14.28	10.34	1.35	1.022	34.7
183	DSS ABUZARIA	16	F	ED	1.68	57	23	88	66	72	35	46	71	48	48	96	24	19	20	14	12.88	11.52	1.67	1.024	33.4
184	DSS ABUZARIA	16	F	BA	1.56	46	21	81	66	67	34	45	79	45	44	89	23	18	20	20	13.32	11.60	1.54	1.023	33.9
185	DSS ABUZARIA	16	F	KG	1.56	49	23	85	62	65	29	44	73	45	46	91	20	14	20	22	20.22	16.50	1.23	1.024	33.4
186	DSS ABUZARIA	16	F	OS	1.57	59	20	90	26	63	34	45	79	48	46	94	28	26	36	33	13.12	9.78	1.70	1.017	36.7
187	DSS ABUZARIA	16	F	KG	1.66	48	21	87	69	69	35	47	82	48	49	97	22	14	15	11	13.43	10.53	1.70	1.030	30.6
188	DSS ABUZARIA	16	F	KG	1.68	59	25	.	72	73	44	42	91	47	48	95	36	14	14	14	12.00	12.34	1.18	1.024	33.4
189	DSS ABUZARIA	16	F	KG	1.66	57	25	90	35	69	45	48	93	49	48	97	23	21	18	12	12.41	10.44	1.68	1.025	32.9

190	DSS ABUZARIA	16	F	KD	1.71	62	22	84	68	73	36	49	85	48	50	98	16	16	20	16	11.85	11.81	1.35	1.027	32.0
191	DSS ABUZARIA	16	F	KG	1.71	62	22	84	65	73	36	49	85	48	50	98	23	20	20	14	12.13	11.76	1.61	1.024	33.4
192	DSS ABUZARIA	16	F	BN	1.73	63	27	93	77	69	36	49	95	51	53	104	28	27	20	23	15.57	13.43	1.90	1.018	36.2
193	DSS ABUZARIA	16	F	ED	1.65	63	27	96	72	67	38	47	85	44	54	98	26	26	30	22	12.92	9.03	1.59	1.016	37.2
194	DSS ABUZARIA	16	F	KW	1.56	54	25	89	66	66	32	46	78	45	48	93	30	29	18	29	13.95	9.36	1.18	1.016	37.2
195	DSS ABUZARIA	16	F	OS	1.57	46	21	82	62	60	35	45	80	46	51	97	21	20	19	16	13.97	9.90	1.54	1.024	33.4
196	DSS ABUZARIA	16	F	KG	1.71	49	20	85	63	74	35	48	83	43	54	97	12	14	12	12	11.31	9.50	1.62	1.035	28.3
197	DSS ABUZARIA	16	F	IM	1.67	55	22	84	64	69	36	49	85	46	52	98	22	18	17	19	12.52	10.01	1.38	1.024	33.4
198	DSS ABUZARIA	16	F	ED	1.57	46	22	81	61	65	29	42	71	42	49	92	14	15	20	16	12.22	9.29	1.75	1.028	31.5
199	DSS ABUZARIA	16	F	KD	1.64	53	23	90	69	69	34	35	69	47	48	95	22	20	20	20	14.43	11.31	1.04	1.024	33.4
200	DSS ABUZARIA	16	F	BO	1.68	53	22	88	65	69	37	47	84	50	49	99	29	24	14	14	12.72	9.42	1.41	1.023	33.9
201	DSS ABUZARIA	16	F	KG	1.60	47	22	84	64	65	35	40	81	48	47	95	13	23	25	25	13.17	8.53	1.61	1.021	34.8
202	DSS ABUZARIA	16	F	KD	1.56	54	25	90	67	67	25	43	68	48	49	97	22	24	24	24	12.04	9.30	1.46	1.019	35.8
203	DSS ABUZARIA	16	F	KD	1.58	42	25	99	87	87	44	47	91	44	42	86	14	14	16	15	12.53	10.16	1.61	1.031	31.0
204	DSS ABUZARIA	16	F	KN	1.63	54	24	89	67	67	32	49	81	51	52	103	23	20	14	20	16.15	9.12	1.83	1.024	33.4
205	DSS ABUZARIA	16	F	ED	1.64	53	23	86	66	66	37	46	83	54	52	106	23	21	10	14	11.96	8.47	1.56	1.027	32.0
206	DSS ABUZARIA	16	F	IM	1.54	64	25	94	73	73	32	50	82	52	51	103	21	15	15	15	12.09	9.45	1.64	1.028	31.5
207	DSS ABUZARIA	16	F	NG	1.54	48	22	80	68	68	32	43	75	45	46	91	16	22	20	17	14.52	11.57	1.31	1.025	32.9
208	DSS ABUZARIA	16	F	KN	1.63	69	27	94	82	92	34	43	77	51	46	97	20	20	25	23	12.32	16.25	1.45	1.021	34.8
209	DSS ABUZARIA	16	F	OY	1.52	48	27	85	66	66	32	41	73	47	49	96	24	24	30	24	22.43	25.30	0.44	1.018	36.2
210	DSS ABUZARIA	17	F	KG	1.58	51	24	85	65	65	35	47	82	43	50	93	18	10	6	12	16.23	15.42	1.38	1.036	27.8
211	DSS ABUZARIA	17	F	KG	1.66	62	26	93	74	71	32	46	78	44	51	95	16	21	12	18	15.31	15.66	1.23	1.028	31.5
212	DSS ABUZARIA	17	F	KD	1.54	79	29	110	79	61	31	46	77	44	49	93	31	27	23	30	16.12	11.25	1.41	1.015	37.7
213	DSS ABUZARIA	17	F	KD	1.66	57	25	88	63	66	35	46	81	47	53	100	16	18	9	18	14.15	12.32	1.28	1.030	30.6
214	DSS ABUZARIA	17	F	KG	1.56	48	21	83	63	61	33	44	77	48	47	95	16	20	14	14	16.18	13.71	1.04	1.029	31.0
215	DSS ABUZARIA	17	F	KG	1.60	57	21	91	66	63	33	46	79	45	46	91	20	12	16	14	13.56	9.28	1.28	1.030	30.6
216	DSS ABUZARIA	17	F	KW	1.60	68	28	95	79	64	39	46	85	44	52	96	25	18	20	24	11.03	13.18	1.20	1.029	34.9
217	DSS ABUZARIA	17	F	OG	1.64	60	24	92	72	69	34	41	75	48	47	95	16	14	10	10	16.32	11.13	1.56	1.039	26.6
218	DSS ABUZARIA	17	F	DT	1.50	54	26	87	68	64	32	42	74	42	44	86	14	12	12	10	13.58	12.66	1.68	1.036	27.8
219	DSS ABUZARIA	17	F	KD	1.67	60	28	90	69	70	34	46	80	49	48	97	17	16	16	17	15.50	14.53	1.20	1.028	31.5
220	DSS ABUZARIA	17	F	KD	1.63	62	26	93	74	71	32	45	77	43	49	92	28	19	12	20	14.94	12.58	1.78	1.023	33.9
221	DSS ABUZARIA	17	F	KG	1.56	51	24	86	64	68	31	44	75	44	44	88	20	24	18	16	11.98	10.78	1.71	1.024	33.4
222	DSS ABUZARIA	17	F	OS	1.61	55	24	90	71	64	32	46	78	47	50	97	20	21	12	17	17.66	12.11	1.33	1.027	32.0
223	DSS ABUZARIA	17	F	KD	1.57	54	25	87	66	68	29	46	75	39	50	89	24	19	14	13	15.56	13.66	1.51	1.027	32.0
224	DSS ABUZARIA	17	F	KG	1.62	60	26	87	69	60	36	47	83	50	52	102	28	24	12	16	13.46	14.39	1.64	1.023	33.9
225	DSS ABUZARIA	17	F	KG	1.56	54	25	83	76	57	32	45	77	49	50	99	22	24	20	18	12.49	10.75	1.68	1.022	34.3
226	DSS ABUZARIA	17	F	KG	1.65	45	21	80	63	66	34	46	80	49	50	99	12	10	14	10	15.15	13.92	1.45	1.037	27.3
227	DSS ABUZARIA	17	F	BN	1.64	58	24	90	76	68	32	44	76	46	54	96	10	22	18	16	12.32	11.02	1.78	1.028	31.5
228	DSS ABUZARIA	17	F	CR	1.61	61	25	96	72	62	31	47	78	51	48	99	28	19	17	22	11.78	9.53	1.69	1.021	34.8
229	DSS ABUZARIA	17	F	IM	1.60	50	21	87	68	62	30	48	78	48	50	98	18	16	9	11	12.15	13.56	1.53	1.003	40.6
230	DSS ABUZARIA	17	F	BN	1.57	44	23	83	63	57	32	42	74	46	44	90	28	22	20	12	12.15	9.35	1.67	1.022	34.2
231	DSS ABUZARIA	17	F	ED	1.58	55	23	97	70	57	31	46	77	49	52	101	28	24	20	24	13.22	12.91	1.32	1.018	36.2
232	DSS ABUZARIA	17	F	OS	1.59	52	23	88	70	60	30	45	85	49	50	99	23	20	20	22	15.19	13.00	1.43	1.022	34.2
233	DSS ABUZARIA	17	F	AB	1.62	41	20	78	71	62	32	47	78	48	52	100	24	16	16	12	12.45	10.27	1.64	1.027	32.0
234	DSS ABUZARIA	17	F	KW	1.53	48	24	84	66	62	29	44	73	45	46	91	27	5	7	22	12.16	8.15	1.79	1.[illegible]	.[illegible]
235	DSS ABUZARIA	17	F	DT	1.59	48	21	85	67	66	33	44	77	46	47	93	12	12	10	16	11.[illegible]	[illegible]			
236	DSS ABUZARIA	17	F	KG	1.59	50	24	86	71	58	29	47	76	52	49	101	26	21	28	26	12.43	9.94	1.75	1.017	36.2
237	DSS ABUZARIA	17	F	ED	1.60	40	20	77	69	65	32	48	80	46	49	95	24	16	16	16	13.42	8.91	1.96	1.026	32.5
238	DSS ABUZARIA	17	F	KG	1.64	55	24	88	70	65	36	48	84	47	52	99	26	21	18	19	13.31	10.91	1.70	1.022	34.2
239	DSS ABUZARIA	17	F	KG	1.56	50	23	80	64	56	34	42	76	43	52	94	18	18	12	14	13.94	9.99	1.86	1.030	30.6
240	DSS ABUZARIA	17	F	KG	1.66	54	24	79	65	66	38	50	88	46	54	100	20	25	21	16	13.54	9.13	2.19	1.022	34.2
241	DSS ABUZARIA	17	F	ED	1.62	53	23	87	73	58	31	51	82	50	54	104	21	21	20	20	14.13	9.68	1.65	1.022	34.2
242	DSS ABUZARIA	17	F	KW	1.50	49	24	89	67	58	29	46	75	46	46	92	20	20	16	14	15.92	12.86	1.60	1.027	32.0
243	DSS ABUZARIA	17	F	IM	1.57	48	23	82	66	76	33	46	79	44	47	81	16	14	10	12	14.46	12.97	1.30	1.034	28.7
244	DSS ABUZARIA	17	F	KG	1.71	62	24	91	72	68	31	50	81	51	52	103	24	14	16	22	14.12	9.66	1.54	1.024	33.4
245	DSS ABUZARIA	17	F	AB	1.74	61	28	110	81	72	33	52	85	50	52	102	28	22	22	22	15.43	10.56	1.88	1.019	35.8
246	DSS ABUZARIA	17	F	AB	1.48	52	24	90	69	74	29	45	74	30	44	74	23	18	15	14	13.49	9.41	2.06	1.027	32.0
247	DSS ABUZARIA	17	F	AK	1.70	61	22	93	75	65	32	49	81	51	34	105	22	22	16	23	14.84	10.31	1.40	1.022	34.3
248	DSS ABUZARIA	17	F	ED	1.61	46	21	86	64	58	31	46	77	52	51	103	22	14	15	17	14.12	9.30	1.60	1.027	32.0
249	DSS ABUZARIA	17	F	KW	1.68	51	21	88	65	66	32	48	80	51	51	102	23	16	12	19	13.43	9.91	1.40	1.027	32.0
250	DSS ABUZARIA	17	F	KD	1.48	44	21	80	72	29	62	40	69	43	43	86	14	14	13	14	11.98	10.68	1.55	1.033	29.2
251	DSS ABUZARIA	17	F	OG	1.61	54	25	86	68	61	34	45	79	48	52	100	15	20	12	12	20.03	13.25	1.80	1.031	30.1
252	DSS ABUZARIA	17	F	ED	1.58	52	24	83	67	68	33	44	77	41	49	90	15	16	10	12	16.41	12.47	1.54	1.031	30.1
253	DSS ABUZARIA	17	F	KG	1.65	46	21	77	62	67	33	45	78	50	48	98	22	18	19	12	12.06	7.13	1.68	1.026	32.5
254	DSS ABUZARIA	17	F	KD	1.63	58	25	93	66	62	34	44	77	50	51	101	20	15	9	16	16.00	10.66	1.29	0.031	30.1
255	DSS ABUZARIA	17	F	OS	1.72	63	25	87	70	62	31	51	82	56	54	110	22	18	18	14	12.17	9.09	1.88	1.022	34.2

256	DSS ABUZARIA	17	F	IM	1.54	58	27	90	73	60	32	44	76	48	46	94	25	14	18	16	15.00	13.17	1.45	1.025	32.9
257	DSS ABUZARIA	17	F	KD	1.66	70	27	95	76	69	34	48	82	49	48	97	33	27	19	19	13.54	11.56	1.54	1.018	36.2
258	DSS ABUZARIA	17	F	BA	1.52	64	25	99	80	53	30	45	75	49	50	99	34	34	32	24	14.81	11.31	1.26	1.012	39.9
259	DSS ABUZARIA	18	F	KD	1.54	52	23	85	60	61	34	44	78	45	48	93	14	20	14	12	16.44	17.50	1.48	1.031	31.0
260	DSS ABUZARIA	18	F	BN	1.50	54	23	86	61	62	34	46	80	40	48	88	18	14	12	16	15.56	14.94	1.81	1.031	31.0
261	DSS ABUZARIA	18	F	BN	1.58	54	25	87	68	56	33	44	77	44	48	102	22	22	22	18	13.22	15.10	1.30	1.022	34.2
262	DSS ABUZARIA	18	F	IM	1.61	66	25	90	73	64	36	51	.	41	56	97	21	24	14	19	15.06	13.44	1.40	1.024	33.4
263	DSS ABUZARIA	18	F	KW	1.41	67	25	98	84	56	35	45	80	43	52	85	20	16	20	12	14.97	16.97	1.31	1.027	32.0
264	DSS ABUZARIA	18	F	ED	1.71	58	24	88	73	70	34	50	84	45	56	101	18	12	15	14	14.30	11.13	1.70	1.018	36.2
265	DSS ABUZARIA	18	F	OD	1.61	49	24	81	59	68	35	45	80	41	52	93	22	24	21	27	10.31	9.75	1.85	1.019	35.8
266	DSS ABUZARIA	18	F	IM	1.66	44	20	74	64	72	35	47	82	43	51	94	16	14	14	9	11.94	10.81	1.75	1.034	28.7
267	DSS ABUZARIA	18	F	FO	1.60	49	23	83	61	70	32	44	76	43	47	90	14	20	18	18	11.25	11.20	1.58	1.027	32.0
268	DSS ABUZARIA	18	F	AK	1.62	65	27	95	74	63	34	49	83	46	53	99	27	27	20	22	11.47	14.22	1.78	1.018	36.2
269	DSS ABUZARIA	18	F	AN	1.65	55	23	89	72	65	35	45	80	47	53	100	24	24	25	23	10.20	9.72	1.59	1.018	36.2
270	DSS ABUZARIA	18	F	OS	1.64	48	22	82	64	64	33	48	81	46	54	100	16	20	15	18	10.66	9.56	1.98	1.027	32.4
271	DSS ABUZARIA	18	F	IM	1.67	55	23	81	61	73	32	46	78	44	50	94	20	22	12	12	11.44	10.79	1.50	1.028	31.5
272	DSS ABUZARIA	18	F	IM	1.57	57	25	85	72	65	34	45	79	44	48	92	20	18	14	14	10.13	10.50	2.07	1.028	31.5
273	DSS ABUZARIA	18	F	KG	1.65	43	20	92	76	67	34	48	82	47	51	98	18	18	18	14	10.91	11.00	1.84	1.027	32.4
274	DSS ABUZARIA	18	F	IM	1.72	48	21	77	61	73	35	47	82	42	51	93	19	16	14	14	12.09	15.66	1.57	1.029	31.0
275	DSS ABUZARIA	18	F	ED	1.63	53	23	85	68	68	34	47	81	46	49	95	18	19	14	14	13.91	13.00	1.42	1.028	31.5
276	DSS ABUZARIA	18	F	FO	1.53	31	17	69	50	67	29	40	69	41	45	86	13	20	16	10	16.71	23.43	1.08	1.031	30.1
277	DSS ABUZARIA	18	F	OY	1.55	42	22	76	63	63	31	45	76	40	52	92	14	15	16	16	12.11	10.84	1.44	1.030	30.6
278	DSS ABUZARIA	18	F	BN	1.54	46	18	78	64	59	30	45	75	46	49	95	16	16	16	16	12.20	14.18	1.43	1.029	31.0
279	DSS ABUZARIA	18	F	KG	1.54	51	24	84	71	67	32	45	77	39	48	87	20	16	16	16	15.15	18.15	1.12	1.027	32.0
280	DSS ABUZARIA	18	F	OY	1.55	41	20	73	59	60	31	46	77	47	47	95	19	24	14	14	11.69	8.21	1.51	1.026	32.5
281	DSS ABUZARIA	18	F	OS	1.56	44	20	83	60	58	30	44	74	43	50	98	12	16	12	12	11.66	10.82	1.19	1.034	28.7
282	DSS ABUZARIA	18	F	KG	1.57	42	18	80	66	65	30	44	74	45	47	92	12	14	14	12	11.47	9.81	1.46	1.034	28.7
283	DSS ABUZARIA	18	F	OY	1.54	46	22	81	60	63	27	44	71	44	47	91	22	26	26	19	10.32	7.80	1.80	1.019	35.8
284	DSS ABUZARIA	18	F	OG	1.61	51	22	83	65	62	32	48	80	50	49	99	20	20	18	18	13.12	7.62	1.62	1.026	32.5
285	DSS ABUZARIA	18	F	AN	1.62	47	23	81	63	67	30	44	74	47	48	95	20	14	10	20	10.21	6.44	1.93	1.029	31.0
286	DSS ABUZARIA	18	F	KW	1.46	39	18	73	66	57	28	43	71	42	47	89	16	18	18	14	11.41	11.12	1.50	1.030	30.6
287	DSS ABUZARIA	18	F	AB	1.53	43	22	79	66	61	30	46	76	44	48	92	16	12	16	14	10.84	8.66	1.96	1.032	29.7
288	DSS ABUZARIA	18	F	KG	1.66	53	22	87	79	70	34	48	82	46	50	96	24	20	12	14	12.01	9.06	1.90	1.027	32.0
289	DSS ABUZARIA	18	F	KW	1.62	43	20	79	62	69	30	45	75	45	48	93	19	19	20	20	10.12	8.28	1.75	1.024	33.4
290	DSS ABUZARIA	18	F	KD	1.57	50	24	87	69	64	30	41	71	45	48	93	28	26	22	24	11.06	8.92	1.60	1.017	36.7
291	DSS ABUZARIA	18	F	AB	1.56	46	22	79	68	60	29	45	74	47	49	96	16	16	10	18	11.32	10.29	1.54	1.031	30.1
292	DSS ABUZARIA	18	F	KG	1.75	58	25	85	64	74	37	56	93	51	50	101	20	19	16	18	13.16	12.10	1.62	1.025	32.9
293	DSS ABUZARIA	18	F	KG	1.53	49	22	81	70	64	28	44	72	42	47	83	24	22	20	14	11.53	11.00	1.57	1.023	34.7
294	DSS ABUZARIA	18	F	IM	1.60	66	27	93	74	66	33	44	77	44	50	94	24	30	24	26	16.11	14.97	1.34	1.016	37.2
295	DSS ABUZARIA	18	F	OS	1.52	50	23	82	65	64	32	43	75	43	45	88	16	16	10	18	13.31	12.76	1.65	1.031	31.1
296	DSS ABUZARIA	18	F	KW	1.63	50	23	85	77	70	34	41	75	41	52	93	20	16	12	14	17.42	14.72	1.12	1.030	30.6
297	DSS ABUZARIA	18	F	KD	1.50	46	23	78	65	61	31	40	71	40	47	89	19	22	18	16	17.03	14.03	1.04	1.025	32.9
298	DSS ABUZARIA	18	F	BN	1.63	58	23	86	72	60	32	47	79	51	52	103	18	14	12	10	14.93	9.18	1.79	1.028	31.5
299	DSS ABUZARIA	18	F	OY	1.62	49	23	84	67	63	34	48	82	48	51	99	14	14	12	11	13.71	12.84	1.28	1.036	27.8
300	DSS ABUZARIA	18	F	OG	1.65	46	22	83	67	68	35	45	80	46	51	97	18	16	9	10	12.46	12.41	1.40	1.034	28.7
301	DSS ABUZARIA	18	F	KD	1.66	53	22	90	68	61	31	50	81	52	53	105	22	20	15	14	11.81	9.44	1.73	1.026	32.5
302	DSS ABUZARIA	18	F	OG	1.52	46	22	80	67	59	31	44	78	47	46	93	24	21	15	6	12.84	13.77	1.55	1.031	31.1
303	DSS ABUZARIA	18	F	PL	1.62	67	25	99	77	65	34	46	80	49	48	97	24	24	24	23	11.96	9.66	1.55	1.018	36.2
304	DSS ABUZARIA	18	F	KG	1.61	57	24	88	70	64	33	44	77	46	51	97	14	14	14	22	15.02	15.88	1.28	1.029	31.1
305	DSS ABUZARIA	18	F	KG	1.61	51	23	85	66	66	33	47	80	47	48	95	22	22	17	16	11.12	13.60	1.58	1.024	33.4
306	DSS ABUZARIA	18	F	KG	1.56	53	25	86	66	67	33	46	79	40	49	89	26	16	14	18	14.53	16.84	1.28	1.025	32.9
307	DSS ABUZARIA	18	F	ED	1.23	51	21	84	64	24	37	51	88	45	54	99	20	14	14	12	12.00	10.44	1.52	1.031	31.1
308	DSS ABUZARIA	18	F	KG	1.22	52	23	86	64	27	35	47	82	44	51	95	18	21	21	19	11.21	10.01	1.88	1.023	33.9
309	DSS ABUZARIA	18	F	PT	1.64	56	24	86	66	69	35	45	80	45	50	95	16	18	10	11	16.38	13.03	1.38	1.032	29.7
310	GGSS SAMARU	13	F		1.48	37	20	72	67	54	31	42	73	46	48	94	8	14	10	8	12.42	11.59	1.40	.	25.5
311	GGSS SAMARU	13	F		1.51	40	19	74	67	61	29	40	69	44	46	90	8	8	12	12	12.93	11.28	1.82	.	25.5
312	GGSS SAMARU	13	F		1.46	31	18	65	62	56	31	43	74	42	46	30	12	12	14	10	12.59	12.71	1.36	.	27.8
313	GGSS SAMARU	13	F	KD	1.45	36	21	71	64	64	28	45	73	38	43	81	18	20	20	12	11.52	9.71	1.30	.	32.0
314	GGSS SAMARU	13	F	KD	1.55	45	22	78	69	68	30	45	75	41	46	87	10	14	12	8	12.74	12.58	1.30	.	26.6
315	GGSS SAMARU	13	F	KD	1.43	35	20	72	64	62	29	42	71	39	44	81	10	10	10	8	12.10	12.48	1.47	.	25.1
316	GGSS SAMARU	13	F		1.40	32	19	66	64	53	28	38	66	42	45	87	12	10	14	10	13.75	10.00	1.51	.	27.1
317	GGSS SAMARU	13	F		1.44	34	18	71	59	65	27	38	65	36	43	79	15	16	14	14	14.34	11.00	1.55	.	30.1
318	GGSS SAMARU	13	F		1.51	46	22	78	65	66	28	44	72	41	44	85	14	10	14	10	12.18	11.95	1.51	.	27.8
319	GGSS SAMARU	13	F	KD	1.43	38	20	71	62	66	27	41	68	36	43	79	14	14	12	14	13.07	13.46	1.56	.	29.2
320	GGSS SAMARU	13	F	KD	1.52	44	21	78	63	69	30	44	74	40	43	83	12	14	8	12	12.05	8.60	1.81	.	27.1
321	GGSS SAMARU	13	F	KD	1.47	41	21	76	61	66	29	43	72	38	43	81	12	14	14	14	14.12	13.06	1.22	.	29.2

322	GGSS SAMARU	13	F	KD	1.42	33	18	69	56	63	26	41	67	34	45	79	12	12	14	12	11.57	12.11	1.63	.	28.1
323	GGSS SAMARU	13	F	KD	1.53	39	19	80	59	67	30	44	74	41	45	86	12	14	16	12	10.71	8.51	1.50	.	29.2
324	GGSS SAMARU	13	F	KD	1.44	37	18	71	60	56	28	40	68	39	49	88	8	10	10	8	12.37	11.74	1.63	.	15.2
325	GGSS SAMARU	13	F	KD	1.52	38	22	80	63	62	31	45	76	43	47	90	12	12	12	10	13.60	10.03	1.56	.	27.1
326	GGSS SAMARU	13	F	AB	1.56	50	22	84	71	61	31	46	77	46	49	95	20	16	14	20	13.96	13.12	1.29	.	32.0
327	GGSS SAMARU	13	F	KD	1.51	48	24	84	66	70	30	42	72	38	42	81	20	16	24	14	13.39	9.91	1.76	.	32.9
328	GGSS SAMARU	13	F	KD	1.49	44	22	83	63	66	31	42	73	42	41	83	16	12	14	14	13.17	14.12	1.37	.	29.7
329	GGSS SAMARU	13	F	KD	1.44	46	20	71	61	59	27	44	71	40	45	85	6	6	10	8	12.73	13.32	1.22	.	21.9
330	GGSS SAMARU	13	F	KD	1.53	48	22	80	71	63	31	44	73	41	49	90	14	12	12	12	13.69	8.50	1.30	.	29.7
331	GGSS SAMARU	13	F	PL	1.52	46	21	62	75	61	32	41	73	44	47	91	18	18	30	12	12.47	12.49	1.70	.	33.4
332	GGSS SAMARU	13	F	KD	1.36	36	20	69	66	51	28	38	66	42	43	85	20	16	18	18	12.82	12.85	1.44	.	32.5
333	GGSS SAMARU	13	F	KD	1.39	44	20	71	66	62	28	40	68	37	40	77	10	14	10	10	13.28	13.13	1.70	.	26.6
334	GGSS SAMARU	13	F	KD	1.51	46	21	80	66	62	29	43	72	44	45	89	16	20	18	16	14.87	14.87	1.13	.	32.0
335	GGSS SAMARU	13	F	OY	1.43	45	22	78	65	52	30	42	62	43	48	91	12	10	14	10	12.53	9.94	1.83	.	27.1
336	GGSS SAMARU	13	F	KD	1.54	46	21	79	69	63	28	44	72	43	48	91	20	22	20	14	13.81	13.57	1.50	.	33.2
337	GGSS SAMARU	13	F	KD	1.47	32	19	65	60	64	27	42	69	38	45	83	8	8	8	6	14.07	13.60	1.72	.	21.9
338	GGSS SAMARU	13	F	AD	1.41	35	21	70	60	58	27	41	68	38	45	83	12	14	18	12	12.49	11.96	1.05	.	29.7
339	GGSS SAMARU	13	F	KD	1.58	48	19	78	58	69	31	44	75	40	49	89	12	12	12	8	13.32	13.11	1.17	.	26.6
340	GGSS SAMARU	13	F	KG	1.48	45	22	80	67	68	30	43	73	35	45	80	10	18	16	18	13.07	15.87	1.35	.	30.6
341	GGSS SAMARU	13	F	KD	1.44	37	19	70	58	64	26	40	66	36	44	80	8	8	8	10	12.59	10.50	1.50	.	23.7
342	GGSS SAMARU	13	F	PL	1.61	40	18	77	63	73	29	44	73	40	48	88	16	16	12	14	13.42	13.60	1.19	.	30.0
343	GGSS SAMARU	13	F	KD	1.59	50	23	81	64	74	30	45	75	40	45	85	12	12	16	10	13.81	11.15	1.44	.	28.1
344	GGSS SAMARU	13	F	KD	1.45	41	22	79	62	62	27	40	67	38	45	83	18	14	14	18	14.29	14.01	1.46	.	31.1
345	GGSS SAMARU	13	F	OS	1.46	40	20	74	60	59	29	43	72	39	48	87	10	8	10	8	14.18	11.04	1.83	.	15.2
346	GGSS SAMARU	13	F	KD	1.47	37	18	72	56	63	29	42	71	41	43	84	12	14	12	12	13.81	11.53	1.56	.	28.1
347	GGSS SAMARU	13	F	PL	1.52	47	21	84	65	63	28	43	71	42	47	89	18	18	30	12	12.90	9.39	1.84	.	33.4
348	GGSS SAMARU	13	F	KD	1.56	44	21	80	62	69	30	43	73	40	47	87	16	16	12	14	12.43	11.50	1.61	.	30.0
349	GGSS SAMARU	13	F	KD	1.64	45	21	80	58	69	31	48	79	44	51	95	12	14	12	10	13.81	12.21	0.83	.	27.8
350	GGSS SAMARU	13	F	KG	1.53	46	23	84	68	68	30	44	74	38	47	85	10	10	12	14	12.50	12.16	1.57	.	27.1
351	GGSS SAMARU	13	F	BN	1.46	44	20	73	63	58	29	40	69	39	49	88	20	18	20	14	12.52	13.81	1.22	.	32.5
352	GGSS SAMARU	13	F	KD	1.53	41	21	81	64	66	29	42	71	42	45	87	20	24	22	20	14.71	14.92	0.95	.	34.8
353	GGSS SAMARU	13	F	DT	1.50	42	21	70	65	56	31	41	72	48	46	94	14	16	20	14	12.50	13.21	1.62	.	31.1
354	GGSS SAMARU	13	F	KD	1.44	35	18	71	61	63	29	41	70	36	45	81	20	14	16	20	13.79	13.53	1.34	.	32.0
355	GGSS SAMARU	13	F	KD	1.46	32	18	71	56	63	27	43	70	39	44	83	14	14	12	10	14.71	14.87	1.36	.	28.1
356	GGSS SAMARU	13	F	KD	1.43	36	19	73	63	62	27	42	69	39	42	81	14	12	14	14	12.28	12.50	1.52	.	29.2
357	GGSS SAMARU	13	F	KD	1.54	52	23	83	67	67	29	45	74	40	47	87	22	24	28	18	12.38	11.47	1.60	.	34.2
358	GGSS SAMARU	13	F	BO	1.54	46	22	78	70	54	31	44	75	49	51	100	10	12	12	10	12.45	13.81	1.62	.	26.6
359	GGSS SAMARU	13	F	KW	1.50	35	18	67	66	55	30	42	72	46	49	95	6	6	6	6	13.49	12.37	1.23	.	19.6
360	GGSS SAMARU	14	F	KG	1.46	43	22	78	67	50	30	42	72	48	48	96	12	14	14	12	11.73	9.39	1.50	.	28.7
361	GGSS SAMARU	14	F	KW	1.67	52	21	80	74	73	33	51	84	44	50	94	12	14	14	12	11.42	8.30	1.91	.	28.7
362	GGSS SAMARU	14	F	KD	1.63	49	22	82	69	62	34	47	81	50	50	100	16	18	18	16	13.10	14.76	1.47	.	30.1
363	GGSS SAMARU	14	F	BN	1.50	47	23	83	64	65	29	42	71	40	45	85	18	14	16	12	12.22	13.60	1.20	.	30.1
364	GGSS SAMARU	14	F	KD	1.47	41	19	72	68	48	32	45	77	49	50	99	16	12	18	14	12.59	12.53	1.29	.	30.1
365	GGSS SAMARU	14	F	OG	1.46	38	20	75	60	63	27	46	62	38	45	83	14	16	14	14	12.54	12.28	1.60	.	30.0
366	GGSS SAMARU	14	F	KD	1.50	45	20	80	69	57	37	44	76	46	47	93	16	20	30	16	11.72	10.14	1.77	.	32.5
367	GGSS SAMARU	14	F	KD	1.53	50	23	85	69	64	30	43	75	38	51	-	-	-	-	-	-	-	-	.	-
368	GGSS SAMARU	14	F	KG	1.48	57	24	91	77	53	31	42	46	47	48	95	22	20	22	20	11.20	9.15	1.63	.	34.3
369	GGSS SAMARU	14	F	KW	1.55	53	23	83	71	58	33	43	76	47	50	97	12	12	14	12	13.45	13.18	1.28	.	28.1
370	GGSS SAMARU	14	F	KD	1.43	35	18	72	61	60	28	42	70	38	45	83	20	16	20	14	12.40	11.48	1.33	.	15.2
371	GGSS SAMARU	14	F	KT	1.52	52	25	86	75	58	31	43	74	46	48	94	24	20	24	22	13.54	12.54	1.25	.	35.2
372	GGSS SAMARU	14	F	AD	1.48	43	21	78	68	51	33	45	78	48	49	97	14	18	18	16	11.15	11.89	1.40	.	27.7
373	GGSS SAMARU	14	F	KD	1.51	49	24	80	69	56	31	44	74	49	49	96	12	14	14	12	10.58	8.01	1.91	.	28.7
374	GGSS SAMARU	14	F	KD	1.54	52	24	86	72	57	33	41	74	48	49	97	14	10	20	14	13.28	12.64	1.26	.	31.1
375	GGSS SAMARU	14	F	KD	1.43	35	18	72	61	60	28	42	70	38	45	83	8	8	10	10	13.96	13.77	1.14	.	32.0
376	GGSS SAMARU	14	F	OS	1.63	49	20	63	84	60	36	48	84	51	52	103	14	10	12	10	11.79	10.00	1.70	.	27.1
377	GGSS SAMARU	14	F	KD	1.45	39	19	70	59	48	30	42	72	49	48	97	20	18	18	14	13.17	14.35	1.39	.	32.0
378	GGSS SAMARU	14	F	KD	1.47	39	20	75	68	55	31	41	72	46	46	92	18	20	20	14	11.17	11.30	1.35	.	32.5
379	GGSS SAMARU	14	F	KD	1.57	42	19	81	60	65	30	43	73	42	50	92	22	22	22	13	15.95	16.78	0.99	.	33.9
380	GGSS SAMARU	14	F	KD	1.51	41	19	77	72	55	31	42	73	47	49	96	20	18	18	14	14.08	12.95	1.10	.	32.0
381	GGSS SAMARU	14	F	KD	1.59	45	21	80	72	65	29	47	76	46	48	94	10	18	18	14	14.23	15.25	1.10	.	27.7
382	GGSS SAMARU	14	F	KD	1.59	49	24	82	65	75	40	43	83	39	45	84	20	16	16	16	12.21	11.89	1.71	.	32.0
383	GGSS SAMARU	14	F	KG	1.47	29	21	73	60	63	28	40	68	36	48	84	6	6	8	8	12.96	13.06	1.51	.	19.6
384	GGSS SAMARU	14	F	KD	1.57	41	20	74	72	63	31	44	75	48	52	90	16	24	14	14	11.04	8.45	1.70	.	32.0
385	GGSS SAMARU	14	F	KG	1.50	38	21	73	58	65	28	40	68	38	47	85	6	6	6	6	13.92	14.07	1.43	.	19.6
386	GGSS SAMARU	14	F	BN	1.54	40	20	75	64	70	30	42	72	36	48	84	12	12	12	12	13.83	13.49	1.44	.	27.8
387	GGSS SAMARU	14	F	KD	1.63	48	21	81	67	67	33	44	77	46	50	96	18	10	18	10	12.71	11.89	1.60	.	29.7

388	GGSS SAMARU	14	F	KD	1.49	46	23	83	62	65	28	41	69	38	46	84	16	18	18	14	14.25	14.92	1.18	.	27.7
389	GGSS SAMARU	14	F	KD	1.52	44	21	78	72	56	31	44	75	46	50	96	16	12	12	12	12.00	10.03	1.43	.	28.1
390	GGSS SAMARU	14	F	KD	1.48	45	23	79	64	64	28	43	71	36	43	84	18	10	12	14	11.70	12.28	1.65	.	29.2
391	GGSS SAMARU	14	F	KD	1.52	49	22	85	67	[illegible]	28	41	69	38	46	84	20	10	24	18	12.59	11.41	1.63	.	33.4
392	GGSS SAMARU	14	F	BN	1.58	43	23	78	65	65	29	46	73	43	50	93	16	20	18	12	13.07	15.78	1.30	.	27.7
393	GGSS SAMARU	14	F	KG	1.45	34	18	71	59	66	29	39	68	34	46	80	10	8	10	10	12.81	13.12	1.13	.	25.1
394	GGSS SAMARU	14	F	SO	1.46	44	23	79	65	56	25	43	68	43	47	90	20	20	18	18	12.16	13.63	1.38	.	33.4
395	GGSS SAMARU	14	F	KD	1.50	35	19	71	59	66	30	46	76	38	46	84	12	14	18	12	11.21	8.39	1.65	.	29.7
396	GGSS SAMARU	14	F	OS	1.58	48	21	80	71	68	31	44	75	40	51	91	18	22	18	14	13.00	13.07	1.41	.	32.5
397	GGSS SAMARU	14	F	KD	1.52	48	22	83	68	65	29	46	75	40	47	87	20	20	20	18	12.42	12.10	1.49	.	33.4
398	GGSS SAMARU	14	F	KD	1.53	42	21	77	62	68	31	46	77	43	52	95	18	10	12	14	15.20	15.93	1.20	.	29.2
399	GGSS SAMARU	14	F	KD	1.64	54	23	85	78	74	36	47	83	47	53	90	20	24	20	16	11.00	8.92	1.54	.	33.8
400	GGSS SAMARU	14	F	KD	1.61	43	21	78	64	68	31	45	76	43	50	93	16	14	14	14	14.12	15.19	1.30	.	30.0
401	GGSS SAMARU	14	F	KD	1.54	50	24	85	66	67	29	44	73	42	45	87	16	20	20	16	14.50	13.64	1.40	.	32.5
402	GGSS SAMARU	14	F	BN	1.65	47	20	81	63	71	33	47	80	40	54	94	10	10	12	8	13.28	8.90	1.44	.	25.5
403	GGSS SAMARU	14	F	KD	1.44	30	17	66	55	59	29	43	72	40	45	85	12	12	16	14	11.60	11.95	1.70	.	29.2
404	GGSS SAMARU	14	F	AB	1.45	30	20	70	64	56	30	40	70	43	46	89	16	12	14	15	11.47	7.50	1.55	.	29.7
405	GGSS SAMARU	14	F	NG	1.59	42	21	81	60	66	30	44	74	37	47	84	14	18	20	14	15.30	12.42	1.44	.	27.7
406	GGSS SAMARU	14	F	KD	1.60	47	22	81	66	68	36	45	81	41	51	92	10	8	10	3	12.50	11.83	0.60	.	15.2
407	GGSS SAMARU	14	F	TR	1.48	56	24	95	83	56	31	41	72	46	46	92	22	26	24	22	16.00	9.92	1.40	.	35.8
408	GGSS SAMARU	14	F	KD	1.54	41	20	77	69	64	31	44	75	41	43	30	12	10	10	10	12.37	11.16	1.48	.	26.1
409	GGSS SAMARU	14	F	BN	1.61	50	22	82	72	69	30	46	76	41	51	92	14	12	14	14	13.33	12.42	1.52	.	29.2
410	GGSS SAMARU	15	F	KG	1.55	51	24	82	71	55	34	45	79	52	48	100	14	14	14	14	14.50	12.59	1.48	1.032	29.1
411	GGSS SAMARU	15	F	KG	1.41	42	21	76	70	65	28	42	70	48	48	96	12	10	8	10	12.44	11.96	1.52	1.041	25.5
412	GGSS SAMARU	15	F	KG	1.57	45	20	78	74	62	33	45	78	46	49	95	10	8	8	8	13.30	12.85	1.38	1.045	23.7
413	GGSS SAMARU	15	F	KD	1.60	55	22	83	70	60	33	44	77	50	53	103	18	14	14	14	10.52	7.68	1.95	1.031	31.0
414	GGSS SAMARU	15	F	BN	1.50	49	23	84	70	61	34	46	80	49	50	99	20	14	12	12	12.90	12.70	1.48	1.032	29.7
415	GGSS SAMARU	15	F	BN	1.62	52	22	79	70	61	33	45	78	48	53	101	12	10	10	10	10.62	7.75	1.90	1.040	25.5
416	GGSS SAMARU	15	F	KW	1.54	39	20	72	67	66	30	44	74	41	47	88	8	8	8	8	13.32	13.32	1.70	1.047	22.8
417	GGSS SAMARU	15	F	KG	1.54	42	21	77	65	56	31	41	72	50	48	98	20	20	18	20	13.91	19.97	1.62	1.024	33.4
418	GGSS SAMARU	15	F	KD	1.56	48	22	82	65	65	30	43	73	45	46	91	18	10	12	16	15.12	13.09	1.59	1.032	29.5
419	GGSS SAMARU	15	F	KD	1.54	46	22	82	72	59	33	45	78	44	51	95	14	18	20	18	13.86	13.51	1.12	1.027	32.0
420	GGSS SAMARU	15	F	BN	1.51	49	23	80	66	60	31	44	75	41	44	85	16	8	10	14	14.60	14.19	1.61	1.036	27.8
421	GGSS SAMARU	15	F	KG	1.77	60	22	86	75	73	36	50	86	51	53	104	16	16	12	16	14.77	12.85	0.49	1.030	30.6
422	GGSS SAMARU	15	F	KD	1.55	48	22	78	74	57	31	43	74	47	51	98	8	8	8	10	11.07	8.40	1.68	1.045	23.7
423	GGSS SAMARU	15	F	KD	1.52	52	24	89	75	58	34	45	79	45	49	94	20	14	12	12	13.54	13.28	1.25	1.031	31.0
424	GGSS SAMARU	15	F	BN	1.60	48	22	84	72	63	34	46	80	47	52	97	12	10	8	6	13.86	13.07	1.41	1.045	23.7
425	GGSS SAMARU	15	F	BN	1.58	47	21	81	71	61	33	45	78	46	51	97	12	10	10	12	12.69	13.64	1.48	1.039	26.6
426	GGSS SAMARU	15	F	KD	1.54	42	20	75	68	58	34	44	78	48	48	96	20	21	18	20	10.10	8.50	1.90	1.023	33.9
427	GGSS SAMARU	15	F	KD	1.58	50	22	81	72	58	31	45	76	49	51	100	10	8	10	8	10.67	8.45	1.72	1.045	23.7
428	GGSS SAMARU	15	F	KD	1.56	47	22	80	66	59	33	45	78	48	49	97	18	20	14	16	11.89	9.34	1.64	1.027	32.0
429	GGSS SAMARU	15	F	BO	1.52	49	22	82	74	59	32	44	76	45	48	93	10	12	12	14	13.01	13.01	1.40	1.036	27.8
430	GGSS SAMARU	15	F	KG	1.58	44	20	78	67	59	33	46	79	48	51	99	10	10	10	10	13.46	11.69	1.52	1.041	25.5
431	GGSS SAMARU	15	F	PL	1.52	48	23	82	75	57	30	44	74	46	49	95	14	12	14	10	11.57	10.06	1.20	1.035	28.3
432	GGSS SAMARU	15	F	KG	1.61	54	23	89	67	65	31	41	72	46	50	96	20	16	16	16	14.17	15.40	1.25	1.027	32.0
433	GGSS SAMARU	15	F	BN	1.56	56	24	89	74	58	34	47	81	45	53	98	8	6	6	6	13.60	11.83	1.75	1.052	20.5
434	GGSS SAMARU	15	F	KD	1.64	57	27	95	80	65	33	44	77	49	50	99	16	12	14	14	12.75	12.37	1.63	1.033	29.2
435	GGSS SAMARU	15	F	BN	1.59	55	25	86	74	61	34	46	80	49	49	98	20	20	18	18	13.17	9.69	1.61	1.024	33.4
436	GGSS SAMARU	15	F	KW	1.61	51	23	83	69	61	34	45	79	49	49	98	12	10	12	12	13.00	13.61	1.31	1.037	27.3
437	GGSS SAMARU	15	F	DT	1.57	45	22	80	65	66	31	43	74	44	47	91	18	18	20	20	11.96	9.87	1.58	1.024	33.4
438	GGSS SAMARU	15	F	CR	1.56	51	23	86	64	60	29	42	71	48	48	96	8	10	8	6	14.34	12.78	1.58	1.047	22.8
439	GGSS SAMARU	15	F	BO	1.51	42	21	78	66	57	33	44	77	46	48	94	6	6	6	6	12.53	8.47	1.86	1.054	19.6
440	GGSS SAMARU	15	F	AN	1.54	59	25	86	77	70	33	45	78	36	48	84	8	4	6	8	15.09	9.31	1.56	1.052	20.5
441	GGSS SAMARU	15	F	KN	1.51	52	25	89	78	58	29	41	70	47	46	93	8	10	10	8	13.71	10.55	1.53	1.064	15.2
442	GGSS SAMARU	15	F	AN	1.56	64	25	95	81	63	29	43	72	45	49	94	6	10	9	6	13.33	10.44	1.73	1.043	24.6
443	GGSS SAMARU	15	F	BN	1.48	46	21	80	70	60	30	42	72	43	45	88	8	10	10	10	10.72	7.59	1.96	1.042	25.0
444	GGSS SAMARU	15	F	KD	1.61	58	24	86	68	62	33	45	79	48	51	99	10	10	10	12	10.56	7.28	2.38	1.040	25.5
445	GGSS SAMARU	15	F	KD	1.54	45	21	82	71	62	30	45	64	45	47	92	6	8	6	6	13.44	9.72	1.53	1.052	20.5
446	GGSS SAMARU	15	F	KD	1.52	45	23	80	71	61	29	42	71	44	48	92	8	8	6	8	13.30	11.31	1.48	1.049	21.9
447	GGSS SAMARU	15	F	BO	1.60	51	23	90	75	65	36	46	82	50	51	101	20	10	20	20	12.42	11.35	1.66	1.027	32.0
448	GGSS SAMARU	15	F	BN	1.64	54	23	84	67	65	33	45	78	48	51	99	12	10	12	16	11.71	8.23	2.08	1.036	27.8
449	GGSS SAMARU	15	F	BN	1.54	56	23	85	70	58	32	46	78	48	48	96	18	14	14	14	15.09	9.16	1.65	1.009	40.6
450	GGSS SAMARU	15	F	KD	1.46	41	21	78	68	59	30	39	69	42	45	87	10	12	12	8	11.41	8.71	1.55	1.040	25.5
451	GGSS SAMARU	15	F	BN	1.54	52	23	84	72	58	33	46	79	48	48	96	14	15	10	14	14.56	13.44	1.10	1.034	28.7
452	GGSS SAMARU	15	F	KD	1.63	48	21	79	72	63	35	47	39	51	49	100	18	10	16	14	11.38	7.08	1.97	1.031	30.1
453	GGSS SAMARU	15	F	QQ	1.59	48	24	81	77	59	32	46	78	48	52	100	16	12	14	14	11.83	8.07	1.79	1.032	29.7

454	GGSS SAMARU	15	F	KG	1.59	57	25	91	77	61	29	44	73	46	47	93	18	8	8	8	11.26	8.75	1.70	1.045	23.7
455	GGSS SAMARU	15	F	BD	1.59	58	25	88	78	56	34	44	78	52	51	103	10	8	8	8	11.26	8.75	1.70	1.045	23.7
456	GGSS SAMARU	15	F	KD	1.58	48	24	86	64	71	32	44	76	42	45	87	18	10	14	18	10.00	7.74	2.10	1.031	30.1
457	GGSS SAMARU	15	F	KD	1.58	54	23	83	79	57	34	48	82	47	54	101	10	12	12	12	11.21	8.13	1.70	1.037	27.3
458	GGSS SAMARU	15	F	KG	1.56	61	26	96	72	61	30	44	74	46	50	96	18	20	20	12	16.57	15.78	0.95	1.027	32.0
459	GGSS SAMARU	15	F	AB	1.59	54	25	91	67	74	31	42	73	40	45	85	20	18	16	20	13.60	8.55	1.50	1.024	33.4
460	GGSS SAMARU	16	F	KG	1.59	45	21	81	62	57	33	47	80	51	51	102	6	6	6	8	11.46	7.85	1.72	.	20.5
461	GGSS SAMARU	16	F	KD	1.79	50	24	85	66	66	35	50	85	56	57	113	10	8	8	10	8.23	10.94	1.52	.	24.1
462	GGSS SAMARU	16	F	KD	1.65	59	25	89	78	61	33	48	81	52	52	104	12	10	10	10	11.69	8.17	1.88	.	26.1
463	GGSS SAMARU	16	F	BN	1.54	49	23	85	76	58	33	45	78	47	49	96	8	6	8	6	11.57	8.50	1.58	.	21.4
464	GGSS SAMARU	16	F	KD	1.61	61	25	92	73	58	38	48	86	51	52	103	10	8	8	10	13.59	11.78	1.90	.	24.1
465	GGSS SAMARU	16	F	KG	1.57	47	25	89	66	60	28	47	77	48	49	97	10	10	8	8	11.35	8.70	1.66	.	24.1
466	GGSS SAMARU	16	F	KD	1.55	43	21	77	66	61	31	47	78	45	49	94	6	6	6	6	10.92	8.72	1.58	.	19.6
467	GGSS SAMARU	16	F	BN	1.58	50	21	82	77	63	34	43	77	46	49	95	8	6	8	6	11.58	9.19	1.58	.	21.4
468	GGSS SAMARU	16	F	BN	1.57	57	27	89	79	67	34	43	77	51	49	100	10	4	8	8	12.50	8.75	1.40	.	23.7
469	GGSS SAMARU	16	F	KD	1.63	54	22	82	69	66	34	46	80	48	49	97	10	10	8	10	10.75	8.83	1.87	.	25.1
470	GGSS SAMARU	16	F	KD	1.54	54	23	86	67	62	31	41	72	43	49	92	10	8	8	8	11.53	10.75	1.74	.	22.8
471	GGSS SAMARU	16	F	BN	1.59	59	25	90	77	60	33	46	79	49	50	99	14	10	10	8	10.41	7.80	2.08	.	26.1
472	GGSS SAMARU	16	F	KD	1.61	45	22	81	70	56	32	47	79	52	52	105	8	6	6	6	11.95	8.87	1.52	.	21.4
473	GGSS SAMARU	16	F	KG	1.58	47	22	79	70	60	33	46	79	46	52	98	10	8	7	6	8.92	12.18	1.76	.	22.3
474	GGSS SAMARU	16	F	KG	1.52	60	26	74	67	59	29	45	74	46	47	93	16	8	14	12	12.42	11.06	1.81	.	26.6
475	GGSS SAMARU	16	F	KD	1.62	46	21	76	72	67	31	44	75	46	49	95	6	6	6	6	14.13	13.22	1.79	.	19.6
476	GGSS SAMARU	16	F	KD	1.57	54	24	83	72	51	31	49	80	45	51	106	8	8	8	6	13.43	9.23	1.61	.	21.9
477	GGSS SAMARU	16	F	BN	1.57	50	22	84	68	60	33	42	75	48	49	97	6	6	8	8	10.77	7.79	2.05	.	21.4
478	GGSS SAMARU	16	F	KT	1.59	46	20	79	68	61	31	44	75	47	51	98	10	8	8	6	11.87	8.78	1.74	.	23.7
479	GGSS SAMARU	16	F	KD	1.72	63	25	87	78	75	36	48	84	48	49	97	8	6	8	6	13.45	13.95	1.90	.	21.4
480	GGSS SAMARU	16	F	KD	1.54	44	22	76	65	60	30	42	73	45	49	94	10	6	6	6	13.12	12.15	1.76	.	21.4
481	GGSS SAMARU	16	F	KD	1.67	50	22	68	59	64	36	48	84	50	53	103	8	8	6	6	10.76	9.35	1.50	.	21.4
482	GGSS SAMARU	16	F	KG	1.56	51	24	84	70	64	33	44	77	45	47	92	10	10	8	8	12.87	9.41	1.41	.	24.1
483	GGSS SAMARU	16	F	OY	1.51	55	23	88	75	58	32	48	72	46	47	93	8	6	6	8	13.64	15.40	1.50	.	21.4
484	GGSS SAMARU	16	F	NG	1.54	51	23	82	72	58	34	46	80	46	50	96	12	12	12	10	15.30	9.91	1.55	.	26.6
485	GGSS SAMARU	16	F	KD	1.54	52	23	85	68	60	31	47	78	46	48	94	8	8	6	6	11.20	8.16	1.90	.	21.4
486	GGSS SAMARU	16	F	KD	1.58	58	23	81	77	60	33	46	79	47	51	98	20	15	14	12	13.39	10.00	1.81	.	30.6
487	GGSS SAMARU	16	F	KN	1.62	54	23	86	65	62	31	45	76	51	49	100	20	16	14	12	13.29	10.24	1.54	.	30.6
488	GGSS SAMARU	16	F	KD	1.65	47	22	80	68	66	31	45	76	51	48	99	20	12	8	12	11.00	10.62	1.78	.	28.7
489	GGSS SAMARU	16	F	AB	1.64	52	21	81	72	62	33	48	81	51	51	102	8	8	8	8	14.17	13.11	1.61	.	22.8
490	GGSS SAMARU	16	F	KD	1.54	63	25	94	78	53	32	47	79	52	49	101	22	14	22	18	11.58	8.75	1.81	.	33.4
491	GGSS SAMARU	16	F	KW	1.53	64	27	91	67	60	29	45	73	48	51	99	22	10	16	20	12.30	12.28	1.70	.	32.0
492	GGSS SAMARU	16	F	KD	1.59	52	22	83	70	61	33	44	77	50	48	98	6	8	8	6	12.05	9.10	1.75	.	21.4
493	GGSS SAMARU	16	F	BN	1.61	65	29	91	87	65	24	47	71	47	49	96	18	14	14	14	15.40	9.90	1.73	.	30.1
494	GGSS SAMARU	16	F	KD	1.57	52	24	65	65	73	29	41	70	43	41	84	8	8	8	8	15.79	12.25	1.35	.	22.8
495	GGSS SAMARU	16	F	PL	1.53	52	22	85	79	61	33	41	74	44	48	92	6	8	8	8	12.91	9.65	1.64	.	22.8
496	GGSS SAMARU	16	F	KD	1.62	53	23	84	70	61	33	48	81	51	50	101	20	20	15	13	12.79	9.66	1.58	.	32.0
497	GGSS SAMARU	16	F	KN	1.62	46	22	86	60	76	29	46	75	45	41	86	16	10	10	12	15.10	13.04	1.57	.	27.8
498	GGSS SAMARU	16	F	BN	1.60	58	25	90	78	65	24	46	70	46	50	96	20	15	14	14	16.94	12.05	1.40	.	31.1
499	GGSS SAMARU	16	F	OY	1.56	54	23	84	70	61	33	46	79	48	49	97	10	12	12	12	11.67	9.84	1.45	.	26.1
500	GGSS SAMARU	16	F	KD	1.59	51	22	83	71	58	32	47	79	51	50	101	6	6	6	6	12.35	9.71	1.82	.	19.6
501	GGSS SAMARU	16	F	BN	1.55	50	24	89	82	59	34	44	78	48	48	96	12	14	10	14	10.88	8.55	1.62	.	28.1
502	GGSS SAMARU	16	F	BN	1.68	65	36	93	72	61	35	48	83	53	54	107	16	16	14	16	12.50	11.11	1.64	.	30.6
503	GGSS SAMARU	16	F	OY	1.51	42	20	76	65	58	30	39	69	47	46	93	10	12	8	12	11.63	9.39	1.55	.	26.1
504	GGSS SAMARU	16	F	ED	1.52	54	22	84	70	56	33	45	78	48	48	96	16	14	14	16	11.01	8.50	1.70	.	30.1
505	GGSS SAMARU	16	F	BN	1.58	51	20	80	73	59	33	46	79	49	50	99	14	10	8	12	10.73	8.19	1.78	.	27.8
506	GGSS SAMARU	16	F	KD	1.52	45	22	79	57	54	32	44	76	49	49	98	14	14	10	12	11.95	8.95	1.80	.	28.1
507	GGSS SAMARU	16	F	BD	1.55	45	21	51	68	61	32	45	77	46	48	94	16	10	10	12	11.52	9.71	1.50	.	27.8
508	GGSS SAMARU	16	F	BN	1.54	65	25	92	75	53	33	45	78	49	52	101	20	20	20	20	10.78	10.05	1.81	.	33.9
509	GGSS SAMARU	16	F	KD	1.44	42	20	85	73	55	29	42	71	45	44	89	6	8	8	10	11.43	10.42	1.39	.	22.8
510	GGSS SAMARU	17	F	KD	1.59	49	22	84	70	64	33	44	77	47	48	95	18	12	12	14	12.16	8.13	1.53	1.032	29.7
511	GGSS SAMARU	17	F	KD	1.60	54	25	87	71	60	33	45	78	49	51	100	22	10	10	12	11.89	13.60	1.47	1.040	26.4
512	GGSS SAMARU	17	F	KD	1.65	59	25	93	78	61	31	48	79	49	49	98	18	16	14	14	11.21	8.41	1.68	1.031	30.1
513	GGSS SAMARU	17	F	OY	1.53	53	23	86	71	56	31	43	74	48	49	97	10	12	12	12	11.31	9.24	1.10	1.038	27.1
514	GGSS SAMARU	17	F	BN	1.66	55	23	84	71	64	34	50	84	50	52	102	12	10	10	10	11.31	7.87	2.03	1.041	25.5
515	GGSS SAMARU	17	F	OT	1.64	58	24	89	77	64	33	46	79	50	50	100	10	12	12	12	12.00	9.28	1.74	1.038	27.1
516	GGSS SAMARU	17	F	KD	1.64	53	24	85	71	59	44	48	85	55	50	105	12	12	10	10	10.89	8.00	1.59	1.039	26.6
517	GGSS SAMARU	17	F	KD	1.57	48	22	84	71	63	31	43	74	46	48	94	20	14	18	18	12.54	9.37	1.47	1.027	32.2
518	GGSS SAMARU	17	F	KD	1.65	53	23	87	71	66	34	46	80	48	51	99	14	16	16	16	11.90	8.19	1.46	1.031	30.0
519	GGSS SAMARU	17	F	BN	1.61	56	24	90	74	69	31	44	75	46	46	92	16	12	8	12	10.89	8.98	1.86	1.036	27.8

519	GGSS SAMARU	17	F	BN	1.61	56	24	90	74	63	31	44	75	47	49	96	12	10	10	10	11.00	9.04	1.68	1.040	26.1
520	GGSS SAMARU	17	F	KG	1.61	57	26	91	75	65	29	46	75	47	49	96	12	10	10	10	11.00	9.04	1.68	1.040	26.1
521	GGSS SAMARU	17	F	NG	1.60	56	25	87	71	64	31	47	78	48	48	96	25	12	16	24	14.14	10.14	1.68	1.028	31.5
522	GGSS SAMARU	17	F	BN	1.67	57	26	98	76	61	35	47	82	52	54	106	24	16	16	16	11.99	8.39	1.40	1.027	32.0
523	GGSS SAMARU	17	F	NG	1.60	65	26	100	79	66	31	45	76	46	48	94	20	12	12	12	11.47	8.50	1.57	1.032	29.7
524	GGSS SAMARU	17	F	KD	1.57	58	24	36	75	61	31	43	74	48	48	96	12	14	12	12	13.01	8.86	1.62	1.035	28.1
525	GGSS SAMARU	17	F	NG	1.50	49	24	87	73	60	29	43	72	45	45	90	16	18	10	10	11.42	8.78	1.57	1.033	29.2
526	GGSS SAMARU	17	F	KM	1.54	49	23	81	70	58	34	43	77	48	48	96	30	24	30	24	11.06	8.09	1.73	1.015	37.5
527	GGSS SAMARU	17	F	KG	1.70	60	24	87	74	67	34	52	86	50	53	103	14	18	10	10	13.28	8.91	1.77	1.034	28.7
528	GGSS SAMARU	17	F	KD	1.52	42	21	79	65	61	30	43	73	46	46	92	14	10	10	8	11.89	8.82	1.75	1.038	26.1
529	GGSS SAMARU	17	F	KW	1.56	53	24	81	69	60	30	44	74	48	48	96	14	12	12	10	11.79	11.19	2.03	1.036	27.8
530	GGSS SAMARU	17	F	KD	1.54	49	22	80	67	61	33	44	77	46	47	93	16	12	14	14	12.06	8.92	1.65	1.032	29.7
531	GGSS SAMARU	17	F	PL	1.51	47	21	84	66	62	29	44	72	43	46	89	20	18	15	14	12.63	9.24	1.32	1.027	32.0
532	GGSS SAMARU	17	F	KT	1.57	61	25	92	80	63	28	49	77	47	48	95	16	8	12	14	12.84	8.44	1.85	1.035	28.1
533	GGSS SAMARU	17	F	BN	1.50	54	26	97	76	64	30	43	73	43	43	86	22	18	16	15	11.69	8.88	1.42	1.026	32.5
534	GGSS SAMARU	17	F	KN	1.53	53	23	81	70	60	33	48	81	49	53	102	12	8	10	12	12.16	9.35	1.50	1.033	29.2
535	GGSS SAMARU	17	F	KD	1.61	55	25	86	72	62	33	45	78	49	50	99	18	14	16	15	11.89	8.60	1.38	1.029	31.1
536	GGSS SAMARU	17	F	KG	1.59	51	23	80	71	67	31	46	77	44	48	92	12	12	12	12	12.36	9.07	1.86	1.035	28.1
537	GGSS SAMARU	17	F	PL	1.51	58	26	92	78	61	31	45	76	46	47	93	20	18	16	20	13.13	9.66	1.33	1.025	32.9
538	GGSS SAMARU	17	F	BN	1.65	55	24	87	71	67	34	46	80	48	51	99	14	16	16	16	11.90	8.19	1.46	1.031	30.0
539	GGSS SAMARU	17	F	BN	1.55	50	23	87	78	62	31	44	75	45	47	93	14	14	10	14	13.16	9.71	1.41	1.034	28.7
540	GGSS SAMARU	17	F	KD	1.60	54	23	90	72	64	32	46	77	48	49	96	12	14	10	10	12.27	9.91	1.50	1.038	27.1
541	GGSS SAMARU	17	F	BN	1.54	46	21	84	66	59	32	44	76	47	48	95	12	12	10	10	10.93	9.15	1.62	1.034	26.6
542	GGSS SAMARU	17	F	KG	1.55	54	24	89	71	62	31	44	75	46	47	93	12	18	12	12	12.58	10.12	1.71	1.033	29.2
543	GGSS SAMARU	17	F	BN	1.74	68	28	96	80	71	35	48	83	50	53	103	22	18	10	16	11.90	9.07	1.56	1.036	27.7
544	GGSS SAMARU	17	F	PL	1.64	49	22	85	72	61	33	51	84	50	53	103	20	18	10	10	11.36	11.25	1.15	1.031	30.0
545	GGSS SAMARU	17	F	KD	1.53	53	23	87	72	62	29	44	73	45	48	93	20	15	14	14	12.90	9.28	1.45	1.029	31.1
546	GGSS SAMARU	17	F	KW	1.66	51	22	84	74	66	35	46	81	49	51	100	12	10	10	12	10.73	7.88	1.90	1.039	26.4
547	GGSS SAMARU	17	F	KD	1.60	59	25	92	77	64	32	45	77	48	48	96	22	16	12	18	11.85	8.82	1.87	1.027	32.0
548	GGSS SAMARU	17	F	BN	1.68	57	23	88	74	60	33	44	77	49	49	98	28	14	12	12	11.25	8.59	1.84	1.029	31.1
549	GGSS SAMARU	17	F	KD	1.51	49	25	86	70	61	30	43	73	44	46	90	22	16	14	16	13.91	9.56	1.56	1.027	32.0
550	GGSS SAMARU	17	F	KD	1.60	60	24	83	70	59	32	46	78	50	51	101	16	13	16	16	12.06	8.22	1.68	1.031	30.0
551	GGSS SAMARU	17	F	BD	1.60	49	23	81	67	59	32	46	78	49	52	101	24	14	10	10	11.46	9.62	1.68	1.031	30.0
552	GGSS SAMARU	17	F	AN	1.63	57	24	89	78	65	32	44	76	48	50	98	18	14	12	14	11.69	9.12	1.57	1.031	30.1
553	GGSS SAMARU	17	F	BN	1.57	56	25	88	78	60	34	45	79	49	48	97	16	14	12	12	11.87	7.81	1.77	1.032	29.7
554	GGSS SAMARU	17	F	KW	1.66	62	25	90	71	66	34	45	79	47	53	100	16	18	10	12	11.99	8.91	1.63	1.032	29.7
555	GGSS SAMARU	17	F	KN	1.68	74	28	70	83	79	30	46	76	48	41	89	18	10	12	14	12.00	8.66	1.63	1.033	29.2
556	GGSS SAMARU	17	F	KG	1.48	45	23	85	68	53	29	43	72	46	49	95	16	12	12	10	13.64	9.84	1.40	1.035	28.1
557	GGSS SAMARU	17	F	BN	1.61	54	23	82	76	61	36	46	82	50	50	100	10	12	10	12	12.23	8.83	1.86	1.039	26.6
558	GGSS SAMARU	17	F	DT	1.70	59	23	85	69	65	35	49	84	49	56	105	12	10	8	8	11.58	9.07	1.54	1.042	25.1
559	GGSS SAMARU	17	F	KN	1.54	47	21	84	70	62	30	41	71	45	47	92	12	10	10	10	13.28	10.84	1.40	1.040	26.1
560	GGSS SAMARU	18	F	KG	1.64	60	24	90	80	63	35	47	82	50	51	101	18	16	14	15	12.21	8.49	1.48	1.063	31.1
561	GGSS SAMARU	18	F	KD	1.54	46	22	82	69	52	33	34	67	43	59	102	16	12	12	14	11.51	9.44	1.46	1.054	29.2
562	GGSS SAMARU	18	F	KG	1.63	61	25	93	74	63	35	45	80	48	52	100	16	18	20	16	11.39	8.75	1.42	1.070	32.0
563	GGSS SAMARU	18	F	KG	1.57	49	23	83	70	62	34	48	82	46	49	95	20	10	20	16	12.58	12.85	1.50	1.066	27.7
564	GGSS SAMARU	18	F	KD	1.54	61	28	94	79	58	30	43	73	47	49	96	12	10	10	10	11.75	8.43	1.28	1.042	26.1
565	GGSS SAMARU	18	F	KG	1.58	58	25	89	73	60	33	46	79	48	50	98	22	16	22	32	12.32	9.28	1.58	1.092	35.8
566	GGSS SAMARU	18	F	KD	1.64	49	21	81	71	62	36	46	82	51	51	102	10	10	8	10	11.88	10.82	1.83	1.038	25.1
567	GGSS SAMARU	18	F	KG	1.50	49	23	85	71	58	31	42	73	45	47	92	24	15	12	16	11.81	9.87	1.78	1.067	31.5
568	GGSS SAMARU	18	F	BN	1.66	52	21	85	70	65	32	49	81	48	53	101	18	16	14	16	11.48	8.75	1.60	1.064	31.1
569	GGSS SAMARU	18	F	BN	1.62	51	24	81	68	59	38	49	87	50	55	105	18	10	10	10	10.29	8.98	1.93	1.048	27.8
570	GGSS SAMARU	18	F	KD	1.62	53	22	84	63	61	33	46	79	49	54	101	20	16	14	16	11.00	8.42	1.70	1.066	27.7
571	GGSS SAMARU	18	F	KN	1.57	52	23	89	74	59	33	43	76	49	49	98	20	16	10	14	11.52	9.92	1.25	1.060	30.1
572	GGSS SAMARU	18	F	KG	1.53	42	21	78	67	65	30	40	70	42	46	88	16	12	12	10	11.42	10.30	1.46	1.044	26.6
573	GGSS SAMARU	18	F	KD	1.52	41	21	77	60	54	32	45	87	50	48	98	18	15	12	12	11.31	8.39	1.45	1.051	29.7
574	GGSS SAMARU	18	F	KW	1.58	59	26	89	75	57	34	44	78	50	51	101	20	10	10	10	11.63	10.93	1.50	1.050	28.1
575	GGSS SAMARU	18	F	KD	1.51	46	23	81	61	54	32	39	41	49	48	97	20	30	16	22	11.58	9.45	1.39	.	33.4
576	GGSS SAMARU	18	F	KD	1.61	65	25	89	72	60	35	46	81	50	51	101	20	16	14	16	10.83	7.71	1.70	1.066	27.7
577	GGSS SAMARU	18	F	PL	1.55	50	23	81	74	53	34	47	81	51	51	102	18	10	10	10	11.67	9.07	1.60	1.048	27.8
578	GGSS SAMARU	18	F	OY	1.63	48	22	80	68	59	32	47	79	53	51	104	12	10	10	10	11.01	9.43	1.73	1.042	26.1
579	GGSS SAMARU	18	F	KG	1.67	54	21	89	75	65	35	46	81	48	54	102	16	16	12	12	11.58	8.50	1.67	1.056	29.7
580	GGSS SAMARU	18	F	KT	1.65	50	22	87	69	59	35	45	80	52	54	106	15	14	15	14	12.60	10.35	1.62	1.032	29.7
581	GGSS SAMARU	17	F	KG	1.52	64	26	95	84	55	33	43	76	48	49	97	20	26	20	22	12.70	8.95	1.40	1.088	34.8
582	GGSS SAMARU	18	F	KG	1.60	60	25	94	72	60	31	44	75	50	50	100	22	16	16	18	12.49	8.86	1.77	1.072	32.5
583	GGSS SAMARU	18	F	KG	1.57	64	25	89	72	57	32	43	75	50	50	100	14	12	12	12	12.21	9.92	1.49	1.050	28.1
584	GGSS SAMARU	18	F	KT	1.53	50	23	82	71	56	34	44	74	48	49	97	16	16	10	12	10.89	7.77	1.98	1.054	29.2
585	GGSS SAMARU	18	F	KD	1.58	54	25	86	71	61	32	43	76	47	50	97	10	12	10	10	12.07	8.33	1.66	1.047	26.1

586	GGSS SAMARU	18	F	KD	1.48	55	25	91	76	56	29	43	72	45	47	92	24	16	10	16	10.43	7.06	1.82	1.066	27.7
587	GGSS SAMARU	18	F	KD	1.58	57	24	91	70	66	32	41	73	45	48	92	18	18	10	12	12.67	8.23	1.40	1.050	28.1
588	GGSS SAMARU	18	F	KN	1.61	58	24	95	80	63	34	42	76	49	49	98	14	18	12	14	11.15	8.64	1.46	1.058	30.0
589	GGSS SAMARU	18	F	KD	1.54	50	24	84	76	59	31	43	74	48	47	95	10	14	16	18	11.91	9.13	1.58	1.058	30.0
590	GGSS SAMARU	18	F	KD	1.63	50	21	84	79	60	34	48	72	49	54	103	20	16	14	16	13.00	9.99	1.64	1.050	28.1
591	GGSS SAMARU	18	F	KD	1.60	53	24	86	71	62	34	46	80	48	50	98	18	16	18	10	15.07	15.45	1.40	1.062	30.6
592	GGSS SAMARU	18	F	KG	1.65	57	25	94	83	63	33	46	79	50	53	103	18	16	10	18	11.25	8.96	1.70	1.062	30.6
593	GGSS SAMARU	18	F	KD	1.68	60	24	90	73	68	34	46	80	48	52	100	18	12	12	14	11.36	8.94	2.00	1.056	29.7
594	GGSS SAMARU	18	F	KN	1.57	55	23	86	72	58	33	43	76	48	51	99	20	10	18	16	10.37	7.96	1.67	1.064	31.1
595	GGSS SAMARU	18	F	KD	1.57	50	22	86	69	60	34	44	78	48	49	97	10	10	10	10	12.09	11.31	1.75	1.046	27.1
596	GGSS SAMARU	18	F	KD	1.61	58	24	91	72	66	36	45	81	46	49	95	20	12	12	12	12.37	7.06	1.75	1.056	29.7
597	GGSS SAMARU	18	F	KD	1.61	49	21	86	68	62	31	42	73	48	51	99	10	8	10	12	11.63	9.36	1.58	1.040	25.5
598	GGSS SAMARU	18	F	KD	1.60	50	22	83	73	63	34	46	80	48	49	97	12	10	8	10	11.38	7.71	1.28	1.040	25.5
599	GGSS SAMARU	18	F	KD	1.50	48	23	84	70	57	30	43	73	47	46	93	12	10	10	10	11.13	9.60	1.96	1.042	26.1
600	GGSS SAMARU	18	F	KG	1.53	49	22	79	69	58	31	45	76	51	48	99	10	10	8	10	12.04	8.55	1.45	1.038	25.1
601	GGSS SAMARU	18	F	KG	1.66	50	22	82	71	60	33	43	75	49	51	100	20	10	10	10	11.38	7.64	1.90	1.050	28.1
602	GGSS SAMARU	18	F	DN	1.52	61	25	90	80	55	32	45	77	49	48	97	22	22	24	20	11.64	9.81	1.50	1.088	34.8
603	GGSS SAMARU	18	F	KW	1.59	51	21	83	71	60	34	43	77	48	50	98	18	12	14	14	13.38	10.00	1.79	1.058	30.0
604	GGSS SAMARU	18	F	AK	1.60	59	24	90	76	61	31	44	75	48	51	99	20	15	14	13	11.25	7.71	1.30	1.062	30.6
605	GGSS SAMARU	18	F	KG	1.65	63	23	95	79	63	32	49	81	49	53	102	18	14	12	16	12.64	12.14	1.15	1.060	30.1
606	GGSS SAMARU	18	F	OY	1.58	70	28	100	80	61	31	45	76	44	53	97	18	16	14	16	11.63	8.31	1.70	1.064	31.1
607	GGSS SAMARU	18	F	BN	1.64	65	25	81	73	65	34	46	90	49	51	100	14	12	10	12	14.92	16.00	1.30	1.048	27.8
608	GGSS SAMARU	18	F	KC	1.54	52	24	84	70	60	32	44	76	46	49	94	10	6	6	8	13.05	13.05	1.38	1.030	21.9
609	GGSS SAMARU	18	F	KD	1.54	54	24	87	75	57	30	46	76	50	47	97	10	12	14	18	15.53	15.45	1.47	1.054	29.2
610	DSS ABUZARIA	13	M	CR	1.55	39	20	71	61	69	26	42	68	45	41	86	6	6	5	8	10.47	8.87	1.93	1.063	15.5
611	DSS ABUZARIA	13	M	AB	1.56	42	21	76	66	52	26	42	68	45	52	97	5	6	8	7	10.72	10.10	1.73	1.062	15.9
612	DSS ABUZARIA	13	M	BN	1.45	36	21	71	57	58	26	44	70	41	46	87	8	4	5	7	9.98	7.75	2.05	1.065	15.0
613	DSS ABUZARIA	13	M	KG	1.72	61	26	87	68	67	33	51	84	49	56	105	7	8	8	8	11.10	7.32	2.40	1.057	18.3
614	DSS ABUZARIA	13	M	OS	1.50	37	20	71	67	56	29	44	73	43	51	94	8	7	5	5	10.94	8.13	1.30	1.063	15.5
615	DSS ABUZARIA	13	M	KG	1.56	46	21	84	72	63	26	44	70	37	56	93	6	8	7	8	10.08	8.12	2.08	1.059	17.4
616	DSS ABUZARIA	13	M	OS	1.51	34	19	73	63	59	33	29	52	43	49	92	7	8	8	8	10.56	8.69	1.35	1.057	18.3
617	DSS ABUZARIA	13	M	KD	1.56	34	18	71	64	60	30	44	74	45	51	96	9	9	5	5	11.26	9.22	1.59	1.060	16.9
618	DSS ABUZARIA	13	M	TR	1.48	37	19	74	66	59	29	44	73	43	46	89	7	7	8	8	10.73	8.60	1.90	1.058	17.9
619	DSS ABUZARIA	13	M	EG	1.60	41	20	78	73	63	25	46	61	45	52	97	8	7	8	8	10.56	8.44	1.81	1.057	18.3
620	DSS ABUZARIA	13	M	KW	1.51	37	19	72	66	60	25	40	65	43	48	91	5	5	5	5	10.35	7.92	1.88	1.070	12.8
621	DSS ABUZARIA	13	M	AK	1.51	37	19	73	61	60	29	41	70	43	48	91	4	4	4	4	10.69	8.00	2.00	1.077	9.6
622	DSS ABUZARIA	13	M	OY	1.49	34	19	66	60	61	23	41	84	39	46	85	8	4	6	5	11.58	9.97	1.60	1.066	14.4
623	DSS ABUZARIA	13	M	OY	1.53	45	21	74	67	57	24	39	64	44	52	96	6	8	8	8	10.60	8.28	1.80	1.058	17.9
624	DSS ABUZARIA	13	M	OY	1.39	33	19	71	62	51	26	39	65	41	47	88	6	6	6	6	11.25	8.76	1.63	1.065	15.0
625	DSS ABUZARIA	13	M	KT	1.45	31	17	69	61	61	29	37	66	39	45	84	7	8	5	7	10.29	8.37	1.79	1.061	16.5
626	DSS ABUZARIA	13	M	CO	1.30	32	23	71	60	44	26	37	63	43	43	86	5	5	5	5	10.47	7.99	1.78	1.070	12.8
627	DSS ABUZARIA	13	M	KG	1.64	45	19	75	68	56	32	46	78	46	52	98	6	7	6	7	11.78	8.00	1.50	1.062	15.9
628	DSS ABUZARIA	13	M	DT	1.60	45	20	74	73	61	35	47	82	48	51	99	8	7	8	7	11.31	7.28	1.56	1.058	17.9
629	DSS ABUZARIA	13	M	BN	1.47	39	21	68	64	56	30	45	75	43	48	91	4	5	5	5	10.85	7.86	1.85	1.071	12.2
630	DSS ABUZARIA	13	M	OD	1.54	44	21	74	70	61	32	43	75	45	48	93	7	8	7	7	11.17	8.01	1.89	1.059	17.4
631	DSS ABUZARIA	13	M	KD	1.48	41	19	72	64	61	31	43	74	41	46	87	5	6	6	6	10.09	10.35	1.88	1.065	15.0
632	DSS ABUZARIA	13	M	AB	1.45	34	18	70	63	57	26	41	67	40	48	88	5	6	6	8	10.28	8.44	1.75	1.063	15.5
633	DSS ABUZARIA	13	M	AH	1.65	46	21	80	68	67	34	48	82	47	51	98	6	6	6	7	10.91	7.22	1.95	1.063	15.5
634	DSS ABUZARIA	13	M	BN	1.51	44	21	77	66	61	31	43	74	42	48	90	8	7	6	6	10.30	7.69	1.95	1.061	16.5
635	DSS ABUZARIA	13	M	KD	1.43	37	20	71	61	57	31	43	74	44	43	92	6	6	6	6	10.46	8.00	2.09	1.065	15.0
636	DSS ABUZARIA	13	M	AN	1.53	39	21	69	62	61	33	45	78	43	49	92	6	6	6	6	10.28	8.22	1.70	1.065	15.0
637	DSS ABUZARIA	13	M	AK	1.50	39	20	72	61	57	29	40	69	45	48	93	4	6	4	6	11.25	8.32	2.00	1.070	12.8
638	DSS ABUZARIA	13	M	KD	1.47	42	21	76	67	55	30	41	71	43	49	92	7	10	6	7	10.67	8.25	1.85	1.058	17.9
639	DSS ABUZARIA	13	M	OC	1.40	36	19	72	60	54	28	41	69	39	47	86	7	6	5	6	10.38	7.60	1.86	1.066	14.4
640	DSS ABUZARIA	13	M	AD	1.55	43	21	77	68	61	31	43	74	44	50	94	6	6	6	7	10.14	7.75	2.08	1.063	15.5
641	DSS ABUZARIA	13	M	BD	1.47	35	18	73	66	61	30	40	70	42	44	86	4	4	4	6	10.91	8.71	1.82	1.073	11.5
642	DSS ABUZARIA	13	M	AK	1.45	36	19	66	64	58	29	41	70	40	47	87	5	7	5	5	12.02	9.40	1.09	1.067	13.9
643	DSS ABUZARIA	13	M	KT	1.56	41	18	76	72	66	31	45	76	41	49	90	6	6	6	6	10.50	8.12	1.89	1.065	15.0
644	DSS ABUZARIA	13	M	KD	1.45	34	18	69	61	63	27	41	68	37	45	82	6	5	4	6	11.07	8.62	2.01	1.068	13.5
645	DSS ABUZARIA	13	M	KD	1.37	30	18	68	61	55	27	38	65	38	44	82	6	6	6	6	11.03	7.92	1.90	1.065	15.0
646	DSS ABUZARIA	13	M	PN	1.51	40	19	73	61	60	31	44	75	42	49	91	5	6	4	5	10.31	7.71	2.14	1.070	12.8
647	DSS ABUZARIA	13	M	KG	1.41	36	19	73	63	58	28	41	69	39	44	83	8	7	7	8	10.36	7.84	1.71	1.058	17.9
648	DSS ABUZARIA	13	M	AN	1.60	50	22	78	64	60	31	46	77	48	52	100	5	5	6	6	10.42	7.79	2.13	1.067	13.9
649	DSS ABUZARIA	13	M	KG	1.53	37	18	71	68	59	31	43	74	44	50	94	4	5	4	4	11.41	8.34	2.02	1.074	10.9

650	DSS ABUZARIA	13	M	KG	.	.	18	68	62	.	30	44	74	46	51	97	5	6	5	5	.	.	.	.	.
651	DSS ABUZARIA	13	M	KD	.	.	20	73	67	.	31	45	76	39	49	88	8	9	6	6	.	.	.	.	.
652	DSS ABUZARIA	13	M	KW	1.72	53	21	83	76	71	35	50	85	48	53	101	6	6	6	6	10.59	8.37	2.03	1.065	15.0
653	DSS ABUZARIA	13	M	KW	1.44	34	19	68	56	58	26	39	65	39	48	87	6	6	5	6	10.53	7.75	1.74	1.066	14.4
654	DSS ABUZARIA	13	M	KN	1.57	49	19	73	69	64	33	44	77	43	50	93	8	7	6	7	11.00	8.72	1.98	1.060	16.9
655	DSS ABUZARIA	13	M	KG	.	.	23	86	71	.	37	52	89	51	59	110	7	5	8	8	.	.	.	.	.
656	DSS ABUZARIA	13	M	KN	1.50	39	19	73	67	60	30	43	73	43	47	90	5	5	6	5	10.56	8.86	1.88	1.068	13.5
657	DSS ABUZARIA	13	M	KT	1.49	36	20	74	64	59	30	43	73	43	47	90	10	8	7	8	10.10	8.68	1.93	1.056	18.8
658	DSS ABUZARIA	13	M	KD	1.59	42	21	73	73	62	31	47	78	44	49	93	7	8	6	5	10.53	8.06	1.85	1.062	15.9
659	DSS ABUZARIA	13	M	KW	1.44	35	18	70	62	59	31	33	69	38	47	85	6	6	6	6	.	.	.	.	.
660	DSS ABUZARIA	13	M	KD	1.44	33	20	71	65	56	28	43	71	41	47	88	6	5	5	5	10.87	8.88	1.87	1.068	13.5
661	DSS ABUZARIA	13	M	OG	.	.	20	71	65	.	28	43	71	37	37	74	6	6	6	5	.	.	.	.	.
662	DSS ABUZARIA	13	M	OY	1.57	46	22	80	68	66	32	45	77	41	50	91	6	10	8	8	10.94	8.41	1.63	1.057	18.5
663	DSS ABUZARIA	13	M	FD	1.56	39	19	73	64	68	31	43	74	41	47	88	5	5	5	5	9.62	7.85	2.26	1.070	12.8
664	DSS ABUZARIA	13	M	RV	1.47	32	18	68	61	62	26	41	67	40	45	85	5	6	5	6	11.10	9.38	1.85	1.067	13.9
665	DSS ABUZARIA	13	M	AB	1.43	47	19	72	62	56	28	42	70	42	45	87	6	6	6	6	10.56	8.49	1.81	1.065	15.0
666	DSS ABUZARIA	13	M	OS	1.44	45	18	67	60	60	28	40	68	42	42	84	6	6	5	5	11.41	9.28	1.95	1.070	12.8
667	DSS ABUZARIA	13	M	OG	1.51	43	21	77	67	61	27	43	70	43	47	90	7	7	5	7	10.20	8.03	2.21	1.062	15.9
668	DSS ABUZARIA	13	M	KT	1.53	42	20	78	71	61	29	42	71	45	47	92	7	5	6	6	.	.	.	.	.
669	DSS ABUZARIA	14	M	OS	1.56	48	22	80	70	57	30	46	76	47	52	99	10	10	9	9	11.00	8.84	1.88	1.052	20.5
670	DSS ABUZARIA	14	M	DT	1.74	57	21	82	67	69	34	50	84	50	55	105	7	8	8	8	10.79	7.98	2.09	1.057	18.3
671	DSS ABUZARIA	14	M	KG	1.53	40	20	75	70	57	30	42	72	48	48	96	6	8	8	7	10.10	7.93	1.94	1.059	17.4
672	DSS ABUZARIA	14	M	DT	1.50	30	19	74	73	59	31	43	74	42	49	91	7	8	7	6	10.15	7.81	2.00	1.070	12.8
673	DSS ABUZARIA	14	M	NG	1.36	35	19	70	65	55	24	37	71	40	41	81	7	6	6	7	11.23	7.10	1.80	1.062	15.9
674	DSS ABUZARIA	14	M	OS	1.50	37	20	71	67	56	29	44	73	43	51	94	8	7	5	5	10.34	7.32	1.90	1.063	15.5
675	DSS ABUZARIA	14	M	DT	1.58	48	21	80	70	63	30	44	74	46	49	95	7	7	8	7	10.71	7.22	1.10	1.059	17.4
676	DSS ABUZARIA	14	M	OG	1.54	41	21	76	68	62	33	42	73	45	47	92	12	9	7	9	9.84	7.72	1.92	1.052	20.5
677	DSS ABUZARIA	14	M	AB	1.49	42	21	77	65	58	30	42	72	45	45	90	8	7	7	7	10.14	8.29	1.96	1.059	17.4
678	DSS ABUZARIA	14	M	KG	1.60	41	20	78	73	63	25	46	61	45	52	97	8	7	8	8	10.56	8.44	1.81	1.057	18.3
679	DSS ABUZARIA	14	M	KG	1.61	44	20	74	60	66	32	44	76	47	48	95	6	7	7	8	10.50	8.75	1.85	1.060	16.9
680	DSS ABUZARIA	14	M	IN	1.59	51	22	84	78	67	32	47	79	45	47	92	9	10	8	9	10.19	10.56	1.89	1.053	20.1
681	DSS ABUZARIA	14	M	KW	1.59	59	24	84	71	60	33	47	80	49	50	99	9	10	7	9	10.41	7.60	2.37	1.054	19.6
682	DSS ABUZARIA	14	M	AN	1.54	38	19	72	64	60	32	44	76	46	48	94	6	6	6	6	10.55	9.42	2.04	1.065	15.0
683	DSS ABUZARIA	14	M	DT	1.61	48	21	80	69	64	32	46	79	47	50	97	7	8	7	8	9.75	7.50	2.07	1.058	17.9
684	DSS ABUZARIA	14	M	IN	1.53	43	21	75	67	62	34	41	78	48	46	94	9	8	7	8	10.14	7.93	1.95	1.057	18.5
685	DSS ABUZARIA	14	M	KD	1.49	37	18	72	70	58	31	41	72	41	53	94	6	8	7	6	11.78	10.83	1.48	1.061	16.5
686	DSS ABUZARIA	14	M	KD	1.57	37	18	73	66	59	32	43	80	49	49	98	6	7	6	6	10.88	8.09	1.83	1.063	15.5
687	DSS ABUZARIA	14	M	AN	1.54	45	21	78	67	58	31	40	71	48	48	96	7	6	5	6	10.12	7.86	2.12	1.065	15.0
688	DSS ABUZARIA	14	M	IM	1.56	43	20	72	63	56	33	45	78	46	54	100	7	6	6	6	10.86	8.23	1.77	1.063	15.5
689	DSS ABUZARIA	14	M	AN	1.42	54	22	78	69	66	35	41	76	51	45	96	8	8	6	8	10.45	7.03	2.25	1.058	17.9
690	DSS ABUZARIA	14	M	DD	1.53	39	21	76	63	54	32	44	76	43	50	93	8	7	6	6	10.41	8.47	2.1[illegible]	[illegible]	16.5
691	DSS ABUZARIA	14	M	KG	1.48	32	19	69	62	63	29	47	72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.9
692	DSS ABUZARIA	14	M	KG	1.63	47	22	80	70	59	33	46	79	52	52	104	7	8	7	7	9.96	7.38	2.05	1.059	17.4
693	DSS ABUZARIA	14	M	OD	1.74	58	23	83	82	67	35	46	81	49	58	107	7	7	6	9	10.50	7.75	1.91	1.059	17.4
694	DSS ABUZARIA	14	M	AD	1.55	39	20	73	69	57	32	45	78	48	50	98	8	8	7	8	10.51	8.40	1.98	1.057	18.3
695	DSS ABUZARIA	14	M	KG	1.66	55	22	80	76	60	30	50	80	50	56	106	5	5	5	6	10.32	7.43	2.49	1.068	13.5
696	DSS ABUZARIA	14	M	BN	1.61	40	21	80	69	61	31	46	77	49	51	100	7	8	7	7	10.15	8.03	1.96	1.059	17.4
697	DSS ABUZARIA	14	M	OS	1.61	44	28	78	61	65	26	48	74	46	50	96	5	7	7	7	10.31	7.31	2.29	1.062	15.9
698	DSS ABUZARIA	14	M	KW	1.57	47	22	80	75	55	31	46	77	50	52	102	8	8	7	8	10.91	7.61	2.15	1.057	18.3
699	DSS ABUZARIA	14	M	OG	1.54	44	23	79	65	56	30	44	74	49	49	98	8	8	7	8	10.10	7.92	2.32	1.057	18.3
700	DSS ABUZARIA	14	M	KG	1.49	43	22	73	63	58	25	43	68	43	48	91	7	7	6	7	11.42	7.84	2.03	1.061	16.5
701	DSS ABUZARIA	14	M	KW	1.59	40	18	72	70	62	30	45	75	45	52	97	7	7	6	8	10.18	8.03	2.05	1.060	16.9
702	DSS ABUZARIA	14	M	PL	1.69	63	24	93	84	66	32	50	82	50	53	103	9	13	10	11	10.44	8.01	1.95	1.048	22.3
703	DSS ABUZARIA	14	M	KD	1.55	43	20	75	66	64	30	44	74	42	49	91	6	6	6	6	10.21	7.79	2.09	1.065	15.0
704	DSS ABUZARIA	14	M	KG	1.69	50	21	83	73	72	33	47	80	46	51	97	7	9	8	9	10.57	7.87	1.57	1.056	18.8
705	DSS ABUZARIA	14	M	AB	1.65	56	26	84	70	66	33	51	84	57	52	99	8	8	7	8	10.52	7.59	2.29	1.057	18.3
706	DSS ABUZARIA	14	M	AB	1.66	54	22	84	70	66	32	46	78	49	51	100	9	9	8	7	10.32	7.77	2.13	1.056	18.8
707	DSS ABUZARIA	14	M	KG	1.56	47	22	78	74	62	30	45	75	43	51	94	9	8	8	8	9.97	7.42	1.88	1.056	18.8
708	DSS ABUZARIA	14	M	KD	1.56	49	24	79	66	60	29	45	74	46	50	96	6	8	8	8	10.89	7.41	2.09	1.058	17.9
709	DSS ABUZARIA	14	M	KG	1.53	48	20	80	78	51	32	47	79	50	52	102	5	6	5	5	10.90	7.53	1.97	1.068	13.5
710	DSS ABUZARIA	14	M	KG	1.62	48	20	79	76	63	34	45	79	47	52	99	7	8	8	8	9.91	7.72	2.15	1.057	18.3
711	DSS ABUZARIA	14	M	OD	1.46	35	19	69	60	58	29	42	71	42	46	88	5	7	6	6	10.53	7.40	2.14	1.065	15.0
712	DSS ABUZARIA	14	M	IM	1.51	41	23	76	66	61	29	44	73	42	48	90	6	7	6	6	11.00	8.15	1.58	1.063	15.5
713	DSS ABUZARIA	14	M	KG	1.61	55	24	84	73	63	33	43	76	48	50	98	6	7	6	8	9.44	8.11	2.02	1.061	16.5
714	DSS ABUZARIA	14	M	KG	1.53	37	18	70	63	63	28	42	70	43	47	90	6	6	6	7	11.00	7.94	1.90	1.063	15.5
715	DSS ABUZARIA	14	M	KD	1.61	56	24	85	73	61	34	48	82	48	52	100	8	9	8	9	9.97	7.56	1.90	1.055	19.2

716	DSS ABUZARIA	14	M	OD	1.54	41	22	77	72	60	33	43	76	45	49	94	10	8	7	8	10.06	8.13	1.85	1.056	18.
717	DSS ABUZARIA	14	M	RD	1.62	42	23	73	64	57	36	45	81	51	54	105	7	10	8	8	10.36	8.38	1.83	1.056	18.
718	DSS ABUZARIA	14	M	DT	1.60	48	22	78	60	61	31	46	77	48	51	99	7	6	7	6	9.85	7.85	1.89	1.062	15.
719	DSS ABUZARIA	15	M	DT	1.63	47	21	80	67	59	34	46	80	50	54	104	6	6	5	6	10.69	8.30	1.88	1.066	14.
720	DSS ABUZARIA	15	M	DT	1.64	41	19	76	60	61	32	46	78	50	53	103	11	8	6	6	12.06	10.31	1.55	1.057	18.
721	DSS ABUZARIA	15	M	CR	1.63	54	25	65	68	68	32	43	75	42	53	95	8	8	6	8	10.14	7.69	2.40	1.053	17.
722	DSS ABUZARIA	15	M	BN	1.73	70	22	86	75	71	35	51	86	46	56	102	5	6	7	8	10.25	7.21	2.56	1.062	11.
723	DSS ABUZARIA	15	M	AB	1.33	41	26	87	70	75	39	51	89	42	56	98	8	8	6	6	10.31	8.20	2.21	1.060	16.
724	DSS ABUZARIA	15	M	IM	1.62	56	22	81	73	59	34	48	82	48	55	103	8	6	6	8	9.81	8.35	2.06	1.060	16.
725	DSS ABUZARIA	15	M	KG	1.66	53	22	78	68	58	35	48	83	46	56	102	6	6	8	8	11.27	8.34	2.00	1.060	16.
726	DSS ABUZARIA	15	M	OG	1.60	50	24	81	74	65	32	44	76	43	52	95	6	8	6	8	10.87	7.55	1.88	1.060	16.
727	DSS ABUZARIA	15	M	AB	1.65	46	21	72	54	63	32	42	74	47	55	102	5	6	5	6	11.22	8.31	1.95	1.067	13.
728	DSS ABUZARIA	15	M	KD	1.56	44	21	76	65	63	32	45	77	41	52	93	6	8	6	8	11.19	8.56	2.12	1.060	16.
729	DSS ABUZARIA	15	M	KG	1.58	40	20	75	65	58	30	45	75	47	53	100	8	6	5	6	11.34	8.59	2.08	1.063	15.
730	DSS ABUZARIA	15	M	KG	1.52	41	20	74	60	55	30	44	74	48	49	97	8	8	6	6	11.19	9.91	1.94	1.060	16.
731	DSS ABUZARIA	15	M	AN	1.60	55	28	82	69	58	29	48	77	49	53	102	8	7	9	9	10.81	8.25	2.09	1.056	18.
732	DSS ABUZARIA	15	M	KG	1.60	50	22	79	73	77	33	44	77	40	43	83	6	8	6	8	10.72	7.89	2.00	1.060	16.
733	DSS ABUZARIA	15	M	OG	1.47	36	19	74	65	57	28	43	71	43	47	90	10	6	6	6	11.23	8.25	1.98	1.060	16.
734	DSS ABUZARIA	15	M	KD	1.67	55	23	82	75	57	30	49	79	54	56	110	11	11	6	12	10.78	7.84	2.40	1.050	21.
735	DSS ABUZARIA	15	M	KG	1.62	43	20	74	66	60	31	46	77	48	54	102	6	9	7	6	10.83	8.38	1.98	1.060	16.
736	DSS ABUZARIA	15	M	KG	1.61	50	23	83	68	83	32	45	77	39	37	78	8	10	8	7	10.12	8.47	1.91	1.056	18.
737	DSS ABUZARIA	15	M	AK	1.63	56	23	86	70	58	34	50	84	52	53	105	6	9	7	9	11.00	8.22	1.71	1.057	18.
738	DSS ABUZARIA	15	M	AK	1.56	43	20	79	69	60	32	43	75	48	48	96	7	7	6	8	10.62	8.70	1.78	1.060	17.
739	DSS ABUZARIA	15	M	RD	1.74	61	23	91	73	64	34	52	86	57	53	110	9	9	8	9	12.05	7.50	2.07	1.055	18.
740	DSS ABUZARIA	15	M	RD	1.57	42	21	73	61	61	30	45	75	46	50	96	8	8	8	8	11.09	7.93	2.09	1.057	18.
741	DSS ABUZARIA	15	M	KG	1.56	49	25	78	68	63	31	43	74	44	49	93	8	7	7	7	10.32	7.50	2.10	1.059	17.
742	DSS ABUZARIA	15	M	KW	1.57	47	21	80	66	55	33	48	81	51	51	102	7	9	8	8	8.83	7.66	1.81	1.056	18.
743	DSS ABUZARIA	15	M	KG	1.42	35	19	74	59	58	29	41	69	44	46	90	7	8	6	8	9.75	8.35	1.60	1.059	17.
744	DSS ABUZARIA	15	M	KN	1.37	51	23	84	72	33	36	44	80	51	53	104	9	8	6	10	10.82	8.70	1.81	1.056	18.
745	DSS ABUZARIA	15	M	KD	1.56	40	21	76	64	57	32	46	78	49	50	99	10	6	6	5	11.10	11.94	1.03	1.061	16.
746	DSS ABUZARIA	15	M	KD	1.53	36	20	72	66	57	31	44	75	46	50	96	10	7	5	6	10.13	9.18	1.57	1.060	16.
747	DSS ABUZARIA	15	M	KD	1.57	42	21	78	71	59	32	45	77	48	50	98	7	12	10	7	10.63	8.03	2.06	1.053	20.
748	DSS ABUZARIA	15	M	KW	1.53	45	21	85	73	62	31	46	77	50	51	101	10	10	8	6	10.84	8.48	1.91	1.055	19.
749	DSS ABUZARIA	15	M	AB	1.57	51	25	82	68	66	43	41	84	40	51	91	9	8	6	8	10.36	8.87	2.18	1.060	16.
750	DSS ABUZARIA	15	M	AN	1.63	43	21	74	71	69	32	46	78	40	54	94	6	6	5	5	10.68	9.34	1.95	1.067	13.
751	DSS ABUZARIA	15	M	DT	1.63	47	21	80	67	59	34	46	80	50	54	104	6	6	5	6	10.69	8.30	1.88	1.066	14.
752	DSS ABUZARIA	15	M	DT	1.64	41	19	76	60	61	32	46	78	50	53	103	11	8	6	6	12.06	10.31	1.55	1.057	18.
753	DSS ABUZARIA	15	M		1.51	52	20	80	64	60	29	47	76	46	46	92	8	10	7	10	14.02	8.00	1.75	1.054	19.
754	DSS ABUZARIA	15	M	CR	1.63	54	25	85	68	68	32	43	75	42	53	95	9	8	6	8	10.14	7.69	2.40	1.053	17.
755	DSS ABUZARIA	15	M		.	.	22	78	73	.	28	48	76	51	54	105	6	9	8	7	11.39	8.66	2.03	1.058	17.
756	DSS ABUZARIA	15	M	BN	1.73	70	22	86	75	71	35	51	86	46	56	102	5	6	7	8	10.25	7.21	2.56	1.062	16.
757	DSS ABUZARIA	15	M	IM	1.51	44	22	78	77	53	32	43	75	51	47	98	10	9	8	8	10.78	8.59	1.75	1.054	19.
758	DSS ABUZARIA	15	M	AB	1.73	61	26	87	70	75	39	51	89	42	56	98	8	9	6	6	10.31	8.20	2.26	1.060	16.
759	DSS ABUZARIA	15	M	LA	1.57	46	23	74	64	57	32	46	78	48	52	100	4	4	6	6	10.07	13.81	1.88	1.070	12.
760	DSS ABUZARIA	15	M	IM	1.62	56	22	81	73	59	34	48	82	48	55	103	8	6	6	8	9.81	8.35	2.06	1.060	16.
761	DSS ABUZARIA	15	M	KG	1.53	35	18	67	51	63	43	45	88	49	35	84	4	4	4	6	11.00	8.50	2.19	1.073	11.
762	DSS ABUZARIA	15	M	KG	1.66	53	22	78	68	58	35	48	83	46	56	102	6	6	8	8	11.27	8.34	2.66	1.060	16.
763	DSS ABUZARIA	15	M	OG	1.60	50	23	81	72	55	30	46	76	52	53	105	10	8	8	6	10.69	7.94	2.07	1.057	18.
764	DSS ABUZARIA	15	M	PL	1.60	50	24	81	74	65	32	44	76	43	52	95	6	8	6	8	10.87	7.55	1.88	1.060	16.
765	DSS ABUZARIA	15	M	BN	1.58	56	22	80	66	58	30	47	77	49	51	100	4	4	4	6	10.81	8.48	2.10	1.073	11.
766	DSS ABUZARIA	15	M	AB	1.65	46	21	72	54	63	32	42	74	47	55	102	5	6	5	6	11.22	8.31	1.95	1.067	13.
767	DSS ABUZARIA	15	M	AK	1.58	51	24	84	67	61	31	44	75	46	51	97	6	6	8	8	11.09	8.03	1.89	1.060	16.
768	DSS ABUZARIA	15	M	KD	1.56	44	21	76	65	63	32	45	77	41	52	93	6	8	6	8	11.14	8.56	2.12	1.060	16.
769	DSS ABUZARIA	15	M	KW	1.67	46	20	78	68	60	33	50	83	51	56	107	5	7	5	6	10.78	9.81	1.66	1.066	14.
770	DSS ABUZARIA	15	M	AB	1.57	51	25	82	68	66	43	41	84	40	51	91	6	9	6	8	10.76	8.87	2.18	1.060	16.
771	DSS ABUZARIA	15	M	KD	1.58	46	22	82	67	58	32	47	79	49	51	100	6	6	5	6	10.50	10.72	1.56	1.066	14.
772	DSS ABUZARIA	15	M	AN	1.63	43	21	74	71	69	32	46	78	40	54	94	6	6	5	5	10.68	9.34	1.95	1.068	13.
773	DSS ABUZARIA	15	M	KW	1.53	45	21	85	73	52	31	46	77	50	51	101	10	10	8	6	10.84	8.48	1.91	1.055	19.
774	DSS ABUZARIA	15	M	KG	1.60	50	22	79	73	77	33	44	77	40	43	83	6	8	6	8	10.72	7.89	2.00	1.060	16.
775	DSS ABUZARIA	15	M	KD	1.58	36	20	72	65	57	31	44	75	46	50	96	10	7	5	6	10.13	9.18	1.57	1.060	16.
776	DSS ABUZARIA	15	M	KG	1.61	50	23	83	68	83	32	45	77	39	39	78	8	10	8	7	10.12	8.47	1.91	1.056	18.
777	DSS ABUZARIA	15	M	KW	1.37	51	23	84	72	33	36	44	80	51	53	104	9	8	6	10	10.82	8.70	1.81	1.056	18.
778	DSS ABUZARIA	15	M	OS	1.47	36	19	74	65	57	28	43	71	43	47	90	10	6	6	6	11.23	8.25	1.98	1.060	16.
779	DSS ABUZARIA	15	M	KW	1.57	47	21	80	66	55	33	48	81	51	51	102	8	9	8	8	8.83	7.66	1.81	1.056	18.
780	DSS ABUZARIA	15	M	KD	1.67	55	23	82	76	57	30	49	79	54	56	110	11	11	6	12	10.78	7.84	2.40	1.050	21.
781	DSS ABUZARIA	15	M	KG	1.62	43	20	74	66	60	31	46	77	48	54	102	6	9	7	6	10.83	8.38	1.98	1.060	16.

782	DSS ABUZARIA	15	M	KG	1.52	41	20	74	66	55	30	43	74	48	49	97	8	8	6	6	11.19	9.91	1.94	1.060	16.9
783	DSS ABUZARIA	15	M		1.74	[illegible]	22	80	70	69	33	49	82	49	56	105	8	10	8	7	11.79	7.92	1.76	1.056	18.8
784	DSS ABUZARIA	15	M	AN	1.60	55	29	82	69	59	29	48	77	49	53	102	8	7	9	9	10.81	8.25	2.09	1.056	18.8
785	DSS ABUZARIA	15	M	KW	1.75	57	24	80	64	61	25	51	86	54	60	114	8	8	8	8	9.31	7.37	2.34	1.057	18.5
786	DSS ABUZARIA	15	M	AN	1.63	56	23	86	76	58	34	50	84	52	53	105	6	9	7	9	11.00	8.22	1.71	1.057	18.3
787	DSS ABUZARIA	15	M	BD	1.66	58	25	83	72	64	33	44	77	49	53	102	6	6	6	6	9.36	8.12	2.16	1.065	14.8
788	DSS ABUZARIA	15	M	AK	1.56	42	20	79	69	60	32	42	75	48	48	96	7	7	6	8	10.62	8.70	1.78	1.060	17.0
789	DSS ABUZARIA	15	M	BN	1.67	59	24	90	73	65	33	48	81	48	54	102	6	8	6	8	10.30	8.00	2.19	1.060	16.9
790	DSS ABUZARIA	15	M	BD	1.74	61	23	91	72	64	34	52	86	57	53	110	9	8	8	9	12.05	7.50	2.07	1.055	18.3
791	DSS ABUZARIA	15	M	SW	1.58	46	23	82	71	60	32	46	78	47	51	98	5	6	5	6	9.40	7.25	2.28	1.066	14.4
792	DSS ABUZARIA	15	M	BD	1.57	42	21	72	61	61	30	45	75	46	50	96	8	8	8	8	11.05	7.53	2.09	1.057	18.3
793	DSS ABUZARIA	15	M	KD	1.57	42	21	78	71	59	32	45	77	48	50	98	7	12	10	7	10.63	8.03	2.06	1.053	20.1
794	DSS ABUZARIA	15	M	KG	1.56	49	25	78	68	63	31	43	74	44	49	93	8	7	7	7	10.32	7.50	2.10	1.059	17.4
795	DSS ABUZARIA	15	M	KG	1.48	35	19	74	59	58	29	41	69	44	46	90	7	8	6	8	9.75	8.35	1.60	1.059	17.4
796	DSS ABUZARIA	15	M		1.70	61	23	80	71	64	34	49	83	54	55	109	8	9	8	8	15.10	7.39	1.61	1.056	18.8
797	DSS ABUZARIA	15	M	KW	1.53	44	22	79	68	59	31	46	77	47	47	94	8	8	7	7	11.42	8.00	1.90	1.058	17.9
798	DSS ABUZARIA	15	M	DT	1.61	57	24	75	63	65	28	44	72	47	49	96	4	4	4	4	11.25	8.01	2.03	1.077	9.6
799	DSS ABUZARIA	15	M	DT	1.63	47	21	79	69	58	32	48	80	49	56	105	6	4	4	6	11.22	9.94	1.74	1.070	12.8
800	DSS ABUZARIA	15	M	NN	1.68	50	24	85	74	60	34	49	83	51	57	108	9	9	9	6	10.72	7.80	2.00	1.057	18.5
801	DSS ABUZARIA	15	M	KG	1.54	36	19	72	63	58	30	44	74	45	51	96	6	6	4	5	11.25	8.87	1.94	1.068	13.5
802	DSS ABUZARIA	15	M	BD	1.56	48	21	76	64	57	32	46	78	49	50	99	10	6	6	5	11.10	11.94	2.03	1.061	16.5
803	DSS ABUZARIA	15	M	KG	1.58	40	20	75	65	58	30	45	75	47	53	100	8	6	5	6	11.34	8.59	2.08	1.063	15.7
804	DSS ABUZARIA	15	M	KD	1.61	57	26	83	73	61	33	49	82	53	51	101	6	9	6	9	9.85	7.72	2.16	1.058	17.9
805	DSS ABUZARIA	16	M	BD	1.73	64	28	83	73	77	37	51	88	44	52	96	15	18	16	18	10.71	7.08	2.34	1.036	27.8
806	DSS ABUZARIA	16	M	BD	1.67	51	21	81	67	60	35	49	84	53	54	107	15	12	13	14	11.50	9.67	1.95	1.041	25.5
807	DSS ABUZARIA	16	M	OD	1.62	49	22	80	73	64	30	44	74	48	50	98	14	9	12	8	11.09	8.86	1.85	1.048	22.3
808	DSS ABUZARIA	16	M	IM	1.67	50	23	78	77	68	34	52	86	46	53	99	14	14	12	10	10.12	7.97	2.41	1.044	24.1
809	DSS ABUZARIA	16	M	DT	1.61	51	23	86	72	64	32	46	78	50	47	97	20	20	16	13	10.93	8.28	2.27	1.035	28.3
810	DSS ABUZARIA	16	M	BD	1.70	56	23	85	75	67	33	48	81	48	53	83	13	16	18	14	10.67	9.50	1.53	1.036	27.8
811	DSS ABUZARIA	16	M	BD	1.53	45	20	76	68	68	28	42	70	40	45	85	12	10	10	12	10.35	8.82	1.97	1.047	22.8
812	DSS ABUZARIA	16	M	KW	1.58	49	22	76	69	67	30	46	76	44	47	91	18	8	15	11	11.60	8.29	1.87	1.043	24.6
813	DSS ABUZARIA	16	M	KW	1.51	46	22	78	68	58	30	43	73	47	46	93	25	18	24	11	10.31	7.96	2.12	1.032	29.7
814	DSS ABUZARIA	16	M	KG	1.69	55	24	81	72	66	30	49	85	49	53	102	20	14	16	14	10.41	8.40	2.00	1.037	27.3
815	DSS ABUZARIA	16	M	KW	1.61	47	21	73	68	68	34	45	79	45	50	93	16	14	16	10	9.98	8.09	2.19	1.041	25.5
816	DSS ABUZARIA	16	M	OD	1.73	68	25	88	74	70	34	50	84	48	55	103	16	16	16	12	10.25	7.85	2.62	1.039	26.4
817	DSS ABUZARIA	16	M	AN	1.77	76	39	99	83	64	30	53	83	54	59	113	28	24	23	21	13.00	8.65	1.52	1.026	32.5
818	DSS ABUZARIA	16	M	KG	1.64	65	25	85	74	62	30	39	69	53	49	102	19	18	18	14	10.37	7.91	2.49	1.046	28.3
819	DSS ABUZARIA	16	M	BN	1.68	54	22	81	75	66	32	48	80	48	54	102	18	18	8	10	11.57	9.87	1.98	1.042	25.0
820	DSS ABUZARIA	16	M	KD	1.70	57	22	84	68	66	32	49	81	54	50	104	17	16	15	14	14.75	8.23	1.90	1.038	26.9
821	DSS ABUZARIA	16	M	AD	1.68	78	30	105	86	71	35	47	82	47	50	97	28	37	37	30	11.65	8.55	2.07	1.017	36.7
822	DSS ABUZARIA	16	M	KN	1.67	43	20	79	68	68	32	45	78	47	46	93	16	7	6	8	10.57	7.13	2.40	1.052	20.5
823	DSS ABUZARIA	[illegible]																							
824	DSS ABUZARIA	16	M	KG	1.74	61	26	94	77	69	33	50	83	51	54	105	7	8	6	8	9.35	8.92	2.30	1.059	17.4
825	DSS ABUZARIA	16	M	KG	1.71	56	25	81	71	68	32	51	83	50	53	103	8	7	6	8	9.25	7.56	2.40	1.059	17.4
826	DSS ABUZARIA	16	M	KD	1.72	65	25	86	69	68	34	49	84	51	53	104	8	9	8	9	10.25	8.38	2.40	1.055	19.2
827	DSS ABUZARIA	16	M	KD	1.72	55	23	81	70	65	33	49	81	50	57	107	8	7	6	6	10.62	8.75	2.48	1.061	16.5
828	DSS ABUZARIA	16	M	KG	1.64	52	22	79	71	59	33	49	82	52	53	105	7	9	8	8	10.69	9.03	2.00	1.057	18.3
829	DSS ABUZARIA	16	M	OG	1.78	63	25	85	75	73	33	54	87	49	56	105	20	12	16	18	11.03	7.19	2.32	1.036	27.8
830	DSS ABUZARIA	16	M	BD	1.77	63	24	85	82	80	37	53	90	48	49	97	16	18	19	11	13.06	8.14	1.91	1.037	27.3
831	DSS ABUZARIA	16	M	KD	1.60	48	22	81	70	57	33	49	82	51	52	103	10	10	8	8	11.68	11.53	1.72	1.053	20.1
832	DSS ABUZARIA	16	M	DT	1.73	61	23	84	80	59	32	53	86	55	59	114	7	8	8	8	11.12	6.91	2.20	1.057	18.3
833	DSS ABUZARIA	16	M	BD	1.62	40	19	73	61	65	31	46	77	46	51	97	5	6	6	6	11.31	9.03	1.53	1.066	14.4
834	DSS ABUZARIA	16	M	KD	1.68	65	27	88	75	69	34	51	85	54	55	99	8	10	7	10	10.59	8.11	1.98	1.054	19.6
835	DSS ABUZARIA	16	M	IM	1.69	64	28	84	72	62	32	49	81	52	56	108	10	7	6	7	11.00	7.81	2.14	1.058	17.9
836	DSS ABUZARIA	16	M	BN	1.59	49	22	79	52	59	31	46	77	49	51	100	7	8	6	9	10.69	8.06	2.06	1.058	17.9
837	DSS ABUZARIA	16	M	KD	1.66	56	24	88	76	65	34	49	83	49	52	101	6	10	8	9	10.72	8.12	2.00	1.057	18.3
838	DSS ABUZARIA	16	M	KD	1.56	47	22	78	67	66	32	44	76	46	44	90	24	19	19	12	8.40	8.31	2.19	1.033	29.2
839	DSS ABUZARIA	16	M	SO	1.70	52	22	85	68	71	34	48	82	49	50	99	14	16	26	18	13.43	9.74	1.75	1.033	29.2
840	DSS ABUZARIA	16	M	KN	1.77	54	22	83	69	71	39	51	90	52	54	106	15	12	13	12	11.48	8.15	2.23	1.043	24.6
841	DSS ABUZARIA	16	M	IM	1.63	42	19	66	61	65	33	48	81	46	52	98	8	7	7	7	12.06	7.85	1.72	1.059	17.4
842	DSS ABUZARIA	16	M	OS	1.75	59	24	87	71	64	32	51	83	55	56	111	8	9	9	9	11.52	7.38	2.49	1.054	19.6
843	DSS ABUZARIA	16	M	SO	1.68	66	25	90	75	68	32	49	81	48	52	100	20	24	22	24	9.81	7.80	1.78	1.027	32.0
844	DSS ABUZARIA	16	M	AK	1.71	61	24	84	70	64	34	49	83	52	55	107	14	15	18	12	10.63	8.03	2.13	1.039	26.4
845	DSS ABUZARIA	16	M	KW	1.63	53	23	85	68	62	30	44	80	48	53	101	18	22	19	12	11.00	7.31	2.34	1.034	28.7
846	DSS ABUZARIA	16	M	KG	1.74	62	24	83	78	61	33	52	85	54	59	113	14	16	16	14	10.60	8.21	2.11	1.039	26.4
847	DSS ABUZARIA	16	M	KG	1.77	59	25	83	78	71	38	50	88	47	59	106	16	22	11	12	10.91	8.53	1.84	1.039	26.4

848	DSS ABUZARIA	16	M	KW	1.67	58	24	86	69	66	33	46	79	45	56	101	12	12	14	16	10.93	7.44	1.91	1.042	25.0
849	DSS ABUZARIA	16	M	OS	1.73	57	23	86	72	68	38	50	88	49	56	105	20	14	20	13	13.07	8.24	1.98	1.036	27.8
850	DSS ABUZARIA	16	M	IM	1.75	64	25	84	72	75	30	50	86	45	55	100	16	14	15	16	11.47	7.00	1.93	1.039	26.4
851	DSS ABUZARIA	16	M	KD	1.71	59	21	80	71	71	33	51	84	53	48	100	12	10	10	12	10.12	7.25	2.53	1.048	22.3
852	DSS ABUZARIA	16	M	KD	1.83	68	20	91	71	65	38	50	88	60	58	118	18	24	14	19	9.87	7.96	2.47	1.032	29.7
853	DSS ABUZARIA	16	M	KW	1.80	65	24	86	68	68	36	52	88	57	55	112	14	10	8	9	10.43	7.50	2.58	1.051	21.0
854	DSS ABUZARIA	17	M	KD	1.75	57	22	88	36	75	48	52	90	50	56	106	20	16	12	18	11.25	7.97	2.08	1.036	27.7
855	DSS ABUZARIA	17	M	KD	1.63	57	34	85	73	66	29	47	76	48	49	97	16	22	26	13	11.07	9.97	1.95	1.032	29.7
856	DSS ABUZARIA	17	M	AD	1.64	55	23	82	67	64	35	46	81	46	54	100	23	20	20	20	10.87	8.15	1.99	1.030	30.6
857	DSS ABUZARIA	17	M	BN	1.55	45	19	73	67	65	38	43	73	43	47	90	5	5	5	5	11.15	10.10	1.68	1.069	12.8
858	DSS ABUZARIA	17	M	KD	1.63	57	25	93	69	70	37	48	85	42	51	93	12	12	11	14	12.78	8.63	1.96	1.045	23.9
859	DSS ABUZARIA	17	M	KD	1.70	57	24	86	71	68	37	50	87	45	57	102	12	12	11	12	12.66	9.91	1.81	1.046	23.2
860	DSS ABUZARIA	17	M	KD	1.73	58	26	86	71	72	35	48	83	47	54	101	14	11	9	11	11.54	8.35	1.99	1.046	22.8
861	DSS ABUZARIA	17	M	KD	1.62	65	28	95	75	70	35	49	84	42	50	92	24	16	16	12	14.25	8.19	2.18	1.036	28.2
862	DSS ABUZARIA	17	M	KG	1.61	47	26	87	71	67	34	43	77	45	49	94	22	17	16	15	10.50	9.29	2.20	1.035	28.3
863	DSS ABUZARIA	17	M	KD	1.73	65	26	89	76	72	35	51	87	43	58	101	9	12	8	10	14.00	8.87	2.18	1.051	21.0
864	DSS ABUZARIA	17	M	NG	1.71	61	25	86	71	65	31	51	82	54	52	106	18	18	12	15	13.59	7.97	1.74	1.038	27.1
865	DSS ABUZARIA	17	M	KT	1.74	64	25	89	62	66	34	50	84	52	56	108	20	30	23	19	13.81	13.93	1.23	1.027	31.0
866	DSS ABUZARIA	17	M	BN	1.75	55	22	93	77	68	35	52	87	53	54	107	14	15	12	11	11.42	10.80	1.96	1.043	24.6
867	DSS ABUZARIA	17	M	KG	1.67	57	25	88	64	62	30	50	80	51	54	105	21	10	9	10	13.60	7.43	2.22	1.044	24.1
868	DSS ABUZARIA	17	M	OD	1.64	56	26	74	63	73	35	48	83	38	53	91	13	12	12	14	12.12	8.15	2.20	1.044	24.4
869	DSS ABUZARIA	17	M	OY	1.74	59	25	71	62	71	37	50	87	47	56	103	11	10	9	10	12.41	8.23	1.92	1.053	20.2
870	DSS ABUZARIA	17	M	KG	1.73	71	27	90	84	68	29	51	80	52	53	105	7	7	7	10	6.17	10.78	2.79	1.057	18.3
871	DSS ABUZARIA	17	M	KD	1.72	60	25	87	78	69	31	50	81	51	52	103	7	7	9	9	7.17	11.10	2.33	1.057	18.5
872	DSS ABUZARIA	17	M	BD	1.73	58	24	85	63	67	35	50	85	53	53	106	9	9	9	9	13.15	11.49	1.88	1.053	20.1
873	DSS ABUZARIA	17	M	KG	1.86	76	27	99	94	76	35	53	88	54	56	110	9	9	9	14	8.35	11.52	2.51	1.050	21.6
874	DSS ABUZARIA	17	M	BA	1.75	59	24	83	64	83	38	51	89	45	47	92	8	8	8	8	10.44	8.13	2.03	1.057	18.5
875	DSS ABUZARIA	17	M	KW	1.74	59	23	85	73	70	33	48	81	51	53	104	6	7	7	9	8.06	11.53	2.40	1.059	17.4
876	DSS ABUZARIA	17	M	AK	1.71	58	22	87	70	63	37	52	89	52	56	108	8	10	6	7	10.72	8.19	1.69	1.057	18.3
877	DSS ABUZARIA	17	M	KD	1.68	62	24	88	68	65	35	39	74	50	53	103	10	12	10	11	10.41	7.50	2.29	1.048	22.3
878	DSS ABUZARIA	17	M	BN	1.74	55	23	84	71	75	33	43	76	52	47	99	9	8	10	11	10.12	8.31	2.15	1.052	20.5
879	DSS ABUZARIA	17	M	KW	1.71	59	26	94	58	70	38	41	79	45	56	101	10	11	12	12	11.25	9.13	1.50	1.047	22.8
880	DSS ABUZARIA	17	M	AN	1.88	68	25	93	84	68	37	55	92	54	62	120	14	13	9	12	11.07	7.87	1.95	1.045	23.7
881	DSS ABUZARIA	17	M	KW	1.72	56	25	86	64	69	36	40	76	49	54	103	7	8	10	9	11.31	8.03	2.27	1.055	19.2
882	DSS ABUZARIA	17	M	OY	1.82	62	25	84	77	70	35	54	89	55	57	112	10	13	16	13	9.78	7.69	2.09	1.043	22.8
883	DSS ABUZARIA	17	M	KW	1.63	57	26	84	72	61	31	48	79	54	48	102	10	10	9	10	10.79	6.65	2.10	1.051	21.0
884	DSS ABUZARIA	17	M	KW	1.75	57	23	87	72	69	34	51	85	52	54	106	8	10	9	10	9.83	5.55	2.11	1.052	20.5
885	DSS ABUZARIA	17	M	IM	1.73	62	24	91	73	69	33	50	83	54	50	104	10	14	10	13	10.10	7.47	1.86	1.046	23.4
886	DSS ABUZARIA	17	M	KW	1.74	57	23	86	75	68	31	50	81	54	52	106	10	12	8	10	13.99	6.75	2.00	1.049	21.9
887	DSS ABUZARIA	17	M	OY	1.77	63	25	87	79	72	34	53	87	53	52	105	18	14	12	13	10.41	15.47	1.96	1.041	25.6
888	DSS ABUZARIA	17	M	KG	1.70	56	23	87	71	70	32	44	76	49	51	100	7	8	10	10	13.32	7.87	2.21	1.054	19.6
889	DSS ABUZARIA	17	M	OG	1.64	57	24	85	75	59	30	49	79	54	51	105	11	13	9	14	11.71	6.53	2.29	1.032	29.7
890	DSS ABUZARIA	17	M	OG	1.74	66	26	87	73	73	35	49	84	50	51	101	10	13	13	12	10.58	6.85	2.30	1.045	23.6
891	DSS ABUZARIA	17	M	KG	1.73	65	23	87	82	68	36	54	90	46	59	105	15	12	10	16	9.57	8.98	2.10	1.042	25.0
892	DSS ABUZARIA	17	M	AB	1.74	60	24	85	76	67	34	50	84	51	52	103	18	14	21	14	10.97	9.98	1.97	1.036	27.8
893	DSS ABUZARIA	17	M	KG	1.66	51	27	81	69	67	31	49	79	43	50	99	8	11	9	12	11.19	7.57	2.00	1.050	21.3
894	DSS ABUZARIA	17	M	AB	1.70	68	25	85	72	67	32	43	81	51	52	103	21	18	10	14	11.35	8.69	2.12	1.038	27.1
895	DSS ABUZARIA	17	M	KD	1.70	61	25	86	76	69	35	49	84	46	55	101	7	8	10	12	10.87	7.66	1.86	1.052	20.5
896	DSS ABUZARIA	17	M	KG	1.69	65	22	88	71	65	34	49	83	49	51	100	13	20	18	12	9.97	8.60	1.80	1.031	20.5
897	DSS ABUZARIA	17	M	OY	1.68	56	23	85	80	76	35	50	85	46	46	92	8	10	12	10	10.60	8.62	2.01	1.049	21.9
898	DSS ABUZARIA	17	M	OS	1.53	44	22	88	66	59	32	45	77	45	49	94	10	13	9	10	10.82	13.28	2.10	1.049	21.9
899	DSS ABUZARIA	17	M	PL	1.72	60	27	84	71	64	34	53	87	50	58	108	8	9	10	9	11.29	8.22	1.88	1.053	20.1
900	DSS ABUZARIA	17	M	OG	1.62	44	27	75	66	59	33	49	83	49	54	103	10	10	10	10	10.82	13.28	2.10	1.050	21.3
901	DSS ABUZARIA	17	M	KD	1.65	59	25	80	62	63	32	46	78	5	51	102	8	8	7	10	11.38	7.10	2.16	1.056	18.8
902	DSS ABUZARIA	17	M	KN	1.65	49	24	83	67	68	30	44	74	48	49	97	8	8	6	7	9.88	7.36	2.52	1.059	17.4
903	DSS ABUZARIA	17	M	AN	1.71	66	24	89	78	67	39	51	90	52	52	104	15	14	12	12	10.38	7.81	2.23	1.042	25.0
904	DSS ABUZARIA	18	M	OG	1.64	61	27	84	76	68	32	47	79	46	50	96	7	5	5	9	10.10	9.82	2.08	1.062	16.1
905	DSS ABUZARIA	18	M	AB	1.84	69	23	89	73	72	36	52	88	52	60	112	14	9	14	12	9.43	8.92	2.62	1.045	23.7
906	DSS ABUZARIA	18	M	KD	1.64	60	26	87	70	70	32	48	80	43	51	94	5	5	5	7	9.31	10.10	2.28	1.067	14.0
907	DSS ABUZARIA	18	M	AK	1.70	64	25	89	71	71	35	49	84	46	53	99	10	12	14	14	10.66	10.12	1.84	1.044	24.1
908	DSS ABUZARIA	18	M	OS	1.83	65	27	92	75	80	35	49	84	47	20	102	7	7	7	7	10.72	9.13	2.42	1.060	17.0
909	DSS ABUZARIA	18	M	KD	1.61	54	24	84	65	67	30	49	79	44	50	94	7	8	8	8	9.48	11.11	2.32	1.057	18.3
910	DSS ABUZARIA	18	M	KG	1.68	60	25	86	68	68	34	47	81	45	55	100	7	7	7	8	11.54	10.03	1.89	1.060	17.0
911	DSS ABUZARIA	18	M	KG	1.66	6[illegible]	25	91	77	71	47	34	81	45	50	95	20	22	18	18	11.37	10.31	1.55	1.032	29.7
912	DSS ABUZARIA	18	M	KG	1.70	52	24	81	66	68	33	44	77	46	56	102	10	10	8	5	9.56	10.06	2.32	1.056	18.8
913	DSS ABUZARIA	18	M	BD	1.80	56	25	79	56	71	37	50	87	49	60	109	6	7	7	7	9.81	10.06	2.10	1.060	17.0

914	DSS ABUZARIA	18	M	OS	1.56	56	22	81	69	59	32	47	79	45	52	97	5	5	6	7	9.56	9.82	2.19	1.066	14.4
915	DSS ABUZARIA	18	M	BN	1.76	54	22	75	71	69	30	52	88	48	59	107	5	6	7	8	10.35	10.53	1.84	1.062	16.1
916	DSS ABUZARIA	18	M	IM	1.64	58	25	84	67	64	35	49	91	56	58	96	7	5	5	7	11.35	9.24	2.34	1.065	14.8
917	DSS ABUZARIA	18	M	OG	1.83	71	28	91	91	95	35	52	87	48	60	108	4	8	9	9	10.06	8.85	2.51	1.058	17.9
918	DSS ABUZARIA	18	M	KD	1.66	57	24	80	68	57	34	46	80	44	55	99	6	7	5	9	10.63	10.12	2.22	1.061	16.5
919	DSS ABUZARIA	18	M	BN	1.68	53	23	79	70	69	36	47	83	44	55	99	6	7	7	8	10.92	9.14	1.88	1.060	17.0
920	DSS ABUZARIA	18	M	AN	1.87	70	28	89	83	86	39	54	92	53	63	116	10	11	8	10	6.43	7.00	2.32	1.051	21.0
921	DSS ABUZARIA	18	M	KT	1.77	54	23	81	64	76	38	49	87	45	56	101	8	7	7	9	10.88	9.75	1.87	1.057	18.3
922	DSS ABUZARIA	18	M	KD	1.65	61	26	83	71	66	35	48	83	46	53	99	10	10	8	10	10.13	7.20	2.03	1.057	18.3
923	DSS ABUZARIA	18	M	KG	1.64	53	24	81	68	65	33	45	78	45	54	99	4	6	8	7	9.88	9.16	2.35	1.063	15.7
924	DSS ABUZARIA	18	M	BA	1.72	69	28	91	75	71	37	51	88	49	59	108	9	10	10	11	10.13	7.03	2.23	1.057	18.3
925	DSS ABUZARIA	18	M	KG	1.66	49	20	76	64	52	36	49	85	47	57	114	4	4	4	6	10.08	9.56	2.24	1.073	11.3
926	DSS ABUZARIA	18	M	KD	1.67	54	22	85	81	69	32	48	80	47	51	98	8	8	8	9	11.89	8.88	2.19	1.055	19.2
927	DSS ABUZARIA	18	M	KW	1.77	66	25	86	70	63	35	52	87	57	57	114	5	4	5	7	9.84	9.56	2.12	1.068	13.5
928	DSS ABUZARIA	18	M	EG	1.64	61	21	97	86	55	42	53	58	54	55	109	20	22	15	28	14.00	8.88	1.98	1.030	30.6
929	DSS ABUZARIA	18	M	OS	1.66	66	28	88	73	65	31	48	79	51	50	101	7	5	6	7	11.52	9.03	2.25	1.063	15.7
930	DSS ABUZARIA	18	M	KW	1.67	60	20	90	82	66	35	52	92	54	50	101	21	18	15	89	10.35	7.30	2.11	1.033	29.2
931	DSS ABUZARIA	18	M	KG	1.74	55	23	80	74	72	33	49	82	49	53	102	5	8	5	9	9.90	8.28	2.25	1.061	16.5
932	DSS ABUZARIA	18	M	KW	1.69	63	22	86	69	70	37	52	89	47	52	99	22	20	21	18	10.72	8.77	2.15	1.030	30.6
933	DSS ABUZARIA	18	M	KD	1.69	66	27	91	75	67	33	49	82	51	51	102	6	6	9	10	11.35	9.82	2.42	1.057	18.3
934	DSS ABUZARIA	18	M	AN	1.75	64	27	91	78	68	35	52	87	48	53	101	17	18	16	20	11.16	8.78	1.99	1.034	28.7
935	DSS ABUZARIA	18	M	OS	1.83	64	25	84	73	75	36	53	89	49	59	108	6	5	6	7	10.37	9.28	2.30	1.065	14.8
936	DSS ABUZARIA	18	M	KD	1.60	45	20	72	62	66	32	46	78	40	54	94	8	12	9	8	11.12	9.13	1.92	1.053	20.1
937	DSS ABUZARIA	18	M	KG	1.68	55	24	81	73	65	36	49	85	49	53	102	20	14	16	18	10.41	8.40	2.00	1.037	27.5
938	DSS ABUZARIA	18	M	BN	1.60	56	22	84	67	72	35	45	96	38	50	88	7	7	7	7	9.88	9.18	2.20	1.060	17.0
939	DSS ABUZARIA	18	M	KD	1.58	39	19	67	62	61	33	45	78	44	53	97	4	4	4	5	10.19	12.60	1.80	1.074	11.0
940	DSS ABUZARIA	18	M	SO	1.55	53	20	70	61	60	31	43	74	47	48	95	12	14	18	12	11.28	8.86	2.00	1.040	26.0
941	DSS ABUZARIA	18	M	AN	1.61	51	22	77	64	62	34	47	81	43	50	93	7	5	4	7	10.03	9.60	1.68	1.066	14.4
942	DSS ABUZARIA	18	M	AN	1.78	72	26	92	72	70	36	51	87	48	60	108	9	9	9	10	11.41	7.60	2.08	1.052	20.5
943	DSS ABUZARIA	18	M	AR	1.76	80	29	110	88	71	39	50	89	50	55	105	19	20	28	15	12.53	10.60	1.68	1.030	30.6
944	DSS ABUZARIA	18	M	LM	1.74	59	25	84	70	60	37	51	88	46	52	114	9	10	8	10	12.01	6.50	2.45	1.053	20.1
945	DSS ABUZARIA	18	M	KW	1.66	45	22	75	60	70	30	46	76	48	49	96	16	12	10	8	13.58	7.03	2.19	1.046	23.2
946	DSS ABUZARIA	18	M	OY	1.82	71	26	84	87	73	40	50	90	49	60	109	9	8	11	12	11.21	7.57	2.09	1.050	21.4
947	DSS ABUZARIA	18	M	LA	1.76	57	25	97	71	62	37	51	88	45	59	114	7	12	11	10	10.44	7.11	2.32	1.050	21.4
948	DSS ABUZARIA	18	M	KW	1.75	65	26	94	68	63	37	50	87	47	56	112	11	10	10	12	9.43	6.00	2.10	1.048	22.3
949	DSS ABUZARIA	18	M	KW	1.71	65	27	86	78	67	31	49	80	52	52	104	8	6	7	10	9.66	8.60	2.25	1.057	18.3
950	DSS ABUZARIA	18	M	PM	1.77	74	27	94	77	68	36	52	88	55	54	109	8	8	9	9	10.35	9.28	2.03	1.055	19.2
951	DSS ABUZARIA	18	M	OO	1.73	89	32	107	91	66	36	51	87	54	53	107	18	22	24	23	15.47	9.10	2.40	1.030	30.6
952	DSS ABUZARIA	18	M	SV	1.86	71	27	89	84	71	37	56	73	51	61	115	8	7	6	7	10.46	10.34	2.25	1.058	17.9
953	DSS ABUZARIA	18	M	KN	1.61	43	20	79	68	68	32	46	78	47	46	93	16	7	8	8	10.57	7.03	2.40	1.051	21.0
954	GSS BOMO	13	M	KD	1.47	38	18	67	57	62	24	41	65	42	43	85	5	5	4	6	10.73	8.47	1.68	1.070	12.8
955	GSS BOMO	13	M	KD	1.50	38	20	69	57	57	26	40	66	41	46	87	6	6	6	7	11.07	8.50	1.55	1.063	15.5
956	GSS BOMO	13	M	KD	1.50	36	20	67	72	63	35	44	93	50	55	105	6	6	5	8	10.89	8.08	1.74	1.063	15.5
957	GSS BOMO	13	M	KD	1.46	34	21	69	62	64	25	42	78	37	45	82	6	6	5	5	16.03	8.25	1.89	1.067	13.9
958	GSS BOMO	13	M	KD	1.63	44	23	76	68	63	33	46	79	46	54	100	6	8	6	8	11.00	7.60	1.90	1.060	16.9
959	GSS BOMO	13	M	OD	1.30	31	19	70	61	48	24	37	61	39	43	82	6	6	5	5	10.94	9.90	1.68	1.067	13.9
960	GSS BOMO	13	M	KD	1.47	34	19	21	61	61	24	39	63	42	44	86	6	5	5	6	10.81	8.45	1.63	1.067	13.9
961	GSS BOMO	13	M	KT	1.60	49	23	84	69	65	32	44	76	45	50	95	8	8	8	8	12.05	8.78	1.70	1.057	18.5
962	GSS BOMO	13	M	KD	1.57	39	19	69	66	56	32	45	78	47	54	101	6	6	6	5	11.37	8.77	1.75	1.066	14.4
963	GSS BOMO	13	M	KD	1.50	38	20	76	74	58	31	46	76	43	49	92	6	6	5	6	11.00	7.72	1.78	1.066	14.4
964	GSS BOMO	13	M	KD	1.47	35	19	71	61	55	29	44	73	43	49	92	6	5	5	6	11.17	7.85	1.47	1.068	13.5
965	GSS BOMO	13	M	KD	1.45	33	19	68	64	54	28	43	71	43	48	91	7	7	6	6	11.40	8.64	1.59	1.062	15.9
966	GSS BOMO	13	M	KD	1.30	24	18	64	61	47	27	35	62	41	42	83	5	5	4	5	11.78	7.80	1.61	1.071	12.2
967	GSS BOMO	13	M	PL	1.40	35	21	74	68	55	26	40	66	41	44	85	6	6	5	6	11.50	8.47	1.59	1.066	14.4
968	GSS BOMO	13	M	KD	1.47	39	21	78	67	55	28	40	68	43	49	92	8	7	7	7	13.53	8.82	1.53	1.059	17.4
969	GSS BOMO	13	M	KD	1.38	22	16	65	60	55	26	39	65	38	45	83	5	6	6	7	11.81	7.24	1.59	1.065	15.0
970	GSS BOMO	13	M	KD	1.50	37	19	73	63	62	31	43	74	40	48	88	6	6	6	6	11.00	7.54	1.50	1.065	15.0
971	GSS BOMO	13	M	KD	1.40	28	17	63	60	66	27	39	66	33	41	74	6	7	6	6	12.71	9.07	1.30	1.063	15.5
972	GSS BOMO	13	M	KD	1.30	21	15	61	53	52	28	36	64	36	42	78	5	5	4	4	11.10	9.07	1.41	1.073	11.3
973	GSS BOMO	13	M	OD	1.40	34	20	72	64	51	20	38	64	41	48	89	7	6	5	6	11.06	8.03	1.61	1.045	23.9
974	GSS BOMO	13	M	KD	1.46	35	19	74	60	59	29	38	67	41	46	87	5	6	6	6	11.84	8.15	1.45	1.066	14.4
975	GSS BOMO	13	M	OD	1.48	33	19	65	56	55	30	45	75	43	50	93	7	5	5	6	11.50	7.56	1.59	1.066	14.4
976	GSS BOMO	13	M	KD	1.40	29	18	70	68	52	25	39	65	41	47	88	7	6	6	5	11.47	8.19	1.76	1.065	15.0
977	GSS BOMO	13	M	KD	1.36	32	17	70	60	51	26	41	67	40	45	85	6	7	6	6	11.91	9.71	1.51	1.063	15.5
978	GSS BOMO	13	M	BN	1.48	36	20	72	63	57	27	43	70	42	49	91	7	7	7	8	11.20	7.94	1.79	1.060	16.9
979	GSS BOMO	13	M	KT	1.43	33	19	68	57	58	26	43	69	39	46	85	7	7	6	7	11.17	7.91	1.80	1.061	16.2

980	GSS BOMO	13	M	KD	1.46	29	17	65	59	56	28	40	69	44	46	90	6	5	5	6	11.53	7.30	1.63	1.067	13.
981	GSS BOMO	13	M	KG	1.56	40	20	73	62	59	31	38	69	43	54	97	6	6	6	7	11.35	8.33	1.65	1.063	15.
982	GSS BOMO	13	M	KD	1.39	32	19	71	66	53	24	39	63	40	46	86	7	8	7	7	12.03	8.83	1.72	1.059	17.
983	GSS BOMO	13	M	AB	1.36	26	19	62	62	56	24	39	63	37	43	80	6	5	5	5	12.61	8.25	1.75	1.068	13.
984	GSS BOMO	13	M	KD	1.54	41	22	77	65	63	31	45	76	43	48	91	7	6	6	6	11.21	7.69	1.88	1.063	15.
985	GSS BOMO	13	M	KD	1.48	30	19	70	69	55	29	43	72	45	48	93	5	7	7	7	10.99	8.03	1.77	1.062	15.
986	GSS BOMO	13	M	KW	1.39	32	19	70	61	58	24	40	64	40	41	81	6	8	7	7	11.68	7.49	1.78	1.059	17.
987	GSS BOMO	13	M	KD	1.47	44	20	69	62	58	29	43	62	44	45	89	6	6	6	5	11.37	8.66	1.65	1.066	14.
988	GSS BOMO	13	M	SN	1.55	40	20	74	73	58	31	43	74	46	51	97	6	7	6	7	11.79	8.65	1.76	1.062	15.
989	GSS BOMO	13	M	KD	1.42	25	16	65	58	57	29	37	66	39	46	85	6	5	5	6	11.63	9.00	1.67	1.067	13.
990	GSS BOMO	13	M	BN	1.45	40	19	72	68	54	27	42	69	44	47	91	6	5	5	6	15.07	8.25	1.76	1.067	13.
991	GSS BOMO	13	M	KD	1.57	44	22	77	71	61	31	46	77	46	50	96	6	5	6	6	10.40	7.25	1.90	1.066	14.
992	GSS BOMO	13	M	KD	1.46	35	18	74	62	55	28	43	71	41	50	91	8	7	6	8	11.73	7.10	1.82	1.059	17.
993	GSS BOMO	13	M	KG	1.60	40	19	75	65	59	36	46	82	48	53	101	6	6	6	8	11.24	8.16	1.80	1.067	15.
994	GSS BOMO	13	M	KD	1.45	33	18	71	66	57	30	42	72	40	48	88	6	7	6	7	12.03	9.02	1.53	1.062	15.
995	GSS BOMO	13	M	KD	1.55	32	17	69	64	62	28	42	70	44	49	93	5	6	5	5	11.42	8.71	1.74	1.067	13.
996	GSS BOMO	13	M	CR	1.47	33	18	69	55	55	30	42	72	44	48	92	6	5	6	6	11.72	8.46	1.86	1.066	14.
997	GSS BOMO	13	M	KG	1.46	35	18	72	65	56	26	42	68	42	48	90	7	7	6	8	12.79	8.50	1.67	1.060	16.
998	GSS BOMO	13	M	KD	1.38	28	17	65	60	59	27	41	68	36	43	79	8	7	5	6	12.06	8.09	1.55	1.062	15.
999	GSS BOMO	13	M	KD	1.59	41	21	85	64	62	32	40	72	47	50	97	6	8	5	6	10.88	8.34	1.66	1.063	15.
1000	GSS BOMO	13	M	KG	1.49	34	19	70	48	65	66	32	97	42	42	44	6	7	7	7	10.61	7.69	1.55	1.061	16.
1001	GSS BOMO	13	M	KD	1.56	39	21	75	66	63	28	47	75	43	50	93	7	8	7	7	10.94	8.00	1.54	1.059	17.
1002	GSS BOMO	13	M	KB	1.39	32	18	69	65	51	48	40	88	41	47	88	6	7	6	6	11.24	8.56	1.54	1.063	15.
1003	GSS BOMO	14	M	KT	1.43	37	19	73	66	51	31	45	76	43	49	92	6	7	6	7	12.68	8.75	1.50	1.063	15.
1004	GSS BOMO	14	M	KT	1.67	52	23	88	71	63	33	49	81	51	53	104	7	10	8	9	11.00	7.31	2.30	1.055	19.
1005	GSS BOMO	14	M	KT	1.62	48	22	81	68	59	32	50	82	49	54	103	6	8	7	8	11.66	8.22	2.02	1.059	17.
1006	GSS BOMO	14	M	KG	1.51	39	20	75	66	57	31	46	77	43	51	94	6	6	7	7	11.47	8.50	1.85	1.062	15.
1007	GSS BOMO	14	M	KG	1.60	53	25	87	71	61	33	47	80	47	52	99	6	10	8	8	10.94	7.32	2.30	1.057	18.
1008	GSS BOMO	14	M	KN	1.61	50	25	88	74	63	32	48	80	47	51	98	8	11	9	10	12.63	9.31	1.71	1.052	20.
1009	GSS BOMO	14	M	KD	1.71	54	24	86	73	60	37	49	86	54	57	111	7	9	7	8	11.63	7.97	2.19	1.057	18.
1010	GSS BOMO	14	M	PL	1.59	51	26	87	69	61	33	47	80	48	50	98	11	9	9	11	10.69	7.25	2.19	1.050	21.
1011	GSS BOMO	14	M	LA	1.44	35	18	75	61	57	30	42	72	44	47	91	6	6	6	7	10.32	7.97	1.63	1.063	15.
1012	GSS BOMO	14	M	KD	1.63	42	20	76	65	61	34	46	80	47	55	102	8	8	6	8	11.56	8.72	1.81	1.058	17.
1013	GSS BOMO	14	M	IM	1.60	50	24	84	78	64	32	46	78	46	50	96	7	10	8	9	10.66	7.18	2.35	1.055	19.
1014	GSS BOMO	14	M	KD	1.70	60	25	91	73	64	32	50	82	51	55	106	8	10	9	10	10.47	7.50	2.04	1.052	20.
1015	GSS BOMO	14	M	KD	1.57	44	21	76	70	61	33	45	78	46	50	96	6	6	5	8	11.82	8.56	2.00	1.063	15.
1016	GSS BOMO	14	M	BN	1.52	40	19	74	62	52	32	43	75	44	50	100	5	5	5	5	11.41	8.75	2.00	1.070	12.
1017	GSS BOMO	14	M	BN	1.55	39	20	73	64	61	31	43	74	45	49	94	6	4	4	6	11.62	9.00	1.78	1.070	12.
1018	GSS BOMO	14	M	KW	1.63	51	25	82	73	60	33	47	80	51	52	103	6	8	4	7	12.20	8.40	1.79	1.065	15.
1019	GSS BOMO	14	M	KD	1.62	48	23	81	69	67	35	49	84	47	52	99	5	7	6	7	14.21	7.20	1.57	1.063	15.
1020	GSS BOMO	14	M	KD	1.52	39	20	79	70	58	31	45	78	44	50	94	6	7	5	6	10.44	8.12	1.82	1.065	15.
1021	GSS BOMO	14	M	TR	1.48	37	21	71	65	57	30	44	74	42	49	91	6	8	7	7	10.18	7.28	1.99	1.060	16.
1022	GSS BOMO	14	M	KD	1.62	44	22	79	65	58	33	49	82	49	55	104	5	8	6	8	11.17	9.19	1.84	1.061	16.
1023	GSS BOMO	14	M	KD	1.55	46	22	80	76	55	32	45	77	46	54	100	7	8	7	8	11.00	8.22	1.60	1.058	17.
1024	GSS BOMO	14	M	KG	1.41	29	18	66	54	57	26	37	62	42	42	84	6	5	4	5	10.70	8.81	1.87	1.071	12.
1025	GSS BOMO	14	M	KD	1.35	31	20	68	60	62	26	37	63	40	43	73	6	7	6	7	11.87	8.50	1.80	1.062	15.
1026	GSS BOMO	14	M	KG	1.39	30	19	69	65	48	28	41	69	44	47	91	5	5	4	5	11.59	10.13	1.42	1.071	12.
1027	GSS BOMO	14	M	NG	1.51	36	19	71	66	49	31	40	71	47	55	102	6	5	5	6	11.15	8.19	1.85	1.067	13.
1028	GSS BOMO	14	M	KT	1.58	38	19	72	60	61	32	45	77	45	52	97	4	6	4	5	11.31	9.32	1.80	1.071	12.
1029	GSS BOMO	14	M	PL	1.50	36	18	69	62	59	29	40	69	42	49	91	8	7	5	6	12.47	9.00	1.74	1.062	15.
1030	GSS BOMO	14	M	KT	1.50	34	20	72	64	61	32	45	77	40	49	89	5	7	6	7	11.00	8.03	1.79	1.063	15.
1031	GSS BOMO	14	M	FW	1.32	30	19	70	68	48	25	40	65	41	44	85	5	6	5	6	10.10	7.93	1.98	1.062	15.
1032	GSS BOMO	14	M	KG	1.49	35	18	75	63	58	31	43	74	44	47	91	5	6	5	6	11.12	7.85	1.59	1.067	13.
1033	GSS BOMO	14	M	KT	1.55	38	18	78	68	61	31	44	75	43	51	94	8	6	5	6	11.14	8.31	1.89	1.063	15.
1034	GSS BOMO	14	M	KD	1.40	30	18	68	62	55	27	40	67	40	45	85	6	6	5	6	12.60	8.43	1.34	1.066	14.
1035	GSS BOMO	14	M	KD	1.52	42	21	77	67	77	30	45	75	42	43	85	7	6	6	5	10.84	7.47	2.00	1.065	15.
1036	GSS BOMO	14	M	KD	1.57	46	21	79	66	57	31	43	74	47	53	100	6	5	6	6	12.64	7.94	1.93	1.065	15.
1037	GSS BOMO	14	M	KD	1.50	40	20	76	68	62	28	42	70	40	48	88	7	7	7	7	10.37	7.97	1.84	1.060	16.
1038	GSS BOMO	14	M	KD	1.56	37	19	72	63	56	27	42	69	45	49	94	7	7	7	6	12.69	8.28	1.66	1.061	16.
1039	GSS BOMO	14	M	KN	1.50	38	20	73	65	57	31	46	77	42	51	93	6	7	6	6	12.59	9.66	1.54	1.063	15.
1040	GSS BOMO	14	M	KD	1.43	30	18	67	56	49	29	40	69	47	47	94	5	6	4	4	11.95	8.70	1.90	1.071	12.
1041	GSS BOMO	14	M	PL	1.40	31	19	71	61	58	28	41	69	40	42	82	7	6	5	6	11.35	8.64	1.77	1.062	15.
1042	GSS BOMO	14	M	KN	1.47	33	18	69	64	54	30	39	69	44	49	93	6	6	6	6	11.69	10.83	1.59	1.065	15.
1043	GSS BOMO	14	M	KD	1.50	35	19	72	60	57	29	43	72	45	48	93	8	7	6	7	11.79	8.41	1.89	1.060	16.
1044	GSS BOMO	14	M	KD	1.48	33	20	72	62	56	30	44	74	42	50	92	4	5	4	5	12.35	7.72	1.75	1.073	11.
1045	GSS BOMO	14	M	KD	1.60	41	21	74	57	57	34	44	78	49	54	103	4	6	6	5	11.37	8.85	1.85	1.068	13.

1046	GSS BOMO	14	M	KD	1.39	28	18	70	60	51	25	40	65	41	47	88	5	6	5	6	12.12	8.88	1.54	1.066	14.4
1047	GSS BOMO	14	M	KN	1.60	41	21	75	64	60	34	44	78	46	54	100	7	6	6	7	11.50	8.82	1.77	1.062	15.9
1048	GSS BOMO	14	M	KD	1.50	43	22	78	70	61	30	44	74	44	45	89	8	9	8	8	11.00	9.07	1.78	1.056	18.8
1049	GSS BOMO	14	M	KD	1.47	29	17	63	60	63	29	41	70	37	47	84	5	6	5	6	11.40	8.28	1.95	1.067	13.9
1050	GSS BOMO	14	M	KD	1.52	34	18	78	65	58	32	44	76	43	51	94	6	6	5	6	11.44	9.08	1.60	1.066	14.4
1051	GSS BOMO	14	M	KD	1.46	32	19	69	59	51	26	41	67	42	48	90	6	5	5	6	11.24	7.79	1.91	1.067	13.9
1052	GSS BOMO	14	M	KD	1.59	43	21	78	71	60	31	43	74	48	51	99	6	7	6	7	11.50	8.35	1.92	1.062	15.9
1053	GSS BOMO	14	M	KM	1.49	33	19	69	62	56	28	43	73	44	49	93	5	7	5	7	10.69	7.81	2.00	1.065	15.0
1054	GSS BOMO	15	M	KM	1.53	35	19	72	60	59	32	45	77	46	48	94	7	6	6	6	10.72	6.69	1.75	1.063	15.5
1055	GSS BOMO	15	M	KD	1.55	35	19	73	69	63	32	46	78	45	47	92	4	5	6	10	10.88	7.35	1.83	1.063	15.5
1056	GSS BOMO	15	M	KG	1.61	46	23	76	77	60	34	48	82	47	55	102	7	7	7	7	11.21	8.55	2.15	1.060	16.9
1057	GSS BOMO	15	M	KB	1.66	52	22	81	71	56	34	48	82	45	55	110	6	4	5	6	11.67	8.01	1.79	1.068	13.5
1058	GSS BOMO	15	M	KD	1.55	55	25	82	72	51	38	50	49	49	55	104	7	11	10	8	10.88	8.33	2.13	1.053	20.1
1059	GSS BOMO	15	M	BO	1.68	48	21	80	70	73	32	47	79	46	49	95	7	6	6	8	10.50	7.03	1.91	1.061	16.2
1060	GSS BOMO	15	M	BO	1.53	45	25	75	68	52	33	46	79	50	51	101	6	6	7	8	10.37	6.75	2.06	1.061	16.2
1061	GSS BOMO	15	M	KD	1.57	47	21	78	65	66	31	46	77	45	46	91	6	8	7	8	10.91	6.97	1.89	1.059	17.4
1062	GSS BOMO	15	M	KD	1.40	29	17	66	60	52	30	40	70	40	48	88	4	4	4	4	10.75	8.28	1.91	1.077	96.1
1063	GSS BOMO	15	M	KD	1.45	37	21	64	64	61	29	42	71	37	47	84	7	6	5	6	10.88	7.25	1.72	1.045	15.0
1064	GSS BOMO	15	M	ED	1.52	36	20	71	63	57	29	43	72	47	48	95	4	5	6	6	11.40	8.07	1.65	1.068	13.5
1065	GSS BOMO	15	M	DT	1.56	40	19	78	61	55	33	45	78	49	52	101	7	6	5	5	11.31	7.47	1.80	1.066	14.4
1066	GSS BOMO	15	M	KN	1.53	42	23	80	71	57	33	46	79	46	50	96	8	9	7	8	11.29	7.03	2.19	1.057	18.5
1067	GSS BOMO	15	M	KG	1.50	38	20	75	68	52	31	47	78	48	50	98	5	6	6	7	11.09	6.82	1.99	1.045	15.0
1068	GSS BOMO	15	M	KG	1.50	35	20	74	63	56	29	41	70	43	51	94	7	7	6	6	11.28	7.37	1.45	1.023	15.9
1069	GSS BOMO	15	M	OY	1.60	42	22	79	67	63	31	47	78	47	50	97	6	4	5	6	11.03	7.04	1.91	1.068	13.5
1070	GSS BOMO	15	M	KG	1.65	48	23	77	75	62	31	48	79	51	52	103	7	7	6	7	11.31	7.53	1.84	1.061	16.2
1071	GSS BOMO	15	M	OG	1.64	49	23	86	68	62	34	47	.	51	51	102	10	8	6	11	11.47	7.03	1.92	1.054	19.6
1072	GSS BOMO	15	M	BN	1.63	52	23	84	72	67	31	47	78	46	50	96	6	7	6	7	9.97	7.47	1.73	1.062	15.9
1073	GSS BOMO	15	M	OG	1.66	51	21	78	76	62	30	48	78	52	52	104	6	7	7	8	10.09	6.93	1.72	1.062	16.9
1074	GSS BOMO	15	M	BN	1.54	47	23	77	70	54	31	48	79	49	51	100	.	.	.	.	10.88	7.71	1.88	.	.
1075	GSS BOMO	15	M	KG	1.55	44	22	74	64	58	33	45	78	44	53	97	7	6	6	7	10.97	7.35	1.62	1.062	15.9
1076	GSS BOMO	15	M	KG	1.71	46	21	74	71	74	37	51	88	39	58	97	4	4	4	4	10.88	7.91	2.31	1.077	96.1
1077	GSS BOMO	15	M	KD	1.55	39	21	75	69	64	31	45	76	43	48	91	5	7	6	7	10.94	6.72	1.85	1.063	15.5
1078	GSS BOMO	15	M	KD	1.43	33	19	71	63	53	26	42	68	44	46	90	6	6	6	6	12.38	7.81	1.70	1.065	15.0
1079	GSS BOMO	15	M	KD	1.67	49	21	77	64	73	31	44	75	44	50	94	7	7	7	7	10.90	1.06	1.76	1.060	16.9
1080	GSS BOMO	15	M	KD	1.54	33	18	73	66	65	28	42	70	41	48	89	5	6	4	4	11.19	7.81	1.72	1.071	12.2
1081	GSS BOMO	15	M	KD	1.61	41	22	81	69	62	34	49	83	46	53	99	6	8	6	6	12.53	7.38	1.80	1.062	15.9
1082	GSS BOMO	15	M	BO	1.53	31	18	69	66	62	31	45	76	42	49	91	6	5	5	7	11.59	8.13	1.85	1.066	14.4
1083	GSS BOMO	15	M	KD	1.50	36	20	78	59	63	31	47	74	41	46	87	7	9	7	8	11.19	7.94	1.74	1.057	18.7
1084	GSS BOMO	15	M	KG	1.40	37	20	69	61	50	28	42	70	42	48	90	6	4	4	4	11.53	7.75	1.86	1.073	11.3
1085	GSS BOMO	15	M	BO	1.55	38	21	78	67	68	29	44	73	43	44	87	6	6	5	6	11.31	7.38	1.75	1.065	14.8
1086	GSS BOMO	15	M	KD	1.50	48	29	83	79	58	31	45	76	48	44	92	6	8	6	8	10.31	6.47	2.31	1.060	20.0
1087	GSS BOMO	15	M	TB	1.58	49	25	81	73	63	31	45	76	52	53	105	5	6	5	6	10.90	7.03	2.09	1.067	13.9
1088	GSS BOMO	15	M	KD	1.60	46	22	73	68	69	32	46	78	43	48	91	5	5	4	5	11.03	7.34	1.93	1.071	12.2
1089	GSS BOMO	15	M	BN	1.60	46	22	73	68	69	32	46	78	43	48	91	5	5	4	5	11.03	7.34	1.93	1.071	12.2
1090	GSS BOMO	15	M	ON	1.60	54	24	81	73	59	36	47	83	49	52	101	6	6	5	6	10.68	6.43	2.22	1.066	14.4
1091	GSS BOMO	15	M	BN	1.70	52	22	76	68	68	31	50	81	50	52	102	6	6	5	5	13.78	8.00	1.80	1.067	13.9
1092	GSS BOMO	15	M	KG	1.60	41	19	72	61	59	33	46	89	48	53	101	5	6	5	5	10.78	7.59	1.95	1.068	13.5
1093	GSS BOMO	15	M	BO	1.50	38	20	75	66	59	31	43	74	43	48	91	8	8	8	6	10.97	7.41	1.85	1.058	17.9
1094	GSS BOMO	15	M	KD	1.40	36	20	70	68	47	32	42	74	46	47	93	6	5	4	5	10.97	7.13	1.65	1.070	12.6
1095	GSS BOMO	15	M	DT	1.50	39	22	73	63	54	31	44	75	48	48	96	6	6	5	6	11.25	7.78	1.80	1.066	14.4
1096	GSS BOMO	15	M	KG	1.65	55	22	81	77	60	32	50	82	51	54	105	7	5	5	7	11.65	7.10	1.74	1.065	14.8
1097	GSS BOMO	15	M	KD	1.65	45	20	84	72	68	31	47	78	48	49	97	7	4	3	6	12.59	7.43	1.59	1.070	12.8
1098	GSS BOMO	15	M	KW	1.69	49	23	81	75	69	33	49	82	47	53	100	8	8	7	7	11.10	7.68	1.83	1.058	17.9
1099	GSS BOMO	15	M	ED	1.67	52	23	85	73	71	32	48	80	45	51	96	6	5	4	8	15.28	11.25	2.13	1.066	14.4
1100	GSS BOMO	15	M	SO	1.60	50	24	85	87	57	32	51	83	48	53	103	6	8	7	8	10.79	7.62	1.53	1.059	17.4
1101	GSS BOMO	15	M	KD	1.67	46	23	82	71	71	34	46	80	49	47	96	6	8	6	7	11.31	7.03	1.45	1.061	16.5
1102	GSS BOMO	15	M	KD	1.52	39	20	75	64	62	29	43	72	41	49	90	7	6	6	7	11.12	7.69	1.75	1.062	15.9
1103	GSS BOMO	15	M	KD	1.72	51	25	81	74	70	37	50	87	48	54	102	6	8	7	8	11.92	7.65	2.05	1.059	17.4
1104	GSS BOMO	15	M	BN	1.60	48	21	78	68	52	34	46	80	53	55	108	5	7	6	6	10.35	8.75	2.10	1.065	15.0
1105	GSS BOMO	16	M	KB	1.70	60	24	87	74	62	34	50	84	55	53	108	6	6	6	7	10.78	6.38	2.57	1.063	15.7
1106	GSS BOMO	16	M	KD	1.55	41	20	76	61	58	30	44	74	50	47	97	6	6	5	5	11.47	10.37	1.70	1.067	13.9
1107	GSS BOMO	16	M	KD	1.55	39	20	74	65	57	29	45	74	48	50	98	6	7	7	7	11.58	8.00	2.20	1.061	16.5
1108	GSS BOMO	16	M	KD	1.60	54	26	87	70	54	36	49	85	54	52	106	8	7	6	8	10.73	7.44	1.70	1.059	17.4
1109	GSS BOMO	16	M	KD	1.45	43	20	76	70	46	31	44	75	48	51	99	7	6	7	7	10.96	8.59	1.92	.	.
1110	GSS BOMO	16	M	CK	1.53	54	21	77	66	56	32	44	76	46	51	97	6	5	4	4	13.38	8.86	1.91	1.071	12.2
1111	GSS BOMO	16	M	OY	1.73	42	22	83	70	64	38	50	88	51	58	109	5	6	5	4	10.12	8.22	2.16	1.070	12.7

1112	GSS BOMO	16	M	IM	1.68	51	24	81	71	62	35	48	83	51	55	106	5	6	5	6	10.41	8.06	2.33	1.067	14.0
1113	GSS BOMO	16	M	IM	1.69	50	22	81	66	64	35	47	82	51	54	105	5	6	5	6	10.45	8.23	2.25	1.067	13.9
1114	GSS BOMO	16	M	OS	1.64	44	21	76	69	57	35	46	81	54	53	107	5	4	4	4	9.71	6.63	2.45	1.074	10.9
1115	GSS BOMO	16	M	KD	1.62	43	22	74	61	57	33	48	81	52	53	105	6	5	4	4	11.38	8.75	1.93	1.071	12.2
1116	GSS BOMO	16	M	KD	1.65	66	27	89	78	73	35	50	85	48	54	92	8	10	10	3	11.93	8.02	2.20	1.052	20.5
1117	GSS BOMO	16	M	BN	1.68	53	25	81	70	63	38	49	87	52	53	105	8	8	6	8	10.89	8.90	1.94	1.060	16.9
1118	GSS BOMO	16	M	OS	1.77	54	23	82	66	64	37	50	87	56	57	113	5	9	6	6	11.20	8.23	1.95	1.062	16.1
1119	GSS BOMO	16	M	KG	1.67	52	24	84	69	67	32	47	79	46	54	100	6	6	6	6	11.80	8.17	2.10	1.065	14.8
1120	GSS BOMO	16	M	PL	1.70	60	27	84	71	68	34	48	82	50	52	102	6	9	9	10	10.82	8.07	2.13	1.055	19.2
1121	GSS BOMO	16	M	KD	1.40	34	20	69	63	55	29	42	71	47	48	85	6	4	5	5	10.26	8.84	1.65	1.070	12.8
1122	GSS BOMO	16	M	SO	1.68	50	22	78	68	64	32	49	81	51	53	104	8	7	6	8	11.67	8.10	1.80	1.059	17.4
1123	GSS BOMO	16	M	SO	1.60	50	22	82	70	54	34	47	81	50	56	106	4	4	4	5	11.50	9.57	1.95	1.074	10.9
1124	GSS BOMO	16	M	KG	1.70	60	26	87	79	62	36	47	83	51	57	108	6	8	7	6	11.03	7.90	1.85	1.060	16.9
1125	GSS BOMO	16	M	KG	1.69	52	24	90	66	60	36	47	83	54	55	109	6	6	6	6	11.40	8.07	1.95	1.065	14.8
1126	GSS BOMO	16	M	KN	1.48	36	20	70	64	53	30	42	72	45	50	95	6	6	6	6	11.47	8.23	1.56	1.065	14.8
1127	GSS BOMO	16	M	PL	1.70	58	25	86	74	69	34	51	85	51	50	101	8	7	6	8	10.30	8.28	2.03	1.059	17.4
1128	GSS BOMO	16	M	KD	1.60	46	23	79	66	59	35	46	81	49	52	101	6	6	5	6	11.81	7.57	2.00	.	.
1129	GSS BOMO	16	M	KW	1.39	33	19	69	61	50	29	40	69	43	46	89	6	6	5	6	12.81	9.35	1.73	1.066	14.5
1130	GSS BOMO	16	M	KD	1.43	30	21	68	60	50	26	41	67	44	47	91	5	6	5	6	10.50	8.22	2.13	.	.
1131	GSS BOMO	16	M	KD	1.53	37	19	70	62	58	32	46	76	42	53	95	6	8	4	6	12.33	8.42	1.80	.	.
1132	GSS BOMO	16	M	KD	1.67	50	22	84	71	67	33	48	81	47	53	100	7	5	8	8	11.20	8.38	1.97	.	.
1133	GSS BOMO	16	M	KG	1.60	42	19	75	64	58	34	45	79	49	53	102	5	6	6	6	11.83	9.02	1.67	1.067	13.9
1134	GSS BOMO	16	M	SO	1.54	40	21	70	65	54	32	45	77	47	53	100	8	6	6	6	10.72	8.65	1.92	1.074	10.9
1135	GSS BOMO	16	M	KD	1.50	45	23	80	70	58	30	43	73	45	47	92	8	8	7	8	10.80	8.24	1.89	1.057	18.3
1136	GSS BOMO	16	M	KD	1.49	38	18	68	67	56	31	42	73	45	48	93	5	6	5	6	12.50	8.69	1.64	1.069	13.9
1137	GSS BOMO	16	M	KD	1.50	42	23	78	68	51	30	44	74	48	51	99	6	6	6	6	11.00	8.55	2.14	1.065	14.8
1138	GSS BOMO	16	M	KD	1.49	43	21	78	67	60	31	43	74	42	47	89	7	7	6	6	11.15	10.50	1.82	1.062	16.1
1139	GSS BOMO	16	M	KT	1.78	54	23	85	69	63	36	51	87	54	61	115	6	6	5	6	11.15	7.96	2.05	1.065	14.5
1140	GSS BOMO	16	M	KT	1.69	56	26	85	78	51	36	49	85	58	60	118	6	6	6	8	11.20	7.64	1.90	1.062	16.1
1141	GSS BOMO	16	M	KD	1.40	36	21	64	61	53	29	43	72	41	46	87	4	5	4	4	11.28	9.65	1.80	1.074	10.9
1142	GSS BOMO	16	M	KW	1.42	34	20	72	62	51	28	40	68	44	47	91	6	5	6	5	10.95	8.46	1.90	1.067	13.9
1143	GSS BOMO	16	M	KN	1.48	41	24	77	65	54	32	43	75	44	50	94	11	8	7	7	11.22	8.69	1.90	1.055	18.9
1144	GSS BOMO	16	M	KT	1.63	56	24	82	73	56	31	44	75	52	55	107	8	6	5	8	10.53	8.01	1.93	1.061	16.5
1145	GSS BOMO	16	M	KD	1.70	60	24	89	71	62	31	51	82	53	53	108	6	5	6	8	11.57	7.15	2.14	1.063	15.7
1146	GSS BOMO	16	M	KG	1.78	56	24	84	73	70	34	51	75	52	56	108	6	7	6	6	11.21	7.96	1.79	1.065	14.8
1147	GSS BOMO	16	M	KD	1.50	36	20	76	71	53	29	40	69	46	51	97	6	8	7	7	12.03	9.44	1.77	1.060	16.9
1148	GSS BOMO	16	M	KD	1.62	47	24	80	69	65	33	44	77	46	51	97	8	7	7	6	11.79	7.48	1.80	1.060	16.9
1149	GSS BOMO	16	M	KD	1.60	46	22	79	70	59	32	46	78	48	53	101	5	6	6	6	10.67	7.75	2.20	1.074	10.9
1150	GSS BOMO	16	M	KG	1.65	49	22	78	69	74	33	47	81	45	51	91	8	7	7	7	12.11	8.00	1.16	1.059	17.4
1151	GSS BOMO	16	M	KT	1.60	50	24	85	72	56	31	43	74	50	54	104	6	6	8	6	11.04	7.72	1.99	1.062	16.1
1152	GSS BOMO	16	M	KG	1.65	50	22	79	64	60	33	49	82	53	52	105	6	5	6	7	11.32	7.48	2.10	1.045	15.0
1153	GSS BOMO	16	M	KN	1.60	56	27	83	69	57	33	47	80	52	51	103	6	5	5	6	11.78	6.84	2.28	1.067	14.0
1154	GSS BOMO	16	M	KD	1.75	63	25	89	81	72	32	49	81	50	53	103	8	9	9	10	10.81	7.69	1.88	1.053	20.1
1155	GSS BOMO	16	M	KG	1.68	61	23	86	76	70	36	49	85	45	53	98	7	8	7	8	10.56	7.42	2.13	1.058	17.9
1156	GSS BOMO	16	M	KD	1.50	44	21	79	68	49	31	45	76	51	50	101	8	6	6	8	11.15	7.55	2.00	1.060	16.9
1157	GSS BOMO	16	M	KN	1.60	48	21	82	66	58	32	44	76	50	52	102	6	5	6	8	11.64	8.35	1.61	1.060	15.7
1158	GSS BOMO	16	M	KD	1.55	38	18	70	66	62	32	45	77	44	49	93	5	4	5	5	11.40	7.92	1.92	1.071	12.2
1159	GSS BOMO	16	M	KD	1.55	41	20	74	66	58	32	46	78	48	49	97	6	9	6	7	11.31	8.78	1.70	1.060	16.9
1160	GSS BOMO	17	M	KD	1.67	60	25	86	74	59	35	52	87	54	54	108	7	8	8	7	11.39	7.65	2.03	1.058	17.9
1161	GSS BOMO	17	M	KD	1.58	49	22	80	66	57	33	45	78	49	52	101	6	6	5	6	10.89	8.19	2.20	1.066	14.5
1162	GSS BOMO	17	M	KD	1.65	55	23	72	74	67	32	49	81	47	51	98	6	3	4	6	10.50	7.30	1.96	1.071	12.2
1163	GSS BOMO	17	M	KD	1.65	50	23	79	68	60	34	47	81	51	54	105	7	6	6	6	11.07	8.85	2.11	1.063	15.7
1164	GSS BOMO	17	M	KG	1.70	58	24	80	71	62	33	49	82	53	55	108	6	7	6	7	10.95	6.98	1.88	1.062	16.1
1165	GSS BOMO	17	M	PL	1.65	46	21	79	63	67	34	46	74	47	51	98	4	4	4	5	10.78	8.08	1.70	1.074	10.9
1166	GSS BOMO	17	M	PL	1.75	59	25	88	71	76	36	50	86	48	51	99	5	6	4	6	12.40	8.53	2.22	1.068	13.5
1167	GSS BOMO	17	M	KD	1.50	40	20	71	63	58	31	46	77	44	48	92	4	5	5	6	11.34	9.35	1.79	1.070	12.8
1168	GSS BOMO	17	M	KD	1.70	58	24	83	75	65	35	49	84	50	55	105	7	8	8	9	.	6.96	.	.	.
1169	GSS BOMO	17	M	KD	1.60	41	21	74	64	65	31	45	76	47	48	95	4	5	5	6	11.69	8.85	2.10	1.070	12.8
1170	GSS BOMO	17	M	BN	1.67	51	22	83	67	72	31	45	76	47	48	95	7	6	6	6	10.67	8.46	1.89	1.063	15.7
1171	GSS BOMO	17	M	KD	1.60	44	22	75	73	60	32	48	76	46	55	101	5	5	4	5	.	8.27	2.02	.	.
1172	GSS BOMO	17	M	KD	1.63	46	21	78	68	59	33	48	81	51	53	104	6	7	5	6	11.03	8.54	2.04	1.065	14.8
1173	GSS BOMO	17	M	KD	1.60	48	23	81	72	60	31	46	77	49	51	100	6	9	8	8	11.58	7.97	2.19	1.057	18.3
1174	GSS BOMO	17	M	KD	1.55	58	24	87	78	50	35	49	84	52	53	105	7	8	8	8	11.59	6.90	1.93	1.057	18.3
1175	GSS BOMO	17	M	KD	1.65	51	22	80	71	69	32	48	80	47	49	96	8	7	5	7	11.10	8.45	1.99	1.060	16.9
1176	GSS BOMO	17	M	KT	1.60	52	23	84	71	70	32	48	80	44	46	90	8	8	9	9	11.94	8.18	1.77	1.055	19.3
1177	GSS BOMO	17	M	KD	1.55	44	22	78	65	53	34	46	80	50	52	102	7	7	7	6	10.00	9.50	2.01	1.061	15.5

1178	GSS BONO	17	M	KD	1.71	60	25	86	70	64	36	48	84	53	54	107	6	8	8	9	10.36	8.07	1.98	1.057	18.3
1179	GSS BONO	17	M	KT	1.68	46	23	76	62	71	34	48	82	47	50	97	6	7	6	8	.	8.51	1.98	.	.
1180	GSS BONO	17	M	AD	1.50	39	19	70	66	53	32	41	73	47	50	97	5	5	5	6	11.22	9.51	2.19	1.068	13.5
1181	GSS BONO	17	M	KD	1.61	58	25	82	74	63	33	46	79	50	51	101	7	8	8	9	10.84	8.47	2.16	1.058	17.9
1182	GSS BONO	17	M	KD	1.50	50	24	79	68	54	31	45	75	47	49	96	5	6	4	6	10.84	8.47	1.96	1.068	13.5
1183	GSS BONO	17	M	KD	1.74	51	24	92	78	67	33	52	75	51	56	107	6	5	4	6	10.95	7.43	2.15	1.068	13.5
1184	GSS BONO	17	M	KG	1.70	49	22	84	81	62	35	49	84	52	56	108	4	4	4	4	10.51	7.78	.	.	.
1185	GSS BONO	17	M	KN	1.69	45	21	73	63	65	37	47	84	50	54	104	7	6	5	6	11.19	8.68	1.81	1.063	15.7
1186	GSS BONO	17	M	KD	1.67	55	24	83	73	56	36	52	88	55	56	111	6	9	8	9	11.53	8.60	2.18	1.057	18.3
1187	GSS BONO	17	M	KD	1.55	45	21	79	67	61	34	47	81	46	48	94	4	6	5	6	11.46	7.59	2.07	1.068	16.1
1188	GSS BONO	17	M	KD	1.78	50	22	86	71	73	34	50	74	50	55	105	8	7	5	6	11.31	8.90	1.85	1.062	16.1
1189	GSS BONO	17	M	KN	1.60	47	22	78	71	57	34	45	79	49	54	103	6	7	6	8	9.92	6.69	2.48	1.061	16.5
1190	GSS BONO	17	M	KT	1.66	52	23	78	73	63	33	46	79	50	53	103	7	8	7	7	12.62	8.37	1.90	.	.
1191	GSS BONO	17	M	KD	1.65	41	21	76	74	64	34	45	79	49	52	101	4	5	4	6	11.00	7.59	2.01	1.071	12.2
1192	GSS BONO	17	M	KD	1.65	46	22	74	69	63	33	49	82	50	52	102	6	6	5	6	10.99	9.22	1.94	1.066	14.4
1193	GSS BONO	17	M	SO	1.60	48	22	78	67	62	34	44	78	47	51	98	5	6	5	6	11.05	8.13	1.96	1.067	14.0
1194	GSS BONO	17	M	KT	1.60	51	24	82	74	62	33	51	84	46	52	98	4	4	4	6	10.91	8.00	2.01	1.073	11.3
1195	GSS BONO	17	M	KN	1.61	51	24	84	66	59	35	48	83	50	52	102	6	6	6	6	10.72	7.48	1.68	1.065	14.8
1196	GSS BONO	17	M	KD	1.50	46	23	78	70	58	31	44	75	45	47	92	6	6	7	8	11.53	8.06	1.89	1.061	16.5
1197	GSS BONO	17	M	PL	1.65	53	23	90	74	62	36	50	86	50	53	103	10	8	7	8	11.37	8.03	2.00	1.056	18.8
1198	GSS BONO	17	M	KW	1.50	40	21	72	68	55	31	45	76	47	48	95	8	6	4	6	10.75	7.92	1.97	1.065	14.8
1199	GSS BONO	17	M	KD	1.60	59	24	88	76	56	36	51	87	51	53	104	7	9	8	9	13.19	8.54	1.75	1.056	18.9
1200	GSS BONO	17	M	BO	1.65	46	21	76	69	58	37	49	86	51	56	107	6	5	5	5	12.57	8.13	1.99	1.068	13.5
1201	GSS BONO	17	M	KB	1.80	63	24	86	72	69	39	53	92	54	57	111	6	7	4	9	10.73	8.46	2.15	1.062	16.1
1202	GSS BONO	17	M	KW	1.65	54	23	82	74	64	35	48	83	48	53	101	8	6	4	6	10.65	7.62	2.16	1.065	15.0
1203	GSS BONO	17	M	KG	1.80	64	25	93	92	72	36	55	91	50	58	108	8	8	8	8	10.19	7.90	2.37	1.057	18.5
1204	GSS BONO	17	M	DN	1.73	51	21	87	65	69	32	48	80	51	54	104	4	5	5	7	11.03	7.77	2.13	1.068	13.5
1205	GSS BONO	17	M	KG	1.78	55	22	85	70	78	34	51	75	50	56	106	5	6	4	6	10.63	8.28	2.48	1.068	13.5
1206	GSS BONO	17	M	KG	1.71	53	24	84	74	71	35	51	86	48	52	100	6	6	6	8	10.46	6.95	2.26	1.062	16.1
1207	GSS BONO	17	M	KD	1.74	51	22	84	73	71	36	50	86	49	54	103	6	6	6	8	11.22	7.42	1.17	1.062	16.1
1208	GSS BONO	17	M	KD	1.79	59	25	84	75	72	36	51	87	51	56	107	6	8	8	10	12.03	7.97	1.90	1.057	18.5
1209	GSS BONO	17	M	KG	1.70	54	24	80	72	70	31	49	90	47	53	100	8	8	8	9	11.19	7.49	2.14	1.056	18.9
1210	GSS BONO	17	M	KG	1.74	61	25	98	74	66	34	51	85	51	57	108	6	6	6	8	10.75	8.94	2.34	1.062	16.1
1211	GSS BONO	17	M	KN	1.67	51	25	82	67	64	35	50	85	51	52	103	6	8	6	6	11.63	7.91	1.95	1.062	16.1
1212	GSS BONO	17	M	DY	1.75	61	26	87	74	67	31	50	81	52	56	108	6	6	5	8	10.14	7.16	2.20	1.063	15.7
1213	GSS BONO	17	M	KD	1.59	41	20	73	65	59	31	47	78	48	52	100	4	4	4	5	11.42	8.53	2.00	1.074	10.9
1214	GSS BONO	17	M	BD	1.83	66	25	89	84	75	36	52	87	51	57	108	8	8	6	8	10.50	7.85	2.35	1.058	17.9
1215	GSS BONO	18	M	KD	1.68	64	25	90	84	64	33	50	93	51	53	104	6	8	6	8	10.00	.	2.30	.	.
1216	GSS BONO	18	M	KD	1.61	47	23	91	68	58	35	50	85	54	53	103	6	5	5	6	10.67	8.06	2.15	1.145	17.6
1217	GSS BONO	18	M	KG	1.70	64	26	89	91	61	38	51	89	52	57	109	10	9	8	12	10.57	8.66	2.06	1.051	20.9
1218	GSS BONO	18	M	BD	1.73	64	24	90	77	62	31	51	82	50	54	108	7	6	4	6	13.78	7.75	2.32	1.065	14.7
1219	. .											45	79	1-	54	102	7	-	7	10	16.35	8.77	2.31	1.056	21.3
1220	GSS BONO	18	M	BD	1.65	64	26	92	75	62	32	47	79	51	52	103	9	10	10	11	10.81	7.13	.	.	.
1221	GSS BONO	18	M	KD	1.78	57	25	84	73	62	37	51	88	56	60	116	8	8	6	10	10.62	7.37	2.38	1.056	18.8
1222	GSS BONO	18	M	KD	1.60	54	22	82	68	60	30	47	77	50	50	100	6	8	8	8	11.29	8.00	2.23	1.058	17.3
1223	GSS BONO	18	M	KD	1.85	73	25	95	77	66	34	52	86	59	60	119	8	6	6	8	10.57	7.21	2.05	1.060	16.9
1224	GSS BONO	18	M	KN	1.65	55	22	84	73	60	33	49	82	52	53	105	6	6	5	5	11.10	8.53	2.25	1.066	14.4
1225	GSS BONO	18	M	BD	1.65	60	24	94	74	61	30	45	75	52	52	104	6	6	6	9	11.15	7.75	2.12	1.061	16.5
1226	GSS BONO	18	M	KN	1.70	60	24	86	80	60	32	50	82	54	56	110	8	8	6	8	10.52	8.03	1.95	1.058	17.9
1227	GSS BONO	18	M	SO	1.65	59	23	84	72	61	32	49	81	52	52	104	9	9	8	8	10.94	7.66	2.19	1.055	19.2
1228	GSS BONO	18	M	BD	1.55	44	20	71	67	61	28	45	73	46	48	94	6	5	3	5	12.07	9.65	1.54	1.071	12.2
1229	GSS BONO	18	M	KD	1.65	52	25	80	71	63	33	48	81	50	52	102	6	10	10	8	11.50	7.34	2.06	1.055	19.2
1230	GSS BONO	18	M	KD	1.67	46	20	80	70	66	32	48	80	49	52	101	6	8	6	10	11.94	8.35	1.85	1.058	17.9
1231	GSS BONO	18	M	KD	1.75	67	26	90	78	72	31	50	81	51	52	103	10	7	6	10	10.28	7.34	2.30	1.055	19.2
1232	GSS BONO	18	M	KD	1.75	50	21	82	68	65	34	49	83	54	56	110	6	6	7	8	11.57	9.41	1.96	1.061	16.5
1233	GSS BONO	18	M	KD	1.75	73	27	91	87	58	36	52	88	60	57	117	6	9	6	11	10.67	7.76	2.12	1.057	18.3
1234	GSS BONO	18	M	BA	1.65	55	22	86	71	63	32	47	79	51	51	102	6	8	7	8	11.47	8.43	1.96	1.059	17.4
1235	GSS BONO	18	M	KD	1.70	54	21	87	69	68	34	47	81	51	51	102	6	6	5	7	12.00	8.47	1.92	1.065	14.8
1236	GSS BONO	18	M	JG	1.65	57	23	85	72	63	32	48	80	51	51	102	8	8	4	10	10.82	7.50	1.88	1.058	17.9
1237	GSS BONO	18	M	KG	1.60	58	27	85	68	60	30	48	78	50	50	100	9	6	6	8	10.67	7.46	2.20	1.059	17.4
1238	GSS BONO	18	M	KG	1.81	63	24	90	73	70	34	49	82	56	55	111	8	8	5	8	11.04	7.40	2.36	1.059	17.4
1239	GSS BONO	18	M	KN	1.70	59	25	82	72	67	32	48	80	49	54	103	11	8	7	9	11.03	7.38	2.47	1.054	19.6
1240	GSS BONO	18	M	KG	1.80	66	26	88	78	65	38	55	93	56	59	115	6	7	7	8	10.84	7.66	2.45	1.060	16.9
1241	GSS BONO	18	M	KG	1.70	47	23	69	68	62	35	49	84	53	55	108	5	7	7	8	10.88	8.07	2.07	1.061	16.5
1242	GSS BONO	18	M	KD	1.60	51	25	88	79	60	29	46	75	49	51	100	7	6	5	8	10.95	7.21	2.21	1.062	15.1
1243	GSS BONO	18	M	KD	1.60	45	20	78	69	64	31	44	75	45	51	96	6	6	7	8	10.99	8.03	1.82	1.061	16.5

1244	GSS BOMO	18	M	KN	1.65	53	24	83	67	64	34	48	82	49	52	101	6	7	5	8	10.73	7.47	2.37	1.062	16.1
1245	GSS BOMO	18	M	KD	1.69	57	26	87	75	69	30	46	76	50	50	100	6	6	6	8	10.62	7.22	2.12	1.062	16.0
1246	GSS BOMO	18	M	KG	1.70	59	24	87	70	63	32	48	80	54	53	107	6	6	8	8	10.78	7.72	2.13	1.060	16.9
1247	GSS BOMO	18	M	KD	1.80	61	26	84	72	73	36	51	87	51	56	107	6	6	6	9	10.83	7.26	2.27	1.061	16.5
1248	GSS BOMO	18	M	KD	1.57	45	20	81	68	63	27	46	73	47	47	94	5	6	5	5	11.10	7.96	1.92	1.068	13.5
1249	GSS BOMO	18	M	KD	1.60	45	21	79	65	55	32	45	77	54	51	105	6	4	4	5	12.00	8.19	2.00	1.071	12.2
1250	GSS BOMO	18	M	KD	1.65	50	23	79	74	59	32	47	79	53	53	106	6	6	5	7	10.73	9.36	2.28	1.064	15.2
1251	GSS BOMO	18	M	KD	1.65	65	27	87	72	61	28	48	76	52	52	104	8	8	8	9	10.78	6.00	2.00	1.053	19.2
1252	GSS BOMO	18	M	KD	1.67	60	25	85	71	67	33	50	83	50	50	100	10	10	6	9	10.78	10.06	2.24	1.054	19.6
1253	GSS BOMO	18	M	KD	1.75	67	26	90	81	65	35	53	88	54	56	110	8	8	7	6	10.93	7.80	2.12	1.059	17.4
1254	GSS BOMO	18	M	KD	1.80	55	22	83	79	70	32	51	83	55	55	110	6	6	5	7	14.31	7.69	1.72	1.014	17.3
1255	GSS BOMO	18	M	KG	1.62	53	25	79	71	58	36	47	83	60	54	114	6	7	7	8	9.66	7.33	2.31	1.060	16.9
1256	GSS BOMO	18	M	KD	1.65	51	22	80	70	61	29	46	75	52	52	104	6	8	6	7	11.16	8.39	2.00	1.061	16.5
1257	GSS BOMO	18	M	KW	1.72	56	24	82	74	66	30	49	79	54	52	106	8	6	5	8	11.04	7.27	2.30	1.061	16.5
1258	GSS BOMO	18	M	KN	1.55	50	23	80	66	51	31	44	75	53	51	104	6	8	6	7	10.78	7.43	1.27	1.061	16.5
1259	GSS BOMO	18	M	AD	1.77	60	25	88	74	63	36	48	84	55	59	114	5	7	7	7	10.07	7.95	2.27	1.062	16.1
1260	GSS BOMO	18	M	KG	1.65	62	25	84	74	61	32	43	81	52	53	105	10	10	11	10	10.66	7.02	2.00	1.050	21.4
1261	GSS BOMO	18	M	DN	1.65	67	26	91	81	62	30	50	80	50	53	103	8	9	6	10	10.84	8.50	1.79	1.056	18.8
1262	GSS BOMO	18	M	BA	1.65	60	23	89	78	62	36	50	86	50	53	103	7	7	8	7	11.72	5.50	2.21	1.046	11.1
1263	GSS BOMO	18	M	KN	1.65	59	21	85	78	61	28	45	73	52	52	104	8	11	9	10	10.72	7.53	1.90	1.058	69.7
1264	GSS BOMO	18	M	KG	1.74	64	25	90	71	66	35	49	84	54	54	108	5	6	6	6	10.97	7.01	2.25	1.066	14.5
1265	GSS BOMO	18	M	KD	1.70	63	27	89	80	63	37	51	88	54	53	107	8	6	6	8	11.47	7.56	1.90	1.060	16.9
1266	GSS BOMO	18	M	KD	1.60	56	26	89	71	56	33	47	80	46	48	94	5	5	6	8	10.35	7.36	2.03	1.065	14.8