NON-COMMUNICABLE DISEASES RISK FACTORS - PHYSICAL ACTIVITY







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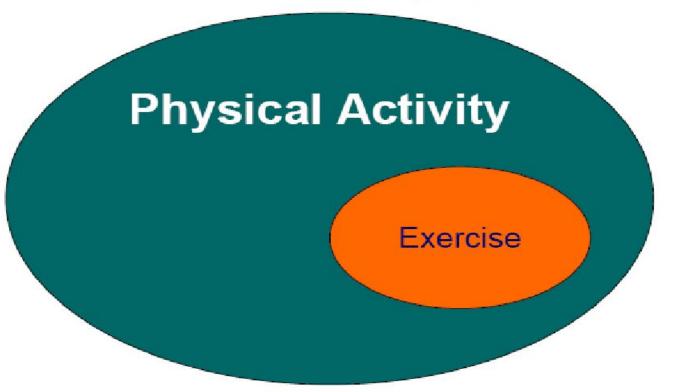


Greetings from Kenyatta University



Defining physical activity

Physical Activity - Any bodily movement produced by skeletal muscles that results in energy expenditure



Exercise - a subset of physical activity defined as a "planned, structured and repetitive bodily movement done to improve or maintain one or more components of physical fitness"

Overview of the Health benefits of physical activity

Other possible health benefits ? prostate Ca. ? lung disease ? arthritis mood, anxiety, QOL, depression, social benefits,mental health

Physical Activity

CHD

Diabetes
Colon cancer
Breast cancer
Osteoporosis

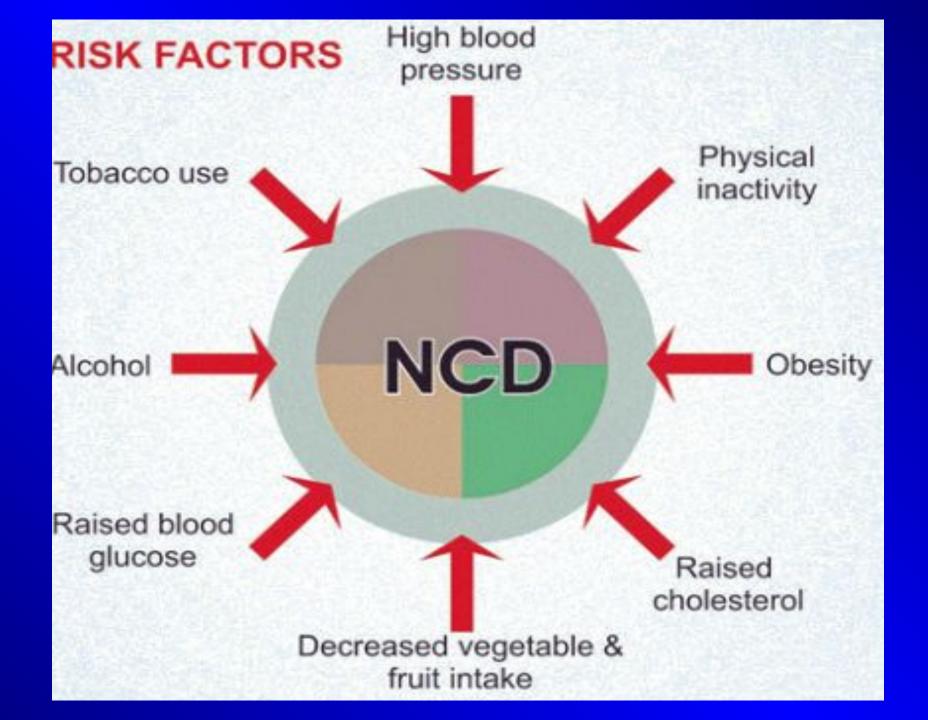
Stroke, other CVD

Cholesterol

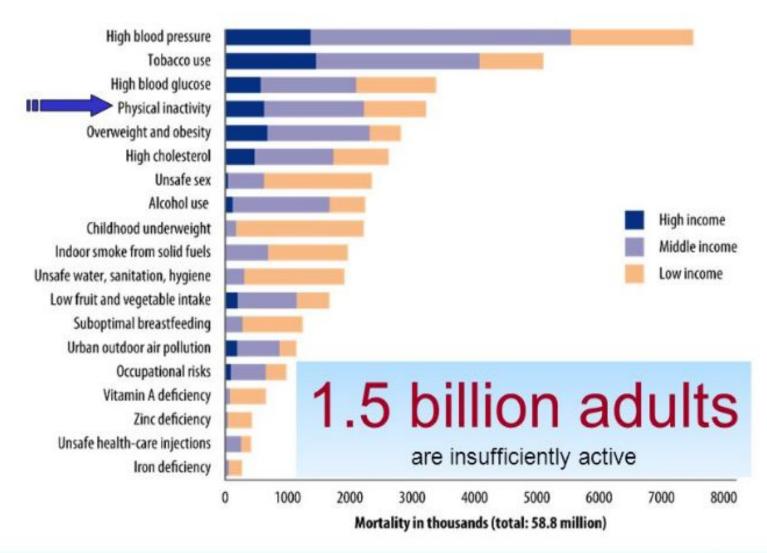
Slide courtesy of Professor A Bruman

Other benefits of physical activity





Physical inactivity - 4th leading risk factor for global mortality





Source: WHO's report on "Global health risks"

WHO estimates that about 3.2 million deaths are attributable to physical inactivity worldwide, every year



Recommended physical activity dose for good health

Adults should accumulate at least 30 minutes of MVPA on most and preferably all days of the week.

Children should accumulate at least 60 minutes of MVPA on most and preferably all days of the week







SUSTAINABLE GALS













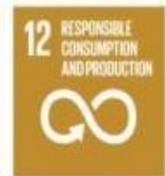








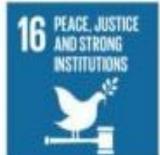














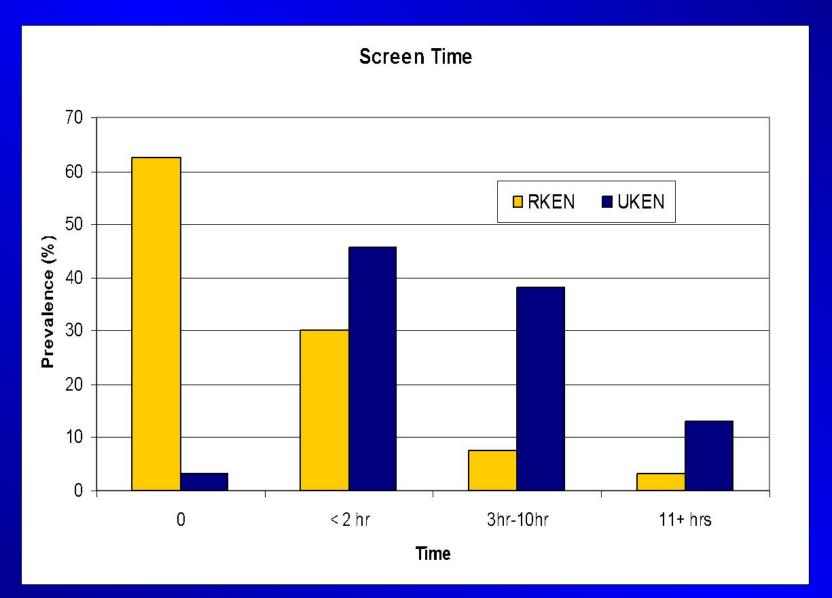


We are faced with an Obesogenic Environment

 Environment that encourages the overconsumption of energy-dense foods without engaging in sufficient amounts of physical activity

 Problem compounded by social beliefs & societal expectations where overweight and obesity is revered.

Screen Time



Onywera et al., 2011 (IJPAH)

Kenyan children and Youth are becoming Technophiles

Science and Technology



Gone are the days telecommunication was a preserve of the rich. The mobile phone has edged out landline in personal communication.



SCREEN INVASION













Big bellies lock Kenyan youths from army jobs





How junk food is creating a colony of overweight children in Kenya

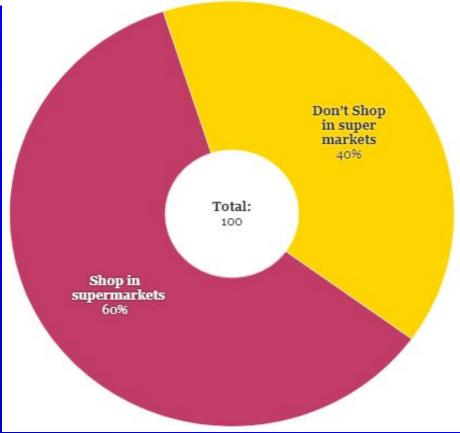




TUESDAY September 15, 2009

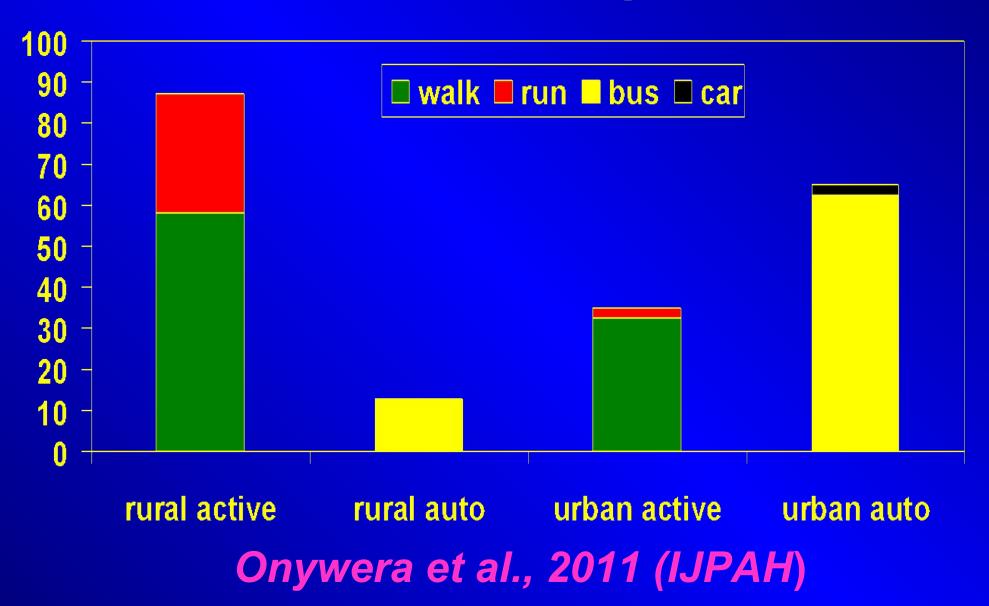


Of those who are overweight or obese



Source: BD Research

Active transport





During the next 5 years, I will dedicate the energy, time and resources of my Administration to the Big Four.

The **Big Four** will create jobs, which will enable our people to meet their basic needs. Jobs will transform the lives of our people from that of hardship and want, to new lives of greater comfort and wellbeing. **And that is the future I have seen.**

Uhuru Keryatta

LESSONS FROM AROUND THE WORLD









New Zealand

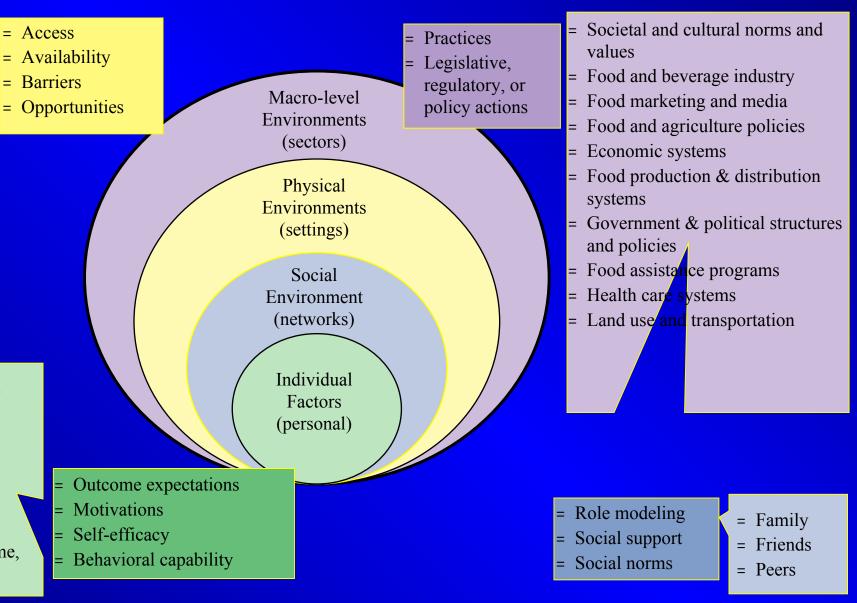
Kenyatta University Hospital



Social-ecological model to support healthy active living

- = Home
- = Worksites
- = School, Afterschool
- = Child-care
- = Neighborhoods & Communities
- = Restaurants & fast food outlets
- = Supermarkets
- = Convenience & corner stores

- = Cognitions (e.g. attitudes, preferences, knowledge, values)
- = Skills and behaviors
- = Lifestyle
- Biological (e.g. genes, gender, age)
- = Demographics (e.g. income, race/ethnicity)



RECOMMENDATIONS

- 1. Look at Exercise and Physical Activity as Medicine
- 2. Include Exercise and Physical Activity in treatment plans
- 3. Include Exercise and Physical Activity in teaching goals and plans for medical students
- 4. Make "level of physical activity" a standard vital sign question in each patient visit
- 5. Finalize the NATIONAL PHYSICAL ACTIVITY ACTION PLAN

In Conclusion: ABC of NCDs



Acknowledge the problem



Believe it is preventable



Culture of wellness

Eat Enough, Eat Right, Move More

THANK YOU

