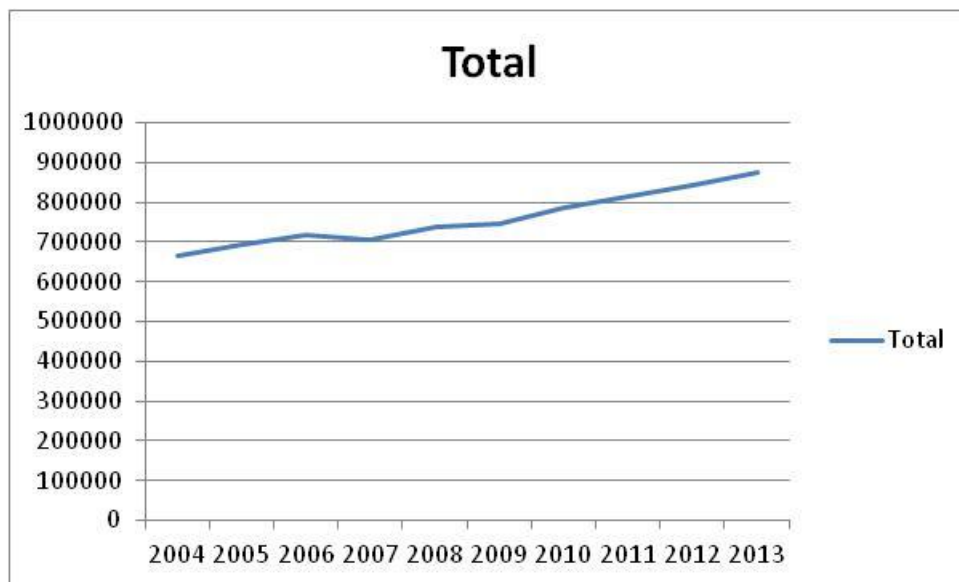


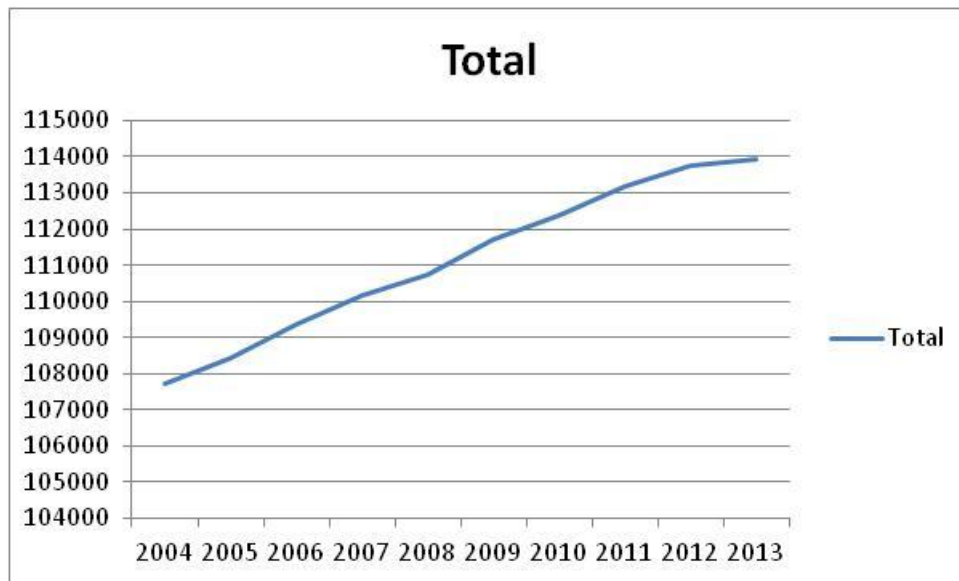
Short narrative report on assignment

The aim of this assignment is to debate on the role of agriculture transformation in the development process and as an engine to reduce poverty and improve general wellbeing through better access to nutrients in Africa. To better inform the audience the review of food production, consumption for the period 2004-2013 in African countries were used for analysis. The observed food production and consumption trends highlight the importance of pursuing a deep transformation of the agricultural sector in Africa if incomes are to be risen and food security problems are to be mitigated.

Sum of trend food production over the years



Sum of trend food consumption over the years



In general the figure indicate that the positive trend in food production and consumption for the period 2003-2014

Average and median food production

Row Labels	Average of Value	Median
2004	286.767301	320.8637543
2005	298.9865917	325.4129293
2006	310.8140138	327.7852012
2007	305.2158304	333.9760781
2008	318.6868512	340.166955
2009	323.0406574	345.7352941
2010	340.166955	351.3036332
2011	351.3036332	358.0677247
2012	364.8318162	364.8318162
2013	378.2275683	353.0063847
Grand Total	327.7852012	327.7852012

Quartile and interquartile ranges

Valuecount23110.000000

mean327.78520

1std1607.940343

min0.000000

25%3.000000 =Q1

50% 18.000000 = Q2

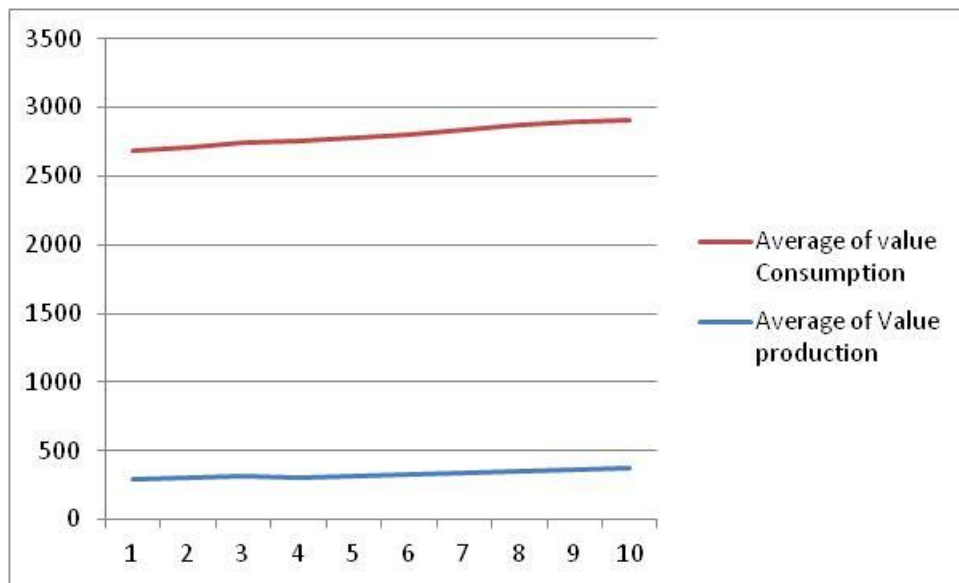
75% 108.000000 = Q3

max 54000.000000

IQR = Q3 - Q1

The value is 105

A comparison between average food consumption and production for each year



1, 2, 3,... are equivalent to 2003, 2004, 2005,...