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Appendix A: Conversion factors used

Conversion factor used to compute consumption unit (adult equivalent)

Age group (years)	Male	Female
< 10 years	0.6	0.6
10 – 13	0.9	0.8
14 – 16	1	0.75
17 – 15	1	0.75
> 50 year	1	0.765

Source: Institute Panafrican Pour le Development (1981) as cited in Storck *et al*, 1991:188

Conversion factor used to compute man- equivalent (labour force)

Age group (years)	Male	Female
< 10 years	0	0
10 – 13	0.2	0.2
14 – 16	0.5	0.4
17 – 15	1	0.8
> 50 year	0.7	0.5

Source: Here (1986); Johnson (1982); Ruthenberg (1993); Naire (1985) cited in Storck *et al*, 1991:188

Conversion factors used for computation of tropical livestock unit (TLU)

Animal category	Livestock unit
Calf	0.25
Weaned calf	0.34
Heifer	0.75
Cow and ox	1.00
Horse	1.100
Donkey (adult)	0.7
Donkey young	0.35
Camel	1.25
Sheep and goat (adult)	0.13
Sheep and goat (young)	0.06
Chicken	0.013

Source: Storck *et al*, 1991:188

Appendix B:

Yield (kg) of staple cereals in the Hararghe Highlands in normal year (average rainfall situation)

Crop	Yield ranges (kg) per ha
Sorghum	1100 – 1400
Maize	1400 – 1600
Barley	700 – 1000
Wheat	800 – 1300
Teff	600 - 800

Compiled from CARE-Ethiopia Crop Assessment Report, 2000

Appendix C:

Total fertility rates in Ethiopia 1985 – 2020

Year	CSA	World Bank	UN
1984/85	7.5	7.5	6.84
1995 – 2000	6.7	7.5	6.60
2000 – 2005	5.8	7.2	5.94
2005 – 2010	5.3	6.6	5.43
2010 – 1015	4.8	6.0	4.92
2015 – 2020	4.3	5.4	4.41

Source: Compiled by Degefa and Nega, 2000