

SOME INDICATORS FOR THE 18 MAJOR TOWNS OF ETHIOPIA

Appendix to Chapter 4

Table A.4.6.a.1 Share of Already Resident Population (Stable Population) Out of Total Population by sex.

Region	Zone	Cities	M	F
Tigray	Debubawi tigray	Mekele	42.7	43.4
Amhara	Semen Gondar	Gondar	64.2	63.7
Amhara	Debub Wello	Desse	59.7	58.8
Amhara	Debub Wello	Kombolcha	49.8	48.5
Amhara	Semen Shewa	Debre Berhan	48.9	47.5
Amhara	Misrak Gojam	Debre Markos	61.1	62.4
Amhara	Bahir Dar	Bahr Dar	47.6	44.1
Oromiya	Misrak Wellega	Nekemte	55.8	61.9
Oromiya	Jimma zone	Jimma	52.8	54.7
Oromiya	Misrak Shewa	Debre Zeif	57.0	58.2
Oromiya	Misrak Shewa	Nazareth	46.4	46.3
Oromiya	Misrak Shewa	Shashamane	48.5	46.1
Oromiya	Arssi	Assela	49.2	48.8
SNNP	Sidama	Awasa	44.3	44.6
SNNP	Semen Omo	Arba Minch	36.3	37.5
Harari		Harar	64.4	66.1
Addis Ababa		Addis Ababa	53.1	53.2
Dire Dawa		Dire Dawa	55.6	53.0
		mean	52.1	52.1
		s.d.	7.6	8.0
		V.C.	14.6	15.3

Source: own calculations from 1994 Census

Table A.4.6.a.2 Share of the New In-migrant (Resident for no More than Five Years) Out of the Population by Sex.

Region	Zone	Cities	M	F
Tigray	Debubawi tigray	Mekele	39.2	33.8
Amhara	Semen Gondar	Gondar	16.1	13.0
Amhara	Debub Wello	Desse	16.8	15.2
Amhara	Debub Wello	Kombolcha	21.4	22.9
Amhara	Semen Shewa	Debre Berhan	23.2	19.7
Amhara	Misrak Gojam	Debre Markos	20.2	13.9
Amhara	Bahir Dar	Bahr Dar	24.0	23.0
Oromiya	Misrak Wellega	Nekemte	23.4	16.9
Oromiya	Jimma zone	Jimma	18.1	16.0
Oromiya	Misrak Shewa	Debre Zeif	14.1	12.5
Oromiya	Misrak Shewa	Nazareth	22.2	21.7
Oromiya	Misrak Shewa	Shashamane	19.4	21.3
Oromiya	Arssi	Assela	19.9	17.7
SNNP	Sidama	Awasa	24.8	23.5
SNNP	Semen Omo	Arba Minch	26.9	24.1
Harari		Harar	13.2	11.1
Addis Ababa		Addis Ababa	13.9	13.8
Dire Dawa		Dire Dawa	15.3	15.9
		mean	20.7	18.7
		s.d.	6.0	5.5
		V.C.	29.0	29.3

Source: own calculations from 1994 Census

Table A.4.6.b.1 Crude Birth Rate (Per 1,000 Population)

Region	Zone	Cities	CBR
Tigray	Debubawi tigray	Mekele	27.6
Amhara	Semen Gondar	Gondar	17.0
Amhara	Debub Wello	Desse	12.6
Amhara	Debub Wello	Kombolcha	19.0
Amhara	Semen Shewa	Debre Berhan	21.2
Amhara	Misrak Gojam	Debre Markos	12.5
Amhara	Bahir Dar	Bahr Dar	19.8
Oromiya	Misrak Wellega	Nekemte	23.9
Oromiya	Jimma zone	Jimma	20.2
Oromiya	Misrak Shewa	Debre Zeif	18.5
Oromiya	Misrak Shewa	Nazareth	16.6
Oromiya	Misrak Shewa	Shashamane	23.5
Oromiya	Arssi	Assela	20.0
SNNP	Sidama	Awasa	26.8
SNNP	Semen Omo	Arba Minch	24.1
Harari		Harar	14.2
Addis Ababa		Addis Ababa	15.6
Dire Dawa		Dire Dawa	18.4
		mean	19.5
		s.d.	4.4
		V.C.	22.8

Source: own calculations from 1994 Census

Table A.4.6.b.2 Average Parity (Average Number of Children Ever Born for Women Aged 45-49) by Kind of Population

Region	Zone	Cities	Since Birth	New in-migrant
Tigray	Debubawi tigray	Mekele	5.3	4.9
Amhara	Semen Gondar	Gondar	5.7	4.9
Amhara	Debub Wello	Desse	5.3	4.3
Amhara	Debub Wello	Kombolcha	5.5	3.5
Amhara	Semen Shewa	Debre Berhan	4.9	4.3
Amhara	Misrak Gojam	Debre Markos	5.5	4.4
Amhara	Bahir Dar	Bahr Dar	6.2	5.7
Oromiya	Misrak Wellega	Nekemte	6.2	2.6
Oromiya	Jimma zone	Jimma	5.3	4.5
Oromiya	Misrak Shewa	Debre Zeif	5.9	6.1
Oromiya	Misrak Shewa	Nazareth	5.5	4.5
Oromiya	Misrak Shewa	Shashamane	6.9	6.0
Oromiya	Arssi	Assela	7.1	9.2
SNNP	Sidama	Awasa	4.0	3.8
SNNP	Semen Omo	Arba Minch	3.0	3.9
Harari		Harar	5.2	5.7
Addis Ababa		Addis Ababa	5.6	5.4
Dire Dawa		Dire Dawa	5.7	5.2
		mean	5.5	4.9
		s.d.	0.9	1.4
		V.C.	16.5	27.4

Source: own calculations from 1994 Census

Table A.4.6.b.3 Mean Age of Already Resident Population (Stable Population) by Sex

Region	Zone	Cities	M	F
Tigray	Debubawi tigray	Mekele	14.7	18.2
Amhara	Semen Gondar	Gondar	17.6	19.7
Amhara	Debub Wello	Desse	18.6	20.9
Amhara	Debub Wello	Kombolcha	17.0	17.4
Amhara	Semen Shewa	Debre Berhan	15.9	17.3
Amhara	Misrak Gojam	Debre Markos	18.5	22.0
Amhara	Bahir Dar	Bahr Dar	14.1	14.5
Oromiya	Misrak Wellega	Nekemte	18.3	19.7
Oromiya	Jimma zone	Jimma	16.7	17.8
Oromiya	Misrak Shewa	Debre Zeif	17.0	17.9
Oromiya	Misrak Shewa	Nazareth	16.2	16.8
Oromiya	Misrak Shewa	Shashamane	13.8	13.8
Oromiya	Arssi	Assela	16.2	16.3
SNNP	Sidama	Awasa	12.3	12.2
SNNP	Semen Omo	Arba Minch	11.1	11.2
Harari		Harar	20.3	22.5
Addis Ababa		Addis Ababa	15.8	16.7
Dire Dawa		Dire Dawa	17.0	17.4
		mean	16.2	17.4
		s.d.	2.3	3.1
		V.C.	14.2	17.7

Source: own calculations from 1994 Census

Table A.4.6.b.4 Mean Age of New In-migrants (Resident for no More than Five Years) by Sex

Region	Zone	Cities	M	F
Tigray	Debubawi tigray	Mekele	24.8	22.9
Amhara	Semen Gondar	Gondar	25.7	22.0
Amhara	Debub Wello	Desse	26.0	23.4
Amhara	Debub Wello	Kombolcha	24.9	23.4
Amhara	Semen Shewa	Debre Berhan	27.0	22.0
Amhara	Misrak Gojam	Debre Markos	29.0	22.9
Amhara	Bahir Dar	Bahr Dar	24.9	21.1
Oromiya	Misrak Wellega	Nekemte	23.3	21.1
Oromiya	Jimma zone	Jimma	24.4	21.2
Oromiya	Misrak Shewa	Debre Zeif	27.4	21.5
Oromiya	Misrak Shewa	Nazareth	24.7	22.0
Oromiya	Misrak Shewa	Shashamane	23.7	20.7
Oromiya	Arssi	Assela	22.7	21.1
SNNP	Sidama	Awasa	24.5	20.7
SNNP	Semen Omo	Arba Minch	24.5	20.5
Harari		Harar	24.3	21.7
Addis Ababa		Addis Ababa	24.0	20.9
Dire Dawa		Dire Dawa	23.8	21.3
		mean	25.0	21.7
		s.d.	1.5	0.9
		V.C.	6.2	4.3

Source: own calculations from 1994 Census

Table A.4.6.b.5 Mean Age of Male In-migrants by Area of Origin (Rural vs Urban)

Region	Zone	Cities	Urban	Rural
Tigray	Debubawi tigray	Mekele	26.9	31.4
Amhara	Semen Gondar	Gondar	33.3	33.3
Amhara	Debub Wello	Desse	31.7	36.9
Amhara	Debub Wello	Kombolcha	29.0	33.2
Amhara	Semen Shewa	Debre Berhan	32.4	34.6
Amhara	Misrak Gojam	Debre Markos	32.2	34.6
Amhara	Bahir Dar	Bahr Dar	30.0	31.7
Oromiya	Misrak Wellega	Nekemte	28.4	27.9
Oromiya	Jimma zone	Jimma	31.2	32.0
Oromiya	Misrak Shewa	Debre Zeif	34.5	36.8
Oromiya	Misrak Shewa	Nazareth	30.1	31.8
Oromiya	Misrak Shewa	Shashamane	30.5	31.0
Oromiya	Arssi	Assela	30.6	31.4
SNNP	Sidama	Awasa	30.2	29.9
SNNP	Semen Omo	Arba Minch	27.9	28.6
Harari		Harar	32.2	33.8
Addis Ababa		Addis Ababa	32.2	34.1
Dire Dawa		Dire Dawa	31.8	31.1
		mean	30.8	32.5
		s.d.	2.0	2.5
		V.C.	6.3	7.6

Source: own calculations from 1994 Census

Table A.4.6.b.6 Widowed and Divorced Females Aged 50 Years Per 100 Females of the Same Age

Region	Zone	Cities	Since Birth	New in-migrant
Tigray	Debubawi tigray	Mekele	4.2	11.1
Amhara	Semen Gondar	Gondar	5.6	8.7
Amhara	Debub Wello	Desse	5.6	8.1
Amhara	Debub Wello	Kombolcha	3.2	8.2
Amhara	Semen Shewa	Debre Berhan	2.0	8.2
Amhara	Misrak Gojam	Debre Markos	8.3	7.2
Amhara	Bahir Dar	Bahr Dar	1.3	11.0
Oromiya	Misrak Wellega	Nekemte	5.2	5.1
Oromiya	Jimma zone	Jimma	3.5	8.2
Oromiya	Misrak Shewa	Debre Zeif	2.9	8.4
Oromiya	Misrak Shewa	Nazareth	2.8	8.4
Oromiya	Misrak Shewa	Shashamane	1.2	8.3
Oromiya	Arssi	Assela	2.4	9.3
SNNP	Sidama	Awasa	0.4	5.6
SNNP	Semen Omo	Arba Minch	0.7	8.8
Harari		Harar	6.1	9.5
Addis Ababa		Addis Ababa	2.1	9.3
Dire Dawa		Dire Dawa	3.7	7.8
		mean	3.4	8.4
		s.d.	2.1	1.5
		V.C.	62.2	17.7

Source: own calculations from 1994 Census

Table A.4.6.c.1 Percentage of Muslims Out of Already Resident Population (Stable Population) and Out of New In-migrants

Region	Zone	Cities	Since Birth	New in-migrant
Tigray	Debubawi tigray	Mekele	105.4	50.2
Amhara	Semen Gondar	Gondar	178.4	115.7
Amhara	Debub Wello	Desse	401.5	354.6
Amhara	Debub Wello	Kombolcha	667.3	480.7
Amhara	Semen Shewa	Debre Berhan	39.5	25.6
Amhara	Misrak Gojam	Debre Markos	15.4	13.8
Amhara	Bahir Dar	Bahr Dar	134.8	77.8
Oromiya	Misrak Wellega	Nekemte	186.5	79.2
Oromiya	Jimma zone	Jimma	404.2	280.4
Oromiya	Misrak Shewa	Debre Zeif	28.4	66.7
Oromiya	Misrak Shewa	Nazareth	163.3	200.0
Oromiya	Misrak Shewa	Shashamane	151.0	204.6
Oromiya	Arssi	Assela	129.0	224.8
SNNP	Sidama	Awasa	33.3	49.0
SNNP	Semen Omo	Arba Minch	30.4	32.9
Harari		Harar	341.6	341.3
Addis Ababa		Addis Ababa	102.9	185.4
Dire Dawa		Dire Dawa	524.7	419.8
		mean	202.1	177.9
		s.d.	188.5	145.9
		V.C.	93.3	82.0

Source: own calculations from 1994 Census

Table A.4.6.c.2 Share of Muslim In-migrants by Area of Origin (Rural vs Urban)

Region	Zone	Cities	Urban	Rural
Tigray	Debubawi tigray	Mekele	65.6	34.4
Amhara	Semen Gondar	Gondar	49.0	51.0
Amhara	Debub Wello	Desse	37.1	62.9
Amhara	Debub Wello	Kombolcha	47.3	52.7
Amhara	Semen Shewa	Debre Berhan	47.2	52.8
Amhara	Misrak Gojam	Debre Markos	83.6	16.4
Amhara	Bahir Dar	Bahr Dar	47.7	52.3
Oromiya	Misrak Wellega	Nekemte	56.5	43.5
Oromiya	Jimma zone	Jimma	35.2	64.8
Oromiya	Misrak Shewa	Debre Zeif	43.7	56.3
Oromiya	Misrak Shewa	Nazareth	37.5	62.5
Oromiya	Misrak Shewa	Shashamane	41.5	58.5
Oromiya	Arssi	Assela	29.6	70.4
SNNP	Sidama	Awasa	60.6	39.4
SNNP	Semen Omo	Arba Minch	62.8	37.2
Harari		Harar	44.7	55.3
Addis Ababa		Addis Ababa	28.9	71.1
Dire Dawa		Dire Dawa	43.4	56.6
		mean	47.9	52.1
		s.d.	13.8	13.8
		V.C.	28.7	26.4

Source: own calculations from 1994 Census

Table A.4.6.d.1 Proportion of Illiterates Among Population Aged 5 and Over Out of Already Resident Population (Stable Population) and Out of New In-migrants (Per 1,000 Population Aged 5 and Over)

Region	Zone	Cities	Since Birth	New in-migrant
Tigray	Debubawi tigray	Mekele	400.5	308.0
Amhara	Semen Gondar	Gondar	262.1	385.1
Amhara	Debub Wello	Desse	224.0	257.8
Amhara	Debub Wello	Kombolcha	315.2	313.6
Amhara	Semen Shewa	Debre Berhan	220.5	287.3
Amhara	Misrak Gojam	Debre Markos	305.1	343.7
Amhara	Bahir Dar	Bahr Dar	296.2	386.5
Oromiya	Misrak Wellega	Nekemte	295.1	210.7
Oromiya	Jimma zone	Jimma	243.9	238.9
Oromiya	Misrak Shewa	Debre Zeif	211.4	219.3
Oromiya	Misrak Shewa	Nazareth	219.1	252.7
Oromiya	Misrak Shewa	Shashamane	299.1	338.4
Oromiya	Arssi	Assela	202.8	176.5
SNNP	Sidama	Awasa	257.6	201.1
SNNP	Semen Omo	Arba Minch	260.4	274.6
Harari		Harar	211.0	84.9
Addis Ababa		Addis Ababa	147.0	83.9
Dire Dawa		Dire Dawa	311.2	107.8
		mean	260.1	248.4
		s.d.	58.0	93.4
		V.C.	22.3	37.6

Source: own calculations from 1994 Census

Table A.4.6.d.2 Proportion of Population with 12^h Grade Education and Above Completed (Per 1,000 Population Aged 5 and Over)

Region	Zone	Cities	Since Birth	New in-migrant
Tigray	Debubawi tigray	Mekele	6.3	54.7
Amhara	Semen Gondar	Gondar	11.2	76.1
Amhara	Debub Wello	Desse	9.8	29.5
Amhara	Debub Wello	Kombolcha	4.6	30.1
Amhara	Semen Shewa	Debre Berhan	8.7	57.4
Amhara	Misrak Gojam	Debre Markos	8.8	53.7
Amhara	Bahir Dar	Bahr Dar	9.4	107.6
Oromiya	Misrak Wellega	Nekemte	8.1	46.4
Oromiya	Jimma zone	Jimma	8.3	91.6
Oromiya	Misrak Shewa	Debre Zeif	17.3	83.3
Oromiya	Misrak Shewa	Nazareth	9.7	38.5
Oromiya	Misrak Shewa	Shashamane	5.7	23.8
Oromiya	Arssi	Assela	6.0	53.8
SNNP	Sidama	Awasa	10.1	125.6
SNNP	Semen Omo	Arba Minch	7.9	60.8
Harari		Harar	143.3	205.1
Addis Ababa		Addis Ababa	208.2	170.6
Dire Dawa		Dire Dawa	90.2	113.7
		mean	31.9	79.0
		s.d.	56.9	49.7
		V.C.	178.4	62.8

Source: own calculations from 1994 Census

Table A.4.6.e.1 Activity Rates and Percent of Already Resident Population (Stable Population) and New In-migrants

Region	Zone	Cities	Since Birth	New in-migrant
Tigray	Debubawi tigray	Mekele	24.0	47.9
Amhara	Semen Gondar	Gondar	35.4	47.9
Amhara	Debub Wello	Desse	34.0	46.4
Amhara	Debub Wello	Kombolcha	35.9	50.8
Amhara	Semen Shewa	Debre Berhan	33.5	53.0
Amhara	Misrak Gojam	Debre Markos	40.2	51.9
Amhara	Bahir Dar	Bahr Dar	33.3	55.1
Oromiya	Misrak Wellega	Nekemte	39.7	45.7
Oromiya	Jimma zone	Jimma	35.0	52.4
Oromiya	Misrak Shewa	Debre Zeif	33.2	43.6
Oromiya	Misrak Shewa	Nazareth	35.7	50.9
Oromiya	Misrak Shewa	Shashamane	31.5	51.9
Oromiya	Arssi	Assela	35.0	41.6
SNNP	Sidama	Awasa	24.2	55.7
SNNP	Semen Omo	Arba Minch	24.5	57.1
Harari		Harar	39.9	49.5
Addis Ababa		Addis Ababa	42.5	61.3
Dire Dawa		Dire Dawa	43.5	63.7
		mean	34.5	51.5
		s.d.	5.8	5.7
		V.C.	16.7	11.2

Source: own calculations from 1994 Census

Table A.4.6.e.2 Activity Rates and Percent of Population by Area of Origin (Rural vs Urban).

Region	Zone	Cities	Urban	Rural
Tigray	Debubawi tigray	Mekele	63.5	36.5
Amhara	Semen Gondar	Gondar	47.7	52.3
Amhara	Debub Wello	Desse	47.0	53.0
Amhara	Debub Wello	Kombolcha	59.5	40.5
Amhara	Semen Shewa	Debre Berhan	40.8	59.2
Amhara	Misrak Gojam	Debre Markos	46.1	53.9
Amhara	Bahir Dar	Bahr Dar	43.7	56.3
Oromiya	Misrak Wellega	Nekemte	61.1	38.9
Oromiya	Jimma zone	Jimma	46.9	53.1
Oromiya	Misrak Shewa	Debre Zeif	47.6	52.4
Oromiya	Misrak Shewa	Nazareth	51.0	49.0
Oromiya	Misrak Shewa	Shashamane	48.5	51.5
Oromiya	Arssi	Assela	49.9	50.1
SNNP	Sidama	Awasa	59.1	40.9
SNNP	Semen Omo	Arba Minch	37.7	62.3
Harari		Harar	38.5	61.5
Addis Ababa		Addis Ababa	59.5	40.5
Dire Dawa		Dire Dawa	46.9	53.1
		mean	49.7	50.3
		s.d.	7.8	7.8
		V.C.	15.7	15.5

Source: own calculations from 1994 Census

Table A.4.6.e.3 Activity Rates and Percent of Population by Kind of Employment.

Region	Zone	Cities	Government employee	Unpaid family worker
Tigray	Debubawi tigray	Mekele	34,3	2,5
Amhara	Semen Gondar	Gondar	21,1	8,3
Amhara	Debub Wello	Desse	22,5	3,3
Amhara	Debub Wello	Kombolcha	37,5	4,9
Amhara	Semen Shewa	Debre Berhan	26,2	2,5
Amhara	Misrak Gojam	Debre Markos	20,1	10,1
Amhara	Bahir Dar	Bahr Dar	27,6	5,5
Oromiya	Misrak Wellega	Nekemte	28,9	6,1
Oromiya	Jimma zone	Jimma	28,5	6,1
Oromiya	Misrak Shewa	Debre Zeif	33,0	2,9
Oromiya	Misrak Shewa	Nazareth	18,6	4,8
Oromiya	Misrak Shewa	Shashamane	13,5	4,2
Oromiya	Arssi	Assela	28,4	4,8
SNNP	Sidama	Awasa	41,8	1,3
SNNP	Semen Omo	Arba Minch	32,4	2,4
Harari		Harar	41,0	2,4
Addis Ababa		Addis Ababa	37,4	1,5
Dire Dawa		Dire Dawa	35,3	1,5
		mean	29,3	4,2
		s.d.	8,0	2,4
		V.C.	27,2	58,0

Source: own calculations from 1994 Census

Table A.4.6.f.1 Average Number of Households Per Housing Unit.

Region	Zone	Cities	New in-migrant	Total
Tigray	Debubawi tigray	Mekele	1.2	1.1
Amhara	Semen Gondar	Gondar	1.5	1.1
Amhara	Debub Wello	Desse	1.4	1.1
Amhara	Debub Wello	Kombolcha	1.1	1.0
Amhara	Semen Shewa	Debre Berhan	1.5	1.2
Amhara	Misrak Gojam	Debre Markos	1.1	1.0
Amhara	Bahir Dar	Bahr Dar	1.4	1.1
Oromiya	Misrak Wellega	Nekemte	1.3	1.1
Oromiya	Jimma zone	Jimma	1.4	1.1
Oromiya	Misrak Shewa	Debre Zeif	1.5	1.1
Oromiya	Misrak Shewa	Nazareth	1.2	1.1
Oromiya	Misrak Shewa	Shashamane	1.0	1.0
Oromiya	Arssi	Assela	1.0	1.0
SNNP	Sidama	Awasa	1.1	1.0
SNNP	Semen Omo	Arba Minch	1.0	1.0
Harari		Harar	1.0	1.0
Addis Ababa		Addis Ababa	1.3	1.1
Dire Dawa		Dire Dawa	1.3	1.1
		mean	1.2	1.1
		s.d.	0.2	0.1
		V.C.	15.2	4.7

Source: own calculations from 1994 Census

Table A.4.6.f.2 Average Number of Persons Per Household

Region	Zone	Cities	New in-migrant	Total
Tigray	Debubawi tigray	Mekele	5.8	5.9
Amhara	Semen Gondar	Gondar	6.4	6.5
Amhara	Debub Wello	Desse	5.9	6.3
Amhara	Debub Wello	Kombolcha	5.0	5.5
Amhara	Semen Shewa	Debre Berhan	5.1	5.8
Amhara	Misrak Gojam	Debre Markos	6.5	6.3
Amhara	Bahir Dar	Bahr Dar	5.9	6.3
Oromiya	Misrak Wellega	Nekemte	6.0	6.5
Oromiya	Jimma zone	Jimma	5.9	6.3
Oromiya	Misrak Shewa	Debre Zeif	5.9	6.2
Oromiya	Misrak Shewa	Nazareth	6.1	6.6
Oromiya	Misrak Shewa	Shashamane	6.3	6.9
Oromiya	Arssi	Assela	5.4	6.1
SNNP	Sidama	Awasa	5.5	6.6
SNNP	Semen Omo	Arba Minch	5.4	6.1
Harari		Harar	5.8	5.2
Addis Ababa		Addis Ababa	6.4	6.4
Dire Dawa		Dire Dawa	5.6	5.5
		mean	5.8	6.2
		s.d.	0.4	0.4
		V.C.	7.4	6.9

Source: own calculations from 1994 Census