

PROVISIONAL MILITARY GOVERNMENT OF
SOCIALIST ETHIOPIA
CENTRAL STATISTICAL OFFICE

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ADDIS ABABA MANPOWER AND HOUSING
SAMPLE SURVEY-DEC. 1976

ADDIS ABABA, AUGUST 1977

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PROVISIONAL MILITARY GOVERNMENT OF
SOCIALIST ETHIOPIA
CENTRAL STATISTICAL OFFICE
P.O. BOX 1143, ADDIS ABABA

MANPOWER AND HOUSING SAMPLE SURVEY

ADDIS ABABA - DECEMBER 1976

INTRODUCTION

Addis Ababa, the capital city of Ethiopia, had an estimated population of about 1,100,000 based on the Manpower and Housing Sample Survey for December 1976, having a coefficient of variation of 3.8 percent. With an area of 218 KM it has about 47 percent of the 2,300,000 persons living in the urban centres having 20,000 persons and over. (Including Addis Ababa there are 25 such urban centres in the country). Integrated and comprehensive social and economic programmes aimed at solving such problems require reliable and up-to-date data and with this in mind the Manpower and Housing Sample Survey was launched in Addis Ababa in December 1976.

COVERAGE AND DESIGN

The city of Addis Ababa has been delineated into 1301 enumeration areas for the purpose of population census, of which the survey covered 100 enumeration areas selected on a probability sample. The number and percentage distribution of the selected sample enumeration areas are given below:-

WEREDA	Total delineated Enumeration areas	Total Number of Selected EA's	% of Selected EA's in Sample
Gulele	100	8	8.0
Gefersa	106	9	8.5
Bole	180	14	7.8
Lideta	79	5	6.3
Yeka	127	5	3.9
Tekle-Haimanot	252	24	9.5
Arada	76	6	7.9
Entoto	117	8	6.8
Mekakelegna	162	15	9.3
Kolfe	102	6	5.9
ADDIS ABABA	1,301	100	7.7

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II

The survey was a stratified two stage design with enumeration areas as first stage units and households as second stage units.

Taking into consideration the available manpower, financial resources and time, it was decided to select 100 enumeration areas which were distributed in the 10 weredas by proportional allocation. (Number of housing units in each wereda was used for the purpose, since it was the only information available). Then, enumeration areas were selected with probability proportional to size, size being again the number of housing units in each enumeration area. In each selected enumeration area, a complete list of households was produced and a sub-sample of households was randomly selected such that the design becomes self-weighted. That is, all ultimate sampling units (households) were given the same constant multiplier.

On the basis of the design 1,038 households were covered. The estimation of standard errors, and coefficient of variation for selected characteristics are shown in the appendix.

CONTENTS OF THE SURVEY

The questionnaires administered to the sample enumeration areas were in Amharic, and an English version is appended.

A complete listing of all housing structures, housing units and households was done in all the selected 100 enumeration areas using a detailed listing schedule. However, for the sample enumeration of households residential and partly residential housing units only, were covered. Consequently, two enumeration areas in Teklehaimanot Wereda, which were completely non-residential were excluded. The two enumeration areas were found in the "Addis Gebeya" locality, Addis Ababa's main market place.

The questionnaires administered on the sample households dealt with the following:-

1. General characteristics of household members.
2. Data on employment for persons who reported as working during the previous week.

3. Unemployment questions for persons who reported as unemployed for the previous week.
4. Data on household income by source for the previous month and household possession of radio, phone and T.V. sets.
5. Data on housing characteristics and conditions.

DURATION OF THE SURVEY AND MANPOWER DEPLOYED

The survey field work started with the identification of enumeration areas on November 26, 1976. The identification of enumeration areas took two days. Actual listing started on November 29, 1976 and listing and sample enumeration was completed by December 24, 1976. The survey field work took nearly one month.

Fifty regular enumerators and six supervisors were deployed in the field work. Each enumerator was assigned two enumeration areas that were as close to each other as possible. The arrangement was such that an enumerator was to complete listing and sample enumeration in the first enumeration area before proceeding to the next one.

PRESENTATION OF THE BULLETIN

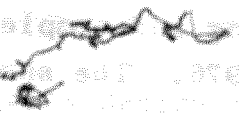
To reduce the time taken in analysis and to release the information in time, the data are presented in tabular form.

The bulletin has four sections. Section I deals with population characteristics and consists of 14 tables, three of which are related to household income and possession of communication equipment. Section II deals with employed persons and contains 14 tables which give detailed information on the level, composition and characteristics of employed persons. Section III deals with unemployed persons and consists of 11 tables which provide information on various characteristics of

IV

unemployed persons. Section IV deals with housing characteristics and the 14 tables provide information on the size and condition of housing units in the city. Finally, the questionnaires used, sample estimates as well as a map showing the selected enumeration areas are attached.

The Central Statistical Office welcomes queries, comments and suggestions as regards the survey design, objectives, contents and related aspects of the survey.



The survey field work started with the identification of enumeration areas on November 24, 1970. The identification of enumeration areas took two days. Actual listing started on December 2, 1970 and listing of enumeration areas was completed by December 24, 1970. The survey field work was nearly one month.

Fifty regular enumerators and six supervisors were assigned in the field work. Each enumerator was assigned two enumeration areas that were as close to each other as possible. The strategy used was such that an enumerator was to complete listing and sample enumeration in the first enumeration area before proceeding to the next one.

WHAT IS WRITTENSHOULD READ

p. I first paragraph, fourth line	218 KM	218 km ²
p. II second paragraph, last line	samling	sampling
p. III second paragraph, first line		
p. 3 Table 1. ^{identification} Not stated should come before 80 & over		identification
p. 5 Table 3.	language refers to mother tongue.	
p. 8 Table 6.	second line of note	
	00	"00"
p. 11 Table 9, heading and column	higest grade 1-6, 7-8,9,12	highest grades 1-6, 7-8, 9-12
p.22 Table 5, column	Administrative & Managere	Administrative & Managerial
p.29 Table 11, heading	grade complited:	grade completed
p. 34 Table 2 - heading	Duration of unemployment	Duration of unemployment in years
p. 48 Table 5, column	house owner elsewhere	house owned elsewhere
Appendix A, last paragraph, second line	as apposed	as opposed

Note:-

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APPENDIX

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABEBA

TABLE 1 POPULATION BY AGE-GROUP AND SEX

AGE-GROUP	MALE	FEMALE	TOTAL
00	17846	14593	32439
01	17443	13522	30965
02	18256	15891	34147
03	14556	19416	33972
04	12488	15606	28094
0 - 4	80589	79028	159617
05	16445	13558	30003
06	15796	12494	28290
07	15324	16501	31825
08	14943	15649	30592
09	13004	15187	28191
5-09	75512	73389	148901
10	19475	14925	34400
11	9929	14575	24504
12	15354	16406	31760
13	12110	19526	31636
14	11662	15323	26985
10-14	68530	80755	149285
15	14598	18285	32883
16	14251	18720	32971
17	11808	13887	25695
18	17400	20739	38139
19	11337	13082	24419
15-19	69394	84713	154107
20	14620	17361	31981
21	6083	7714	13797
22	7580	14405	21985
23	6425	9777	16202
24	7419	8415	15834
20-24	42127	57672	99799
25	10465	17112	27577
26	8008	7592	15600
27	8407	9410	17817
28	9951	11248	21199
29	6631	6457	13088
25-29	43462	51819	95281
30	13207	14722	27929
31	3847	1831	5678
32	9209	8929	18138

TABLE 1 POPULATION BY AGE-GROUP AND SEX

AGE-GROUP	MALE	FEMALE	TOTAL
33	4568	3755	8323
34	5259	3789	9048
30-34	36090	33026	69116
35	9943	11318	21261
36	5360	5513	10873
37	4392	4112	8504
38	6892	7806	14698
39	4736	3243	7979
35-39	31323	31992	63315
40	11706	9259	20965
41	3565	2386	5951
42	5701	4372	10073
43	3547	2841	6388
44	1904	2041	3945
40-44	26423	20899	47322
45	4972	6378	11350
46	3534	3062	6596
47	2814	2377	5191
48	3165	4213	7378
49	1406	2110	3516
45-49	15891	18140	34031
50	3785	6492	10277
51	1412	725	2137
52	2781	2145	4926
53	1686	946	2632
54	691	247	938
50-54	10355	10555	20910
55	1177	3799	4976
56	2237	2296	4533
57	729	1440	2169
58	1669	1559	3228
59	697	485	1182
55-59	6509	9579	16088
60	1081	5496	6577
61	945	482	1427
62	1123	700	1823
63	955	224	1179
64	729	468	1197
60-64	4833	7370	12203

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE I POPULATION BY AGE-GROUP AND SEX

AGE-GROUP	MALE	FEMALE	TOTAL
65	1223	1662	2885
66	949	384	1333
67	1638	700	2338
68	948	1434	2382
69	976	727	1703
65-69	5734	4907	10641
70	2010	5401	7411
71	139		139
72	606	486	1092
73	467	236	703
74	224	478	702
70-74	3446	6601	10047
75	472	1460	1932
76		245	245
77	375	139	514
78	718		718
79	249		249
75-79	1814	1844	3658
80	1308	963	2276
81	139		139
82	232	247	479
83	246	224	470
84		234	234
85	241	234	475
86		230	238
87		244	244
88		478	478
89			
90			
91			
92			
NOT STATED	497		497
80+ OVER	/2166	2389	4555
TOTAL	524695	575156	1099851

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE 2- POPULATION BY MARITAL STATUS AGE GROUP AND SEX

AGE GROUP	SEX	SINGLE	MARRIED	WIDOWED	DIVORCED	NS	TOTAL
10-14	M	68289			241		68530
	F	79822	238		673		80733
	M+F	148111	238		914		149263
15-19	M	68709	485				69194
	F	68495	10918	240	5060		84713
	M+F	137204	11403	240	5060		154107
20-24	M	34955	6457		715		42127
	F	15087	28360	720	13244	261	57672
	M+F	50042	34817	720	13958	261	99799
25-29	M	19300	22432		1680		43412
	F	4833	35214	1914	9597	261	51819
	M+F	24133	57646	1914	11277	261	95281
30-34	M	6146	26680	245	3019		36090
	F	982	24911	2370	4763		33026
	M+F	7128	51591	2615	7782		69116
35-39	M	2018	26639		1829	237	31323
	F	491	20920	2143	8189	249	31992
	M+F	3109	47559	2143	10018	486	63315
40-44	M	1104	23171	227	1901		26423
	F	889	10702	3940	5519	249	20899
	M+F	1993	33873	3767	7420	249	47322
45-49	M		14675	247	949		15871
	F	241	7177	4209	6513		18140
	M+F	241	21872	4458	7462		34031
50-54	M		7153		1202		10355
	F	231	4017	3993	3314		10555
	M+F	231	12170	3993	4516		20910
55-59	M		4875	478	1156		6509
	F	245	2621	2300	4413		9579
	M+F	245	7496	2778	5569		16086
60-64	M	231	3650	482	460		4833
	F		2520	2583	2167		7370
	M+F	231	6180	3165	2627		12203
65-69	M		4300	720	714		5734
	F		1095	2623	1187		4907
	M+F		5395	3343	1901		10641
70-74	M	461	2298		587		3446
	F		1002	4874	725		6601
	M+F	461	3300	4874	1312		10047
75-79	M		1342		472		1814
	F			1844			1844
	M+F		1342	2316			3658
80 & OVER	M	226	371	1100	459		2156
	F			2155	234		2339
	M+F	226	371	3255	703		4555
NOT STATED	M	240	257				497
	F		242	236			478
	M+F	240	499	236			975
TOTAL	M	202479	146883	3971	15022	237	358594
	F	171316	148737	35846	55520	1020	422739
	M+F	373795	295620	39817	80542	1257	781333

MANPOWER AND HOUSING SAMPLE SURVEY - ADULTS ABEGA

TABLE 3 -- POPULATION BY LANGUAGE, AGE GROUP AND SEX

LANGUAGE	SEX	A G E G R O U P									NS	TOTAL
		0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+			
DROMIGNA	M	25977	21471	16324	18363	7929	2257	3121	1539			
	F	33298	28210	24736	11550	8774	3077	2812	1755		257	97238
	M+F	59275	49681	41060	29913	16703	5334	5933	3304		257	114222
AMARGNA	M	81848	67922	39228	28199	24270	9144	3605	3990		240	258446
	F	79797	92857	59325	40278	24504	11841	6162	5204		478	321446
	M+F	161645	160779	98553	68477	48774	20985	9767	10194		718	579892
TIGRIGNA	M	11638	6690	6584	6596	2055	948	1214	463			34189
	F	9081	13861	9138	5029	954	247	236	699			39255
	M+F	20719	20551	13722	11625	3020	1195	1450	1162			73444
GURAGIGNA	M	26621	31717	20025	10129	5883	2530	1654	229			98888
	F	24481	25337	12488	6189	3102	1656	958	965			75176
	M+F	51102	57054	32513	16318	8985	4286	2612	1194			174064
WOLAYTEGNA	M	2546	2827	718	1211	959	472	732	491			9956
	F	1424	1406	1191	234	482	1158	888	476			7269
	M+F	3970	4233	1909	1445	1441	1640	1620	967			17225
DORZIGNA	M	4848	4196	3254	1695	246	458					14697
	F	1946	704	1387	994		465					5745
	M+F	6794	4900	4641	2689	246	923			249	249	20442
OTHER LANG	M	942	2378	1223	720	735	481					6952
	F	1428	2377	724	242	977	1419	1221	473			8864
	M+F	2370	4755	1947	962	1712	1900	1221	949			15816
FORIEGN LANG	M	1681	723	233	500	236	474					4329
	F	962	716	502	502	236	261	241	241			3179
	M+F	2643	1439	735	1002	472	735	241	241			7508
TOTAL	M	156101	137924	85589	67413	42314	16864	10567	7426		497	524695
	F	152417	165468	109491	65018	39039	20134	12277	10834		478	575156
	M+F	308518	303392	195080	132431	81353	36998	22844	18260		975	1099851

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MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA
TABLE 4. POPULATION BY BIRTH PLACE AGE GROUP AND SEX

Birth Place	Sex	A G E G R O U P									Total
		0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+	NS	
Addis Ababa	M	139,003	82,947	19,290	8,304	5,743	3,913	471	889	-	260,360
	F	133,565	91,502	22,959	12,853	7,637	2,219	1,550	717	-	
	T	272,368	174,449	42,249	21,157	13,400	6,142	2,021	1,606	-	
Arssi	M	253	488	1,222	714	-	-	-	-	-	3,543
	F	988	1,184	1,889	470	455	254	-	-	257	
	T	1,239	1,672	3,111	1,184	455	485	-	-	257	
Bale	M	-	-	704	244	-	-	-	-	-	948
	F	-	238	228	228	659	-	-	-	241	
	T	-	238	932	472	959	-	-	-	241	
Eritrea	M	949	1,914	1,689	3,082	1,189	228	973	232	-	10,267
	F	1,455	2,892	3,639	2,167	478	247	236	232	-	
	T	2,404	4,806	5,328	5,249	1,676	475	1,211	464	-	
Hararge	M	242	2,100	1,418	1,711	928	-	380	232	-	17,811
	F	1,208	3,345	3,076	1,456	970	-	468	239	-	
	T	1,450	3,445	4,494	3,167	1,898	-	848	471	-	
Gamo Gofa	M	236	3,917	2,801	2,400	499	-	458	475	231	11,017
	F	456	1,170	1,889	1,474	988	-	937	231	721	
	T	692	5,087	4,690	3,874	1,487	1,395	706	952	-	
Gojjam	M	154	1,893	3,101	2,014	1,826	466	154	232	-	9,842
	F	241	2,164	3,382	3,024	1,370	633	238	-	-	
	T	395	4,059	6,483	5,038	3,396	1,099	392	232	-	
Gondar	M	-	876	1,216	1,198	474	-	-	-	-	3,764
	F	245	4,569	3,575	1,209	241	238	-	-	-	
	T	245	5,445	4,791	2,407	715	238	-	-	485	
Illubabor	M	240	241	480	243	224	-	231	-	-	1,661
	F	240	702	947	228	-	-	-	-	-	
	T	480	943	1,427	473	224	-	231	-	-	
Keffa	M	243	232	466	491	463	461	245	-	-	1,661
	F	-	704	462	481	242	1,179	751	475	-	
	T	243	936	928	972	705	1,640	996	475	-	
Shoa	M	10,228	35,967	39,232	33,274	23,735	7,285	6,686	4,406	-	160,813
	F	9,919	38,498	44,361	32,591	21,396	11,030	6,735	6,045	242	
	T	20,147	74,465	83,593	65,865	45,131	18,315	13,421	10,451	242	
Sidamo	M	1,194	3,107	1,664	730	1,191	245	-	491	-	8,622
	F	1,921	3,603	1,692	716	740	937	880	479	-	
	T	3,115	6,710	3,356	1,446	1,931	1,182	880	970	-	
Tigray	M	976	227	2,172	3,533	858	948	239	231	-	9,184
	F	-	5,238	5,558	2,865	485	-	-	467	-	
	T	976	5,465	7,730	6,398	1,343	948	239	698	-	
Wollega	M	944	234	1,231	1,184	1,200	712	479	-	-	5,984
	F	724	982	478	481	491	468	236	-	-	
	T	1,668	1,216	1,709	1,665	1,619	1,180	715	-	-	
Wello	M	969	3,779	8,423	7,810	3,284	1,654	-	241	240	26,400
	F	1,657	8,193	15,389	4,535	2,822	1,649	952	733	236	
	T	2,626	11,972	24,012	12,345	6,106	3,303	952	974	476	
Outside Ethiopia	M	244	-	233	247	236	240	-	241	-	1,441
	F	-	-	-	-	-	-	-	-	-	
	T	244	-	233	247	236	240	-	241	-	
Not Stated	M	226	-	247	232	-	-	232	-	-	937
	F	-	484	-	240	-	-	-	-	-	
	T	226	484	247	472	-	356	232	-	-	
Total	M	156,101	137,924	85,589	67,413	42,314	16,864	10,567	7,428	497	524,695
	F	152,417	165,468	109,491	65,018	39,039	20,134	12,277	10,834	478	
	T	308,518	303,392	195,080	132,431	81,353	36,998	22,844	18,260	975	

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TABLE 5 -- CURRENTLY MARRIED WOMEN BY AGE GROUP AND DURATION OF MARRIAGE

DURATION OF MARRIAGE	A G E G R O U P							NS	TOTAL
	10-19	20-29	30-39	40-49	50-59	60-69	70+		
00									
01	1887	3040	471						5398
02	2136	4497	688						7321
03	2140	4265	1170						8037
04	2108	5363	1173		231	231			8644
05	1406	6662	1721	238					10027
06	237	5845	720	452					7264
07		4703	2140						6843
08		2836	1193	453	237				4729
09		2881	1717						4598
10		4797	2150	477					7424
11		5888	2777	477					9142
12		2986	1114						4331
13	253	1792	947	857		231			3849
14		1873	463						2336
15		982	1954						2936
16		1581	3360	391	243	253			5828
17		1392	3085	707	254				5438
18		734	1875	1958					4477
19		254	3443		370				4067
20		232	1207	236					1675
21			4253	1120	693				6068
22			1879	232					1911
23		253	715	1178					2140
24			1779	753					2522
25			470	455	240	238			1921
26			713	720	234	237			1904
27			728	1440					2168
28			232	459					691
29			226	224					450
30				247					247
31			478	1603	533				2714
32				224	232				456
33				483		476			959
34				481			243		724
35				709					709
36				448	231				679
38				458	227	371			1056
39					244				244
40				224					224
41					244	236			480
42					473	245			718
45					247	236			483
50					372	469	139		1222
51						139		242	139
55						250			250
56									232
99							232		232
TOTAL	989	718	1182	245		234		242	3378
	11156	63574	45831	17879	5638	3615	1002	242	148937

TABLE 6 -- POPULATION BY LENGTH OF CONTINUOUS RESIDENCE AGE GROUP AND SEX

LENGTH OF CONTINUOUS RESIDENCE	SEX	A G E G R O U P									NS	TOTAL
		0 - 9	10-19	20-29	30-39	40-49	50-59	60-69	70+			
AA*	M	135956	80721	17146	7176	4390	2952	244	643			249258
	F	129890	88735	19796	10962	6963	2289	1361	725			260921
	M+F	265876	169456	36942	18138	11353	5241	1805	1368			510179
00	M	5197	4875	1929	1407	924	231	227	238			15028
	F	5747	9593	5808	941		472	244				22805
	M+F	10944	14468	7737	2348	924	703	471	238			37833
01	M	3895	7312	3534	2142	715	238	245	477			18556
	F	4247	11367	4519	1889	240	240	701	495			23698
	M+F	8142	18679	8053	4031	955	478	946	972			42254
02	M	2366	6453	4993	2823			474	229			17338
	F	2840	7830	5493	1180	234		231	457			18265
	M+F	5206	14283	10486	4003	234		705	686			35603
03	M	1940	5932	4532	965	1398	231					14998
	F	1670	10322	5480	1679	946	229	707	477			21510
	M+F	3610	16254	10012	2644	2344	460	707	477			36508
04	M	2138	5217	6224	1190	958		490	232			16449
	F	2750	7121	7427	958	1488	714		239			20697
	M+F	4888	12338	13651	2148	2446	714	490	471			37146
05	M	1702	4277	3278	2903	701	474		139			13474
	F	956	4987	10061	1184		240		139			17567
	M+F	2658	9264	13339	4087	701	714		278			31041
06	M	1204	3815	3981	2037	497	245		241			12020
	F	1204	2382	7158	1639	635	236	228				13482
	M+F	2408	6197	11139	3676	1132	481	228	241			25502
07	M	490	3413	3956	3770	700	476					12815
	F	1417	3603	5689	1421	465	231	489				13319
	M+F	1907	7016	9645	5191	1165	707	489				26130
08	M	244	2629	6936	2968	711		238	232			13958
	F	509	1905	4675	1170			731	238			9228
	M+F	753	4534	11611	4138	711		969	470			23186
09	M		2661	3532	3333	976	231					10733
	F	257	2392	4322	1659	243						8873
	M+F	257	5053	7854	4992	1219	231					19606
10 - & OVER	M		10619	23848	35248	29177	11571	8164	4995	497		124119
	F		13788	27171	39858	27825	14515	7385	7828	478		138848
	M+F		24407	51019	75106	57002	26086	15549	12823	975		262967
NOT STATED	M	939		1690	1451	1167	217	485				5949
	F	930	1443	1892	478		968					5947
	M+F	1869	1443	3582	1929	1167	1185	485	236			11896
TOTAL	M	156101	137924	85589	67413	42314	16884	10567	7426	497		524695
	F	152417	165468	109491	65018	39039	20134	12277	10834	478		575156
	M+F	308518	303392	195080	132431	81353	36998	22844	18260	975		1099851

* NOTE 1
AA STANDS FOR THOSE WHO REPORTED AS BORN IN ADDIS ABABA AND RESIDED THERE UP TO THE SURVEY DATE ;
00 MEANS MIGRANTS WHO RESIDED IN ADDIS ABABA FOR LESS THAN A YEAR AT THE SURVEY DATE ; 01 MEANS
MIGRANTS WHO RESIDED IN ADDIS ABABA FOR AT LEAST ONE YEAR etc...

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TABLE 7--LITERACY BY AGE GROUP AND SEX

AGE GROUP	SEX	L I T E R A C Y				TOTAL
		LITERATE	READ ONLY	ILLITERATE	NOT STATED	
10-14	M	58718	2839	6819		
	F	59153	3353	18249	154	98530
	M+F	117871	6192	25068		80755
15-19	M	55117	1663	12387	154	149285
	F	52624	2177	29912		69394
	M+F	107741	3840	42299	227	84713
20-24	M	31708	1155	9030	227	154107
	F	22505	1928	33003		42127
	M+F	54213	3083	42033	234	57672
25-29	M	28673	1176	13613	236	99799
	F	13241	2188	36154		43462
	M+F	41914	3364	49767	236	51819
30-34	M	24730	1438	9922	236	95281
	F	7878	261	24667		36090
	M+F	32608	1699	34589	220	33026
35-39	M	19278	1670	10375	220	69116
	F	3851	464	27677		31323
	M+F	23129	2134	38052	220	31992
40-44	M	14797	1002	10624		63315
	F	953	1245	18228		26423
	M+F	15750	2247	28852	473	20899
45-49	M	8143	945	6591	473	47322
	F	947	492	16477		15891
	M+F	9090	1437	23038	224	18140
50-54	M	5205	1143	4007	466	34031
	F	261	479	9815		10355
	M+F	5466	1622	13822	466	10555
55-59	M	1812		4697		20910
	F			9579		6509
	M+F	1812		14276		9579
60-64	M	2276	252	2305		16088
	F	228		7142		4833
	M+F	2504	252	9447		7370
65-69	M	2376		3358		12203
	F			4907		5734
	M+F	2376		8265		4907
70-74	M	460		2906		10641
	F	236		6145	220	3446
	M+F	696		9131	220	6601
75-79	M	963		851		10047
	F	239		1605		1814
	M+F	1202		2456		1044
80 & OVER	M	473		1467		3658
	F		231	2158	226	2166
	M+F	473	231	3625	226	2389
NOT STATED	M	497				4555
	F			478		497
	M+F	497		478		478
TOTAL	M	255226	13283	99002	1083	368594
	F	162116	12818	246196	1609	422739
	M+F	417342	26101	345198	2692	791333

TABLE 8 - LITERATE POPULATION BY AGE GROUP, SEX AND TYPE OF SCHOOL ATTENDED

SCHOOL TYPE	SEX	AGE GROUP								TOTAL
		10-19	20-29	30-39	40-49	50-59	60-69	70+	NS	
PRIEST/KORANIC	M									
	F	3093	8338	15105	10203	4856	3237	1896		
	M+F	4025	5323	1700	1716	249	228	706	257	46995
ELEMENTARY	M	7118	13661	14809	11919	5115	3465	2602	257	13947
	F									60942
	M+F	76972	21499	11576	5876	1212	720			117855
JUNIOR SECONDARY	M	77287	13584	5243	728					96842
	F	154259	35083	16819	6004	1212	720			214697
	M+F									36289
ACADEMIC SECONDARY	M	22215	7635	3550	7197	465	247			29164
	F	18260	4989	1654						61453
	M+F	40475	12644	5204	2157	726	247			36518
COMERCIAL SECONDARY	M	12219	15689	4725	2398	467				22211
	F	12461	7839	1895						58729
	M+F	24680	24544	6620	2398	467				1200
TECHNICAL SECONDARY	M	783	503	697						5121
	F	783	3622	480	236					6321
	M+F		4125	1177	236					2656
COMPREHENSIVE SECONDARY	M		1203	1222	231					232
	F		232							2880
	M+F		1435	1222	231					4285
TTI/POLYTECHNIC	M	1899	1956	481	239					3103
	F	1916	1187							7388
	M+F	3815	2853	481	239					713
UNIVERSITY	M		227	486						713
	F		227	486						713
	M+F									13127
NOT STATED	M	241	3317	6502	2610	232	225			2423
	F		1179	1012	232					15550
	M+F	241	4496	7514	2842	232	225			3417
TOTAL	M	434	679	1349	697	449	243			1156
	F	434	469	253						4573
	M+F		1148	1602	597	449	243			116639
TOTAL	M	116639	81776	45693	24611	7711	4672	1836	257	263055
	F	119169	38440	12237	2912	510	228	706		170199
	M+F	231805	100216	57930	27323	8221	4900	2602	257	433254

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TABLE 9--LITERATE POPULATION BY AGE GROUP, SEX AND HIGHEST GRADE COMPLETED

HIGHEST GRADE COMPLETED	SEX	A G E G R J J P								NS	TOTAL
		10-19	20-29	30-39	40-49	50-59	60-69	70+			
PRIEST/KORANIC AND ISLAMIC TEACHERS	M										
	F										
	M+F										
GRADE 1-6	M	4744	9517	15585	10919	5091	3696	1896		257	51707
	F	8116	6954	1932	2441	479	228	706			20856
	M+F	12860	16471	17517	13360	5570	3924	2602		257	72563
GRADE 7-8	M	75353	22216	12079	3875	1212	720			240	117731
	F	76314	13327	5714	953						96817
	M+F	151702	36043	17793	6830	1212	720			240	214548
GRADE 9-12	M	22598	7595	3791	2157	455	247				37313
	F	16499	4392	1898		251	245				25695
	M+F	41197	12047	5689	2157	726	492				62908
INTERMEDIATE/POST SECONDARY SCHOOL	M	14740	20027	5628	2853	467					44780
	F	15411	13372	7333	250						31418
	M+F	30151	33429	9027	3104	467					76198
UNIVERSITY INCOMPLETE	M		227	724	470						1421
	F										
	M+F		227	724	470						1421
UNIVERSITY COMPLETED	M	241	2844	3674	1670	232	225				9112
	F		1179	522							1701
	M+F	241	4023	4410	1670	232	225				10813
NOT STATED	M		240	2363	464						3072
	F			233							233
	M+F		240	2601	464						3305
TOTAL	M	1375	661	1814	699	449	243	226			5467
	F	672	689	220	697						2278
	M+F	2047	1350	2034	1396	449	243	226			7745

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TABLE 10 -- POPULATION BY AGE GROUP, SEX AND NO. OF DAYS WORKED

NO. OF DAYS WORKED	SEX	A G E G R O U P								NS	TOTAL
		10-19	20-29	30-39	40-49	50-59	60-69	70+			
0	M	113700	24628	6914	9237	4940	5937	6053			
	F	134107	71555	42392	24739	13058	9242	10213			
1	M	248063	36101	49300	33990	18010	15101	16200	242		171695
	F	240		477					242		305550
2	M	407	247	244							724
	F	712	247	723			240				1198
3	M	240	1585	407	450						1922
	F	240	407	920	243	450					2577
4	M	2003	3000	3097	1398	890				241	2343
	F	693	349	1437	2400	240				241	4920
5	M	2740	3877	4532	4304	1138					10994
	F	892	1530	1553	2237	931					5625
6	M	690	2477	2327	1740	1441	231	139			7753
	F	1002	4130	3300	4047	2342	571	270			9302
7	M	1053	4450	6723	2563	1407	405	227			17055
	F	1190	1154	2100	2830	929	230				16920
8	M	2249	5622	8020	5393	2330	723	227			8452
	F	6762	26181	25072	9504	4755	2310	250			25370
9	M	3318	11232	6330	2000	1214	1200	250			75010
	F	10080	37463	31407	11742	5979	3510	230			25407
10	M	12718	24239	22990	16103	3940	1602	771			100417
	F	24997	21442	9252	5015	2530	1157	241	497		82919
11	M	37715	45001	32242	21160	6481	2739	1012			64850
	F								733		147771
TOTAL	M	137924	85509	67413	42314	15864	10567	7420			368594
	F	165468	109491	65018	39039	20134	12277	10834	497		422739
	M+F	303392	195000	132431	81353	36998	22844	18250	975		791333

TABLE 11 -- POPULATION BY AGE GROUP, SEX AND REASON FOR NOT WORKING

REASON FOR NOT WORKING	Sex	A G E G R O U P							Net estab- lished	Total
		10-19	20-29	30-39	40-49	50-59	60-69	70+		
HOUSEWIFE	M	-	-	-	-	-	-	-	-	-
	F	18101	50784	35765	17280	6092	3593	1673	242	133530
	M+F	18101	50784	35765	17280	6092	3593	1673	242	133530
ON LEAVE	M	1409	3498	930	1154	479	-	-	-	-
	F	217	464	1165	244	234	-	231	-	7701
	M+F	1626	3962	2095	1398	713	-	231	-	10025
NO JOB	M	3576	5473	4311	4517	720	237	139	-	18973
	F	4858	7365	2378	472	492	-	-	-	15565
	M+F	8434	12838	6689	4989	1212	237	139	-	34538
STUDENT	M	104004	13761	250	245	-	-	-	-	118260
	F	104621	8899	488	-	-	-	-	-	114008
	M+F	208625	22660	738	245	-	-	-	-	232268
PENSIONED	M	-	-	-	1679	1665	3324	2101	-	8769
	F	-	-	-	2204	2134	1385	1441	-	7164
	M+F	-	-	-	3883	3799	4709	3542	-	15933
OTHER REASON	M	227	697	1189	704	703	718	237	-	4472
	F	483	3100	2137	1644	899	708	-	-	8931
	M+F	710	3797	3323	2348	1562	1426	237	-	13403
TOO OLD	M	-	-	-	-	937	1166	2865	-	4968
	F	-	-	-	987	1463	2850	5600	-	10900
	M+F	-	-	-	987	2400	4016	8465	-	15868
DISABLED	M	1159	1186	246	960	693	725	480	-	5449
	F	1909	478	228	1423	1318	706	1360	-	7422
	M+F	3068	1664	474	2383	2011	1431	1840	-	12871
NOT STATED	M	3960	483	238	244	224	-	-	-	5149
	F	3915	716	719	485	476	-	-	-	6311
	M+F	7875	1199	957	729	700	-	-	-	11460
TOTAL	M	114335	25098	7161	9503	5421	6170	6053	-	173741
	F	134104	71806	42880	24739	13068	9242	10074	242	306155
	M+F	248439	96904	50041	34242	18489	15412	16127	242	479896

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TABLE 12 -- DISTRIBUTION OF HOUSEHOLDS AND TOTAL INCOME BY INCOME GROUP AND SOURCE OF INCOME

INCOME GROUP	NO OF HOUSEHOLDS	TOTAL INCOME	SOURCE OF INCOME			
			EMPLOYMENT	BUSINESS	PROPERTY	TRANSFER
N/S	12869					
1-0009	8836					
10-0024	22067	54,182	20,226	15,557		18,399
25-0049	41645	368,656	183,076	68,497		111,527
50-0074	35558	1,533,625	731,172	437,405	5,556	350,428
75-0099	18558	2,146,265	1,099,877	505,260	14,620	517,801
100-0149	35967	1,570,338	733,789	427,047	23,347	404,026
150-0199	17013	4,356,217	2,711,000	747,831	5,476	891,338
200-0249	11715	2,870,133	1,867,748	483,002	6,048	519,383
250-0299	6464	2,505,854	1,583,620	492,953		484,521
300-0349	4572	1,754,073	1,385,275	113,171	24,760	255,627
350-0399	3582	1,478,157	1,157,953	39,831		280,373
400-0449	4722	1,301,451	953,384	83,765		264,102
450-0499	4722	1,951,943	1,691,187	137,580		123,176
500-0599	2329	1,101,825	939,009	67,183		93,633
600-0699	2860	1,538,511	1,291,443	206,003		40,185
700-0799	3809	2,401,900	2,149,688			252,212
800-0899	1899	1,372,970	1,040,496	332,474		480,245
900-0999	2359	1,971,823	1,162,010	329,568		110,162
1000-1249	1175	1,130,840	974,294	46,384		750,019
1250-NOVBR	1785	2,000,114	963,091	212,404		2,550,995
	4056	6,020,301	4,592,503	777,002		
TOTAL	243840	41,515,198	27,531,241	5,605,997	79,807	8,498,153

REFERENCE : LAST MONTH .

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TABLE 13A-- HOUSEHOLDS BY POSSESSION OF RADIOS, TV SETS AND PHONES

INCOME GROUP	NONE	RADIO	PHONE	TV	RADIO+PHONE	RADIO+TV	PHONE+TV	RADIO+PHONE+TV
N/S	7080	2189			238			715
1-0009	7383	1221						
10-0024	17532	4056						
25-0049	26082	15563						
50-0074	16528	19030						
75-0099	7051	10756			261			490
100-0149	11159	23143			475		227	479
150-0199	3719	11877			232	470		484
200-0249	1449	9289			482			238
250-0299	463	4356			707	453		485
300-0349	234	3849				239		250
350-0399	456	2413			233	480		
400-0449		2118			704	1192		704
450-0499	244	1116			724	245		
500-0599		1188				714		958
600-0699	232	1164			477	974		962
700-0799	237	703				491		458
800-0899		694			469	232		964
900-0999					228	478		469
1000-1249		244		257	261	257		766
1250 & OVER		232			464	954		2406
TOTAL	99849	115201		257	5955	7179	227	10862

NOTE: THIS TABLE GIVES THE NUMBER OF HOUSEHOLDS WITH ONE TYPE OF COMMUNICATION SET. THUS THERE WERE 115201 HOUSEHOLDS WITH RADIOS ONLY; 257 HOUSEHOLDS WITH TELEVISION SETS ONLY etc.. THOSE HOUSEHOLDS HAVING A COMBINATION OF SETS ARE SHOWN IN TABLE 13B.

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TABLE 13B-- HOUSEHOLDS BY POSSESSION OF RADIOS, TV SETS AND PHONES

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INCOME GROUP	NONE	RADIO	PHONE	TV	RADIO+PHONE	RADIO+TV	PHONE+TV	RADIO+PHONE+TV
N/S	7080	3142	953	715	953	715	715	715
1-0009	7383	1221						
10-0024	17532	4056						
25-0049	26082	15563						
50-0074	16528	19030						
75-0099	7051	11507	751	490	751	490	490	490
100-0149	11159	24097	1141	706	954	479	706	479
150-0199	3719	13063	716	754	716	954	484	484
200-0249	1449	10009	720	233	720	233	233	233
250-0299	463	6001	1192	438	1192	438	438	438
300-0349	234	4338	230	437	250	489	230	250
350-0399	456	3126	233	430	233	480		
400-0449		4722	1412	1900	1412	1900	708	708
450-0499	244	2085	724	245	724	245		
500-0599		2860	958	1672	958	1672	958	958
600-0699	232	3577	1439	1936	1439	1936	962	962
700-0799	237	1662	468	959	468	959	468	468
800-0899		2359	1433	1196	1433	1196	964	964
900-0999		1175	697	947	697	947	469	469
1000-1249		1528	1027	1280	1027	1027	766	766
1250 & OVER		4056	2870	3360	2870	3360	2406	2406
TOTAL	99849	139177	17024	18505	16797	18021	11069	10842

TOTAL NUMBER OF HOUSEHOLDS : 243,840.

TABLE 14- POPULATION IN HOUSEHOLDS BY RELATIONSHIP TO HEAD OF HH, SEX & MARITAL STATUS

RELATION	SEX	SINGLE	MARRIED	WIDJWED	DIVORCED	NS	TOTAL
HEAD/SELF	M	27791	136933	2319	8949		176229
	F	3016	8830	21174	34207	237	67227
	M+F	30807	145763	23493	43156	237	243456
WIFE/HUSBAND	M	1202	1673				2875
	F	1222	130835	139			132196
	M+F	2424	132508	139			135071
SON	M	257079	1429	227	719		259454
	F						
	M+F	257079	1429	227	719		259454
DAUGHTER	M						
	F	237017	4072	1186	4506		246781
	M+F	237017	4072	1186	4506		246781
FATHER	M	226	713	238	243		1420
	F						
	M+F	226	713	238	243		1420
MOTHER	M						
	F		715	4628	1895		7238
	M+F		715	4628	1895		7238
OTHER RELATIVES	M	40980	3886	463	2021		53350
	F	39972	2067	3523	7144		52706
	M+F	86952	5953	3986	9165		106056
SERVANT, ZEBEGNA	M	10822	244		1695		12762
	F	23821		1439	13367	522	39149
	M+F	34643	244	1439	15063	522	51911
OTHERS, NON-RELATIVES	M	14235	1762	724	1394		18119
	F	17951	2173	3521	4252	498	28395
	M+F	32186	3935	4245	5646	498	46510
NOT STATED	M	245	245				490
	F	244	494	236	490		1464
	M+F	489	739	236	490		1954
TOTAL	M	358580	146885	3971	15022	237	524695
	F	323243	149186	35846	65861	1020	575156
	M+F	681823	296071	39817	80883	1257	1099851

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE-1 EMPLOYED PERSONS BY AGE-GROUP SEX AND OCCUPATION

AGE-GROUP	SEX	OCCUPATION								TOTAL	
		PROFESSIONAL & TECHNICAL	ADMINISTRATIVE & MANAGERIAL	CLERICAL & RELATED	SALES	SERVICE	AGRICULTURE & RELATED	PRODUCTION & RELATED	NOT CLASSIFIED		
10-14	M			718	229	1420					
	F				592	5032		417	1747	941	5472
	M+F			718	821	6452		417	1938	1457	8426
15-19	M	241		263	4014	4460		278	4104	3055	19415
	F	489		732	618	12130		695	1390	5631	22685
	M+F	730		995	4632	16590		973	3494	9686	42100
20-24	M	983		1700	2895	6454		139	10010	4287	26448
	F	224		2425	1678	9293		278	4456	2599	20953
	M+F	1187		4125	4573	15747		417	14466	6886	47401
25-29	M	2137	964	2428	5978	7865		464	14378	3797	38011
	F	502		1435	1098	8703		417	3846	1201	17202
	M+F	2639	964	3863	7076	16568		881	18224	4998	55213
30-34	M	5434	702	1214	4958	4724		1146	10311	3528	32022
	F	1213		1694	1019	2372		139	3845	749	11031
	M+F	6647	702	2913	5977	7096		1285	14156	4277	43053
35-39	M	2151	1429	731	4053	4770		607	12516	2571	28928
	F	1213		731	2241	2888		1098	4347	729	12516
	M+F	3364	1429	731	6294	7658		1705	16863	3400	41444
40-44	M	1908	472	1440	3533	3862		261	4932	1382	21790
	F	241		476	748	2171		139	3594	261	7790
	M+F	2159	472	1916	4281	6033		402	12486	1643	29580
45-49	M	1173	236	959	1859	4007		139	2600	1448	12421
	F	232		959	962	1718		139	3463	240	6754
	M+F	1405	236	959	2821	5725		278	6063	1688	19175
50-54	M	953	232	488	730	1414		227	3953	238	8235
	F			488	1601	718		372	1395		4086
	M+F	953	232	488	2331	2132		599	5348	238	12321
55-59	M				1086	1432					
	F				714	462			1183	459	4160
	M+F				1800	1894			1425	373	2974
60-64	M	246			383	725					
	F				1005	245			361		2215
	M+F	246			1388	970			698		1948
65 & OVER	M	470			986	1219		139	963	240	4017
	F			243	726			739			1708
	M+F	470		243	1712	1219		878	963	240	5725
NOT STATED	M			257							
	F										
	M+F			257							497
										236	236
										476	733
TOTAL	M	15676	4035	10203	30704	42352		3819	74556	22286	203631
	F	4114		7005	13202	45732		4433	29357	14466	118309
	M+F	19790	4035	17208	43906	88084		8252	103913	36752	321940

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE- 2 EMPLOYED PERSONS BY AGE-GROUP SEX AND INDUSTRY

AGE-GROUP	SEX	INDUSTRY								TOTAL		
		MINING & QUARRYING	MANUFACTURING	CONSTRUCTION	TRADE	TRANSPORT	FINANCING	SERVICES	NOT CLASSIFIED			
10-14	M		1504									
	F		919					925	254	2789	5472	
	M+F		2423					1088	6419	8426		
15-19	M	241	6054	1011				2013	254	9208	13896	
	F	244	1391					4928		5945	19415	
	M+F	485	7445	1011			235	1812	6740	19238	22685	
20-24	M		6127	1675	263					26183	42100	
	F		3301	227		1401		3836	4251	11693	28448	
	M+F		9428	1302	263	1401		3575	13850	20953		
25-29	M	939	6488	2377	245			7412	2153	17227	38011	
	F		2660			970		3249	475	10814	17202	
	M+F	939	9148	2377	245	970		10661	2628	28041	55213	
30-34	M	699	5951	720	226			515	5675	2552	15783	32022
	F		3158					261	2435	3277	11031	20953
	M+F	699	9109	720	226			776	8109	5829	26814	43053
35-39	M	703	4494	2361	693			464	3325	4156	15520	28928
	F		1970	629				4170	5667	12516	12516	
	M+F	703	6464	3000	693			881	8985	15836	41444	
40-44	M	237	3911	1346	431			890	8265	1197	9544	21790
	F		2123					2908	3059	3059	7790	
	M+F	237	6034	1346	431			490	11274	1197	29580	
45-49	M	240	1862	454				243	1860	472	7260	12421
	F		3221	224				243	1448	1661	6754	
	M+F	240	5083	708				243	3308	472	9121	19175
50-54	M		1825			217		231	1593	245	4024	8235
	F		1192	237				2050	617	617	4086	
	M+F		3007	237		217		231	3743	245	4691	12321
55-59	M		709	486				1315		240	1410	4150
	F		949					1190		835	2975	
	M+F		1658	486				2505		740	2245	7124
60-64	M		630					231			771	2215
	F		462						383		245	1946
	M+F		1092					231	1241		1026	4161
65 & OVER	M	238	734								1249	4017
	F										982	1708
	M+F	238	734					710	770		2331	5725
NOT STATED	M										497	497
	F										236	236
	M+F										733	733
TOTAL	M	3297	40289	11210	2067			5911	9422	95232	293631	
	F	244	21342	1377				25612	473	49000	118309	
	M+F	3541	61631	12587	2067			32213	9895	166232	411940	

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE 3- EMPLOYED PERSONS BY AGE-GROUP SEX & STATUS

AGE-GROUP	SEX	EMPLOYER	OWN ACCOUNT WORKER	EMPLOYEE	UN PAID FAMILY WORKER	OTHER	TOTAL
10-14	M		370	2517	1872	713	5472
	F		311	4537	2159	1219	8426
	M+F		681	7054	4031	1932	13898
15-19	M	997	3312	8324	4162	2620	19415
	F		936	13087	1994	6668	22685
	M+F	997	4248	21411	6156	9288	42100
20-24	M	962	4614	16897	462	3513	26448
	F		2054	14777	1755	2367	20953
	M+F	962	6668	31674	2217	5880	47401
25-29	M	1633	8134	25513	587	2144	38011
	F	234	2423	11611	1966	966	17202
	M+F	1867	10559	37124	2553	3110	55213
30-34	M	1170	7011	22634		1207	32022
	F		3112	4788		1247	11031
	M+F	1170	10123	27422	1884	2454	43053
35-39	M	2137	6526	18376		1889	28928
	F	1651	4735	4601	739	730	12516
	M+F	3788	11261	22977	739	2619	41444
40-44	M	1663	5274	14147		706	21790
	F	962	3713	1921		522	7790
	M+F	2625	8987	15068	672	1228	29580
45-49	M	487	2197	9023		714	12421
	F	224	3736	1950		240	6754
	M+F	711	5933	10973	602	954	19175
50-54	M	697	2328	4986		224	8235
	F	943	2433	710			4086
	M+F	1640	4761	5696		224	12321
55-59	M		2496	1442		222	4160
	F	723	1328	462		234	2974
	M+F	723	3824	1904	227	456	7134
60-64	M	244	997	974			2215
	F		1487				1948
	M+F	244	2484	974	224	237	4163
65 & OVER	M		1352	2425			4017
	F	244	1221	243		240	1708
	M+F	244	2573	2668		240	5725
NOT STATED	M			257		240	497
	F					236	236
	M+F			257		476	733
CITY TOTAL	M	9990	44611	127515	7083	14432	203631
	F	4981	27753	58687	12222	14666	118309
	M+F	14971	72364	186202	19305	29098	321940

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE- 4 EMPLOYED PERSONS BY INDUSTRY SEX AND STATUS

INDUSTRY	SEX	EMPLOYER	OWN ACCOUNT WORKER	EMPLOYEE	UN PAID FAMILY WORKER	OTHER	TOTAL
MINING.....	M		472	2585		240	3297
	F			244			244
	M+F		472	2829			3541
MANUFACTURING.....	M	1629	17123	17070	3512	955	40289
	F	1218	6623	5536	7695	240	21342
	M+F	2847	23746	22606	11207	1195	61631
CONSTRUCTION.....	M	526	1161	8594		929	11210
	F	224	926	227			1377
	M+F	750	2087	8821		929	12587
TRADE.....	M			2067			2067
	F						
	M+F			2067			2067
TRANSPORT.....	M	228	231	4825		227	5511
	F					261	261
	M+F	228	231	4825		488	5772
FINANCING.....	M	5708	17350	9622	3208	715	36603
	F	3079	15201	4841	3254	237	25612
	M+F	8787	32551	13463	6462	952	62215
SERVICES.....	M	227	1809	7149			9185
	F			473			473
	M+F	227	1809	7622			9658
NOT CLASSIFIED.....	M	1672	6405	75603	363	11366	95469
	F	460	4973	48366	1273	13928	69000
	M+F	2132	11438	123969	1636	25294	154469
CITY TOTAL	M	9990	44611	127515	7083	14432	203631
	F	4981	27753	58687	12222	14666	118309
	M+F	14971	72364	186202	19305	29098	321940

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE- 5 EMPLOYED PERSONS BY OCCUPATION, SEX AND STATUS

OCCUPATION	SEX	EMPLOYER	OWN ACCOUNT WORKER	EMPLOYEE	UN PAID FAMILY WORKER	OTHER	TOTAL
PROFESSIONAL, TECHNICAL.	M		467	15209			15676
	F		241	3390			4114
	M+F		708	18599		483	19790
ADMINISTRATIVE/MANAGERIAL	M		245	3553		237	4035
	F						
	M+F		245	3553		237	4035
CLERICAL & RELATED.....	M		233	9970			10203
	F	236	244	5773			7005
	M+F	236	477	15748		747	17206
SALES.....	M		5474	16636	4442	3208	30704
	F		2127	5104	1204	1580	13202
	M+F		7601	24742	5646	4738	43906
SERVICE.....	M		486	3246	36279		42152
	F		244	1631	40655	1745	45732
	M+F		730	4877	76934	1745	88084
AGRICULTURAL & RELATED.	M			1112	2332	139	3583
	F		224	3653		556	4433
	M+F		224	4765	2332	695	8252
PRODUCTION & RELATED.....	M		3806	21502	43627	3512	74550
	F		2150	13741	5301		29357
	M+F		5956	35243	48928	11677	103913
OCCUPATION NOT CLASSIFIED	M		224	1168	12103	224	22886
	F			139	2359	226	14466
	M+F		224	1307	14462	450	36752
CITY TOTAL	M		9990	44611	127515	7083	203631
	F		4981	27753	58687	12222	118309
	M+F		14971	72364	186202	19305	321940

MANPOWER AND HOUSING SURVEY-ADDIS ABABA

TABLE - 6 EMPLOYED PERSONS BY AGE GROUP, SEX AND TOTAL HOURS WORKED/WEEK

AGE GROUP	SEX	HOURS WORKED PER WEEK					TOTAL
		LESS THAN 14	14-27	28-44	45 +	N/STATED	
10-14	M	363	363	481	2922	1323	5472
	F	523	291	496	5580	1586	8426
	M+F	886	654	977	8502	2909	13398
15-19	M	239	751	2631	12357	3437	19415
	F	278	324	2614	12098	5841	22585
	M+F	517	1075	5245	24455	10278	42100
20-24	M	1227	1413	6470	13684	3654	25448
	F	717	1181	2819	13233	3203	20953
	M+F	1744	2594	9289	26917	6857	47401
25-29	M	842	1377	8762	22281	4729	38011
	F	1030	1026	3372	9579	2187	17202
	M+F	1880	2423	12134	31860	6916	55213
30-34	M	695	1737	6773	18777	1840	32022
	F	1086	1330	2388	4962	1265	11031
	M+F	1781	3267	11161	23739	3105	43053
35-39	M	278	1421	6192	19434	1573	28928
	F	1002	1529	3564	4819	1455	12516
	M+F	1280	3107	9776	24253	3028	41444
40-44	M	240	731	2670	13738	1411	21790
	F	483	1406	1132	3049	870	7790
	M+F	723	2137	6852	17287	2281	29580
45-49	M	1022	742	3977	6249	231	12421
	F	1373	1097	1673	2351	240	6754
	M+F	2395	2039	5670	8600	471	19175
50-54	M	227	220	3067	4011	710	8235
	F	278	1089	926	1654	139	4086
	M+F	505	1309	3993	5665	849	12321
55-59	M	475	721	698	2626	361	4160
	F	475	721	237	1409	607	2974
	M+F	950	1442	935	4035	968	7134
60-64	M	139		949	1127		2215
	F	278		1197	473		1948
	M+F	417		2146	1600		4163
65 & OVER	M	658	380	714	1920	725	4017
	F	139	380	714	946	243	1708
	M+F	797	760	1428	2866	968	5725
NOT STATED	M			257		236	236
	F					476	476
	M+F			257		712	968
TOTAL	M	6405	9225	48641	119126	20234	203631
	F	6995	10981	20508	60953	18872	118309
	M+F	13400	20206	69149	180079	39106	321940

MANPOWER AND HOUSING SAMPLE SURVEY-ADDIS ABABA

TABLE 7 - EMPLOYED PERSONS BY AGE GROUP, SEX AND WEEKLY INCOME GROUP

AGE GROUP	SEX	I N C O M E G R O U P												V/S	TOTAL		
		1-4	5-9	10-19	20-24	25-49	50-74	75-99	100-149	150-199	200-299	300-399	400+				
10-14	M	3614	685	1173													
	F	7815	139														
	M+F	11429	824	1173								236		236		5472	
15-19	M	10215	4930	2834	968	227											
	F	17558	2258	478		957											
	M+F	27773	7188	3312	968	1184			242					236	956		1941
20-24	M	3748	6465	9058	1720	3552											
	F	11085	6541	2623	238	689	236	481	254								
	M+F	14833	11106	11681	1958	4241	1446	481	475			232		712			2644
25-29	M	5190	6067	10442	2815	8028	2856										
	F	8012	3627	2661		481	238			473	1188						
	M+F	13202	9694	13103	2815	8509	3094			496	467			234	906		3801
30-34	M	2838	5917	6279	2492	6420	2383	1900	1833	715							
	F	6214	1194	476		252	1660	234	257	247			252	228	1235		
	M+F	9052	6711	6755	2492	6672	4043	2134	2090	962			252	228	1702		3202
35-39	M	2312	3056	7354	1664	6436	2169	1666	1187	1681							
	F	5228	2964	2391	717	493					932			228	243		
	M+F	7540	6020	9745	2381	6929	2169	1666	1187	2171			233	228	243		2892
													1165	228	243		12916
																	41444

MANPOWER AND HOUSING SAMPLE SURVEY-ADDIS ABABA

TABLE 7 - EMPLOYED PERSONS BY AGE GROUP, SEX AND WEEKLY INCOME GROUP

AGE GROUP	SEX	I N C O M E G R O U P												TOTAL	
		1-4	5-9	10-19	20-24	25-49	50-74	75-99	100-149	150-199	200-299	300-399	400+		N/S
40-44	M	1642	1650	5921	854	5501	1201	1201	1679	465	963	477	236		
	F	3952	1683	1206	243	241									
	M+F	5594	3333	7127	1097	5742	1201	1201	1679	465	1192	477	472		
45-49	M	725	1859	3300	368	2369	1909	1174		243		236	236		
	F	4530	1242	261		721									
	M+F	5255	3101	3561	368	3090	1909	1174		243		236	236		
50-54	M	967	725	1863	903	1886	957	233	484	247					
	F	2158	845	384	217	244	238								
	M+F	3115	1570	2247	1120	2130	1195	233	484	247					
55-59	M	1179	1590	690	227	234							260		
	F	2004	239	245	240	246									
	M+F	3183	1829	935	467	480									
60-64	M	228	722	1111					154						
	F	1434	514												
	M+F	1662	1236	1111					154						
65 & OVER	M	632	2667	238					480						
	F	1464						244							
	M+F	2096	2667	238				244	480						
NOT STATED	M	240				257									
	F	236													
	M+F	476				257									
TOTAL		105210	55279	60988	13626	39234	15301	8261	7071	5276	2841	1641	7212		321990

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABEBA

TABLE 8- EMPLOYED PERSONS BY AGE GROUP, SEX & MARITAL STATUS

AGE-GROUP	SEX	SINGLE	MARRIED	WIDDED	DIVORCED	NS	TOTAL
10-14	M	5472					5472
	F	8192					8426
	M+F	13664				234	13898
15-19	M	18930	485				19415
	F	17702	1407				22685
	M+F	36632	1892			3576	42100
20-24	M	19997	5974				25448
	F	5425	4647			477	20953
	M+F	25422	10621	237		10383	261
25-29	M	15488	21074				47401
	F	3631	5622				38011
	M+F	19119	26696	1203		1449	261
30-34	M	5442	24263				17202
	F	982	6017				11031
	M+F	6424	30280	1203		6485	261
35-39	M	2128	25457				43053
	F	245	4553				28923
	M+F	2373	10010	1439		1105	237
40-44	M	719	20363				12516
	F	661	2095				41444
	M+F	1380	22458	1198		3836	237
45-49	M		11946				29580
	F		847				12421
	M+F		12793	247		226	6754
50-54	M		7515				19175
	F		885				8235
	M+F		8400	844		2357	4086
55-59	M		3225				12321
	F		227				4160
	M+F	245	3452	237		698	2974
60-64	M		1741				7134
	F		376				2215
	M+F		2117	246		228	1948
65 & OVER	M		3167				4163
	F		278				4017
	M+F		3445	139		711	1708
NOT STATED	M						5725
	F	240	257				497
	M+F	240	257	236			236
TOTAL	M	68416	125467	1341			203631
	F	37083	26954	10314		8170	118309
	M+F	105499	152421	11655		43436	522
							759
							321940

MANPOWER AND HOUSING SURVEY-ADDIS ABABA

TABLE 9 - EMPLOYED PERSONS BY WEEKLY INCOME GROUP AND HOURS WORKED PER WEEK

INCOME	LESS HOURS OF WORK PER WEEK								TOTAL
	THAN 10	10-14	15-28	29-42	43-56	57-70	71+	NS	
1-0004	3812	2741	6237	9341	8341	6883	15153	3811	56321
5-0009	3773	609	4773	3543	15545	3985	3224	4825	55279
10-0014	366	502	2119	6631	15076	4113	5866	475	36170
15-0019	377		1152	3297	11570	3429	2015	948	24818
20-0024	613		1174	6191	9407	4026	3354	361	23126
25-0049		241	1653	5457	12697	3054	3690	722	27734
50-0074	240	245	979	2730	5933	1181	471	407	15301
75-0099		241	491	3703	3036	465		243	8261
100-0149			253	3590	2647		381		7071
150-0199				2150	1929	701	480		5276
200-0249	240				457	717	485	237	2136
250-0299				705					705
300-0349				692	715				1407
350-0399							234		234
400 & OVER	236		472	724	3605	1446	468	261	7212
NOT STATED	478	507	3125	3079	4879	5289	5481	25051	48889
TOTAL	10135	5086	22450	59925	97334	42299	46310	38401	321940

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MANPOWER AND HOUSING SURVEY-ADDIS ABABA

TABLE 10 - EMPLOYED HEAD OF HOUSEHOLDS BY WEEKLY INCOME AND HOURS WORKED/WEEK

INCOME	LESS THAN 10	HOURS WORKED PER WEEK						NS	TOTAL
		10-14	15-20	21-26	27-32	33-38	39-44		
1-0004	1523	1409	4081	4341	2338	2637	1189	826	16544
5-0009	2473	231	1925	4993	9671	5677	5139	1713	32072
10-0014	227	278	1404	4726	11054	3390	5156	252	26467
15-0019	377		1162	2615	7556	4703	2015	701	19340
20-0024	613		1174	4777	7735	3307	2719	301	20885
25-0049		241	1423	4261	11005	2592	3225	234	23001
30-0074		245	747	4695	5505	1161	225	231	12165
75-0099		241	491	5297	3035	465		243	7773
100-0149				2655	2511		391		5620
150-0199				2155	1929	701	436		5276
200-0249	240				457	717	465	237	2136
250-0299				472					472
300-0349				456	715				1171
350-0399							234		234
400 & OVER	236		235	472	1717	469	458	251	3679
NOT STATED		507	220	1203	748	244	232	4609	7763
TOTAL	5089	3152	12863	40863	66287	25303	22009	9648	166819

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MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE 11-- EMPLOYED PERSONS BY HIGHEST GRADE COMPLETED SEX AND STATUS

SCHOOL COMPLETED	SEX	STATUS					TOTAL
		EMPLOYER	OWN ACCOUNT WORKER	EMPLOYEE	UNPAID FAMILY WORKER	OTHER	
PRIEST/KORANIC AND ADULT CLASS	M	2627	7514	19955	823	2122	33041
	F		466	1458		457	2381
	M+F	2627	7980	21413	823	2579	35422
GRADES 1-6	M	2612	6449	31158	1834	3568	45621
	F	234	1440	8381	711	1223	11989
	M+F	2846	7889	39539	2545	4791	57610
GRADES 7-8	M	743	229	11042		931	12950
	F		701	1918			2619
	M+F	743	930	12960		931	15569
GRADES 9-12	M	735	1183	15034	462	1203	18618
	F	236	244	6501		486	7467
	M+F	972	1427	21535	462	1689	26085
INTERMEDIATE/POST SECONDARY SCHOOL	M			1194			1194
	F						
	M+F			1194			1194
UNIVERSITY INCOMPLETE	M	236		5945		493	6714
	F			492		261	753
	M+F	236		6477		754	7467
UNIVERSITY COMPLETE	M			3072			3072
	F			233			233
	M+F			3305			3305
READ ONLY	M		693	4121			4814
	F		261	2659		783	3703
	M+F		954	6780		783	8517
ILLITERATE	M	3031	28094	33704	3964	6115	74908
	F	4511	24399	36809	11511	11239	88469
	M+F	7542	52493	70513	15475	17354	163377
NOT STATED	M		449	2250			2699
	F		242	236		217	695
	M+F		691	2486		217	3394
TOWN TOTAL	M	3990	44611	127515	7083	14432	203631
	F	4981	27753	58687	12222	14666	118309
	M+F	14971	72364	186202	19305	29098	321940

TABLE -13- EMPLOYED PERSONS BY HIGHEST GRADE COMPLETED/SEEK AND INCOME GROUP PER WEEK

HIGHEST GRADE COMPLETED	SEX	I N C O M E G R O U P											TOTAL	
		1-4	5-9	10-19	20-24	25-49	50-74	75-99	100-149	150-199	200-299	300-399		400+
PREREQ / EXAMINIC AND ADULT CLASSES	M	3577	7622	6470	2423	9346	1639	241	361	233	717	236	236	33241
	F	947	460	738										
	M+F	4424	8082	7208	2423	9346	1639	241	361	233	717	236	236	
GRADES 1 - 6	M	5744	8191	14502	2387	7292	4590	1453	488	733				35422
	F	4574	2610	2419	238	460	718							
	M+F	11318	10801	16921	2625	6252	5308	1453	488	733				
GRADES 7 - 8	M	1201	943	1450	1305	4075	1454	1197	943					12950
	F	245	231	1184	238	721								
	M+F	1446	1174	2634	1743	4725	1454	1197	943					
GRADES 9 - 12	M	1950	476	1902	484	4481	2678	2119	1440	724				15369
	F	742	245											
	M+F	2702	721	1902	484	4481	2678	2119	1440	724				
INTERMEDIATE/ POST SECONDARY SCHOOL	M	238					232	247	238	239				1194
	F	238					232	247	238	239				
	M+F	476					464	494	476	478				
UNIVERSITY INCOMPLETE	M	998				243		1651	1907	1193				6714
	F													
	M+F	998				243		1651	1907	1193				
UNIVERSITY COMPLETE	M					243		1651	2138	1454				3072
	F								481	954	458	461	708	
	M+F					243		1651	2138	1454	458	461	708	
READ ONLY	M	485	1202	1704	244	951	228		481	954	701	481	706	3305
	F	1518	973	1212										
	M+F	2003	2175	2916	244	951	228		481	954	701	481	706	
ILLITERATE	M	18190	17282	23553	4479	7468	1910	381		453	232	244	706	74908
	F	63211	14827	4930	3179	1464	482							
	M+F	81401	32109	28483	7658	8932	2392	381		453	232	244	706	
NOT STATED	M	227	217	677	449	1129			236	692	401	244	2388	63377
	F	453		242										
	M+F	680	217	919	449	1129			236	692	401	244	2388	
TOTAL	M+F	105210	55279	60988	13626	39234	15301	6201	7071	5275	2841	1644	7212	321940

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE 14 EMPLOYED PERSONS BY INDUSTRY SEX & OCCUPATION

INDUSTRY	SEX	OCCUPATION							TOTAL
		PROFESSIONAL & TECHNICAL	ADMINISTRATIVE & MANAGERIAL	CLERICAL & RELATED	SALES	SERVICE	AGRICULTURE & RELATED	PRODUCTION & RELATED	
MINING.....	M	241							
	F	244				232		2824	
	M+F	485							3297
MANUFACTURING..	M	472							
	F	472		472	452	3094	241	34370	1168
	M+F	472		238	730	452	2644	3738	241
CONSTRUCTION...	M	717							
	F	717	239						
	M+F	717	239		447	254		4799	254
TRADE.....	M	228							
	F	228		217					
	M+F	228		232		462		697	231
TRANSPORT.....	M	500							
	F	500		239					
	M+F	500		201		704		3841	227
FINANCING.....	M	247							
	F	247	469	1178	27901	4214			
	M+F	247	469	1223	12977	3088		2356	238
SERVICES.....	M	720							
	F	720		1213					
	M+F	720		473		1472		5335	
NOT CLASSIFIED.	M	12551							
	F	3870	2850	6864	1404	31920	3578	16134	20168
	M+F	16421	2850	4810	225	40000	4433	1682	13980
TOTAL	M	15676	4035	10203	30704	42352	3819	74556	22286
	F	4114	7005	7005	13202	45732	4433	29357	14466
	M+F	19790	4035	17208	43906	88084	8252	103913	34148

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MANPOWER & HOUSING SAMPLE SURVEY
ADDIS ABABA

TABLE 1- UNEMPLOYED PERSONS BY AGE GROUP AND SEX

AGE-GROUP	MALE	FEMALE	TOTAL
15-19	3576	4614	8190
20-24	3338	5230	8568
25-29	2135	2135	4270
30-34	2872	1422	4294
35-39	1439	956	2395
40-44	2968	238	3206
45-49	1549	234	1783
50-54	488	492	980
55-59	232		232
60-64	237		237
65 & above	139		139
T O T A L	18973	15321	34294

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MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE 2 UNEMPLOYED PERSONS BY AGE-GROUP, SEX, AND DURATION OF UNEMPLOYMENT IN Yrs

AGE-GROUP	SEX	DURATION OF UNEMPLOYMENT					TOTAL	
		LESS THAN 1	1	2	3	4		5+
15-19	M	1421	1667					3576
	F	2179	1443	242	246			
	M+F	3600	3110	242	499	492	247	
20-24	M	1431	711					4614
	F	2137	956	236		492	247	
	M+F	3568	1667	724	480	236	226	
25-29	M	473	231					5230
	F	472	690	707	231	243		
	M+F	945	921	482	231	474	1421	
30-34	M	1594	238					4270
	F	477		468		243		
	M+F	2171	238	464	228	244	718	
35-39	M	730	240					4296
	F	232		231		244		
	M+F	962	240	241	238		481	
40-44	M	1543						2395
	F	235		596			483	
	M+F	1881		472	238		483	
45-49	M	619						3206
	F	519		596		245		
	M+F	519		434		245		
50-54	M	242						1783
	F	492		231			699	
	M+F	734		246			234	
55-59	M	232						980
	F	232		246			933	
	M+F	232		246				
60-64	M	237						237
	F	237						
	M+F	237						
65 & OVER	M							237
	F							
	M+F			139				
TOTAL	M	8725	3087	3094	1427	970	1670	18973
	F	6227	3089	1911	733	728	2633	
	M+F	14952	6176	5005	2160	1698	4303	

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE 3 UNEMPLOYED PERSONS BY AGE-GROUP, SEX, AND REASON FOR UNEMPLOYMENT

AGE-GROUP	SEX	REASON FOR UNEMPLOYMENT						TOTAL	
		LACK OF JOB OPPORTUNITY	LACK OF SKILL	FAVOURITISM	TOO OLD	POOR HEALTH	N/S		OTHER
15-19	M	1687	242	240					
	F	1443		253				1421	3776
	M+F	3110	242	499		247	492	2179	4614
20-24	M	711	234			247	492	3600	8190
	F	956	724	480		724	238	1431	3338
	M+F	1697	958	480		697	238	2137	5230
25-29	M	231	707	231		1421	474	1560	8968
	F	690	482			247	243	476	2135
	M+F	921	1189	231		491	472	472	2135
30-34	M	238	408	228		738	243	948	4270
	F		404			481	244	1694	2672
	M+F	238	932	228		481	244	477	1422
35-39	M	240	231	238		483	244	2171	4294
	F		241			483		730	1439
	M+F	240	472	238		483		232	956
40-44	M		596	404	245			1643	2468
	F							238	238
	M+F		596	484	245			1881	3205
45-49	M		231			699		619	1349
	F					234		234	234
	M+F		231			433		419	1783
50-54	M		246					242	488
	F							492	492
	M+F		246					736	980
55-59	M							232	232
	F							232	232
	M+F							232	232
60-64	M							237	237
	F							237	237
	M+F							237	237
65 & OVER	M		139						139
	F								
	M+F		139						139
TOTAL	M	3087	3094	1427	245	1470	725	8725	18973
	F	3089	1911	733		2633	728	5227	15321
	M+F	6176	5005	2160	245	4303	1453	14952	34294

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MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA
 TABLE - 4 UNEMPLOYED PERSONS BY OCCUPATION, SEX, AND INDUSTRY / FOR PREVIOUS WORK EXPERIENCE

OCCUPATION	SEX	INDUSTRY						TOTAL	
		MINING & QUARRYING	MANUFACTURING	CONSTRUCTION	TRADE	TRANSPORT	FINANCE SERVICE		NOT CLASSIFIED
PROFESSIONAL & TECHNICAL	M							236	236
	F							244	244
	M+F							480	480
CLERICAL & RELATED	M								
	F					238		476	714
	M+F							723	723
SALES	M							1199	1437
	F					1454			1454
	M+F							243	243
SERVICE	M							243	1697
	F		729			935		1876	2811
	M+F		729				229	4302	5260
AGRICULTURAL & RELATED	M					935		229	6178
	F							1404	1404
	M+F							241	241
PRODUCTION & RELATED	M	243	708	1331				1645	1645
	F		254		1982	234	244	1431	6173
	M+F	243	962	1331	1982	234	244	1431	254
NOT CLASSIFIED	M							946	6427
	F							946	946
	M+F							946	946
TOTAL	M	243	708	1331				946	946
	F		983		2917	1926	244	6369	13738
	M+F	243	1691	1331	2917	2155	244	12122	6965
									20703

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MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE 05 UNEMPLOYED PERSONS BY AGE-GROUP, SEX, AND

OCCUPATION / FOR PREVIOUS WORK EXPERIENCE /

AGE-GROUP	SEX	O C C U P A T I O N							NOT CLASSFD	TOTAL
		PROFESSIONAL & TECHNICAL	ADMINISTRATIVE & MANAGERIAL	CLERICAL & RELATED	SALES	SERVICE	AGRICULTURE & RELATED	PRODUCTION & RELATED		
15-19	M				242	475				
	F					1926				
	M+F				242	2401				2180
20-24	M	236		238	492	707				3371
	F			723		486				
	M+F	236		961	492	1193		241	232	2378
25-29	M				242	696				1450
	F	244				1190				3828
	M+F	244			242	1886			487	1425
30-34	M				242	470				1434
	F			244	240	702				2672
	M+F			244	243	1172		472	1446	945
35-39	M				238	473				3617
	F					473				
	M+F				238	473			730	1199
40-44	M				238	473				473
	F									1672
	M+F							450	1563	2496
45-49	M									2496
	F			232		231		240		483
	M+F			232		234		615		1318
50-54	M					465		240		234
	F									1557
	M+F							488		488
55-59	M					249				249
	F					249				737
	M+F					232				232
65 & OVER	M					232				232
	F									
	M+F							139		139
TOTAL	M	236		714	1454	2811				13738
	F	244		723	243	5260	1404	6173	946	6965
	M+F	480		1437	1697	8071	241	254	946	20703
							1645	6427	946	

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MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE- 7 UNEMPLOYED PERSONS BY AGE-GROUP SEX & STATUS / FOR PREVIOUS WORK EXPERIENCE /

AGE-GROUP	SEX	NOT EMPLOYER	OWN ACCOUNT WORKER	EMPLOYEE	UN PAID FAMILY WORKER	OTHER	TOTAL
15-19	M	232					
	F	245				3344	3576
	M+F	477			976	3393	4614
20-24	M	241				5737	8190
	F		220			3097	3338
	M+F	241	220		487	4523	5230
25-29	M					7620	8568
	F				244	1891	2135
	M+F				244	2135	2135
30-34	M	263		234	716	1659	2872
	F	243	238			941	1422
	M+F	506	238	234	716	2600	4294
35-39	M			254	240	945	1439
	F		715			241	956
	M+F		715	254	240	1186	2395
40-44	M					460	2958
	F			233		238	238
	M+F			233		460	2513
45-49	M	240				1309	1549
	F					234	234
	M+F	240				1543	1783
50-54	M		242			246	488
	F	249				243	492
	M+F	249	242			489	980
55-59	M			232			232
	F						
	M+F			232			232
60-64	M			237			237
	F						
	M+F			237			237
65 & OVER	M					139	139
	F						
	M+F					139	139
CITY TOTAL	M	976	475	957	1560	14905	18973
	F	737	1173	976	487	11948	15321
	M+F	1713	1648	1933	2147	26853	34294

TABLE-8-UNEMPLOYED PERSONS BY OCCUPATION SEX, AND STATUS / FOR PREVIOUS WORK EXPERIENCE /

OCCUPATION	SEX	EMPLOYER	OWN ACCOUNT WORKER	EMPLOYEE	UN PAID FAMILY WORKER	OTHER	TOTAL
PROFESSIONAL & TECHNICAL	M				236		236
	F				244		244
	M+F				480		480
CLERICAL & RELATED	M			470		244	714
	F			723			723
	M+F			1193		244	1437
SALES	M	240	972	242			1454
	F					243	243
	M+F	240	972	242		243	1697
SERVICE	M		241	2336		234	2811
	F			4786		474	5260
	M+F		241	7122		708	8071
AGRICULTURAL & RELATED	M	226	462	716			1404
	F			241			241
	M+F	226	462	957			1645
PRODUCTION & RELATED	M		714	4742		717	6173
	F			254			254
	M+F		714	4996		717	6427
NOT CLASSIFIED	M		238	477		231	946
	F						
	M+F		238	477		231	946
TOTAL	M	466	2627	9219		1426	13738
	F			6248		717	6965
	M+F	466	2627	15467		2143	20703

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MANPOWER & HOUSING SAMPLE SURVEY - ADDIS ABABA.
 TABLE 9 - UNEMPLOYED PERSONS BY ACTION TAKEN TO GET A JOB

ACTION TAKEN	MALE	FEMALE	TOTAL
CHECKED WITH GOVERNMENT, OFFICE	1174	2905	4079
CHECKED WITH PRIVATE, OFFICE	8555	4952	13507
ASKED RELATIVES.....	953	703	1656
WROTE APPLICATIONS.....	1407	1686	3093
OTHER	1453	2186	3639
NONE	4943	1923	6866
NOT STATED.....	488	966	1454
T O T A L	18973	15321	34294

74500
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 5%
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MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE-10 UNEMPLOYED PERSONS BY HIGHEST GRADE ATTAINED SEX & DURATION OF UNEMPLOYMENT

HIGHEST GRADE	SEX	DURATION OF UNEMPLOYMENT						TOTAL
		LESS THAN 1	1	2	3	4	5+	
PRIEST/KORANIC AND ADULT CLASSES	M	1335	232		830	715		
	F	475	225					247
	M+F	1810	457		830	715		3359
GRADES 1-6	M	2158	717		710	484		247
	F	1674	481		238			245
	M+F	3832	1198		948	737	254	485
GRADES 7-8	M	465	470					730
	F				228			243
	M+F	465	470		252	246		474
GRADES 9-12	M	472	485					717
	F	731	984					482
	M+F	1203	1469		472	234		482
INTERMEDIATE/POST SECONDARY SCHOOL	M				472			246
	F	477						246
	M+F	477			472	234		482
READ ONLY	M							
	F	254						
	M+F	254						
ILLITERATE	M	5331	1183					
	F	3347	1399		1554			245
	M+F	8678	2582		949			946
NOT STATED	M				2503			1668
	F	232						2614
	M+F	232						2614
TOTAL	M	8725	3087		3094	1427		1670
	F	6227	3089		1911	733		2633
	M+F	14952	6176		5005	2160		4303

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MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE 11 - UNEMPLOYED HEAD OF HOUSEHOLDS BY AGE GROUP AND SEX

AGE-GROUP	MALE	FEMALE	TOTAL
15-19	231	240	471
20-24	714	721	1435
25-29	1191	1213	2404
30-34	2390	958	3348
35-39	1199	707	1906
40-44	2133		2133
45-49	1549	234	1783
50-54	438	249	737
55-59	232		232
60-64	237		237
65-99	139		139
	10503	4322	14825

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA
TABLE: 1 DISTRIBUTION OF HOUSING UNITS BY PURPOSE AND WEREDA

WEREDA	PURPOSE OF HOUSING UNIT								TOTAL	
	RESIDENTIAL		RESIDENTIAL AND BUSINESS		BUSINESS ESTABLISHMENTS		OTHER			
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
GULELE	7574	47.4	7975	49.9	354	2.2	86	0.5	15989	100.0
GEFFERSA	15193	79.0	3452	18.0	485	2.5	94	0.4	19224	100.0
BOLE	28790	88.1	2509	7.7	1129	3.4	252	0.8	32680	100.0
LIDETA	10934	86.1	1202	9.4	392	3.1	168	1.4	12696	100.0
YEKA	10703	89.6	984	8.2	192	1.6	67	0.6	11946	100.0
TEKLEHAIMANOT	40288	74.9	5425	10.1	7721	14.4	350	0.6	53784	100.0
ARADA	10459	81.3	1279	9.9	881	6.9	247	1.9	12860	100.0
ENTOTO	16474	87.8	1878	10.0	220	1.2	190	1.0	18762	100.0
MEKAKELEGNA	28041	86.9	2835	8.8	827	2.6	549	1.7	32252	100.0
KOLYE	14457	80.0	3334	18.4	130	0.7	167	1.0	18088	100.0
ADDIS ABABA	182913	80.1	30873	13.5	12331	5.4	2170	1.0	228287	100.0

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE 2 HOUSING UNITS BY TYPE AND TENURE

T E N U R E	T Y P E O F H O U S I N G U N I T					T O T A L
	S I N G L E U N I T S T R U C T U R E	V I L L A H O U S E S	M U L T I U N I T S T R U C T U R E	A P A R T M E N T / S T O R E Y H O U S E S	O T H E R	
RENTIER	20846	1782	108124	1097	1291	133140
OWNER	31318	5423	25237	-	128	62106
RENT FREE (IN EXCHANGE FOR HOUSE OWNED ELSEWHERE)	442	-	1777	-	-	2219
RENT FREE (UNTIL OWNER SELECTED HOUSE IS VACATED)	422	227	1091	-	-	1740
RENT FREE (OCCUPANT PHYSICALLY DIS- ABLED AND/OR UNABLE TO PAY)	1867	443	8708	-	1796	12814
RENT FREE (FOR OTHER REASONS NOT STATED)	-	-	1336	-	-	1336
	209	-	221	-	-	430
TOTAL	55104	7875	146494	1097	3215	213786

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE: 3 DISTRIBUTION OF HOUSING UNITS BY TENURE AND WEREDA

WEREDA	TENURE				TOTAL	
	OWNER/FREE*		RENTIER			
	NUMBER	%	NUMBER	%	NUMBER	%
GULELE	8069	51.9	7480	48.1	15549	100.0
GEFERSA	6305	37.8	12340	66.2	18645	100.0
BOLE	11454	36.6	19845	63.4	31299	100.0
LIDETA	4825	39.8	7311	60.2	12136	100.0
YEKA	5934	50.8	5753	49.2	11687	100.0
TEKLEHAIMANOT	11317	24.8	34396	75.2	45713	100.0
ARADA	2357	20.1	9381	79.9	11738	100.0
ENTOTO	11213	61.1	7139	38.9	18352	100.0
MEKAKELEGNA	10820	35.0	20056	65.0	30876	100.0
KOLFE	8352	47.0	9439	53.0	17791	100.0
ADDIS ABABA	80646	37.7	133140	62.3	213786	100.0

*Note: Definition of FREE as given in Table 2 above.

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE 4. HOUSING UNITS BY MATERIAL USED FOR WALL CONSTRUCTION AND TENURE

TENURE	MATERIAL USED FOR WALL				TOTAL
	WOOD AND MUD	BRICK	STONE	OTHER	
RENTIER	124779	3735	879	3747	133140
OWNER	57264	1856	1314	1673	62107
RENT FREE (IN EXCHANGE FOR HOUSE OWNED ELSEWHERE)	2219	-	-	-	2219
RENT FREE (UNTIL OWNER SELECTED HOUSE IS VACANTED)	1531	-	-	209	1740
RENT FREE (OCCUPANT PHYSICALLY DISABLED AND/OR UNABLE TO PAY)	11070	425	441	878	12814
RENT FREE (FOR OTHER REASONS)	1336	-	-	-	1336
NOT STATED	221	209	-	-	430
TOTAL	198420	6225	2634	6507	213786

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE 5. HOUSING UNITS BY MATERIAL USED FOR ROOF CONSTRUCTION AND TENURE

TENURE	MATERIAL USED FOR ROOF				TOTAL
	CORRUGATED IRON SHEET	CONCRETE	THATCH	OTHER	
RENTIER	131340	896	-	905	133141
OWNER	60454	-	466	1186	62106
RENT FREE (IN EXCHANGE FOR HOUSE OWNER ELSEWHERE)	2219	-	-	-	2219
RENT FREE (UNTIL OWNER SELECTED HOUSE IS VACATED)	1740	-	-	-	1740
RENT FREE (OCCUPANT PHISICALLY DISABLED AND/OR UNABLE TO PAY)	12687	-	127	-	12814
RENT FREE (FOR OTHER REASONS)	1336	-	-	-	1336
NOT STATED	430	-	-	-	430
TOTAL	210206	896	593	2091	213786

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TABLE 6 HOUSING UNITS BY TOILET FACILITIES AND MATERIALS USED
IN THE CONSTRUCTION OF FLOOR

TOILET FACILITIES	MATERIAL USED FOR FLOOR					TOTAL
	EARTHEN	WOOD	CEMENT	TILES	OTHER	
DRY PIT, PRIVATE	9800	13014	1395	1094	2826	28129
DRY PIT, COMMON	78448	36271	3774	1547	872	120912
FLUSH, PRIVATE	426	4317	1590	217	660	7210
FLUSH, COMMON	224	1082	675	1088	-	3069
NONE	48400	3032	209	-	864	52505
OTHER	1084	877	-	-	-	1961
TOTAL	138382	58593	7643	3946	5222	213786

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE 7 HOUSING UNITS BY TOILET FACILITIES AND WATER SUPPLY

TOILET FACILITIES	WATER SUPPLY					TOTAL
	P I P E D W A T E R				OTHER	
	INSIDE HOUSING UNIT	WITHIN COMPOUND	OUTSIDE COMPOUND	COUPON PURCHASE		
DRY PIT, PRIVATE	3452	17606	4041	1923	1107	28129
DRY PIT, COMMON	2183	67843	17132	27296	6458	120912
FLUSH, PRIVATE	4212	2998	-	-	-	7210
FLUSH, COMMON	659	1960	224	-	226	3069
NONE	868	9249	14837	16017	11534	52505
OTHER	227	430	225	644	435	1961
TOTAL	11601	100086	36455	45880	19760	213786

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE 8. HOUSING UNITS BY TOILET FACILITIES AND TYPE OF CEILING

TOILET FACILITIES	TYPE OF CEILING					TOTAL
	FABRICS	HARD BOARD	CONCRETE	NONE	OTHER	
DRY PIT, PRIVATE	14066	4876	-	8536	651	28129
DRY PIT, COMMON	40857	5522	220	74086	217	120912
FLUSH, PRIVATE	2171	4404	209	426	-	7210
FLUSH, COMMON	876	1969	-	224	-	3069
NONE	3881	419	128	47860	217	52505
OTHER	220	430	-	1084	227	1961
TOTAL	62071	17620	557	132226	1312	213786

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA
TABLE 9- PERCENTAGE DISTRIBUTION OF MONTHLY RENT
OF RESIDENTIAL AND PARTLY RESIDENTIAL HOUSING UNITS BY WEREDA

MONTHLY RENT	GULELE	GEFERESA	BOLE	LEDTA	YRKA	TEKLE-HAIMANOT	ARADA	ENTOTO	MEKA-KELEGNA	KOLFE	ADDIS ABABA	
											AMOUNT	%
UNDER 5 BIRR.	28.9	7.5	4.7	5.6	4.7	3.4	1.2	11.6	2.0	20.8	107,135	4.9
5 - 9	19.6	23.0	13.9	15.3	7.9	22.5	8.6	12.5	6.8	23.0	300,222	13.6
10 - 14	6.1	13.7	9.3	6.6	4.5	13.1	7.7	6.0	3.8	7.2	173,295	7.9
15 - 19	6.0	9.6	5.5	4.8	2.6	9.4	7.2	2.7	2.7	4.3	121,953	5.5
20 - 24	4.4	11.7	6.3	4.8	1.5	8.8	6.1	5.5	3.0	2.3	122,666	5.6
25 - 49	18.3	15.7	13.1	17.8	7.8	17.1	15.8	10.0	9.4	7.4	286,311	13.0
50 - 74	8.0	7.7	7.7	4.6	9.3	6.6	11.9	10.3	6.0	3.1	161,664	7.3
75 - 99	1.8	1.3	6.4	1.7	-	3.9	2.6	1.1	2.5	1.2	65,484	3.0
100 - 149	-	1.8	7.8	5.7	12.0	3.6	13.6	4.4	11.0	1.7	171,540	7.8
150 - 199	-	2.4	10.1	4.2	38.6	2.1	7.9	-	8.2	2.1	168,746	7.7
200 - 299	6.9	1.6	4.8	3.8	6.2	4.3	10.5	-	8.3	2.8	130,926	5.9
300 - 399	-	-	3.1	2.7	-	0.8	1.4	3.6	2.8	13.0	50,963	2.3
400 - 499	-	-	5.5	6.8	-	1.0	-	18.8	2.9	11.1	73,858	3.3
500 - 599	-	-	-	4.0	4.9	0.8	-	13.5	10.9	-	95,322	4.3
600 & ABOVE	-	4.0	1.8	11.6	-	2.6	5.5	-	15.8	-	150,018	6.8
NOT STATED	-	-	-	-	-	0.0	-	-	3.9	-	25,045	1.1
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	2,205,128	100.0

NOTE: The total monthly rent for residential and partly residential housing units in Addis Ababa is 2,205,128 Birr, of which total rent of residential housing units with monthly rent below 100 Birr amount to 1,338,730 Birr and those with monthly rent above 100 Birr amount to 841,353 Birr. The survey covered only residential and partly residential housing units and did not cover non-residential housing units such as office buildings, business establishments, shops, stores and diplomatic residences.

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE: 10 DISTRIBUTION OF RESIDENTIAL HOUSING UNITS BY NUMBER OF HOUSEHOLDS ACCOMMODATED AND WEREDA

WEREDA	DISTRIBUTION OF UNITS USED FOR RESIDENCE BY NUMBER OF HOUSEHOLDS								TOTAL	
	1		2		3		4 AND ABOVE			
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
GULELE	14349	92.3	1096	7.0	73	0.5	30	0.2	15548	100.0
GEFERSA	16019	85.9	1783	9.6	429	2.3	414	2.2	18646	100.0
BOLE	29009	92.7	1445	4.6	632	2.0	214	0.7	31300	100.0
LIDETA	10608	87.4	1247	10.3	193	1.6	88	0.7	12136	100.0
YEKA	10768	92.1	591	5.1	166	1.4	162	1.4	11687	100.0
TEKLEHAIMANOT	40048	87.6	3953	8.6	1119	2.5	594	1.3	45714	100.0
ARADA	10252	87.3	910	7.8	358	3.0	218	1.9	11738	100.0
ENTOTO	16722	91.1	1305	7.1	226	1.2	99	0.6	18352	100.0
MEKAKELEGNA	28144	91.2	2209	7.2	366	1.2	157	0.5	30876	100.0
KOLFE	15506	87.2	1630	9.2	360	2.0	294	1.6	17790	100.0
ADDIS ABABA	191425	89.5	16169	7.6	3922	1.8	2270	1.1	213786	100.0

NOTE: 10.5% of the households were found to be living in shared housing units.

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MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE --11 DISTRIBUTION OF HOUSEHOLDS AND PERSONS IN HOUSEHOLDS BY HOUSEHOLD SIZE

WEREDA	NUMBER OF HOUSEHOLDS & PERSONS	SIZE OF HOUSEHOLD											TOTAL
		1	2	3	4	5	6	7	8	9	10+	N/S	
GULELE	HOUSEHOLDS	1928	2377	2400	2396	1962	1613	1202	1124	541	858	-	16401
	PERSONS	1928	4754	7200	9584	9810	9678	8414	8992	4869	11827	-	77056
GEFERSA	HOUSEHOLDS	4645	2725	3068	2626	2311	1857	1555	1069	804	2248	-	22908
	PERSONS	4645	5450	9204	10504	11555	11142	10885	8552	7236	29097	-	108270
BOLE	HOUSEHOLDS	4842	4933	4578	4560	4051	2819	2439	1943	1230	2301	-	33696
	PERSONS	4842	9866	13734	18240	20255	16914	17073	15544	11070	31158	-	158696
LIDETA	HOUSEHOLDS	1983	1990	1709	1836	1619	1174	1069	665	434	824	-	13303
	PERSONS	1983	3980	5127	7344	8095	7044	7483	5320	3906	11025	-	61307
YEKA	HOUSEHOLDS	1916	1381	1531	1817	1411	1330	1260	645	592	908	-	12791
	PERSONS	1916	2762	4593	7268	7055	7980	8820	5160	5328	11406	-	62288
TERLE HAIMANOT	HOUSEHOLDS	11525	7550	7303	6740	6007	4857	3602	2808	1985	3329	13	55721
	PERSONS	11525	15100	21915	26960	30035	29142	25214	22464	17865	45376	-	245596
ARADA	HOUSEHOLDS	4053	2355	1951	1624	1253	993	751	380	368	594	-	14322
	PERSONS	4053	4710	5853	6496	6265	5958	5257	3040	3312	8046	-	52990
ENTOTO	HOUSEHOLDS	3995	3121	2896	2926	2178	1358	1527	896	457	608	-	19962
	PERSONS	3995	6242	8688	11704	10890	8148	10689	7168	4113	10644	-	82281
MEKAKELEGNA	HOUSEHOLDS	5582	4737	5075	4454	3277	2916	2538	1362	1056	2429	249	33675
	PERSONS	5582	9474	15225	17816	16385	17496	17766	10896	9504	31492	-	151636
KOLFE	HOUSEHOLDS	3406	2784	2804	3003	2172	1808	1555	1221	703	1605	-	21061
	PERSONS	3406	5568	8412	12012	10860	10848	10885	9768	6327	21645	-	99731
ADDIS ABABA	HOUSEHOLDS	43875	33953	33317	31982	26241	20725	17498	12113	8170	15704	262	243840
	PERSONS	43875	67906	99951	127928	131205	124350	122486	96904	73530	211716	-	1099851

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA
 TABLE 12- PERCENTAGE DISTRIBUTION OF HOUSEHOLDS AND PERSONS IN
 THE HOUSEHOLDS BY HOUSEHOLD SIZE

WEEKDA	PERCENTAGE DISTRIBUTION OF HHs & PERSONS	S I Z E O F H O U S E H O L D											TOTAL
		1	2	3	4	5	6	7	8	9	10+	n/s	
GULELE	HOUSEHOLDS	11.8	14.3	14.6	14.6	12.0	9.8	7.3	6.9	3.3	5.2	-	100.0
	PERSONS	2.5	6.2	9.3	12.4	12.7	12.6	10.9	11.7	6.3	15.4	-	
GEYERBA	HOUSEHOLDS	20.3	11.9	13.4	11.4	10.1	8.1	6.8	4.2	3.5	9.8	-	100.0
	PERSONS	4.3	5.0	8.5	9.7	10.7	10.3	10.0	7.9	6.7	26.9	-	
NOLE	HOUSEHOLDS	14.4	14.6	13.6	13.5	12.0	8.4	7.2	5.8	3.7	6.8	-	100.0
	PERSONS	3.1	6.2	8.6	11.5	12.8	10.6	10.8	9.8	7.0	19.6	-	
LIBETA	HOUSEHOLDS	14.9	15.0	12.8	13.8	12.2	8.8	8.0	5.0	3.3	6.2	-	100.0
	PERSONS	3.2	6.5	8.3	12.0	13.2	11.5	12.2	8.7	6.4	18.0	-	
YEKA	HOUSEHOLDS	13.0	10.8	12.0	14.2	11.0	10.4	9.9	5.0	4.6	7.1	-	100.0
	PERSONS	3.1	4.4	7.4	11.7	11.3	12.8	14.2	8.3	8.5	18.3	-	
T/HAIMANOT	HOUSEHOLDS	20.7	13.5	13.1	12.1	10.8	8.7	6.5	5.0	3.6	6.0	-	100.0
	PERSONS	4.7	6.1	8.9	11.0	12.2	11.9	10.3	9.1	7.3	18.5	-	
ARADA	HOUSEHOLDS	28.3	16.4	13.6	11.3	8.8	6.9	5.2	2.7	2.6	4.2	-	100.0
	PERSONS	7.6	8.9	11.0	12.3	11.8	11.3	9.9	5.7	6.3	15.2	-	
ENTOTO	HOUSEHOLDS	20.0	15.6	14.5	14.7	10.9	6.8	7.7	4.5	2.3	3.0	-	100.0
	PERSONS	4.9	7.6	10.6	14.2	13.2	9.9	13.0	8.7	5.0	12.9	-	
MEKAKE-LEGNA	HOUSEHOLDS	16.6	14.1	15.1	13.2	9.7	8.7	7.5	4.1	3.1	7.2	0.7	100.0
	PERSONS	3.7	6.2	10.0	11.8	10.8	11.5	11.7	7.2	6.3	20.8	-	
KOLFE	HOUSEHOLDS	15.2	13.2	13.3	14.3	11.3	8.6	7.4	5.8	3.3	7.6	-	100.0
	PERSONS	3.4	5.6	8.4	12.1	10.9	10.9	10.9	9.8	6.3	21.7	-	
ADDIS ABABA	HOUSEHOLDS	18.0	13.9	13.7	13.1	10.8	8.5	7.2	5.0	3.3	6.4	0.1	100.0
	PERSONS	4.0	6.2	9.1	11.6	11.9	11.3	11.1	8.8	6.7	19.3	-	

MANPOWER AND HOUSING SAMPLE SURVEY - ADDIS ABABA

TABLE-13 DISTRIBUTION OF HOUSING UNITS BY WEREDA AND NUMBER OF ROOMS

WEREDA	N U M B E R O F R O O M S											TOTAL
	1	2	3	4	5	6	7	8	9	10	N/S	
GULELE	17.3	33.6	25.6	13.5	6.0	2.2	0.9	0.1	0.1	0.3	0.4	100.0
GEFERSA	25.1	30.8	22.4	7.5	6.0	3.5	2.3	1.2	0.6	0.6	-	100.0
BOLE	28.4	28.1	18.1	8.9	6.4	3.9	2.5	1.3	0.8	0.9	0.7	100.0
LIDETA	22.4	33.2	22.7	11.2	4.6	2.0	1.4	0.9	0.5	0.9	0.2	100.0
YEKA	19.9	21.9	16.4	11.7	13.3	7.3	3.9	1.5	1.1	1.3	1.7	100.0
TEKLE HAIMANOT	30.0	40.1	18.0	6.1	2.5	1.5	0.6	0.3	0.2	0.3	0.4	100.0
ARADA	48.4	25.7	13.5	4.9	3.3	2.1	0.5	0.5	0.2	0.7	0.2	100.0
ENTOTO	31.1	29.8	19.9	9.9	3.9	2.6	1.3	0.6	0.3	0.3	0.3	100.0
MEKAKELEGNA	27.8	33.5	16.3	8.3	5.2	3.4	2.0	1.4	0.8	1.0	0.3	100.0
KOLFE	14.6	40.2	19.9	12.6	5.1	2.8	1.9	1.0	0.9	0.7	0.3	100.0
ADDIS ABABA	26.9	33.1	19.0	8.9	5.1	2.9	1.6	0.9	0.5	0.7	0.4	100.0

Estimation

1. Let Y_{hij} = Characteristic observed on the j^{th} selected household in the i^{th} selected EA of the h^{th} stratum.

Where $j = 1, 2, \dots, n_{hi}$

$i = 1, 2, \dots, n_h$

$h = 1, 2, \dots, 10$ (total number of weredas in Addis Ababa)

2. Let \hat{Y}_{st} = estimator of the total value of the "Y" characteristic for all strata based on all sample households

then
$$\hat{Y}_{st} = \sum_{h=1}^{10} \frac{1}{n_h \phi_i} \sum_{i=1}^{n_h} \frac{N_{hi}}{n_{hi}} \sum_{j=1}^{n_{hi}} Y_{hij}$$

Where:

ϕ_i = probability of selecting the i^{th} enumeration area in the h^{th} stratum.

n_h = number of EAS selected in the h^{th} stratum

n_{hi} = number of households selected in the i^{th} selected EA of the h^{th} stratum.

Accuracy of the Survey

There are two possible sources of error that can arise in sample surveys - sampling and non sampling errors.

a) Sampling Error

A measure of the possible error introduced by the use of sampling methods as apposed to a complete count is known as the sampling error. This is a measure of how closely we can expect the results obtained from a sample to correspond to the results which would have been obtained if a complete count had been taken (using the same definition and procedures).

1. The first part of the paper discusses the importance of the research and the objectives of the study.

2. The second part of the paper describes the methodology used in the study, including the data collection and analysis techniques.

3. The third part of the paper presents the results of the study, including the findings and the conclusions drawn from the data.

4. The fourth part of the paper discusses the implications of the study and the future research directions.

5. The fifth part of the paper provides a summary of the study and the key findings.

The sample error has been calculated on the assumption that the first stage units (EAs) were independently selected, and the formula used for the purpose is.

$$\hat{V}(\hat{Y}_{st}) = \sum_{h=1}^{10} \frac{1}{nh(nh-1)} \sum_{i=1}^{nh} (\hat{Y}_{hi} - \hat{Y}_h)^2$$

where $\hat{V}(\hat{Y}_{st})$ = estimator of the variance of \hat{Y}_{st} .

nh = no. of EAs selected in the h^{th} stratum

\hat{Y}_{hi} = estimator of Y_h based on the i^{th} selected EA (Y_h = total value of Y in the h^{th} stratum)

\hat{Y}_h = estimator of Y_h based on all selected EAS in the h^{th} stratum

$$= \sum_{i=1}^{nh} \frac{\hat{Y}_{hi}}{nh}$$

The standard error of \hat{Y}_{st} will then be the square root of $\hat{V}(\hat{Y}_{st})$. More often, coefficient of variation (relative standard error) is used in the assessment of the reliability of an estimate instead of the absolute standard error. Coefficient of variation is defined as the standard error of the estimate divided by the value being estimated. The smaller the size of coefficient variation, the more reliable an estimate is. In general, an estimate is considered to be satisfactory, if its' coefficient of variation is less than 10%.

b) Non-Sampling Error

These errors include bias due to incorrect information supplied by respondents; errors due to enumerators, refusals etc.. Steps have been taken to minimize the non-sampling error.

Finally, users of the data are advised to take into consideration effects of the above mentioned errors when using the results of the survey.

$$V(\bar{y}) = \frac{1}{n} \sum_{i=1}^n V(y_i) = \frac{1}{n} \sum_{i=1}^n \frac{1}{n} V(y_i) = \frac{1}{n^2} \sum_{i=1}^n V(y_i)$$

$V(\bar{y})$ = estimator of the variance of \bar{y}
 n = no. of obs selected in the n trials
 $V(y_i)$ = estimator of its based on the n selected
 $\sum_{i=1}^n V(y_i)$ = estimator of its based on all selected obs in the n trials

$$\frac{V(\bar{y})}{V(y_i)} = \frac{1}{n}$$

The standard error of \bar{y} will vary in the square root of $V(\bar{y})$
 Coefficient of variation (relative standard error) is an
 the assessment of the reliability of an estimate instead of the
 absolute standard error. Coefficient of variation is defined as the
 standard error of the estimate divided by the value being estimated.
 smaller the size of coefficient variation, the more reliable an
 estimate is. In general, an estimate is considered to be satisfactory
 if the coefficient of variation is less than 10%.

b) Non-sampling Error

These errors include bias due to incorrect information supplied
 respondents; errors due to enumerators; non-response errors; errors
 in taken to eliminate the non-sampling error.
 Finally, basis of the data are advised to take into consideration
 these non-sampling errors while using the results of the

A table of coefficient of variation for selected characteristics is given below.

Characteristic	Estimated Total	Coefficient of Variation
Households	243,840	3.6 Percent
Persons	1,099,851	3.8 "
Employed persons	321,940	4.3 "
Unemployed persons	34,294	9.9 "
Housing units	228,287	2.5 "
A) Dwelling units	182,914	3.4 "
B) Dwelling and Establishments	50,872	7.9 "

A table of coefficient of variation for selected characteristics is given below.

Characteristic	Estimated Total	Coefficient of Variation
Households	247,840	2.3 Percent
Persons	1,098,881	3.8
Employed persons	651,940	4.7
Unemployed persons	44,541	9.3
Housing units	254,755	3.8
(A) Dwelling units	195,911	3.4
(B) Dwelling units Establishments	58,844	9.5

PROVISIONAL MILITARY GOVERNMENT OF SOCIALIST ETHIOPIA
CENTRAL STATISTICAL OFFICE
MANPOWER AND HOUSING SAMPLE SURVEY

1. CITY	CODE	2. WEREDA	CODE	3. SUB-WEREDA	4. KEBELE	5. K.A. NO.	6. HOUSING UNIT	7. SELECTED
	1 2 3		4 5		No. 6 7 8 9 10 11 12 13 14 15			16 17

PART I- HOUSING PARTICULARS

8 SERIAL NUMBER	9 NAME OF HOUSEHOLD MEMBERS	10 RELATIONSHIP TO HOUSEHOLD HEAD	11 Sex: 1. Male 2. Female		12 AGE	13 MARRIAGE STATUS	14 LENGTH OF CURRENT MARRIAGE	15 LENGTH OF CONTINUOUS RESIDENCE	16 BIRTH PLACE	17 LANGUAGE	18 LITERACY	19 TEN YEAR & OVER ONLY				20 HIGHEST GRADE COMPLETED	21 DAYS WORKED	22 REASON FOR NOT WORKING
			20	21								22	23					
01									29 30 31		32 33 34				35 36 37 38	39 40		
02																		
03																		
04																		
05																		
06																		
07																		
08																		
09																		
10																		

NOTE: CIRCLE THE SERIAL NUMBER OF THE RESPONDENT

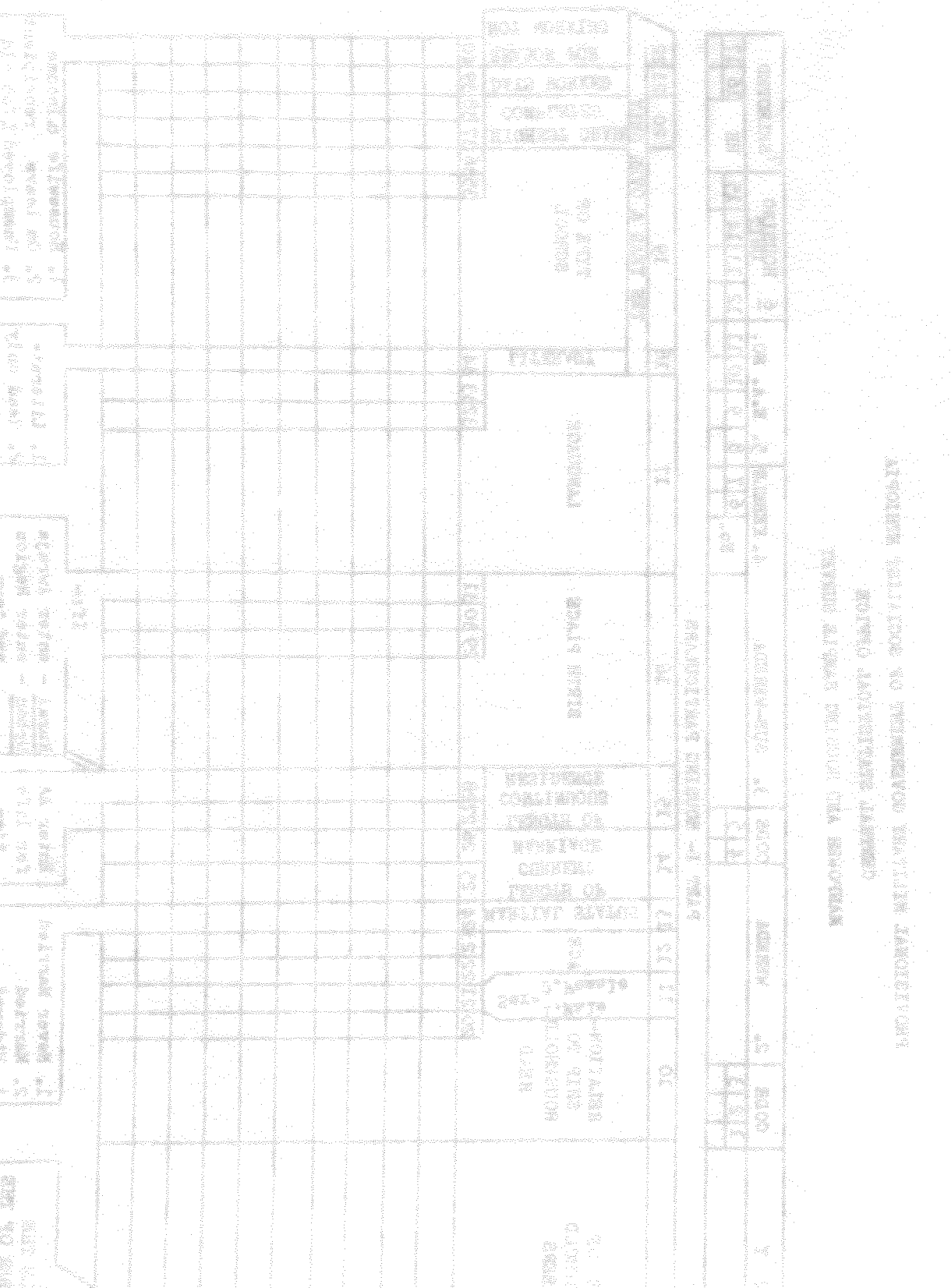
- 1. Never Married
- 2. Married
- 3. Widowed
- 4. Divorced

Enter AA for life time residents

If:-
Rural - enter Awraja
Urban - enter Region and town
 Outside - enter country name

- 1. Literate
- 2. Read only
- 3. Illiterate

- 1. Housewife & Income
- 2. On Leave recipient
- 3. Unemployed & Too old
- 4. Student & Invalid
- 5. Prisoner & Other



RECEPTION OFFICE

OFFICE

REST ROOM

STAIRS

5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

RECEPTION OFFICE

OFFICE

REST ROOM

STAIRS

PART 2 - FOR PERSONS WHO HAD WORK LAST WEEK

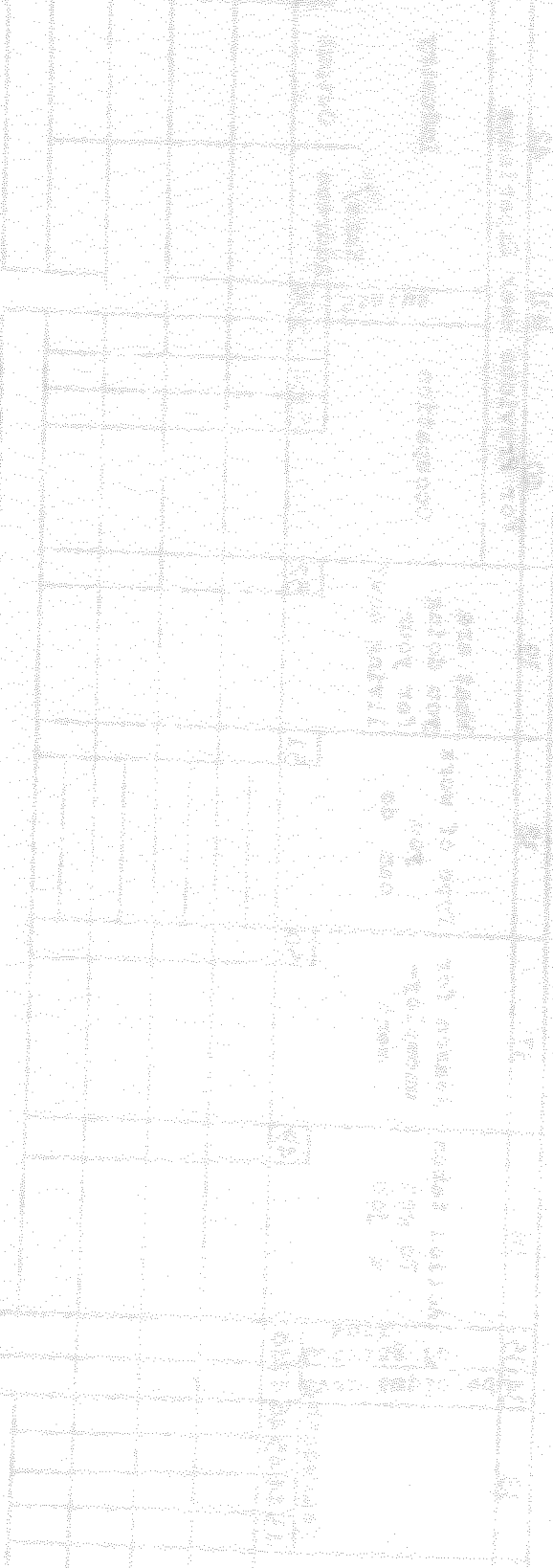
23		24				25				26	27				28	29				30		
SR. NO. OF THE PERSON IN PART I	41	Name of the person who had work				Occupation				STATUS	Industry				NO. OF HOURS WORKED	LAST WEEK'S GROSS INCOME				IF UNEMPLOYED, WHAT DO YOU DO FOR A LIVING?		
																						42

1. Employer
2. Own Account Worker
3. Employee
4. Unpaid Family Worker
5. Other

Note: To get the weekly income multiply monthly income by 7/30

1. 1st Party Analysis
 2. 2nd Party Analysis
 3. 3rd Party Analysis
 4. 4th Party Analysis

5. 5th Party Analysis
 6. 6th Party Analysis
 7. 7th Party Analysis



1. 1st Party Analysis
 2. 2nd Party Analysis
 3. 3rd Party Analysis
 4. 4th Party Analysis
 5. 5th Party Analysis
 6. 6th Party Analysis
 7. 7th Party Analysis

PART 4 / A - HOUSEHOLD INCOME

SOURCE OF INCOME		AMOUNT	CODE			
60	EMPLOYMENT		61	62	63	64
1						
65	BUSINESS		66	67	68	69
2						
70	PROPERTY		71	72	73	74
3						
75	TRANSFER		76	77	78	79
4						
TOTAL						

REMARKS

PART 4 / B - POSSESSION OF COMMUNICATION EQUIPMENT

44	80	Radio	1. Yes	2. No
45	81	T.V. Set	1. Yes	2. No
46	82	Phone	1. Yes	2. No

 	N A M E	Sig.	Date
Enumerator			
Supervisor			
Editor			

DATE	TIME	NAME	AGE
11/11/11	10:00	JOHN	45
11/11/11	10:00	JANE	42
11/11/11	10:00	JOHN	45

TABLE 1 - LABORATION OF VARIATION

DATE	TIME	NAME	AGE
11/11/11	10:00	JOHN	45
11/11/11	10:00	JANE	42
11/11/11	10:00	JOHN	45

TABLE 2 - LABORATION OF VARIATION

DATE	TIME	NAME	AGE
11/11/11	10:00	JOHN	45
11/11/11	10:00	JANE	42
11/11/11	10:00	JOHN	45

DATE	TIME	NAME	AGE
11/11/11	10:00	JOHN	45
11/11/11	10:00	JANE	42
11/11/11	10:00	JOHN	45

1	CITY			WEREDA		SUB- WEREDA					KEBELE E.A. Number					No. Housing U					Selected		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

HOUSING CHARACTERISTICS

8	18	Type of housing unit	12	24	Number of sharing households.	16	31	Type of Ceiling	19	34	Lighting Facilities				
	1. Single unit structure	2. Villa		3. Multi - unit structure	4. Apartment / Storey building		5. Other, explain	1. Fabric		2. Hard board	3. Concrete	4. None	5. Other	1. Electricity	2. Kerosene
9	19	Tenure	13	25	A) Number of persons in the housing unit	17	32	Type of Roof	20	35	Water Supply				
	1. Owner	2. Renter		3. Free/ Exchange for house owned elsewhere.	4. Free/ Till owner selected house is vacated.		5. Free/ occupant is invalid or unable to pay.	6. Other		1. Corrugated iron	2. Cement	3. Thatch	4. Other, explain	Piped water	1. inside housing unit
10	20	21	22	27	B) Number of rooms in the housing unit	18	33	Type of Toilet	21	36	Kitchen Facilities				
	Monthly rent	1. Earthen	2. Wood	3. Cement	4. Tiles		5. Other, explain	1. Dry pit, private		2. Dry pit, common	3. Flush, private	4. Flush, common	5. None	6. Other, explain	1. Kitchen, private
11	23	Is the housing unit shared?	15	30	Type of Floor										