

Somali MICS/PAPFAM 2006 Data Quality Tables

Table DQ.1: Age distribution of household population

Single-year age distribution of household population by sex (weighted), Somalia, 2006

	Males		Females			Males		Females	
	Number	Percent	Number	Percent		Number	Percent	Number	Percent
0	701	4.1	657	3.9	43	75	0.4	45	0.3
1	606	3.6	516	3.0	44	45	0.3	40	0.2
2	673	4.0	638	3.8	45	269	1.6	149	0.9
3	696	4.1	666	3.9	46	60	0.4	65	0.4
4	704	4.1	650	3.8	47	32	0.2	35	0.2
5	611	3.6	601	3.5	48	82	0.5	60	0.4
6	691	4.1	653	3.8	49	22	0.1	38	0.2
7	592	3.5	547	3.2	50	315	1.9	220	1.3
8	647	3.8	629	3.7	51	49	0.3	84	0.5
9	443	2.6	413	2.4	52	61	0.4	97	0.6
10	627	3.7	573	3.4	53	26	0.2	57	0.3
11	329	1.9	325	1.9	54	34	0.2	44	0.3
12	510	3.0	493	2.9	55	127	0.7	114	0.7
13	403	2.4	355	2.1	56	47	0.3	46	0.3
14	352	2.1	438	2.6	57	26	0.2	29	0.2
15	397	2.3	279	1.6	58	35	0.2	34	0.2
16	393	2.3	399	2.4	59	19	0.1	13	0.1
17	295	1.7	343	2.0	60	304	1.8	205	1.2
18	439	2.6	540	3.2	61	30	0.2	16	0.1
19	231	1.4	303	1.8	62	41	0.2	31	0.2
20	482	2.8	521	3.1	63	23	0.1	23	0.1
21	140	0.8	204	1.2	64	18	0.1	10	0.1
22	223	1.3	322	1.9	65	94	0.6	66	0.4
23	162	1.0	229	1.4	66	23	0.1	11	0.1
24	165	1.0	181	1.1	67	24	0.1	8	0.0
25	333	2.0	440	2.6	68	21	0.1	17	0.1
26	136	0.8	210	1.2	69	11	0.1	11	0.1
27	150	0.9	188	1.1	70	135	0.8	95	0.6
28	173	1.0	294	1.7	71	12	0.1	19	0.1
29	96	0.6	133	0.8	72	15	0.1	7	0.0
30	429	2.5	438	2.6	73	8	0.0	10	0.1
31	89	0.5	102	0.6	74	11	0.1	6	0.0
32	136	0.8	173	1.0	75	21	0.1	27	0.2
33	67	0.4	92	0.5	76	9	0.1	6	0.0
34	66	0.4	70	0.4	77	7	0.0	5	0.0
35	315	1.9	332	2.0	78	8	0.0	6	0.0
36	95	0.6	151	0.9	79	0	0.0	4	0.0
37	73	0.4	98	0.6	80+	88	0.5	100	0.6
38	131	0.8	182	1.1	DK/Missing	240	1.4	103	0.6
39	63	0.4	86	0.5					
40	460	2.7	365	2.2	Total	16988	100.0	16965	100.0
41	73	0.4	78	0.5					
42	125	0.7	102	0.6					

Table DQ.2: Age distribution of eligible and interviewed women

Household population of women age 10-54, interviewed women age 15-49, and percentage of eligible women who were interviewed (weighted), by five-year age group, Somalia, 2006

Age	Household population of women age 10-54	Interviewed women age 15-49		Percentage of eligible women interviewed
	Number	Number	Percent	
10-14	2183	na	na	na
15-19	1863	1705	25.2	91.5
20-24	1457	1351	20.0	92.7
25-29	1265	1187	17.5	93.8
30-34	875	822	12.1	94.0
35-39	850	796	11.8	93.7
40-44	630	582	8.6	92.3
45-49	347	329	4.9	94.7
50-54	502	na	na	na
15-49	7287	6772	100.0	92.9

Table DQ.3: Age distribution of eligible and interviewed under-5s

Household population of children age 0-4, children whose mothers/caretakers were interviewed, and percentage of under-5 children whose mothers/caretakers were interviewed (weighted), by five-year age group, Somalia, 2006

Age	Household population of children age 0-7	Interviewed children age 0-4		Percentage of eligible children interviewed
	Number	Number	Percent	
0	1346	1328	21.1	98.7
1	1111	1097	17.4	98.7
2	1264	1252	19.9	99.1
3	1340	1329	21.1	99.2
4	1312	1299	20.6	99.0
5	1237	na	na	na
6	1307	na	na	na
7	1117	na	na	na
0-4	6373	6305	100.0	98.9

Table DQ.4: Age distribution of under-5 children

Age distribution of under-5 children by 3-month groups (weighted), Somalia, 2006

	Males		Females		Total	
	Number	Percent	Number	Percent	Number	Percent
Age in months						
0-2	167	5.1	146	4.8	314	5.0
3-5	200	6.1	168	5.5	368	5.8
6-8	208	6.4	215	7.1	423	6.7
9-11	108	3.3	115	3.8	223	3.5
12-14	199	6.1	177	5.9	377	6.0
15-17	177	5.4	161	5.3	338	5.4
18-20	151	4.6	113	3.7	264	4.2
21-23	50	1.5	58	1.9	108	1.7
24-26	228	7.0	211	7.0	439	7.0
27-29	227	6.9	183	6.0	410	6.5
30-32	127	3.9	143	4.7	270	4.3
33-35	77	2.3	68	2.2	145	2.3
36-38	224	6.9	196	6.5	421	6.7
39-41	232	7.1	232	7.7	464	7.4
42-44	139	4.2	144	4.7	283	4.5
45-47	70	2.1	70	2.3	140	2.2
48-50	225	6.9	196	6.5	421	6.7
51-53	263	8.0	224	7.4	487	7.7
54-56	141	4.3	139	4.6	281	4.4
57-59	62	1.9	70	2.3	133	2.1
Total	3275	100.0	3030	100.0	6305	100.0

Table DQ.5: Heaping on ages and periods

Age and period ratios at boundaries of eligibility by type of information collected (weighted), Somalia, 2006

	Age and period ratios*			Eligibility boundary (lower-upper)	Module or questionnaire
	Males	Females	Total		
Age in household questionnaire					
1	0.9	0.9	0.9		
2	1.0	1.1	1.0	Lower	Child discipline and child disability
3	1.0	1.0	1.0		
4	1.1	1.0	1.0	Upper	Under-5 questionnaire
5	0.9	0.9	0.9	Lower	Child labour and education
6	1.1	1.1	1.1		
8	1.2	1.2	1.2		
9	0.8	0.8	0.8	Upper	Child disability
10	1.3	1.3	1.3		
13	1.0	0.8	0.9		
14	0.9	1.2	1.1	Upper	Child labour and child discipline
15	1.0	0.7	0.9	Lower	Women's questionnaire
16	1.1	1.2	1.1		
17	0.8	0.8	0.8	Upper	Orphaned and vulnerable children
18	0.9	0.9	0.9		
23	0.9	0.9	0.9		
24	0.8	0.6	0.7	Upper	Education
25	1.6	1.6	1.6		
48	1.8	1.3	1.6		
49	0.2	0.4	0.2	Upper	Women's questionnaire
50	2.4	1.9	2.2		

Table DQ.6: Completeness of reporting

Percentage of observations missing information for selected questions and indicators (weighted), Somalia, 2006

Questionnaire and Subject	Reference group	Percent with missing information*	Number of cases
Household			
Salt testing	All households surveyed	0.5	5969
Women			
Date of Birth	All women age 15-49		
Month only		65.8	6764
Month and year missing		0.0	6764
Date of first marriage/union	All ever married women age 15-49		
Month only		55.7	5047
Month and year missing		1.7	5047
Age at first marriage/union	All ever married women age 15-49	0.7	5047
Under-5			
Date of Birth	All under five children surveyed		
Month only		2.7	6305
Month and year missing		0.0	6305
Anthropometry	All under five children surveyed		
Height		6.6	6305
Weight		7.1	6305
Height or Weight		7.4	6305

* Includes "Don't know" responses

Table DQ.7: Presence of mother in the household and the person interviewed for the under-5 questionnaire

Distribution of children under five by whether the mother lives in the same household, and the person interviewed for the under-5 questionnaire (weighted), Somalia, 2006

Age	Mother in the household				Mother not in the household			Total	Number of children aged 0-4 years
	Mother interviewed	Father interviewed	Other adult female interviewed	Other adult male interviewed	Father interviewed	Other adult female interviewed	Other adult male interviewed		
0	96.9	0.3	0.7	0.1	0.0	2.0	0.0	100.0	1358
1	94.1	0.5	0.2	0.1	0.0	4.8	0.1	100.0	1122
2	91.7	0.3	0.7	0.0	0.2	6.9	0.2	100.0	1311
3	91.3	0.5	0.9	0.1	0.1	6.5	0.3	100.0	1361
4	88.7	0.2	0.9	0.2	0.5	8.7	0.6	100.0	1354
Total	92.5	0.4	0.7	0.1	0.2	5.8	0.2	100.0	6506

Table DQ.8: School attendance by single age

Distribution of household population age 5-24 by educational level and grade attended in the current year (weighted), Somalia, 2006

Age	Primary school										Secondary school										Total	Number
	Pre-school	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Higher	Koranic	Non standard curriculum	Don't know	Not attending school					
5	4.7	7.2	1.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.9	0.4	0.7	17.2	100	1212			
6	2.3	7.1	2.6	1.5	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	73.2	0.8	0.3	11.0	100	1344			
7	1.8	10.0	6.7	1.4	0.7	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	65.3	1.1	1.0	10.5	100	1139			
8	0.8	9.9	11.7	5.4	1.7	0.2	0.1	0.0	0.3	0.0	0.0	0.0	0.0	58.8	0.8	0.0	9.7	100	1276			
9	1.3	8.3	11.5	8.6	2.9	2.3	0.2	0.0	0.1	0.0	0.0	0.0	0.0	52.6	1.4	0.1	10.4	100	856			
10	1.2	5.5	11.8	9.0	7.6	2.0	1.3	0.0	0.1	0.1	0.0	0.0	0.0	47.8	1.0	0.2	11.1	100	1199			
11	0.4	3.9	9.4	7.7	9.9	5.7	3.2	0.0	0.2	0.0	0.0	0.0	0.0	44.4	1.8	0.6	11.8	100	654			
12	0.5	4.5	8.2	6.8	8.6	6.2	3.2	0.3	0.1	0.2	0.1	0.0	0.0	42.3	1.1	0.4	13.8	100	1003			
13	0.2	2.3	4.1	7.6	6.7	8.3	5.4	0.3	0.4	0.0	0.0	0.0	0.0	39.6	1.7	1.3	15.5	100	758			
14	0.2	1.2	4.5	4.9	6.5	6.3	6.4	0.8	0.8	0.8	0.7	0.0	0.2	29.4	3.4	0.5	23.7	100	789			
15	0.0	0.7	3.2	4.4	5.0	3.7	6.5	2.0	1.8	0.5	0.7	0.0	0.0	25.6	2.3	1.2	26.7	100	676			
16	0.0	1.1	1.5	4.1	4.9	3.3	5.3	3.7	2.9	0.8	0.9	0.1	0.4	22.0	3.7	0.9	30.8	100	792			
17	0.0	0.5	1.9	1.8	4.0	2.6	2.6	3.0	4.0	2.7	2.8	0.0	0.5	17.5	3.0	0.1	40.7	100	639			
18	0.0	0.7	0.8	2.4	2.1	2.4	2.1	2.9	2.3	4.2	2.4	0.0	0.6	13.9	3.1	1.1	50.3	100	978			
19	0.0	0.0	1.4	0.4	0.9	1.2	0.5	2.5	3.6	4.2	4.6	0.0	1.6	13.5	2.0	1.2	53.3	100	534			
20	0.0	0.1	0.6	0.2	0.7	1.3	0.9	1.3	2.1	2.1	3.0	0.0	1.8	14.5	2.4	0.3	66.5	100	1003			
21	0.0	0.0	0.0	0.6	1.6	0.3	0.5	0.6	4.0	1.4	5.8	0.0	3.8	10.6	3.8	0.8	64.2	100	344			
22	0.0	0.0	0.0	0.0	0.0	0.5	1.3	0.9	1.1	3.3	1.7	0.0	2.2	12.7	2.9	0.0	71.6	100	545			
23	0.0	0.9	0.2	0.0	1.7	0.2	1.7	0.2	0.4	2.1	3.9	0.0	2.0	7.5	3.5	0.2	73.5	100	391			
24	0.0	0.0	0.6	0.6	0.0	0.7	1.3	1.0	0.0	0.4	3.4	0.0	2.4	11.8	2.1	0.6	69.5	100	346			

Table DQ.9: Sex ratio at birth among children ever born and living

Sex ratio at birth among children ever born, children living, and deceased children, by age of women (weighted), Somalia, 2006

Age	Children Ever Born			Children Living			Children deceased			Number of women
	Number of sons ever born	Number of daughters ever born	Sex ratio	Number of sons living	Number of daughters living	Sex ratio	Number of deceased sons	Number of deceased daughters	Sex ratio	
15-19	227	200	1.1	191	186	1.0	36	14	2.6	1706
20-24	971	939	1.0	862	843	1.0	108	95	1.1	1354
25-29	1926	1760	1.1	1666	1529	1.1	261	231	1.1	1183
30-34	1997	1814	1.1	1660	1527	1.1	336	287	1.2	822
35-39	2549	2228	1.1	2089	1881	1.1	461	347	1.3	798
40-44	2130	1815	1.2	1728	1497	1.2	402	318	1.3	580
45-49	1162	1057	1.1	917	853	1.1	245	205	1.2	320
Total	10962	9814	1.1	9114	8316	1.1	1849	1498	1.2	6764

Table DQ.10: Distribution of women by time since last birth

Distribution of women aged 15-49 with at least one live birth, by months since last birth (weighted), Somalia, 2007

Months since last birth					
	Number	Percent		Number	Percent
0	77	3.2	12	85	3.6
1	110	4.6	13	132	5.6
2	132	5.6	14	155	6.5
3	119	5.0	15	115	4.9
4	119	5.0	16	97	4.1
5	130	5.5	17	89	3.8
6	138	5.8	18	64	2.7
7	198	8.4	19	100	4.2
8	110	4.6	20	67	2.8
9	76	3.2	21	18	0.8
10	81	3.4	22	23	1.0
11	62	2.6	23	65	2.7
12	85	3.6	24	2	0.1
			Total	2371	100

Typical data quality issues: Months since last birth may be heaped on periods of 6 months, 12 months, 24 months etc. In particular, the heaping on 24 months is problematic, since some women had a birth in the last 2 years, but did not declare them so.