

APPENDIX D: DATA QUALITY TABLES

Table DQ.1: Age distribution of household population

Single-year age distribution of household population by sex (weighted),
The Gambia, 2005/2006

	Males		Females			Males		Females	
	Number	Per cent	Number	Per cent		Number	Per cent	Number	Per cent
0	761	3.4	817	3.6	41	98	.4	102	.4
1	755	3.4	717	3.1	42	150	.7	145	.6
2	706	3.2	642	2.8	43	113	.5	102	.4
3	638	2.9	583	2.6	44	83	.4	69	.3
4	446	2.0	414	1.8	45	335	1.5	242	1.1
5	842	3.8	807	3.5	46	131	.6	105	.5
6	719	3.3	723	3.2	47	95	.4	58	.3
7	736	3.3	724	3.2	48	113	.5	78	.3
8	743	3.4	736	3.2	49	89	.4	64	.3
9	558	2.5	546	2.4	50	299	1.4	485	2.1
10	689	3.1	744	3.3	51	44	.2	134	.6
11	513	2.3	487	2.1	52	97	.4	211	.9
12	631	2.9	680	3.0	53	94	.4	129	.6
13	554	2.5	678	3.0	54	50	.2	89	.4
14	482	2.2	817	3.6	55	191	.9	217	1.0
15	661	3.0	439	1.9	56	98	.4	116	.5
16	508	2.3	465	2.0	57	77	.3	44	.2
17	443	2.0	455	2.0	58	99	.4	70	.3
18	570	2.6	571	2.5	59	48	.2	38	.2
19	336	1.5	378	1.7	60	322	1.5	279	1.2
20	585	2.7	689	3.0	61	31	.1	12	.1
21	268	1.2	311	1.4	62	51	.2	42	.2
22	313	1.4	344	1.5	63	48	.2	39	.2
23	279	1.3	342	1.5	64	33	.1	22	.1
24	304	1.4	359	1.6	65	161	.7	114	.5
25	467	2.1	576	2.5	66	33	.2	24	.1
26	273	1.2	361	1.6	67	47	.2	20	.1
27	246	1.1	314	1.4	68	57	.3	29	.1
28	289	1.3	399	1.8	69	39	.2	9	.0
29	208	.9	285	1.2	70	164	.7	154	.7
30	536	2.4	605	2.7	71	10	.0	7	.0
31	111	.5	156	.7	72	21	.1	12	.1
32	233	1.1	243	1.1	73	26	.1	12	.1
33	173	.8	202	.9	74	14	.1	7	.0
34	151	.7	156	.7	75	75	.3	71	.3
35	419	1.9	372	1.6	76	17	.1	10	.0
36	191	.9	203	.9	77	10	.0	2	.0
37	172	.8	157	.7	78	20	.1	15	.1
38	218	1.0	198	.9	79	6	.0	2	.0
39	147	.7	135	.6	80+	175	.8	172	.8
40	504	2.3	413	1.8	DK/ Missing	32	.1	18	.1
					Total	22072	100.0	22805	100.0

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, The Gambia, 2005/2006

	Household population of women aged 10-54	Interviewed women aged 15-49		Percentage of eligible women interviewed
	Number	Number	Per cent	
Age				
10-14	3407	.	.	.
15-19	2307	2246	22.	97.4
20-24	2044	1987	20.2	97.2
25-29	1935	1887	19.2	97.5
30-34	1361	1330	13.5	97.7
35-39	1065	1030	10.5	96.7
40-44	830	813	8.3	97.9
45-49	546	531	5.4	97.4
50-54	1048	na	Na	na
15-49	10088	9823	100.0	97.4

na: not applicable

Note: Weights for both household population of women and interviewed women are household weights.

Age is based on the household schedule.

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

Household population of children aged 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, The Gambia, 2005/2006

	Household population of children aged 0-7	Interviewed children aged 0-4		Percentage of eligible women interviewed
	Number	Number	Per cent	
Age				
0	1578	1558	24.4	98.7
1	1472	1448	22.7	98.4
2	1348	1330	20.8	98.7
3	1221	1202	18.8	98.5
4	860	842	13.2	97.9
5	1648	na	Na	na
6	1442	na	Na	na
7	1460	na	Na	na
0-4	6479	6382	100.0	98.5

na: not applicable

Note: Weights for both household population of children and interviewed children are household weights.

Age is based on the household schedule.

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

Age distribution of under-5 children by 3-month groups (weighted), The Gambia, 2005/2006

Age in months	Males		Females		Total	
	Number	Per cent	Number	Per cent	Number	Per cent
0-2	180	5.4	190	6.0	370	5.7
3-5	230	6.9	252	7.9	483	7.4
6-8	153	4.6	157	4.9	309	4.7
9-11	188	5.6	197	6.2	385	5.9
12-14	235	7.0	229	7.2	464	7.1
15-17	218	6.5	207	6.5	426	6.5
18-20	135	4.0	130	4.1	265	4.0
21-23	169	5.1	163	5.1	332	5.1
24-26	223	6.7	191	6.0	414	6.3
27-29	218	6.5	183	5.7	400	6.1
30-32	122	3.6	117	3.7	239	3.7
33-35	159	4.8	157	4.9	317	4.8
36-38	218	6.5	218	6.8	436	6.7
39-41	174	5.2	142	4.4	315	4.8
42-44	110	3.3	94	2.9	204	3.1
45-47	147	4.4	145	4.5	292	4.5
48-50	179	5.4	168	5.2	347	5.3
51-53	119	3.6	109	3.4	228	3.5
54-56	78	2.3	69	2.1	147	2.2
57-59	93	2.8	79	2.5	172	2.6
Total	3346	100.0	3197	100.0	6543	100.0

Table DQ.5: Heaping on ages and periods

Age and period ratios at boundaries of eligibility by type of information collected (weighted), The Gambia, 2005/2006

	Age and period ratios*			Eligibility boundary (lower-upper)	Module or questionnaire
	Males	Females	Total		
Age in household questionnaire					
1	1.02	.99	1.00		
2	1.01	.99	1.00	Lower	Child discipline and child disability
3	1.07	1.07	1.07		
4	.69	.69	.69	Upper	Under-5 questionnaire
5	1.26	1.24	1.25	Lower	Child labour and education
6	.94	.96	.95		
8	1.09	1.10	1.10		
9	.84	.81	.82	Upper	Child disability
10	1.17	1.26	1.22		
13	1.00	.94	.96		
14	.85	1.27	1.07	Upper	Child labour and child discipline
15	1.20	.76	.98	Lower	Women's questionnaire
16	.94	1.03	.98		
17	.87	.91	.89	Upper	Orphaned and vulnerable children
18	.99	.97	.98		
23	.93	.98	.96		
24	.87	.84	.85	Upper	Education
25	1.34	1.33	1.34		
48	1.14	1.17	1.15		
49	.53	.30	.41	Upper	Women's questionnaire
50	2.08	2.13	2.11		
Age in women's questionnaire					
23	na	.97	na		
24	na	.86	na	Upper	Sexual behaviour
25	na	1.32	na		
Months since last birth in women's questionnaire					
6-11	na	.87	na		
12-17	na	1.22	na		
18-23	na	.84	na	Upper	Tetanus toxoid and maternal and child health
24-29	na	1.18	na		
30-35	na	.80	na		

* Age or period ratios are calculated as $x / ((x_{n-1} + x_n + x_{n+1}) / 3)$, where x is age or period.

na: not applicable

Table DQ.6: Completeness of reporting

Percentage of observations missing information for selected questions and indicators (weighted),
The Gambia, 2005/2006

Questionnaire and Subject	Reference group	Per cent with missing information*	Number of cases
Household			
Salt testing	All households surveyed	.7	6071
Women			
Date of Birth	All women aged 15-49		
Month only		26.6	9982
Month and year missing		.0	9982
Date of first birth	All women aged 15-49 with at least one live birth		
Month only		20.7	6739
Month and year missing		20.6	6739
Completed years since first birth	All women aged 15-49 with at least one live birth	.0	1393
Date of last birth	All women aged 15-49 with at least one live birth		
Month only		10.8	6739
Month and year missing		1.0	6739
Date of first marriage/union	All ever married women aged 15-49		
Month only		16.7	7311
Month and year missing		51.7	7311
Age at first marriage/union	All ever married women aged 15-49	3.9	7311
Age at first intercourse	All women age 15-24 who have ever had sex	.4	4306
Time since last intercourse	All women age 15-24 who have ever had sex	.5	2208
Under-5			
Date of Birth	All under five children surveyed		
Month only		.1	6543
Month and year missing		.0	6543
Anthropometry	All under five children surveyed		
Height		1.8	6543
Weight		2.3	6543
Height or Weight		2.3	6543

* 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), The Gambia, 2005/2006

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	98.6	.0	.0	.1	1.3	.0	.0	100.0	1578
1	97.1	.1	.0	.2	2.7	.0	.0	100.0	1472
2	91.4	.0	.0	.1	8.4	.1	.0	100.0	1348
3	87.9	.1	.1	.8	10.9	.2	.0	100.0	1221
4	88.0	.0	.0	.3	11.6	.0	.1	100.0	860
Total	93.3	.0	.0	.3	6.3	.1	.0	100.0	6479

Table DQ.8: School attendance by single age

Distribution of household population aged 5-24 by educational level and grade attended in the current year (weighted), The Gambia, 2005/2006

	Preschool	Primary school						Secondary school				Higher	Non-standard curriculum	Don't know	Not attending school	Number
		Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 1	Grade 2	Grade 3	Grade 4					
Age																
5	26.7	1.3	.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.3	.0	66.2	1648
6	28.7	4.2	3.3	.6	.1	.1	.0	.0	.0	.0	.1	.0	3.0	.0	55.2	1442
7	22.0	7.4	14.4	3.0	.7	.3	.0	.0	.1	.0	.0	.0	4.4	.0	38.2	1460
8	12.0	6.4	24.9	8.5	2.3	.6	.3	.0	.1	.0	.1	.0	4.0	.0	30.6	1479
9	2.8	2.3	23.5	22.8	10.2	1.5	.4	.1	.1	.0	.0	.0	3.9	.0	22.2	1104
10	2.0	.9	11.4	18.4	18.5	5.5	1.8	.2	.2	.1	.0	.1	4.5	.0	26.0	1434
11	.7	.7	5.3	12.5	19.4	17.1	6.4	1.0	.2	.1	.1	.1	3.8	.0	20.9	1000
12	.2	.1	2.3	8.3	14.4	16.3	15.7	3.2	1.7	.5	.1	.1	3.9	.1	23.8	1311
13	.5	.1	1.5	4.3	7.2	10.5	21.3	9.2	4.6	1.2	.4	.2	4.4	.0	25.4	1232
14	.3	.1	1.0	.9	2.8	7.0	17.7	10.1	12.4	4.6	1.1	.1	2.7	.0	29.8	1299
15	.0	.0	.3	.6	2.5	4.3	9.2	7.2	15.4	14.2	3.2	.8	4.1	.0	31.6	1100
16	.2	.0	.2	.0	.9	1.8	5.8	3.0	10.7	19.5	10.4	3.3	3.4	.0	35.0	973
17	.0	.0	.0	.1	.7	1.0	2.2	1.7	7.5	13.6	9.9	9.3	2.7	.0	42.5	898
18	.0	.0	.0	.1	.4	.4	1.4	.8	4.1	8.8	8.1	8.4	1.6	.0	54.8	1140
19	.0	.0	.1	.1	.1	.1	.6	.2	2.1	4.4	6.9	7.9	2.1	.0	61.7	714
20	.0	.1	.0	.0	.1	.2	.6	.2	1.0	2.6	2.4	3.8	.7	.0	80.0	1274
21	.0	.0	.0	.0	.7	.0	.6	.1	1.2	2.7	1.8	2.3	1.4	.0	80.1	578
22	.0	.0	.0	.1	.0	.0	.0	.0	.8	.9	2.3	1.6	.7	.0	86.8	657
23	.0	.1	.0	.0	.0	.2	.0	.0	.2	1.0	1.0	1.1	1.1	.0	91.0	620
24	.0	.0	.0	.0	.0	.0	.0	.1	.0	.6	.6	1.2	1.3	.0	92.4	663

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), The Gambia, 2005/2006

	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	
Age										
15-19	225	198	1.13	205	186	1.11	19	13	1.52	2282
20-24	1150	1089	1.06	1026	975	1.05	124	115	1.08	2023
25-29	2458	2358	1.04	2137	2111	1.01	321	247	1.30	1915
30-34	2814	2739	1.03	2442	2400	1.02	372	338	1.10	1352
35-39	2855	2625	1.09	2455	2259	1.09	400	366	1.09	1047
40-44	2710	2442	1.11	2232	2044	1.09	478	398	1.20	822
45-49	1861	1713	1.09	1473	1351	1.09	389	362	1.07	540
Total	14072	13165	1.07	11969	11327	1.06	2103	1838	1.14	9982

Note: Sex ratios are calculated as number of males/ number of females

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 (weighted),
The Gambia, 2005/2006

	Months since last birth				
	Number	Per cent		Number	Per cent
0	76	1.9	16	156	4.0
1	142	3.6	17	128	3.2
2	149	3.8	18	118	3.0
3	169	4.3	19	81	2.1
4	176	4.5	20	68	1.7
5	164	4.1	21	83	2.1
6	136	3.5	22	98	2.5
7	103	2.6	23	116	2.9
8	91	2.3	24	106	2.7
9	109	2.8	25	97	2.5
10	135	3.4	26	92	2.3
11	139	3.5	27	102	2.6
12	149	3.8	28	106	2.7
13	139	3.5	29	79	2.0
14	145	3.7	30	65	1.6
15	157	4.0	<= -1	5	.1
			Total	3948	100.0