

APPENDIX D. DATA QUALITY TABLES

Table DQ.1: Age distribution of household population

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

	Males		Females			Males		Females	
	Number	Percent	Number	Percent		Number	Percent	Number	Percent
0	309	2.6	337	2.5	41	123	1.0	154	1.2
1	298	2.5	327	2.5	42	151	1.3	182	1.4
2	318	2.7	235	1.8	43	143	1.2	163	1.2
3	262	2.2	306	2.3	44	130	1.1	143	1.1
4	323	2.7	289	2.2	45	139	1.2	144	1.1
5	200	1.7	240	1.8	46	143	1.2	127	1.0
6	249	2.1	252	1.9	47	128	1.1	160	1.2
7	260	2.2	203	1.5	48	154	1.3	147	1.1
8	240	2.0	268	2.0	49	76	0.6	110	0.8
9	279	2.4	247	1.9	50	110	0.9	164	1.2
10	276	2.3	269	2.0	51	103	0.9	127	1.0
11	264	2.2	241	1.8	52	122	1.0	135	1.0
12	292	2.5	290	2.2	53	105	0.9	108	0.8
13	320	2.7	288	2.2	54	75	0.6	81	0.6
14	239	2.0	272	2.1	55	88	0.7	82	0.6
15	317	2.7	324	2.4	56	71	0.6	76	0.6
16	260	2.2	278	2.1	57	65	0.6	82	0.6
17	257	2.2	294	2.2	58	63	0.5	66	0.5
18	212	1.8	366	2.8	59	34	0.3	49	0.4
19	210	1.8	330	2.5	60	46	0.4	31	0.2
20	207	1.8	281	2.1	61	24	0.2	29	0.2
21	154	1.3	311	2.3	62	23	0.2	37	0.3
22	208	1.8	232	1.7	63	45	0.4	62	0.5
23	223	1.9	264	2.0	64	26	0.2	52	0.4
24	199	1.7	234	1.8	65	67	0.6	67	0.5
25	188	1.6	247	1.9	66	31	0.3	44	0.3
26	204	1.7	226	1.7	67	43	0.4	54	0.4
27	183	1.5	220	1.7	68	46	0.4	48	0.4
28	161	1.4	198	1.5	69	53	0.5	50	0.4
29	204	1.7	214	1.6	70	27	0.2	52	0.4
30	192	1.6	201	1.5	71	19	0.2	28	0.2
31	164	1.4	193	1.5	72	27	0.2	36	0.3
32	207	1.8	178	1.3	73	26	0.2	52	0.4
33	170	1.4	198	1.5	74	17	0.1	26	0.2
34	123	1.0	155	1.2	75	33	0.3	38	0.3
35	162	1.4	184	1.4	76	22	0.2	35	0.3
36	194	1.6	127	1.0	77	17	0.1	29	0.2
37	151	1.3	178	1.3	78	20	0.2	23	0.2
38	140	1.2	160	1.2	79	6	0.0	27	0.2
39	131	1.1	164	1.2	80+	57	0.5	135	1.0
40	145	1.2	169	1.3	DK/Missing	1	0.0	1	0.0
Total						11 794	100.0	13 246	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, Kyrgyzstan, 2006

Age	Household population of women age 10-54	Interviewed women age 15-49		Percentage of eligible women interviewed
	Number	Number	Percent	
10-14	1 359	na	na	na
15-19	1 593	1 575	21.9	98.9
20-24	1 322	1 303	18.1	98.6
25-29	1 106	1 101	15.3	99.6
30-34	925	906	12.6	97.9
35-39	813	811	11.3	99.9
40-44	811	810	11.3	99.9
45-49	689	683	9.5	99.1
50-54	614	na	na	na
15-49	7 258	7 190	100.0	99,1

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 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, Kyrgyzstan, 2006

Age	Household population of children age 0-7	Interviewed children age 0-4		Percentage of eligible children interviewed
	Number	Number	Percent	
0	609	611	21.2	100.3
1	593	584	20.3	98.5
2	584	534	18.5	91.4
3	572	557	19.3	97.4
4	646	595	20.7	92.2
5	467	na	na	na
6	510	na	na	na
7	476	na	na	na
0-4	3 004	2 881	100,0	95.9

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), Kyrgyzstan, 2006

	Males		Females		Total	
	Number	Percent	Number	Percent	Number	Percent
Age in months						
0-2	66	4.5	54	3.8	120	4.1
3-5	79	5.5	103	7.2	183	6.3
6-8	81	5.6	66	4.6	147	5.1
9-11	53	3.6	62	4.3	114	4.0
12-14	66	4.5	105	7.3	171	5.9
15-17	76	5.2	81	5.6	157	5.4
18-20	64	4.4	77	5.4	141	4.9
21-23	72	4.9	57	4.0	129	4.5
24-26	73	5.0	73	5.1	146	5.1
27-29	93	6.4	52	3.6	145	5.0
30-32	80	5.5	56	3.9	136	4.7
33-35	77	5.3	59	4.1	136	4.7
36-38	67	4.6	78	5.4	145	5.0
39-41	68	4.7	63	4.4	131	4.5
42-44	73	5.0	56	3.9	129	4.5
45-47	43	3.0	79	5.5	122	4.2
48-50	75	5.2	56	3.9	131	4.5
51-53	67	4.7	73	5.1	141	4.9
54-56	94	6.5	94	6.5	188	6.5
57-59	84	5.8	90	6.3	173	6.0
Total	1 450	100.0	1 434	100.0	2 883	100.0

Table DQ.5: Heaping on ages and periods

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

Age and period ratios*				Eligibility boundary (lower-upper)	Module or questionnaire
Males	Females	Total			
Age in household questionnaire					
1	0.96	1.09	1.03		
2	1.09	0.81	0.95	Lower	Child discipline and child disability
3	0.87	1.11	0.98		
4	1.24	1.04	1.13	Upper	Under-5 questionnaire
5	0.78	0.92	0.85	Lower	Child labour and education
6	1.05	1.09	1.07		
.	.	.	.		
8	0.92	1.12	1.02		
9	1.05	0.95	1.00	Upper	Child disability
10	1.01	1.06	1.04		
.	.	.	.		
13	1.13	1.02	1.07		
14	0.82	0.92	0.87	Upper	Child labour and child discipline
15	1.17	1.11	1.14	Lower	Women’s questionnaire
16	0.94	0.93	0.93		
17	1.06	0.94	0.99	Upper	Orphaned children
18	1.14	0.89	0.99		
.	.	.	.		
23	1.06	1.09	1.08		
24	0.98	0.94	0.96	Upper	Education
25	0.96	1.05	1.01		
.	.	.	.		
48	1.29	1.06	1.16		
49	0.67	0.79	0.73	Upper	Women’s questionnaire
50	1.14	1.23	1.19		
Age in women’s questionnaire					
23	na	1.09	na		
24	na	0.94	na	Upper	Sexual behaviour
25	na	1.04	na		
Months since last birth in women’s questionnaire					
6-11	na	0.85	na		
12-17	na	1.18	na		
18-23	na	0.91	na	Upper	Tetanus toxoid and maternal and child health
24-29	na	1.05	na		
30-35	na	1.00	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), Kyrgyzstan, 2006

Questionnaire and Subject	Reference group	Percent with missing information*	Number of cases
Household			
Salt testing	All households surveyed	0.3	5 200
Women			
Date of Birth	All women age 15-49		
Month only		0.2	7 043
Month and year missing		0.0	7 043
Date of first birth	All women age 15-49 with at least one live birth		
Month only		0.4	4 529
Month and year missing		0.0	4 529
Completed years since first birth	All women age 15-49 with at least one live birth	0.0	1
Date of last birth	All women age 15-49 with at least one live birth		
Month only		0.3	4 529
Month and year missing		0.2	4 529
Date of first marriage/union	All ever married women age 15-49		
Month only		1.1	4 869
Month and year missing		1.5	4 869
Age at first marriage/union	All ever married women age 15-49	0.0	4 869
Age at first intercourse	All women age 15-24 who have ever had sex	0.0	2 819
Time since last intercourse	All women age 15-24 who have ever had sex	0.0	894
Under-5			
Date of Birth	All under five children surveyed		
Month only		0.0	2 883
Month and year missing		0.0	2 883
Anthropometry	All under five children surveyed		
Height		0.0	2 883
Weight		0.0	2 883
Height or Weight		0.0	2 883

* 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), Kyrgyzstan, 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	97.4	0.0	0.0	0.0	0.0	2.6	0.0	100.0	647
1	97.1	0.0	0.4	0.0	0.0	2.5	0.0	100.0	625
2	95.8	0.0	0.0	0.0	0.0	4.2	0.0	100.0	554
3	96.5	0.0	0.0	0.0	0.0	3.3	0.2	100.0	568
4	90.7	0.0	0.0	0.0	0.1	9.2	0.0	100.0	612
Total	95.5	0.0	0.1	0.0	0.0	4.3	0.0	100.0	3 005

Table DQ.8: School attendance by single age

Age	Primary				Secondary school							Non-stand-ard curri-culum	Not attend-ing school	Total	Number		
	Pre-school	Grade 1	Grade 2	Grade 3	Grade 4	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6					Grade 7	Higher
5	17,1	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	82,9	100,0	440
6	9,1	32,0	0,8	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	58,2	100,0	501
7	9,8	50,5	20,0	2,2	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	17,5	100,0	463
8	0,0	4,0	66,5	26,1	1,6	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	1,9	100,0	508
9	0,0	0,0	16,9	54,4	25,6	2,2	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,8	100,0	526
10	0,0	0,0	1,1	15,8	56,7	21,1	1,4	0,0	0,0	0,0	0,0	0,0	0,0	0,0	3,9	100,0	544
11	0,0	0,0	0,0	1,7	15,4	58,3	20,2	1,1	0,0	0,0	0,0	0,0	0,0	0,0	3,2	100,0	506
12	0,0	0,0	0,0	1,2	1,6	16,3	53,0	24,7	1,6	0,0	0,0	0,0	0,0	0,0	1,7	100,0	582
13	0,0	0,0	0,0	0,0	0,3	3,2	13,3	51,4	25,4	2,7	0,3	0,0	0,0	0,1	3,3	100,0	608
14	0,0	0,0	0,0	0,0	0,0	0,6	1,8	14,2	51,4	27,5	2,6	0,1	0,0	0,0	1,8	100,0	510
15	0,0	0,0	0,0	0,0	0,1	0,0	0,1	1,6	12,7	52,4	23,4	3,0	0,0	0,0	6,7	100,0	641
16	0,0	0,0	0,0	0,0	0,0	0,0	0,1	0,0	0,5	7,6	54,3	21,9	2,0	0,0	13,6	100,0	538
17	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	1,1	0,0	9,1	50,8	12,8	0,0	26,2	100,0	551
18	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,6	8,2	37,2	0,0	54,0	100,0	578
19	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	2,7	39,2	0,0	58,1	100,0	539
20	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	28,2	0,0	71,8	100,0	488
21	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	23,0	0,0	77,0	100,0	465
22	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	15,6	0,0	84,4	100,0	439
23	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	6,6	0,0	93,4	100,0	487
24	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	4,4	0,0	95,6	100,0	432
Total	1,6	4,0	5,1	5,1	5,2	5,2	4,9	5,3	5,0	5,2	4,9	4,6	8,4	0,0	35,4	100,0	10 347

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), Kyrgyzstan, 2006

Age	Children Ever Born				Children Living				Children deceased			
	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	Number of women		
15-19	18	19	0.94	18	19	0.95	-	-	-	1 542		
20-24	422	459	0.92	397	430	0.92	25	29	0.86	1 276		
25-29	922	883	1.04	879	852	1.03	42	30	1.40	1 077		
30-34	1 142	990	1.15	1 071	963	1.11	71	27	2.67	887		
35-39	1 181	1 183	1.00	1 118	1 131	0.99	62	53	1.18	799		
40-44	1 337	1 420	0.94	1 227	1 345	0.91	110	75	1.47	791		
45-49	1 323	1 227	1.08	1 196	1 143	1.05	127	84	1.51	671		
Total	6 345	6 181	1.03	5 907	5 884	1.00	438	298	1.47	7 043		

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 birth (weighted), Kyrgyzstan, 2006

	Months since last birth			
	Number	Percent	Number	Percent
0	26	1.6	37	2.2
1	59	3.6	51	3.1
2	45	2.8	55	3.4
3	53	3.2	39	2.4
4	59	3.6	42	2.6
5	81	4.9	52	3.2
6	55	3.4	29	1.8
7	40	2.5	35	2.1
8	48	2.9	52	3.2
9	25	1.5	54	3.3
10	34	2.0	30	1.8
11	59	3.6	35	2.2
12	67	4.1	41	2.5
13	41	2.5	41	2.5
14	64	3.9	34	2.1
15	72	4.4		
Total			1 643	100.0