

Supplemental File 6. Sample size and individual-level exclusions among non-pregnant women 15-49 years of age by cause and survey, grouped by country and region, 2013-2016

	Survey Year	Total number of non-pregnant women 15-49 years of age surveyed	Number of women with available and biologically plausible ^a Hb values	Number of women excluded due to missing Hb values	Number of women excluded due to biologically implausible ^a Hb values	Percent of women with available and biologically plausible ^a Hb values	Percent of women excluded due to missing Hb values	Percent of women excluded due to biologically implausible ^a Hb values
Eastern and Southern Africa								
Botswana								
Dukwi	2013	147	147	0	0	100.0	0.0	0.0
Burundi								
Bwagiriza	2013	177	177	0	0	100.0	0.0	0.0
Gasorwe	2013	123	123	0	0	100.0	0.0	0.0
Kavumu	2013	107	107	0	0	100.0	0.0	0.0
Musasa	2013	123	123	0	0	100.0	0.0	0.0
Eritrea								
Umkulu	2015	100	100	0	0	100.0	0.0	0.0
Kenya								
Dagahaley	2013	321	318	3	0	99.1	0.9	0.0
Dagahaley	2014	331	330	1	0	99.7	0.3	0.0
Dagahaley	2015	210	210	0	0	100.0	0.0	0.0
Hagadera	2013	358	357	1	0	99.7	0.3	0.0
Hagadera	2014	345	324	21	0	93.9	6.1	0.0
Hagadera	2015	351	351	0	0	100.0	0.0	0.0
Ifo	2013	355	353	1	1	99.4	0.3	0.3
Ifo	2014	347	343	3	1	98.8	0.9	0.3
Ifo	2015	372	372	0	0	100.0	0.0	0.0
Ifo 2	2013	240	240	0	0	100.0	0.0	0.0
Ifo 2	2014	247	247	0	0	100.0	0.0	0.0

Ifo 2	2015	275	275	0	0	100.0	0.0	0.0
Kakuma	2013	288	241	47	0	83.7	16.3	0.0
Kakuma	2014	429	413	16	0	96.3	3.7	0.0
Kakuma	2015	357	357	0	0	100.0	0.0	0.0
Kambioos	2013	324	324	0	0	100.0	0.0	0.0
Kambioos	2014	262	262	0	0	100.0	0.0	0.0
Kambioos	2015	271	270	1	0	99.6	0.4	0.0
Mozambique								
Maratane	2015	89	89	0	0	100.0	0.0	0.0
Rwanda								
Gihembe	2015	144	144	0	0	100.0	0.0	0.0
Gihembe	2016	263	141	122*	0	53.6	46.4*	0.0
Kigeme	2015	146	146	0	0	100.0	0.0	0.0
Kigeme	2016	283	170	113*	0	60.1	39.9*	0.0
Kiziba	2015	206	206	0	0	100.0	0.0	0.0
Kiziba	2016	213	110	103*	0	51.6	48.4*	0.0
Mahama	2015	185	185	0	0	100.0	0.0	0.0
Mahama	2015	442	442	0	0	100.0	0.0	0.0
Mahama	2016	387	216	171*	0	55.8	44.2*	0.0
Mugombwa	2015	171	171	0	0	100.0	0.0	0.0
Mugombwa	2016	234	126	108*	0	53.8	46.2*	0.0
Nyabiheke	2015	193	193	0	0	100.0	0.0	0.0
Nyabiheke	2016	295	159	136*	0	53.9	46.1*	0.0
South Sudan								
Ajuong Thok	2014	405	402	3	0	99.3	0.7	0.0
Batil	2013	473	440	30	3	93.0	6.3	0.6
Batil	2014	342	290	52	0	84.8	15.2	0.0
Doro	2013	405	384	17	4	94.8	4.2	1.0
Doro	2014	515	272	240*	3	52.8	46.6*	0.6
Gendrassa	2013	365	357	8	0	97.8	2.2	0.0
Jamam	2013	382	368	14	0	96.3	3.7	0.0

Yida	2014	312	302	10	0	96.8	3.2	0.0
Tanzania								
Mtendeli	2016	277	277	0	0	100.0	0.0	0.0
Nduta	2016	180	180	0	0	100.0	0.0	0.0
Nyarugusu	2014	190	187	3	0	98.4	1.6	0.0
Nyarugusu - New Refugees	2016	261	260	1	0	99.6	0.4	0.0
Nyarugusu - Old Refugees	2016	247	247	0	0	100.0	0.0	0.0
Uganda								
Kyangwali	2015	244	107	137*	0	43.9	56.1*	0.0
Lobule	2015	163	117	46*	0	71.8	28.2*	0.0
Oruchinga	2015	192	102	90*	0	53.1	46.9*	0.0
Rhino	2015	428	325	103*	0	75.9	24.1*	0.0
Rwamwanja	2015	362	142	220*	0	39.2	60.8*	0.0
Zambia								
Mayukwayukwa	2013	198	175	23	0	88.4	11.6	0.0
Meheba	2013	211	174	37	0	82.5	17.5	0.0
Ethiopia								
Adi-Harush	2015	241	240	0	1	99.6	0.0	0.4
Aw-Barre	2015	173	172	1	0	99.4	0.6	0.0
Aysaita	2013	225	225	0	0	100.0	0.0	0.0
Berhale	2013	155	140	15	0	90.3	9.7	0.0
Bokolmanyoy	2015	139	138	1	0	99.3	0.7	0.0
Bokolmanyoy	2016	161	161	0	0	100.0	0.0	0.0
Buramino	2013	128	126	2	0	98.4	1.6	0.0
Buramino	2014	117	115	2	0	98.3	1.7	0.0
Buramino	2015	125	124	1	0	99.2	0.8	0.0
Buramino	2016	120	120	0	0	100.0	0.0	0.0
Hilaweyn	2013	94	94	0	0	100.0	0.0	0.0
Hilaweyn	2014	97	95	2	0	97.9	2.1	0.0
Hilaweyn	2015	99	99	0	0	100.0	0.0	0.0
Hitsats	2015	219	219	0	0	100.0	0.0	0.0

Kebri Beyah	2015	197	193	4	0	98.0	2.0	0.0
Kobe	2013	83	81	2	0	97.6	2.4	0.0
Kobe	2014	133	133	0	0	100.0	0.0	0.0
Kobe	2015	118	117	1	0	99.2	0.8	0.0
Kobe	2016	163	163	0	0	100.0	0.0	0.0
Kule	2014	162	162	0	0	100.0	0.0	0.0
Kule	2015	156	155	1	0	99.4	0.6	0.0
Kule	2016	242	240	2	0	99.2	0.8	0.0
Leitchour	2014	163	163	0	0	100.0	0.0	0.0
Mai-Aini	2015	179	179	0	0	100.0	0.0	0.0
Melkadida	2013	98	97	1	0	99.0	1.0	0.0
Melkadida	2014	121	121	0	0	100.0	0.0	0.0
Melkadida	2015	158	157	1	0	99.4	0.6	0.0
Melkadida	2016	131	131	0	0	100.0	0.0	0.0
Okugo	2015	136	136	0	0	100.0	0.0	0.0
Pugnido	2013	354	354	0	0	100.0	0.0	0.0
Pugnido	2015	162	162	0	0	100.0	0.0	0.0
Pugnido	2016	205	205	0	0	100.0	0.0	0.0
Pugnido li	2016	180	171	9	0	95.0	5.0	0.0
Sheder	2015	205	205	0	0	100.0	0.0	0.0
Shimelba	2015	259	258	1	0	99.6	0.4	0.0
Tierkidi	2014	148	147	1	0	99.3	0.7	0.0
Tierkidi	2016	169	169	0	0	100.0	0.0	0.0
West and Central Africa								
Burkina Faso								
Dibissi	2013	77	77	0	0	100.0	0.0	0.0
Goudebo	2013	132	132	0	0	100.0	0.0	0.0
Goudebo	2014	168	168	0	0	100.0	0.0	0.0
Goudebo	2015	116	110	6	0	94.8	5.2	0.0
Mentao	2013	149	148	1	0	99.3	0.7	0.0
Mentao	2014	144	143	0	1	99.3	0.0	0.7

Mentao	2015	203	188	15	0	92.6	7.4	0.0
Saagnioigniogo	2013	98	98	0	0	100.0	0.0	0.0
Saagnioigniogo	2014	85	83	2	0	97.6	2.4	0.0
Cameroon								
Adamaoua Region - Out of Camp - New Refugees	2016	283	283	0	0	100.0	0.0	0.0
Adamaoua Region - Out of Camp - Old Refugees	2016	288	288	0	0	100.0	0.0	0.0
East Region - Out of Camp - New Refugees	2016	332	331	1	0	99.7	0.3	0.0
East Region - Out of Camp - Old Refugees	2016	320	319	1	0	99.7	0.3	0.0
Kette	2015	122	119	3	0	97.5	2.5	0.0
Lolo	2015	196	196	0	0	100.0	0.0	0.0
Mbile	2015	212	211	1	0	99.5	0.5	0.0
North Region- Out Of Camp	2016	288	288	0	0	100.0	0.0	0.0
Timangolo	2015	257	256	1	0	99.6	0.4	0.0
Liberia								
Bahn	2013	122	122	0	0	100.0	0.0	0.0
Bahn	2015	114	114	0	0	100.0	0.0	0.0
Little Wlebo	2013	154	154	0	0	100.0	0.0	0.0
Little Wlebo	2015	134	134	0	0	100.0	0.0	0.0
Ptp	2013	189	186	3	0	98.4	1.6	0.0
Ptp	2015	167	167	0	0	100.0	0.0	0.0
Solo	2013	66	66	0	0	100.0	0.0	0.0
Mauritania								
Mbera	2013	586	585	1	0	99.8	0.2	0.0
Mbera	2014	566	561	3	2	99.1	0.5	0.4
Mbera	2016	489	485	2	2	99.2	0.4	0.4
Niger								
Abala	2016	318	304	14	0	95.6	4.4	0.0
Diffa	2016	311	310	1	0	99.7	0.3	0.0
Chad								
Abgadam	2013	210	210	0	0	100.0	0.0	0.0

Amboko	2014	267	267	0	0	100.0	0.0	0.0
Amnaback	2013	252	252	0	0	100.0	0.0	0.0
Amnaback	2014	151	149	2	0	98.7	1.3	0.0
Amnaback	2015	213	213	0	0	100.0	0.0	0.0
Belom	2014	252	252	0	0	100.0	0.0	0.0
Breidjing	2013	239	238	1	0	99.6	0.4	0.0
Breidjing	2015	241	241	0	0	100.0	0.0	0.0
Breidjing	2016	271	271	0	0	100.0	0.0	0.0
Djabal	2013	240	240	0	0	100.0	0.0	0.0
Djabal	2014	258	258	0	0	100.0	0.0	0.0
Djabal	2016	228	228	0	0	100.0	0.0	0.0
Dosseye	2014	228	228	0	0	100.0	0.0	0.0
Farchana	2013	229	229	0	0	100.0	0.0	0.0
Farchana	2015	330	328	1	1	99.4	0.3	0.3
Farchana	2016	260	260	0	0	100.0	0.0	0.0
Gaga	2013	260	260	0	0	100.0	0.0	0.0
Gaga	2015	254	254	0	0	100.0	0.0	0.0
Gaga	2016	276	274	1	1	99.3	0.4	0.4
Gondje	2014	254	254	0	0	100.0	0.0	0.0
Goz Amer	2013	245	245	0	0	100.0	0.0	0.0
Iridimi	2013	265	263	2	0	99.2	0.8	0.0
Iridimi	2014	149	149	0	0	100.0	0.0	0.0
Iridimi	2015	228	228	0	0	100.0	0.0	0.0
Koukou	2014	245	245	0	0	100.0	0.0	0.0
Koukou	2016	242	242	0	0	100.0	0.0	0.0
Kounoungou	2013	303	302	1	0	99.7	0.3	0.0
Kounoungou	2015	201	201	0	0	100.0	0.0	0.0
Kounoungou	2016	243	242	1	0	99.6	0.4	0.0
Mile	2013	271	268	3	0	98.9	1.1	0.0
Mile	2014	126	126	0	0	100.0	0.0	0.0
Mile	2016	201	201	0	0	100.0	0.0	0.0

Moyo	2014	233	233	0	0	100.0	0.0	0.0
Oure Cassoni	2013	260	257	3	0	98.8	1.2	0.0
Oure Cassoni	2014	137	136	1	0	99.3	0.7	0.0
Oure Cassoni	2015	221	221	0	0	100.0	0.0	0.0
Touloum	2013	249	249	0	0	100.0	0.0	0.0
Touloum	2014	132	132	0	0	100.0	0.0	0.0
Touloum	2015	241	241	0	0	100.0	0.0	0.0
Treguine	2013	235	234	1	0	99.6	0.4	0.0
Treguine	2015	277	277	0	0	100.0	0.0	0.0
Treguine	2016	247	247	0	0	100.0	0.0	0.0
Middle East and North Africa								
Djibouti								
Ali Addeh	2014	212	210	2	0	99.1	0.9	0.0
Ali Addeh	2015	224	224	0	0	100.0	0.0	0.0
Hol-Hol	2014	87	85	1	1	97.7	1.1	1.1
Hol-Hol	2015	89	89	0	0	100.0	0.0	0.0
Markazi Camp and Obock	2015	136	136	0	0	100.0	0.0	0.0
Jordan								
National - Out of Camp	2014	630	618	12	0	98.1	1.9	0.0
Zaatari	2014	314	306	8	0	97.5	2.5	0.0
Sudan								
Abuda, Um Gargour, Fau V	2015	377	279	98*	0	74.0	26.0*	0.0
Girba, Kilo 26, Wad Sherife	2015	315	161	154*	0	51.1	48.9*	0.0
Shagarab	2015	566	317	249*	0	56.0	44.0*	0.0
Yemen								
Sana'a – Refugees	2013	668	411	257*	0	61.5	38.5*	0.0
South Asia								
Bangladesh								
Kutupalong	2013	478	299	179*	0	62.6	37.4*	0.0
Kutupalong	2015	336	335	1	0	99.7	0.3	0.0
Nayapara	2013	777	496	281*	0	63.8	36.2*	0.0

Nayapara	2015	303	303	0	0	100·0	0·0	0·0
Nepal								
Beladangi and Sanischare	2013	301	301	0	0	100·0	0·0	0·0
Beladangi and Sanischare	2014	278	278	0	0	100·0	0·0	0·0

Abbreviations: Hb, hemoglobin

*Biologically plausible Hb values defined as $4 \text{ g/dL} \leq \text{Hb} \leq 18 \text{ g/dL}$

* By design, survey measured or likely measured hemoglobin in all age-eligible women in half of all households sampled.