



Evaluation of the *Nigeria Community Infant and Young Child Feeding (C-IYCF) Counselling Package*

Annex 4

MATERNAL SURVEY TABLES

JUNE 2018



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Sample Characteristics

Table 1. Total Sample, by Location and Time Point

	Baseline		Endline	
	Kajuru	Kauru	Kajuru	Kauru
Households				
Women*	2,228	2,554	3,055	4,399
Pregnant women	550	850	771	1,350
Mothers** of children under two years	1,748	1,777	2,451	3,414
Children	1,760	1,783	2,343	3,126
<6 months old	531	580	731	944
6-12 months old	473	473	628	878
13-18 months old	438	508	556	792
19-24 months old	318	222	428	512

* The sum of pregnant women and mothers does not sum to the total number of women since some women are both pregnant and mothers of children under two.

** This does include some primary caregivers who are not the biological mother of the child. At endline, 12 in Kajuru and 48 in Kauru were the primary caregivers, not biological mothers. At baseline, we did not confirm biological relationship between respondent and child.

Household Characteristics

Table 2. Households' Members, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Number of household members	N=536		N=841			N=765		N=1333		
1-3	197	36.8	227	27.0	N/A	320	41.8	446	33.5	N/A
4-6	187	34.8	247	29.4		298	39.0	497	37.3	
7-9	87	16.3	174	20.7		100	13.0	228	17.1	
≥ 10	65	12.4	193	22.9		47	6.1	162	12.1	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Number of household members, mean (SD)	5.5 (3.8)		6.7 (4.2)		0.0000	4.7 (2.9)		5.5 (3.2)		0.0000
Among mothers of children under two										
Number of household members	N=1,714		N=1,758			N=2,262		N=3,055		
1-3	323	18.8	232	13.2	N/A	481	21.2	535	17.5	N/A
4-6	734	42.8	635	36.1		1,085	48.0	1,284	42.0	
7-9	411	24.0	420	23.8		452	20.0	748	24.5	
≥ 10	246	14.5	471	26.8		244	10.8	488	16.0	
Number of household members, mean (SD)	6.4 (3.4)		7.5 (3.9)		0.0000	5.9 (3.2)		6.5 (3.3)		0.000

Table 3. Households' Characteristics, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	%		n	%	n	%	
Among pregnant women										
Source of energy	N=527		N=831			N=765		N=1,333		
Electricity	0	0.0	0	0.0	N/A	0	0.0	0	0.0	N/A
LPG/natural gas	1	0.2	1	0.1		3	0.4	1	0.1	
Kerosene	13	2.5	2	0.2		11	1.4	4	0.3	
Coal/lignite	0	0.0	0	0.0		0	0.0	3	0.2	
Charcoal	9	1.7	5	0.6		19	2.5	4	0.3	
Wood	475	90.1	819	98.6		712	93.1	1,316	98.7	
Agricultural crop/straw/shrubs/grass	29	5.5	4	0.5		19	2.5	3	0.2	
Animal dung	0	0.0	0	0.0		1	0.1	1	0.1	
No food cooked in household	0	0.0	0	0.0	0	0.0	1	0.1		
Energy from electricity, gas, or LPG	1	0.2	1	0.1	0.745	3	0.4	1	0.1	0.106
Floor material	N=516		N=820			N=765		N=1,333		
Earth/sand	221	42.8	316	38.5	N/A	230	30.1	378	28.4	N/A
Dung	12	2.3	7	0.9		0	0.0	1	0.1	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	%		n	%	n	%	
Wood planks	1	0.2	0	0.0	0.158	1	0.1	0	0.0	0.640
Ceramic tiles	4	0.8	6	0.7		3	0.4	3	0.2	
Cement	248	48.1	416	50.7		489	63.9	831	62.3	
Carpet	26	5.0	72	8.8		40	5.2	120	9.0	
Other	4	0.8	3	0.4		2	0.3	0	0.0	
Floor of tile, carpet, or cement	283	54.8	497	60.6	535	69.9	954	71.6		
Roof material	N=526		N=830			N=765		N=1,333		
No roof	2	0.4	1	0.1	N/A	0	0.0	1	0.1	N/A
Thatch/palm leaf	31	5.9	68	8.2		40	5.2	67	5.0	
Sod	1	0.2	2	0.2		0	0.0	0	0.0	
Rustic mat	1	0.2	14	1.7		15	2.0	0	0.0	
Palm/bamboo	4	0.8	0	0.0		4	0.5	5	0.4	
Wood planks	11	2.1	0	0.0		1	0.1	0	0.0	
Cardboard	0	0.0	1	0.1		0	0.0	0	0.0	
Metal	444	84.4	727	87.6		661	86.4	1,252	93.9	
Wood	13	2.5	10	1.2		18	2.4	8	0.6	
Calamine/cement fiber	0	0.0	0	0.0		1	0.1	0	0.0	
Ceramic tiles	1	0.2	0	0.0		0	0.0	0	0.0	
Cement	9	1.7	1	0.1		0	0.0	0	0.0	
Roofing shingles	5	1.0	1	0.1		20	2.6	0	0.0	
Other	4	0.8	5	0.6		5	0.7	0	0.0	
Roof of metal, wood, calamine, tile, cement, or shingles	476	90.5	744	89.6	0.716	705	92.2	1,260	94.5	0.183
Walls material	N=536		N=841			N=765		N=1,333		
No walls	23	4.4	19	2.3	N/A	6	0.8	0	0.0	N/A
Cane/palm/trunks	7	1.3	8	1.0		6	0.8	3	0.2	
Dirt	11	2.1	0	0.0		0	0.0	0	0.0	
Bamboo with mud	22	4.2	50	6.0		82	10.7	112	8.4	
Stone with mud	104	19.8	137	16.6		247	32.3	585	43.9	
Uncovered adobe	111	21.2	308	37.2		120	15.7	230	17.3	
Plywood	0	0.0	0	0.0		0	0.0	0	0.0	
Reused wood	1	0.2	0	0.0		0	0.0	0	0.0	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	%		n	%	n	%	
Cement	179	34.2	232	28.1		196	25.6	282	21.2	
Stone with lime/cement	2	0.4	1	0.1		3	0.4	1	0.1	
Bricks	5	1.0	15	1.8		10	1.3	0	0.0	
Cement blocks	14	2.7	6	0.7		21	2.7	5	0.4	
Covered adobe	3	0.6	13	1.6		71	9.3	114	8.6	
Wood planks/shingles	0	0.0	0	0.0		0	0.0	1	0.1	
Other	42	8.0	38	4.6		3	0.4	0	0.0	
Walls of cement, stone, brick, or covered adobe	245	46.8	305	36.9	0.038	304	39.7	403	30.2	0.005
Rooms in the household that are used for sleeping	N=444		N=780			N=765		N=1,333		
1 room	122	27.5	202	25.9	0.594	283	37.0	464	34.8	0.377
2 rooms	138	31.1	257	32.9	0.541	234	30.6	422	31.7	0.642
≥3 rooms	184	41.4	321	41.2	0.931	248	32.4	447	33.5	0.688
Number of rooms, mean (SD)	2.8 (2.1)		2.6 (1.6)		0.015	2.4 (1.7)		2.3 (1.5)		0.474
Among mothers of children under two										
Source of energy	N=1,689		N=1,729			N=2,262		N=3,055		
Electricity	1	0.1	3	0.2	N/A	1	0.0	0	0.0	N/A
LPG/natural gas	0	0.0	1	0.1		6	0.3	2	0.1	
Kerosene	26	1.5	9	0.5		13	0.6	6	0.2	
Coal/lignite	0	0.0	1	0.1		1	0.0	2	0.1	
Charcoal	25	1.5	13	0.8		43	1.9	7	0.2	
Wood	1,558	92.2	1,698	98.2		2,125	93.9	3,030	99.2	
Agricultural crop/straw/shrubs/grass	79	4.7	4	0.2		71	3.1	7	0.2	
Animal dung	0	0.0	0	0.0		1	0.0	1	0.0	
No food cooked in household	0	0.0	0	0.0	1	0.0	0	0.0		
Energy from electricity, gas, or LPG*	1	0.1	4	0.2	0.208	7	0.3	2	0.1	0.056
Floor material	N=1,661		N=1,691			N=2,262		N=3,055		
Earth/sand	596	35.9	660	39.0	N/A	744	32.9	873	28.6	N/A
Dung	43	2.6	15	0.9		1	0.0	0	0.0	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	%		n	%	n	%	
Wood planks	7	0.4	2	0.1		7	0.3	0	0.0	
Ceramic tiles	10	0.6	16	0.9		16	0.7	7	0.2	
Cement	894	53.8	866	51.2		1,397	61.8	1,982	64.9	
Carpet	90	5.4	129	7.6		97	4.3	192	6.3	
Other	21	1.3	3	0.2		0	0.0	1	0.0	
Floor of tile, carpet, or cement	1,022	61.5	1,016	60.1	0.650	1,517	67.1	2,182	71.4	0.159
Roof material	N=1,714		N=1,758			N=2,262		N=3,055		
No roof	4	0.2	4	0.2	N/A	0	0.0	1	0.0	N/A
Thatch/palm leaf	110	6.5	190	11.0		108	4.8	146	4.8	
Sod	0	0.0	4	0.2		0	0.0	0	0.0	
Rustic mat	1	0.1	20	1.2		60	2.7	2	0.1	
Palm/bamboo	16	1.0	1	0.1		9	0.4	6	0.2	
Wood planks	19	1.1	0	0.0		6	0.3	1	0.0	
Cardboard	4	0.2	2	0.1		3	0.1	0	0.0	
Metal	1,471	87.4	1,453	84.0		1,941	85.8	2,874	94.1	
Wood	28	1.7	31	1.8		71	3.1	21	0.7	
Calamine/cement fiber	1	0.1	1	0.1		1	0.0	0	0.0	
Ceramic tiles	1	0.1	0	0.0		0	0.0	0	0.0	
Cement	16	1.0	5	0.3		3	0.1	2	0.1	
Roofing shingles	6	0.4	4	0.2		51	2.3	0	0.0	
Other	6	0.4	14	0.8	9	0.4	2	0.1		
Roof of metal, wood, calamine, tile, cement, or shingles	1,529	90.8	1,508	87.2	0.090	2,076	91.8	2,899	94.9	0.025
Walls material	N=1,670		N=1,720			N=2,262		N=3,055		
No walls	78	4.7	19	1.1	N/A	18	0.8	1	0.0	N/A
Cane/palm/trunks	26	1.6	10	0.6		13	0.6	7	0.2	
Dirt	41	2.5	0	0.0		0	0.0	0	0.0	
Bamboo with mud	81	4.9	71	4.1		239	10.6	292	9.6	
Stone with mud	284	17.0	320	18.6		763	33.7	1,345	44.0	
Uncovered adobe	371	22.2	696	40.5		352	15.6	556	18.2	
Plywood	1	0.1	1	0.1		0	0.0	0	0.0	
Reused wood	1	0.1	1	0.1		0	0.0	0	0.0	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	%		n	%	n	%	
Cement	593	35.5	421	24.5		566	25.0	612	20.0	
Stone with lime/cement	2	0.1	3	0.2		9	0.4	0	0.0	
Bricks	31	1.9	43	2.5		27	1.2	4	0.1	
Cement blocks	26	1.6	13	0.8		76	3.4	14	0.5	
Covered adobe	19	1.1	40	2.3		190	8.4	224	7.3	
Wood planks/shingles	0	0.0	1	0.1		2	0.1	0	0.0	
Other	116	6.9	81	4.7		7	0.3	0	0.0	
Walls of cement, stone, brick, or covered adobe	787	47.1	602	35	0.001	877	38.8	854	28.0	0.000
Rooms in the household that are used for sleeping	N=1,399		N=1,642			N=2,262		N=3,055		
1 room	274	19.6	325	19.8	0.905	631	27.9	869	28.4	0.747
2 rooms	482	34.5	577	35.1	0.764	788	34.8	1,041	34.1	0.638
≥3 rooms	643	46.0	740	45.1	0.711	843	37.3	1,145	37.5	0.921
Number of rooms, mean (SD)	3.0 (2.0)		2.8 (1.7)		0.002	2.5 (1.7)		2.5 (1.6)		0.073

*N-value for Kajuru at endline =2,261

Table 4. Households' Assets, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Household assets owned*	N=517		N=777			N=765		N=1333		
Electricity	201	38.7	64	8.1	0.000	339	44.3	58	4.4	0.000
Radio	369	70.2	632	77	0.021	496	64.8	832	62.4	0.373
Television	197	37.5	176	21.4	0.000	338	44.2	337	25.3	0.000
Mobile telephone	425	80.8	680	82.7	0.417	643	84.1	1,068	80.1	0.068
Landline telephone	9	1.7	13	1.6	0.875	11	1.4	17	1.3	0.752
Refrigerator	28	5.3	24	2.9	0.058	60	7.8	37	2.8	0.000
Generator	106	20.1	167	20.3	0.942	187	24.4	260	19.5	0.027
Watch	331	62.9	472	56.9	0.051	431	56.3	689	51.7	0.109

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Number of items										
0	22	4.3	25	3.2	N/A	41	5.4	91	6.8	N/A
1	64	12.4	102	13.1		105	13.7	266	20	
2	110	21.3	249	32		133	17.4	355	26.6	
3	112	21.7	220	28.3		129	16.9	330	24.8	
4	79	15.3	84	10.8		130	17	152	11.4	
≥ 5	130	25.1	97	12.5		227	29.7	139	10.5	
Owns at least one household asset	495	95.7	752	96.8	0.375	724	94.6	1,242	93.2	0.246
Number of household assets owned, mean (SD)	3.2 (1.7)		2.7 (1.4)		0.0000	3.3 (1.8)		2.5 (1.4)		0.0000
Means of transport owned*	N=507		N=828			N=765		N=1333		
Bicycle	158	30.1	226	27.3	0.376	243	31.8	354	26.6	0.042
Motorcycle or motor scooter	288	54.9	511	61.6	0.030	467	61	799	59.9	0.683
Animal-drawn cart	8	1.6	26	3.2	0.094	59	7.7	141	10.6	0.115
Car or truck	19	3.9	38	4.6	0.603	53	6.9	115	8.6	0.283
Boat with a motor	2	0.4	1	0.1	0.292	4	0.5	16	1.2	0.116
Canoe	4	0.8	3	0.4	0.345	12	1.6	10	0.8	0.135
Owns at least one means of transport	362	71.4	623	75.2	0.152	557	72.8	972	72.9	0.961
Agricultural land owned	N=520		N=826			N=765		N=1333		
Owns agricultural land	462	88.8	763	92.4	0.875	690	90.2	1,233	92.5	0.270
Livestock/animals owned*	N=536		N=841			N=765		N=1333		
Milk cows or bulls (1 or more)	102	19	231	27.5	N/A	150	19.6	424	31.8	N/A
Goats (1 or more)	269	50.2	374	44.5		321	42	610	45.8	
Sheep (1 or more)	55	10.3	150	17.8		82	10.7	226	17	
Chicken/ducks (1 or more)	335	62.5	429	51.0		445	58.2	699	52.4	
Pigs (1 or more)	233	43.5	38	4.5		290	37.9	85	6.4	
Other (1 or more)	113	21.4	74	10.4		207	50.8	215	35.6	
Owns at least one animal	421	78.5	566	67.5	0.002	555	73.4	946	71.1	0.438

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among mothers of children under two										
Household assets owned*	N=1,648		N=1,613			N=2,262		N=3,055		
Electricity	666	39.7	131	8.0	0.000	995	44.0	187	6.1	0.000
Radio	1,240	73.5	1,324	77.0	0.077	1,519	67.2	1,886	61.7	0.007
Television	672	39.8	371	21.7	0.000	951	42.0	744	24.4	0.000
Mobile telephone	1,391	82.5	1,434	83.5	0.576	1,908	84.4	2,449	80.2	0.019
Landline telephone	15	0.9	41	2.4	0.001	37	1.6	51	1.7	0.934
Refrigerator	105	6.2	31	1.8	0.000	163	7.2	69	2.3	0.000
Generator	408	24.2	317	18.5	0.005	516	22.8	633	20.7	0.241
Watch	1,087	64.7	918	53.2	0.000	1,224	54.1	1,507	49.3	0.042
Number of items										
0	81	4.9	70	4.3	N/A	139	6.1	217	7.1	N/A
1	180	10.9	219	13.6		263	11.6	660	21.6	
2	290	17.6	502	31.1		426	18.8	795	26.0	
3	368	22.3	479	29.7		426	18.8	697	22.8	
4	253	15.4	137	8.5		408	18.0	311	10.2	
≥ 5	476	28.9	206	12.7		600	26.5	375	12.2	
Owns at least one household asset	1,567	95.1	1,543	95.7	0.550	2,123	93.9	2,838	92.9	0.378
Number of household assets owned, mean (SD)	3.3 (1.7)		2.7 (1.4)		0.000	3.2 (1.8)		2.5 (1.5)		0.000
Means of transport owned*	N=1,679		N=1,725			N=2,262		N=3,055		
Bicycle	488	29.1	479	27.8	0.562	730	32.3	764	25.0	0.001
Motorcycle or motor scooter	909	54.2	1,032	59.9	0.009	1,316	58.2	1,840	60.2	0.355
Animal-drawn cart	27	1.7	87	5.1	0.000	141	6.2	314	10.3	0.003
Car or truck	63	3.9	64	3.8	0.907	190	8.4	212	6.9	0.207
Boat with a motor	5	0.3	6	0.4	0.831	38	1.7	47	1.5	0.713
Canoe	8	0.5	10	0.6	0.738	44	1.9	23	0.8	0.007
Owns at least one means of transport	1,101	66.8	1,259	73.1	0.002	1,610	71.2	2,166	70.9	0.888
Agricultural land owned	N=1,678		N=1,710			N=2,262		N=3,055		
Owns agricultural land	1,483	88.4	1,594	93.2	0.006	2,041	90.2	2,859	93.6	0.011

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Livestock/animals owned*	N=1,714		N=1,758			N=2,262		N=3,055		
Milk cows or bulls (1 or more)	360	21.0	525	29.9	N/A	432	19.1	951	31.1	N/A
Goats (1 or more)	877	51.2	829	47.2		1,013	44.8	1,438	47.1	
Sheep (1 or more)	145	8.5	341	19.4		215	9.5	437	14.3	
Chicken/ducks (1 or more)	1,119	65.3	940	53.5		1,297	57.3	1,634	53.5	
Pigs (1 or more)	747	43.6	112	6.4		830	36.7	262	8.6	
Other (1 or more)	424	25.1	160	11.1		628	53.2	505	38.1	
Owns at least one animal	1,363	79.6	1,261	72.0	0.002	1,695	75.4	2,217	73.0	0.298

* The total N varied slightly for each item. The N presented is the minimum.

Table 5. Toilet Facilities, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Shared toilet facility	N=220		N=530			N=296		N=821		
No	80	36.4	258	48.7	0.020	167	56.4	534	65.0	0.085
Yes	140	63.6	272	51.3		129	43.6	287	35.0	
Improved toilet facility, not shared	N=79		N=258			N=167		N=534		
Flush/pour flush toilet to piped sewer system	6	7.6	2	0.8	N/A	8	4.8	3	0.6	N/A
Flush/pour flush toilet to septic tank	1	1.3	1	0.4		3	1.8	5	0.9	
Flush/pour flush to pit	26	32.9	48	18.6		50	29.9	117	21.9	
Ventilated improved pit latrine	0	0.0	1	0.4		3	1.8	5	0.9	
Pit latrine with slab	21	26.6	67	26.0		34	20.4	78	14.6	
Composting/dry toilet	0	0.0	1	0.4		1	0.6	0	0.0	
Improved toilet facility, shared	N=140		N=270			N=129		N=287		
Flush/pour flush toilet to piped sewer system	6	4.3	3	1.1	N/A	2	1.6	0	0.0	N/A
Flush/pour flush toilet to septic tank	3	2.1	0	0.0		6	4.7	0	0.0	
Flush/pour flush to pit	53	37.9	53	19.6		25	19.4	15	5.2	
Ventilated improved pit latrine	0	0.0	1	0.4		2	1.6	2	0.7	
Pit latrine with slab	30	21.4	73	27.0		44	34.1	104	36.2	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Composting/dry toilet	1	0.7	2	0.7		0	0.0	0	0.0	
Non-improved facility, shared or not shared	N=526		N=829			N=765		N=1,333		
Flush/pour flush to elsewhere	8	1.5	2	0.2	N/A	1	0.1	3	0.2	N/A
Pit latrine without slab/open pit	58	11	274	33.1		115	15	486	36.5	
Service/bucket latrine	1	0.2	0	0.0		0	0.0	0	0.0	
Hanging latrine	2	0.4	1	0.1		2	0.3	0	0.0	
No facility (field, bush, plastic bag)	304	57.8	298	35.9		469	61.3	512	38.4	
Other	2	0.4	1	0.1		0	0.0	0	0.0	
Types of toilet facilities – overall*	N=522		N=828			N=765		N=1,333		
Improved facility, not shared	54	10.3	120	14.5	0.107	99	12.9	208	15.6	0.309
Improved facility, shared	93	17.8	132	15.9	0.573	79	10.3	121	9.1	0.559
Improved facility, shared or not shared	151	28.7	253	30.5	0.674	178	23.3	329	24.7	0.705
Non-improved facility, shared or not shared	375	71.3	576	69.5		587	76.7	1,004	75.3	
Among mothers of children under two										
Shared toilet facility	N=698		N=1,103			N=878		N=1,667		
No	263	37.7	516	46.8	0.008	552	62.9	1,103	66.2	0.370
Yes	435	62.3	587	53.2		326	37.1	564	33.8	
Improved toilet facility, not shared	N=261		N=515			N=552		N=1,103		
Flush/pour flush toilet to piped sewer system	16	6.1	14	2.7	N/A	41	7.4	15	1.4	N/A
Flush/pour flush toilet to septic tank	8	3.1	1	0.2		16	2.9	4	0.4	
Flush/pour flush to pit	81	31.0	80	15.5		123	22.3	301	27.3	
Ventilated improved pit latrine	2	0.8	2	0.4		10	1.8	9	0.8	
Pit latrine with slab	57	21.8	117	22.7		126	22.8	161	14.6	
Composting/dry toilet	1	0.4	4	0.8		0	0.0	0	0.0	
Improved toilet facility, shared	N=435		N=585			N=326		N=564		
Flush/pour flush toilet to piped sewer system	33	7.6	9	1.5	N/A	15	4.6	1	0.2	N/A
Flush/pour flush toilet to septic tank	7	1.6	2	0.3		8	2.5	1	0.2	
Flush/pour flush to pit	148	34.0	99	16.9		74	22.7	34	6.0	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Ventilated improved pit latrine	2	0.5	1	0.2		6	1.8	7	1.2	
Pit latrine with slab	117	26.9	158	27.0		97	29.8	206	36.5	
Composting/dry toilet	5	1.1	2	0.3		0	0.0	0	0.0	
Non-improved facility, shared or not shared	N=1,691		N=1,728			N=2,262		N=3,055		
Flush/pour flush to elsewhere	18	1.1	4	0.2	N/A	2	0.1	14	0.5	N/A
Pit latrine without slab/open pit	195	11.5	611	35.4		223	9.9	367	12.0	
Service/bucket latrine	1	0.1	0	0.0		0	0.0	0	0.0	
Hanging latrine	2	0.1	0	0.0		1	0.0	1	0.0	
No facility (field, bush, plastic bag)	992	58.7	620	35.9		1,384	61.2	1,388	45.4	
Other	2	0.1	0	0.0		1	0.0	3	0.1	
Types of toilet facilities – overall*	N=1,687		N=1,725			N=2,262		N=3,055		
Improved facility, not shared	165	9.8	218	12.6	0.106	316	14.0	490	16.0	0.398
Improved facility, shared	312	18.5	271	15.7	0.314	200	8.8	249	8.2	0.653
Improved facility, shared or not shared	481	28.4	493	28.5	0.981	516	22.8	739	24.2	0.680
Non-improved facility, shared or not shared	1,210	71.6	1,235	71.5		1,746	77.2	2,316	75.8	

* The total N varied slightly for each item. The N presented is the minimum.

Table 6. Household Wealth, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Household wealth, quintiles*	N=393		N=706			N=760		N=1,326		
Lowest	77	19.6	138	19.5	0.989	137	18.0	252	19.0	0.711
Second	88	22.4	159	22.5	0.967	112	14.7	297	22.4	0.002
Middle	66	16.8	153	21.7	0.075	131	17.2	279	21.0	0.070
Fourth	61	15.5	152	21.5	0.044	167	22.0	301	22.7	0.759
Highest	101	25.7	104	14.7	0.002	213	28.0	197	14.9	0.000
Among mothers of children under two										
Household wealth, quintiles*	N=1,270		N=1,459			N=2,246		N=3,039		

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Lowest	233	18.3	318	21.8	0.240	410	18.3	602	19.8	0.511
Second	210	16.5	312	21.4	0.016	374	16.7	675	22.2	0.001
Middle	219	17.2	319	21.9	0.013	396	17.6	690	22.7	0.000
Fourth	263	20.7	303	20.8	0.977	453	20.2	628	20.7	0.748
Highest	345	27.2	207	14.2	0.000	613	27.3	444	14.6	0.000

* The wealth index was developed based on guidance developed by Population Services International (PSI) (Fry et al. 2014). It included ownership of electricity, radio, television, mobile phone, landline phone, refrigerator, generator, watch, bicycle, motorcycle cart, car, boat, canoe, land, cows, goats, sheep, chickens/poultry, rooms for sleeping, improved latrine, good quality walls (cement, stone, brick, or covered adobe), good quality floors (not dirt), good quality roof (metal, wood, calamine, tile, cement, or shingles).

Women's Characteristics

Table 7. Respondents' Age, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Age (years)	N=514		N=837			N=765		N=1,333		
<18	17	3.3	52	6.2	0.044	29	3.8	85	6.4	0.016
18-24	232	45.1	317	37.9	0.008	332	43.4	517	38.8	0.035
25+	265	51.6	468	55.9	0.121	404	52.8	731	54.8	0.380
Don't know	0	0.0	0	0.0	N/A	0	0.0	0	0.0	N/A
Age in years, mean (SD)	25.5 (6.0)		25.7 (6.4)		0.412	25.5 (6.2)		25.9 (7.0)		0.179
Among mothers of children under two										
Age (years)	N=1,657		N=1,743			N=2,262		N=3,055		
<18	36	2.2	60	3.4	0.038	53	2.3	83	2.7	0.474
18-24	601	36.3	658	37.8	0.428	818	36.2	1,060	34.7	0.363
25+	1,020	61.6	1,025	58.8	0.152	1,391	61.5	1,912	62.6	0.536
Don't know	0	0.0	0	0.0	N/A	0	0.0	0	0.0	N/A
Age in years, mean (SD)	27.3 (7.0)		26.2 (6.3)		0.000	27.0 (6.8)		27.1 (6.9)		0.602

Table 8. Respondents' Religion, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Religion	N=530		N=836			N=765		N=1,333		
Christian	436	82.3	302	36.1	0.000	609	79.6	442	33.2	0.000
Islam	93	17.5	532	63.6	0.000	156	20.4	891	66.8	0.000
Traditionalist	1	0.2	2	0.2	N/A	0	0.0	0	0.0	N/A
Among mothers of children under two										
Religion	N=1,704		N=1,747			N=2,262		N=3,055		
Christian	1,428	83.8	675	38.6	0.000	1,847	81.7	1,266	41.4	0.000
Islam	272	16.0	1,069	61.2	0.000	415	18.3	1,789	58.6	0.000
Traditionalist	4	0.2	3	0.2	N/A	0	0.0	0	0.0	N/A

Table 9. Respondents' Language, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Dominant language	N=526		N=835			N=765		N=1,333		
Hausa	180	34.2	529	63.4	0.000	204	26.7	839	62.9	0.000
Adara	303	57.6	3	0.4	0.000	493	64.4	3	0.2	0.000
Chawai	0	0.0	77	9.2	0.001	0	0.0	150	11.3	0.000
Other	43	8.2	226	27.1	0.000	68	8.9	341	25.6	0.000
Spoken languages*	N=536		N=841			N=765		N=1,333		
Hausa	517	96.5	831	98.8	0.007	744	97.3	1,321	99.1	0.009
Adara	377	70.3	2	0.2	0.000	562	73.5	5	0.4	0.000
Chawai	0	0.0	95	11.3	0.000	1	0.1	186	14.0	0.000
English	91	17.0	56	6.7	0.000	133	17.4	76	5.7	0.000
Among mothers of children under two										
Dominant language	N=1,687		N=1,750			N=2,262		N=3,055		
Hausa	582	34.5	1,088	62.2	0.000	588	26.0	1,610	52.7	0.000
Adara	971	57.6	16	0.9	0.000	1,497	66.2	14	0.5	0.000

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Chawai	0	0.0	176	10.1	0.000	1	0.0	423	13.8	0.000
Other	134	7.9	470	26.9	0.000	176	7.8	1,008	33.0	0.000
Spoken languages*	N=1,714		N=1,758			N=2,262		N=3,055		
Hausa	1,631	95.2	1,734	98.6	0.000	2,180	96.4	3,020	98.9	0.001
Adara	1,233	71.9	13	0.7	0.000	1,687	74.6	12	0.4	0.000
Chawai	0	0.0	197	11.2	0.000	2	0.1	504	16.5	0.000
English	272	15.9	94	5.3	0.000	368	16.3	170	5.6	0.000

* The percentages may total more than 100 because multiple responses were allowed.

Table 10. Respondents' Residence, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Number of years living at current residence	N=528		N=834			N=765		N=1,333		
<1	55	10.4	45	5.4	N/A	82	10.7	77	5.8	N/A
1-3	122	23.1	158	18.9		181	23.7	261	19.6	
4-6	94	17.8	137	16.4		131	17.1	239	17.9	
7-9	61	11.6	112	13.4		86	11.2	175	13.1	
10-12	62	11.7	125	15.0		80	10.5	162	12.2	
13-15	38	7.2	89	10.7		49	6.4	96	7.2	
≥16	95	18.0	167	20.0		156	20.4	323	24.2	
Don't know	1	0.2	1	0.1		0	0.0	0	0.0	
Among those who had lived elsewhere before current residence, previous residence	N=456		N=700			N=657		N=1,182		
City	16	3.5	10	1.4	N/A	27	4.1	11	0.9	N/A
Town	81	17.8	58	8.3		206	31.4	276	23.4	
Country	359	78.7	632	90.3		424	64.5	895	75.7	
Among mothers of children under two										

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Number of years living at current residence	N=1,688		N=1,746			N=2,262		N=3,055		
<1	72	4.3	26	1.5	N/A	65	2.9	51	1.7	N/A
1-3	369	21.9	305	17.5		538	23.8	492	16.1	
4-6	355	21.0	325	18.6		405	17.9	592	19.4	
7-9	205	12.1	267	15.3		256	11.3	388	12.7	
10-12	192	11.4	261	14.9		295	13.0	427	14.0	
13-15	115	6.8	151	8.6		157	6.9	275	9.0	
≥16	378	22.4	408	23.4		546	24.1	825	27.0	
Don't know	2	0.1	3	0.2		0	0.0	5	0.2	
Among those who had lived elsewhere before current residence, previous residence	N=1,417		N=1,395			N=1,924		N=2,688		
City	50	3.5	7	0.5	N/A	64	3.3	30	1.1	N/A
Town	243	17.1	118	8.5		574	29.8	640	23.8	
Country	1,124	79.3	1,270	91.0		1,286	66.8	2,018	75.1	

Table 11. Respondents' Marital Status and Household Head, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Marital status	N=529		N=838							
Never married	7	1.3	3	0.4	N/A	6	0.8	8	0.6	N/A
Married	508	96.0	783	93.4		749	97.9	1,320	99.0	
Living together	6	1.1	51	6.1		6	0.8	3	0.2	
Divorced/separated	2	0.4	1	0.1		1	0.1	0	0.0	
Widowed	6	1.1	0	0.0		3	0.4	2	0.2	
Married/union	514	97.2	834	99.4	0.001	755	98.7	1,323	99.2	0.226
Residence of husband/partner	N=508		N=825			N=755		N=1,323		
Living with respondent	496	97.6	815	98.8	0.128	739	97.9	1,300	98.3	0.547
Living elsewhere	12	2.4	10	1.2		16	2.1	23	1.7	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Relationship to head of household	N=533		N=838			N=765		N=1,333		
Head of household	6	1.1	13	1.6	N/A	11	1.4	9	0.7	N/A
Partner	507	95.1	815	97.3	0.088	733	95.8	1,298	97.4	0.075
Daughter	10	1.9	6	0.7	N/A	7	0.9	8	0.6	N/A
Daughter-in-law	7	1.3	1	0.1	N/A	9	1.2	3	0.2	N/A
Grandchild	0	0.0	0	0.0	N/A	0	0.0	0	0.0	N/A
Parent	2	0.4	0	0.0	N/A	0	0.0	6	0.5	N/A
Parent-in-law	0	0.0	1	0.1	N/A	2	0.3	6	0.5	N/A
Sister	0	0.0	1	0.1	N/A	1	0.1	2	0.2	N/A
Other relative	0	0.0	1	0.1	N/A	2	0.3	0	0.0	N/A
Adopted/foster/stepchild	0	0.0	0	0.0	N/A	0	0.0	0	0.0	N/A
Not related	0	0.0	0	0.0	N/A	0	0.0	0	0.0	N/A
Don't know	1	0.2	0	0.0	N/A	0	0.0	1	0.1	N/A
Among mothers of children under two										
Marital status	N=1,697		N=1,751			N=2,260		N=3,054		
Never married	30	1.8	12	0.7	N/A	33	1.5	29	0.9	N/A
Married	1,627	95.9	1,651	94.3		2,182	96.5	3,002	98.3	
Living together	12	0.7	79	4.5		14	0.6	10	0.3	
Divorced/separated	17	1.0	4	0.2		17	0.8	8	0.3	
Widowed	11	0.6	5	0.3		14	0.6	5	0.2	
Married/union*	1,639	96.6	1,730	98.8	0.000	2,196	97.1	3,012	98.6	0.002
Residence of husband/partner	N=1,621		N=1,715			N=2,196		N=3,012		
Living with respondent	1,574	97.1	1,694	98.8	0.003	2,145	97.7	2,962	98.3	0.191
Living elsewhere	47	2.9	21	1.2		51	2.3	50	1.7	
Relationship to head of household	N=1,709		N=1,752			N=2,262		N=3,055		
Head of household	30	1.8	32	1.8	N/A	46	2.0	15	0.5	N/A
Partner	1,605	93.9	1,690	96.5	0.014	2,110	93.3	2,972	97.3	0.000
Daughter	36	2.1	15	0.9	N/A	28	1.2	33	1.1	N/A
Daughter-in-law	14	0.8	2	0.1	N/A	30	1.3	15	0.5	N/A
Grandchild	6	0.4	3	0.2	N/A	1	0.0	0	0.0	N/A

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Parent	7	0.4	5	0.3	N/A	29	1.3	12	0.4	N/A
Parent-in-law	2	0.1	2	0.1	N/A	4	0.2	4	0.1	N/A
Sister	6	0.4	1	0.1	N/A	11	0.5	3	0.1	N/A
Other relative	2	0.1	1	0.1	N/A	2	0.1	0	0.0	N/A
Adopted/foster/stepchild	0	0.0	0	0.0	N/A	0	0.0	0	0.0	N/A
Not related	1	0.1	1	0.1	N/A	1	0.0	0	0.0	N/A
Don't know	0	0.0	0	0.0	N/A	0	0.0	1	0.0	N/A

*N-value for Kajuru is 2,262, for Kauru is 3,055

Table 12. Respondent's Pregnancy Status, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among all mothers/caregivers and pregnant women										
Pregnant	N=2,191		N=2,534			N=3,021		N=4,358		
No	1,655	75.5	1,693	66.8	0.000	2,256	74.7	3,025	69.4	0.000
Yes	536	24.5	841	33.2		765	25.3	1,333	30.6	
Among pregnant women										
Number of months pregnant	N=522		N=815			N=765		N=1,333		
≤3	99	19.0	198	24.3		117	15.3	260	19.5	
4-6	217	41.6	316	38.8		307	40.1	486	36.5	
7+	206	39.5	301	36.9		335	43.8	549	41.2	
Don't know	0	0.0	0	0.0		6	0.8	38	2.9	
Among mothers of children under two										
Pregnant	N=1,714		N=1,758			N=2,262		N=3,055		
No	1,655	96.6	1,693	96.3	0.693	2,222	98.2	2,977	97.4	0.088
Yes	59	3.4	65	3.7		40	1.8	78	2.6	
Number of months pregnant	N=50		N=48			N=40		N=78		
≤3	16	32.0	21	43.8	N/A	9	22.5	31	39.7	N/A
4-6	23	46.0	16	33.3		15	37.5	30	38.5	
7+	11	22.0	11	22.9		14	35.0	13	16.7	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Don't know	0	0.0	0	0.0		2	5.0	4	5.1	

Table 13. Respondent's Number of Living Children, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Number of children living with respondent	N=59		N=65			N=160		N=344		
0	1	1.7	0	0.0	N/A	2	1.3	0	0.0	N/A
1	24	40.7	21	32.3		59	36.9	114	33.1	
2	7	11.9	11	16.9		45	28.1	73	21.2	
3	9	15.3	11	16.9		27	16.9	72	20.9	
4	8	13.6	7	10.8		15	9.4	38	11.0	
5	5	8.5	8	12.3		6	3.8	25	7.3	
6	3	5.1	6	9.2		2	1.3	14	4.1	
7	2	3.4	1	1.5		3	1.9	6	1.7	
8	0	0.0	0	0.0		1	0.6	2	0.6	
9	0	0.0	0	0.0		0	0.0	0	0.0	
10+	0	0.0	0	0.0		0	0.0	0	0.0	
Don't know	0	0.0	0	0.0		0	0.0	0	0.0	
Number of children living with respondent, mean (SD)	2.6 (1.8)		2.9 (1.8)		0.410	2.3 (1.5)		2.6 (1.6)		0.021
Number of children <5 years living with respondent	N=59		N=65			N=160		N=344		
0	1	1.7	1	1.5	N/A	6	3.8	1	0.3	N/A
1	40	67.8	32	49.2		125	78.1	227	66.0	
2	17	28.8	25	38.5		29	18.1	115	33.4	
3	1	1.7	5	7.7		0	0.0	1	0.3	
4	0	0.0	1	1.5		0	0.0	0	0.0	
5+	0	0.0	1	1.5		0	0.0	0	0.0	
Don't know	0	0.0	0	0.0		0	0.0	0	0.0	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Number of children < 5 years old living with respondent, mean (SD)	1.3 (0.5)		1.6 (0.8)		0.012	1.1 (0.4)		1.3 (0.5)		0.000
Among mothers of children under two										
Number of children living with respondent	N=1,701		N=1,750			N=2,070		N=2,950		
0	4	0.2	2	0.1	N/A	0	0.0	3	0.1	N/A
1	450	26.5	376	21.5		566	27.3	711	24.1	
2	378	22.2	364	20.8		468	22.6	595	20.2	
3	272	16.0	302	17.3		378	18.3	563	19.1	
4	213	12.5	276	15.8		291	14.1	436	14.8	
5	166	9.8	196	11.2		194	9.4	333	11.3	
6	112	6.6	133	7.6		105	5.1	169	5.7	
7	71	4.2	63	3.6		36	1.7	92	3.1	
8	18	1.1	24	1.4		19	0.9	25	0.8	
9	13	0.8	10	0.6		9	0.4	18	0.6	
10+	4	0.2	4	0.3		4	0.2	5	0.1	
Don't know	0	0.0	0	0.0		0	0.0	0	0.0	
Number of children living with respondent, mean (SD)	3.0 (2.0)		3.2 (1.9)		0.004	2.9 (1.7)		3.1 (1.8)		0.000
Number of children <5 years living with respondent	N=1,700		N=1,750			N=2,070		N=2,950		
0	9	0.5	7	0.4	N/A	43	2.1	11	0.4	N/A
1	961	56.5	734	41.9		1,165	56.3	1,437	48.7	
2	663	39.0	897	51.3		796	38.5	1,386	47.0	
3	61	3.6	100	5.7		57	2.8	107	3.6	
4	5	0.3	10	0.6		5	0.2	9	0.3	
5+	1	0.1	2	0.2		3	0.1	0	0.0	
Don't know	0	0.0	0	0.0		1	0.0	0	0.0	
Number of children < 5 years old living with respondent, mean (SD)	1.5 (0.6)		1.6 (0.6)		0.000	1.5 (2.2)		1.5 (0.5)		0.106

Table 14. Respondent's Experience of Hunger, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Respondent went to sleep hungry in the last week	N=523		N=836			N=729		N=1,305		
No	520	99.4	831	99.4	0.957	719	98.6	1,287	98.6	0.989
Yes	3	0.6	5	0.6		10	1.4	18	1.4	
Among mothers of children under two										
Respondent went to sleep hungry in the last week	N=1,699		N=1,748			N=2,162		N=3,016		
No	1,662	97.8	1,734	99.2	0.011	2,103	97.3	2,986	99.0	0.000
Yes	37	2.2	14	0.8		59	2.7	30	1.0	

Table 15. Respondents' Level of Education, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Educational level	N=524		N=827			N=765		N=1,333		
No education	164	31.3	495	59.9	0.000	196	25.6	693	52.0	0.000
Some primary	59	11.3	63	7.6	N/A	56	7.3	182	13.7	N/A
Completed primary	107	20.4	122	14.8		119	15.6	158	11.9	
Some secondary	124	23.7	91	11.0		256	33.5	206	15.5	
Completed secondary	62	11.8	46	5.6		129	16.9	82	6.2	
More than secondary	8	1.5	10	1.2		9	1.2	12	0.9	
Among mothers of children under two										
Educational level	N=1,668		N=1,733			N=2,262		N=3,055		
No education	520	31.2	1,033	59.6	0.000	624	27.6	1,479	48.4	0.000
Some primary	184	11.0	127	7.3	N/A	250	11.1	460	15.1	N/A
Completed primary	309	18.5	258	14.9		357	15.8	424	13.9	
Some secondary	403	24.2	197	11.4		642	28.4	461	15.1	
Completed secondary	221	13.2	102	5.9		353	15.6	199	6.5	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
More than secondary	31	1.9	16	0.9		36	1.6	32	1.0	

Table 16. Respondents' Employment, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Employed in the 12 months preceding survey	N=532		N=836			N=765		N=1,333		
No	184	34.6	435	52.0	0.000	183	23.9	555	41.6	0.000
Yes	348	65.4	401	48.0		582	76.1	778	58.4	
Currently employed*	N=532		N=832			N=765		N=1,333		
No	230	43.2	455	54.7	0.000	270	35.3	687	51.5	0.000
Yes	302	56.8	377	45.3		495	64.7	646	48.5	
Occupation	N=336		N=401			N=576		N=767		
Sales and services	167	49.7	284	70.8	0.000	337	58.5	534	69.6	0.006
Agriculture	144	42.9	83	20.7	0.000	173	30.0	150	19.6	0.007
Other	25	7.4	34	8.5	0.600	66	11.5	83	10.8	0.766
Among mothers of children under two										
Employed in the 12 months preceding survey	N=1,706		N=1,755			N=2,262		N=3,055		
No	535	31.4	887	50.5	0.000	429	19	1,000	32.7	0.000
Yes	1,171	68.6	868	49.5		1,833	81.0	2,055	67.3	
Current employed*	N=1,704		N=1,742			N=2,262		N=3,055		
No	628	36.9	935	53.7	0.000	648	28.6	1,267	41.5	0.000
Yes	1,076	63.1	807	46.3		1,614	71.4	1,788	58.6	
Occupation	N=1,157		N=862			N=1,801		N=2,035		
Sales and services	568	49.1	570	66.1	0.000	1,028	57.1	1,406	69.1	0.000
Agriculture	493	42.6	225	26.1	0.000	562	31.2	440	21.6	0.002
Other	96	8.3	67	7.8	0.695	211	11.7	189	9.3	0.088

* "Currently employed" is defined as having done work in the past 7 days. It includes persons who did not work in the past 7 days but who are regularly employed and were absent from work for leave, illness, vacation, or any other such reason.

Table 17. Among Respondents Currently Employed, Average Hours Worked and Payment Type, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Among those currently employed, average number of hours worked per week	N=341		N=375			N=582		N=778		
0-9	101	29.6	140	37.3	N/A	133	22.9	79	10.2	N/A
10-19	93	27.3	81	21.6		117	20.1	208	26.7	
20-29	56	16.4	48	12.8		117	20.1	208	26.7	
30-39	37	10.9	45	12.0		104	17.9	145	18.6	
40-49	28	8.2	15	4.0		59	10.1	67	8.6	
≥50	4	1.2	8	2.1		41	7.0	30	3.9	
Don't know	22	6.5	38	10.1		11	1.9	41	5.3	
Number of hours worked per week, mean (SD)	17.9 (13.8)		15.3 (14.6)		0.019	25.1 (19.9)		24.1 (13.6)		0.306
Among those currently employed, type of earnings	N=344		N=400			N=580		N=776		
Cash only	162	47.1	310	77.5	N/A	396	68.3	596	76.8	N/A
Cash and kind	21	6.1	25	6.3		39	6.7	67	8.6	
In kind only	24	7.0	1	0.3		7	1.2	3	0.4	
Not paid	137	39.8	64	16.0	0.000	138	23.8	110	14.2	0.002
Among those currently employed, type of employer	N=344		N=401			N=582		N=778		
Employed by family member	157	45.6	100	24.9	N/A	221	38.0	209	26.9	N/A
Employed by non-family member	5	1.5	7	1.7		11	1.9	9	1.2	
Self-employed	182	52.9	294	73.3		350	60.1	560	72.0	
Among those currently employed, continuity of employment	N=336		N=401			N=582		N=778		
All year	158	47.0	283	70.6	0.000	324	55.7	510	65.6	0.007
Seasonal	117	34.8	82	20.4	N/A	167	28.7	175	22.5	N/A
Once in a while	61	18.2	36	9.0		91	15.6	93	12.0	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among those who work, amount earned										
More than husband/partner	9	4.7	8	2.0	N/A	34	7.9	18	2.7	N/A
Less than husband/partner	160	84.2	368	94.1	0.000	388	89.6	618	93.6	0.039
About the same as husband/partner	9	4.7	9	2.3	N/A	9	2.1	20	3.0	N/A
Husband/partner has no earnings	8	4.2	4	1.0		1	0.2	3	0.5	
Don't know	4	2.1	2	0.5		1	0.2	1	0.2	
Among mothers of children under two										
Among those currently employed, average number of hours worked per week	N=1,149		N=824			N=1,833		N=2,055		
0-9	327	28.5	262	31.8	N/A	444	24.2	263	12.8	N/A
10-19	233	20.3	192	23.3		352	19.2	500	24.3	
20-29	180	15.7	161	19.5		351	19.1	468	22.8	
30-39	141	12.3	82	10.0		311	17.0	421	20.5	
40-49	143	12.4	55	6.7		219	11.9	214	10.4	
≥50	47	4.1	12	1.5		128	7.0	110	5.4	
Don't know	78	6.8	60	7.3		28	1.5	79	3.8	
Number of hours worked per week, mean (SD)	21.1 (16.2)		16.7 (14.0)		0.000	24.9 (19.4)		24.9 (15.0)		0.994
Among those currently employed, type of earnings	N=1,164		N=855			N=1,828		N=2,053		
Cash only	602	51.7	601	70.3	N/A	1,269	69.4	1,554	75.7	N/A
Cash and kind	55	4.7	75	8.8		148	8.1	161	7.8	
In kind only	76	6.5	21	2.5		41	2.2	12	0.6	
Not paid	431	37.0	158	18.5	0.000	370	20.2	326	15.9	0.042

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among those currently employed, type of employer	N=1,167		N=862			N=1,833		N=2,055		
Employed by family member	524	44.9	281	32.6	N/A	680	37.1	636	30.9	N/A
Employed by non-family member	27	2.3	15	1.7		44	2.4	23	1.1	
Self-employed	616	52.8	566	65.7		1,109	60.5	1,396	67.9	
Among those currently employed, continuity of employment	N=1,160		N=860			N=1,833		N=2,055		
All year	602	51.9	580	67.4	0.000	1,020	55.6	1,319	64.2	0.002
Seasonal	377	32.5	200	23.3	N/A	547	29.8	509	24.8	N/A
Once in a while	181	15.6	80	9.3		266	14.5	227	11.0	
Among those who work, amount earned	N=681		N=773			N=1,378		N=1,691		
More than husband/partner	31	4.6	15	1.9	N/A	94	6.8	49	2.9	N/A
Less than husband/partner	611	89.7	734	95.0	0.000	1,242	90.1	1,577	93.3	0.010
About the same as husband/partner	18	2.6	14	1.8	N/A	35	2.5	53	3.1	N/A
Husband/partner has no earnings	15	2.2	3	0.4		4	0.3	6	0.4	
Don't know	6	0.9	7	0.9		3	0.2	6	0.4	

Table 18. Respondents' Ownership of Household Assets, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Ownership of home/s	N=527		N=837			N=765		N=1,333		
Respondent alone	37	7.0	33	3.9	N/A	24	3.1	40	3.0	N/A
Jointly (respondent and spouse)	120	22.8	181	21.6		120	15.7	150	11.3	
Both alone and jointly	19	3.6	36	4.3		13	1.7	41	3.1	
Does not own	351	66.6	587	70.1		608	79.5	1,102	82.7	
Respondent alone or jointly	176	33.4	250	29.9	0.322	157	20.5	231	17.3	0.227

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Ownership of land/property	N=525		N=826			N=765		N=1,333		
Respondent alone	49	9.3	57	6.9	N/A	66	8.6	62	4.7	N/A
Jointly (respondent and spouse)	74	14.1	80	9.7		74	9.7	90	6.8	
Both alone and jointly	5	1.0	6	0.7		13	1.7	49	3.7	
Does not own	397	75.6	683	82.7		612	80.0	1,132	84.9	
Respondent alone or jointly	128	24.4	143	17.3	0.019	153	20.0	201	15.1	0.033
Among mothers of children under two										
Ownership of home/s	N=1,703		N=1,751			N=2,262		N=3,055		
Respondent alone	111	6.5	68	3.9	N/A	68	3.0	72	2.4	N/A
Jointly (respondent and spouse)	305	17.9	371	21.2		372	16.4	434	14.2	
Both alone and jointly	85	5.0	102	5.8		55	2.4	106	3.5	
Does not own	1,202	70.6	1,210	69.1		1,767	78.1	2,443	80.0	
Respondent alone or jointly	501	29.4	541	30.9	0.571	495	21.9	612	20.0	0.375
Ownership of land/property	N=1,686		N=1,731			N=2,262		N=3,055		
Respondent alone	182	10.8	123	7.1	N/A	219	9.7	182	6.0	N/A
Jointly (respondent and spouse)	189	11.2	178	10.3		257	11.4	268	8.8	
Both alone and jointly	51	3.0	23	1.3		46	2.0	105	3.4	
Does not own	1,264	75.0	1,407	81.3		1,740	76.9	2,500	81.8	
Respondent alone or jointly	422	25.0	324	18.7	0.006	522	23.1	555	18.2	0.013

Table 19. Respondents' Control of Resources, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Respondent controls money/resources needed to pay for the following items*	N=524		N=834			N=755		N=1,283		
Transportation to health center if respondent is ill	214	40.8	237	28.3	0.003	203	26.6	207	15.8	0.000

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Medicine for respondent	218	41.6	237	28.4	0.002	178	23.4	155	11.9	0.000
Fruits/vegetables	243	45.9	352	42.1	0.304	389	51.2	473	36.4	0.000
Meat/animal foods	230	43.8	304	36.4	0.083	245	32.5	304	23.7	0.001
Respondent controls money/resources needed to pay for the following items*	N=515		N=821			N=492		N=952		
Transport to health center if child is ill	199	38.5	238	29.0	0.025	137	27.8	146	15.3	0.000
Medicine for child/children	192	37.3	237	28.8	0.045	130	26.4	107	11.2	0.000
Among mothers of children under two										
Respondent controls money/resources needed to pay for the following items*	N=1,697		N=1,746			N=2,209		N=2,927		
Transportation to health center if respondent is ill	696	41.0	550	31.4	0.005	698	30.9	612	20.5	0.000
Medicine for respondent	700	41.3	544	31.2	0.003	621	27.5	472	15.8	0.000
Fruits/vegetables	842	49.5	774	44.3	0.056	1,231	54.6	1,274	42.9	0.000
Meat/animal foods	746	44.0	663	37.9	0.070	849	38.4	867	29.6	0.000
Respondent controls money/resources needed to pay for the following items*	N=1,701		N=1,748			N=2,067		N=2,882		
Transport to health center if child is ill	748	44.0	549	31.4	0.000	574	27.8	453	15.7	0.000
Medicine for child/children	727	42.7	542	31.0	0.001	506	24.5	382	13.3	0.000

* The total N varied slightly for each item. The N presented is the minimum.

Table 20. Respondents' Beliefs about the Role of Women, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
How strongly do you agree or disagree that only men should make the important decisions in the family?	N=513		N=828			N=765		N=1,333		
Strongly disagree	45	8.8	90	10.9	0.313	30	3.9	64	4.8	0.408
Disagree	135	26.3	120	14.5	N/A	128	16.7	131	9.8	N/A
Agree	203	39.6	471	56.9		333	43.5	600	45.0	
Strongly agree	127	24.8	142	17.1		272	35.6	538	40.4	
Don't know	3	0.6	5	0.6		2	0.3	0	0.0	
Strongly disagree + disagree	180	35.1	210	25.4	0.004	158	20.7	195	14.6	0.007
How strongly do you agree or disagree that a mother should be able to express her opinion regarding child feeding?	N=513		N=827			N=765		N=1,333		
Strongly disagree	7	1.4	19	2.3	N/A	1	0.1	4	0.3	N/A
Disagree	23	4.5	53	6.4		18	2.4	18	1.4	
Agree	314	61.2	547	66.1		312	40.8	640	48.0	
Strongly agree	164	32.0	203	24.5	0.024	433	56.6	666	50.0	0.064
Don't know	5	1.0	5	0.6	N/A	1	0.1	5	0.4	N/A
Strongly agree + agree	478	93.2	750	90.7	0.201	745	97.4	1,306	98.0	0.386
How strongly do you agree or disagree that a mother should be allowed to participate in mother's groups?	N=513		N=828			N=765		N=1,333		
Strongly disagree	22	4.3	57	6.9	N/A	3	0.4	11	0.8	N/A
Disagree	24	4.7	84	10.1		22	2.9	59	4.4	
Agree	270	52.6	471	56.9		298	39.0	630	47.3	
Strongly agree	160	31.2	158	19.1	0.000	437	57.1	623	46.7	0.003
Don't know	37	7.2	58	7.0	N/A	5	0.7	10	0.8	N/A
Strongly agree + agree	430	83.8	629	76.0	0.009	735	96.1	1,253	94.0	0.079

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among mothers of children under two										
How strongly do you agree or disagree that only men should make the important decisions in the family?	N=1,660		N=1,733			N=2,262		N=3,055		
Strongly disagree	145	8.7	136	7.8	0.587	112	5.0	135	4.4	0.552
Disagree	485	29.2	207	11.9	N/A	359	15.9	281	9.2	N/A
Agree	675	40.7	1,091	63.0		1,044	46.2	1,358	44.5	
Strongly agree	350	21.1	295	17.0		745	32.9	1,278	41.8	
Don't know	5	0.3	4	0.2		2	0.1	3	0.1	
Strongly disagree + disagree	630	38.0	343	19.8	0.000	471	20.8	416	13.6	0.000
How strongly do you agree or disagree that a mother should be able to express her opinion regarding child feeding?	N=1,660		N=1,733			N=2,262		N=3,055		
Strongly disagree	31	1.9	29	1.7	N/A	2	0.1	3	0.1	N/A
Disagree	102	6.1	94	5.4		55	2.4	45	1.5	
Agree	975	58.7	1,256	72.5		991	43.8	1,474	48.2	
Strongly agree	546	32.9	352	20.3	0.000	1,214	53.7	1,526	50.0	0.164
Don't know	6	0.4	2	0.1	N/A	0	0.0	7	0.2	N/A
Strongly agree + agree	1,521	91.6	1,608	92.8	0.438	2,205	97.5	3,000	98.2	0.211
How strongly do you agree or disagree that a mother should be allowed to participate in mother's groups?	N=1,660		N=1,733			N=2,262		N=3,055		
Strongly disagree	71	4.3	61	3.5	N/A	7	0.3	20	0.7	N/A
Disagree	68	4.1	156	9.0		48	2.1	95	3.1	
Agree	911	54.9	1,048	60.5		906	40.1	1,428	46.7	
Strongly agree	533	32.1	348	20.1	0.000	1,292	57.1	1,479	48.4	0.002
Don't know	77	4.6	120	6.9	N/A	9	0.4	33	1.1	N/A
Strongly agree + agree	1,444	87.0	1,396	80.6	0.007	2,198	97.2	2,907	95.2	0.014

Table 21. Respondents' Role in Decision Making, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Person who usually decides how the money respondent earns will be used	N=533		N=834			N=433		N=660		
Respondent alone	102	19.1	246	29.5	N/A	197	45.5	405	61.4	N/A
Husband/partner alone	64	12.0	103	12.4		107	24.7	134	20.3	
Respondent and husband/partner jointly	24	4.5	42	5.0		121	27.9	115	17.4	
Other	1	0.2	1	0.1		4	0.9	5	0.8	
Not applicable	342	64.2	442	53.0		4	0.9	1	0.2	
Person who usually decides how the money the husband/partner earns will be used	N=478		N=803			N=754		N=1,320		
Respondent alone	33	6.9	81	10.1	N/A	64	8.5	45	3.4	N/A
Husband/partner alone	366	76.6	651	81.1		466	61.8	1,101	83.4	
Respondent and husband/partner jointly	66	13.8	68	8.5		214	28.4	160	12.1	
Husband/partner has no earnings	12	2.5	0	0.0		1	0.1	4	0.3	
Other	1	0.2	3	0.4		9	1.2	10	0.8	
Person who makes decisions about respondent's health care	N=499		N=807			N=755		N=1,323		
Respondent alone	24	4.8	57	7.1	N/A	49	6.5	58	4.4	N/A
Husband/partner alone	397	79.6	649	80.4		519	68.7	1,122	84.8	
Respondent and husband/partner jointly	75	15.0	100	12.4		182	24.1	142	10.7	
Other	3	0.6	1	0.1		3	0.4	0	0.0	
Not applicable	0	0.0	0	0.0		2	0.3	1	0.1	
Person who makes decisions about major household purchases	N=503		N=808			N=755		N=1,323		
Respondent alone	22	4.4	37	4.6	N/A	32	4.2	38	2.9	N/A
Husband/partner alone	402	79.9	653	80.8		549	72.7	1,131	85.5	
Respondent and husband/partner jointly	76	15.1	117	14.5		159	21.1	136	10.3	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Other	3	0.6	1	0.1		9	1.2	13	1.0	
Not applicable	0	0.0	0	0.0		6	0.8	5	0.4	
Person who makes decisions about visits to respondent's family or relatives	N=503		N=807			N=755		N=1,323		
Respondent alone	44	8.7	53	6.6	N/A	42	5.6	35	2.6	N/A
Husband/partner alone	359	71.4	592	73.4		464	61.5	996	75.3	
Respondent and husband/partner jointly	99	19.7	161	20.0		241	31.9	285	21.5	
Other	1	0.2	1	0.1		4	0.5	3	0.2	
Not applicable	0	0.0	0	0.0		4	0.5	4	0.3	
Among respondents with at least one child under 2 years old, person who makes decisions about when to stop breastfeeding	N=521		N=835			N=493		N=974		
Respondent alone	167	32.1	259	31	N/A	145	29.4	239	24.5	N/A
Husband/partner alone	108	20.7	206	24.7		152	30.8	371	38.1	
Respondent and husband/partner jointly	65	12.5	136	16.3		192	38.9	349	35.8	
Someone else	2	0.4	4	0.5		2	0.4	11	1.1	
Respondent and someone else jointly	1	0.2	3	0.4		2	0.4	1	0.1	
Decision not made/not applicable	178	34.2	227	27.2		0	0.0	3	0.3	
Among respondents with at least one child under 2 years old, person who makes decisions about what to feed a child	N=524		N=841			N=493		N=974		
Respondent alone	175	33.4	246	29.3	N/A	136	27.6	185	19.0	N/A
Husband/partner alone	114	21.8	300	35.7		198	40.2	594	61.0	
Respondent and husband/partner jointly	57	10.9	69	8.2		158	32.0	193	19.8	
Someone else	0	0.0	0	0.0		0	0.0	2	0.2	
Respondent and someone else jointly	1	0.2	0	0.0		1	0.2	0	0.0	
Decision not made/not applicable	177	33.8	226	26.9		0	0.0	0	0.0	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among respondents with at least one child under 2 years old, person who makes decisions about when to feed a child	N=524		N=841			N=493		N=974		
Respondent alone	255	48.7	451	53.6	N/A	243	49.3	515	52.9	N/A
Husband/partner alone	59	11.3	119	14.1		125	25.4	327	33.6	
Respondent and husband/partner jointly	32	6.1	44	5.2		123	24.9	128	13.1	
Someone else	1	0.2	0	0.0		2	0.4	4	0.4	
Respondent and someone else jointly	0	0.0	0	0.0		0	0.0	0	0.0	
Decision not made/not applicable	177	33.8	227	27.0		0	0.0	0	0.0	
Among respondents with at least one child under 2 years old, person who makes decisions about what to do if a child falls sick	N=525		N=841			N=493		N=974		
Respondent alone	54	10.3	54	6.4	N/A	35	7.1	49	5.0	N/A
Husband/partner alone	212	40.4	430	51.1		268	54.4	731	75.1	
Respondent and husband/partner jointly	81	15.4	131	15.6		189	38.3	191	19.6	
Someone else	1	0.2	0	0.0		1	0.2	3	0.3	
Respondent and someone else jointly	0	0.0	0	0.0		0	0.0	0	0.0	
Decision not made/not applicable	177	33.7	226	26.9		0	0.0	0	0.0	
Among those who responded, those who reported being able to make decisions about how the money that the respondent earns will be used.	N=191		N=392			N=429		N=659		
Respondent alone or jointly	126	66.0	288	73.5	0.156	319	74.4	520	78.9	0.147
Among those who responded, those who reported being able to make decisions about how the money that the husband/partner earns is used.	N=466		N=803			N=753		N=1,316		
Respondent alone or jointly	99	21.2	149	18.6	0.404	277	36.8	205	15.6	0.000

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among those who responded, those who reported being able to make decisions about the respondent's health care.	N=499		N=807			N=753		N=1,322		
Respondent alone or jointly	99	19.8	157	19.5	0.894	231	30.7	200	15.1	0.000
Among those who responded, those who reported being able to make decisions about major household purchases.	N=503		N=808			N=749		N=1,318		
Respondent alone or jointly	98	19.5	154	19.1	0.885	191	25.5	174	13.2	0.000
Among those who responded, those who reported being able to make decisions about visits to respondent's family or relatives.	N=503		N=807			N=751		N=1,319		
Respondent alone or jointly	143	28.4	214	26.5	0.601	283	37.7	320	24.3	0.000
Among those who responded and who have children under 2 years old, those who reported being able to make decisions about when to stop breastfeeding.	N=343		N=608			N=493		N=971		
Respondent alone or jointly	233	67.9	398	65.5	0.507	339	68.8	589	60.7	0.016
Among those who responded and who have children under 2 years old, those who reported being able to make decisions about what to feed a child.	N=347		N=615			N=493		N=974		
Respondent alone or jointly	233	67.1	315	51.2	0.000	295	59.8	378	38.8	0.000
Among those who responded and who have children under 2 years old, those who reported being able to make decisions about when to feed a child.	N=347		N=614			N=493		N=974		
Respondent alone or jointly	287	82.7	495	80.6	0.478	366	74.2	643	66.0	0.011
Among those who responded and who have children under 2 years old, those who reported being able to make decisions about what to do if a child falls ill.	N=348		N=615			N=493		N=974		
Respondent alone or jointly	135	38.8	185	30.1	0.027	224	45.4	240	24.6	0.000

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among those who responded, decisions made alone or jointly with someone else										
Number of decisions, mean (SD)	4.0 (2.0)		3.7 (2.0)		0.093	4.1 (2.3)		3.5 (2.1)		0.000
Among mothers of children under two										
Person who usually decides how the money respondent earns will be used	N=1,705		N=1,747			N=1,378		N=1,691		
Respondent alone	351	20.6	500	28.6	N/A	659	47.8	960	56.8	N/A
Husband/partner alone	222	13.0	224	12.8		318	23.1	409	24.2	
Respondent and husband/partner jointly	106	6.2	52	3.0		394	28.6	316	18.7	
Other	2	0.1	1	0.1		3	0.2	5	0.3	
Not applicable	1,024	60.1	970	55.5		4	0.3	1	0.1	
Person who usually decides how the money the husband/partner earns will be used	N=1,555		N=1,687			N=2,192		N=3,006		
Respondent alone	139	8.9	123	7.3	N/A	175	8.0	115	3.8	N/A
Husband/partner alone	1,143	73.5	1,443	85.5		1,387	63.3	2,454	81.6	
Respondent and husband/partner jointly	245	15.8	115	6.8		616	28.1	419	13.9	
Husband/partner has no earnings	20	1.3	2	0.1		2	0.1	6	0.2	
Other	8	0.5	4	0.2		12	0.5	12	0.4	
Person who makes decisions about respondent's health care	N=1,622		N=1,689			N=2,196		N=3,012		
Respondent alone	102	6.3	87	5.2	N/A	143	6.5	112	3.7	N/A
Husband/partner alone	1,260	77.7	1,438	85.1		1,468	66.8	2,549	84.6	
Respondent and husband/partner jointly	256	15.8	164	9.7		578	26.3	338	11.2	
Other	4	0.2	0	0.0		7	0.3	13	0.4	
Not applicable	0	0.0	0	0.0		0	0.0	0	0.0	
Person who makes decisions about major household purchases	N=1,626		N=1,689			N=2,196		N=3,012		
Respondent alone	111	6.8	58	3.4	N/A	79	3.6	76	2.5	N/A

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Husband/partner alone	1,211	74.5	1,411	83.5		1,572	71.6	2,567	85.2	
Respondent and husband/partner jointly	299	18.4	218	12.9		507	23.1	334	11.1	
Other	5	0.3	2	0.1		18	0.8	24	0.8	
Not applicable	0	0.0	0	0.0		20	0.9	11	0.4	
Person who makes decisions about visits to respondent's family or relatives	N=1,624		N=1,688			N=2,196		N=3,012		
Respondent alone	182	11.2	85	5.0	N/A	173	7.9	69	2.3	N/A
Husband/partner alone	1,092	67.2	1,290	76.4		1,288	58.7	2,300	76.4	
Respondent and husband/partner jointly	349	21.5	312	18.5		721	32.8	634	21.0	
Other	1	0.1	1	0.1		14	0.6	7	0.2	
Not applicable	0	0.0	0	0.0		0	0.0	2	0.1	
Among respondents with at least one child under 2 years old, person who makes decisions about when to stop breastfeeding	N=1,695		N=1,739			N=2,070		N=2,947		
Respondent alone	847	50.0	643	37.0	N/A	547	26.4	724	24.6	N/A
Husband/partner alone	466	27.5	551	31.7		541	26.1	1,051	35.7	
Respondent and husband/partner jointly	338	19.9	465	26.7		832	40.2	951	32.3	
Someone else	10	0.6	12	0.7		36	1.7	25	0.8	
Respondent and someone else jointly	8	0.5	5	0.3		9	0.4	11	0.4	
Decision not made/not applicable	26	1.5	63	3.6		105	5.1	185	6.3	
Among respondents with at least one child under 2 years old, person who makes decisions about what to feed a child	N=1,702		N=1,753			N=2,070		N=2,947		
Respondent alone	989	58.1	590	33.7	N/A	580	28.0	615	20.9	N/A
Husband/partner alone	435	25.6	850	48.5		797	38.5	1,707	57.9	
Respondent and husband/partner jointly	256	15.0	287	16.4		650	31.4	579	19.6	
Someone else	7	0.4	4	0.2		24	1.2	16	0.5	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Respondent and someone else jointly	4	0.2	1	0.1		5	0.2	5	0.2	
Decision not made/not applicable	11	0.6	21	1.2		14	0.7	25	0.8	
Among respondents with at least one child under 2 years old, person who makes decisions about when to feed a child	N=1,706		N=1,753			N=2,221		N=3,265		
Respondent alone	1,345	78.8	1,341	76.5	N/A	1,170	52.7	1,766	54.1	N/A
Husband/partner alone	230	13.5	307	17.5		485	21.8	1,011	31.0	
Respondent and husband/partner jointly	122	7.2	95	5.4		525	23.6	445	13.6	
Someone else	2	0.1	4	0.2		22	1.0	15	0.5	
Respondent and someone else jointly	0	0.0	0	0.0		7	0.3	7	0.2	
Decision not made/not applicable	7	0.4	6	0.3		12	0.5	21	0.6	
Among respondents with at least one child under 2 years old, person who makes decisions about what to do if a child falls sick	N=1,706		N=1,752			N=2,070		N=2,947		
Respondent alone	341	20.0	140	8.0	N/A	1,086	52.5	1,582	53.7	N/A
Husband/partner alone	968	56.7	1,172	66.9		451	21.8	912	30.9	
Respondent and husband/partner jointly	366	21.5	423	24.1		493	23.8	410	13.9	
Someone else	19	1.1	7	0.4		21	1.0	15	0.5	
Respondent and someone else jointly	1	0.1	2	0.1		7	0.3	7	0.2	
Decision not made/not applicable	11	0.6	8	0.5		12	0.6	21	0.7	
Among those who responded, those who reported being able to make decisions about how the money that the respondent earns will be used.	N=681		N=777			N=1,374		N=1,690		
Respondent alone or jointly	457	67.1	552	71.0	0.259	1,053	76.6	1,276	75.5	0.624

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among those who responded, those who reported being able to make decisions about how the money that the husband/partner earns is used.	N=1,535		N=1,685			N=2,190		N=3,000		
Respondent alone or jointly	384	25.0	238	14.1	0.000	791	36.1	534	17.8	0.000
Among those who responded, those who reported being able to make decisions about the respondent's health care.	N=1,622		N=1,689			N=2,196		N=3,012		
Respondent alone or jointly	358	22.1	251	14.9	0.001	721	32.8	450	14.9	0.000
Among those who responded, those who reported being able to make decisions about major household purchases.	N=1,626		N=1,689			N=2,176		N=3,001		
Respondent alone or jointly	410	25.2	276	16.3	0.000	586	26.9	410	13.7	0.000
Among those who responded, those who reported being able to make decisions about visits to respondent's family or relatives.	N=1,624		N=1,688			N=2,196		N=3,010		
Respondent alone or jointly	531	32.7	397	23.5	0.001	894	40.7	703	23.4	0.000
Among those who responded and who have children under 2 years old, those who reported being able to make decisions about when to stop breastfeeding.	N=1,669		N=1,676			N=1,965		N=2,762		
Respondent alone or jointly	1,193	71.5	1,113	66.4	0.024	1,388	70.6	1,686	61.0	0.000
Among those who responded and who have children under 2 years old, those who reported being able to make decisions about what to feed a child.	N=1,691		N=1,732			N=2,056		N=2,922		
Respondent alone or jointly	1,249	73.9	878	50.7	0.000	1,235	60.1	1,199	41.0	0.000
Among those who responded and who have children under 2 years old, those who reported being able to make decisions about when to feed a child.	N=1,699		N=1,747			N=2,058		N=2,926		
Respondent alone or jointly	1,467	86.3	1,436	82.2	0.008	1,586	77.1	1,999	68.3	0.000

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among those who responded and who have children under 2 years old, those who reported being able to make decisions about what to do if a child falls ill.	N=1,695		N=1,744			N=2,063		N=2,939		
Respondent alone or jointly	708	41.8	565	32.4	0.001	946	45.9	773	26.3	0.000
Among those who responded. decisions made alone or jointly with someone else ABOUT THE CHILD	N=1657		N=1664			N=1962		N=2762		
Number of decisions, mean (SD)	2.7 (1.2)		2.3 (1.2)		0.000	2.5 (1.4)		1.9 (1.3)		0.000
Among those who responded and who have children under 2 years old, number of decisions involved in making that are related to care of the child	N=1657		N=1664			N=1962		N=2762		
0 decisions	87	5.3	117	7.0		253	12.9	463	16.8	
1 decision	200	12.1	329	19.8		261	13.3	647	23.4	
2 decisions	306	18.5	491	29.5		335	17.1	674	24.4	
3 decisions	543	32.8	387	23.3		450	22.9	515	18.6	
4 decisions	521	31.4	340	20.4		663	33.8	463	16.8	

Table 22. Respondents' Ability to Move Freely, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Permitted to go to the local market to buy things	N=529		N=834			N=765		N=1,333		
Alone	401	75.8	449	53.8	0.000	542	70.8	541	40.6	0.000
Not alone (accompanied)	102	19.3	148	17.7		147	19.2	198	14.9	
Never	26	4.9	237	28.4		76	9.9	594	44.6	
Permitted to go to the local health center or doctor	N=529		N=833			N=765		N=1,333		
Alone	347	65.6	460	55.2	0.005	579	75.7	813	61.0	0.000
Not alone (accompanied)	174	32.9	341	40.9		172	22.5	441	33.1	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Never	8	1.5	32	3.8		14	1.8	79	5.9	
Permitted to go to a nearby mosque/church	N=527		N=832			N=765		N=1,333		
Alone	338	64.1	351	42.2	0.000	550	71.9	541	40.6	0.000
Not alone (accompanied)	162	30.7	141	16.9		145	19.0	183	13.7	
Never	27	5.1	340	40.9		70	9.2	609	45.7	
Permitted to go to the homes of friends in the neighborhood	N=529		N=834			N=765		N=1,333		
Alone	426	80.5	646	77.5	0.301	675	88.2	1,083	81.2	0.004
Not alone (accompanied)	98	18.5	167	20.0		73	9.5	191	14.3	
Never	5	0.9	21	2.5		17	2.2	59	4.4	
Permitted to go to all four locations alone	N=528		N=833			N=765		N=1,333		
No	258	48.9	576	69.1	0.000	349	45.6	965	72.4	0.000
Yes	270	51.1	257	30.9		416	54.4	368	27.6	
Among mothers of children under two										
Permitted to go to the local market to buy things	N=1,708		N=1,748			N=2,262		N=3,055		
Alone	1,376	80.6	982	56.2	0.000	1,768	78.2	1,458	47.7	0.000
Not alone (accompanied)	274	16.0	281	16.1		283	12.5	380	12.4	
Never	58	3.4	485	27.7		211	9.3	1,217	39.8	
Permitted to go to the local health center or doctor	N=1,708		N=1,751			N=2,262		N=3,055		
Alone	1,145	67.0	1,056	60.3	0.025	1,793	79.3	2,064	67.6	0.000
Not alone (accompanied)	553	32.4	644	36.8		454	20.1	889	29.1	
Never	10	0.6	51	2.9		15	0.7	102	3.3	
Permitted to go to a nearby mosque/church	N=1,704		N=1,749			N=2,262		N=3,055		
Alone	1,151	67.5	750	42.9	0.000	1,733	76.6	1,439	47.1	0.000
Not alone (accompanied)	468	27.5	311	17.8		321	14.2	358	11.7	
Never	85	5.0	688	39.3		208	9.2	1,258	41.2	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Permitted to go to the homes of friends in the neighborhood	N=1,707		N=1,751			N=2,262		N=3,055		
Alone	1,394	81.7	1,417	80.9	0.734	2,017	89.2	2,608	85.4	0.014
Not alone (accompanied)	305	17.9	297	17.0		217	9.6	359	11.8	
Never	8	0.5	37	2.1		28	1.2	88	2.9	
Permitted to go to all four locations alone	N=1,706		N=1,750			N=2,262		N=3,055		
No	789	46.2	1,150	65.7	0.000	895	39.6	2,022	66.2	0.000
Yes	917	53.8	600	34.3		1,367	60.4	1,033	33.8	

Table 23. Respondents' Civic Participation, by Type of Respondent, Location, and Time Point

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among pregnant women										
Member of an association, group, or club.	N=529		N=834			N=765		N=1,333		
No	284	53.7	632	75.8	0.000	310	40.5	972	72.9	0.000
Yes	245	46.3	202	24.2		455	59.5	361	27.1	
Among group members, member of the following association, group, or club*	N=252		N=209			N=455		N=361		
Religious	203	80.6	163	78.0	N/A	358	78.5	276	76.5	N/A
Social	7	2.8	10	4.8		14	3.1	16	4.4	
Women's organization	60	23.8	54	25.8		144	31.6	105	29.1	
Labor union	1	0.4	0	0.0		18	3.9	21	5.8	
Political	1	0.4	0	0.0		3	0.7	6	1.7	
Other	5	2.0	0	0.0		6	1.3	6	1.7	
Among mothers of children under two										
Member of an association, group, or club.	N=1,705		N=1,745			N=2,262		N=3,055		
No	787	46.2	1,264	72.4	0.000	779	34.4	1,982	64.9	0.000
Yes	918	53.8	481	27.6		1,483	65.6	1,073	35.1	

	Baseline					Endline				
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)
	n	%	n	n		n	%	n	%	
Among group members, member of the following association, group, or club*	N=927		N=494			N=1,483		N=1,073		
Religious	737	79.5	388	78.5	N/A	1,144	77.1	803	74.8	N/A
Social	40	4.3	13	2.6		56	3.8	44	4.1	
Women's organization	216	23.3	124	25.1		439	29.6	315	29.4	
Labor union	6	0.6	2	0.4		53	3.6	44	4.1	
Political	16	1.7	0	0.0		11	0.7	10	0.9	
Other	20	2.2	2	0.4		31	2.1	11	1.0	

Child Characteristics

Table 24. Background Characteristics of Children, by Location and Time Point

	Baseline					Endline					DID (P)
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)	
	n	%	n	n		n	%	n	%		
Sex	N=1,759		N=1,781			N=2,343		N=3,126			
Male	927	52.7	913	51.3	0.382	1,186	50.6	1,631	52.2	0.279	0.167
Female	832	47.3	868	48.7		1,157	49.4	1,495	47.8		
Age	N=1,760		N=1,783			N=2,343		N=3,126			
<6	531	30.2	580	32.5	0.137	731	31.2	944	30.2	0.420	0.108
6-12	473	26.9	473	26.5	0.822	628	26.8	878	28.1	0.326	0.419
13-18	438	24.9	508	28.5	0.027	556	23.7	792	25.3	0.204	0.346
19-24	318	18.1	222	12.5	0.000	428	18.3	512	16.4	0.069	0.015
Number of months, mean (SD)	10.4 (6.6)		10.0 (6.3)		0.000	10.5 (6.7)		10.5 (6.5)		0.799	0.089
Location of delivery of children under 2	N=1,751		N=1,783			N=2,331		N=3,078			
Health facility (public or private)	454	25.9	167	9.4	0.001	642	27.5	394	12.8	0.487	0.090
Public	414	23.6	145	8.1	N/A	569	24.4	300	9.7	N/A	N/A

	Baseline					Endline					DID (P)
	Kajuru		Kauru		Diff (p)	Kajuru		Kauru		Diff (p)	
	n	%	n	n		n	%	n	%		
health facility											
Private health facility	40	2.3	22	1.2	N/A	73	3.1	94	3.1	N/A	N/A
Home	1,273	72.7	1,584	88.8	0.000	1,677	71.9	2,679	87.0	0.000	0.399
Other	24	1.4	32	1.8	N/A	12	0.5	5	0.2	N/A	N/A
Delivered by C-section	N=1,596		N=1,706			N=2,331		N=3,078			
No	1,557	97.6	1,690	99.1	0.002	2,237	96.0	2,941	95.5	0.523	N/A
Yes	39	2.4	16	0.9		94	4.0	137	4.5		
Size at birth	N=1,754		N=1,772			N=2,343		N=3,126			
Very large	312	17.8	230	13.0	N/A	397	16.9	478	15.3	N/A	N/A
Larger than average	568	32.4	426	24.0		390	16.6	619	19.8		
Average	549	31.3	772	43.6		1,159	49.5	1,450	46.4		
Smaller than average	180	10.3	225	12.7		277	11.8	422	13.5		
Very small	107	6.1	96	5.4		113	4.8	156	5.0		
Don't know	38	2.2	23	1.3		7	0.3	1	0.0		
Very small + smaller than average	287	16.4	321	18.1	0.373	390	16.6	578	18.5	0.523	0.940

Exposure to Nutrition Support and the C-IYCF Counselling Program

Table 25. Respondents' Experience Speaking with any Health Worker or Volunteer about Breastfeeding or How to Feed Children, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among all mothers/caregivers and pregnant women											
Has ever spoken with any health worker or volunteer about breastfeeding or how to feed children	N=2,168		N=3,021			N=2,519		N=4,310			
No	1,430	66.0	1,214	40.2	0.000	1,871	74.3	2,365	54.3	0.000	0.222
Yes	738	34.0	1,807	59.8		648	25.7	1,993	45.7		
Among those who have ever spoken with a health worker or volunteer about breastfeeding or how to feed children, occasions when this happened	N=714*		N=1,807			N=637*		N=1,993			
At a health facility	723	99.0	1,571	87.8	0.000	636	98.6	1,560	78.3	0.000	0.625
During a support group meeting	63	8.8	782	43.3	0.000	24	3.8	425	21.3	0.000	0.687
During a community event or meeting	78	10.9	817	45.2	0.000	38	5.9	444	22.3	0.000	0.180
During a home visit	181	25.4	759	42.0	0.000	172	27.0	506	25.4	0.649	0.000
At work †	N/A	N/A	577	31.9	N/A	N/A	N/A	340	17.1	N/A	N/A
At church †			901	49.9				415	20.8		
Among pregnant women											
Has ever spoken with any health worker or volunteer about breastfeeding or how to feed children	N=519		N=765			N=835		N=1,333			
No	377	72.6	363	47.5	0.000	621	74.4	769	57.7	0.000	0.107
Yes	142	27.4	402	52.5		214	25.6	564	42.3		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among those who have ever spoken with a health worker or volunteer about breastfeeding or how to feed children, occasions when this happened	N=138**		N=402			N=214**		N=564			
At a health facility	135	97.8	330	82.1	0.000	213	99.5	428	75.9	0.000	0.101
During a support group meeting	14	10.1	172	42.8	0.000	7	3.3	115	20.4	0.000	0.834
During a community event or meeting	17	12.1	192	47.8	0.000	8	3.8	115	20.4	0.000	0.970
During a home visit	49	35.3	172	42.8	0.167	62	29.7	137	24.3	0.282	0.084
At work †	N/A	N/A	118	29.4	N/A	N/A	N/A	97	17.2	N/A	N/A
At church †			207	51.5				121	21.5		
Among mothers of children under two											
Has ever spoken with any health worker or volunteer about breastfeeding or how to feed children	N=1,707		N=2,262			N=1,749		N=3,055			
No	1,091	63.9	844	37.3	0.000	1,297	74.2	1,608	52.6	0.000	0.329
Yes	616	36.1	1,418	62.7		452	25.8	1,447	47.4		
Among those who have ever spoken with a health worker or volunteer about breastfeeding or how to feed children, occasions when this happened	N=612***		N=1,418			N=449***		N=1,447			
At a health facility	607	99.2	1,265	89.2	0.000	441	98.2	1,150	79.5	0.000	0.963
During a support group meeting	51	8.6	611	43.1	0.000	17	3.8	316	21.8	0.000	0.695
During a community event or meeting	65	11.0	636	44.9	0.000	30	6.7	336	23.2	0.000	0.157
During a home visit	137	23.1	595	42.0	0.000	113	25.4	375	25.9	0.885	0.001
At work †	N/A	N/A	463	32.7	N/A	N/A	N/A	249	17.2	N/A	N/A
At church †			699	49.3			N/A	296	20.5		

* N for Kajuru varies between 714-730; N for Kauru varies between 637-645.

** N for Kajuru varies between 138-140; N for Kauru varies between 209-214.

*** N for Kajuru varies between 593-612; N for Kauru varies between 445-449.

† Since data were not collected on these variables at baseline, the p value presented is that produced by running a chi2 test comparing results from Kajuru and Kauru at endline.

Table 26. Respondents' Exposure to Nutrition Support, by Location (Endline Survey)

	Endline				
	Kajuru		Kauru		Diff (p)
	n	%	n	%	
Among all mothers/caregivers and pregnant women					
Among those who have ever spoken with a health worker or volunteer about breastfeeding or how to feed children, persons with whom she has spoken	N=1,789		N=1,976		
A NGO representative (such as UNICEF or Save the Children)	551	30.8	420	21.3	N/A
A state government official	389	21.7	343	17.4	
A LGA official/representative	462	25.8	326	16.5	
A health worker	1,387	77.5	1,391	70.4	
A ward development committee member	633	35.4	393	19.9	
A community leader	574	32.1	360	18.2	
A religious leader	679	38.0	378	19.1	
A community volunteer	870	48.6	534	27.0	
A colleague or co-worker	677	37.8	423	21.4	
A family member	1,203	67.2	1,148	58.1	
A friend	997	55.7	857	43.4	
Anyone else	551	30.8	404	20.4	
Among those who have ever spoken with a health worker or volunteer about breastfeeding or how to feed children, occasions when this happened	N=1,789		N=1,976		
During an ANC visit	1,431	80.0	1,370	69.3	N/A
After delivery	1,095	61.2	957	48.4	
During a post-partum visit	943	52.7	790	40.0	
During child growth monitoring or a well-child visit	839	46.9	660	33.4	
During an immunization day or a vitamin A supplementation day	1,040	58.1	966	48.9	
During a sick child visit	927	51.8	750	38.0	
During a family planning visit	705	39.4	461	23.3	

Table 27. Respondents' C-IYCF Program Exposure, by Type of Respondent, Location, and Time Point

Respondent has seen the C-IYCF counselling cards	Kajuru					Kauru					DID (p)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among all mothers/caregivers and pregnant women	N=2,145		N=3,021			N=2,503		N=4,358			
No	1,037	48.3	926	30.7	0.000	1,271	50.8	2,523	57.9	0.003	0.000
Yes	1,108	51.7	2,095	69.3		1,232	49.2	1,835	42.1		
Among pregnant women	N=512		N=765			N=831		N=1,333			
No	263	51.4	286	37.4	0.000	440	52.9	800	60.0	0.011	0.000
Yes	249	48.6	479	62.6		391	47.1	533	40.0		
Among mothers of children under two	N=1,691		N=2,262			N=1,736		N=3,055			
No	799	47.3	637	28.2	0.000	858	49.4	1,735	56.8	0.006	0.000
Yes	892	52.7	1,625	71.8		878	50.6	1,320	43.2		

* Percentages total more than 100 because multiple responses were allowed.

Table 28. Respondents' C-IYCF Program Exposure, by Type of Respondent, at Endline in Kajuru LGA

	n	%
Among all mothers/caregivers and pregnant women		
Respondent saw the C-IYCF cards being used...	N=3,021*	
During any type of health facility visit	1,941	64.3
During an antenatal care visit	1,856	61.4
After delivery	1,416	46.9
During a postpartum visit	1,261	41.7
During a well child / growth monitoring visit	1,115	36.9
During a sick child visit	1,209	40.0
During a family planning visit	899	29.8
During some other facility visit	1,029	34.1
At work	295	9.8
At church	975	32.3
During an immunization day	1,361	45.1
During a community event	493	16.3

	n	%
During a community meeting	823	27.2
During a support group meeting	872	29.2
During a home visit	546	18.3
At some other location	438	14.5
Number of types of health facility visits when respondent saw the C-IYCF cards being used (max = 7, excludes immunization days).	N=3,021	
None**	1,080	35.7
1	323	10.7
2	218	7.2
3	192	6.4
4	159	5.3
5	171	5.7
6	187	6.2
7	691	22.9
Number of types of events or locations where respondent saw the C-IYCF cards being used (max = 15).	N=3,021	
None**	930	30.8
1	214	7.1
2	197	6.5
3	178	5.9
4	153	5.1
5	132	4.4
6	136	4.5
7	149	4.9
8	178	5.9
9	123	4.1
10	110	3.6
11	116	3.8
12	116	3.8
13	102	3.4
14	97	3.2
15	90	3.0

	n	%
Number of support group meetings attended where the C-IYCF images were used.	N=3,021	
0***	2,161	71.5
1	86	2.8
2	189	6.3
3	151	5.0
4	97	3.2
5	107	3.5
6	38	1.3
7	17	0.6
8	42	1.4
≥9	126	4.2
Don't know	7	0.2
Among pregnant women		
Respondent saw the C-IYCF cards being used...	N=765*	
During any type of health facility visit	432	56.5
During an antenatal care visit	410	53.6
After delivery	229	29.9
During a postpartum visit	210	27.5
During a well child / growth monitoring visit	212	27.7
During a sick child visit	239	31.2
During a family planning visit	192	25.1
During some other facility visit	232	30.3
At work	70	9.2
At church	232	30.3
During an immunization day	249	32.5
During a community event	116	15.2
During a community meeting	192	25.1
During a support group meeting	198	25.9
During a home visit	131	17.1
At some other location	99	12.9
Number of types of health facility visits when respondent saw the C-IYCF cards being used (max = 7, excludes immunization days).	N=765	
None**	333	43.5

	n	%
1	120	15.7
2	55	7.2
3	32	4.2
4	29	3.8
5	28	3.7
6	34	4.4
7	134	17.5
Number of types of events or locations where respondent saw the C-IYCF cards being used (max = 15).		N=765
None**	288	37.6
1	70	9.2
2	58	7.6
3	50	6.5
4	34	4.4
5	23	3.0
6	27	3.5
7	26	3.4
8	38	5.0
9	27	3.5
10	22	2.9
11	22	2.9
12	24	3.1
13	19	2.5
14	19	2.5
15	18	2.4
Number of support group meetings attended where the C-IYCF images were used.		N=765
0***	574	75.0
1	24	3.1
2	48	6.3
3	31	4.1
4	18	2.4
5	25	3.3
6	11	1.4

	n	%
7	3	0.4
8	10	1.3
≥9	21	2.7
Don't know	0	0.0
Among mothers of children under two		
Respondent saw the C-IYCF cards being used...	N=2,262*	
During any type of health facility visit	1,514	66.9
During an antenatal care visit	1,452	64.2
After delivery	1,197	52.9
During a postpartum visit	1,059	46.8
During a well child / growth monitoring visit	910	40.2
During a sick child visit	981	43.4
During a family planning visit	719	31.8
During some other facility visit	806	35.6
At work	228	10.1
At church	752	33.2
During an immunization day	1,122	49.6
During a community event	387	17.1
During a community meeting	639	28.2
During a support group meeting	688	29.4
During a home visit	426	18.8
At some other location	345	15.3
Number of types of health facility visits when respondent saw the C-IYCF cards being used (max = 7, excludes immunization days).	N=2,262	
None**	748	33.1
1	199	8.8
2	163	7.2
3	161	7.1
4	128	5.7
5	140	6.2
6	157	6.9
7	566	25.0

	n	%
Number of types of events or locations where respondent saw the C-IYCF cards being used (max = 15).	N=2,262	
None**	639	28.2
1	146	6.5
2	136	6.0
3	128	5.7
4	118	5.2
5	109	4.8
6	112	5.0
7	123	5.4
8	142	6.3
9	94	4.2
10	87	3.8
11	96	4.2
12	94	4.2
13	84	3.7
14	79	3.5
15	75	3.3
Number of support group meetings attended where the C-IYCF images were used.	N=2,262	
0***	1,591	70.3
1	61	2.7
2	138	6.1
3	122	5.4
4	81	3.6
5	82	3.6
6	25	1.1
7	14	0.6
8	34	1.5
≥9	107	4.7
Don't know	7	0.3

* The N includes responses of "no or don't know/remember" for each location/event as well as those who did not ever or did not know/recall seeing C-IYCF cards be used. The sum of events does not total to 100 since multiple responses were possible.

** "None" includes those who reported not seeing or not remembering seeing C-IYCF cards and/or did not mention seeing them during any health facility visit (antenatal, delivery, postpartum, well child / growth monitoring, sick child, family planning, or other facility visit) or any event or location, depending on the variable.

*** Zero support group meetings includes those who reported not seeing or not remembering seeing C-IYCF cards at all or did not mention seeing them during a support group meeting.

Table 29. Respondents' Description of C-IYCF Support Group Meetings in Kajuru LGA at Endline

	n	%
Among all mothers/caregivers and pregnant women		
Where the support groups were usually held	N=879	
Health facility	687	78.2
Community	714	81.2
Village/WDC chief's home	649	73.8
Someone else's home	649	73.8
Respondent's home	311	35.4
Somewhere else	468	53.2
Person(s) who usually led the support group meeting(s)	N=879	
Community volunteer	764	86.9
Health worker	735	83.6
Someone else	433	49.3

Table 30. Respondent's Description of C-IYCF Home Visits in Kajuru LGA at Endline

	n	%
Among all mothers/caregivers and pregnant women		
Person(s) who usually led the home visit(s)	N=495	
Community volunteer	414	83.6
Health worker	380	76.8
Someone else	215	43.4

Table 31. Respondent’s Perceptions of the C-IYCF Program Activities in Kajuru LGA, by Type of Respondent, at Endline

	n	%
Among all mothers/caregivers and pregnant women		
How useful were these community events for you to learn about maternal, infant, and young child nutrition?	N=479	
Very useless	0	0.0
Somewhat useless	1	0.2
Somewhat useful	242	50.5
Very useful	235	49.1
Don't know	1	0.2
How useful were these support groups for you to learn about maternal, infant, and young child nutrition?	N=848	
Very useless	1	0.1
Somewhat useless	8	0.9
Somewhat useful	465	54.8
Very useful	372	43.9
Don't know	2	0.2
What did you like most about these support groups?	N=848	
Learned new information	659	77.7
Met other women	204	24.1
Received better care for you and your baby	624	73.6
Received support for adopting new practices	417	49.2
Discussed challenges	286	33.7
Liked something else	24	2.8
None of the above	3	0.4
What did you dislike or like least about these support groups?	N=848	
Time of support group	132	15.6
Day of support group	90	10.6
Too far away	59	7.0
Dangerous location	11	1.3
Too many people	44	5.2
Felt criticized	21	2.5
Disliked something else	31	3.7
None of the above	614	72.4

	n	%
How useful were these home visits for you to learn about maternal, infant, and young child nutrition?	N=478	
Very useless	3	0.6
Somewhat useless	3	0.6
Somewhat useful	239	50
Very useful	231	48.3
Don't know	2	0.4
What did you like most about these home visits?	N=478	
Learned new information	385	80.5
Met other women	113	23.6
Received better care for you and your baby	313	65.5
Received support for adopting new practices	235	49.2
Discussed challenges	135	28.2
Liked something else	17	3.6
None of the above	2	0.4
What did you dislike or like least about these home visits?	N=478	
Time of home visit	100	20.9
Day of home visit	65	13.6
Felt criticized	23	4.8
Not useful/waste of time	4	0.8
Disliked something else	12	2.5
None of the above	341	71.3
Among pregnant women		
How useful were these community events for you to learn about maternal, infant, and young child nutrition?	N=112	
Very useless	0	0.0
Somewhat useless	0	0.0
Somewhat useful	59	52.7
Very useful	53	47.3
Don't know	0	0.0
How useful were these support groups for you to learn about maternal, infant, and young child nutrition?	N=191	
Very useless	0	0.0
Somewhat useless	0	0.0
Somewhat useful	116	60.7

	n	%
Very useful	75	39.3
Don't know	0	0.0
What did you like most about these support groups?	N=191	
Learned new information	146	76.4
Met other women	49	25.7
Received better care for you and your baby	139	72.8
Received support for adopting new practices	95	49.7
Discussed challenges	58	30.4
Liked something else	7	3.7
None of the above	0	0.0
What did you dislike or like least about these support groups?	N=191	
Time of support group	32	16.8
Day of support group	20	10.5
Too far away	13	6.8
Dangerous location	2	1.0
Too many people	11	5.8
Felt criticized	5	2.6
Disliked something else	7	3.7
None of the above	134	70.2
How useful were these home visits for you to learn about maternal, infant, and young child nutrition?	N=117	
Very useless	0	0.0
Somewhat useless	1	0.9
Somewhat useful	67	57.3
Very useful	48	41.0
Don't know	1	0.9
What did you like most about these home visits?	N=117	
Learned new information	91	77.8
Met other women	24	20.5
Received better care for you and your baby	84	71.8
Received support for adopting new practices	57	48.7
Discussed challenges	32	27.4
Liked something else	3	2.6
None of the above	0	0.0

	n	%
What did you dislike or like least about these home visits?	N=117	
Time of home visit	19	16.2
Day of home visit	16	13.7
Felt criticized	5	4.3
Not useful/waste of time	0	0.0
Disliked something else	2	1.7
None of the above	85	72.6
Among mothers of children under two		
How useful were these community events for you to learn about maternal, infant, and young child nutrition?	N=378	
Very useless	0	0.0
Somewhat useless	1	0.3
Somewhat useful	188	49.7
Very useful	188	49.7
Don't know	1	0.3
How useful were these support groups for you to learn about maternal, infant, and young child nutrition?	N=671	
Very useless	1	0.1
Somewhat useless	8	1.2
Somewhat useful	355	52.9
Very useful	305	45.5
Don't know	2	0.3
What did you like most about these support groups?	N=671	
Learned new information	524	78.1
Met other women	160	23.8
Received better care for you and your baby	495	73.8
Received support for adopting new practices	329	49.0
Discussed challenges	233	34.7
Liked something else	18	2.7
None of the above	3	0.4
What did you dislike or like least about these support groups?	N=671	
Time of support group	101	15.1
Day of support group	70	10.4
Too far away	48	7.2

	n	%
Dangerous location	9	1.3
Too many people	34	5.1
Felt criticized	16	2.4
Disliked something else	24	3.6
None of the above	492	73.3
How useful were these home visits for you to learn about maternal, infant, and young child nutrition?	N=371	
Very useless	3	0.8
Somewhat useless	2	0.5
Somewhat useful	176	47.4
Very useful	189	50.9
Don't know	1	0.3
What did you like most about these home visits?	N=371	
Learned new information	303	81.7
Met other women	92	24.8
Received better care for you and your baby	238	64.2
Received support for adopting new practices	186	50.1
Discussed challenges	108	29.1
Liked something else	15	4.0
None of the above	2	0.5
What did you dislike or like least about these home visits?	N=371	
Time of home visit	82	22.1
Day of home visit	50	13.5
Felt criticized	18	4.9
Not useful/waste of time	4	1.1
Disliked something else	10	2.7
None of the above	265	71.4

Table 32. Respondent's Recall of IYCF Messages in Kajuru LGA at Endline

	n	%
Among all mothers/caregivers and pregnant women		
Did you learn about these topics?	N=2,125	
Nutrition for pregnant and breastfeeding women	1,923	90.5
Importance of early initiation of breastfeeding	1,911	89.9

	n	%
Exclusive breastfeeding	1,969	92.7
Breastfeeding frequency	1,783	83.9
Breastfeeding positions	1,806	85.0
Breastfeeding problems	1,676	78.9
Expressing breastmilk	1,612	75.9
Good hygiene practices	1,958	92.1
Complementary feeding	1,835	86.4
Food variety	1,770	83.3
Micronutrient supplements	1,588	74.7
Feeding sick children	1,722	81.0
Kitchen gardens and fruit trees	1,478	69.6
Small animal breeding	1,143	53.8

Table 33. Respondent's Diffusion of Information Shared by C-IYCF Program Activities in Kajuru LGA at Endline

	n	%
Among all mothers/caregivers and pregnant women		
Did you share information learned during the support group about breastfeeding or infant feeding with someone else?	N=2,082	
Yes	591	28.4
No	1,299	62.4
Don't know	192	9.2
With whom did you share?	N=1,291	
Husband	840	65.1
Mother	165	12.8
Mother-in-law	170	13.2
Sister	362	28.0
Sister-in-law	153	11.9
Friend	863	66.8

Knowledge, Attitudes, and Practices: Maternal Nutrition

Table 34. Respondent's Maternal Nutrition Knowledge, Attitudes, and Practices, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	%		n	%	n	%		
Among pregnant women											
During pregnancy should a woman eat the same amount as before she became pregnant, less than before, or more than before?	N=528		N=765			N=835		N=1,333			
Same as before becoming pregnant	97	18.4	125	16.3	N/A	190	22.8	347	26.0	N/A	N/A
Less than before becoming pregnant	145	27.5	61	8.0		233	27.9	185	13.9		
More than before becoming pregnant	271	51.3	578	75.6	0.000	372	44.6	791	59.3	0.000	0.015
Don't Know	15	2.8	1	0.1	N/A	40	4.8	10	0.8	N/A	N/A
How strongly do you agree or disagree that eating more during pregnancy is important for the health of the mother and/or child?	N=524		N=765			N=837		N=1,333			
Strongly disagree	15	2.9	3	0.4	N/A	7	0.8	10	0.8	N/A	N/A
Disagree	48	9.2	27	3.5		91	10.9	52	3.9		
Agree	277	52.9	251	32.8		468	55.9	546	41.0		
Strongly agree	180	34.4	479	62.6	0.000	259	30.9	721	54.1	0.000	0.360
Don't know	4	0.8	5	0.7	N/A	12	1.4	4	0.3	N/A	N/A
Agree + strongly agree	457	87.2	730	95.4	0.000	727	86.9	1,267	95.0	0.000	0.870
Changes in amount of food eaten during last pregnancy compared to before last pregnancy	N=60		N=41			N=63		N=84			
Same as before	10	16.7	6	14.6	N/A	13	20.6	16	19.0	N/A	N/A
Less than before	32	53.3	15	36.6		29	46.0	34	40.5		
More than before	15	25.0	20	48.8		19	30.2	34	40.5		
Don't know	3	5.0	0	0.0		2	3.2	0	0.0		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	%		n	%	n	%		
Proportion who reported eating more during their last pregnancy than before becoming pregnant*	N=57		N=41			N=61		N=84			
No	42	73.7	21	51.2	0.042	42	68.9	50	59.5	0.236	0.330
Yes	15	26.3	20	48.8		19	31.1	34	40.5		
Changes in amount of food eaten during pregnancy compared to before pregnancy	N=516		N=765			N=816		N=1,331			
Same as before	91	17.6	125	16.3	N/A	170	20.8	282	21.2	N/A	N/A
Less than before	238	46.1	261	34.1		377	46.2	572	42.9		
More than before	186	36	379	49.5		265	32.5	477	35.8		
Don't know	1	0.2	0	0		4	0.5	2	0.2		
Proportion who reported eating more during current pregnancy than before becoming pregnant	N=515		N=765			N=812		N=1,331			
No	329	63.9	386	50.5	0.000	547	67.4	854	64.2	0.200	0.015
Yes	186	36.1	379	49.5		265	32.6	477	35.8		
Among mothers of children under two											
During pregnancy should a woman eat the same amount as before she became pregnant, less than before, or more than before?	N=1,702		N=2,262			N=1,744		N=3,388			
Same as before becoming pregnant	287	16.9	400	17.7	N/A	392	22.5	802	26.3	N/A	N/A
Less than before becoming pregnant	419	24.6	182	8.0		479	27.5	472	15.5		
More than before becoming pregnant	972	57.1	1,679	74.2	0.000	842	48.3	1,771	58.0	0.000	0.012
Don't Know	24	1.4	1	0.0	N/A	31	1.8	10	0.3	N/A	N/A

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	%		n	%	n	%		
How strongly do you agree or disagree that eating more during pregnancy is important for the health of mothers and/or children?	N=1,698		N=2,262			N=1,738		N=3,055			
Strongly disagree	44	2.6	21	0.9	N/A	21	1.2	19	0.6	N/A	N/A
Disagree	140	8.2	82	3.6		95	5.5	106	3.5		
Agree	912	53.7	740	32.7		1,129	65.0	1,312	42.9		
Strongly agree	586	34.5	1,418	62.7	0.000	487	28.0	1,614	52.8	0.000	0.530
Don't know	16	0.9	1	0.0	N/A	6	0.3	4	0.1	N/A	N/A
Agree + strongly agree	1,498	88.2	2,158	95.4	0.000	1,616	93.0	2,926	95.8	0.000	0.035
Changes in amount of food eaten during last pregnancy compared to before last pregnancy	N=1,696		N=2,254			N=1,741		N=3,010			
Same as before	278	16.4	309	13.7	N/A	383	22.0	618	20.5	N/A	N/A
Less than before	793	46.8	759	33.7		809	46.5	1,261	41.9		
More than before	607	35.8	1,186	52.6		536	30.8	1,130	37.5		
Don't know	18	1.1	0	0.0		13	0.7	1	0.0		
Proportion who reported eating more during their last pregnancy than before becoming pregnant*	N=1,678		N=2,254			N=1,728		N=3,009			
No	1,071	63.8	1,068	47.4	0.000	1,192	69.0	1,879	62.4	0.000	0.327
Yes	607	36.2	1,186	52.6		536	31.0	1,130	37.6		

* The N's exclude those who responded "don't know" to the original question.

Table 35. Respondent's Intake of Iron Supplements during Pregnancy with Youngest Child, by Location and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among mothers of children under two											
Purchased or received* any iron supplement (iron tablets, IFA tablets or Iron syrup) during pregnancy	N=1,675		N=2,242			N=1,733		N=3,006			
No	260	15.5	226	10.1	0.000	535	30.9	720	24.0	0.000	0.338
Yes	1,415	84.5	2,016	89.9		1,198	69.1	2,286	76.0		
Purchased or received* multiple micronutrients	N=1,485		N=2,233			N=1,666		N=3,004			
No	860	57.9	1,311	58.7	0.744	1,400	84.0	2,296	76.4	0.001	0.004
Yes	625	42.1	922	41.3		266	16.0	708	23.6		
Took any amount of any amount of iron supplement during pregnancy with youngest child †	N/A		N=2,165			N/A		N=2,993			
No	--	--	224	10.3	N/A	--	--	721	24.1	0.000	N/A
Yes	--	--	1,941	89.7		--	--	2,272	75.9		

* Those who received supplements did not necessarily take them.

† Since data were not collected on these variables at baseline, the p value presented is that produced by running a chi2 test comparing results from Kajuru and Kauru at endline.

Knowledge, Attitudes, and Practices: Breastfeeding Initiation

Table 36. Knowledge, Attitudes, and Confidence about Early Initiation of Breastfeeding, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		p value	Baseline		Endline		p value	
	n	%	n	n		n	%	n	%		
Among pregnant women											
How soon after birth should a mother start breastfeeding her baby?	N=527		N=765			N=836		N=1,333			
Immediately	294	55.8	521	68.1	0.001	314	37.6	491	36.8	0.801	0.006

	Kajuru					Kauru					DID (P)
	Baseline		Endline		p value	Baseline		Endline		p value	
	n	%	n	n		n	%	n	%		
1 or more hours after	201	38.1	214	28.0	N/A	339	40.6	515	38.6	N/A	N/A
1 or more days after	14	2.7	16	2.1		131	15.7	290	21.8		
Never	2	0.4	1	0.1		9	1.1	1	0.1		
Don't know	16	3.0	13	1.7		43	5.1	36	2.7		
How strongly do you agree or disagree that starting breastfeeding immediately after birth is important for the health of mothers and/or children?	N=523		N=765			N=837		N=1,333			
Strongly disagree	19	3.6	4	0.5	N/A	15	1.8	106	8.0	N/A	N/A
Disagree	67	12.8	92	12.0		135	16.1	276	20.7		
Agree	242	46.3	209	27.3		411	49.1	468	35.1		
Strongly agree	174	33.3	454	59.3	0.000	234	28.0	462	34.7	0.023	0.000
Don't know	21	4.0	6	0.8	N/A	42	5.0	21	1.6	N/A	N/A
Agree + strongly agree	416	79.5	663	86.7	0.005	645	77.1	930	69.8	0.031	0.000
Level of confidence that they will be able to breastfeed for the first time within one hour of giving birth	N=514		N=765			N=817		N=1,333			
Very uncertain	252	49.0	19	2.5	N/A	262	32.1	75	5.6	N/A	N/A
Uncertain	201	39.1	116	15.2		333	40.8	287	21.5		
Confident	54	10.5	240	31.4		186	22.8	475	35.6		
Very confident	7	1.4	382	49.9	0.000	36	4.4	484	36.3	0.000	0.000
Don't know	0	0.0	8	1.0	N/A	0	0.0	12	0.9	N/A	N/A

	Kajuru					Kauru					DID (P)
	Baseline		Endline		p value	Baseline		Endline		p value	
	n	%	n	n		n	%	n	%		
Among mothers of children under two											
How soon after birth should a mother start breastfeeding her baby?	N=1,699		N=2,262			N=1,747		N=3,055			
Immediately	953	56.1	1,607	71.0	0.000	607	34.7	1,096	35.9	0.625	0.000
1 or more hours after	644	37.9	601	26.6	N/A	720	41.2	1,232	40.3	N/A	N/A
1 or more days after	68	4.0	44	1.9		357	20.4	698	22.8		
Never	5	0.3	1	0.0		2	0.1	1	0.0		
Don't know	29	1.7	9	0.4		61	3.5	28	0.9		
How strongly do you agree or disagree that starting breastfeeding immediately after birth is important for the health of mothers and/or children?	N=1,694		N=2,262			N=1,735		N=3,055			
Strongly disagree	58	3.4	18	0.8	N/A	27	1.6	249	8.2	N/A	N/A
Disagree	169	10.0	219	9.7		317	18.3	615	20.1		
Agree	834	49.2	698	30.9		932	53.7	1,094	35.8		
Strongly agree	598	35.3	1,322	58.4	0.000	430	24.8	1,072	35.1	0.000	0.003
Don't know	35	2.1	5	0.2	N/A	29	1.7	25	0.8	N/A	N/A
Agree + strongly agree	1,432	84.5	2,020	89.3	0.002	1,362	78.5	2,166	70.9	0.008	0.000

Table 37. Early Initiation of Breastfeeding and Ever Breastfeeding among Women with One or More Child Under 2 Years of Age, by Location and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Children who were put to the breast within one hour of birth											
Among children age 0-11 months	N=943		N=1,305			N=1,005		N=1,729			
No	376	39.9	365	28.0	0.000	723	71.9	1,210	70.0	0.423	0.011
Yes	567	60.1	940	72.0		282	28.1	519	30.0		
Among children age 12-23 months	N=679		N=944			N=695		N=1,222			
No	264	38.9	248	26.3	0.000	476	68.5	881	72.1	0.196	0.000
Yes	415	61.1	696	73.7		219	31.5	341	27.9		
Among children 0-23 months	N=1,622		N=2,249			N=1,700		N=2,951			
No	640	39.5	613	27.3	0.000	1,199	70.5	2,091	70.9	0.880	0.000
Yes	982	60.5	1,636	72.7		501	29.5	860	29.1		
Children who were put to the breast within three days of birth											
Among children age 0-11 months	N=970		N=1,348			N=1,032		N=1,776			
No	11	1.1	43	3.2	0.001	19	1.8	47	2.6	0.214	0.000
Yes	959	98.9	1,305	96.8		1,013	98.2	1,729	97.4		
Among children age 12-23 months	N=703		N=971			N=712		N=1,260			
No	10	1.4	27	2.8	0.108	11	1.5	38	3.0	0.085	0.002
Yes	693	98.6	944	97.2		701	98.5	1,222	97.0		
Among children age 0-23 months	N=1,673		N=2,319			N=1,744		N=3,036			
No	21	1.3	70	3.0	0.001	30	1.7	85	2.8	0.045	0.000
Yes	1,652	98.7	2,249	97.0		1,714	98.3	2,951	97.2		
Children who have ever been breastfed											
Among children age 0-11 months	N=1,003		N=1,362			N=1,050		N=1,828			

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
No	4	0.4	14	1.0	0.085	11	1.0	52	2.8	0.002	0.923
Yes	999	99.6	1,348	99.0		1,039	99.0	1,776	97.2		
Among children age 12-23 months	N=746		N=981			N=724		N=1,298			
No	16	2.1	10	1.0	0.049	8	1.1	38	2.9	0.010	0.002
Yes	730	97.9	971	99.0		716	98.9	1,260	97.1		
Among children age 0-23 months	N=1,749		N=2,343			N=1,774		N=3,126			
No	20	1.1	24	1.0	0.726	19	1.1	90	2.9	0.000	0.000
Yes	1,729	98.9	2,319	99.0		1,755	98.9	3,036	97.1		

Table 38. Feeding in the First Three Days of Birth among Children Under 2 Years of Age, by Location and Time Point

	Kajuru					Kauru					DID (p)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Child given anything other than breastmilk in the first three days after birth	N=1,745		N=2,343			N=1,774		N=3,126			
No	801	45.9	1,490	63.6	0.000	691	39.0	1,321	42.3	0.152	0.000
Yes	944	54.1	853	36.4		1,083	61.0	1,805	57.7		
Among those given anything in the first three days after birth, items given*	N=517		N=572			N=724		N=937			
Yes	271	51.3	194	26.5	0.000	315	54.3	457	48.4	0.037	0.000
Child given gripe water in the first three days after birth*	N=517		N=572			N=724		N=937			
Yes	115	21.9	112	15.3	0.004	100	17.3	197	20.9	0.153	0.000
Child given honey in the first three days after birth*	N=517		N=572			N=724		N=937			
Yes	16	3.0	21	2.9	0.889	16	2.8	44	4.7	0.122	0.047

	Kajuru					Kauru					DID (p)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Child given sugar water in the first three days after birth*	N=517		N=572			N=724		N=937			
Yes	9	1.7	12	1.6	0.927	6	1.0	28	3.0	0.019	0.012
Child given infant formula in the first three days after birth*	N=517		N=572			N=724		N=937			
Yes	9	1.7	12	1.6	0.927	6	1.0	28	3.0	0.019	0.012

* The Ns vary slightly for each item since "don't know" responses were dropped from the analysis.

Knowledge, Attitudes, and Practices: Exclusive Breastfeeding

Table 39. Knowledge about Exclusive Breastfeeding, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	%		n	%	n	%		
Among pregnant women											
For how long should children be exclusively breastfed? (months)	N=527		N=765			N=837		N=1,333			
≤ 3 months	116	22.0	97	12.7	N/A	211	25.2	220	16.5	N/A	N/A
4 months	42	8.0	11	1.4		50	6.0	48	3.6		
5 months	18	3.4	15	2.0		40	4.8	33	2.5		
6 months	268	50.9	592	77.4	0.000	431	51.5	838	62.9	0.000	0.000
7 months	6	1.1	5	0.7	0.252	7	0.8	52	3.9	0.000	0.002
8 months	3	0.6	2	0.3		2	0.2	8	0.6		
9 months	1	0.2	1	0.1	N/A	0	0.0	2	0.2	N/A	N/A
≥ 10 months	11	2.1	20	2.6		2	0.2	27	2.0		
Don't know	62	11.8	22	2.9		94	11.2	105	7.9		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	%		n	%	n	%		
When do you think a breastfed baby first start to receive liquids (including water)?	N=528		N=750			N=836		N=1,243			
≤ 3 months	135	25.6	82	10.9	N/A	228	27.3	175	14.1	N/A	N/A
4 months	32	6.1	20	2.7		86	10.3	39	3.1		
5 months	24	4.5	12	1.6		68	8.1	51	4.1		
6 months	229	43.4	506	67.5	0.000	332	39.7	751	60.4	0.000	0.410
7 months	41	7.8	101	13.5	0.161	66	7.9	149	12.0	0.007	0.377
8 months	21	4.0	8	1.1		16	1.9	34	2.7		
9 months	5	0.9	5	0.7	N/A	1	0.1	6	0.5	N/A	N/A
≥ 10 months	7	1.3	5	0.7		0	0.0	11	0.9		
Don't know	34	6.4	11	1.5		39	4.7	27	2.2		
Respondents knew that breastfed children under 6 months of age do not need additional water if the weather is hot.	N=523		N=765			N=838		N=1,333			
No	405	77.4	179	23.4	0.000	624	74.5	577	43.3	0.000	0.000
Yes	118	22.6	586	76.6		214	25.5	756	56.7		
Respondents knew that breastfed children under 6 months of age should NOT be given any of the aforementioned liquids	N=521		N=765			N=833		N=1,333			
No	437	83.9	333	43.5	0.000	718	86.2	834	62.6	0.000	0.007
Yes	84	16.1	432	56.5		115	13.8	499	37.4		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	%		n	%	n	%		
Respondents believe babies should be exclusively breastfed for 6 months, believes that they should not be given liquids until 6 months, and do NOT think they should be given any liquids even if hot	N=527		N=765			N=837		N=1,333			
No	483	91.7	450	58.8	0.000	759	90.7	962	72.2	0.000	0.006
Yes	44	8.3	315	41.2		78	9.3	371	27.8		
How strongly do you agree or disagree that breastfeeding exclusively for six months is important for the health of mothers and/or children?	N=523		N=765			N=937		N=1,333			
Strongly disagree	32	6.1	21	2.7	N/A	43	5.1	58	4.4	N/A	N/A
Disagree	99	18.9	65	8.5		262	31.3	186	14.0		
Agree	227	43.4	214	28.0		273	32.6	485	36.4		
Strongly agree	124	23.7	456	59.6	0.000	178	21.3	570	42.8	0.000	0.012
Don't know	41	7.8	9	1.2	N/A	81	9.7	34	2.6	N/A	N/A
Agree + strongly agree	351	67.1	670	87.6	0.000	451	53.9	1,055	79.1	0.000	0.784
Among mothers of children under two											
For how long should children be exclusively breastfed? (months)	N=1,699		N=2,262			N=1,747		N=3,055			
≤ 3 months	335	19.7	184	8.1	N/A	561	32.1	486	15.9	N/A	N/A
4 months	136	8.0	28	1.2		76	4.4	110	3.6		
5 months	70	4.1	35	1.5		84	4.8	110	3.6		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	%		n	%	n	%		
6 months	896	52.7	1,887	83.4	0.000	850	48.7	2,053	67.2	0.000	0.000
7 months	33	1.9	20	0.9	0.000	18	1.0	97	3.2	0.000	0.000
8 months	10	0.6	2	0.1		4	0.2	12	0.4		
9 months	4	0.2	4	0.2	N/A	0	0.0	3	0.1	N/A	N/A
≥ 10 months	72	4.2	66	2.9		7	0.4	37	1.2		
Don't know	143	8.4	36	1.6		147	8.4	147	4.8		
When do you think a breastfed baby first start to receive liquids (including water)?	N=1,698		N=2,231			N=1,746		N=2,921			
≤3 months	479	28.2	187	8.4	N/A	562	32.2	407	13.9	N/A	N/A
4 months	119	7.0	44	2.0		182	10.4	96	3.3		
5 months	61	3.6	33	1.5		108	6.2	122	4.2		
6 months	743	43.8	1,645	73.7	0.000	711	40.7	1,899	65.0	0.000	0.051
7 months	149	8.8	255	11.4	0.202	122	7.0	307	10.5	0.018	0.316
8 months	45	2.7	39	1.7		31	1.8	47	1.6		
9 months	19	1.1	6	0.3	N/A	2	0.1	12	0.4	N/A	N/A
≥ 10 months	18	1.1	8	0.4		2	0.1	8	0.3		
Don't know	65	3.8	14	0.6		26	1.5	23	0.8		
Respondents knew that breastfed children under 6 months of age do not need additional water if the weather is hot.	N=1,694		N=2,262			N=1,742		N=3,055			
No	1,275	75.3	541	23.9	0.000	1,315	75.5	1,369	44.8	0.000	0.000
Yes	419	24.7	1,721	76.1		427	24.5	1,686	55.2		
Respondents knew that breastfed children under 6 months of age should NOT be given any of the aforementioned liquids*	N=1,679		N=2,262			N=1,728		N=3,055			
No	1,439	85.7	963	42.6	0.000	1,509	87.3	1,999	65.4	0.000	0.000

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	%		n	%	n	%		
Yes	240	14.3	1,299	57.4		219	12.7	1,056	34.6		
Respondents believe babies should be exclusively breastfed for 6 months, believes that they should not be given liquids until 6 months, and do NOT think they should be given any liquids even if hot	N=1,699		N=2,262			N=1,740		N=3,055			
No	1,580	93.0	1,286	56.9	0.000	1,597	91.8	2,266	74.2	0.000	0.000
Yes	119	7.0	976	43.1		143	8.2	789	25.8		
How strongly do you agree or disagree that breastfeeding exclusively for six months is important for the health of mothers and/or children?	N=1,694		N=2,262			N=1,738		N=3,055			
Strongly disagree	111	6.6	56	2.5	N/A	109	6.3	153	5.0	N/A	N/A
Disagree	317	18.7	185	8.2		609	35.0	378	12.4		
Agree	728	43.0	676	29.9		591	34.0	1,178	38.6		
Strongly agree	469	27.7	1,340	59.2	0.000	294	16.9	1,306	42.7	0.000	0.841
Don't know	69	4.1	5	0.2	N/A	135	7.8	40	1.3	N/A	N/A
Agree + strongly agree	1,197	70.7	2,016	89.1	0.000	885	50.9	2,484	81.3	0.000	0.215

* Liquids included plain water, honey, gripe water, sugar water, salt-sugar water, tea, coffee, infant formula, tinned, powdered, or fresh animal milk, juice or juice drinks, clear broth, yogurt, thin porridge, or any other liquids.

Table 40. Confidence and Intention to Breastfeed Exclusively, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
Level of confidence that she will be able to breastfeed exclusively for 6 months	N=514		N=765			N=815		N=1,333			
Very uncertain	169	32.9	40	5.2	N/A	139	17.1	114	8.6	N/A	N/A
Uncertain	148	28.8	111	14.5		256	31.4	371	27.8		
Confident	166	32.3	180	23.5		343	42.1	328	24.6		
Very confident	31	6.0	427	55.8	0.000	77	9.4	507	38.0	0.000	0.000
Don't know	0	0.0	7	0.9	N/A	0	0.0	13	1.0	N/A	N/A
Amount of time respondent intends to exclusively breastfeed	N=512		N=765			N=817		N=1,333			
≤ 3 months	138	27.0	119	15.6	N/A	300	36.7	374	28.1	N/A	N/A
4 months	35	6.8	9	1.2		52	6.4	59	4.4		
5 months	18	3.5	19	2.5		50	6.1	36	2.7		
6 months	194	37.9	551	72.0	0.000	292	35.7	636	47.7	0.000	0.000
7 months	7	1.4	2	0.3	N/A	5	0.6	46	3.5	N/A	N/A
8 months	6	1.2	0	0.0		0	0.0	9	0.7		
9 months	5	1.0	0	0.0		0	0.0	2	0.2		
≥ 10 months	28	5.5	12	1.6		9	1.1	12	0.9		
Don't know	81	15.8	53	6.9		109	13.3	159	11.9		
Among mothers of children under two											
Level of confidence that she will be able to breastfeed exclusively for 6 months	N=1,672		N=2,262			N=1,723		N=3,055			

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Very uncertain	546	32.7	119	5.3	N/A	304	17.6	268	8.8	N/A	N/A
Uncertain	486	29.1	392	17.3		435	25.2	1,003	32.8		
Confident	541	32.4	489	21.6		782	45.4	748	24.5		
Very confident	99	5.9	1,256	55.5	0.000	202	11.7	1,023	33.5	0.000	0.000
Don't know	0	0.0	6	0.3	N/A	0	0.0	13	0.4	N/A	N/A

Table 41. Children Under 2 Years of Age Brought with Mother to Work, by Location and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among children under two whose mothers worked, with mother while she worked.	N=311		N=597			N=285		N=622			
No	108	34.7	181	30.3	0.212	87	30.5	190	30.5	0.996	0.228
Yes	203	65.3	416	69.7		198	69.5	432	69.5		

Table 42. Breastfeeding Status* of Children Under 6 Months of Age, by Child's Age, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Children breastfed at least once in the previous day or night, age 0-1 month old	N=154		N=258			N=188		N=313			
No	2	1.3	5	1.9	0.633	1	0.5	9	2.9	0.074	N/A
Yes	152	98.7	253	98.1		187	99.5	304	97.1		
Children breastfed at least once in the previous day or night, age 2-3 months old	N=201		N=245			N=214		N=280			
No	4	2.0	3	1.2	0.522	6	2.8	9	3.2	0.793	N/A
Yes	197	98.0	242	98.8		208	97.2	271	96.8		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Children breastfed at least once in the previous day or night, age 4-5 months old	N=172		N=220			N=161		N=320			
No	5	2.9	3	1.4	0.286	3	1.9	6	1.9	0.993	N/A
Yes	167	97.1	217	98.6		158	98.1	314	98.1		
Children breastfed at least once in the previous day or night, age 0-5 months old	N=527		N=723			N=563		N=913			
No	11	2.1	11	1.5	0.463	10	1.8	24	2.6	0.288	0.214
Yes	516	97.9	712	98.5		553	98.2	889	97.4		

* Breastfeeding status refers to a "24-hour" period (yesterday and last night).

Table 43. Exclusive Breastfeeding Status of Children Under 6 Months of Age, by Child's Age, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Predominant breastfeeding¹											
Among children 0-5 months old	N=419		N=717			N=448		N=898			
No	147	35.1	202	28.2	0.053	135	30.1	237	26.4	0.231	0.876
Yes	272	64.9	515	71.8		313	69.9	661	73.6		
Exclusive breastfeeding											
Among children 0-1 months old	N=138		N=258			N=171		N=311			
No	98	71.0	121	46.9	0.000	128	74.9	183	58.8	0.001	0.000
Yes	40	29.0	137	53.1		43	25.1	128	41.2		
Among children 2-3 months old	N=186		N=243			N=205		N=280			
No	143	76.9	107	44.0	0.000	155	75.6	172	61.4	0.001	0.000
Yes	43	23.1	136	56.0		50	24.4	108	38.6		
Among children 4-5 months old	N=161		N=218			N=157		N=320			
No	135	83.9	129	59.2	0.000	135	86.0	234	73.1	0.005	0.000
Yes	26	16.1	89	40.8		22	14.0	86	26.9		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among children 0-3 months old	N=324		N=501			N=376		N=591			
No	241	74.4	228	45.5	0.000	283	75.3	355	60.1	0.000	0.000
Yes	83	25.6	273	54.5		93	24.7	236	39.9		
Among children 0-5 months old	N=485		N=719			N=533		N=911			
No	376	77.5	357	49.7	0.000	418	78.4	589	64.7	0.000	0.006
Yes	109	22.5	362	50.3		115	21.6	322	35.3		

¹ Either exclusively breastfed or received breast milk and plain water and/or non-milk liquids only

Table 44. Supplementary Foods and Drinks Given to Children under 6 Months of Age in the Last 24 Hours, by Child's Age, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Child under six months old given liquids/drinks besides breastmilk in the last 24 hours	N=516		N=726			N=575		N=941			
No	152	29.5	397	54.7	0.000	154	26.8	384	39.4	0.000	0.468
Yes	364	70.5	329	45.3		421	73.2	557	60.6		
Child under six months old given food in the last 24 hours	N=432		N=731			N=455		N=944			
No	352	81.5	587	80.3	0.662	373	82.0	798	84.5	0.314	0.052
Yes	80	18.5	144	19.7		82	18.0	146	15.5		
Child under six months old given liquids/drinks and/or food in the last 24 hours	N=489		N=726			N=546		N=941			
No	115	23.5	369	50.8	0.000	119	21.8	353	37.5	0.000	0.198
Yes	374	76.5	357	49.2		427	78.2	588	62.5		
Specific drinks/liquids given to child under six months old in the last 24 hours*	N=479		N=726			N=544		N=942			
Plain water	351	66.5	300	41.0	0.000	413	71.3	528	55.9	0.000	0.859
Infant formula (Nursie or Guigoz)	30	5.8	19	2.6	0.015	19	3.3	16	1.7	0.075	0.827
Milk (tinned, powdered or fresh)	25	4.8	13	1.8	0.004	21	3.6	23	2.4	0.231	0.616

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
animal milk)											
Thin Porridge	11	2.1	21	2.9	0.396	22	3.8	24	2.5	0.156	0.000
Other liquid (juice or juice drinks, clear broth, yogurt, or other liquids)	57	11.9	118	16.3	0.079	61	11.2	127	13.5	0.248	0.036
Specific foods given to child under six months old in the last 24 hours*	N=427		N=731			N=449		N=944			
Porridge, bread, rice, noodles or other foods made from grains	49	9.8	76	10.4	0.718	70	13.0	89	9.4	0.055	0.052
White potatoes, white yams, manioc, cassava or other foods made from roots	13	2.6	15	2.1	0.573	16	3.0	2	0.2	0.000	0.010
Pumpkin, carrots, squash or sweet potatoes that are yellow or orange inside	6	1.2	15	2.1	0.314	10	1.9	6	0.6	0.021	0.001
Any dark green leafy vegetables	15	3.0	12	1.6	0.152	13	2.4	2	0.2	0.000	0.060
Ripe mangoes or ripe papayas	2	0.4	2	0.3	0.701	6	1.1	0	0.0	0.001	0.007
Any other fruits or vegetables (e.g. watermelon and cucumber)	9	1.8	5	0.7	0.075	6	1.1	2	0.2	0.022	0.003
Liver, kidney, heart or other organ meats	7	1.4	4	0.5	0.117	3	0.6	0	0.0	0.017	0.821
Any meat, such as beef, pork, lamb, goat, chicken or duck	3	0.6	4	0.5	0.901	3	0.6	1	0.1	0.107	0.310
Fresh or dried fish, shellfish or seafood	6	1.2	4	0.5	0.271	7	1.3	1	0.1	0.003	0.922
Eggs (including guinea fowl eggs)	3	0.6	5	0.7	0.861	4	0.7	0	0.0	0.008	0.683
Cheese, yogurt or other milk products	9	1.8	5	0.7	0.119	8	1.5	3	0.3	0.015	0.631
Any foods made from beans, peas, soya beans, soya meat, lentils, nuts, groundnuts, groundnut butter or seeds	19	3.8	17	2.3	0.184	26	4.9	6	0.6	0.000	0.003

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Any oil such as palm oil, groundnut oil, vegetable oil, fats, shea butter, or foods made with any of these	13	2.6	10	1.4	0.116	26	4.9	10	1.1	0.000	N/A
Any sugary foods such as chocolates, sweets, candies, pastries, honey, cakes or biscuits	3	0.6	9	1.2	0.272	4	0.7	7	0.7	0.990	N/A
Condiments for flavor such as chilies, spices, herbs or fish powder	1	0.2	1	0.1	0.786	3	0.6	5	0.5	0.937	N/A
Grubs, snails, or insects	0	0.0	1	0.1	0.408	0	0.0	0	0.0	N/A	N/A
Other foods	18	4.2	50	6.8	0.165	5	1.1	49	5.2	0.001	0.000
Any vitamin A-rich foods (pumpkin, mangoes, etc.)	N=498		N=731			N=533		N=944			
Yes	491	98.6	715	97.8	0.397	519	97.4	938	99.4	0.001	0.000
No	7	1.4	16	2.2		14	2.6	6	0.6		
Any animal protein (fish, meat, organs, eggs)	N=498		N=731			N=534		N=944			
No	488	98.0	719	98.4	0.520	523	97.9	942	99.8	0.000	0.451
Yes	10	2.0	11	1.5		11	2.1	2	0.2		

* The Ns vary slightly for each item since "don't know" responses were dropped from the analysis.

Knowledge, Attitudes, and Practices: Continued Breastfeeding

Table 45. Knowledge about Continued Breastfeeding, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
For how long do you think children should be breastfed? (number of months)	N=525		N=765			N=830		N=1,333			
<6	20	3.8	10	1.3	N/A	6	0.7	7	0.5	N/A	N/A
6-17	115	21.9	110	14.4		44	5.3	65	4.9		
18-23	153	29.1	230	30.1		369	44.5	552	41.4		
24-31	199	37.9	392	51.2		376	45.3	695	52.1		
32-34	0	0.0	0	0.0		0	0.0	0	0.0		
35-41	3	0.6	9	1.2		1	0.1	0	0.0		
≥42	1	0.2	0	0.0		2	0.2	0	0.0		
Don't know	34	6.5	14	1.8		32	3.9	14	1.1		
Knows children should be breastfed for 24 months or more	203	38.7	401	52.4	0.000	379	45.7	695	52.1	0.021	0.069
Number of months, mean (SD)	18.9 (6.2)		20.6 (5.0)		0.0000	21.4 (3.8)		21.5 (3.3)		0.3189	0.000
Among mothers of children under two											
For how long do you think children should be breastfed? (number of months)	N=1,695		N=2,262			N=1,737		N=3,055			
<6	37	2.2	31	1.4	N/A	32	1.8	8	0.3	N/A	N/A
6-17	325	19.2	223	9.9		76	4.4	151	4.9		
18-23	492	29.0	614	27.1		764	44.0	1,116	36.5		
24-31	762	45.0	1,370	60.6		848	48.8	1,770	57.9		
32-34	0	0.0	0	0.0		0	0.0	0	0.0		
35-41	7	0.4	13	0.6		2	0.1	1	0.0		
≥42	5	0.3	3	0.1		1	0.1	1	0.0		
Don't know	67	4.0	8	0.4		14	0.8	8	0.3		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Knows children should be breastfed for 24 months or more	774	45.7	1,386	61.3	0.000	851	49.0	1,772	58.0	0.000	0.031
Number of months, mean (SD)	19.9 (5.4)		21.2 (4.7)		0.0000	21.2 (4.0)		21.8 (3.2)		0.0000	0.004

Table 46. Attitudes regarding Continued Breastfeeding, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
How strongly do you agree or disagree that breastfeeding children for at least 2 years is important for the health of mothers and/or children?	N=521		N=765			N=835		N=1,333			
Strongly disagree	43	8.3	24	3.1	N/A	15	1.8	33	2.5	N/A	N/A
Disagree	77	14.8	116	15.2		148	17.7	152	11.4		
Agree	223	42.8	266	34.8		458	54.9	475	35.6		
Strongly agree	155	29.8	355	46.4	0.000	187	22.4	664	49.8	0.000	0.011
Don't know	23	4.4	4	0.5	N/A	27	3.2	9	0.7	N/A	N/A
Agree + strongly agree	378	72.6	621	81.2	0.001	645	77.2	1,139	85.4	0.000	0.771
Among mothers of children under two											
How strongly do you agree or disagree that breastfeeding children for at least 2 years is important for the health of mothers and/or children?	N=1,686		N=2,262			N=1,732		N=3,055			
Strongly disagree	112	6.6	61	2.7	N/A	70	2.9	58	1.9	N/A	N/A
Disagree	275	16.3	286	12.6		314	13.0	297	9.7		
Agree	755	44.8	786	34.7		838	34.6	1,099	36.0		
Strongly agree	508	30.1	1,123	49.6	0.000	1,195	49.3	1,594	52.2	0.000	0.001
Don't know	36	2.1	6	0.3	N/A	6	0.2	7	0.2	N/A	N/A

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Agree + strongly agree	1,263	74.9	1,909	84.4	0.000	1,353	78.1	2,693	88.2	0.000	0.355

Table 47. Confidence in Ability to Breastfeed for Two Years, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
Level of confidence that they could breastfeed their baby for at least two years	N=512		N=765			N=816		N=1,333			
Very uncertain	149	29.1	39	5.1	N/A	155	19.0	40	3.0	N/A	N/A
Uncertain	173	33.8	195	25.5		389	47.7	356	26.7		
Confident	169	33.0	215	28.1		238	29.2	364	27.3		
Very confident	21	4.1	313	40.9	0.000	34	4.2	559	41.9	0.000	0.938
Don't know	0	0.0	3	0.4	N/A	0	0.0	14	1.1	N/A	N/A
Among mothers of children under two											
Level of confidence that they could breastfeed their baby for at least two years	N=1,670		N=2,262			N=1,723		N=3,055			
Very uncertain	474	28.2	141	6.3	N/A	337	19.4	163	5.4	N/A	N/A
Uncertain	677	40.2	520	23.0		880	50.6	680	22.5		
Confident	452	26.9	579	25.7		465	26.8	961	31.7		
Very confident	78	4.7	1,010	44.7	0.000	55	3.2	1,222	40.0	0.000	0.354
Don't know	0	0.0	8	0.4	N/A	0	0.0	8	0.3	N/A	N/A

Table 48. Intention to Breastfeed for Two Years, by Location and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
Among pregnant women, number of months they intends to continue breastfeeding	N=513		N=765			N=815		N=1,333			
<6	21	4.1	49	6.4	N/A	23	2.8	53	4.0	N/A	N/A
6-17	161	31.4	206	26.9		213	26.1	195	14.6		
18-23	166	32.4	267	34.9		314	38.5	711	53.3		
24-31	115	22.4	208	27.2		214	26.3	334	25.1		
32-35	0	0.0	0	0.0		0	0.0	0	0.0		
36-41	3	0.6	7	0.9		1	0.1	0	0.0		
42+	0	0.0	0	0.0		0	0.0	0	0.0		
Don't know	47	9.2	28	3.7		50	6.1	40	3.0		
Number of months, mean (SD)	16.6 (6.9)		16.8 (7.2)		0.543	17.3 (6.8)		18.6 (5.8)		0.000	0.107
Among pregnant women, those who intend to continue breastfeeding for at least two years	N=466		N=737			N=765		N=1,293			
No	348	74.7	522	70.8	0.110	550	71.9	959	74.2	0.388	0.086
Yes	118	25.3	215	29.2		215	28.1	334	25.8		
Among mothers of children under two											
Pregnant women's intentions regarding continued breastfeeding , number of months	N=50		N=40			N=46		N=78			
<6	1	2.0	3	7.5	N/A	1	2.2	2	2.6	N/A	N/A
6-17	15	30.0	10	25.0		10	21.7	14	17.9		
18-23	20	40.0	22	55.0		23	50.0	49	62.8		
24-31	8	16.0	5	12.5		11	23.9	10	12.8		
32-35	0	0.0	0	0.0		0	0.0	0	0.0		
36-41	0	0.0	0	0.0		0	0.0	0	0.0		
42+	0	0.0	0	0.0		0	0.0	0	0.0		
Don't know	6	12.0	0	0.0		1	2.2	3	3.8		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women, those who intend to continue breastfeeding for at least two years	N=44		N=40			N=45		N=75			
No	36	81.8	35	87.5	0.391	34	75.6	65	86.7	0.127	0.670
Yes	8	18.2	5	12.5		11	24.4	10	13.3		
Number of months, mean (SD)	17.1 (5.4)		16.4 (5.8)		0.549	18.2 (5.7)		18.4 (5.0)		0.849	0.553

Table 49. Continued Breastfeeding Status* of Children Under 2 Years of Age, by Child's Age, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	%		n	%	n	%		
Breastfed at least once in the previous day or night, by child's age in months											
Children age <6 months	N=527		N=723			N=563		N=913			
No	11	2.1	11	1.5	0.463	10	1.8	24	2.6	0.288	0.214
Yes	516	97.9	712	98.5		553	98.2	889	97.4		
Children ages 6-8 months	N=241		N=325			N=256		N=461			
No	7	2.9	3	0.9	0.085	11	4.3	10	2.2	0.084	0.576
Yes	234	97.1	322	99.1		245	95.7	451	97.8		
Children ages 9-11 months	N=224		N=300			N=210		N=401			
No	6	2.7	7	2.3	0.799	2	1.0	10	2.5	0.196	0.245
Yes	218	97.3	293	97.7		208	99.0	391	97.5		
Children ages 12-15 months	N=301		N=373			N=378		N=523			
No	15	5.0	16	4.3	0.712	12	3.2	13	2.5	0.480	0.865
Yes	286	95.0	357	95.7		366	96.8	510	97.5		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	%		n	%	n	%		
Children ages 16-19 months	N=238		N=339			N=226		N=447			
No	53	22.3	77	22.7	0.905	26	11.5	50	11.2	0.903	0.865
Yes	185	77.7	262	77.3		200	88.5	397	88.8		
Children ages 20-23 months	N=173		N=259			N=109		N=290			
No	84	48.6	162	62.5	0.006	40	36.7	130	44.8	0.201	0.487
Yes	89	51.4	97	37.5		69	63.3	160	55.2		

* Breastfeeding status refers to a "24-hour" period (yesterday and last night).

Table 50. Cessation of Breastfeeding for Children Under 2 Years of Age, by Child's Age, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among children who had completely stopped breastfeeding, duration of breastfeeding in months	N=132		N=254			N=63		N=191			
≤6	6	4.5	5	2.0	N/A	2	3.2	4	2.1	N/A	N/A
6-17	74	56.1	120	47.2		22	34.9	59	30.9		
18-23	49	37.1	129	50.8		38	60.3	127	66.5		
Don't know	3	2.3	0	0.0		1	1.6	1	0.5		
Number of months, mean (SD)	15.3 (4.3)		16.6 (3.5)		0.001	16.8 (4.3)		17.7 (3.9)		0.125	0.587

* Percentages total more than 100 because multiple responses were allowed.

Knowledge, Attitudes, and Practices: Breastfeeding Techniques

Table 51. Knowledge and Attitudes about Breastfeeding Frequency, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
Knows to breastfeed as frequently as the baby wants (requests or demands)	N=527		N=765			N=833		N=1,333			
No	192	36.4	242	31.6	0.205	324	38.9	484	36.3	0.450	0.641
Yes	335	63.6	523	68.4		509	61.1	849	63.7		
How strongly do you agree or disagree that breastfeeding infants under 6 months on demand is important for the health of mothers and/or children?	N=523		N=765			N=836		N=1,333			
Strongly disagree	38	7.3	64	8.4	N/A	13	1.6	111	8.3	N/A	N/A
Disagree	129	24.7	137	17.9		125	15.0	167	12.5		
Agree	220	42.1	295	38.6		487	58.3	537	40.3		
Strongly agree	109	20.8	261	34.1	0.001	182	21.8	510	38.3	0.000	0.615
Don't know	27	5.2	8	1.0	N/A	29	3.5	8	0.6	N/A	N/A
Agree + strongly agree	329	62.9	556	72.7	0.011	669	80.0	1,047	78.5	0.616	0.031
Among mothers of children under two											
Knows to breastfeed as frequently as the baby wants (requests or demands)	N=1,680		N=2,262			N=1,739		N=3,055			
No	552	32.9	638	28.2	0.049	526	30.2	1,046	34.2	0.194	0.025
Yes	1,128	67.1	1,624	71.8		1,213	69.8	2,009	65.8		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
How strongly do you agree or disagree that breastfeeding infants under 6 months on demand is important for the health of mothers and/or children?	N=1,684		N=2,262			N=1,736		N=3,055			
Strongly disagree	139	8.3	159	7.0	N/A	16	0.9	186	6.1	N/A	N/A
Disagree	363	21.6	425	18.8		270	15.6	392	12.8		
Agree	806	47.9	820	36.3		1,061	61.1	1,234	40.4		
Strongly agree	341	20.2	851	37.6	0.000	372	21.4	1,236	40.5	0.000	0.800
Don't know	35	2.1	7	0.3	N/A	17	1.0	7	0.2	N/A	N/A
Agree + strongly agree	1,147	68.1	1,671	73.9	0.042	1,433	82.5	2,470	80.9	0.533	0.084

Table 52. Knowledge about Hunger Signs and Feeding under Special Circumstances, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
Early signs that a baby is hungry mentioned	N=536		N=765			N=841		N=1,333			
Baby is restless	213	39.7	188	24.6	N/A	365	43.4	219	16.4	N/A	N/A
Baby opens his/her mouth	76	14.2	168	22.0		116	13.8	294	22.1		
Baby turns his/her head	39	7.3	103	13.5		70	8.3	165	12.4		
Baby sticks tongue in and out	66	12.3	93	12.2		93	11.1	112	8.4		
Baby sucks on hand or fist	43	8.0	98	12.8		96	11.4	116	8.7		
Number of early signs that a baby is hungry mentioned	N=536		N=765			N=841		N=1,333			
0	230	42.9	366	47.8	N/A	302	35.9	750	56.3	N/A	N/A
1	207	38.6	229	29.9		382	45.4	350	26.3		
2	74	13.8	113	14.8		121	14.4	157	11.8		
≥3	25	4.7	57	7.5		36	4.3	76	5.8		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Mentioned ≥2 signs	99	18.5	170	22.2	0.294	157	18.7	233	17.5	0.675	0.285
Mentioned all five signs	0	0.0	6	0.8	0.294	0	0.0	2	0.2	0.258	N/A
Total number of signs mentioned, mean (SD)	0.8 (0.9)		0.9 (1.0)		0.533	0.9 (0.8)		0.7 (0.9)		0.000	0.037
Knows a thin or malnourished mother produces “enough” breastmilk for her infant under 6 months old	N=524		N=765			N=838		N=1,333			
No	381	72.7	635	83.0	0.000	658	78.5	1,176	88.2	0.000	0.625
Yes	143	27.3	130	17.0		180	21.5	157	11.8		
Knows it is important to continue breastfeeding an infant under 6 months old even if the mother becomes ill	N=526		N=765			N=835		N=1,333			
No	188	35.7	125	16.3	0.000	227	27.2	101	7.6	0.000	0.027
Yes	338	64.3	640	83.7		608	72.8	1,232	92.4		
Knows it is important to continue breastfeeding an ill infant under 6 months old	N=518		N=765			N=823		N=1,333			
No	140	27.0	43	5.6	0.000	128	15.6	42	3.2	0.000	0.746
Yes	378	73.0	722	94.4		695	84.4	1,291	96.8		
Knows a breastfeeding mother of a child under 6 months old should NOT stop breastfeeding if she becomes pregnant	N=514		N=765			N=827		N=1,333			
No	343	66.7	302	39.5	0.000	429	51.9	353	26.5	0.000	0.857
Yes	171	33.3	464	60.7		398	48.1	980	73.5		
Feeding under special circumstances - knows breastfeeding more frequently can increase milk production	N=337		N=642			N=397		N=1,068			
No	146	43.3	76	11.8	0.000	149	37.5	171	16.0	0.000	0.012
Yes	191	56.7	566	88.2		248	62.5	897	84.0		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among mothers of children under two											
Early signs that a baby is hungry mentioned	N=1,714		N=2,262			N=1,758		N=3,055			
Baby is restless	694	40.5	649	28.7	N/A	796	45.3	576	18.9	N/A	N/A
Baby opens his/her mouth	313	18.3	608	26.9		220	12.5	714	23.4		
Baby turns his/her head	148	8.6	290	12.8		131	7.5	413	13.5		
Baby sticks tongue in and out	221	12.9	292	12.9		199	11.3	256	8.4		
Baby sucks on hand or fist	177	10.3	291	12.9		189	10.8	261	8.5		
Number of early signs that a baby is hungry mentioned	N=1,714		N=2,262			N=1,758		N=3,055			
0	682	39.8	983	43.5	N/A	605	34.4	1,661	54.4	N/A	N/A
1	659	38.4	696	30.8		847	48.2	815	26.7		
2	267	15.6	397	17.6		240	13.7	384	12.6		
≥3	106	6.2	186	8.2		66	3.8	195	6.4		
Mentioned ≥2 signs	373	21.8	583	25.8	0.140	306	17.4	579	19.0	0.525	0.595
Mentioned all five signs	9	0.5	18	0.8	0.340	0	0.0	3	0.1	0.184	N/A
Total number of signs mentioned, mean (SD)	0.9 (1.0)		0.9 (1.1)		0.277	0.9 (0.8)		0.7 (1.0)		0.000	0.050
Knows a thin or malnourished mother produces "enough" breastmilk for her infant under 6 months old	N=1,683		N=2,262			N=1,742		N=3,055			
No	1,262	75.0	1,883	83.2	0.000	1,328	76.2	2,655	86.9	0.000	0.197
Yes	421	25.0	379	16.8		414	23.8	400	13.1		
Knows it is important to continue breastfeeding an infant under 6 months old even if the mother becomes ill	N=1,695		N=2,262			N=1,743		N=3,055			
No	506	29.9	311	13.7	0.000	395	22.7	240	7.9	0.000	0.092
Yes	1,189	70.1	1,951	86.3		1,348	77.3	2,815	92.1		
Knows it is important to continue breastfeeding	N=1,649		N=2,262			N=1,713		N=3,055			

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
an ill infant under 6 months old											
No	424	25.7	94	4.2	0.000	189	11.0	84	2.7	0.000	0.006
Yes	1,225	74.3	2,168	95.8		1,524	89.0	2,971	97.3		
Knows a breastfeeding mother of a child under 6 months old should NOT stop breastfeeding if she becomes pregnant	N=1,655		N=2,262			N=1,730		N=3,055			
No	1,066	64.4	782	34.6	0.000	752	43.5	855	28.0	0.000	0.000
Yes	589	35.6	1,480	65.4		978	56.5	2,200	72.0		
Knows breastfeeding more frequently can increase milk production	N=1,147		N=1,934			N=906		N=2,498			
No	463	40.4	182	9.4	0.000	265	29.2	382	15.3	0.000	0.000
Yes	684	59.6	1,752	90.6		641	70.8	2,116	84.7		

Table 53. Timing of Breastfeeding for Children Under 2 Years of Age, by Child's Age, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among children under 2 years old, number of times breastfed during the last day and night	N=1,046		N=2,297			N=1,085		N=2,989			
0	14	1.3	6	0.3	N/A	25	2.3	1	0.0	N/A	N/A
1-5	170	16.3	247	10.8		275	25.3	350	11.7		
6-10	443	42.4	815	35.5		555	51.2	1,115	37.3		
11-15	166	15.9	538	23.4		114	10.5	795	26.6		
16-20	81	7.7	257	11.2		41	3.8	389	13.0		
≥21	24	2.3	180	7.8		8	0.7	148	5.0		
Not applicable	144	13.8	254	11.1		67	6.2	191	6.4		
Don't know	4	0.4	0	0.0		0	0.0	0	0.0		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among children who were breastfed during the previous day and night, ways mother decided to breastfeed	N=1,528		N=2,043			N=1,641		N=2,798			
When baby cries	1,417	92.7	1,917	93.8	0.439	1,400	85.3	2,574	92.0	0.000	0.486
When baby appears restless	490	32.1	607	29.7	0.327	708	43.1	907	32.4	0.000	0.006
When baby opens mouth	448	29.3	558	27.3	0.429	483	29.4	542	19.4	0.000	0.003
When respondent is available, at a specific time, or other	468	30.6	452	22.1	0.000	418	25.5	568	20.3	0.019	0.151
When baby turns head from side to side	174	11.4	312	15.3	0.028	200	12.2	391	14.0	0.398	0.312
When baby sticks tongue in and out	168	11.1	284	13.9	0.080	212	12.9	330	11.8	0.632	0.100
When baby sucks on fingers or fists	160	10.5	224	11.0	0.749	124	7.6	259	9.3	0.199	0.662

* Percentages total more than 100 because multiple responses were allowed.

Table 54. Bottle Feeding of Children Under 2 Years of Age, by Child's Age, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Children fed with a bottle with a nipple the previous day	N=1,712		N=2,343			N=1,775		N=3,125			
No	1,439	84.1	2,142	91.4	0.000	1,647	92.8	2,896	92.7	0.917	0.000
Yes	273	15.9	201	8.6		128	7.2	229	7.3		

Knowledge, Attitudes, and Practices: Introduction of Complementary Foods

Table 55. Knowledge about Introduction of Complementary Foods, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
When do you think a baby should first be given soft semi-solid foods?	N=523		N=765			N=833		N=1,333			
≤3 months	17	3.4	26	3.4	N/A	9	1.1	21	1.6	N/A	N/A
4 months	40	8.0	8	1.1	N/A	15	1.9	33	2.5	N/A	N/A
5 months	20	4.0	16	2.1	N/A	49	6.1	45	3.4	N/A	N/A
6 months	208	41.9	311	40.7	N/A	311	37.3	451	33.8	N/A	N/A
7 months	106	21.3	203	26.5	N/A	205	24.6	353	26.5	N/A	N/A
8 months	47	9.5	101	13.2	N/A	141	16.9	207	15.5	N/A	N/A
9 months	25	5.0	47	6.2	N/A	32	4.0	69	5.2	N/A	N/A
10+ months	34	6.8	42	5.6	N/A	43	5.3	135	10.3	N/A	N/A
Don't know	26	5.0	11	1.4	N/A	28	3.4	19	1.4	N/A	N/A
Age in months, mean (SD)	6.8 (2.8)		6.9 (1.9)		0.593	6.9 (1.9)		7.2 (2.1)		0.002	0.336
Thinks a baby should first be given soft semi-solid foods at 6 months of age	N=497		N=754			N=805		N=1,315			
No	289	58.1	443	58.8	0.850	494	61.4	864	65.7	0.102	0.270
Yes	208	41.9	311	41.2		311	38.6	451	33.8		
Thinks a baby should first be given soft semi-solid foods at 6-8 months of age	N=497		N=754			N=805		N=1,315			
No	136	27.4	139	18.4	0.066	148	18.4	304	23.1	0.029	0.000
Yes	361	72.6	615	81.6		657	81.6	1,011	76.9		
Among mothers of children under two											
When do you think a baby should first be given soft semi-solid foods?	N=1,636		N=2,255			N=1,721		N=3,036			
≤3 months	64	3.9	60	2.7	N/A	27	1.6	57	1.9	N/A	N/A
4 months	93	5.7	28	1.2	N/A	49	2.8	68	2.2	N/A	N/A

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
5 months	96	5.9	49	2.2	N/A	99	5.8	100	3.3	N/A	N/A
6 months	690	42.2	993	44.0	N/A	647	37.6	1,078	35.5	N/A	N/A
7 months	350	21.4	602	26.7	N/A	463	26.9	818	26.9	N/A	N/A
8 months	195	11.5	266	11.8	N/A	314	18.0	466	15.3	N/A	N/A
9 months	69	4.2	116	5.1	N/A	70	4.1	164	5.4	N/A	N/A
10+ months	79	4.8	140	6.2	N/A	52	3.0	284	9.4	NA/	N/A
Don't know	54	3.2	8	0.4	N/A	21	1.2	20	0.7	N/A	N/A
Age in months, mean (SD)	6.6 (2.1)		6.9 (1.8)		0.000	6.8 (1.5)		7.1 (1.9)		0.000	0.554
Thinks a baby should first be given soft semi-solid foods at 6 months of age	N=1,636		N=2,255			N=1,721		N=3,036			
No	946	57.8	1,262	56.0	0.428	1,074	62.4	1,958	64.5	0.328	0.211
Yes	690	42.2	993	44.0		647	37.1	1,078	35.3		
Thinks a baby should first be given soft semi-solid foods at 6-8 months of age	N=1,636		N=2,255			N=1,721		N=3,036			
No	401	24.5	394	17.5	0.000	297	17.3	674	22.2	0.001	0.000
Yes	1,235	75.5	1,861	82.5		1,424	82.7	2,362	77.8		

Table 56. Attitudes about Introduction of Complementary Foods, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
How strongly do you agree or disagree that introducing soft, semi-solid foods to a child at 6 months of age is important for the health of mothers and/or children?	N=523		N=765			N=836		N=1,333			
Strongly disagree	19	3.6	34	4.4	N/A	27	3.2	36	2.7	N/A	N/A
Disagree	74	14.1	114	14.9		117	14.0	177	13.3		
Agree	267	51.1	397	51.9		461	55.1	637	47.8		
Strongly agree	147	28.1	218	28.5	0.904	187	22.4	476	35.7	0.000	0.003

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Don't know	16	3.1	2	0.3	N/A	44	5.3	7	0.5	N/A	N/A
Agree + strongly agree	414	79.2	615	80.4	0.640	648	77.5	1,113	83.5	0.005	0.147
Among mothers of children under two											
How strongly do you agree or disagree that introducing soft, semi-solid foods to a child at 6 months of age is important for the health of mothers and/or children?	N=1,683		N=2,262			N=1,737		N=3,055			
Strongly disagree	84	5.0	55	2.4	N/A	46	2.6	66	2.2	N/A	N/A
Disagree	219	13.0	320	14.1		228	13.1	399	13.1		
Agree	894	53.1	1,164	51.5		1,022	58.8	1,540	50.4		
Strongly agree	459	27.3	721	31.9	0.040	392	22.6	1,049	34.3	0.000	0.019
Don't know	27	1.6	2	0.1	N/A	49	2.8	1	0.0	N/A	N/A
Agree + strongly agree	1,353	80.4	1,885	83.3	0.108	1,414	81.4	2,589	84.7	0.026	0.806

Table 57. Confidence* and Intention to Practice Timely Introduction of Complementary Foods, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
Confidence to introduce her baby to nutritious and safe soft, semi-solid foods at 6 months.	N=514		N=765			N=816		N=1,333			
Very uncertain	180	35.0	19	2.5	N/A	150	18.4	32	2.4	N/A	N/A
Uncertain	221	43.0	107	14.0		506	62.0	194	14.6		
Confident	98	19.1	292	38.2		142	17.4	564	42.3		
Very confident	15	2.9	338	44.2	0.000	18	2.2	523	39.2	0.000	0.831
Don't know	0	0	9	1.2	N/A	0	0	20	1.5	N/A	N/A

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Pregnant women's intentions regarding introduction of safe soft, semi-solid foods to her baby.	N=512		N=765			N=816		N=1,333			
≤ 3 months	23	4.5	28	3.7	N/A	26	3.2	36	2.7	N/A	N/A
4 months	35	6.8	25	3.3	N/A	46	5.6	44	3.3	N/A	N/A
5 months	41	8.0	23	3.0	N/A	94	11.5	90	6.8	N/A	N/A
6 months	222	43.4	383	50.1	N/A	361	44.2	512	38.4	N/A	N/A
7 months	75	14.6	167	21.8	N/A	130	15.9	296	22.2	N/A	N/A
8 months	31	6.1	67	8.8	N/A	69	8.5	140	10.5	N/A	N/A
9 months	17	3.3	25	3.3	N/A	12	1.5	55	4.1	N/A	N/A
10+ months	20	3.9	23	3.0	N/A	14	1.7	112	8.4	N/A	N/A
Don't know	48	9.4	24	3.1	N/A	64	7.8	48	3.6	N/A	N/A
Number of months, mean (SD)	6.4 (2.6)		6.4 (1.5)		0.653	6.1 (1.7)		6.8 (1.9)		0.000	0.000
Among pregnant women, those who intend to introduce her baby to nutritious and safe soft, semi-solid foods at 6 months	N=464		N=741			N=752		N=1,285			
Yes	222	47.8	383	51.7	0.250	361	48.0	512	39.8	0.001	0.004
Among pregnant women, those who intend to introduce her baby to nutritious and safe soft, semi-solid foods between 6-8 months	N=464		N=741			N=752		N=1,285			
Yes	328	70.7	617	83.3	0.000	560	74.5	948	73.8	0.753	0.000
Among mothers of children under two											
Confidence to introduce her baby to nutritious and safe soft, semi-solid foods at 6 months.	N=1,673		N=2,262			N=1,724		N=3,055			
Very uncertain	515	30.8	44	1.9	N/A	267	15.5	84	2.7	N/A	N/A
Uncertain	846	50.6	288	12.7		1,109	64.3	482	15.8		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Confident	275	16.4	896	39.6		322	18.7	1,344	44.0		
Very confident	37	2.2	1,025	45.3	0.000	26	1.5	1,133	37.1	0.000	0.875
Don't know	0	0.0	9	0.4	N/A	0	0.0	12	0.4	N/A	N/A

* The confidence variables below have been generated using questions from different modules in order to look at confidence to perform certain behaviors across all women. For women pregnant at the time of the survey, confidence questions from Module 3 were used. For caregivers, questions from module 4 were used. If a woman was pregnant AND a caregiver at the time of the survey, responses from Module 3 confidence questions were used.

Table 58. Age of Introduction of Complementary Food for Children Under 2 Years of Age, by Child's Age, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Age at which child first started to eat solid, semi-solid or soft foods	N=1,264		N=1,916			N=1,265		N=2,401			
≤ 3 months old	106	8.4	416	21.7	N/A	73	5.8	600	25.0	N/A	N/A
4 months old	107	8.5	54	2.8		54	4.3	123	5.1		
5 months old	122	9.7	88	4.6		129	10.2	180	7.5		
6 months old	416	32.9	762	39.8		463	36.6	663	27.6		
7 months old	187	14.8	297	15.5		288	22.8	375	15.6		
8 months old	106	8.4	107	5.6		146	11.5	204	8.5		
9 months old	51	4.0	79	4.1		46	3.6	78	3.2		
≥ 10 months old	49	3.9	96	5.0		32	2.5	169	7.0		
Don't know	120	9.5	17	0.9		34	2.7	9	0.4		
Age in months, mean (SD)	6.0 (2.3)		5.4 (3.1)		0.000	6.2 (2.0)		5.3 (3.3)		0.000	0.028
Child first started to eat solid, semi-solid or soft foods at 6 months*	N=1,144		N=1,899			N=1,231		N=2,392			
Yes	416	36.4	762	40.1	0.100	463	37.6	663	27.7	0.000	0.000
Child first started to eat solid, semi-solid or soft foods between 6-8 months*	N=1,144		N=1,899			N=1,231		N=2,392			
Yes	709	62.0	1,166	61.4	0.799	897	72.9	1,242	51.9	0.000	0.000

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among children 6-8 months old, those given solid, semi-solid or soft food during the previous 24 hours	N=224		N=322			N=234		N=463			
Yes	157	70.1	212	65.8	0.391	191	81.6	271	58.5	0.000	0.003

* In calculating these binary variables, the respondents who did not know age at which the child first ate solid, semi-solid or soft foods were dropped from the sample.

Knowledge, Attitudes, and Practices: Complementary Feeding

Table 59. Knowledge about Nutrient-Rich Foods, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
Identified the following as good sources of iron	N=536		N=765			N=841		N=1,333			
Organ meats	152	28.4	183	23.9	0.138	186	22.1	252	18.9	0.227	0.883
Red meat	105	19.6	184	24.1	0.104	209	24.9	261	19.6	0.023	0.007
Legumes	83	15.5	511	66.8	0.000	174	20.7	1,020	76.5	0.000	0.588
Knows at least one source of iron*	N=536		N=765			N=841		N=1,333			
No	194	36.2	42	5.5	0.000	558	66.3	83	6.2	0.000	0.419
Yes	342	63.8	723	94.5		558	66.3	1,250	93.8		
Identified the following as good sources of vitamin A	N=536		N=765			N=841		N=1,333			
Orange fruits and vegetables	244	45.5	511	66.8	0.000	361	42.9	789	59.2	0.000	0.267
Green leaves	201	37.5	429	56.1	0.000	322	38.3	691	51.8	0.000	0.311
Liver	53	9.9	118	15.4	0.011	55	6.5	136	10.2	0.020	0.935
Cow's milk	56	10.4	62	8.1	0.173	29	3.4	83	6.2	0.023	0.009
Knows at least one source of vitamin A.**	N=536		N=765			N=841		N=1,333			
No	221	41.2	129	16.9	0.000	326	38.8	324	24.3	0.000	0.017

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Yes	315	58.8	636	83.1		515	61.2	1,009	75.7		
Among mothers of children under two											
Identified the following as good sources of iron.	N=1,714		N=2,262			N=1,758		N=3,055			
Organ meats	487	28.4	598	26.4	0.433	394	22.4	558	18.3	0.092	0.425
Red meats	440	25.7	583	25.8	0.961	404	23.0	541	17.7	0.009	0.045
Legumes	272	15.9	1,525	67.4	0.000	343	19.5	2,401	78.6	0.000	0.105
Knows at least one iron-rich food*	N=1,714		N=2,262			N=1,758		N=3,055			
No	567	33.1	92	4.1	0.000	652	37.1	127	4.2	0.000	0.522
Yes	1,147	66.9	2,170	95.9		1,106	62.9	2,928	95.8		
Identified the following as good sources of vitamin A	N=1,714		N=2,262			N=1,758		N=3,055			
Orange fruits and vegetables	858	50.1	1,466	64.8	0.000	710	40.4	1,888	61.8	0.000	0.097
Green leaves	734	42.8	1,280	56.6	0.000	686	39.0	1,562	51.1	0.000	0.679
Liver	198	11.6	348	15.4	0.015	107	6.1	358	11.7	0.000	0.060
Cow's milk	178	10.4	191	8.4	0.108	68	3.9	193	6.3	0.004	0.001
Knows at least one vitamin A-rich food**	N=1,714		N=2,262			N=1,758		N=3,055			
No	623	36.3	357	15.8	0.000	703	40.0	643	21.0	0.000	0.273
Yes	1,091	63.7	1,905	84.2		1,055	60.0	2,412	79.0		

* For this indicator, we considered the following to be good sources of iron: liver, kidneys, heart, other organ meats, red meat, and beans/legumes.

** For this indicator, we considered the following to be good sources of vitamin A: liver, orange-colored fruits/vegetables, green leaves, and cow's milk.

Table 60. Attitudes about Complementary Feeding, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
How strongly do you agree or disagree that feeding a child over 6 months old a diverse diet is important for the health of mothers and/or children?	N=522		N=765			N=836		N=1,333			
Strongly disagree	18	3.4	23	3.0	N/A	28	3.3	84	6.3	N/A	N/A
Disagree	123	23.6	128	16.7		135	16.1	236	17.7		
Agree	244	46.7	334	43.7		460	55.0	534	40.1		
Strongly agree	92	17.6	273	35.7	0.000	154	18.4	471	35.3	0.000	0.761
Don't know	45	8.6	7	0.9	N/A	59	7.1	8	0.6	N/A	N/A
Agree + strongly agree	336	64.4	607	79.3	0.000	614	73.4	1,005	75.4	0.453	0.001
How strongly do you agree or disagree that waiting to feed animal protein to a child is one year old is important for the health of mothers and/or children?	N=523		N=765			N=835		N=1,333			
Strongly disagree	26	5.0	84	11.0	0.002	45	5.4	192	14.4	0.000	0.504
Disagree	129	24.7	213	27.8	N/A	178	21.3	306	23.0	N/A	N/A
Agree	223	42.6	279	36.5		408	48.9	491	36.8		
Strongly agree	84	16.1	181	23.7		124	14.9	311	23.3		
Don't know	61	11.7	8	1.0		80	9.6	33	2.5		
Disagree + strongly disagree	155	29.6	297	38.8	0.003	223	26.7	498	37.4	0.000	0.669

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among mothers of children under two											
How strongly do you agree or disagree that feeding a child over 6 months old a diverse diet is important for the health of mothers and/or children?	N=1,685		N=2,262			N=1,737		N=3,055			
Strongly disagree	71	4.2	74	3.3	N/A	49	2.8	165	5.4	N/A	N/A
Disagree	398	23.6	393	17.4		319	18.4	550	18.0		
Agree	799	47.4	947	41.9		1,013	58.3	1,297	42.5		
Strongly agree	317	18.8	830	36.7	0.000	300	17.3	1,040	34.0	0.000	0.943
Don't know	100	5.9	18	0.8	N/A	56	3.2	3	0.1	N/A	N/A
Agree + strongly agree	1,116	66.2	1,777	78.6	0.000	1,313	75.6	2,337	76.5	0.641	0.000
How strongly do you agree or disagree that waiting to feed animal protein to a child is one year old is important for the health of mothers and/or children?	N=1,687		N=2,262			N=1,737		N=3,055			
Strongly disagree	91	5.4	281	12.4	0.000	86	5.0	355	11.6	0.000	0.957
Disagree	423	25.1	585	25.9	N/A	365	21.0	732	24.0	N/A	N/A
Agree	775	45.9	838	37.0		932	53.7	1,208	39.5		
Strongly agree	293	17.4	535	23.7		252	14.5	714	23.4		
Don't know	105	6.2	23	1.0		102	5.9	46	1.5		
Disagree + strongly disagree	514	30.5	866	38.3	0.003	451	26.0	1,087	35.6	0.000	0.516

Table 61. Confidence* Related to Complementary Feeding, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
Confidence related being able to spend time talking and having a good and relaxing time with her child while feeding him/her.	N=513		N=765			N=816		N=1,333			
Very uncertain	174	33.9	4	0.5	N/A	259	31.7	7	0.5	N/A	N/A
Uncertain	282	55.0	64	8.4		489	59.9	98	7.4		
Confident	47	9.2	345	45.1		45	5.5	611	45.8		
Very confident	10	1.9	343	44.8	0.000	23	2.8	605	45.4	0.000	0.430
Don't know	0	0.0	9	1.2	N/A	0	0.0	12	0.9	N/A	N/A
Among mothers of children under two											
Confidence related being able to spend time talking and having a good and relaxing time with her child while feeding him/her.	N=1,670		N=2,262			N=1,721		N=3,055			
Very uncertain	538	32.2	16	0.7	N/A	500	29.1	15	0.5	N/A	N/A
Uncertain	937	56.1	178	7.9		1,106	64.3	188	6.2		
Confident	169	10.1	1,010	44.7		97	5.6	1,455	47.6		
Very confident	26	1.6	1,050	46.4	0.000	18	1.0	1,396	45.7	0.000	0.276
Don't know	0	0.0	8	0.4	N/A	0	0.0	1	0.0	N/A	N/A

* The confidence variables below have been generated using questions from different modules in order to look at confidence to perform certain behaviors across all women. For women pregnant at the time of the survey, confidence questions from Module 3 were used. For caregivers, questions from module 4 were used. If a woman was pregnant AND a caregiver at the time of the survey, responses from Module 3 confidence questions were used.

Table 62. Liquids Consumed by Children 6-23 Months Old in the Previous Day, by Location and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Which of the following liquids did you feed your child yesterday during the day or at night?*	N=1,194		N=1,612			N=1,184		N=2,178			
Plain water	1,134	92.6	1,442	89.5	0.030	1,170	97.5	1,988	91.1	0.000	0.859
Infant formula (Nursie or Guigoz)	107	9.0	118	7.3	0.295	39	3.3	64	2.9	0.671	0.827
Milk (tinned, powdered or fresh animal milk)	193	15.9	123	7.6	0.000	105	8.8	89	4.1	0.000	0.616
Thin porridge	154	12.6	435	27.0	0.000	474	39.5	843	38.7	0.734	0.000
Soft drinks	133	10.9	256	15.9	0.002	146	12.3	173	7.9	0.006	0.000
Juice, broth, yogurt, or any other liquids^	453	41.4	883	55.2	0.000	634	56.1	1,214	55.9	0.940	0.004
Any liquid other than breastmilk	1,159	95.2	1,537	95.3	0.900	1,180	98.3	2,087	95.8	0.002	0.468

* The total N varied slightly for each item. The N presented is the minimum, with the exception of "Juice, broth, yogurt, or any other liquids".

^Baseline N-values are 1,093 (Kajuru) and 1,130 (Kauru). Endline N-values are 1,601 (Kajuru) and 2,172 (Kauru).

Table 63. Foods Consumed by Children 6-23 Months Old in the Previous Day, by Location and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among children 6-23 months old, solid, semi-solid, or soft foods consumed the previous day*	N=1,193		N=1,612			N=1,187		N=2,182			
Porridge, bread, rice, noodles, or other foods made from grains	870	72.0	1,257	78.0	0.001	1,007	84.3	1,817	83.3	0.493	0.052
White potatoes, white yams, manioc, cassava, or other foods made from roots	405	33.6	241	15.0	0.000	391	32.8	217	9.9	0.000	0.010
Pumpkin, carrots, squash, or sweet potatoes that are yellow or orange inside	133	11.0	164	10.2	0.547	192	16.1	169	7.7	0.000	0.001
Any dark green leafy vegetables	339	28.1	221	13.7	0.000	475	39.7	340	15.6	0.000	0.060

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Ripe mangoes or ripe papayas	36	3.0	31	1.9	0.114	69	5.8	32	1.5	0.000	0.007
Any other fruits or vegetables (e.g. watermelon and cucumber)	169	14.1	75	4.7	0.000	144	12.1	38	1.7	0.000	0.003
Liver, kidney, heart or other organ meats	91	7.6	56	3.5	0.000	38	3.2	35	1.6	0.010	0.821
Any meat, such as beef, pork, lamb, goat, chicken, or duck	162	13.5	128	7.9	0.000	60	5.0	81	3.7	0.098	0.310
Fresh or dried fish, shellfish, or seafood	170	14.2	84	5.2	0.000	197	16.5	137	6.3	0.000	0.922
Eggs (including guinea fowl eggs)	113	9.4	49	3.0	0.000	74	6.2	53	2.4	0.000	0.683
Cheese, yogurt, or other milk products	129	10.7	49	3.0	0.000	101	8.5	60	2.7	0.000	0.631
Any foods made from beans, peas, soya beans, soya meat, lentils, nuts, groundnuts, groundnut butter, or seeds	447	37.1	360	22.3	0.000	590	49.3	477	21.9	0.000	0.003
Any oil such as palm oil, groundnut oil, vegetable oil, fats, shea butter, or foods made with any of these	463	38.5	329	20.4	0.000	665	55.7	550	25.2	0.000	N/A
Any sugary foods such as chocolates, sweets, candies, pastries, honey, cakes, or biscuits	118	9.8	161	10.0	0.892	121	10.1	192	8.8	0.397	N/A
Condiments for flavor such as chilies, spices, herbs or fish powder	52	4.3	71	4.4	0.926	127	10.6	344	15.8	0.033	N/A
Grubs, snails or insects	7	0.6	0	0.0	0.001	6	0.5	4	0.2	0.100	N/A
Other foods^	110	11.0	74	4.6	0.000	14	1.4	110	5.0	0.000	0.000
Any vitamin A-rich foods (pumpkin, mangoes, etc.)	N=1,193		N=1,612			N=1,191		N=2,182			
No	1,044	87.5	1,425	88.4	0.567	947	79.5	1,986	91.0	0.000	0.000
Yes	149	12.5	187	11.6		244	20.5	196	9.0		
Any iron-rich foods (flesh foods including meat, organ meats, and fish)	N=1,195		N=1,612			N=1,189		N=2,182			
No	893	74.7	1,380	85.6	0.000	942	79.2	1,955	89.6	0.000	0.500
Yes	302	25.3	232	14.4		247	20.8	227	10.4		

* The total N varied slightly for each item. The N presented is the minimum, with the exception of "other foods".

^ Baseline N-values are 998 (Kajuru) and 970 (Kauru). Endline N-values remain 1,612 (Kajuru) and 2,182 (Kauru).

Table 64. Minimum Dietary Diversity Among Children 6-23 Months Old, by Child's Age, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	%		n	%	n	%		
Minimum Dietary Diversity, by age group											
Among children ages 6-11 months	N=436		N=624		0.000	N=452		N=875		0.000	0.015
	55	12.6	24	3.8		72	15.9	17	1.9		
Among children ages 12-17 months	N=401		N=555		0.000	N=483		N=791		0.000	0.103
	117	29.2	55	9.9		112	23.2	37	4.7		
Among children ages 18-23 months	N=297		N=428		0.000	N=207		N=510		0.000	0.993
	104	35.0	41	9.6		60	29	38	7.5		
Among children ages 6-23 months	N=1,134		N=1,607		0.000	N=1,142		N=2,176		0.000	0.071
	276	24.3	120	7.5		244	21.4	92	4.2		
Among children ages 6-23 months, food groups consumed*	N=1,168		N=1,608		.155	N=1,154		N=2,177		0.000	0.000
Grains roots and tubers	945	78.4	1,301	80.8		1,079	90.3	1,853	85.0		
Legumes and nuts children	447	37.1	360	22.3	0.000	590	49.3	477	21.9	0.000	0.001
Dairy products	362	31.0	313	19.5	0.000	260	22.5	250	11.5	0.000	0.324
Flesh foods	302	25.3	232	14.4	0.000	247	20.8	227	10.4	0.000	0.521
Eggs	113	9.4	49	3.0	0.000	74	6.2	53	2.4	0.000	0.478
Vitamin A-rich fruits and vegetables	416	34.7	378	23.4	0.000	551	46.1	507	23.2	0.000	0.001
Other fruits and vegetables	169	14.1	75	4.7	0.000	144	12.1	38	1.7	0.000	0.003

* N's for various food groups range between 1,168 and 1,206 at baseline in Kajuru, between 1,608 and 1,612 at endline in Kajuru, between 1,154 and 1,196 at baseline in Kauru, and between 2,177 and 2,182 at endline in Kauru.

Table 65. Consumption of a Four Star Diet Among Children 6-23 Months Old, by Child's Age, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Consumed a "Four Star Diet"	N=1,149		N=1,607		0.000	N=1,154		N=2,176		0.000	0.004
	167	14.5	72	4.5		201	17.4	55	2.5		
Food groups consumed*	N=1,169		N=1,608		0.000	N=1,155		N=2,177		0.000	0.398
Meat, dairy, eggs	539	46.1	497	30.9		434	37.6	441	20.3		

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Grains, roots, and tubers	945	78.4	1302	80.8	0.145	1079	90.3	1853	85.0	0.000	0.013
Legumes and seeds	447	37.1	360	22.3	0.000	590	49.3	477	21.9	0.000	0.003
Fruits and vegetables	479	40.0	428	26.6	0.000	574	48.1	527	24.2	0.000	0.005

* N's for various food groups range between 1,169 and 1,206 at baseline in Kajuru, between 1,608 and 1,612 at endline in Kajuru, between 1,155 and 1,196 at baseline in Kauru, and between 2,177 and 2,182 at endline in Kauru.

Table 66. Minimum Meal Frequency Among Children 6-23 Months Old, by Child's Age, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Minimum meal frequency among children, by age in months	N=391		N=609			N=424		N=838			
6-11	162	41.4	245	40.2	0.739	206	48.6	278	33.2	0.000	0.003
	N=375		N=551			N=484		N=767			
12-17	166	44.3	252	45.7	0.683	237	49.0	286	37.3	0.000	0.006
	N=272		N=420			N=210		N=494			
18-23	117	43.0	192	45.7	0.508	107	51.0	195	39.5	0.013	0.021
	N=1,038		N=1,580			N=1,118		N=2,099			
6-23	445	42.9	689	43.6	0.752	550	49.2	759	36.2	0.000	0.000
Minimum meal frequency among breastfed children, by age in months	N=873		N=1,315			N=1,027		N=1,886			
6-23	390	44.7	591	44.9	0.915	518	50.4	697	37.0	0.000	0.000
Minimum meal frequency among non-breastfed children, by age in months	N=165		N=265			N=91		N=213			
6-23	55	33.3	98	37.0	0.455	32	35.2	62	29.1	0.323	.216

Table 67. Minimum Acceptable Diet Among Children 6-23 Months Old, by Child's Age, Location, and Time Point

Minimum acceptable diet (MAD)	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among children 6-11 months old	N=462		N=622		0.084	N=464		N=858		0.000	0.182
	184	39.8	212	34.1		199	42.9	267	31.1		
Among children 12-17 months old	N=420		N=553		0.586	N=502		N=769		0.036	0.351
	167	39.8	209	37.8		206	41.0	267	34.7		
Among children 18-23 months old	N=295		N=421		0.004	N=213		N=495		0.010	0.806
	96	32.5	99	23.5		81	38.0	133	26.9		
Among children 6-23 months old	N=1177		N=1596		0.012	N=1179		N=2122		0.000	0.157
	447	38.0	520	32.6		486	41.2	667	31.4		

Table 68. Age-Appropriate Feeding Among Children Under Two Years of Age, by Location and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Age-appropriate breastfeeding: Among children 0–23 months of age, percentage who are appropriately breastfed	N=1,760		N=2,343		0.000	N=1,783		N=3,126		0.065	0.000
No	1,025	58.2	1,068	45.6		865	48.5	1,630	52.1		
Yes	735	41.8	1,275	54.4		918	51.5	1,496	47.9		

Table 69. Consumption of Iron-rich Foods among Children 6-23 Months Old, by Location and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Consumption of iron-rich or iron-fortified foods: Among children 6-23 months of age, percentage who received an iron-rich food or a food that was specially designed for infants and young children and was fortified with iron, or a food that was fortified in the home with a product that included iron during the previous day	N=1,147		N=1,603			N=1,185		N=2,169			
No	586	51.1	1,124	70.1	0.000	791	66.8	1,747	80.5	0.000	0.600
Yes	561	48.9	1,603	29.9		394	33.2	422	19.5		

Knowledge, Attitudes, and Practices: WASH Practices

Table 70. Knowledge and Attitudes about Sanitation and Hygiene Practices, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
How strongly do you agree or disagree that washing hands with soap before eating is important for the health of mothers and/or children?	N=521		N=765			N=835		N=1,333			
Strongly disagree	14	2.7	11	1.3	N/A	0	0.0	0	0.0	N/A	N/A
Disagree	9	1.7	26	3.1		3	0.4	4	0.3		
Agree	290	55.7	534	64.0		225	29.4	482	36.2		
Strongly agree	192	36.9	253	30.3	0.000	536	70.1	845	63.4	0.000	0.974
Don't know	16	3.1	11	1.3	N/A	1	0.1	2	0.2	N/A	N/A
Agree + strongly agree	482	92.5	761	99.5	0.000	787	94.3	1,327	99.5	0.000	0.853

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
How strongly do you agree or disagree that washing hands with soap before preparing food or cooking is important for the health of mothers and/or children?	N=523		N=765			N=836		N=1,333			
Strongly disagree	9	1.7	0	0.0	N/A	7	0.8	0	0.0	N/A	N/A
Disagree	17	3.3	3	0.4		28	3.3	5	0.4		
Agree	312	59.7	218	28.5		545	65.2	458	34.4		
Strongly agree	166	31.7	543	71.0	0.000	247	29.5	869	65.2	0.000	0.463
Don't know	19	3.6	1	0.1	N/A	9	1.1	1	0.1	N/A	N/A
Agree + strongly agree	478	91.4	761	99.5	0.000	792	94.7	1,327	99.5	0.000	0.617
How strongly do you agree or disagree that washing hands with soap before feeding a child is important for the health of mothers and/or children?	N=522		N=765			N=834		N=1,333			
Strongly disagree	12	2.3	0	0.0	N/A	6	0.7	0	0.0	N/A	N/A
Disagree	9	1.7	2	0.3		34	4.1	4	0.3		
Agree	313	60.0	215	28.1		520	62.4	432	32.4		
Strongly agree	170	32.6	547	71.5	0.000	254	30.5	895	67.1	0.000	0.639
Don't know	18	3.4	1	0.1	N/A	20	2.4	2	0.2	N/A	N/A
Agree + strongly agree	483	92.5	762	99.6	0.000	774	92.8	1,327	99.5	0.000	0.814
How strongly do you agree or disagree that keeping animals outside of the living area is important for the health of mothers and/or children?	N=519		N=765			N=835		N=1,333			
Strongly disagree	24	4.6	7	0.9	N/A	10	1.2	1	0.1	N/A	N/A
Disagree	27	5.2	26	3.4		26	3.1	21	1.6		
Agree	288	55.5	254	33.2		509	61.0	518	38.9		
Strongly agree	168	32.4	476	62.2	0.000	267	32.0	783	58.7	0.000	0.573
Don't know	12	2.3	2	0.3	N/A	23	2.8	10	0.8	N/A	N/A
Agree + strongly agree	456	87.9	730	95.4	0.000	776	92.9	1,301	97.6	0.000	0.844

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among mothers of children under two											
How strongly do you agree or disagree that washing hands with soap before eating is important for the health of mothers and/or children?	N=1,679		N=2,262			N=1,736		N=3,055			
Strongly disagree	46	2.7	1	0.0	N/A	18	1.0	0	0.0	N/A	N/A
Disagree	50	3.0	8	0.4		37	2.1	19	0.6		
Agree	940	56.0	651	28.8		1,196	68.9	1,130	37.0		
Strongly agree	605	36.0	1,598	70.6	0.000	473	27.2	1,906	62.4	0.000	0.847
Don't know	38	2.3	4	0.2	N/A	12	0.7	1	0.0	N/A	N/A
Agree + strongly agree	1,545	92	2,249	99.4	0.000	1,669	96.1	3,036	99.4	0.000	0.049
How strongly do you agree or disagree that washing hands with soap before preparing food or cooking is important for the health of mothers and/or children?	N=1,687		N=2,262			N=1,737		N=3,055			
Strongly disagree	46	2.7	0	0.0	N/A	13	0.7	0	0.0	N/A	N/A
Disagree	64	3.8	5	0.2		44	2.5	16	0.5		
Agree	924	54.8	665	29.4		1,193	68.7	1,076	35.2		
Strongly agree	612	36.3	1,590	70.3	0.000	476	27.4	1,959	64.1	0.000	0.847
Don't know	41	2.4	2	0.1	N/A	11	0.6	4	0.1	N/A	N/A
Agree + strongly agree	1,536	91.0	2,255	99.7	0.000	1,669	96.1	3,035	99.3	0.000	0.001
How strongly do you agree or disagree that washing hands with soap before feeding a child is important for the health of mothers and/or children?	N=1,687		N=2,262			N=1,736		N=3,055			
Strongly disagree	46	2.7	0	0.0	N/A	10	0.6	0	0.0	N/A	N/A
Disagree	53	3.1	6	0.3		43	2.5	16	0.5		
Agree	937	55.5	620	27.4		1,194	68.8	1,029	33.79		
Strongly agree	612	36.3	1,633	72.2	0.000	477	27.5	2,009	65.8	0.000	0.582
Don't know	39	2.3	3	0.1	N/A	12	0.7	1	0.0	N/A	N/A
Agree + strongly agree	1,549	91.8	2,253	99.6	0.000	1,671	96.3	3,038	99.4	0.000	0.019

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
How strongly do you agree or disagree that keeping animals outside of the living area is important for the health of mothers and/or children?	N=1,679		N=2,262			N=1,735		N=3,055			
Strongly disagree	64	3.8	21	0.9	N/A	7	0.4	2	0.1	N/A	N/A
Disagree	59	3.5	52	2.3		42	2.4	55	1.8		
Agree	928	55.3	771	34.1		1,166	67.2	1,181	38.7		
Strongly agree	596	35.5	1,410	62.3	0.000	494	28.5	1,799	58.9	0.000	0.339
Don't know	32	1.9	8	0.4	N/A	26	1.5	18	0.6	N/A	N/A
Agree + strongly agree	1,524	90.8	2,181	96.4	0.000	1,660	95.7	2,980	97.5	0.001	0.107

Table 71. Handwashing Practices, by Type of Respondent, Location, and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Among pregnant women											
Does respondent have soap that can be used for washing hands in your household?	N=524		N=825			N=765		N=1,333			
No	98	18.7	109	14.2	0.104	227	27.5	147	11.0	0.121	0.003
Yes	426	81.3	656	85.8		598	72.5	1,186	89.0		
Did respondent use soap during the previous day?	N=529		N=729			N=838		N=1,305			
No	8	1.5	21	2.9	0.114	13	1.6	38	2.9	0.121	0.980
Yes	521	98.5	708	97.1		825	98.4	1,267	97.1		
Reason(s) why respondent used soap during the previous day*	N=536		N=708			N=841		N=1,267			
Wash children's hands	19	3.5	13	1.8	0.065	19	2.3	10	0.8	0.015	0.503
Wash hands after defecating	18	3.4	23	3.2	0.924	53	6.3	40	3.2	0.008	0.129
Wash hands after cleaning child	17	3.2	11	1.6	0.082	11	1.3	2	0.2	0.001	0.095
Wash hands after handling animal dung	10	1.9	7	1.0	0.167	8	1.0	6	0.5	0.209	0.937

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Wash hands before feeding child	8	1.5	21	3.0	0.092	5	0.6	9	0.7	0.749	0.456
Wash hands before preparing food	34	6.3	37	5.2	0.522	20	2.4	48	3.8	0.142	0.135
Wash hands before eating	65	12.1	45	6.4	0.005	53	6.3	50	3.9	0.054	0.546
Among mothers of children under two											
Does respondent have soap that can be used for washing hands in your household?	N=1,680		N=2,262			N=1,725		N=3,055			
No	336	20.0	355	15.7	0.030	423	24.5	373	12.2	0.000	0.007
Yes	1,344	80.0	1,907	84.3		1,302	75.5	2,682	87.8		
Did respondent use soap during the previous day?	N=1,698		N=2,162			N=1,752		N=3,016			
No	22	1.3	55	2.5	0.018	25	1.4	80	2.7	0.044	0.899
Yes	1,676	98.7	2,107	97.5		1,727	98.6	2,936	97.3		
Reason(s) why respondent used soap during the previous day*	N=1,714		N=2,107			N=1,758		N=2,936			
Wash children's hands	82	4.8	80	3.8	0.251	42	2.4	40	1.4	0.022	0.313
Wash hands after defecating	45	2.6	65	3.1	0.487	138	7.8	76	2.6	0.000	0.000
Wash hands after cleaning child	62	3.6	66	3.1	0.421	35	2.0	17	0.6	0.000	0.002
Wash hands after handling animal dung	31	1.8	33	1.6	0.599	14	0.8	11	0.4	0.073	0.233
Wash hands before feeding child	63	3.7	71	3.4	0.653	26	1.5	75	2.6	0.095	0.099
Wash hands before preparing food	84	4.9	95	4.5	0.681	40	2.3	117	4.0	0.037	0.058
Wash hands before eating	195	11.4	119	5.6	0.000	107	6.1	96	3.3	0.003	0.698

* Percentages total more than 100 because multiple responses were allowed.

Nutritional Status

Table 72. Nutritional Status of Children Under 2 Years, by Location and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Height-for-age	N=260		N=2,200			N=317		N=2,956			
< -3SD (severely stunted)	21	8.1	238	10.8	NA	53	16.7	580	19.6	NA	NA
> -3SD & < -2SD (moderately stunted)	27	10.4	391	17.8	NA	92	29.0	703	23.8	NA	NA
> -2SD & < -1SD (marginally stunted)	56	21.5	601	27.3	NA	78	24.6	810	27.4	NA	NA
≥ -1SD	156	60.0	970	44.1	NA	94	29.7	863	29.2	NA	NA
< -2SD* (moderately or severely stunted)	48	18.5	629	28.6	0.001	145	45.7	1,283	43.4	0.506	0.003
Mean Z-score (SD)	-0.51 (1.9)		-1.2 (1.6)		0.000	-1.64 (1.8)		-1.76 (1.6)		0.000	0.006
Weight-for-age	N=261		N=2,200			N=318		N=2,956			
< -3SD (severely underweight)	14	5.4	127	5.8	NA	28	8.8	311	10.5	NA	NA
> -3SD & < -2SD (moderately underweight)	25	9.6	260	11.8	NA	62	19.5	543	18.4	NA	NA
> -2SD & < -1SD (marginally underweight)	49	18.8	626	28.5	NA	105	33.0	939	31.8	NA	NA
≥ -1SD	173	66.3	1187	54.0	NA	123	38.7	1163	39.3	NA	NA
< -2SD* (moderately or severely underweight)	39	14.9	387	17.6	0.308	90	28.3	854	28.9	0.814	0.464
Mean Z-score (SD)	-0.51 (1.5)		-0.92 (1.3)		0.000	-1.3 (1.3)		-1.4 (1.3)		0.215	0.019
Weight-for-height	N=260		N=2,192			N=315		N=2,945			
< -3SD (severely wasted)	10	3.9	55	2.5	NA	9	2.9	111	3.8	NA	NA
> -3SD & < -2SD (moderately wasted)	11	4.2	152	6.9	NA	29	9.2	233	7.9	NA	NA
> -2SD & < -1SD (marginally wasted)	51	19.6	418	19.1	NA	71	22.5	630	21.4	NA	NA
≥ -1SD	188	72.3	1,567	71.5	NA	206	65.4	1,971	66.9	NA	NA
< -2SD* (moderately or severely wasted)	21	8.1	207	9.4	0.509	38	12.1	344	11.7	0.886	0.568
Mean Z-score (SD)	-0.40 (1.3)		-0.34 (1.3)		0.489	-0.45 (1.4)		-0.48 (1.4)		0.705	0.488
Height (cm)	N=260		N=2,200			N=317		N=2,956			
Mean height in centimeters (SD)	70.0 (7.25)		68.7 (8.87)		0.020	66.5 (8.5)		67.2 (8.3)		0.156	0.012
Weight (kg)	N=261		N=2,200			N=318		N=2,956			
Mean weight in kilograms (SD)	8.0 (1.8)		7.7 (2.1)		0.018	7.2 (2.1)		7.3 (1.9)		0.380	0.034

* This includes children who are below -3SD.

Table 73. Nutritional Status of Women, by Location and Time Point

	Kajuru					Kauru					DID (P)
	Baseline		Endline		Diff (p)	Baseline		Endline		Diff (p)	
	n	%	n	n		n	%	n	%		
Height	N=462		N=2,283			N=522		N=3,047			
< 145 cm	26	5.6	112	4.9	0.616	48	9.2	108	3.5	0.000	0.014
≥ 145 cm	436	94.4	2,171	95.1		474	90.8	2,939	96.5		
Mean height in inches (SD)	152.6 (24.0)		156.1 (7.1)		0.000	160.1 (61.6)		155.3 (6.0)		0.000	0.091
Body Mass Index*	N=345		N=1,997			N=365		N=2,550			
<16.0 (severely thin)	1	0.3	6	0.3	NA	18	4.9	18	0.7	NA	NA
16.0 -16.9 (moderately thin)	1	0.3	25	1.3	NA	5	1.4	46	1.8	NA	NA
17.0-18.4 (mildly thin)	10	2.9	92	4.6	NA	26	7.1	138	5.4	NA	NA
18.5-24.9 (total normal)	273	79.1	1522	76.2	0.000	239	65.5	2013	78.9	0.000	0.000
25.0-29.9 (overweight)	45	13	301	15.1	NA	60	16.4	283	11.1	NA	NA
≥30.0 (obese)	15	4.3	17	4.7	NA	51	2.6	52	2.0	NA	NA
<18.5 (total thin)	12	3.5	123	6.2	0.066	49	13.4	202	7.9	0.024	0.005
≥25.0 (total overweight or obese)	60	17.4	352	17.6	0.935	77	21.1	335	13.1	0.001	0.026
Mean BMI (SD)	22.9 (3.8)		22.6 (3.4)		0.216	22.2 (4.8)		22.0 (3.1)		0.234	0.961

* This excludes pregnant women and women with a birth in the preceding two months.



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