

Appendix 2.

Supportive table 1: The unweighted percent distribution of children under the age of five, as well as mother and household characteristics, from the Ethiopian Demographic and Health Surveys of 2005, 2011, 2016, and 2019.

Characteristics		2005(n=3,476)	2011(n=9,013)	2016(n=8,567)	2019(n=4,992)	
		Number (%)	Number (%)	Number (%)	Number (%)	
Sex	male	1,764(50.75)	4,597 (51.00)	4,361(50.90)	2,556 (51.20)	
	Female	1,712(49.25)	4,416 (49.00)	4,206(49.10)	2,436(48.80)	
Age of child	=<2	2,011(57.85)	5,225(57.97)	5,195 (60.64)	2,989(59.88)	
	>2	1,465(42.15)	3,788 (42.03)	3,372 (39.36)	2,003(40.12)	
Residence	urban	432(12.43)	1,407(15.61)	1,553(18.13)	1,142(22.88)	
	Rural	3,044(87.57)	7,606 (84.39)	7,014(81.87)	3,850(77.12)	
Region	Tigray	399(11.48)	1,017(11.28)	898(10.48)	425(8.51)	
	Affar	171(4.92)	850(9.43)	807(9.42)	559(11.20)	
	Amhara	463(13.32)	961(10.66)	853(9.96)	458(9.17)	
	Oromiya	727(20.91)	1,438(15.95)	1,335(15.58)	628(12.58)	
	Somali	191(5.49)	698(7.74)	1,135(13.25)	537(10.76)	
	Benishangul-gumuz	274(7.88)	786(8.72)	713(8.32)	448(8.97)	
	SNNP	653(18.79)	1,310(14.53)	1,076(12.56)	589(11.80)	
	Gambela	162(4.66)	644(7.15)	550(6.42)	377(7.55)	
	Harari	165(4.75)	458(5.08)	442(5.16)	375(7.51)	
	Addis Ababa	125(3.60)	300(3.33)	381(4.45)	254(5.09)	
	Dire Dawa	146(4.20)	551(6.11)	377(4.40)	342(6.85)	
	Respondents highest educational level	No education	2,656(76.41)	6,297(69.87)	5,484(64.01)	2,756(55.21)
		primary	577(16.60)	2,301(25.53)	2,204(25.73)	1,552(31.09)
secondary		216(6.21)	282(3.13)	575(6.71)	422(8.45)	
Higher		27(0.78)	133(1.48)	304(3.55)	262(5.25)	

Water source	Improved	3,044(87.57)	4,523 (50.18)	5,156(60.18)	3,105(62.20)
	Unimproved	432(12.43)	4,490(49.82)	3,411(39.82)	1,887(37.80)
Type of toilet facility	Open defecation	2,278(65.54)	4,635(51.43)	3,738(43.63)	2,074 (41.55)
	Unimproved	862(24.80)	2,973 (32.99)	3,382(39.48)	1,885(37.76)
	Improved	332(9.55)	1,393(15.46)	1,412(16.48)	1,018(20.39)
	Others	4 (0.12)	12(0.13)	35(0.41)	15 (0.30)
Early initiation	Yes	2,403(70.04)	5,010 (55.59)	6,047(70.58)	2,707(73.54)
	No	1,028(29.96)	4,003(44.41)	2,520(29.42)	974(26.46)
Duration of breastfeeding	ever breastfed, not currently	1,773(51.01)	4,841(53.71)	4,499(52.52)	2,679(53.67)
	never breast fed	61(1.75)	141(1.56)	329 (3.84)	209(4.19)
	still breastfeeding	1,642(47.24)	4,031(44.72)	3,739 (43.64)	2,104(42.15)
ANC follow up	No	1,540(66.21)	3,423 (55.40)	1,982(33.27)	895(25.36)
	Yes	786(33.79)	2,756 (44.60)	3,975(66.73)	2,634(74.64)
Wealth index	Poorest	876(25.20)	2,806 (31.13)	3,091(36.08)	1,670(33.45)
	Poorer	658(18.93)	1,666 (18.48)	1,497(17.47)	882(17.67)
	Middle	659(18.96)	1,493 (16.56)	1,237(14.44)	704(14.10)
	Richer	626(18.01)	1,486 (16.49)	1,087(12.69)	655(13.12)
	Richest	657(18.90)	1,562 (17.33)	1,655(19.32)	1,081(21.65)
Anemia	sever	56 (1.61)	106 (1.18)	138 (1.64)	-
	Moderate	323 (9.3)	562 (6.24)	824 (9.8)	-
	Mild	673 (19.4)	1,515(16.81)	1,982 (23.51)	-
	Not anemic	2,424 (69.7)	6,830 (75.78)	5,486 (65.08)	-
Mean age of children in month		29.95	29.64	28.66	28.96