

Annex: Ethiopia quantitative data results: key outcome statistics

Table 1: Sample Description - Ethiopia		
Subgroup	N	Percent
Young Cohort (age 9-14)	4317	61%
Old Cohort (age 15-21)	2759	39%
Girls	4088	58%
Boys	2988	42%
Rural	5539	78%
East Hararghe	2255	32%
South Gonder	2482	35%
Afar	802	11%
Urban	1537	22%
Dire Dawa	752	11%
Debre Tabor	785	11%
Total Sample	7076	100%
Subpopulations of interest		
Adolescents with a functional disability	288	4%
Ever-married (among girls age 15 and older only, n=1,646)	829	50%

Note: This table presents variables drawn from the GAGE Ethiopia Midline survey, conducted in late 2019 and early 2020. The sample included 7,076 adolescents ages 9-21 at the time of the midline survey and 7,174 adult female caregivers of these adolescents, representing 7,212 total households.

Table 2: Key Outcome Statistics - Ethiopia

	Overall	Cohort			Gender			Location			Disability Status			Marital status among girls (age 15 and older)		
		Age 9-14	Age 15-21	p-value ⁴	Boys	Girls	p-value ⁵	Rural	Urban	p-value ⁶	With a disability	Without a disability	p-value ⁷	Ever-married	Never married	p-value ⁸
Education																
Adolescents currently enrolled in formal school	0.707	0.825	0.523	0.000	0.774	0.658	0.000	0.665	0.861	0.000	0.559	0.714	0.000	0.171	0.726	0.000
Percentage of days missed in last 2 weeks (among in-school students)	0.101	0.103	0.096	0.076	0.100	0.101	0.967	0.114	0.064	0.000	0.113	0.100	0.418	0.126	0.077	0.011
Adolescents who missed 1 whole week consecutive of school or more in last year (among in-school students)	0.099	0.091	0.120	0.008	0.101	0.098	0.658	0.099	0.101	0.465	0.134	0.098	0.311	0.149	0.087	0.002
Education during COVID-19¹ - Urban Only																
Percentage of in-school adolescents whose school provided learning support during school closures	0.276	0.296	0.260	0.073	0.254	0.294	0.054	--	--	--	0.128	0.282	0.037	0.250	0.279	0.749
Percentage of students whose school provided learning support that offered online learning	0.307	0.180	0.415	0.002	0.279	0.327	0.262	--	--	--	0.400	0.305	0.573	0.571	0.423	0.215
Percentage of in-school adolescents whose family is providing support for learning during school closures	0.585	0.677	0.515	0.000	0.635	0.542	0.147	--	--	--	0.538	0.587	0.899	0.185	0.518	0.000
Percentage of in-school adolescents with family support whose family is providing a device with internet access for learning	0.098	0.061	0.136	0.003	0.134	0.064	0.003	--	--	--	0.000	0.102	0.000	0.200	0.103	0.543

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Violence																
Adolescents who have experienced violence at home in the last 12 months	0.445	0.470	0.403	0.000	0.519	0.389	0.000	0.422	0.524	0.000	0.430	0.445	0.719	0.275	0.425	0.000
Adolescents who have experienced or witnessed violence at home in the last 12 months	0.486	0.503	0.455	0.000	0.553	0.435	0.000	0.462	0.572	0.000	0.496	0.485	0.853	0.327	0.482	0.000
Adolescents who have experienced violence at school (i.e., corporal punishment, among in-school students only)	0.399	0.449	0.274	0.000	0.488	0.322	0.000	0.411	0.365	0.817	0.355	0.400	0.482	0.220	0.206	0.653
Adolescents who feel safe walking in community during the day	0.906	0.909	0.901	0.250	0.910	0.903	0.545	0.905	0.909	0.574	0.819	0.909	0.000	0.903	0.890	0.239
Adolescents who feel safe walking in community at night	0.433	0.407	0.475	0.001	0.529	0.363	0.000	0.451	0.370	0.002	0.351	0.436	0.011	0.414	0.386	0.288
Adolescent knows where to seek support after being hit	0.504	0.460	0.573	0.000	0.607	0.429	0.000	0.435	0.753	0.000	0.319	0.512	0.000	0.474	0.545	0.602
Female adolescents who have experienced FGM/C (among girls only, as reported by the adolescent herself if age 15 and older or by their adult female caregiver if younger than age 15)	0.516	0.492	0.552	0.014	--	--	--	0.565	0.310	0.000	0.483	0.517	0.859	0.673	0.434	0.000

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Health																
Adolescents self-reporting good or very good health	0.884	0.897	0.865	0.000	0.899	0.874	0.005	0.890	0.864	0.131	0.416	0.904	0.000	0.872	0.838	0.055
Adolescents who experienced hunger in that last four weeks	0.185	0.162	0.220	0.000	0.224	0.156	0.000	0.177	0.211	0.501	0.319	0.179	0.000	0.212	0.170	0.029
Adolescent can correctly name a modern method of birth control (among adolescents age 15+ in all regions and age <15 in rural regions)	0.499	0.393	0.643	0.000	0.481	0.512	0.061	0.446	0.821	0.000	0.328	0.506	0.000	0.706	0.606	0.000
Adolescent has a source of information about puberty	0.793	0.757	0.851	0.000	0.802	0.787	0.586	0.755	0.933	0.000	0.572	0.802	0.000	0.834	0.858	0.167

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PSS																
GHQ-12 Score (0-12)	1.102	0.974	1.301	0.000	1.173	1.050	0.119	1.022	1.390	0.008	2.382	1.047	0.000	1.248	1.204	0.048
Adolescents suffering from psychological distress (based on GHQ-12 score)	0.094	0.077	0.120	0.000	0.100	0.089	0.386	0.083	0.133	0.015	0.271	0.086	0.000	0.115	0.114	0.129
Adolescent has a trusted friend	0.642	0.634	0.655	0.083	0.654	0.634	0.487	0.623	0.711	0.000	0.425	0.651	0.000	0.577	0.685	0.001
Adolescent feels comfortable expressing opinion to friends	0.761	0.763	0.759	0.406	0.772	0.754	0.466	0.736	0.853	0.000	0.586	0.769	0.000	0.746	0.771	0.826
Adolescent is a member of a group (such as a club, religious class, etc.)	0.415	0.480	0.314	0.000	0.465	0.379	0.000	0.390	0.508	0.000	0.218	0.424	0.000	0.114	0.377	0.000
Adolescent participates in a physical sport	0.488	0.571	0.357	0.000	0.573	0.426	0.000	0.467	0.561	0.000	0.210	0.499	0.000	0.121	0.393	0.000

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Voice and Agency																
Adolescent leaves the community at least weekly ³	0.131	0.093	0.194	0.000	0.192	0.086	0.000	0.104	0.236	0.000	0.095	0.133	0.029	0.092	0.158	0.494
Adolescent has at least some say in time spent helping at home/doing housework	0.858	0.872	0.835	0.055	0.857	0.858	0.912	0.867	0.823	0.057	0.620	0.867	0.000	0.897	0.807	0.004
Adolescent has at least some say in what to do in this/her free time	0.689	0.705	0.664	0.362	0.714	0.671	0.054	0.679	0.725	0.028	0.483	0.698	0.000	0.713	0.580	0.000
Adolescent has at least some say in leaving the house	0.545	0.549	0.540	0.346	0.548	0.543	0.901	0.533	0.589	0.067	0.401	0.551	0.000	0.624	0.465	0.000
Adolescent has phone for own personal use	0.222	0.085	0.437	0.000	0.282	0.178	0.000	0.168	0.414	0.000	0.178	0.224	0.001	0.349	0.356	0.001
Adolescent has phone for own person use with internet	0.080	0.016	0.181	0.000	0.109	0.059	0.000	0.028	0.267	0.000	0.073	0.080	0.027	0.064	0.197	0.001
Adolescent has ever gone online/used internet	0.087	0.021	0.190	0.000	0.131	0.055	0.000	0.022	0.321	0.000	0.058	0.088	0.001	0.043	0.204	0.000

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Economic Empowerment																
Adolescent aspires to attain at least some secondary school	0.890	0.917	0.847	0.000	0.901	0.882	0.386	0.864	0.983	0.000	0.712	0.897	0.000	0.786	0.901	0.001
Adolescent aspires to attain at least some university education	0.044	0.055	0.028	0.012	0.039	0.048	0.222	0.053	0.013	0.000	0.053	0.044	0.537	0.043	0.027	0.248
Adolescent aspires to a professional occupation	0.692	0.820	0.488	0.000	0.692	0.692	0.370	0.694	0.684	0.000	0.632	0.694	0.163	0.260	0.679	0.000
Adolescent worked for pay (in last 12 months)	0.153	0.093	0.246	0.000	0.175	0.137	0.022	0.134	0.223	0.018	0.126	0.154	0.039	0.235	0.169	0.000
Household currently receives cash or food aid: PSNP *	0.266	0.302	0.214	0.000	0.281	0.255	0.000	0.314	0.096	0.000	0.354	0.262	0.001	0.165	0.223	0.000

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Menstrual Hygiene																
Percentage of in-school adolescents whose school has facilities for girls who are menstruating (among girls who have begun menstruation and are enrolled in school only)	0.308	0.304	0.317	0.005	--	--	--	0.255	0.477	0.000	0.229	0.310	0.022	0.243	0.335	0.043
Menstrual Hygiene during COVID-19²																
Adolescent faces the challenge of not enough soap or water for menstrual hygiene management (among girls who have begun menstruation)	0.198	0.168	0.218	0.000	--	--	--	0.304	0.120	0.000	0.308	0.193	0.087	0.313	0.158	0.146
Adolescent faces any challenge to menstrual hygiene management during the COVID-19 pandemic (among girls who have begun menstruation)	0.354	0.315	0.380	0.000	--	--	--	0.453	0.281	0.000	0.538	0.346	0.010	0.476	0.319	0.262

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Climate-Related⁹																
Household has piped water to own dwelling or yard *	0.171	0.113	0.262	0.579	0.183	0.162	0.153	0.012	0.737	0.000	0.177	0.171	0.558	0.147	0.360	0.854
Household needs to collect water from outside of own dwelling *	0.803	0.858	0.718	0.229	0.791	0.812	0.052	0.965	0.233	0.000	0.809	0.803	0.345	0.843	0.612	0.349
Average time needed to collect water (in minutes, where time is "0" minutes if water source is in own home/yard) *	40.403	41.188	39.190	0.122	40.171	40.573	0.194	51.019	3.053	0.000	34.283	40.659	0.300	43.844	34.084	0.125
Climate-Related during COVID-19¹ - Urban Only																
Household had difficulty collecting drinking water during COVID-19 pandemic*	0.468	0.420	0.499	0.001	0.488	0.449	0.216	--	--	--	0.484	0.467	0.422	0.475	0.499	0.594
Household had difficulty accessing water for handwashing during COVID-19 pandemic *	0.179	0.170	0.186	0.211	0.196	0.164	0.159	--	--	--	0.188	0.179	0.626	0.200	0.161	0.481
Adolescents who report having clean water for washing hands most or all of the time	0.907	0.901	0.912	0.958	0.904	0.910	0.769	--	--	--	0.847	0.910	0.054	0.899	0.917	0.929

Note: This table presents variables drawn from the GAGE Ethiopia Midline survey, conducted in late 2019 and early 2020, unless otherwise specified. The sample included 7,076 adolescents ages 9-21 and 7,174 adult female caregivers of these adolescents, representing 7,212 total households. For each estimate, we exclude respondents who answer "Refused" or "Don't Know" to a given question. Any variables marked with an asterisk (*) are answered by the adult female caregiver, rather than the adolescent.

1 Variables in this section are drawn from the GAGE Covid-19 Round 1 survey, conducted in Urban Ethiopia between June and July 2020. This survey included only adolescents from the urban sample (n=1,576 adolescents and n=1,620 adult caregivers of adolescents) from the baseline and midline samples.

2 Variables in this section are drawn from the GAGE Covid-19 Round 2 survey, conducted in Ethiopia between November 2020 and February 2021. This survey included n=2,812 adolescents and n=2,949 adult caregivers of adolescents from the baseline and midline samples in both urban and rural settings.

3 These variables are drawn from the GAGE Ethiopia Midline survey for all rural households and households interviewed for the first time in late 2019/early 2020. For a urban households who were already interviewed at baseline, this information is drawn from the GAGE Ethiopia Baseline Survey (conducted December 2017 - May 2018).

4 Difference in means controlling for gender and region of residence (Debre Tabor, Dire Dawa, South Gonder, East Hararghe, or Afar)

5 Difference in means controlling for age cohort and region of residence (Debre Tabor, Dire Dawa, South Gonder, East Hararghe, or Afar)

6 Difference in means controlling for age cohort and gender

7 Difference in means controlling for age cohort, gender, and region of residence (Debre Tabor, Dire Dawa, South Gonder, East Hararghe, or Afar)

8 Difference in means controlling for location by gender of residence (Debre Tabor, Dire Dawa, South Gonder, East Hararghe, or Afar)