

Annex 1: Data file for EIR 48 Girls' Education East Africa (Jan 2022)

Direct education outcomes

	Expected years of school				Learning adjusted years of school 2020			Harmonised Learning Outcomes			
	Girls	Boys	Differential	Year	Girls	Boys	Differential	Female	Male	Differential	Year
Somalia	1.24	1.55	-0.31	2019	-	-	-	-	-	-	-
Sudan	6.9	7.2	-0.3	2020	4.3	4.3	0	378.3	345.5	32.9	2015
Kenya	11.4	11.9	-0.5	2020	-	-	-	368.5	359.8	8.6	2013
Ethiopia	7.5	8.1	-0.6	2020	4.1	4.6	-0.5	317.3	330.3	-13	2010
Tanzania	7.3	7.1	0.2	2020	4.6	4.3	0.3	388.3	364.7	23.6	2013
Uganda	7	7	0	2017	-	-	-	226.4	226.9	-0.6	2009
Rwanda	7.1	6.6	0.5	2020	4.1	3.7	0.4	334.2	309.3	24.9	2016
South Sudan	3.9	5.4	-1.5	2020	-	-	-	-	-	not disaggregated	2017
Source	Human Capital Index in World Bank Database: (F) https://databank.worldbank.org/reports.aspx?source=3698&series=HD.HCI.EYRS.FE (M) https://databank.worldbank.org/reports.aspx?source=3698&series=HD.HCI.EYRS.MA Somalia data from: Education Sector Analysis 2021 (Ministry of Education, Culture and Higher Education, 2021)				Human Capital Index 2020: https://www.worldbank.org/en/publication/human-capital#Index15			Harmonised Learning Outcomes Database: https://datacatalog.worldbank.org/search/dataset/0038001 (Angrist et al., 2021)			

Completion Rates

	School completion rate %							Tertiary education enrolment (% gross)			
	Primary level			Lower Secondary level				Girls	Boys	Differential	Date
	Girls	Boys	Differential	Girls	Boys	Differential	Year				
Somalia	58	72	-14	55	70	-15	2016	-	-	-	-
Sudan	60	63	-3	57	58	-1.7	2017	17.1	16.8	0.3	2015
Kenya	100	99	1	79	79	-0.4	2016	9.7	13.2	-3.5	2017
Ethiopia	53	55	-2	29	30	-1.1	2015	5.3	10.9	-5.6	2014
Tanzania	72	64	8	30	29	1.1	2018	2.5	3.7	-1.2	2019
Uganda	54	52	2	25	28	-2.6	2017	4.1	5.6	-1.5	2014
Rwanda	104	91	14	46	39	7	2019	5.7	6.8	-1.1	2019
South Sudan	19	35	-16	13	23	-10.5	2011	-	-	-	-
Source:	World Development Indicators in World Bank Database: (a) https://databank.worldbank.org/reports.aspx?source=2&series=SE.PRM.CMPT.MA.ZS&country= (b) https://databank.worldbank.org/reports.aspx?source=2&series=SE.PRM.CMPT.FE.ZS&country= Somalia Data from WIDE database: https://www.education-inequalities.org			World Development Indicators in World Bank Database: (a) https://databank.worldbank.org/reports.aspx?source=2&series=SE.SEC.CMPT.LO.MA.ZS&country= (b) https://databank.worldbank.org/reports.aspx?source=2&series=SE.SEC.CMPT.LO.FE.ZS&country= Somalia Data from WIDE database: https://www.education-inequalities.org				Equivalent completion data for tertiary level not available World Development Indicators in World Bank Database: (a) https://databank.worldbank.org/reports.aspx?source=2&series=SE.TER.ENRR.FE&country= (b) https://databank.worldbank.org/reports.aspx?source=2&series=SE.TER.ENRR.MA&country=			

Out of school rates

	% Out of school children							
	Primary level				Lower secondary level			
	Girls	Boys	Differential	Year	Girls	Boys	Differential	Year
Somalia	53	47	6	2016	19	12	7	2016
Sudan	39	38	1	2017	58	52	6	2011
Kenya	17	21	-4	2012	6	3	3	2006
Ethiopia	18	11	7	2015	49	45	4	2015
Tanzania	12	15	-3	2019	-	-	-	-
Uganda	3	6	-3	2013	-	-	-	-
Rwanda	6	6	0	2019	2	6	-4	2019
South Sudan	67	58	9	2015	63	49	14	2015
Source	UNESCO Institute for Statistics (uis.unesco.org) in World Bank Database: (M) https://data.worldbank.org/indicator/SE.PRM.UNER.MA?view=chart (F) https://data.worldbank.org/indicator/SE.PRM.UNER.FE.ZS?view=chart Somalia data from WIDE database: https://www.education-inequalities.org				UNESCO Institute for Statistics (uis.unesco.org) in World Bank Database: (F) https://databank.worldbank.org/reports.aspx?source=2&series=SE.SEC.UNER.LO.FE.ZS&country=(M) https://data.worldbank.org/indicator/SE.SEC.UNER.LO.MA.ZS Somalia Data from WIDE database: https://www.education-inequalities.org			

Unemployment and employments rates with advanced education, and labour market participation for the general population

	Unemployment with advanced education %				Labor force with advanced education %			Labor force participation rate for ages 15–24, % (national estimate)		
	Girls	Boys	Differential	Date	Male	Female	year	Female	Male	Date
Somalia	-	-	-	-	-	-	-	-	-	2019
Sudan	48.9	26.2	22.7	2011	70	56	2011	20.2	39.8	2019
Kenya	10	6.3	3.7	2016	70	68	2016	35.1	40.2	2019
Ethiopia	7.1	4.9	2.2	2013	96	88	2013	70.8	79.1	2019
Tanzania	8.5	3.7	4.8	2014	97	88	2014	70.4	74.4	2019
Uganda	14.6	5.1	9.5	2012	98	89	2013	33	42	2019
Rwanda	19.2	15.3	3.9	2019	74	66	2019	34.9	41.2	2019
South Sudan	-	-	-	-	-	-	-	66	63	2019
Source:	Advanced Education' defined as tertiary education. World Development Indicators in World Bank Database: (F) https://databank.worldbank.org/reports.aspx?source=2&series=SL.UEM.ADVN.FE.ZS&country= (M) https://databank.worldbank.org/reports.aspx?source=2&series=SL.UEM.ADVN.MA.ZS&country				ILOSTAT Database in World Bank Database: (F) https://data.worldbank.org/indicator/SL.TLF.ADVN.FE.ZS (M) https://data.worldbank.org/indicator/SL.TLF.ADVN.MA.ZS			See ILOSTAT Database in World Bank Database for full definition of 'Labor force participation': (F) https://data.worldbank.org/indicator/SL.TLF.ACTI.1524.FE.ZS (M) https://data.worldbank.org/indicator/SL.TLF.ACTI.1524.MA.NE.ZS		

Education system determinants

	Government expenditure on education (% GDP)		Government expenditure per student (% of GDP per capita)			GDP per capita in US dollars	
	Data	Year	Primary	Secondary	Year	Data	Year
Somalia	0.25	2019	-	-	-	309.4	2020
Sudan	1	2000	-	-	-	595.5	2020
Kenya	5.3	2018	11	-	2015	1838.2	2020
Ethiopia	4.7	2015	7.9	-	2015	936.3	2020
Tanzania	3.7	2018	9.5	-	2014	1076.5	2020
Uganda	2.1	2018	5.6	-	2014	817	2020
Rwanda	3.1	2018	4.3	-	2018	797.9	2020
South Sudan	1.5	2016	4.6	-	2016	1119.7	2015
Source	World Development Indicators in World Bank Database: https://databank.worldbank.org/reports.aspx?source=2&series=SE.XPD.TOTL.GD.ZS&country= Somalia data from Education Sector analysis 2021 (Ministry of Education, Culture and Higher Education, 2021)		World Development Indicators in World Bank Data: https://databank.worldbank.org/reports.aspx?source=2&series=SE.XPD.PRIM.PC.ZS			World Development Indicators in World Bank Data: https://data.worldbank.org/indicator/NY.GDP.PCAP.CD	

Rates of trained teachers and pupil–teacher ratio

	% trained teachers				Pupil–teacher ratio			
	Primary	Year	Secondary	Year	Primary	Year	Secondary	Year
Somalia	-		-		38.7	2019	-	
Sudan	-		-		-		-	
Kenya	-		-		30.7	2015	-	
Ethiopia	-		-		55.1	2011	40.4	2012
Tanzania	99.2	2016	-		50.6	2018	20.9	2018
Uganda	79.6	2017	84	2017	42.7	2017	-	
Rwanda	95.1	2019	58	2017	59.5	2018	28.2	2018
South Sudan	44	2011	-		46.8	2015	27.5	2015
Source:	World Development Indicators in World Bank Data: (a) https://databank.worldbank.org/reports.aspx?source=2&series=S.E.SEC.TCAQ.ZS&country= (b) https://databank.worldbank.org/reports.aspx?source=2&series=S.E.PRM.TCAQ.ZS&country=				World Development Indicators in World Bank Data: (a) https://databank.worldbank.org/reports.aspx?source=2&series=S.E.PRM.ENRL.TC.ZS&country= (b) https://databank.worldbank.org/reports.aspx?source=2&series=S.E.SEC.ENRL.TC.ZS&country= Somalia data from: Education Sector Analysis 2021 (Ministry of Education, Culture and Higher Education, 2021)			

Social determinants

	Human Development Index		Average household size
	HDI value (2019)	Global ranking out of 189	
Somalia	n/a	n/a	na
Sudan	0.51	170	5.9
Kenya	0.601	143	3.6
Ethiopia	0.485	173	4.6
Tanzania	0.529	163	4.7
Uganda	0.544	159	4.5
Rwanda	0.543	160	4
South Sudan	0.433	185	6
Source:	This is a compound metric made up of life expectancy at birth, expected years of schooling, mean years of schooling and gross national income per capita. http://hdr.undp.org/en/content/latest-human-development-index-ranking		2020 World Population Data Sheet: https://interactives.prb.org/2020-wpds/download/

Rates of early marriage and teen pregnancy

	Early marriage						Teenage mothers	
	Currently married or in union – aged 15–19		Married before 15 % (aged 20–24)	Married before 18 % (aged 20–24)	Married or in union before 18		% Women aged 15–19 who have children or are currently pregnant	
	Girls	Boys	Girls	Girls	Boys	Date	%	Date
Somalia	18	-	17	36	6	2020	-	
Sudan	-	-	-	34	-	2014	-	
Kenya	-	-	-	23	-	2014	19.2	2015
Ethiopia	17	1	14	40	5	2016	12.5	2016
Tanzania	23	2	5	31	4	2015–6	26.4	2017
Uganda	20	2	7	34	6	2016	19.6	2019
Rwanda	20	2	7	34	6	2016	6.2	2017
South Sudan	-	-	-	52	-	2010	-	
Source:	UNCEF Data Warehouse: https://data.unicef.org/resources/data_explorer/unicef_f/?dq=...&startPeriod=2018&endPeriod=2021 Sudan, Kenya & South Sudan: world bank data base: https://data.worldbank.org/indicator/SP.M18.2024.FE.ZS						World Development Indicators in World Bank Database: https://databank.worldbank.org/reports.aspx?source=2&series=SP.MTR.1519.ZS&country=	

UNICEF Children's Climate Risk Index (CCRI)

UNICEF CCRI index					
	Global ranking	CCRI	CO2 emissions (KT)	% of global emissions (CO2)	Emissions per capita (MT)
Somalia	4	8.4	690	less than 0.01%	0.05
Sudan	15	7.6	20,200	0.06	0.48
Kenya	49	6.3	18,400	0.05	0.36
Ethiopia	15	7.6	16,280	0.05	0.15
Tanzania	40	6.7	11,580	0.03	0.21
Uganda	37	6.8	6,130	0.02	0.14
Rwanda	57	5.7	1,080	less than 0.01%	0.09
South Sudan	7	8.2	1,380	less than 0.01%	0.13
UK	111	3.8	358,800	1.05	5.4
Source:	https://www.unicef.org/media/105376/file/UNICEF-climate-crisis-child-rights-crisis.pdf				