

Table 19.2: Investment in public services, research and agriculture in sub-Saharan Africa, 2018 or closest year

	Access to services					Health	Education		Research	Agriculture			
	Share of population with electricity access, 2018 (%)	Share of population with access to basic drinking water services, 2017 (%)	Share of population with access to at least basic sanitation, 2017 (%)	Internet access per 100 inhabitants, 2017	Mobile cellular subscriptions per 100 inhabitants, 2018	Public health expenditure as a share of GDP, 2017 (%)	Public expenditure on education as a share of GDP, 2018 (%)	Public expenditure on higher education as a share of GDP, 2018 (%)	GERD as a share of GDP, 2018 (%)	Public expenditure on agriculture as a share of total public expenditure, 2017 (%)	Total agricultural research spending as a share of Agricultural GDP, 2017 (%)	Growth rate of value-added agriculture, 2017 (%)	Agricultural land sustainably managed as a share of all agricultural land, 2017 (%)
Angola	43.3	55.8	49.9	14.3	46.6	2.8	–	–	0.03 <sup>-2</sup>	14.8	0.1	9.4	–
Benin	41.5	66.4	16.5	14.1	87.7	3.7	2.9*	0.7 <sup>-3</sup>	–	9.3	0.4	29.9	0.2
Botswana	64.9	90.3	77.3	41.4	173.8	6.1	–	–	0.54 <sup>-5</sup>	3.0	2.7	-1.0	15.3
Burkina Faso	14.4	47.9	19.4	15.9	100.2	6.9	5.4*	1.5 <sup>-1</sup>	0.61 <sup>-1</sup>	10.5	0.8	4.7	7.7
Burundi	11.0	60.8	45.8	2.7	57.6	7.5	5.1	–	0.21	–	2.7	-0.2	18.7
Cabo Verde	93.6	87.1	73.9	57.2	108.3	5.2	5.2 <sup>-1</sup>	0.9 <sup>-1</sup>	–	7.3	0.9	-79.1	20.0
Cameroon	62.7	60.4	39.1	23.2	81.8	4.7	3.1*	–	–	4.3	0.3	6.8	–
Central African Rep.	32.4	–	–	4.3	32.3	5.8	–	–	–	3.2	0.2	12.4	–
Chad	11.8	38.7	8.3	6.5	48.1	4.5	2.5 <sup>-1*</sup>	0.23	0.30 <sup>-2</sup>	8.3	0.1	-15.3	–
Comoros	81.9	80.2	35.9	8.5	67.6	7.4	2.5 <sup>-3</sup>	0.3 <sup>-3</sup>	–	–	–	–	–
Congo, Rep.	19.0	27.9	20.2	8.6	42.8	2.9	3.5*	–	–	1.6	0.4	10.7	–
Congo, Dem. Rep.	68.5	43.2	20.5	8.7	95.3 <sup>-1</sup>	4.0	1.5 <sup>-1*</sup>	0.5 <sup>-3</sup>	0.41 <sup>-3</sup>	2.4	–	9.1	–
Côte d'Ivoire	67.0	36.3	32.1	36.5 <sup>+2</sup>	145.3	4.5	3.3	0.5	0.10 <sup>-2</sup>	1.9	0.1	14.0	0.6
Djibouti	60.4	75.6	27.2	55.7	41.2 <sup>-1</sup>	3.3	3.6*	–	–	4.9	0.2	10.0	11.6
Equatorial Guinea	67.0	64.7	66.3	26.2	45.2 <sup>-1</sup>	3.1	–	–	–	10.5	–	7.6	43.1
Eritrea	49.6	–	–	1.3	20.4 <sup>-2</sup>	2.9	–	–	–	–	–	–	–
Eswatini	76.5	69.0	58.4	30.3	93.5 <sup>-2</sup>	6.9	7.1 <sup>-4</sup>	0.9 <sup>-4</sup>	0.27 <sup>-3</sup>	–	0.5	-28.4	–
Ethiopia	45.0	29.6	7.3	18.6	37.2 <sup>-2</sup>	3.5	4.7 <sup>-3</sup>	2.3 <sup>-3</sup>	0.27 <sup>-1</sup>	16.8	–	2.3	14.7
Gabon	93.0	85.8	47.4	50.3	138.3 <sup>-1</sup>	2.8	2.7 <sup>-3</sup>	1.0 <sup>-4</sup>	–	0.6	0.2	16.7	51.1
The Gambia	60.3	78.0	39.2	19.8	139.5 <sup>-1</sup>	3.3	2.4*	0.2 <sup>-3</sup>	0.07	5.1	0.6	-4.0	7.0
Ghana	82.4	45.0	18.5	37.9	134.3	3.3	4.0*	0.8 <sup>-4</sup>	–	6.0	11.9	3.6	0.04
Guinea	44.0	61.9	22.7	21.8 <sup>+1</sup>	100.8	4.1	2.3	0.4	–	5.9	0.03	2.9	25.3
Guinea-Bissau	28.7	66.6	20.5	3.9	82.8	7.2	–	–	–	–	–	–	–
Kenya	75.0	58.9	29.1	22.6 <sup>+2</sup>	103.8	4.8	5.3*	0.7 <sup>-3</sup>	–	2.3	2.5	5.9	–
Lesotho	47.0	68.6	42.8	29.8	113.8 <sup>-2</sup>	8.8	7.0	0.5	0.05 <sup>-3</sup>	3.6	0.8	-21.5	–
Liberia	25.9	72.9	17.0	8.0	56.6 <sup>-2</sup>	8.2	2.6*	–	–	–	–	-1.4	–
Madagascar	25.9	54.4	10.5	4.7 <sup>-1</sup>	40.6 <sup>-1</sup>	5.5	2.8*	–	0.01 <sup>-1</sup>	1.9	0.04	-0.1	1.1
Malawi	18.0	68.8	26.2	13.8	47.8	9.7	4.7*	1.1 <sup>-2</sup>	–	17.6	–	-2.3	15.7
Mali	50.9	78.3	20.6	12.7	115.1 <sup>-1</sup>	3.8	3.8 <sup>-1</sup>	0.7 <sup>-1</sup>	0.29 <sup>-1</sup>	12.4	0.1	7.6	21.4
Mauritius	97.5	99.9	95.5	64.0 <sup>+1</sup>	151.4 <sup>-1</sup>	5.7	4.8	0.3	0.35	2.8	3.0	7.3	0.1
Mozambique	31.1	55.7	29.4	20.8	47.7 <sup>-1</sup>	4.9	5.5*	–	0.34 <sup>-3</sup>	6.9	2.9	2.6	–
Namibia	53.9	82.5	34.5	36.8	113.2	8.6	–	1.6 <sup>-4</sup>	0.34 <sup>-4</sup>	4.6	3.2	14.7	8.1
Niger	17.6	50.3	4.0	5.3 <sup>+1</sup>	40.6 <sup>-2</sup>	7.7	3.6*	0.6 <sup>-1</sup>	–	8.0	–	11.6	–
Nigeria	56.5	51.2	12.5	7.5	88.2 <sup>-1</sup>	3.8	–	–	–	2.2	–	-20.7	–
Rwanda	34.7	57.7	66.6	21.8	76.5	6.6	3.1	0.6	0.67 <sup>-2</sup>	7.5	0.6	3.9	61.3
Sao Tome & Principe	71.0	84.3	43.0	29.9	77.1	6.2	5.2*	0.4 <sup>-4</sup>	–	8.5	0.1	15.9	–
Senegal	67.0	80.7	30.0	29.6	109.7	4.1	4.8	1.6	0.58 <sup>-3</sup>	11.0	1.4	6.6	12.2
Seychelles	100.0	96.2	100.0	58.8	198.2	5.0	4.4 <sup>-2</sup>	1.0 <sup>-2</sup>	0.22 <sup>-2</sup>	–	6.3	-10.0	–
Sierra Leone	26.1	50.9	2.3	13.2	86.1	13.4	7.0	3.2	–	4.1	–	3.8	0.3
Somalia	35.3	52.4	38.3	2.0	51.0 <sup>-1</sup>	–	–	–	–	–	–	–	–
South Africa	91.2	92.7	75.7	56.2	165.6	8.1	6.2	0.9	0.83 <sup>-1</sup>	1.2	1.6	12.0	0.2
South Sudan	28.2	40.7	11.3	8.0	33.5 <sup>-1</sup>	9.8	1.5 <sup>-2</sup>	0.8 <sup>-2</sup>	–	–	–	–	–
Tanzania	35.6	56.7	4.5	16.0	82.2	3.7	3.7*	0.7 <sup>-4</sup>	0.51 <sup>-5</sup>	5.9	0.3	-1.0	4.9
Togo	51.3	65.1	16.1	12.4	77.2	6.2	5.4*	0.9 <sup>-1</sup>	0.27 <sup>-4</sup>	6.9	0.3	9.0	21.1
Uganda	42.7	42.0	18.5	23.7	57.3 <sup>-1</sup>	6.2	2.1*	0.3 <sup>-4</sup>	0.17 <sup>-4</sup>	2.9	1.0	3.2	10.7
Zambia	39.8	60.0	26.4	14.3 <sup>+1</sup>	96.4	4.5	4.6*	0.3 <sup>-1</sup>	–	8.2	1.0	-3.4	0.8
Zimbabwe	41.0	64.1	36.2	27.1	90.1	6.6	5.9*	1.0 <sup>-4</sup>	–	6.0	0.7	-2.1	0.3
Malabo target										10.0	1.0	6.0	30.0
Target year										2025	2025	2025	2023

\* estimation by UNESCO Institute for Statistics

Note: For drinking water, data represent basic services for the Republic of Congo, Côte d'Ivoire, Ethiopia, Ghana, Nigeria, Sierra Leone and Uganda. Sanitation data represent basic services for Djibouti, Mali, Niger, Nigeria, Senegal, Sierra Leone and Tanzania.

Source: for water and sanitation: World Health Organization and UNICEF (2020) Joint Monitoring Programme database; for health, Internet and mobile subscriptions: World Bank's World Development Indicators, October 2020; for education and GERD: UNESCO Institute for Statistics; for agriculture: AU (2018) *Inaugural Biennial Review Report of the African Union Commission on the Implementation of the Malabo Declaration on Accelerated Agricultural Growth and Transformation for Shared Prosperity and Improved Livelihoods*