

Annex 3.1. Variables Used in the Enhanced Digital Access Index (EDAI)

Definition	Source
Affordability	
Fixed (wired)-broadband monthly subscription refers to the monthly charge for fixed (wired)-broadband internet service (i.e., any dedicated connection to the internet at speeds equal to, or greater than, 256 kbit/s) (% GNI per capita).	ICT
Mobile-cellular prepaid price of a short-message service (SMS) refers to the price of sending a message from a mobile-cellular telephone with a prepaid subscription to a mobile-cellular number of a competing network (% GNI per capita).	ICT
The price per minute of a peak rate call from a mobile cellular prepaid telephone to a mobile cellular subscriber of another (competing) network. Taxes should be included. If not included; it should be specified in a note including the applicable tax rate. (% GNI per capita).	ICT
Mobile-cellular prepaid connection charge is the initial, one-time charge for a new prepaid mobile-cellular subscription (but not refundable deposits); usually corresponds to the price of a subscriber identity module (SIM) card, but may include other fees (% GNI per capita).	ICT
Price of the plan, in local currency, mobile-broadband USB/dongle-based prepaid tariffs with 1GB volume of data (% GNI per capita).	ICT
Infrastructure	
Fixed-telephone subscriptions 100 inhabitants	ICT
Mobile-cellular subscriptions per 100 inhabitants	ICT
Percentage of population covered by mobile-cellular network refers to the percentage of inhabitants within range of a mobile-cellular signal, irrespective of whether or not they are subscribers or users. Calculated by dividing the number of inhabitants within range of a mobile-cellular signal by the total population and multiplying by 100.	ICT
Percentage of the population covered by at least a 3G mobile network refers to the percentage of inhabitants that are within range of at least a 3G mobile-cellular signal, irrespective of whether or not they are subscribers. Calculated by dividing the number of inhabitants covered by at least a 3G mobile-cellular signal by the total population and multiplying by 100.	ICT
Percentage of population covered by at least an LTE/WiMAX mobile network refers to the percentage of inhabitants that live within range of LTE/LTE-Advanced, mobile WiMAX/Wireless MAN or other more advanced mobile-cellular networks, irrespective of whether or not they are subscribers. Calculated by dividing the number of inhabitants covered by the mentioned mobile-cellular technologies by the total population and multiplying by 100.	ICT
Internet Usage	
Active mobile-broadband subscriptions per 100 inhabitants.	ICT
Fixed broadband subscribers divided by population and multiplied by 100.	ICT
Internet users (% population) can include both estimates and survey data corresponding to the proportion of individuals using the internet, based on national households surveys. The number should reflect the country's total population or at least individuals of 5 years and older.	ICT
Knowledge	
Adult literacy is measured as the percentage of people aged 15 years and above who can both read and write a short simple statement on their everyday life.	UNESCO (UIS)
Expected years of schooling is the total number of years of schooling that a child of a certain age can expect to receive, assuming the probability of his or her being in school at any particular age is equal to the current enrolment ratio age.	UNESCO (UIS)
Mean years of schooling provides the average number of years of education completed by a country's adult population (25 years and older), excluding years spent repeating grades.	UNESCO (UIS)
Gross enrolment ratio is measured as the total number of students enrolled at the primary, secondary and tertiary level, regardless of age, as a percentage of the population of school age for that level.	UNESCO (UIS)
Quality	
Fixed (wired)-broadband speed; in Mbit/s refers to the advertised maximum theoretical download speed; and not speeds; guaranteed to users associated with a fixed (wired)-broadband internet monthly subscription.	ICT
International Internet bandwidth per Internet user (bit/s).	ICT
Advertised maximum theoretical download speed; speeds not guaranteed to users associated with a 1GB USB/dongle-based postpaid plan.	ICT

Note: Variables were selected based on the following criterion: at least one observation for each variable is available during one of the previous three years leading up to the year for which the index is being calculated. When a given economy has more than one observation for a given variable, the latest data point is selected. The variable "Percentage of the population covered by at least an LTE/WiMAX mobile network" was dropped for 2010 as LTE/WiMAX was still an emerging technology. The indicators are aggregated using the Adjusted Mazziotta-Pareto Index (AMPI) methodology.

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Statistical Appendix

Unless noted otherwise, data and projections presented in this *Regional Economic Outlook* are IMF staff estimates as of 7 April 2020, consistent with the projections underlying the April 2020 *World Economic Outlook*.

The data and projections cover 45 sub-Saharan African countries in the IMF's African Department. Data definitions follow established international statistical methodologies to the extent possible. However, in some cases, data limitations limit comparability across countries.

Country Groupings

Countries are aggregated into three (non-overlapping) groups: oil exporters, other resource-intensive countries, and non-resource-intensive countries (see table on page 54 for the country groupings).

- The oil exporters are countries where net oil exports make up 30 percent or more of total exports.
- The other resource-intensive countries are those where nonrenewable natural resources represent 25 percent or more of total exports.
- The non-resource-intensive countries refer to those that are not classified as either oil exporters or other resource-intensive countries.

Countries are also aggregated into four (overlapping) groups: oil exporters, middle-income, low-income, and countries in fragile situations (see table on page 54 for the country groupings).

The membership of these groups reflects the most recent data on per capita gross national income (averaged over three years) and the World Bank, Country Policy and Institutional Assessment (CPIA) score (averaged over three years).

- The middle-income countries had per capita gross national income in the years 2016–18 of more than \$1025.00 (World Bank, using the Atlas method).

- The low-income countries had average per capita gross national income in the years 2016–18 equal to or lower than \$1025.00 (World Bank, Atlas method).
- The countries in fragile situations had average CPIA scores of 3.2 or less in the years 2016–18 and/or had the presence of a peace-keeping or peace-building mission within the last three years.
- The membership of sub-Saharan African countries in the major regional cooperation bodies is shown on page 54: CFA franc zone, comprising the West African Economic and Monetary Union (WAEMU) and CEMAC; the Common Market for Eastern and Southern Africa (COMESA); the East Africa Community (EAC-5); the Economic Community of West African States (ECOWAS); the Southern African Development Community (SADC); and the Southern Africa Customs Union (SACU). EAC-5 aggregates include data for Rwanda and Burundi, which joined the group only in 2007.

Methods of Aggregation

In Tables SA1 and SA3, country group composites for real GDP growth and broad money are calculated as the arithmetic average of data for individual countries, weighted by GDP valued at purchasing power parity as a share of total group GDP. The source of purchasing power parity weights is the World Economic Outlook (WEO) database.

In Table SA1, country group composites for consumer prices are calculated as the geometric average of data for individual countries, weighted by GDP valued at purchasing power parity as a share of total group GDP. The source of purchasing power parity weights is the WEO database.

In Tables SA2–SA4, country group composites except for broad money, are calculated as the arithmetic average of data for individual countries, weighted by GDP in U.S. dollars at market exchange rates as a share of total group GDP.

Sub-Saharan Africa: Member Countries of Groupings

Oil exporters	Other resource-intensive countries	Non-resource-intensive countries	Middle-income countries	Low-income countries	Countries in fragile situations	
Angola	Botswana	Benin	Angola	Benin	Malawi	Burundi
Cameroon	Burkina Faso	Burundi	Botswana	Burkina Faso	Mali	Central African Rep.
Chad	Central African Rep.	Cabo Verde	Cabo Verde	Burundi	Mozambique	Chad
Congo, Republic of	Congo, Dem. Rep. of	Comoros	Cameroon	Central African Rep.	Niger	Comoros
Equatorial Guinea	Ghana	Côte d'Ivoire	Congo, Republic of	Rep.	Rwanda	Congo, Dem. Rep. of
Gabon	Guinea	Eritrea	Côte d'Ivoire	Chad	Sierra Leone	Congo, Republic of
Nigeria	Liberia	Eswatini	Equatorial Guinea	Comoros	South Sudan	Côte d'Ivoire
South Sudan	Mali	Ethiopia	Eswatini	Congo, Dem. Rep. of	Tanzania	Eritrea
	Namibia	Gambia, The	Gabon	Eritrea	Togo	Gambia, The
	Niger	Guinea-Bissau	Ghana	Ethiopia	Uganda	Guinea
	Sierra Leone	Kenya	Kenya	Gambia, The	Zimbabwe	Guinea-Bissau
	South Africa	Lesotho	Lesotho	Guinea		Liberia
	Tanzania	Madagascar	Mauritius	Guinea-Bissau		Malawi
	Zambia	Malawi	Namibia	Liberia		Mali
	Zimbabwe	Mauritius	Nigeria	Madagascar		São Tomé & Príncipe
		Mozambique	São Tomé & Príncipe			Sierra Leone
		Rwanda	Senegal			South Sudan
		São Tomé & Príncipe	Seychelles			Togo
		Senegal	South Africa			Zimbabwe
		Seychelles	Zambia			
		Togo				
		Uganda				

Sub-Saharan Africa: Member Countries of Regional Groupings

The West African Economic and Monetary Union (WAEMU)	Economic and Monetary Community of Central African States (CEMAC)	Common Market for Eastern and Southern Africa (COMESA)	East Africa Community (EAC-5)	Southern African Development Community (SADC)	Southern Africa Customs Union (SACU)	Economic Community of West African States (ECOWAS)
Benin	Cameroon	Burundi	Burundi	Angola	Botswana	Benin
Burkina Faso	Central African Rep.	Comoros	Kenya	Botswana	Eswatini	Burkina Faso
Côte d'Ivoire	Chad	Congo, Dem. Rep. of	Rwanda	Comoros	Lesotho	Cabo Verde
Guinea-Bissau	Congo, Republic of	Eritrea	Tanzania	Congo, Dem. Rep. of	Namibia	Côte d'Ivoire
Mali	Equatorial Guinea	Eswatini	Uganda	Eswatini	South Africa	Gambia, The
Niger	Gabon	Ethiopia		Lesotho		Ghana
Senegal		Kenya		Madagascar		Guinea
Togo		Madagascar		Malawi		Guinea-Bissau
		Malawi		Mauritius		Liberia
		Mauritius		Mozambique		Mali
		Rwanda		Namibia		Niger
		Seychelles		Seychelles		Nigeria
		Uganda		South Africa		Senegal
		Zambia		Tanzania		Sierra Leone
		Zimbabwe		Zambia		Togo
				Zimbabwe		

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Sources: IMF, Common Surveillance database and IMF, World Economic Outlook database, April 2020.

¹ Fiscal year data.

² In 2019 Zimbabwe authorities introduced the RTGS dollar, later renamed the Zimbabwe dollar, and are in the process of redenominating their national accounts statistics. Current data are subject to revision. The Zimbabwe dollar previously ceased circulating in 2009 and, between 2009–19, Zimbabwe operated under a multi-currency regime with the US dollar as the unit of account.

Note: “...” denotes data not available.

Table SA4.

Sources: IMF, Common Surveillance database, and IMF, World Economic Outlook database, April 2020

¹ As a member of the West African Economic and Monetary Union (WAEMU), see WAEMU aggregate for reserves data.

² As a member of the Central African Economic and Monetary Community (CEMAC), see CEMAC aggregate for reserves data.

³ Fiscal year data.

⁴ In 2019 Zimbabwe authorities introduced the RTGS dollar, later renamed the Zimbabwe dollar, and are in the process of redenominating their national accounts statistics. Current data are subject to revision. The Zimbabwe dollar previously ceased circulating in 2009 and, between 2009–19, Zimbabwe operated under a multi-currency regime with the US dollar as the unit of account.

Note: “...” denotes data not available.

Table SA1. Real GDP Growth and Consumer Prices

	Real GDP (Annual percent change)						Consumer Prices, Annual Average (Annual percent change)					
	2010-16	2017	2018	2019	2020	2021	2010-16	2017	2018	2019	2020	2021
Angola	3.6	-0.2	-1.2	-1.5	-1.4	2.6	13.5	29.8	19.6	17.1	20.7	22.3
Benin	4.1	5.7	6.7	6.4	4.5	6.0	1.6	1.8	0.8	-0.9	-0.8	0.6
Botswana	5.3	2.9	4.5	3.0	-5.4	6.8	5.6	3.3	3.2	2.8	2.1	2.6
Burkina Faso	5.9	6.2	6.8	5.7	2.0	5.8	1.0	0.4	2.0	-3.2	3.2	2.1
Burundi	2.8	0.5	1.6	1.8	-5.5	4.2	8.2	16.6	-2.8	-0.7	8.0	6.0
Cabo Verde	1.9	3.7	5.1	5.5	-4.0	5.5	1.3	0.8	1.3	1.1	1.3	1.4
Cameroon	4.8	3.5	4.1	3.7	-1.2	4.1	2.0	0.6	1.1	2.5	2.8	2.3
Central African Rep.	-1.9	4.5	3.8	3.0	1.0	4.0	5.2	4.2	1.6	2.7	1.2	2.5
Chad	4.5	-2.4	2.3	3.0	-0.2	6.1	1.8	-0.9	4.0	-1.0	2.2	2.9
Comoros	3.2	4.2	3.6	1.9	-1.2	3.1	2.0	0.1	1.7	3.3	3.0	2.1
Congo, Dem. Rep. of	6.9	3.7	5.8	4.4	-2.2	3.5	6.5	35.8	29.3	4.8	11.0	10.5
Congo, Rep. of	3.7	-1.8	1.6	-0.9	-2.3	3.4	2.7	0.4	1.2	2.2	2.1	2.6
Côte d'Ivoire	6.0	7.4	6.8	6.9	2.7	8.7	1.8	0.7	0.4	0.8	1.2	1.4
Equatorial Guinea	-2.2	-5.7	-5.8	-6.1	-5.5	2.3	3.4	0.7	1.3	0.6	1.7	1.7
Eritrea	6.5	-10.0	13.0	3.8	0.1	5.9	8.5	-13.3	-14.4	-16.4	4.5	2.4
Eswatini	2.8	2.0	2.4	1.0	-0.9	1.8	6.2	6.2	4.8	2.6	3.6	4.5
Ethiopia ¹	9.9	10.2	7.7	9.0	3.2	4.3	13.9	10.7	13.8	15.8	15.4	9.1
Gabon	4.9	0.5	0.8	3.4	-1.2	3.6	1.8	2.7	4.8	2.0	3.0	3.0
Gambia, The	1.5	4.8	6.5	6.0	2.5	6.5	5.7	8.0	6.5	7.1	6.7	6.0
Ghana	6.6	8.1	6.3	6.1	1.5	5.9	11.9	12.4	9.8	7.2	9.7	8.5
Guinea	5.4	10.3	6.2	5.6	2.9	7.6	12.9	8.9	9.8	9.5	8.5	8.0
Guinea-Bissau	3.9	4.8	3.8	4.6	-1.5	3.0	1.7	-0.2	0.4	0.2	0.8	1.5
Kenya	6.0	4.9	6.3	5.6	1.0	6.1	7.6	8.0	4.7	5.2	5.1	5.0
Lesotho	4.5	-1.0	0.4	1.2	-5.2	5.1	5.0	4.5	4.7	5.2	3.6	3.6
Liberia	4.3	2.5	1.2	-2.5	-2.5	4.0	8.1	12.4	23.5	27.0	13.8	13.5
Madagascar	2.6	3.9	4.6	4.8	0.4	5.0	7.1	8.6	8.6	5.6	5.5	6.5
Malawi	4.2	4.0	3.2	4.5	1.0	2.5	18.9	11.5	9.2	9.4	14.0	10.7
Mali	4.1	5.0	5.2	5.1	1.5	4.1	1.4	1.8	1.7	-0.6	0.6	1.5
Mauritius	3.8	3.8	3.8	3.5	-6.8	5.9	3.2	3.7	3.2	0.5	4.7	7.0
Mozambique	6.6	3.7	3.4	2.2	2.2	4.7	8.1	15.1	3.9	2.8	5.2	5.7
Namibia	4.5	-0.1	0.3	-1.4	-2.5	3.2	5.4	6.1	4.3	3.7	2.4	3.2
Niger	6.2	5.0	7.0	5.8	1.0	8.1	1.0	0.2	2.8	-2.5	4.4	1.7
Nigeria	4.7	0.8	1.9	2.2	-3.4	2.4	11.1	16.5	12.1	11.4	13.4	12.4
Rwanda	7.1	6.1	8.6	10.1	3.5	6.7	4.1	4.8	1.4	2.4	6.9	5.4
São Tomé & Príncipe	4.8	3.9	3.0	1.3	-6.0	5.5	9.2	5.7	8.3	8.4	7.9	7.0
Senegal	4.6	7.4	6.4	5.3	3.0	5.5	1.1	1.1	0.5	1.0	2.0	1.9
Seychelles	5.0	4.4	3.8	3.9	-10.8	8.0	2.3	2.9	3.7	1.8	4.5	3.1
Sierra Leone	5.4	3.8	3.5	5.1	-2.3	4.0	6.9	18.2	16.0	14.8	15.4	15.2
South Africa	2.1	1.4	0.8	0.2	-5.8	4.0	5.4	5.3	4.6	4.1	2.4	3.2
South Sudan	-7.4	-5.5	-1.1	11.3	4.9	3.2	95.9	187.9	83.5	51.2	8.1	24.5
Tanzania	6.6	6.8	7.0	6.3	2.0	4.6	8.7	5.3	3.5	3.4	3.9	4.3
Togo	6.1	4.4	4.9	5.3	1.0	4.0	1.6	-0.2	0.9	0.7	2.0	2.0
Uganda	4.9	5.0	6.3	4.9	3.5	4.3	7.2	5.6	2.6	2.9	3.9	4.8
Zambia	5.7	3.5	4.0	1.5	-3.5	2.3	9.5	6.6	7.0	9.8	13.4	12.1
Zimbabwe ²	8.2	4.7	3.5	-8.3	-7.4	2.5	1.1	0.9	10.6	255.3	319.0	3.7
Sub-Saharan Africa	4.5	3.0	3.3	3.1	-1.6	4.1	8.1	10.7	8.3	8.4	9.3	7.6
<i>Median</i>	4.8	3.9	3.8	3.9	-0.9	4.3	4.9	4.8	3.9	2.8	4.4	3.7
Excluding Nigeria and South Africa	5.4	4.8	4.9	4.5	0.7	4.9	7.5	9.8	7.7	8.3	9.6	6.8
Oil-exporting countries	4.3	0.5	1.5	1.8	-2.8	2.6	10.5	17.1	12.2	11.1	12.6	12.2
Excluding Nigeria	3.2	-0.2	0.2	0.8	-1.2	3.3	9.1	18.6	12.5	10.3	10.5	11.8
Oil-importing countries	4.7	4.6	4.4	3.8	-0.8	4.9	6.5	6.9	6.0	6.8	7.4	5.0
Excluding South Africa	6.1	6.0	6.0	5.4	1.1	5.3	7.1	7.6	6.6	7.9	9.4	5.7
Middle-income countries	4.1	2.1	2.3	2.1	-2.8	3.8	8.2	10.9	8.2	7.5	8.4	8.1
Excluding Nigeria and South Africa	4.9	3.8	3.8	3.4	-0.3	5.1	7.2	9.3	6.7	6.0	7.4	7.4
Low-income countries	6.1	5.8	6.0	5.7	1.7	4.7	8.0	10.3	8.9	10.8	12.0	6.2
Excluding low-income countries in fragile situations	6.7	6.9	6.7	6.6	2.6	4.9	8.0	7.1	6.5	6.2	7.4	5.8
Countries in fragile situations	5.2	4.1	4.9	4.1	0.3	5.6	5.9	11.8	9.6	14.5	15.3	5.4
CFA franc zone	4.5	4.1	4.7	4.5	1.0	5.8	1.8	0.8	1.4	0.4	1.9	1.9
CEMAC	3.3	0.3	1.7	1.8	-1.7	4.0	2.4	0.8	2.1	1.7	2.5	2.5
WAEMU	5.4	6.5	6.5	6.1	2.5	6.8	1.4	0.9	1.0	-0.3	1.6	1.5
COMESA (SSA members)	6.5	5.7	6.0	5.2	0.6	4.5	8.4	9.8	9.2	13.3	15.2	7.3
EAC-5	5.9	5.6	6.6	5.9	2.0	5.2	7.7	6.5	3.5	3.8	4.5	4.7
ECOWAS	5.1	2.9	3.4	3.6	-1.4	3.9	9.3	12.5	9.4	8.3	10.1	9.2
SACU	2.3	1.4	1.0	0.3	-5.6	4.1	5.4	5.2	4.5	4.0	2.4	3.2
SADC	3.5	2.3	2.1	1.1	-3.4	3.9	7.0	9.8	7.7	9.0	9.6	6.6

See footnote on page 17.

Table SA2. Overall Fiscal Balance, Including Grants and Government Debt

	Overall Fiscal Balance, Including Grants (Percent of GDP)						Government Debt (Percent of GDP)					
	2010–16	2017	2018	2019	2020	2021	2010–16	2017	2018	2019	2020	2021
Angola	0.3	-6.3	2.2	0.7	-6.0	-2.5	42.7	69.3	89.0	109.8	132.2	124.3
Benin	-2.0	-4.2	-3.0	-0.5	-2.8	-2.2	24.3	39.6	41.0	39.4	39.8	38.8
Botswana	-0.2	-1.1	-4.6	-6.2	-5.9	-3.1	18.2	13.4	14.2	14.8	16.2	15.8
Burkina Faso	-2.8	-6.9	-4.4	-3.0	-5.0	-3.5	27.8	33.5	37.7	40.0	43.0	43.3
Burundi	-4.1	-7.2	-5.3	-6.0	-9.0	-6.8	40.9	48.6	53.4	59.4	67.7	68.0
Cabo Verde	-7.6	-3.0	-2.8	-1.8	-8.3	-4.3	102.2	127.2	124.9	121.2	132.5	127.7
Cameroon	-3.3	-4.9	-2.5	-2.3	-4.5	-3.6	21.5	37.7	39.5	40.9	45.2	45.9
Central African Rep.	-1.8	-1.1	-1.0	1.4	-2.4	0.4	42.7	50.3	50.0	47.8	46.2	43.6
Chad	-2.0	-0.2	1.9	-0.2	-0.4	-2.2	36.4	49.8	48.4	44.2	47.2	46.5
Comoros	2.2	0.4	-1.0	-2.2	-3.8	-2.7	19.8	18.4	21.1	25.3	31.2	33.6
Congo, Dem. Rep. of	0.1	1.4	-0.0	-2.1	-1.2	-0.3	21.7	19.1	15.3	14.7	15.7	13.2
Congo, Rep. of	-2.8	-7.4	6.6	5.8	5.7	6.1	63.0	117.7	90.3	95.3	120.0	106.9
Côte d'Ivoire	-2.1	-3.3	-2.9	-2.3	-5.3	-2.5	37.4	36.9	39.7	37.8	42.1	40.7
Equatorial Guinea	-7.0	-2.6	0.5	1.7	-4.8	-2.4	16.3	36.2	39.5	41.4	54.2	52.2
Eritrea	-6.1	-6.0	4.2	-1.5	-5.0	-4.5	169.4	202.5	185.6	189.2	184.8	174.7
Eswatini	-3.7	-7.0	-11.2	-8.0	-8.9	-7.6	16.0	25.1	33.4	38.4	46.8	49.5
Ethiopia ¹	-1.8	-3.2	-3.0	-2.5	-3.0	-3.4	47.5	57.7	61.1	57.6	56.9	57.6
Gabon	1.1	-1.7	-0.2	1.9	-2.7	-1.3	34.0	62.9	60.6	58.8	67.2	62.1
Gambia, The	-4.3	-5.0	-6.2	-2.6	-2.4	-2.1	60.2	87.0	86.6	82.5	80.3	74.6
Ghana	-7.1	-4.1	-7.0	-7.4	-10.0	-5.4	44.1	57.2	59.1	63.2	67.6	65.5
Guinea	-3.9	-2.1	-1.1	-0.5	-4.3	-4.1	43.9	40.5	38.0	34.5	43.8	45.3
Guinea-Bissau	-2.3	-1.3	-4.8	-4.9	-4.1	-3.9	55.8	52.5	60.1	69.8	70.9	71.1
Kenya	-6.2	-7.9	-7.4	-7.8	-7.7	-6.9	47.1	55.2	60.1	60.8	64.5	66.8
Lesotho	-4.9	-4.0	-4.4	-3.8	-2.0	-7.0	39.1	38.0	47.1	48.5	51.0	50.5
Liberia	-3.3	-4.8	-5.1	-5.4	-5.2	-4.1	21.8	34.0	39.5	55.4	62.8	65.3
Madagascar	-2.1	-2.1	-1.3	-1.4	-4.0	-4.8	35.9	40.0	39.9	38.4	41.0	41.3
Malawi	-4.1	-7.3	-5.5	-6.4	-6.3	-5.2	47.4	61.1	63.1	63.4	68.0	69.1
Mali	-2.6	-2.9	-4.8	-1.7	-5.8	-3.3	27.8	36.0	37.7	40.5	44.7	45.3
Mauritius	-3.0	-1.4	-2.3	-6.5	-10.6	-5.9	59.1	64.3	66.2	72.8	83.7	83.7
Mozambique	-5.2	-2.9	-6.9	-0.2	-7.7	-6.1	61.9	102.4	107.2	109.0	125.4	124.9
Namibia	-6.1	-5.0	-5.3	-4.7	-7.0	-7.2	29.3	43.9	50.2	53.2	66.6	67.7
Niger	-3.3	-4.1	-3.0	-3.6	-4.2	-3.3	21.8	39.6	39.0	42.0	47.1	45.8
Nigeria	-2.2	-5.4	-4.3	-5.0	-6.4	-5.8	17.8	25.3	27.2	29.4	35.3	37.0
Rwanda	-2.1	-2.5	-2.6	-5.2	-8.1	-4.6	20.9	32.3	34.8	38.6	55.1	57.1
São Tomé & Príncipe	-7.0	-2.7	-1.9	-1.8	-4.5	-1.9	80.0	85.8	83.1	73.1	73.5	69.1
Senegal	-4.0	-3.0	-3.6	-3.9	-5.6	-3.3	38.1	61.1	62.1	64.2	67.4	67.6
Seychelles	1.8	0.5	0.2	0.9	-14.1	-5.7	74.5	62.3	57.7	55.3	77.1	73.1
Sierra Leone	-4.8	-8.8	-5.6	-2.9	-5.6	-5.4	43.1	69.2	68.7	67.2	72.9	73.7
South Africa	-4.4	-4.4	-4.1	-6.3	-13.3	-12.7	43.7	53.0	56.7	62.2	77.4	85.6
South Sudan	-9.3	3.3	-0.6	-0.3	-2.7	-1.2	40.0	82.8	57.7	41.8	35.3	30.5
Tanzania	-3.5	-1.2	-1.9	-2.9	-3.8	-4.4	32.0	37.7	38.6	38.1	40.0	41.8
Togo	-6.5	-0.3	-0.8	2.1	-4.1	-1.6	59.3	76.0	76.2	70.9	69.1	64.9
Uganda	-3.6	-3.2	-3.8	-6.7	-6.8	-6.6	24.7	33.7	35.6	40.0	46.3	50.7
Zambia	-5.0	-7.7	-8.2	-7.6	-5.7	-6.9	36.0	63.1	75.0	85.7	109.9	112.6
Zimbabwe ²	-1.3	-8.1	-4.5	-2.6	-4.9	-1.5	43.3	52.9	37.3	11.0	3.2	2.6
Sub-Saharan Africa	-3.1	-4.5	-3.6	-4.3	-7.0	-6.0	33.1	45.6	48.4	50.1	55.9	57.4
Median	-3.3	-3.2	-3.0	-2.6	-5.0	-3.9	37.1	50.3	50.2	53.2	56.9	57.6
Excluding Nigeria and South Africa	-2.9	-4.2	-3.0	-3.3	-5.3	-3.9	37.4	51.6	54.4	55.7	59.5	59.0
Oil-exporting countries	-1.9	-5.3	-2.5	-3.4	-5.8	-4.9	23.7	38.7	41.9	43.9	48.7	48.4
Excluding Nigeria	-1.3	-5.1	1.2	0.5	-4.0	-2.1	36.8	62.9	71.0	79.2	88.2	83.6
Oil-importing countries	-4.0	-4.0	-4.2	-4.9	-7.7	-6.7	40.3	49.7	52.0	53.8	60.2	63.0
Excluding South Africa	-3.6	-3.9	-4.2	-4.2	-5.6	-4.3	38.1	47.9	49.6	49.8	53.6	53.9
Middle-income countries	-3.2	-5.0	-3.8	-4.9	-8.1	-6.9	32.5	45.5	49.3	52.1	59.3	61.1
Excluding Nigeria and South Africa	-3.0	-5.2	-3.2	-3.8	-6.5	-4.3	38.7	55.8	61.3	65.6	71.5	70.1
Low-income countries	-2.7	-2.8	-2.7	-2.6	-4.0	-3.6	35.8	46.0	45.5	44.0	46.7	47.0
Excluding low-income countries in fragile situations	-3.0	-3.1	-3.1	-3.0	-4.3	-4.3	35.6	47.5	49.7	49.5	52.1	53.1
Countries in fragile situations	-2.2	-3.0	-1.8	-1.6	-3.6	-1.9	37.9	45.6	41.8	38.5	41.4	40.1
CFA franc zone	-2.6	-3.6	-2.0	-1.3	-4.2	-2.5	31.6	46.2	46.9	47.1	51.4	50.1
CEMAC	-2.7	-3.6	0.0	0.3	-2.6	-1.8	30.0	52.4	50.8	51.3	57.8	55.6
WAEMU	-2.8	-3.6	-3.4	-2.3	-5.0	-2.8	33.5	42.3	44.3	44.5	48.0	47.2
COMESA (SSA members)	-3.2	-4.5	-4.3	-4.9	-5.3	-4.7	39.6	49.5	50.9	50.5	54.0	55.2
EAC-5	-4.5	-4.7	-4.9	-6.0	-6.4	-6.0	36.1	44.7	48.1	49.3	53.7	56.2
ECOWAS	-2.8	-4.8	-4.3	-4.5	-6.4	-5.1	23.5	33.4	35.5	36.8	42.1	42.5
SACU	-4.3	-4.3	-4.3	-6.2	-12.5	-11.9	41.9	50.5	54.2	59.2	73.4	81.0
SADC	-3.2	-4.2	-3.0	-4.4	-8.9	-8.1	40.8	52.8	56.9	61.1	70.7	74.4

See footnote on page 17.

Table SA3. Broad Money and External Current Account, Including Grants

	Broad Money (Percent of GDP)						External Current Account, Including Grants (Percent of GDP)					
	2010–16	2017	2018	2019	2020	2021	2010–16	2017	2018	2019	2020	2021
Angola	35.8	32.2	29.3	31.5	31.5	31.8	3.1	-0.5	7.0	2.9	-6.7	-3.0
Benin	27.7	28.6	27.9	28.4	28.4	28.4	-3.3	-4.2	-4.6	-5.1	-5.3	-3.7
Botswana	43.6	40.2	41.2	42.9	43.2	40.6	5.8	6.1	2.1	-5.2	-2.5	-1.7
Burkina Faso	28.1	38.6	38.9	41.3	45.0	47.4	-5.0	-5.0	-4.1	-4.4	-4.3	-4.5
Burundi	21.1	21.3	25.5	32.4	33.3	33.3	-17.4	-14.2	-15.0	-16.4	-17.1	-16.6
Cabo Verde	89.6	104.6	99.4	98.2	101.5	99.2	-8.9	-7.9	-5.3	-0.2	-7.7	-7.6
Cameroon	21.7	22.6	24.4	24.5	24.1	24.1	-3.4	-2.7	-3.6	-3.7	-5.7	-4.8
Central African Rep.	21.8	25.0	27.1	26.2	29.0	27.6	-7.5	-7.8	-8.0	-4.9	-5.3	-5.0
Chad	13.7	15.3	14.3	17.0	18.3	17.8	-9.2	-7.1	-1.4	-4.9	-12.9	-10.1
Comoros	23.2	27.2	28.2	28.0	27.7	27.5	-2.8	-2.1	-2.8	-3.8	-5.7	-4.5
Congo, Dem. Rep. of	11.5	13.5	12.8	15.4	15.0	15.4	-5.3	-3.3	-3.6	-4.2	-5.4	-4.1
Congo, Rep. of	34.8	34.1	26.2	28.9	40.7	38.6	-9.1	-3.5	7.2	8.4	-1.2	-2.8
Côte d'Ivoire	11.2	10.1	10.2	11.6	10.7	10.8	1.0	-2.0	-3.6	-2.7	-3.3	-2.5
Equatorial Guinea	14.9	16.5	15.4	15.5	18.9	18.3	-9.0	-5.8	-5.4	-5.8	-10.4	-7.0
Eritrea	185.5	252.5	239.7	237.7	230.6	222.4	10.2	24.0	19.0	12.1	10.2	9.4
Eswatini	25.6	29.3	28.9	27.7	27.3	27.1	4.8	7.0	2.0	6.2	3.5	4.0
Ethiopia ¹	27.5	31.3	33.7	32.9	31.3	30.8	-6.4	-8.5	-6.5	-5.3	-5.3	-4.6
Gabon	23.2	22.7	24.3	23.3	26.9	26.6	8.0	-6.9	-3.2	-0.8	-8.4	-6.1
Gambia, The	35.5	40.1	42.9	48.4	50.1	50.0	-7.9	-7.4	-9.7	-5.4	-9.8	-9.8
Ghana	23.5	25.8	25.4	26.8	26.6	26.8	-7.0	-3.4	-3.1	-2.7	-4.5	-3.0
Guinea	24.6	23.9	22.5	24.0	25.5	24.1	-16.4	-6.7	-18.7	-13.7	-22.9	-16.1
Guinea-Bissau	35.1	41.1	43.0	45.5	45.5	45.5	-2.5	0.3	-3.5	-10.2	-7.4	-6.4
Kenya	41.4	37.2	37.5	35.7	35.5	36.8	-7.7	-6.2	-5.0	-4.5	-4.6	-4.4
Lesotho	34.3	39.1	40.1	39.4	40.4	39.9	-7.6	-2.4	-1.2	-8.3	6.9	-8.2
Liberia	20.2	18.6	19.6	20.9	22.0	22.3	-17.7	-22.7	-22.4	-22.3	-18.7	-19.7
Madagascar	22.2	25.8	25.5	24.8	27.3	27.3	-4.3	-0.4	0.7	-2.5	-2.9	-3.0
Malawi	24.4	23.6	23.6	22.6	22.6	22.6	-11.2	-25.6	-20.5	-17.2	-17.9	-17.9
Mali	26.0	27.0	29.2	29.5	29.7	29.7	-5.4	-7.3	-4.9	-4.2	-3.7	-3.9
Mauritius	101.3	114.2	115.1	119.6	119.6	119.6	-7.1	-4.6	-5.8	-5.8	-8.4	-7.9
Mozambique	31.1	34.3	35.0	37.9	38.0	38.0	-32.8	-19.1	-30.9	-42.2	-68.8	-74.0
Namibia	58.8	57.9	58.9	63.6	63.6	63.6	-8.0	-4.0	-2.7	-2.3	-0.4	-1.0
Niger	17.3	17.7	15.8	17.1	16.4	16.9	-13.2	-11.4	-12.7	-13.2	-13.5	-16.6
Nigeria	21.2	24.7	25.4	23.9	24.0	24.2	1.6	2.8	1.3	-3.8	-3.3	-2.5
Rwanda	21.3	23.6	25.3	26.2	26.0	27.8	-10.7	-7.5	-8.0	-9.2	-16.2	-10.2
São Tomé & Príncipe	38.3	32.9	35.6	32.5	33.4	33.4	-18.0	-13.2	-11.1	-12.3	-10.6	-8.9
Senegal	31.3	37.8	40.7	41.2	40.3	39.1	-6.3	-7.3	-8.8	-9.1	-11.3	-11.4
Seychelles	62.8	76.4	77.6	83.1	82.6	83.1	-19.7	-20.1	-17.9	-16.7	-27.8	-23.6
Sierra Leone	22.7	23.7	23.0	22.5	23.6	23.5	-24.4	-21.0	-18.7	-13.9	-14.3	-12.7
South Africa	73.0	72.2	72.8	72.8	72.3	71.9	-3.9	-2.5	-3.5	-3.0	0.2	-1.3
South Sudan	20.0	13.9	13.7	11.2	13.4	13.2	-0.2	-3.4	-9.3	-2.5	-2.4	0.3
Tanzania	23.1	20.7	20.3	19.7	20.4	20.8	-9.0	-2.9	-3.5	-3.2	-3.8	-3.8
Togo	46.3	56.0	57.2	55.6	58.6	59.0	-9.3	-2.0	-3.5	-4.3	-5.4	-4.5
Uganda	17.9	18.8	18.9	18.5	18.6	18.5	-6.2	-4.5	-7.2	-9.5	-9.7	-8.1
Zambia	20.7	22.0	22.3	21.9	22.5	22.4	1.8	-1.7	-1.3	1.0	-2.0	-2.6
Zimbabwe ²	22.1	28.5	23.6	21.3	15.0	16.1	-10.9	-1.3	-5.9	1.1	-1.9	-1.9
Sub-Saharan Africa	35.3	35.9	36.0	35.6	35.3	35.3	-2.6	-2.2	-2.5	-4.0	-4.7	-4.2
Median	25.3	27.2	27.1	28.0	28.4	27.8	-6.5	-4.5	-4.6	-4.5	-5.4	-4.6
Excluding Nigeria and South Africa	28.0	28.6	28.6	29.1	29.1	29.1	-4.6	-4.3	-3.8	-4.4	-7.0	-6.1
Oil-exporting countries	23.1	25.2	25.3	24.5	25.0	25.1	1.2	1.0	1.7	-2.6	-4.2	-3.0
Excluding Nigeria	27.8	26.5	25.0	26.1	27.5	27.3	0.2	-2.2	2.5	0.3	-6.8	-4.4
Oil-importing countries	43.9	42.8	42.7	42.4	41.5	41.3	-5.6	-4.2	-4.9	-4.8	-5.0	-5.0
Excluding South Africa	28.0	29.2	29.5	29.8	29.4	29.5	-6.8	-5.0	-5.6	-5.6	-7.0	-6.5
Middle-income countries	38.7	39.1	39.2	38.8	38.4	38.5	-1.1	-1.0	-1.1	-3.0	-3.2	-2.8
Excluding Nigeria and South Africa	31.2	30.8	30.4	31.2	31.3	31.2	-1.7	-2.9	-1.3	-2.2	-5.1	-4.1
Low-income countries	24.1	26.3	26.6	26.8	26.8	26.9	-8.8	-6.3	-7.1	-7.0	-8.9	-8.2
Excluding low-income countries in fragile situations	24.1	26.1	26.7	26.6	26.7	26.9	-9.7	-6.7	-7.2	-7.8	-9.3	-9.0
Countries in fragile situations	21.7	22.5	21.7	22.6	22.9	22.6	-5.4	-4.8	-5.4	-4.3	-6.6	-5.4
CFA franc zone	21.8	23.5	23.8	24.7	25.6	25.4	-3.4	-4.7	-4.3	-4.1	-6.3	-5.7
CEMAC	21.4	22.4	22.1	22.8	25.4	24.9	-3.4	-4.7	-2.3	-2.2	-7.1	-5.8
WAEMU	22.0	24.2	24.8	25.7	25.7	25.7	-3.7	-4.8	-5.5	-5.3	-5.9	-5.7
COMESA (SSA members)	30.3	32.0	32.5	32.2	31.4	31.7	-6.2	-5.4	-5.2	-4.8	-5.8	-5.1
EAC-5	28.3	26.3	26.4	25.6	25.8	26.5	-8.2	-5.1	-5.2	-5.4	-5.9	-5.3
ECOWAS	21.8	24.9	25.4	24.8	25.0	25.1	-0.5	-0.1	-1.4	-4.4	-4.6	-3.7
SACU	70.4	69.4	70.0	70.2	69.7	69.2	-3.5	-2.1	-3.2	-3.0	0.1	-1.3
SADC	53.1	51.4	50.9	51.2	50.4	50.3	-3.7	-2.5	-2.5	-3.2	-4.0	-4.2

See footnote on page 17.

Table SA4. External Debt, Official Debt, Debtor Based and Reserves

	External Debt, Official Debt, Debtor Based						Reserves					
	(Percent of GDP)						(Months of imports of goods and services)					
	2010–16	2017	2018	2019	2020	2021	2010–16	2017	2018	2019	2020	2021
Angola	25.2	38.2	46.5	58.0	85.4	79.9	8.1	8.4	7.7	11.5	9.3	9.2
Benin ¹	13.2	16.8	18.6	22.8	22.9	22.9	...	...	...	...	...	...
Botswana	15.7	12.6	11.3	11.0	8.8	8.4	11.8	12.4	11.5	11.8	10.2	9.2
Burkina Faso ¹	21.0	22.1	20.7	22.4	22.9	21.8	...	...	...	...	...	...
Burundi	20.7	16.0	16.1	16.6	19.4	18.9	3.0	1.3	0.8	0.7	0.7	0.7
Cabo Verde	75.0	100.6	99.5	98.7	106.6	100.4	5.0	5.2	5.8	8.6	8.4	7.7
Cameroon ²	13.6	26.3	27.6	30.2	34.5	35.2	...	...	...	...	...	...
Central African Rep. ²	22.3	29.5	26.9	27.2	26.6	24.9	...	...	...	...	...	...
Chad ²	23.6	26.3	24.2	24.2	26.9	24.1	...	...	...	...	...	...
Comoros	18.6	17.8	18.9	23.6	29.8	32.4	7.0	6.8	6.9	6.8	5.9	5.5
Congo, Dem. Rep. of	16.6	14.6	12.9	12.6	13.1	11.3	1.2	0.4	0.5	0.8	0.9	1.5
Congo, Rep. of ²	27.6	40.0	34.0	38.9	56.4	52.8	...	...	...	...	...	...
Côte d'Ivoire ¹	24.1	24.0	26.9	26.6	31.5	30.8	...	...	...	...	...	...
Equatorial Guinea ²	7.4	9.2	9.2	11.2	20.1	23.2	...	...	...	...	...	...
Eritrea	62.2	70.9	64.4	61.7	58.1	54.0	3.1	2.3	2.6	2.3	2.2	2.7
Eswatini	7.9	8.9	9.8	11.7	18.3	19.8	4.0	3.3	2.8	2.8	3.3	3.1
Ethiopia ³	22.9	29.1	30.6	28.4	29.9	31.8	2.0	2.0	1.7	2.3	2.1	2.6
Gabon ²	23.9	40.6	38.5	39.0	48.8	46.7	...	...	...	...	...	...
Gambia, The	32.0	45.8	46.6	45.1	45.7	43.9	4.0	2.8	2.7	3.8	3.7	4.1
Ghana	21.8	29.1	30.6	30.2	36.0	33.2	2.7	2.8	2.6	3.4	2.7	2.8
Guinea	28.7	20.5	19.3	19.3	29.0	32.7	2.3	1.4	2.1	2.3	2.1	2.3
Guinea-Bissau ¹	24.7	18.2	20.8	23.9	23.6	23.5	...	...	...	...	...	...
Kenya	22.1	27.1	30.4	31.3	31.3	30.8	4.1	4.2	4.8	6.0	4.7	4.4
Lesotho	33.3	36.4	36.2	34.1	40.5	34.0	5.0	4.4	3.4	4.9	3.9	3.5
Liberia	10.8	24.2	28.6	36.2	43.3	46.4	1.9	2.5	2.3	2.5	2.6	2.8
Madagascar	22.6	24.8	25.6	27.0	28.9	30.3	2.8	3.8	4.3	4.5	3.5	3.7
Malawi	21.8	32.8	31.1	29.7	29.6	31.3	2.0	3.1	3.0	3.2	3.3	3.4
Mali ¹	21.4	26.2	24.0	26.3	28.6	28.4	...	...	...	...	...	...
Mauritius	14.1	12.9	11.2	13.9	16.8	17.9	6.1	9.5	10.2	16.4	7.9	6.9
Mozambique	50.7	94.3	91.3	93.0	105.1	108.7	3.1	3.7	2.9	3.2	2.4	2.0
Namibia	9.4	16.2	16.1	18.3	20.9	19.0	2.6	1.7	2.0	2.8	2.9	3.3
Niger ¹	15.0	25.3	23.2	25.3	29.3	28.6	...	...	...	...	...	...
Nigeria	6.5	15.6	16.5	15.5	17.4	16.9	5.9	6.6	5.1	6.1	3.9	3.2
Rwanda	21.3	37.3	40.8	45.1	47.7	48.4	4.8	4.4	4.7	5.5	3.6	3.6
São Tomé & Príncipe	77.9	78.0	66.3	66.7	73.5	69.1	4.0	3.6	2.7	3.8	3.0	3.2
Senegal ¹	26.5	39.4	44.9	47.1	48.6	47.3	...	...	...	...	...	...
Seychelles	41.2	29.3	28.4	26.9	32.3	27.0	3.3	3.5	3.6	5.3	2.0	1.8
Sierra Leone	28.3	40.5	38.6	39.7	46.8	48.7	2.7	4.0	3.5	4.0	3.6	3.4
South Africa	13.6	21.3	18.2	21.4	22.0	22.1	5.3	5.6	6.0	8.9	7.6	7.0
South Sudan	...	...	...	...	...	...	2.4	0.1	0.2	0.6	0.2	0.3
Tanzania	23.8	28.6	28.8	27.4	28.1	28.8	4.2	6.2	5.7	4.9	4.6	4.4
Togo ¹	16.3	21.1	19.7	23.5	26.2	25.4	...	...	...	...	...	...
Uganda	14.5	21.6	23.6	26.6	29.0	30.1	4.7	4.5	4.1	4.1	3.7	3.5
Zambia	19.3	36.7	41.7	50.5	70.7	73.2	3.0	2.2	2.1	2.2	1.1	0.8
Zimbabwe ⁴	36.6	31.1	33.9	39.1	42.2	42.5	0.5	0.5	0.2	0.2	0.2	0.2
Sub-Saharan Africa	15.4	24.2	24.6	25.7	28.7	28.1	5.0	5.0	4.6	5.9	4.4	4.2
Median	21.5	26.3	27.2	27.1	29.7	30.8	3.5	3.6	3.0	3.8	3.3	3.3
Excluding Nigeria and South Africa	21.9	29.2	30.7	32.3	36.5	36.1	4.2	4.0	3.8	4.6	3.7	3.7
Oil-exporting countries	11.2	22.1	23.5	23.5	27.3	26.1	6.0	6.4	5.2	6.5	4.4	3.9
Excluding Nigeria	21.8	34.1	37.6	43.8	57.8	55.1	6.4	6.0	5.3	7.4	5.9	5.8
Oil-importing countries	18.6	25.4	25.2	26.9	29.5	29.3	4.1	4.2	4.3	5.5	4.5	4.4
Excluding South Africa	22.1	27.7	28.8	29.5	32.3	32.3	3.3	3.4	3.3	3.9	3.2	3.3
Middle-income countries	13.7	23.0	23.5	24.7	28.0	27.1	5.5	5.6	5.2	6.9	5.1	4.7
Excluding Nigeria and South Africa	21.3	30.0	32.7	35.5	41.9	40.6	5.4	4.9	4.7	6.2	4.7	4.6
Low-income countries	23.1	28.2	28.2	28.6	30.6	31.2	2.7	2.8	2.6	2.8	2.6	2.7
Excluding low-income countries in fragile situations	22.8	30.6	31.3	31.4	33.1	34.2	3.1	3.7	3.3	3.5	3.1	3.2
Countries in fragile situations	23.9	25.0	24.6	25.2	28.9	28.3	2.7	1.5	1.7	2.2	2.1	2.4
CFA franc zone	19.6	26.6	27.3	29.1	33.4	32.7	5.0	3.2	3.6	4.6	3.9	3.9
CEMAC	17.5	27.9	27.3	29.6	36.4	36.0	4.8	2.3	2.8	3.7	3.7	3.7
WAEMU	21.5	25.7	27.3	28.8	31.7	31.0	5.1	4.0	4.4	5.5	4.1	4.0
COMESA (SSA members)	21.0	26.2	27.6	28.6	30.7	31.1	3.0	3.0	3.1	3.8	3.0	3.1
EAC-5	20.9	26.9	29.0	29.8	30.6	30.8	4.3	4.8	4.9	5.2	4.4	4.2
ECOWAS	11.0	19.8	21.0	20.4	23.2	22.4	5.0	5.2	4.1	5.1	3.5	3.1
SACU	13.6	20.7	17.9	20.7	21.4	21.4	5.4	5.7	6.1	8.7	7.5	6.9
SADC	18.2	26.4	25.7	28.8	32.9	32.3	5.3	5.6	5.6	7.6	6.1	5.8

See footnote on page 17.