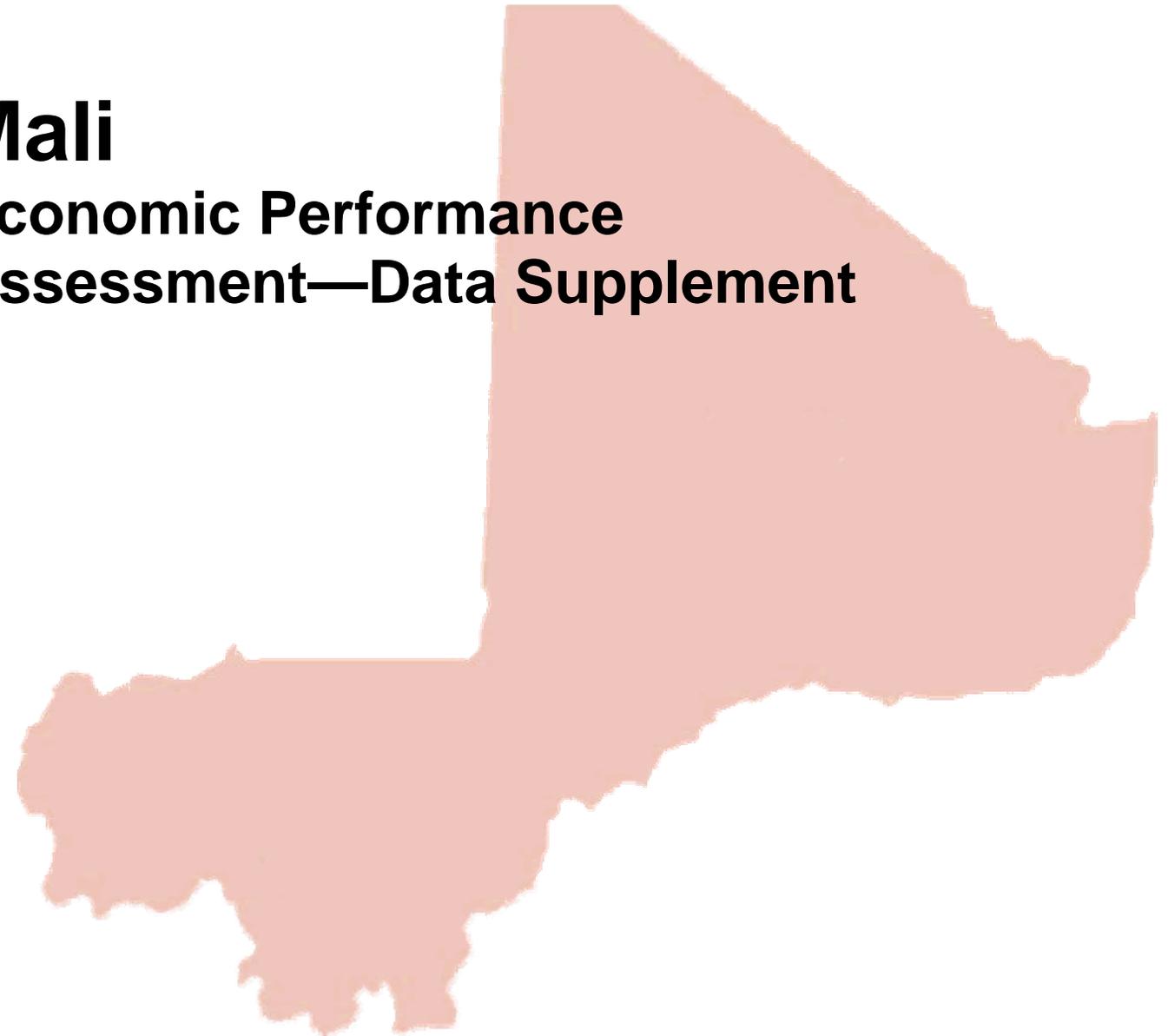




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Mali

Economic Performance Assessment—Data Supplement



July 2005

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Mali

Economic Performance Assessment—Data Supplement

Sponsored by the Economic Growth office of USAID's Bureau of Economic Growth, Agriculture and Trade (EGAT), and implemented by Nathan Associates Inc. under Contract No. PCE-I-00-00-00013-00, Task Order 004, the Country Analytical Support (CAS) Project, 2005-2006, has developed a standard methodology for producing analytical reports that provide a clear and concise evaluation of economic growth performance in designated host countries. These reports are tailored to meet the needs of USAID missions and regional bureaus for country-specific analysis. Each report contains

- A synthesis of data from numerous sources, including World Bank publications and other international data sets used by USAID for economic growth analysis, as well as host-country data sources;
- International benchmarking to assess country performance in comparison to similar countries and groups of countries;
- A clear narrative that highlights where a country's performance is particularly strong or weak, thereby assisting in the identification of future programming priorities.

Under the CAS Project, Nathan Associates will also respond to mission requests for in-depth sector studies that examine issues identified in these country reports.

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The CTO for this project is Yoon Lee. USAID missions and bureaus may seek assistance and funding for CAS studies by contacting Rita Aggarwal, USAID/EGAT/EG Activity Manager for the CAS project, at raggarwal@usaid.gov.

Electronic copies of reports and materials relating to the CAS project are available at www.nathaninc.com. For further information or hard copies of CAS publications, please contact

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Mali Dataset (1)

Growth Performance							
	Per capita GDP, purchasing power parity Dollars	Per capita GDP, current U.S. Dollars	Real GDP growth	Growth of labor productivity	Investment productivity - incremental capital-output ratio (ICOR)	Share of gross fixed investment in GDP, current prices	Share of gross non-government investment in GDP, current prices
Indicator Number	11P1	11P2	11P3	11S1	11S2	11S3	11S4
Mali Data							
<i>Latest Year (T)</i>	<i>2004</i>	<i>2004</i>	<i>2004</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>
Value Year T	1,024	404	2.2	3.2	3.5	24.9	18.8
Value Year T-1	979	371	7.4	1.7	3.4	18.6	11.6
Value Year T-2	928	287	4.3	9.2	3.2	27.0	20.8
Value Year T-3	896	265	12.1	1.0	4.2	22.3	14.5
Value Year T-4	798	240	-3.2	4.5	3.8	21.2	7.4
Average Value, 5 year	925	313	4.6	3.9	3.6	22.5	14.6
Growth Trend	6.0	14.8	.	-1.3	-3.5	0.2	.
Benchmark Data							
Regression Benchmark	.	.	4.7	.	.	.	.
Lower Bound	.	.	3.4	.	.	.	.
Upper Bound	.	.	6.1	.	.	.	.
<i>Latest Year Senegal</i>	<i>2004</i>	<i>2004</i>	<i>2004</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>	.
Senegal Value Latest Year	1,813	733	6.0	3.3	3.9	19.7	.
<i>Latest Year Ghana</i>	<i>2004</i>	<i>2004</i>	<i>2004</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>	.
Ghana Value Latest Year	2,475	434	5.5	1.7	5.1	21.9	.
Low Income Africa Avg.	1,267	407	4.8	1.9	4.9	19.2	10.2
Low Income Avg.	1,560	419	5.3	2.0	4.5	19.7	.
High Five Avg.	42,809	52,715	21.2	14.1	70.2	48.6	.
Low Five Avg.	664	121	-2.9	-13.3	-302.9	7.7	.

(1) For definitions and methodology please see Technical Notes.

Mali Dataset (1)

Poverty and Inequality							
	Human poverty index	Income share accruing to poorest 20%	Population (%) living on less than \$1 PPP per day	Poverty headcount (%), by national poverty line	PRSP Status	Population (%) below minimum dietary energy consumption	Poverty gap at \$1 PPP a day
Indicator Number	12P1	12P2	12P3	12P4	12P5	12S1	12S2
Mali Data							
Latest Year (T)	2002	.	.	2001	2003	2001	.
Value Year T	58.9	.	.	68.0	Yes	21.0	.
Value Year T-1	55.1	.	.	.	.	.	.
Value Year T-2	.	.	.	64.2	.	.	.
Value Year T-3	.	.	.	69.0	.	.	.
Value Year T-4	.	.	.	.	.	.	.
Average Value, 5 year	.	.	.	.	.	.	.
Growth Trend	.	.	.	.	.	.	.
Benchmark Data							
Regression Benchmark	45.3	5.7	41.7	55.1	.	.	.
Lower Bound	39.6	4.9	33.8	45.1	.	.	.
Upper Bound	50.9	6.5	49.7	65.0	.	.	.
Latest Year Senegal	2002	.	.	.	.	2001	.
Senegal Value Latest Year	44.1	.	.	.	.	24.0	.
Latest Year Ghana	2002	1999	.	1999	.	2001	.
Ghana Value Latest Year	26.0	5.6	.	39.5	.	12.0	.
Low Income Africa Avg.	45.0	5.3	25.9	38.0	.	33.0	7.6
Low Income Avg.	41.9	7.2	21.8	40.2	.	28.0	5.7
High Five Avg.	58.7	8.7	33.5	41.2	.	66.0	11.8
Low Five Avg.	3.9	5.9	2.0	37.1	.	3.0	0.5

(1) For definitions and methodology please see Technical Notes.

Mali Dataset (1)

Economic Structure						
Indicator Number	Labor force in agriculture, % total employment	Labor force in industry, % total employment	Labor force in services, % total employment	Output structure (agriculture, value added, % GDP)	Output structure (industry, value added, % GDP)	Output structure (services, etc., value added, % GDP)
	13P1a	13P1b	13P1c	13P2a	13P2b	13P2c
Mali Data						
<i>Latest Year (T)</i>	2001	.	.	2003	2003	2003
Value Year T	80.0	.	.	38.4	26.1	35.5
Value Year T-1	.	.	.	34.2	29.7	36.1
Value Year T-2	.	.	.	37.8	26.4	35.8
Value Year T-3	.	.	.	41.6	20.6	37.9
Value Year T-4	.	.	.	46.5	16.7	36.8
Average Value, 5 year	.	.	.	39.7	23.9	36.4
Growth Trend	.	.	.	-5.6	13.4	-1.2
Benchmark Data						
Regression Benchmark	.	.	.	.	.	.
Lower Bound	.	.	.	.	.	.
Upper Bound	.	.	.	.	.	.
<i>Latest Year Senegal</i>	.	.	.	2003	2003	2003
Senegal Value Latest Year	.	.	.	16.8	21.2	62.0
<i>Latest Year Ghana</i>	.	.	.	2003	2003	2003
Ghana Value Latest Year	.	.	.	35.8	24.9	39.3
Low Income Africa Avg.	18.6	19.5	61.9	31.7	21.2	41.9
Low Income Avg.	48.7	14.4	33.5	29.7	23.2	43.0
High Five Avg.	41.5	37.1	72.8	56.0	66.2	77.7
Low Five Avg.	0.3	12.9	36.0	0.8	12.3	15.4

(1) For definitions and methodology please see Technical Notes.

Mali Dataset (1)

	Demography and Environment						Gender		
	Adult literacy rate	Age dependency rate	Environmental sustainability index	Population size (millions)	Population growth rate	Urbanization rate	Ratio of male to female - adult literacy rate	Ratio of male to female - gross enrollment rate, all levels	Ratio of male to female - life expectancy at birth
Indicator Number	14P1	14P2	14P3	14P4a	14P4b	14P5	15P1	15P2	15P3
Mali Data									
<i>Latest Year (T)</i>	2006	2003	2005	2003	2003	2003	2002	2,002.0	2002
Value Year T	19.0	1.00	53.7	11.7	2.4	32.3	2.24	1.48	0.98
Value Year T-1	24.9	1.00	.	11.4	2.4	31.6	.	.	.
Value Year T-2	24.2	1.01	.	11.1	2.4	30.9	.	.	.
Value Year T-3	23.5	1.01	.	10.8	2.4	30.2	.	.	.
Value Year T-4	22.8	1.01	.	10.6	2.4	29.5	.	.	.
Average Value, 5 year	22.9	1.00	.	11.1	2.4	30.9	.	.	.
Growth Trend	-2.9	-0.26	.	2.4	0.2	2.2	.	.	.
Benchmark Data									
Regression Benchmark	.	.	47.0	.	.	30.7	.	.	.
Lower Bound	.	.	43.3	.	.	21.5	.	.	.
Upper Bound	.	.	50.7	.	.	40.0	.	.	.
<i>Latest Year Senegal</i>	2002	2003	2002	2003	2003	2003	2002	2002	2002
Senegal Value Latest Year	39.3	0.86	47.6	10.2	2.3	49.6	1.65	1.17	0.92
<i>Latest Year Ghana</i>	2002	2003	2002	2003	2003	2003	2002	2002	2002
Ghana Value Latest Year	73.8	0.86	50.2	20.7	1.8	37.1	1.24	1.16	0.95
Low Income Africa Avg.	59.8	0.89	44.9	10.2	2.3	35.5	1.44	1.20	0.95
Low Income Avg.	59.9	0.86	45.5	9.9	2.2	34.1	1.36	1.19	0.95
High Five Avg.	99.7	1.03	.	607.0	4.6	100.0	2.40	1.69	1.01
Low Five Avg.	35.7	0.38	.	0.0	-0.8	9.0	0.92	0.84	0.85

(1) For definitions and methodology please see Technical Notes.

Mali Dataset (1)

Fiscal and Monetary Policy										
	Government expenditure, % GDP	Government revenue, % GDP	Growth in the broad money supply	Inflation rate	Overall government budget balance, including grants, % GDP	Composition of government expenditure (wages and salaries)	Composition of government expenditure (interest payments)	Composition of government expenditure (goods and services)	Composition of government expenditure (subsidies and other current transfers)	Composition of government expenditure (capital expenditure)
Indicator Number	21P1	21P2	21P3	21P4	21P5	21S1a	21S1b	21S1c	21S1d	21S1e
Mali Data										
<i>Latest Year (T)</i>	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004
Value Year T	24.8	17.2	6.6	-3.1	-2.8	18.9	2.9	21.4	19.3	40.3
Value Year T-1	22.1	16.4	21.9	-1.3	-0.8	18.7	3.3	18.9	21.4	38.5
Value Year T-2	23.2	15.9	28.4	2.4	-3.7	17.3	3.4	20.2	25.3	37.5
Value Year T-3	.	.	19.6	5.2	.	.	.	.	.	.
Value Year T-4	.	.	12.2	-0.7	.	.	.	.	.	.
Average Value, 5 year	23.4	16.5	17.7	0.5	-2.4	18.3	3.2	20.2	22.0	38.8
Growth Trend	.	.	-3.6	.	.	.	.	.	.	.
Benchmark Data										
Regression Benchmark	17.2	14.8	18.9	7.6	0.4	.	.	.	.	.
Lower Bound	13.1	10.8	11.9	4.3	-1.8	.	.	.	.	.
Upper Bound	21.2	18.8	25.9	10.9	2.6	.	.	.	.	.
<i>Latest Year Senegal</i>	2007	2007	2003	2004	2007	.	.	.	.	.
Senegal Value Latest Year	15.4	17.8	14.6	0.5	-2.2	.	.	.	.	.
<i>Latest Year Ghana</i>	.	.	2003	2004	.	.	.	.	.	.
Ghana Value Latest Year	.	.	34.2	12.6	.	.	.	.	.	.
Low Income Africa Avg.	20.1	12.2	15.4	8.0	-4.6	.	.	.	.	.
Low Income Avg.	19.2	14.9	15.8	7.6	-0.8	.	.	.	.	.
High Five Avg.	43.7	44.1	134.4	85.3	.	.	.	.	.	.
Low Five Avg.	12.1	8.6	-8.5	-2.7	.	.	.	.	.	.

(1) For definitions and methodology please see Technical Notes.

Mali Dataset (1)

Fiscal and Monetary Policy (cont'd)										
Indicator Number	21S2a	21S2b	21S2c	21S2d	21S2e	21S3a	21S3b	21S3c	21S3d	21S3e
Mali Data										
<i>Latest Year (T)</i>	2004	2004	2004	2004	2004	2004
Value Year T	3.7	9.6	13.2	0.0	134.9	-57.7
Value Year T-1	8.3	-36.0	52.0	0.0	93.9	-1.7
Value Year T-2	8.4	.	.	.	.	.
Value Year T-3
Value Year T-4
Average Value, 5 year	6.8	-13.2	.	.	114.4	.
Growth Trend
Benchmark Data										
Regression Benchmark
Lower Bound
Upper Bound
<i>Latest Year Senegal</i>
Senegal Value Latest Year
<i>Latest Year Ghana</i>
Ghana Value Latest Year
Low Income Africa Avg.
Low Income Avg.
High Five Avg.
Low Five Avg.

(1) For definitions and methodology please see Technical Notes.

Mali Dataset (1)

Business Environment											
	Corruption perception index	Doing Business composite index	Rule of law index	Regulatory quality index	Cost of starting a business, % GNI per capita	Procedures to enforce a contract	Procedures to register property	Procedures to start a business	Time to enforce a contract	Time to register property	Time to start a business
Indicator Number	22P1	22P2	22P3	22P4	22S1	22S2	22S3	22S4	22S5	22S6	22S7
Mali Data											
Latest Year (T)	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004
Value Year T	3.2	50.8	-0.34	-0.26	187	28	5	13.0	340	44	42
Value Year T-1	3.0	.	.	.	.	.	.	.	.	.	.
Value Year T-2	.	.	-0.47	-0.39	.	.	.	.	.	.	.
Value Year T-3	.	.	.	.	.	.	.	.	.	.	.
Value Year T-4	.	.	-0.71	0.24	.	.	.	.	.	.	.
Average Value, 5 year	.	.	.	.	.	.	.	.	.	.	.
Growth Trend	.	.	.	.	.	.	.	.	.	.	.
Benchmark Data											
Regression Benchmark	.	.	.	.	.	.	.	.	.	.	.
Lower Bound	.	.	.	.	.	.	.	.	.	.	.
Upper Bound	.	.	.	.	.	.	.	.	.	.	.
Latest Year Senegal	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004
Senegal Value Latest Year	3.0	53.5	-0.20	-0.31	113	36	6	9.0	485	114	57
Latest Year Ghana	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004
Ghana Value Latest Year	3.6	61.9	-0.16	-0.28	88	23	7	12.0	200	382	85
Low Income Africa Avg.	2.3	56.4	-1.00	-0.77	185	35	6	11.0	415	93	46
Low Income Avg.	2.3	60.0	-0.98	-0.77	134	35	6	11.0	395	70	45
High Five Avg.	9.5	82.5	1.98	1.88	726	55	16	17.2	1,178	485	172
Low Five Avg.	1.6	41.8	-1.92	-2.29	0	13	2	2.4	51	2	4

(1) For definitions and methodology please see Technical Notes.

Mali Dataset (1)

Financial Sector								
	Domestic credit to private sector, % GDP	Interest rate spread, lending rate minus deposit rate	Money supply (M2), % GDP	Stock market capitalization rate, % GDP	Cost to create collateral	Country credit rating	Legal rights of borrowers and lenders index	Real interest rate
Indicator Number	23P1	23P2	23P3	23P4	23S1	23S2	23S3	23S4
Mali Data								
<i>Latest Year (T)</i>	2003	.	2004	.	2004	2004	2004	.
Value Year T	19.2	.	31.3	.	58.5	23.7	3.0	.
Value Year T-1	17.7	.	29.7	.	.	.	.	.
Value Year T-2	17.8	.	26.9	.	.	.	.	.
Value Year T-3	16.6	.	23.2	.	.	.	.	.
Value Year T-4	18.4	.	22.3	.	.	.	.	.
Average Value, 5 year	18.0	.	26.7	.	.	.	.	.
Growth Trend	1.5	.	9.6	.	.	.	.	.
Benchmark Data								
Regression Benchmark	10.6	13.2	23.4	13.4	.	.	.	.
Lower Bound	-4.3	10.5	8.8	-3.9	.	.	.	.
Upper Bound	25.4	15.9	38.1	30.7	.	.	.	.
<i>Latest Year Senegal</i>	2003	.	2003	.	2004	2005	2004	.
Senegal Value Latest Year	20.8	.	27.6	.	16.5	33.1	3.0	.
<i>Latest Year Ghana</i>	2003	.	2003	2003	2004	2005	2004	.
Ghana Value Latest Year	11.8	.	26.5	18.7	37.9	29.3	5.0	.
Low Income Africa Avg.	8.3	12.9	21.6	17.5	27.0	18.9	4.0	13.7
Low Income Avg.	11.4	12.4	23.8	16.3	13.7	19.7	4.0	10.7
High Five Avg.	171.0	46.9	188.2	238.9	121.6	51.5	9.6	36.2
Low Five Avg.	1.6	1.0	4.8	1.0	0.0	9.4	1.2	-4.6

(1) For definitions and methodology please see Technical Notes.

Mali Dataset (1)

External Sector										
	Aid, % GNI	Current account balance, % GDP	Debt service ratio, % exports	Exports growth, goods and services	Foreign direct investment, % GDP	Gross international reserves, months of imports	Gross private capital inflows, %GDP	Present value of debt, % GNI	Remittance receipts, % exports	Trade, % GDP
Indicator Number	24P1	24P2	24P3	24P4	24P5	24P6	24P7	24P8	24P9	24P10
Mali Data										
Latest Year (T)	2003	2004	2004	2003	2004	2004	2002	2003	2002	2004
Value Year T	12.7	-4.6	6.3	-10.4	1.0	6.7	27.9	42.4	12.1	60.31
Value Year T-1	15.0	-4.5	5.7	31.7	1.0	6.9	22.6	46.8	9.4	58.67
Value Year T-2	14.4	-3.0	6.3	24.9	7.2	5.4	20.2	57.2	10.8	63.91
Value Year T-3	15.0	-11.8	8.3	-1.2	4.6	3.1	14.1	53.9	12.2	77.25
Value Year T-4	14.0	-9.8	12.9	17.4	3.4	4.5	9.9	.	12.9	66.17
Average Value, 5 year	14.2	-6.7	7.9	12.5	3.5	5.3	19.0	.	11.1	65.26
Growth Trend	-2.0	21.9	-16.5	.	-32.4	17.4	28.9	.	-1.5	-4.50
Benchmark Data										
Regression Benchmark	16.8	-6.2	10.9	6.0	3.7	4.0	.	69.7	.	65.7
Lower Bound	12.2	-10.4	3.6	0.5	0.0	2.7	.	46.3	.	45.8
Upper Bound	21.4	-2.0	18.3	11.5	7.4	5.3	.	93.2	.	85.5
Latest Year Senegal	2003	2003	2003	2003	2003	2003	2002	2003	2003	2003
Senegal Value Latest Year	7.0	-6.7	10.4	0.5	1.2	3.3	7.9	36.4	19.7	68.89
Latest Year Ghana	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003
Ghana Value Latest Year	12.2	3.3	14.7	2.7	1.8	4.1	3.7	38.0	2.0	92.55
Low Income Africa Avg.	12.4	-5.6	10.4	7.1	1.8	4.1	6.2	65.6	12.3	59.67
Low Income Avg.	10.7	-4.3	10.4	7.1	1.7	3.7	6.2	59.1	15.0	66.71
High Five Avg.	66.1	18.0	61.5	21.6	99.4	18.6	875.4	380.0	86.5	228.00
Low Five Avg.	-0.3	-27.8	0.9	-19.8	-0.4	0.3	1.8	9.1	0.0	27.10

(1) For definitions and methodology please see Technical Notes.

Mali Dataset (1)

External Sector (cont'd)										
	Concentration of exports (top three exports, 3-digit SITC)	Inward FDI potential index	Net barter terms of trade	Real effective exchange rate index (1995=100)	Structure of merchandise exports (agricultural raw materials)	Structure of merchandise exports (fuel)	Structure of merchandise exports (manufactured goods)	Structure of merchandise exports (ores and metals)	Structure of merchandise exports (food)	Trade policy index
Indicator Number	24S1	24S2	24S3	24S4	24S5a	24S5b	24S5c	24S5d	24S5e	24S6
Mali Data										
<i>Latest Year (T)</i>	.	.	2002	.	2001	2001	2001	2003	2001	2004
Value Year T	.	0.13	100.0	.	41.9	0.1	40.0	0.7	17.2	3.0
Value Year T-1	.	0.12	98.0	.	90.8	0.0	4.7	0.8	4.2	3.0
Value Year T-2	.	0.13	100.0	.	87.2	0.0	9.7	0.3	2.9	3.0
Value Year T-3	.	0.15	101.0	.	91.8	0.0	3.0	0.3	5.1	3.0
Value Year T-4	.	0.15	112.0	.	93.8	0.0	0.7	0.0	5.4	3.0
Average Value, 5 year	.	0.13	102.2	.	81.1	0.0	11.6	0.4	7.0	3.0
Growth Trend	.	-4.8	-2.5	.	-15.0	3.0	134.0	89.5	23.5	.
Benchmark Data										
Regression Benchmark
Lower Bound
Upper Bound
<i>Latest Year Senegal</i>	.	2002	2002	.	2003	2003	2003	2003	2003	2004
Senegal Value Latest Year	.	0.12	96.0	.	3.5	20.1	34.3	3.4	37.2	3.0
<i>Latest Year Ghana</i>	.	2002	2002	.	2001	2001	2001	2003	2001	2004
Ghana Value Latest Year	.	0.13	112.0	.	11.1	11.2	16.4	13.8	44.9	4.0
Low Income Africa Avg.	.	0.11	100.0	.	9.2	1.6	18.1	3.8	52.3	4.0
Low Income Avg.	.	0.12	100.0	.	7.3	1.8	20.0	3.4	37.2	4.0
High Five Avg.	.	0.50	149.8	.	30.8	92.8	94.2	51.5	91.0	5.0
Low Five Avg.	.	0.06	71.8	.	0.0	0.0	2.6	0.0	0.5	1.4

(1) For definitions and methodology please see Technical Notes.

Mali Dataset (1)

Economic Infrastructure								
	Internet users per 1000 people	Overall infrastructure quality index	Telephone density, fixed line and mobile, per 1000 people	Quality of infrastructure index - air transport	Quality of infrastructure index - ports	Quality of infrastructure index - railroads	Quality of infrastructure index - electricity	Telephone cost, average local call
Indicator Number	25P1	25P2	25P3	25S1a	25S1b	25S1c	25S1d	25S2
Mali Data								
<i>Latest Year (T)</i>	2003	2004	2002	2004	2004	2004	2004	2001
Value Year T	2.4	2.1	10.3	2.8	1.2	1.300	2.6	0.07
Value Year T-1	2.9	.	9.3	.	.	.	.	0.07
Value Year T-2	2.9	.	4.9	.	.	.	.	0.08
Value Year T-3	1.8	.	4.0	.	.	.	.	0.14
Value Year T-4	.	.	3.2	.	.	.	.	0.15
Average Value, 5 year	.	.	6.3	.	.	.	.	0.10
Growth Trend	.	.	37.1	.	.	.	.	-19.6
Benchmark Data								
Regression Benchmark	-1.1	.	18.2	.	.	.	.	.
Lower Bound	-30.0	.	10.7	.	.	.	.	.
Upper Bound	27.8	.	25.7	.	.	.	.	.
<i>Latest Year Senegal</i>	2003	2004	2003	2004	2004	2004	2004	2003
Senegal Value Latest Year	21.7	2.4	77.7	4.3	3.5	1.500	2.2	0.20
<i>Latest Year Ghana</i>	2003	2004	2003	2004	2004	2004	2004	2002
Ghana Value Latest Year	7.8	2.9	49.1	3.5	3.2	1.600	3.2	0.03
Low Income Africa Avg.	4.3	2.4	37.9	3.4	2.1	1.700	2.4	0.09
Low Income Avg.	5.2	2.4	44.5	3.4	2.1	1.700	2.6	0.06
High Five Avg.	585.8	6.7	1,686.0	6.7	6.6	6.480	6.9	0.41
Low Five Avg.	0.9	1.5	9.8	2.4	1.3	1.1	1.4	0.00

(1) For definitions and methodology please see Technical Notes.

Mali Dataset (1)

Indicator Number	Science and Technology			Health					
	Expenditure for R&D, % GDP	FDI and technology transfer Index	Patent applications filed by residents	HIV prevalence	Life expectancy at birth	Maternal mortality rate	Access to improved sanitation	Access to improved water source	Births attended by skilled health personnel
	26P1	26P2	26P3	31P1	31P2	31P3	31S1	31S2	31S3
Mali Data									
<i>Latest Year (T)</i>	.	2004	.	2003	2003	2006	2002	2002	2001
Value Year T	.	3.8	.	1.9	40.6	1,200	45.0	48.0	40.6
Value Year T-1	.	.	.	.	40.9	.	.	.	.
Value Year T-2	.	.	.	1.9	.	.	.	.	.
Value Year T-3	.	.	.	.	.	.	.	.	.
Value Year T-4	.	.	.	2.0	42.6	.	.	.	.
Average Value, 5 year	.	.	.	.	.	.	.	.	.
Growth Trend	.	.	.	.	.	.	.	.	.
Benchmark Data									
Regression Benchmark	.	.	.	.	45.3	980	.	.	.
Lower Bound	.	.	.	.	41.7	836	.	.	.
Upper Bound	.	.	.	.	48.9	1,125	.	.	.
<i>Latest Year Senegal</i>	.	.	.	2003	2003	2006	2002	2002	2002
Senegal Value Latest Year	.	.	.	0.8	52.3	690.0	52.0	72.0	41.4
<i>Latest Year Ghana</i>	.	2004	2002	2003	2003	2006	2002	2002	.
Ghana Value Latest Year	.	5.1	0.0	3.1	54.4	540	58.0	79.0	.
Low Income Africa Avg.	0.4	4.5	0.0	4.4	46.2	880	34.0	59.0	50.8
Low Income Avg.	0.3	4.4	0.0	3.1	51.8	685	37.0	62.0	40.6
High Five Avg.	3.5	5.9	153,540.2	30.2	80.5	1,720	100.0	100.0	.
Low Five Avg.	0.1	3.3	0.0	0.1	37.3	2	8.0	26.4	20.8

(1) For definitions and methodology please see Technical Notes.

Mali Dataset (1)

Indicator Number	Health (cont'd)			Education						
	Child immunization rate	Prevalence of child malnutrition (weight for age)	Public health expenditure, % GDP	Net primary enrollment rate (total)	Net primary enrollment rate (female)	Net primary enrollment rate (male)	Persistence in school to grade 5 (total)	Persistence in school to grade 5 (female)	Persistence in school to grade 5 (male)	Youth literacy rate
	31S4	31S5	31S6	32P1a	32P1b	32P1c	32P2a	32P2b	32P2c	32P3
Mali Data										
Latest Year (T)	2003	2001	2002	2002	2002	2002	2001	2001	2001	2006
Value Year T	68.5	33.2	2.3	44.5	38.7	50.2	74.6	70.5	77.9	24.19
Value Year T-1	64.0	.	2.2	44.5	38.7	50.2	84.1	79.1	87.9	35.25
Value Year T-2	56.0	.	2.3	...	...	...	.	.	.	34.38
Value Year T-3	44.5	.	1.8	...	...	...	78.3	77.1	79.2	33.50
Value Year T-4	48.0	.	1.9	38.3	32.0	44.5	.	.	.	32.62
Average Value, 5 year	56.2	.	2.1	42.4	36.5	48.3	.	.	.	31.99
Growth Trend	11.3	.	5.9	.	.	.	.	.	.	-5.3
Benchmark Data										
Regression Benchmark	.	.	.	57.3	.	.	63.2	.	.	73.7
Lower Bound	.	.	.	50.4	.	.	54.8	.	.	66.0
Upper Bound	.	.	.	64.2	.	.	71.5	.	.	81.3
Latest Year Senegal	2003	2000	2002	2002	2002	2002	2000	2000	2000	2002
Senegal Value Latest Year	66.5	22.7	2.3	57.9	54.5	61.3	67.5	64.8	70.1	52.92
Latest Year Ghana	2003	2003	2002	2002	2002	2002	2001	2001	2001	2002
Ghana Value Latest Year	80.0	22.1	2.3	63.1	62.2	64.0	63.3	64.7	61.9	92.20
Low Income Africa Avg.	69.0	30.8	2.1	64.3	59.1	67.8	66.9	64.7	65.4	74.96
Low Income Avg.	71.5	31.0	2.2	68.8	67.7	74.9	64.8	65.2	63.7	77.44
High Five Avg.	99.0	36.3	8.7	100.0	100.0	100.0	99.2	99.8	99.3	99.82
Low Five Avg.	39.0	7.3	0.6	42.3	36.9	47.6	52.3	51.5	51.8	46.44

(1) For definitions and methodology please see Technical Notes.

Mali Dataset (1)

	Education (cont'd)					Employment and Workforce			
	Education expenditure, primary, %GDP	Expenditure per student, % GDP per capita, primary	Expenditure per student, % GDP per capita, secondary	Expenditure per student, % GDP per capita, tertiary	Pupil-teacher ratio, primary school	Labor force participation rate (total)	Labor force participation rate (male)	Labor force participation rate (female)	Rigidity of employment index
Indicator Number	32S1	32S2a	32S2b	32S2c	32S3	33P1a	33P1b	33P1c	33P2
Mali Data									
Latest Year (T)	2004	1999	.	.	2002	2003	2003	2003	2004
Value Year T	2.39	15.20	.	.	57.3	96.6	107.6	86.3	66.0
Value Year T-1	.	15.63	.	.	56.4	97.2	108.3	86.9	.
Value Year T-2	.	.	.	.	63.4	97.8	108.9	87.4	.
Value Year T-3	.	.	.	.	65.3	98.5	109.6	88.0	.
Value Year T-4	.	.	.	.	62.1	98.6	109.5	88.3	.
Average Value, 5 year	.	.	.	.	60.9	.	108.8	87.4	.
Growth Trend	.	.	.	.	-3.0	-0.5	-0.5	-0.6	.
Benchmark Data									
Regression Benchmark	.	.	.	.	.	.	.	.	58.9
Lower Bound	.	.	.	.	.	.	.	.	47.6
Upper Bound	.	.	.	.	.	.	.	.	70.2
Latest Year Senegal	2005	1999	.	.	2002	2003	2003	2003	2004
Senegal Value Latest Year	2.08	13.57	.	.	48.9	84.7	97.2	72.5	64.0
Latest Year Ghana	2005	.	.	.	2002	2003	2003	2003	2004
Ghana Value Latest Year	3.32	.	.	.	31.3	93.2	95.3	91.3	34.0
Low Income Africa Avg.	1.95	11.83	33.0	201	46.9	86.3	98.0	75.6	64.5
Low Income Avg.	1.81	9.72	17.4	62	42.6	85.2	97.1	73.0	50.0
High Five Avg.	5.54	31.33	46.9	344	65.5	102.4	112.6	97.0	84.6
Low Five Avg.	0.17	6.24	6.0	10	11.7	50.4	70.9	21.5	1.2

(1) For definitions and methodology please see Technical Notes.

Mali Dataset (1)

Indicator Number	Employment and Workforce (cont'd)			Agriculture					
	Size of labor force	Labor force growth rate	Unemployment rate	Agriculture value added per worker	Cereal yield	Growth in agricultural value-added	Agricultural policy costs index	Crop production index (1989-91=100)	Livestock production index (1989-91=100)
	33P3a	33P3b	33P4	34P1	34P2	34P3	34S1	34S2	34S3
Mali Data									
<i>Latest Year (T)</i>	2003	2003	.	2003	2004	2003	2004	2004	2004
Value Year T	5,638,511	2.1	.	247	837	18.7	3.9	108.1	118.4
Value Year T-1	5,525,580	2.0	.	212	837	-3.7	.	110.5	114.4
Value Year T-2	5,415,185	2.0	.	225	792	11.3	.	95.1	107.2
Value Year T-3	5,307,264	2.0	.	206	986	-10.4	.	108.9	103.2
Value Year T-4	5,201,441	2.0	.	233	1,006	9.2	.	79.9	100.1
Average Value, 5 year	5,417,596	2.0	.	225	892	3.1	.	100.5	108.7
Growth Trend	2.0	0.2	.	1.5	-5.2	.	.	6.4	4.5
Benchmark Data									
Regression Benchmark	.	.	.	274	.	.	.	.	.
Lower Bound	.	.	.	165	.	.	.	.	.
Upper Bound	.	.	.	382	.	.	.	.	.
<i>Latest Year Senegal</i>	2003	2003	.	2003	2004	2003	.	2004	2004
Senegal Value Latest Year	4,566,358	2.5	.	265	1,091	19.2	.	81.9	101.1
<i>Latest Year Ghana</i>	2003	2003	.	2003	2004	2003	2004	2004	2004
Ghana Value Latest Year	10,346,412	2.4	.	346	1,473	5.2	4.5	121.9	111.2
Low Income Africa Avg.	4,567,207	2.4	10.0	250	1,063	4.2	3.5	104.7	107.0
Low Income Avg.	4,566,358	2.4	6.8	296	1,302	4.0	3.6	105.0	107.6
High Five Avg.	316,912,650	5.7	24.3	40,135	7,775	22.0	5.3	134.9	145.5
Low Five Avg.	125,147	1.0	1.7	108	312	-13.4	2.4	69.5	78.3

(1) For definitions and methodology please see Technical Notes.

Technical Notes

The following technical notes provide a concise definition for each indicator together with information about the source, gaps in USAID countries coverage, and notes on data quality, where pertinent. The CAS Code number for each indicator is also noted. In most cases, information about the indicator is taken directly from the original source as cited.

GROWTH PERFORMANCE

Per capita GDP, current US dollars

Source: IMF World Economic Outlook database

<http://www.imf.org/external/pubs/ft/weo/2004/02/data/index.htm>

Definition: GDP per capita is gross domestic product divided by midyear population. GDP is the sum of gross value added by all resident producers plus any product taxes, less any subsidies not included in the value of the products.

Coverage: Available for most USAID countries.

CAS Code #11P2

Per capita GDP, purchasing power parity dollars

Source: IMF World Economic Outlook database

<http://www.imf.org/external/pubs/ft/weo/2004/02/data/index.htm>

Definition: This indicator adjusts per capita GDP measured in current U.S. dollars for differences in purchasing power across countries, by using an estimated exchange rate derived from the perceived purchasing power of the currency.

Coverage: Available for most USAID countries.

CAS Code #11P1

Real GDP growth

Source: World Development Indicators (NY.GDP.MKTP.KD.ZG) for benchmark data; latest country data from IMF Article IV Review Reports available at www.imf.org/external/np/sec/aiv/index.htm

Definition: Annual percentage growth rate of GDP at constant local currency prices. GDP is the sum of gross value added by all resident producers in the economy plus any product taxes and minus any subsidies not included in the value of the products. It is calculated without making deductions for depreciation of fabricated assets or for depletion and degradation of natural resources.

Coverage: Available for most USAID countries.

CAS Code #11P3

Growth of labor productivity

Source: World Development Indicators. Estimated by calculating annual percentage change of the ratio of GDP (constant 1995 US\$) (NY.GDP.MKTP.KD) to the total population ages 15-64, (SP.POP.1564.TO).

Definition: Labor productivity is defined here as the ratio of GDP in constant prices to the size of the working age population (defined as the population between ages 15 and 64 years by the World Bank). The more familiar calculation, based on employment, labor force, or work hours, is not used here because low participation or employment rates are themselves a structural productivity problem.

Coverage: Data available for most USAID countries.

CAS Code # 11S1

Investment productivity --incremental capital-output ratio (ICOR)

Source: International benchmark data computed from the World Development Indicators, based on the five-year average of the share of fixed investment (NE.GDI.FTOT.ZS) and the five-year average of GDP growth (NY.GDP.MKTP.KD.ZG). Updated figures for the target country are computed from IMF article IV Consultation Reports.

Definition: The ICOR shows the amount of capital investment needed per unit of extra output. A high value represents low investment productivity.

Coverage: Available for most USAID countries

CAS Code #11S2

Gross fixed investment, percentage of GDP

Source: IMF article IV Consultation Reports for latest country data; international benchmark from the World Development Indicators. (NE.GDI.FTOT.ZS)

Definition: Gross fixed investment is spending on replacing or adding to fixed assets (buildings, machinery, equipment and similar goods)

Coverage: Available for most USAID countries.

CAS Code # 11S3

Gross fixed private investment, percentage of GDP

Source: IMF Article IV Consultation Reports, for latest country data: World Development Indicators, for international comparison data. Estimating this indicator involves two steps: first, the product of Capital expenditure (% of total expenditure) (GB.XPK.TOTL.ZS) and Expenditure, total (% of GDP) (GB.XPD.TOTL.GD.ZS) will estimate the share of government fixed investment in GDP. Next, subtracting this figure from Gross fixed capital formation (% of GDP) (NE.GDI.FTOT.ZS) will estimate the share of private gross fixed investment in GDP.

Coverage: Available for most USAID countries.

Data Quality: National statistics offices may have different methodologies for breaking down government budget expenditures into current and capital.

CAS Code #11S4

POVERTY AND INEQUALITY

Human poverty index

Source: UNDP- Human Development Report.

http://hdr.undp.org/reports/global/2004/pdf/hdr04_HDI.pdf for 2004 edition; updates may be found at

http://hdr.undp.org/reports/view_reports.cfm?type=1

Definition: The index measures the incidence of deprivation in terms of not meeting target levels for specified economic and quality of life indicators: (1) Percentage of people not

expected to survive to age 40. (2) Percentage of adults who are illiterate. (3) Percentage of people who fail to attain a 'decent living standard' is subdivided into three (equally weighted) separate items: (a) Percentage of people without access to safe water, (b) Percentage of people without access to health services, and (c) Percentage of underweight children. Index ranges in value from 0 (for zero deprivation incidence) to 100 (for high deprivation incidence).

Coverage: Available for the majority USAID countries.
CAS Code #12P1

Income share held by lowest 20%

Source: World Development Indicators (SI.DST.FRST.20), World Bank staff estimates based on primary household survey data obtained from government statistical agencies and World Bank country departments. Alternate source for target countries: Country Poverty Reduction Strategy Paper <http://www.imf.org/external/np/prsp/prsp.asp>

Definition: Share of total income or consumption accruing to the poorest quintile of the population.

Coverage: Available for most USAID countries, although much of the data is several years old.

CAS Code # 12P2

Percentage of population living on less than \$1 PPP per day

Source: World Development Indicators, (SI.POV.DDAY), original data from National Surveys. Alternate source for target countries: Country Poverty Reduction Strategy Paper. <http://www.imf.org/external/np/prsp/prsp.asp>

Definition: Population below \$1 a day is the percentage of the population living on less than \$1.08 a day at 1993 international prices.

Coverage: Not available for about 21 USAID countries.

Data Quality: As a result of revisions in PPP exchange rates, poverty rates cannot be compared with poverty rates reported previously for individual countries. Poverty data originate from household survey questionnaires which can differ widely; even similar surveys may not be strictly comparable because of difference in quality.

CAS Code #12P3

Population below minimum dietary energy consumption

Source: UN Millennium Indicators Database at http://millenniumindicators.un.org/unsd/mi/mi_series_results.asp?rowId=566, based on FAO estimates.

Definition: Proportion of the population unable to obtain a level of dietary energy consumption needed to survive.

Coverage: Available for the majority of USAID countries.

CAS Code # 12S1

Poverty headcount, national poverty line

Source: World Development Indicators, (SI.POV.NAHC), original data from national surveys. Alternate source: Country Poverty Reduction Strategy Paper. <http://www.imf.org/external/np/prsp/prsp.asp>

Definition: The percentage of the population living below the national poverty line.

Coverage: Data unavailable for 55 USAID countries.

Data Quality: Measuring the percentage of people below the "national poverty line" has the disadvantage of limiting international comparisons. In some countries, the poverty line may be drawn at levels of income required to have only sufficient food or food plus other necessities.

CAS Code #12P4

PRSP Status

Source: World Bank/IMF. A list of countries with a Poverty Reduction Strategy Paper (PRSP) can be found at <http://www.imf.org/external/np/prsp/prsp.asp>

Definition: Yes or no variable showing whether a country has (or not) completed a PRSP (introduced by the WB and IMF to ensure host country ownership of poverty reduction programs).

Coverage: All countries having PRSPs are so indicated.

CAS Code #12P5

Poverty gap at \$1 PPP a day

Source: World Development Indicators, (SI.POV.GAPS), original data from national surveys. Alternate source: Country Poverty Reduction Strategy Paper. <http://www.imf.org/external/np/prsp/prsp.asp>

Definition: Poverty gap is the mean shortfall from the poverty line (counting the non-poor as having zero shortfall), expressed as a percentage of the poverty line. This measure reflects the depth of poverty as well as its incidence.

Coverage: Data not available for about 24 USAID countries.

CAS Code #12S2

ECONOMIC STRUCTURE

Labor force structure

Source: World Development Indicators (SL.AGR.EMPL.ZS), (SL.IND.EMPL.ZS), and (SL.SRV.EMPL.ZS). Alternate source: CIA World Fact Book <http://www.cia.gov/cia/publications/factbook/>.

Definition: The labor force structure measures recorded employment by major economic activity (agriculture, industry and services), as a percentage of total employment.

Coverage: Unavailable for 58 USAID countries.

Data Quality: Employment data are compiled from different sources and are therefore not fully comparable across countries. National practices vary considerably.

CAS Code #13P1

Output structure

Source: World Development Indicators (NV.AGR.TOTL.ZS), (NV.IND.TOTL.ZS), and (NV.SRV.TETC.ZS).

Definition: The output structure is comprised of value added by major sectors of the economy (agriculture, industry, and services) as percentages of GDP. Value added is defined as the value of the gross output of producers less the value of intermediate goods and services consumed in production, before taking account of the consumption of fixed capital in the production process.

Coverage: Unavailable for about 12 USAID countries.

Data Quality: Among the difficulties faced by compilers of national accounts is the extent of unreported economic activity in the informal or secondary economy. In developing countries a large share of agricultural output is either not exchanged (because it is consumed within the household) or not exchanged for money. This production is estimated indirectly, using a combination of methods involving estimates of inputs, yields, and area under cultivation. This approach sometimes leads to crude approximations that can differ from the true values over time and across crops for reasons other than climatic conditions or farming techniques.

Ideally, industrial output should be measured through regular censuses and surveys of firms. But in most developing countries such surveys are infrequent, so earlier survey results must be extrapolated using an appropriate indicator.

CAS Code #13P2

DEMOGRAPHY AND ENVIRONMENT

Adult literacy rate

Source: World Development Indicators; (SE.ADT.LITR.ZS) based on UNESCO calculations.

Definition: Percentage of people ages 15 and over who cannot, with understanding, read and write a short, simple statement about their daily life.

Coverage: Available for most USAID countries.

Data Quality: In practice, literacy is difficult to measure. A proper estimate requires census or survey measurements under controlled conditions. Many countries estimate the number of illiterate people from self-reported data, or by taking people with no schooling as illiterate.

CAS Code # 14P1

Age dependency rate

Source: World Development Indicators, (SP.POP.DPND).

Definition: The ratio of dependents (those younger than 15 and older than 64) to the working-age population, those ages 15-64.

Coverage: Available for most USAID countries.

CAS Code #14P2

Environmental sustainability index

Source: Center for International Earth Science Information Network (CIESIN) at Columbia University, and Yale Center for Environmental Law and Policy at Yale University. The 2005 index is at <http://www.yale.edu/esi/ESI2005.pdf>. For updates: <http://www.yale.edu/esi/>

Definition: The ESI is a composite index integrating 76 variables tracking natural resource endowments, past and present pollution levels, environmental management efforts, and the capacity of a society to improve its environmental performance, grouped into 21 indicators of environmental sustainability. The index quantifies the likelihood that a country will be able to preserve valuable environmental resources effectively. Values range from a low of 0 to a high of 100, with most scores clustered between 40 and 60.

Coverage: Available for most USAID countries.

CAS Code #14P3

Population size (in millions) and growth

Source: World Development Indicators (SP.POP.TOTL), and (SP.POP.GROW).

Definition: Total population counts all residents regardless of legal status or citizenship--except refugees not permanently settled in the country of asylum. Annual population growth rate is based on the de facto definition of population.

Coverage: Available for most USAID countries.

CAS Code # 14P4

Urbanization rate

Source: World Development Indicators, (SP.URB.TOTL.IN.ZS).

Definition: The midyear population of areas defined as urban in each country and reported to the United Nations as a percentage the total population of a country, including all residents regardless of legal status or citizenship.

Coverage: Available for most USAID countries.

Data Quality: The estimates are based on national definitions of what constitutes an urban area; cross-country comparisons should be made with caution.

CAS Code #14P5

GENDER

Adult literacy rate, ratio of male to female

Source: Estimated from UNDP Human Development Indicators <http://hdr.undp.org/statistics/data/>

Definition: The ratio of adult male literacy to adult female literacy.

Coverage: Unavailable for about 20 USAID countries

CAS Code #15P1

Gross enrollment rate, all levels of education, ratio of male to female

Source: Estimated from UNDP Human Development Indicators <http://hdr.undp.org/statistics/data/>

Definition: The ratio of the gross enrollment rate for males to that of females. The gross enrollment rate is the ratio of total enrollments in primary, secondary and tertiary education, to the total school age population for all three levels, assuming normal age of entry into the system and uninterrupted continuation to completion.

Coverage: Unavailable for about 20 USAID countries.

CAS Code # 15P2

Life expectancy, ratio of male to female

Source: Estimated from UNDP Human Development Indicators <http://hdr.undp.org/statistics/data/>

Definition: Ratio of Life expectancy at birth (years), male, divided by the Life expectancy at birth (years), Female.

Coverage: Unavailable for about 20 USAID countries.

CAS Code #15P3

FISCAL AND MONETARY POLICY

Composition of government expenditure

Source: Constructed with IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm; World Development Indicators for benchmarking data, using WDI categories: (1) Subsidies and other current transfers (GB.XPC.TRFT.ZS), (2) Wages and salaries (GB.XPC.WAGE.ZS), (3) Interest payments (GB.XPC.INTP.ZS), (4) Goods and services expenditure (GB.XPC.GSRV.ZS), and (5) Capital expenditure (GB.XPK.TOTL.ZS), all as percentages of GDP. Original source of WDI data from International Monetary Fund, Government Finance Statistics Yearbook and data files.

Definition: The central governments' expenditure broken down by categories: subsidies and other current transfers, wages and salaries, interest payments, goods and services expenditure, and capital expenditure.

Coverage: Available for about 30 USAID countries.

Data Quality: Many countries report their revenue in non-comparable categories. Budget data are compiled on a fiscal

year basis. If the fiscal year differs from the calendar year, then the ratios to GDP may be calculated by interpolating budget data from two adjacent fiscal years.

CAS Code # 21S1

Composition of government revenue

Source: Constructed with IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm; World Development Indicators for benchmarking data: categories are (1) Taxes on goods and services, (GB.TAX.GSRV.RV.ZS); (2) Taxes of income, profits and capital gains (GB.TAX.YPKG.RV.ZS); (3) Social security taxes, (GB.TAX.SSEC.RV.ZS); (4) Taxes in international trade, (GB.TAX.INTT.RV.ZS); and (5) Non-tax revenue, (GB.NTX.TOTL.RV.ZS).

www.imf.org/external/np/sec/aiv/index.htm can be used.

Definition: Breakdown of central government revenue sources per the following taxes on goods and services; taxes of income, profits and capital gains; social security taxes; taxes in international trade, non-tax revenue as a percentage of total revenue.

Coverage: Available for about 34 USAID countries.

Data Quality: Many countries report their revenue in non-comparable categories. If the fiscal year differs from the calendar year, then the ratios to GDP may be calculated by interpolating budget data from two adjacent fiscal years.

CAS Code # 21S2

Composition of money supply growth

Source: IMF Article IV Reviews, obtained from www.imf.org/external/np/sec/aiv/index.htm. Estimated, using the annual change of (1) credit to government, net (2) credit to the private sector, (3) credit to public enterprises, net (4) net foreign assets (reserves) and (5) other items, net; each divided by the annual change of the broad money supply (M2).

Definition: This calculation identifies the sources of the year to year change in the broad money supply (M2) disaggregated into the five categories indicated above.

Coverage: Data missing for about 6 USAID countries.

CAS Code # 21S3

Government expenditure, percentage of GDP

Source: IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm; benchmarking data obtained from World Development Indicators (GB.XPD.TOTL.GD.ZS). Original source of WDI data is the International Monetary Fund, Government Finance Statistics Yearbook, and World Bank estimates.

Definition: Total expenditure of the central government, as a percent of GDP.

Coverage: Data available for about 70% of USAID countries.

CAS Code # 21P1

Government revenue, percentage of GDP

Source: IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm; benchmarking data obtained from World Development Indicators (GB.RVC.TOTL.GD.ZS). Original source of WDI data is the International Monetary Fund, Government Finance Statistics Yearbook and data file, and World Bank estimates.

Definition: Government revenue includes all revenue to the central government from taxes and non-repayable receipts (other than grants), measured as a share of GDP. Grants

represent monetary aid going to the central government that has no repayment requirement.

Coverage: Data missing for about 24 USAID countries.

CAS Code # 21P2

Inflation rate

Source: IMF World Economic Outlook database <http://www.imf.org/external/pubs/ft/weo/2004/02/data/index.htm>

Definition: Inflation as measured by the consumer price index reflects the annual percentage change in the cost to the average consumer of acquiring a fixed basket of goods and services that may be fixed or changed at specified intervals.

Coverage: Available for most USAID countries.

Data Quality: For many developing countries, figures for recent years are IMF staff estimates. Additionally, data for some countries are for fiscal years.

CAS Code #21P4

Money supply growth

Source: IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm; World Development Indicators for benchmarking data (FM.LBL.MQMY.ZG). Original source of WDI data is International Monetary Fund, International Financial Statistics, and World Bank estimates.

Definition: Percent change in the broad money supply, M2 (money plus near-money).

Coverage: Data missing for about 8 USAID countries.

CAS Code #21P3

Overall budget balance, including grants, percentage of GDP

Source: IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm; World Development Indicators for benchmarking data, (GB.BAL.OVRL.GD.ZS). Original source of WDI data is the International Monetary Fund, Government Finance Statistics Yearbook, and World Bank estimates.

Definition: The difference between central government's total revenue including official grants received, and total expenditure.

Coverage: Data missing for 23 USAID countries.

CAS Code # 21P5

BUSINESS ENVIRONMENT

Corruption perception index

Source: Transparency International

Definition: Composite measure of perceptions of corruption derived from surveys of business people and country analysts. Index ranges in value from 1 (for most perceived corruption) to 10 (for least perceived corruption). Values below 3.0 are considered to indicate rampant corruption. <http://www.transparency.org/cpi/2004/cpi2004.en.html>

Coverage: Data missing for about 11 USAID countries.

Data Quality: This indicator uses perception and opinions gathered from local businessmen as well as third-party experts and not hard empirical data; thus, the indicator is largely subjective. Also standard errors are large. For both reasons, international comparisons are difficult.

CAS Code # 22P1

Doing business composite index

Source: World Bank, Doing Business.
<http://rru.worldbank.org/DoingBusiness/>

Definition: Index measuring the quality of a country's business environment, composed of performance measures and indicators related to Starting a Business, Registering Property, Getting Credit; Protecting Investors; Enforcing Contracts and Closing a Business in a given country. The composite index has been estimated by scaling all the "Doing business" indicators from 0 (lowest in the world) to 100 (highest) and then taking a simple average of all the scaled indicators.

Coverage: Estimates missing for about 10 USAID Countries.
CAS Code # 22P2

Rule of law index

Source: World Bank Institute;
<http://www.worldbank.org/wbi/governance/govdata2002/index.html>

Definition: The Rule of Law Index is an aggregation of various indicators which measure the extent to which agents have confidence in and abide by the rules of society. This indicator is based on the measurement of perceptions of the legal system, drawn from 12 separate data sources. Index ranges in value from -2.5 (for very poor performance) to +2.5 (for excellent performance).

Coverage: Available for most USAID countries

Data Quality: This index is best used for relative comparisons between countries in a single year. It is difficult to use the index to track a country's progress over time as the index does not compensate against a change in the world average and, as a result, changing world trends may skew results over time—for instance, if the world average decreases in a given year, a country whose score appears to increase may not actually have tangible improvements in their legal environment. Conditions could stay the same (or even worsen) yet the country would show an improvement in its score as a result of the world average falling. Even for cross-country comparisons, standard errors are large, so only large differences would be statistically significant.

CAS Code #22P3

Cost to start a business; % of GNI per capita

Source: World Bank, Doing Business. Indicator is found under the Starting a Business category
<http://rru.worldbank.org/DoingBusiness/ExploreTopics/StartingBusiness/CompareAll.aspx>

Definition: Legally required cost to starting a simple limited liability company expressed as percentage of GNI per capita

Coverage: Data missing for about 10 USAID countries.
CAS Code #22S1

Procedures to enforce a contract

Source: World Bank, Doing Business. The indicator is found under the "Enforcing Contracts" category-

<http://rru.worldbank.org/DoingBusiness/ExploreTopics/EnforcingContracts/CompareAll.aspx>

Definition: Number of procedures required to enforce recovery of a valid debt contract through the court system (excluding any possible appeals. A procedure is defined as any interactive step the company must undertake with external parties (government agencies, lawyers, notaries, etc.) to proceed with the enforcement action.

Coverage: Data missing for about 10 USAID Countries.

CAS Code # 22S2

Procedures to register property

Source: World Bank, Doing Business. The indicator is found under the "Registering Property" category-

<http://rru.worldbank.org/DoingBusiness/ExploreTopics/RegisteringProperty/CompareAll.aspx>

Definition: Number of procedures required to register the transfer of title for business property. A procedure is defined as any step involving interaction between a company/individual and a third party that is necessary to complete the property registration process.

Coverage: Data missing for about 10 USAID countries.
CAS Code #22S3

Procedures to start a business

Source: World Bank, Doing Business. Indicator is found under the Starting a Business category

<http://rru.worldbank.org/DoingBusiness/ExploreTopics/StartingBusiness/CompareAll.aspx>

Definition: Number of procedural steps required to legalize a simple limited liability company. Procedures are interactions of a company with external parties (government agencies, lawyers, auditors, notaries, and the like), including interactions required to obtain necessary permits and licenses and to complete all inscriptions, verifications, and notifications to start operations.

Coverage: Data missing for about 10 USAID Countries.
CAS Code # 22S4

Time to enforce a contract

Source: World Bank, Doing Business. The indicator is found under the "Enforcing Contracts" category-

<http://rru.worldbank.org/DoingBusiness/ExploreTopics/EnforcingContracts/CompareAll.aspx>

Definition: Minimum length of time, measured in days, required to enforce a contract through the court system of a given country.

Coverage: Data missing for about 10 USAID Countries.
CAS Code # 22S5

Time to register property

Source: World Bank, Doing Business. The indicator is found under the "Registering Property" category-

<http://rru.worldbank.org/DoingBusiness/ExploreTopics/RegisteringProperty/CompareAll.aspx>

Definition: The time to register property covers the time required to accomplish the full sequence of procedures necessary to transfer the property title from the seller to the buyer when a business purchases land and a building in a peri-urban area of the country's most populous city. Every required procedure is included whether it is the responsibility of the seller, the buyer, or where it is required to be completed by a third party on their behalf.

Coverage: Data missing for about 10 USAID countries.
CAS Code #22S6

Time to start a business

Source: World Bank, Doing Business. Indicator is found under the Starting a Business category

<http://rru.worldbank.org/DoingBusiness/ExploreTopics/StartingBusiness/CompareAll.aspx>

Definition: Time to start a business is the time, measured in calendar days, needed to complete the required procedures for legally operating a business. If a procedure can be speeded up at additional cost, the fastest procedure, independent of cost, is chosen.

Coverage: Data missing for about 10 USAID Countries.

CAS Code #22S7

FINANCIAL SECTOR

Cost to Create Collateral

Source: World Bank Doing Business. Indicator can be found under the “Getting Credit” category-

<http://rru.worldbank.org/DoingBusiness/ExploreTopics/GettingCredit/CompareAll.aspx>

Definition: The indicator assesses the cost of creating and registering collateral as a percentage of income per capita.

Coverage: Data missing for 10 USAID countries.

Data Quality: Countries without a collateral registry usually have lower costs, although the secured creditor is disadvantaged elsewhere because they are unable to notify other creditors of their right to the collateral through a registry.

CAS Code #23S1

Country credit rating

Source: Millennium Challenge Corporation. Original data comes from the Institutional Investor Magazine. <http://www.mca.gov/countries/rankings/index.shtml>

Definition: Bankers’ and fund managers’ perception of the country’s risk of default based on a semi-annual survey. Index ranges in value from 0 (for very poor performance) to 10 (for excellent performance).

Coverage: Data missing for 35 USAID countries.

Data Quality: The indicator is subjective as it is based on an opinion poll.

CAS Code # 23S2

Domestic credit to private sector, percent of GDP

Source: IMF Article IV Reviews for latest country data; World Development Indicators for benchmarking data (FS.AST.PRVT.GD.ZS). Original data comes from International Monetary Fund, International Financial Statistics and data files, and World Bank estimates.

Definition: Domestic credit to private sector refers to financial resources provided to the private sector, such as through loans, purchases of non-equity securities, and trade credits and other accounts receivable, that establish a claim for repayment. For some countries, these claims include credit to public enterprises.

Coverage: Data missing for about 6 USAID countries.

CAS Code # 23P1

Interest rate spread

Source: World Development Indicators (FR.INR.LNDP). Original data from International Monetary Fund, International Financial Statistics and data files.

Definition: The difference between the lending and borrowing interest rates charged by commercial or similar banks on domestic currency deposits.

Coverage: Data missing for 22 USAID countries.

CAS Code # 23P2

Legal rights of borrowers and lenders

Source: World Bank Doing Business. Indicator can be found under the “Getting Credit” category-

<http://rru.worldbank.org/DoingBusiness/ExploreTopics/GettingCredit/CompareAll.aspx>

Definition: The index measures the degree to which collateral and bankruptcy laws facilitate lending. It is based on data collected through research of collateral and insolvency laws supported by the responses to a survey on secured transactions laws. It includes three aspects related to legal rights in bankruptcy, and seven aspects found in collateral law. Index ranges in value from 0 (for very poor performance) to 10 (for excellent performance).

Coverage: About 10 USAID countries are not covered

CAS Code # 23S3

Money supply, percent of GDP

Source: World Development Indicators. FM.LBL.MOMY.GD.ZS Original data from International Monetary Fund, International Financial Statistics and data files, and World Bank and OECD GDP estimates.

Definition: Money supply (M2), also called broad money, and is defined as non-bank private sector’s holdings of notes, coins and demand deposits plus savings deposits and foreign currency deposits.

Coverage: Data missing for 8 USAID countries

Data Quality: In some countries M2 includes Certificates of Deposits (CDs), money market instruments, and/or treasury bills.

CAS Code # 23P3

Real interest rate

Source: World Development Indicators (FR.INR.RINR)

Definition: Real interest rate is the lending interest rate adjusted for inflation as measured by the GDP deflator.

Coverage: Available for most USAID countries

CAS Code # 23S4

Stock Market Capitalization Rate, % of GDP

Source: World Development Indicators (CM.MKT.LCAP.GD.ZS)

Definition: Market capitalization (also known as market value) is the share price times the number of shares outstanding, of all the domestic shares listed on the country’s stock exchange, as a percentage of GDP.

Coverage: Available for less than twenty USAID countries.

CAS Code # 23P4

EXTERNAL SECTOR

Aid as a percentage of GNI

Source: IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm;

World Development Indicators for benchmarking data (DT.ODA.ALLD.GN.ZS)

Definition: Official Development Assistance and official aid from non-OECD countries as a percentage of Gross National Income.

Coverage: For 2002, the indicator was unavailable for 6 USAID countries.

Data Quality: The data does not include aid given by recipient countries to other recipient countries. Additionally,

the data may not always be consistent with individual country's balance sheets, as the data are collected from donors and not recipients.

CAS Code #24P1

Concentration of exports

Source: ITC COMTRADE.

<http://www.intracen.org/tradstat/sitc3-3d/indexre.htm>

The indicator is constructed by sorting a country's exports at the SITC (Rev. 3) 3-digit level, aggregating the value for the top 3 product groups, and dividing by the country's total exports.

Definition: The percentage that the top three products disaggregated at the SITC (Rev. 3) 3-digit-level represent of a country's merchandise exports.

Coverage: Available for most countries

Data Quality: Trade data are never complete. Smuggling and non-reporting represent a serious problem in a number of countries. In addition, trade statistics, like any source of information, are not free of mistakes and omissions. For countries that do not report trade data to the United Nations, ITC uses partner country data, an approach referred to as mirror statistics. Mirror statistics are a second-best solution being better than having no data at all. At the same time, they have a number of shortcomings: they do not cover trade with other non-reporting countries; there is the problem of transshipments, which may hide the actual source of supply. Third, mirror statistics invert the reporting standards by valuing exports in c.i.f. terms (i.e. including transport cost and insurance) and imports in f.o.b. terms (excluding these items).

CAS Code # 24S1

Current Account Balance, percent of GDP

Source: IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm; World Development Indicators for benchmarking data (BN.CAB.XOKA.GD.ZS), based on International Monetary Fund, Balance of Payments Statistics Yearbook and data files, and World Bank staff estimates, and World Bank and OECD GDP estimates.

Definition: Current account balance is the sum of net exports of goods, services, net income, and net current transfers. It is presented here as a percentage of a country's gross domestic product.

Coverage: Available for most countries.

CAS Code # 24P2

Debt service ratio

Source: IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm; World Development Indicators for benchmarking data (DT.TDS.DECT.EX.ZS), Global Development Finance.

Definition: Total debt service is the sum of principal repayments and interest actually paid in foreign currency, goods, or services on long-term debt, interest paid on short-term debt, and repayments (repurchases and charges) to the IMF. Exports of goods and services include income and workers' remittances.

Coverage: Available for most USAID countries

Data Quality: See Data quality comments to the Present value of debt, percent of GNI regarding quality of debt data reported.

CAS Code # 24P3

Foreign Direct Investment, percent of GDP

Source: IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm; World Development Indicators for benchmarking data (BX.KLT.DINV.DT.GD.ZS), based on International Monetary Fund, International Financial Statistics and Balance of Payments databases, World Bank, Global Development Finance, and World Bank and OECD GDP estimates.

Definition: Foreign direct investment is net inflows of investment to acquire a lasting management interest (10 percent or more of voting stock) in an enterprise operating in an economy other than that of the investor. It is the sum of equity capital, reinvestment of earnings, other long-term capital, and short-term capital as shown in the balance of payments. This series shows net inflows in the reporting economy.

Coverage: Available for a majority of USAID countries

CAS Code #24P5

Gross international reserves, months of imports

Source: IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm;

World Development Indicators for benchmarking data, (FI.RES.TOTL.MO).

Definition: Gross international reserves comprise holdings of monetary gold, special drawing rights (SDRs), the reserve position of members in the International Monetary Fund (IMF), and holdings of foreign exchange under the control of monetary authorities. The indicator shows reserves expressed in terms of the number of months of imports of goods and services which could be paid for.

Coverage: Available for most USAID countries

CAS Code # 24P6

Gross Private Capital Flows, percent GDP

Source: IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm; World Development Indicators for benchmarking data, (BG.KAC.FNEI.GD.ZS), based on International Monetary Fund, Balance of Payments database, and World Bank GDP estimates.

Definition: Gross private capital flows are the sum of the absolute values of direct, portfolio, and other investment inflows and outflows recorded in the balance of payments financial account, excluding changes in the assets and liabilities of monetary authorities and general government. The indicator is calculated as a ratio to GDP in U.S. dollars.

Coverage: Data missing for about 30 USAID countries.

Data Quality: The indicators on gross capital flows are calculated from detailed accounts, since higher-level aggregates would result in smaller totals by netting out credits and debits. The comparability of the data between countries and over time is affected by the accuracy and completeness of balance of payments records and by their level of detail. Capital flows are converted to U.S. dollars at the International Monetary Fund's average official exchange rate for the year shown.

CAS Code #24P7

Exports growth, goods and services

Source: IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm; World Development Indicators for benchmarking data (NE.EXP.GNFS.KD.ZG) based on World Bank national accounts data, and OECD National Accounts data files.

Definitions: Annual growth rate of exports of goods and services based on constant local currency. They include the value of merchandise, freight, insurance, transport, travel, royalties, license fees, and other services, such as communication, construction, financial, information, business, personal, and government services. They exclude labor and property income (formerly called factor services) as well as transfer payments.

Coverage: Available for most countries.

CAS Code # 24P4

Inward FDI Potential Index

Source: UNCTAD. This indicator is available online at <http://www.unctad.org/Templates/WebFlyer.asp?intItemID=2471&lang=1>

Definition: The Inward FDI Potential Index captures several factors (apart from market size) expected to affect an economy's attractiveness to foreign investors. It is an average of the values (normalized to yield a score between zero, for the lowest scoring country, to one, for the highest) of 12 variables with no particular weights. Index ranges in value from 0 (for very poor performance) to 1 (for excellent performance).

Coverage: Available for most USAID countries

CAS Code # 24S2

Net barter terms of trade

Source: World Development Indicators; TT.PRI.MRCH.XD.WD

Definition: Net barter terms of trade are calculated as the ratio of the export price index to the corresponding import price index measured relative to the base year 1995.

Coverage: Available for more than half of USAID countries

CAS Code # 24S3

Present value of debt, percent of GNI

Source: World Development Indicators, (DT.DOD.PVLX.GN.ZS), Global Development Finance.

Definition: Present value of debt is the sum of short-term external debt plus the discounted sum of total debt service payments due on public, publicly guaranteed, and private non-guaranteed long-term external debt over the life of existing loans.

Coverage: Available for a majority of USAID countries

Data Quality: The coverage, quality, and timeliness of debt data vary across countries. Coverage varies for both debt instruments and borrowers. With the widening spectrum of debt instruments and investors and the expansion of private non-guaranteed borrowing, comprehensive coverage of long-term external debt becomes more complex. Reporting countries differ in their capacity to monitor debt, especially private non-guaranteed debt. Even data on public and publicly guaranteed debt are affected by coverage and accuracy in reporting--again because of monitoring capacity and sometimes because of unwillingness to provide information. A key part often underreported is military debt. Because flow data are converted at annual average exchange rates and stock data at end-of-period exchange rates, year-to-year changes in debt outstanding and disbursed are sometimes not equal to net flows (disbursements less principal repayments); similarly, changes in debt outstanding, including un-disbursed debt, differ from commitments less repayments. Discrepancies are particularly significant when exchange rates have moved sharply during the year. Cancellations and re-scheduling of other liabilities into long-term public debt also contribute to the differences. Variations

in reporting rescheduled debt also affect cross-country comparability. For example, rescheduling under the auspices of the Paris Club of official creditors may be subject to lags between the completion of the general rescheduling agreement and the completion of the specific, bilateral agreements that define the terms of the rescheduled debt.

CAS Code # 24P8

Real effective exchange rate (REER)

Source: IMF Article IV Reviews www.imf.org/external/np/sec/aiv/index.htm;

Definition: Index number with base 1995=100, it is the nominal effective exchange rate (a measure of the value of a currency against a weighted average of several foreign currencies) divided by a price deflator or index of costs. The IMF defines the relative currency values such that an increase in the REER represents a real appreciation of the home currency, and a decrease represents a real depreciation.

Coverage: Available for about 28 USAID countries only

Data Quality: Because of conceptual and data limitations, changes in real effective exchange rates should be interpreted with caution. Real effective exchange rates are derived by deflating a trade-weighted average of the nominal exchange rates that apply between trading partners. For most high-income countries the weights are based on trade in manufactured goods with other high-income countries in 1989-91, and an index of relative, normalized unit labor costs is used as the deflator. (Normalization smoothes a time series by removing short-term fluctuations while retaining changes of a large amplitude over the longer economic cycle.) For other countries the weights before 1990 take into account trade in manufactured and primary products in 1980-82, the weights from January 1990 onward take into account trade in 1988-90, and an index of relative changes in consumer prices is used as the deflator.

CAS Code # 24S4

Remittances receipts, percent of exports

Source: IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm; World Development Indicators for benchmarking data. This indicator needs to be constructed from two data series, Worker's Remittances (receipts) (BX.TRF.PWKR.CD) divided by Exports of Goods and Services ((BX.GSR.GNFS.CD)

Definition: Workers' remittances are current transfers by migrants who are employed or intend to remain employed for more than a year in another economy in which they are considered residents.

Coverage: Available for more than half of USAID countries.

CAS Code # 24P9

Structure of merchandise exports

Source: World Development Indicators. Five data series are used: Food exports (TX.VAL.FOOD.ZS.UN); Agricultural raw materials exports (TX.VAL.AGRI.ZS.UN); Manufactures exports (TX.VAL.MANF.ZS.UN); Ores and metals exports (TX.VAL.MMTL.ZS.UN); and Fuel exports (TX.VAL.FUEL.ZS.UN).

Definition: This indicator reflects the composition of merchandise exports by major commodity group: food; agricultural raw materials; fuels; ores and metals; and manufactures.

Coverage: Available for most countries

Data Quality: The classification of commodity groups is based on the Standard International Trade Classification

(SITC) revision 1. Most countries now report using later revisions of the SITC or the Harmonized System. Concordance tables are used to convert data reported in one system of nomenclature to another. The conversion process may introduce some errors of classification, but conversions from later to early systems are generally reliable. Shares may not sum to 100 percent because of unclassified trade.

CAS Code # 24S5

Trade in goods and services, as a percentage of GDP

Source: IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm; World Development Indicators for benchmarking data (NE.TRD.GNFS.ZS)

Definition: The sum of exports and imports of goods and services divided by the value of GDP in current U.S. dollars.

Coverage: Data for 8 USAID countries missing.

CAS Code # 24P10

Trade Policy Index

Source: Index of Economic Freedom, Heritage Foundation. The Trade Policy Score is one of the components of the Index of Economic Freedom. Both indicators can be found on-line at <http://www.heritage.org/research/features/index/downloads.cfm>

Definition: The trade policy score is given by the index authors based on a country's weighted average tariff rate (weighted by imports from the country's trading partners), with adjustments for non-tariff barriers and corruption in the custom service. It measures the degree to which government hinders the free flow of foreign commerce. Index ranges in value from 1 (excellent) to 5 (very poor).

Coverage: Available for most countries

Data Quality: The trade policy score is subjective, since Heritage professionals assign scores to each country. Further, they do not always grade trade policy based on consistent, comparable data for each country (for example, when a country's average tariff rate is not available, their authors based their grading on the revenue raised from tariffs and duties as a percentage of total imports of goods). Indeed, countries do not report simple or weighted average tariff rates every year.

CAS Code # 24S6

ECONOMIC INFRASTRUCTURE

Internet users per 1000 people

Source: World Development Indicators (IT.NET.USER.P3), derived from International Telecommunication Union - ITU report and database.

Definition: Internet users are defined as those with access to the world-wide network

Coverage: Available for most USAID countries.

CAS Code # 25P1

Overall Infrastructure Quality

Source: Global Competitiveness Report 2004-2005, World Economic Forum. The indicator can be found in the Data Tables, Section V. General Infrastructure; 5.01.

Definition: Executive's perceptions of general infrastructure in their respective country. Executives grade, on a scale from 1 to 7, whether general infrastructure in their country is (1) poorly developed, or (7) among the best in the world.

Coverage: The GCR includes about 50 USAID countries

Data Quality: Comparisons between countries are difficult, since the data is based on executive perceptions.

CAS Code # 25P2

Telephone density, fixed line and mobile

Source: World Development Indicators (IT.TEL.TOTL.P3)

Definition: Sum of telephone mainlines and mobile phones per 1000 people and mobile phones per 1000 people fixed lines represent telephone mainlines connected to the public switched telephone network. Mobile phone subscribers refer to users of cellular based technology with access to the public switched telephone network.

Coverage: Available for most USAID countries.

CAS Code #25P3

Quality of infrastructure - railroads, ports, air transport and electricity

Source: Global Competitiveness Report 2004-2005, World Economic Forum. The indicators can be found in the Data Tables, Section V. General Infrastructure; 5.02, 5.03, 5.04, and 5.05 for Railroad, Port; Air Transport, and Electricity, respectively.

Definitions: Executive's perceptions of whether Executive's perceptions of whether: infrastructure in their country is 1 as underdeveloped or 7 as extensive and efficient as the world's best.

Coverage: Approximately, 40 USAID countries are missing in the GCR Executive Opinion Survey.

Data Quality: Comparisons between countries are difficult, since the data is based on executive perceptions.

CAS Code #25S1

Telephone cost, average local call

Source: World Development Indicators (IT.MLT.CLCL.CD)

Definition: Cost of local call is the cost of a three-minute, peak rate, fixed line call within the same exchange area using the subscriber's equipment (that is, not from a public phone).

Coverage: Data missing for 4 USAID countries.

CAS Code #25S2

SCIENCE AND TECHNOLOGY

Expenditure in Research and Development, percent of GNI

Source: World Development Indicators; Estimated by multiplying Expenditure in Research and Development as a percent of GDP (GB.XPD.RSDV.GD.ZS) times GDP (current LCU) (NY.GDP.MKTP.CN) and then dividing by GNI (current LCU) (NY.GNP.MKTP.CN).

Definition: Expenditures for research and development are current and capital expenditures (both public and private) on creative, systematic activity that increases the stock of knowledge. Included are fundamental and applied research and experimental development work leading to new devices, products, or processes.

Coverage: Available for approximately 50% of USAID countries

CAS Code #26P1

FDI technology transfer index

Source: Global Competitiveness Report 2004-2005, World Economic Forum. The indicator can be found in the Data Tables, Section III. Technology: Innovation and Diffusion; 3.04.

Definition: Executive's perceptions of FDI as a source of new technology for the country. Executives grade, on a scale from 1 to 7, whether foreign direct investment in their country (1) brings little new technology, or (7) is an important source of new technology.

Coverage: Approximately, 40 USAID countries are missing in the GCR Executive Opinion Survey.

Data Quality: Comparisons between countries are difficult, since the data is based on executive perceptions.

CAS Code # 26P2

Patent applications filed, residents

Source: World Development Indicators (IP.PAT.RESD) based on WIPO

Definition: Applications filed by host-country residents with the national patent office for exclusive rights for an invention--a product or process that provides a new way of doing something or offers a new technical solution to a problem.

Coverage: About 80% coverage

CAS Code #26P3

HEALTH

HIV prevalence rate

Source: UNAIDS
<http://www.unaids.org/Unaid/EN/Resources/epidemiology.asp> for most recent country data, World Development Indicators for group benchmark data.

Definition: Percentage of people ages 15-49 who are infected with HIV.

Coverage: Available for most USAID countries

Data Quality: UNAIDS/WHO estimates are based on all available data, including surveys of pregnant women, population-based surveys such as household surveys conducted by Kenya, Mali, Zambia and Zimbabwe, as well as other surveillance information. UNAIDS views such information as complementary and useful in helping to estimate the number of people living with HIV in a country. HIV estimates - whether they are based on household surveys or surveys of pregnant women - need to be assessed critically as the epidemic evolves. Achieving 100% certainty about the numbers of people living with HIV globally, for example, would require repeatedly testing every person in the world for HIV—which is logistically impossible.

CAS Code # 31P1

Life expectancy at birth

Source: World Development Indicators, (SP.DYN.LE00.IN)

Definition: Life expectancy at birth indicates the number of years a newborn infant would live on average if prevailing patterns of mortality at the time of its birth were to stay the same throughout its life.

Coverage: Available for most USAID countries.

Data Quality: Life expectancy at birth are general estimates based on vital registration or the most recent census or survey available, extrapolations based on outdated surveys may not be reliable for monitoring changes in health status or for comparative analytical work.

CAS Code # 31P2

Maternal mortality rate

Source: UN Millennium Indicators Database, http://millenniumindicators.un.org/unsd/mi/mi_series_results.asp?rowId=553 based on WHO, UNICEF and UNFPA.

Definition: The number of women who die during pregnancy and childbirth, per 1,000 live births.

Coverage: Available for most USAID countries.

Data Quality: Maternal mortality ratios are generally of unknown reliability. Household surveys attempt to measure maternal mortality by asking respondents about survivorships of sisters. The estimates that are produced pertain to 12 years or so before the survey, making them unsuitable for monitoring recent changes or observing the impact of observations. Additionally, measurement of maternal mortality is subject to many types of error.

CAS Code # 31P3

Access to improved sanitation

Source: World Development Indicators, (SH.STA.ACSN)

Definition: Percentage of population with at least adequate excreta disposal facilities (private or shared, but not public) that can effectively prevent human, animal, and insect contact with excreta.

Coverage: Available for most USAID countries

Data Quality: The coverage rates are based on service users on the facilities their households use, rather than on information service providers who may include nonfunctioning systems—therefore somewhat reliable.

CAS Code #31S1

Access to improved water source

Source: World Bank, World Development Indicators, (SH.H2O.SAFE.ZS)

Definition: Percentage of population with reasonable access to an adequate amount of water from an improved source, such as a household connection, public standpipe, borehole, protected well or spring, or rain water collection.

Coverage: Available for most USAID countries

Data Quality: Access to drinking water from an improved source does not ensure that the water is adequate or safe, as these characteristic are not tested at the time of the surveys.

CAS Code # 31S2

Births attended by skilled health personnel

Source: World Development Indicators, (SH.STA.BRTC.ZS)

Definition: Percentage of deliveries attended by personnel trained to give the necessary supervision, care, and advice to women during pregnancy, labor, and the postpartum period, to conduct interviews on their own, and to care for newborns.

Coverage: Available for most USAID countries

Data Quality: Data may not reflect improvements in maternal health because information systems are often weak, maternal deaths are underreported and rates of maternal mortality are difficult to measure.

CAS Code # 31S3

Child immunization rate

Source: World Development Indicators, estimated by averaging two data series: Immunization, DPT (% of children ages 12-23 months) (SH.IMM.IDPT) and Immunization,

measles (% of children ages 12-23 months) (SH.IMM.MEAS)

Definition: Percentage of children under one year receiving vaccination coverage for four diseases—measles and diphtheria, pertussis (whooping cough), and tetanus (DDPT).

Coverage: Available for most USAID countries.

CAS Code #31S4

Prevalence of child malnutrition, weight for age

Source: World Development Indicators, (SH.STA.MALN.ZS)

Definition: Percentage of children under five whose weight for age is more than minus two standard deviations below the median for the international reference population ages 0-59 months.

Coverage: Available for most USAID countries

CAS Code #31S5

Public health expenditure, percent of GDP

Source: International benchmarking data from World Development Indicators, (SH.XPD.PUBL.ZS), based on World Health Organization, World Health Report and updates and from the OECD, supplemented by World Bank poverty assessments and country and sector studies. Latest data for host country is obtained from the MCC <http://www.mca.gov/countries/rankings/index.shtml>.

Definition: Public health expenditure consists of recurrent and capital spending from government (central and local) budgets, external borrowings and grants (including donations from international agencies and nongovernmental organizations), and social (or compulsory) health insurance funds.

Coverage: Available for most USAID countries.

CAS Code #31S6

EDUCATION

Net primary enrollment rate - female, male and total

Source: UNESCO Institute for Statistics, <http://stats.uis.unesco.org/ReportFolders/reportfolders.aspx>

Definition: The proportion of the population of the official age for primary, secondary or tertiary education according to national regulations who are enrolled in primary schools. Primary education provides children with basic reading, writing, and mathematics skills along with an elementary understanding of such subjects as history, geography, natural science, social science, art, and music.

Coverage: Full coverage.

Data Quality: Enrollment ratios are a useful measure of participation in education, but they may also have significant limitations—being based in date collected during annual school surveys, which are typically conducted at the beginning of the school year, do not reflect actual rates of attendance or dropouts during the school year. And school administrators may report exaggerated enrollments as often the number of teachers paid by the government is related to the number of pupils enrolled. Net enrollment ratios provide a better indicator of a school system's efficiency, but does not measure the quality of the education provided. Net enrolment ratio is more precise than gross enrollment ratio for assessing the level of participation in primary education. If data on enrolment and population by single years of age are available, the concept can be extended to derive age-specific enrolment ratios and school life expectancy.

CAS Code #32P1

Persistence to grade 5 - female, male, and total

Source: World Development Indicators, (SE.PRM.PRS5.FE.ZS); (SE.PRM.PRS5.MA.ZS); and (SE.PRM.PRS5.ZS).

Definition: The estimated female, male and total proportion of the population entering primary school who reach grade 5

Coverage: Available for most USAID countries

CAS Code #32P2

Youth literacy rate

Source: World Development Indicators, SE.ADT.1524.LT.ZS)

Definition: The percent of people ages 15-24 who can, with understanding, read and write a short, simple statement on their everyday life.

Coverage: Available for about half of USAID countries.

Data Quality: Statistics are out of date 2-3 years.

CAS Code #32P3

Expenditure on primary education, percent GDP

Source: Millennium Challenge Corporation <http://www.mca.gov/countries/rankings/index.shtml>

Definition: Total expenditures on education by all levels of government.

Coverage: Available for about 70% of USAID countries.

Data Quality: The MCC obtains the data from national sources via US embassies, because the figures are not readily available from standard international statistical resources.

CAS Code #32S1

Educational expenditure per student, percentage GDP per capita -Primary, Secondary and Tertiary

Source: World Development Indicators, (SE.XPD.PRIM.PC.ZS); (SE.XPD.SECCO.PC.ZS); (SE.XPD.TERT.PC.ZS)

Definition: Public expenditure per student (primary, secondary or tertiary) is the public current spending on education divided by the total number of students by level, as a percentage of GDP per capita.

Coverage: Available for most USAID countries

Data Quality: For a variety of reasons, education statistics generally fail to provide a complete and accurate picture of a country's education system and should be interpreted with caution. Statistics are out of date by two or three years. The data on education spending in the table refer solely to public spending—government spending on public spending generally excludes spending by religious schools, and spending by religious schools, which play a significant role in many developing countries. Data for some countries and for some years refer to spending by the ministry of education only.

CAS Code #32S2

Pupil-teacher ratio, primary school

Source: World Development Indicators; SE.PRM.ENRL.TC.ZS)

Definition: Primary school pupil-teacher ratio is the number of pupils enrolled in primary school divided by the number of primary school teachers (regardless of their teaching assignment).

Coverage: Available for most USAID countries

Data Quality: The comparability of pupil-teacher ratios across countries is affected by the definition of teachers, by whether teachers are assigned non-teaching duties, and by differences in class size by grade and in the number of hours taught. The indicator does not take into account differences in teachers' academic qualifications, pedagogical training, professional experience and status, teaching methods, teaching materials and variations in classroom conditions -- all factors that could also affect the quality of teaching/learning and pupil performance.

CAS Code # 32S3

EMPLOYMENT AND WORKFORCE

Labor force participation rate – total, male, female

Source: Derived from World Development Indicators. For the female labor force participation rate: Population ages 15-64, female (SP.POP.1564.FE.IN) is the denominator; the numerator is calculated by multiplying Labor force, female (% of total labor force) (SL.TLF.TOTL.FE.ZS), times Labor force, total (SL.TLF.TOTL.IN). For the male labor force participation rate: Population ages 15-64, male (SP.POP.1564.MA.IN) serves as the denominator. The numerator is calculated by subtracting the female labor force, as derived above, from the total labor force (SL.TLF.TOTL.IN). For the total labor force participation rate: The denominator is Population ages 15-64, total (SP.POP.1564.TO). The numerator is Labor force, total (SL.TLF.TOTL.IN).

Definition: The percentage of the working age population that is in the labor force. The labor force comprises people who meet the International Labour Organization definition of the economically active population: all people who supply labor for the production of goods and services during a specified period. It includes both the employed and the unemployed.

Coverage: Available for most USAID countries

CAS Code #33P1

Rigidity of employment index

Source: World Bank, Doing Business in 2005, under the Hiring and Firing Category, <http://rru.worldbank.org/DoingBusiness/ExploreTopics/HiringFiringWorkers/CompareAll.aspx>

Definition: A measure of labor market rigidity index constructed as the average of the Difficulty of Hiring Index, Rigidity of Hours Index and a Difficulty of firing Index. Index ranges in value from 0 (minimum rigidity) to 100 (maximum rigidity).

Coverage: Unavailable for about 10 USAID countries

Data Quality: Sub-indices are compiled by the World Bank from survey responses by in-country specialists.

CAS Code # 33P2

Size and growth of the labor force

Source: Size of labor force from World Bank Development Indicators (SL.TLF.TOTL.IN); annual percentage change calculated from size data.

Definition: Magnitude of the labor supply, and annual percent change. Labor force comprises people who meet the International Labour Organization definition of the economically active population: all people who supply labor for the production of goods and services during a specified period. It includes both the employed and the unemployed.

While national practices vary in the treatment of such groups as the armed forces and seasonal or part-time workers, in general the labor force includes the armed forces, the unemployed, and first-time job-seekers, but excludes homemakers and other unpaid caregivers and workers in the informal sector.

Coverage: Available for most USAID countries.

CAS Code #33P3

Unemployment rate

Source: World Development Indicators, (SL.UEM.TOTL.ZS)

Definition: Percentage of labor force that is currently unemployed

Coverage: Gaps in data in 26 USAID countries.

Data Quality: Technical details are country specific- making international comparisons impossible.

CAS Code # 33P4

AGRICULTURE

Agriculture value added per worker

Source: World Development Indicators (EA.PRD.AGRI.KD) derived from World Bank national accounts files and Food and Agriculture Organization, Production Yearbook and data files.

Definition: Agriculture value added per worker is a measure of agricultural productivity. Value added in agriculture measures the output of the agricultural sector (ISIC divisions 1-5) less the value of intermediate inputs. Agriculture comprises value added from forestry, hunting, and fishing as well as cultivation of crops and livestock production. Data are in constant 1995 U.S. dollars.

Coverage: Measure available for most USAID countries

CAS Code # 34P1

Cereal yield

Source: World Development Indicators (EA.PRD.AGRI.KD) based on Food and Agriculture Organization (FAO), Production Yearbook and data files.

Definition: Cereal yield, measured as kilograms per hectare of harvested land, includes wheat, rice, maize, barley, oats, rye, millet, sorghum, buckwheat, and mixed grains. Production data on cereals relate to crops harvested for dry grain only. Cereal crops harvested for hay or harvested green for food, feed, or silage and those used for grazing are excluded.

Coverage: Most USAID countries covered

Data Quality: Data on cereal yield may be affected by a variety of reporting and timing differences. The FAO allocates production data to the calendar year in which the bulk of the harvest took place. But most of a crop harvested near the end of a year will be used in the following year. Cereal crops harvested for hay or harvested green for food, feed, or silage, and those used for grazing, are generally excluded. But millet and sorghum, which are grown as feed for livestock and poultry in Europe and North America, are used as food in Africa, Asia, and countries of the former Soviet Union. So some cereal crops are excluded from the data for some countries and included elsewhere, depending on their use.

CAS Code # 34P2

Growth in agricultural value added

Source: IMF Article IV Reviews for latest country data www.imf.org/external/np/sec/aiv/index.htm; World Development Indicators for benchmarking data (NV.AGR.TOTL.KD.ZG)

Definition: Annual growth rate for agricultural value added based on constant local currency. Aggregates are based on constant 1995 U.S. dollars. Value added is the net output of a sector after adding up all outputs and subtracting intermediate inputs. It is calculated without making deductions for depreciation of fabricated assets or depletion and degradation of natural resources.

Coverage: Most USAID countries covered.

CAS Code # 34P3

Agricultural policy costs index

Source: Global Competitiveness Report 2004-2005, World Economic Forum. The indicator can be found in the Data Tables, Section II. Macroeconomic Environment; 2.20.

Definition: Executive's perceptions of whether the cost of agricultural policy in a given country is 1= excessively burdensome or 7= balances all economic agents' interests.

Coverage: Approximately, 50 USAID countries are covered in the GCR Executives Opinion Survey.

Data Quality: Comparisons between countries are difficult, since the data is based on executive perceptions.

CAS Code # 34S1

Crop production index

Source: World Development Indicators (AG.PRD.CROP.XD) based on FAO

Definition: Crop production index shows agricultural production for each year relative to the base period 1989-91. It includes all crops except fodder crops.

Coverage: Most USAID countries covered

Data Quality: Regional and income group aggregates for the FAO's production indexes are calculated from the underlying values in international dollars, normalized to the base period 1989-91. The FAO obtains data from official and semiofficial reports of crop yields, area under production, and livestock numbers. If data are not available, the FAO makes estimates. The FAO's indexes may differ from other sources because of differences in coverage, weights, concepts, time periods, calculation methods, and use of international prices. To ease cross-country comparisons, the FAO uses international commodity prices to value production. These prices, expressed in international dollars (equivalent in purchasing power to the U.S. dollar), are derived using a Geary-Khamis formula applied to agricultural outputs. This method assigns a single price to each commodity so that, for example, one metric ton of wheat has the same price regardless of where it was produced. The use of international prices eliminates fluctuations in the value of output due to transitory movements of nominal exchange rates unrelated to the purchasing power of the domestic currency.

Coverage: Most USAID countries covered.

CAS Code # 34S2

Livestock Production index

Source: World Development Indicators (AG.PRD.LVSK.XD) based on FAO

Definition: Livestock production index shows livestock production for each year relative to the base period 1989-91. It includes meat and milk from all sources, dairy products such as cheese, and eggs, honey, raw silk, wool, and hides and skins.

Coverage: Most USAID countries covered.

Data Quality: See comments on Crop Production Index

CAS Code # 34S3