

## Roads Common Indicators:

A focus on results is one of the core principles on which the Millennium Challenge Corporation (MCC) was founded. Within country-specific plans, MCC uses common indicators to aggregate results across countries within certain sectors. MCAs are not required to report on certain common indicators where collecting that data is too costly or infeasible given existing data collection plans.

| Country             | Region | Process Indicators  |   |  |  |   |   |   | Output Indicators                         | Outcome Indicators |   |                                      |
|---------------------|--------|---|---|--|--|---|---|---|---|--------------------|---|--------------------------------------|
|                     |        | (R-1)<br>Value of signed<br>road feasibility<br>and design<br>contracts | (R-2)<br>Percent<br>disbursed of<br>road feasibility<br>and design<br>contracts | (R-3) Kilometers<br>of roads under<br>design | (R-4)<br>Value of signed<br>road construction<br>contracts | (R-5)<br>Percent<br>disbursed of<br>road<br>construction<br>contracts | (R-6) Kilometers<br>of roads under<br>works contracts | (R-7) Temporary<br>employment<br>generated in<br>road<br>construction | (R-8)<br>Kilometers of roads<br>completed | (R-9) Roughness    | (R-10)<br>Average annual<br>daily traffic | (R-11)<br>Road traffic<br>fatalities |
| <b>MCC Total</b>    |        | 130,499,160   | 96.7%   | 4,685  | 2,408,861,462  | 86.5%   | 3,944   | 50,245  | 3,035                                     | NA                 | NA  | 655                                  |
| <b>EAPLA Total</b>  |        | 64,075,771  | 93%   | 1,791  | 1,147,558,152  | 86%   | 1,860.8   | 1,732   | 1,749                                     | -                  | -   | -                                    |
| <b>AFRICA Total</b> |        | 67,580,420  | 98%   | 2,895  | 1,261,303,310  | 87%   | 2,083.4   | 48,513  | 1,286                                     | -                  | -   | 651                                  |
| Armenia             | EAPLA  | -   | -   | -  | -  | -   | -   | -   | 24.4                                      | 3.47               | 735                                       | -                                    |
| El Salvador I       |        | 18,321,410  | 99%   | 223  | 248,378,825  | 97%   | 223.0   | -   | 223.32                                    | -                  | -   | -                                    |
| El Salvador II      |        | -   | -   | 32.4   | 62,902,840   | 1%  | 26.6  | 423   | -   | -                  | -   | -                                    |
| Georgia             |        | 11,980,000  | 99%   | -  | 197,299,030  | 100%  | 220.2   | -   | 220.20                                    | 1.50               | 1,092                                     | -                                    |
| Honduras            |        | 9,500,000   | 75%   | 673  | 179,400,000  | 72%   | 673.0   | -   | 610.10                                    | -                  | -   | -                                    |
| Moldova             |        | -   | -   | 96   | 100,807,443  | 96%   | 96.0  | 1,309   | 96  | -                  | -   | 4                                    |
| Mongolia            |        | 6,083,650   | 89%   | 19.3   | 73,108,907   | 91%   | 176.4   | -   | 176.40                                    | 1.90               | 353                                       | -                                    |
| Nicaragua           |        | -   | -   | 375.5  | 56,507,526   | 100%  | 74.0  | -   | 74.0                                      | -                  | -   | -                                    |
| Philippines         |        | 15,235,623  | 94%   | 222.0  | 173,156,531  | 81%   | 222.0   | -   | 175.0                                     | -                  | -   | -                                    |
| Vanuatu             |        | 2,955,088   | 100%  | 149.7  | 55,997,051   | 97%   | 149.7   | -   | 149.70                                    | 3.00               | -   | -                                    |
| Burkina Faso        | AFRICA | 8,339,651   | 115%  | 536  | 140,205,145  | 102%  | 419.1   | 4,162   | 277.80                                    | -                  | -   | 6                                    |
| Cape Verde I        |        | 3,520,000   | 92%   | 63   | 24,280,000   | 100%  | 40.6  | -   | 40.60                                     | 2.00               | -   | -                                    |
| Ghana               |        | 5,549,044   | 100%  | 943  | 250,604,022  | 100%  | 446.4   | 35,455  | 445.03                                    | -                  | -   | 602                                  |
| Liberia             |        | -   | -   | -  | -  | -   | -   | -   | -   | -                  | -   | -                                    |
| Mali                |        | -   | -   | -  | 42,918,038   | 35%   | 81.0  | -   | 79.00                                     | -                  | -   | -                                    |
| Mozambique**        |        | 17,669,992  | 85%   | 253  | 132,240,557  | 88%   | 253.0   | 2,308   | 253                                       | -                  | -   | -                                    |
| Niger               |        | 1,157,031   |   | 220  |  |   |   |   |   |                    |   |                                      |
| Senegal             |        | 12,201,371  | 102%  | 406  | 271,128,882  | 70%   | 375.0   | 2,757   | ***                                       | -                  | -   | 43                                   |
| Tanzania            |        | 19,143,331  | 107%  | 473  | 399,926,666  | 91%   | 468.34  | 3,831   | 190.14                                    | -                  | -   | -                                    |
| Gender*             |        |   |   |  |  |   |   |   |   |                    |   |                                      |
| Male                |        |   |   |  |  |   |   | 13,613  |   |                    |   | 45                                   |
| Female              |        |   |   |  |  |   |   | 1,267   |   |                    |   | 4                                    |
| Road Type*          |        |   |   |  |  |   |   |   |   |                    |   |                                      |
| Primary             |        | 65,222,944  | 23%   | 2,093  | 1,405,547,708  | 86%   | 1,894   |   | 1,177.58                                  |                    |   |                                      |
| Secondary           |        | 24,735,623  | 87%   | 1,374  | 617,229,323  | 85%   | 1,133   |   | 478.65                                    |                    |   |                                      |
| Tertiary            |        | 6,719,183   | 112%  | 935  | 164,505,401  | 66%   | 681   |   | 1,077.77                                  |                    |   |                                      |

All program data are as of September 10, 2018. Data are preliminary and subject to adjustment. Grey shading indicates closed-out Compacts; data revision is not expected for these Compacts.

\*Gender and road type totals may not match overall totals due to lack of counting by gender and road type in earlier Compacts.

\*\* The kilometers of roads completed for Mozambique is provisional data. Subject to change after verification of takeover certificates.

\*\*\* According to the Common Indicator definition, a road is completed when official certificates are handed over and approved. In Senegal, this was taken to mean final acceptance of the road works, which typically happens after the end of the 1 year defects liability period which starts when the construction is completed and the roads are provisionally accepted. As part of its Compact, Senegal intended to rehabilitate 372 kilometers of national roads. By September 2015, when the Senegal Compact closed, no roads had achieved final acceptance, and therefore were not officially completed, per the common indicator definition. However, by the end of the Compact, 185km of roads had been fully rehabilitated and had received provisional acceptance. An additional 72km were provisionally accepted in November 2015, and the remaining 116km are anticipated to be provisionally accepted with the support of the Government of Senegal by mid-2016.

## Common Indicator Definitions:

**(R-1) Value of signed road feasibility and design contracts:** The value of all signed feasibility, design, and environmental contracts, including resettlement action plans, for road investments using 609(g) and compact funds.

**(R-2.1) Value disbursed of road feasibility and design contracts:** The value disbursed of all signed feasibility, design, and environmental contracts, including resettlement action plans, for road investments using 609(g) and compact funds.

**(R-2) Percent disbursed of road feasibility and design contracts:** The total amount of all signed feasibility, design, and environmental contracts, including resettlement action plans, for road investments disbursed divided by the total value of all signed contracts.

**(R-3) Kilometers of roads under design:** The length of roads in kilometers under design contracts. This includes designs for building new roads and reconstructing, rehabilitating, resurfacing or upgrading existing roads.

**(R-4) Value of signed road construction contracts:** The value of all signed construction contracts for new roads or reconstruction, rehabilitation, resurfacing or upgrading of existing roads using compact funds.

**(R-5.1) Value disbursed of road construction contracts:** The value disbursed of all signed construction contracts for new roads or reconstruction, rehabilitation, resurfacing or upgrading of existing roads.

**(R-5) Percent disbursed of road construction contracts:** The total amount of all signed construction contracts for new roads or reconstruction, rehabilitation, resurfacing or upgrading of existing roads disbursed divided by the total value of all signed contracts.

**(R-6) Kilometers of roads under works contracts:** The length of roads in kilometers under works contracts for construction of new roads or reconstruction, rehabilitation, resurfacing or upgrading of existing roads.

**(R-7) Temporary employment generated in road construction:** The number of people temporarily employed or contracted by MCA-contracted construction companies to work on construction of new roads or reconstruction, rehabilitation, resurfacing or upgrading of existing roads.

**(R-8) Kilometers of roads completed:** The length of roads in kilometers on which construction of new roads or reconstruction, rehabilitation, resurfacing or upgrading of existing roads is complete (certificates handed over and approved).

**(R-9) Roughness:** The measure of the roughness of the road surface, in meters of height per kilometer of distance traveled.

**(R-10) Average annual daily traffic:** The average number and type of vehicles per day, averaged over different times (day and night) and over different seasons to arrive at an annualized daily average.

**(R-11) Road traffic fatalities:** The number of road traffic fatalities per year on roads constructed, rehabilitated or improved with MCC funding.