Central African Republic
Sectoral Scenarios for Central African Republic

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Stability scenario

Chart 13: Governance security in CP and Stability scenario, 2019–2043
IFs index 0–1

The Stability scenario represents reasonable but ambitious reductions in the risk of regime instability and lower levels of
internal conflict. Stability is generally a prerequisite for other aspects of development and this would encourage inflows of foreign direct investment (FDI) and improve business confidence. Better governance through the accountability that follows substantive democracy is modelled separately.

The intervention is explained here in the thematic part of the website.

In 2019, the Central African Republic scored 0.58 on the governance security index — below the average score of 0.641 for its low-income peer group. With a score of 0.76, Rwanda is the group's best performer.

The country has been experiencing high levels of violent conflict since a violent takeover of power in 2013. And even though armed groups have concluded multiple peace agreements since, fighting is ongoing. The latest agreement, sponsored by the African Union, was signed in February 2019 by the government and 14 armed groups and raised hopes of peace. However, the violence has continued.

In the Stability scenario, the Central African Republic is projected to score 0.79 on governance security in 2043, essentially where Rwanda is at currently. On the Current Path, the Central African Republic will score 0.66. By then, its income peer group on the continent is projected to score on average 0.711 on the Current Path.

![Chart 14: GDP per capita in CP and Stability scenario, 2019–2043](chart)

In 2019, the Central African Republic's GDP per capita was US$843. Given the high levels of insecurity in the country, it is not surprising that the Stability scenario can make a significant difference by increasing GDP per capita to US$1,669 by 2043 — close to a 10% increase compared to the estimate of US$1,561 in the Current Path forecast in 2043. Still, the
Central African Republic’s GDP per capita is projected to lag behind the average of its low-income peer group at US$3,975 in 2043 in the same scenario. Regime stability promotes growth by attracting foreign investment and creating an enabling environment for businesses to thrive. As such, rival factions in the Central African Republic should set aside their differences and work towards achieving a stable political environment in order to promote economic growth.

As a low-income economy, the Central African Republic uses the US$1.90 benchmark to define extreme poverty.

In the Stability scenario, the Central African Republic’s poverty rate could drop from 73.9% in 2019 to 65.9%, equivalent to 5.54 million people, in 2043. Compared to 68.3% in the Current Path forecast, it means that the Stability scenario could result in 220,000 fewer poor people. In other words, with the interventions included in the Stability scenario, the Central African Republic could speed up its poverty reduction efforts. The extreme poverty rate in the Stability scenario will also be 40 percentage points higher than the average for low-income African countries.
Demographic scenario

This section presents the impact of a Demographic scenario that aims to hasten and increase the demographic dividend through reasonable but ambitious reductions in the communicable-disease burden for children under five, the maternal mortality ratio and increased access to modern contraception.

The intervention is explained here in the thematic part of the website.

Demographers typically differentiate between a first, second and even a third demographic dividend. We focus here on the contribution of the size of the labour force (between 15 and 64 years of age) relative to dependants (children and the elderly) as part of the first dividend. A window of opportunity opens when the ratio of the working-age population to dependants is equal to or surpasses 1.7.

Increasing access to modern contraception will bring down the total fertility rate more quickly than forecast on the Current Path: from 4.73 births per woman in 2019 to 2.7 in 2043 versus 3.2 births on the Current Path. On the Current Path, it would take the country more than another decade to get there. A lower total fertility rate would slow down the Central African Republic’s population growth and bring about a somewhat faster change in the population age structure. The latter will result in a more favourable ratio between people of working age and dependants, especially children. In the interventions in the Demographic scenario, the Central African Republic has the potential to accelerate its demographic transition by increasing the ratio of workers to dependants from 1.16 in 2019 to 1.7 in 2043, coinciding with the minimum
ratio for achieving demographic dividend compared to 1.5 on the Current Path. In comparison, Africa’s low-income economies would have an average ratio of 1.53 by 2043, below the projected ratio of 1.7 for the Central African Republic in the same year.

The infant mortality rate is the number of infant deaths per 1,000 live births and is an important marker of the overall quality of the health system in a country.

At 81 infant deaths per 1,000 live births, infant mortality in the Central African Republic is high, although it has improved greatly since 1990 when it stood at a rate of 117 deaths. Yet, the Central African Republic does far worse than the average African low-income economy at 48.5 infant deaths per 1,000 live births. The Demographic scenario could reduce the infant mortality rate to 27.3 deaths per 1,000 live births by 2043, 8 fewer deaths compared to 35 deaths in the Current Path forecast. However, the projected infant mortality rate in this scenario will be 6.1 deaths more than the average low-income country in Africa by 2043.
In 2019, the Central African Republic’s GDP per capita was US$843. By 2043, the Demographic scenario could push it to US$1 607 versus US$1 516 on the Current Path. Regardless, the gap between the country’s GDP per capita and the expected average GDP per capita of its low-income peer group is set to remain large, with the latter expected to have an average GDP per capita of US$3 790 in 2043 in the Current Path forecast.
Compared to the Current Path forecast, the Demographic scenario could reduce the number of people living in extreme poverty by 300,000 in 2043. A total of 5.46 million people, or 67.2% of the population, would be living below the poverty line by 2043, compared to 5.76 million people, equivalent to 68.3% of the population, on the Current Path. The Central African Republic will continue to perform much worse than the average of African low-income countries as the extreme poverty rate in this scenario will be 42 percentage points above its peers.
This section presents reasonable but ambitious improvements in the Health/WaSH scenario, which include reductions in the mortality rate associated with both communicable diseases (e.g. AIDS, diarrhoea, malaria and respiratory infections) and non-communicable diseases (NCDs) (e.g. diabetes), as well as improvements in access to safe water and better sanitation. The acronym WaSH stands for water, sanitation and hygiene.

The intervention is explained here in the thematic part of the website.

In 2019, the country’s average life expectancy was 51.2 years — the lowest in the world. The gap between the life expectancy of women and men is significant. On average, men reached 48.8 years of age and women 53.7 years. The country’s exceptionally low life expectancy stems from a high disease burden, driven to a large extent by low levels of access to safe water and improved sanitation as well as high levels of conflict and violence. With a death rate of 7.8 deaths per 1 000 people, the Central African Republic’s communicable-disease burden is almost twice as high than the average rate of its income peer group which stands at 4.1.

The Health/WaSH scenario has the potential to increase life expectancy in the Central African Republic to 61.4 years in 2043, versus 60.4 years on the Current Path — a gain of one year. In this scenario, women are expected to live up to 64.5 years compared to 58.4 years for men by 2043.
The Central African Republic performs much worse on life expectancy than the average African low-income economy that is projected to increase life expectancy to 70.85 years on the Current Path.

The Health/WaSH scenario would have a positive impact on the Central African Republic's infant mortality rate. The infant mortality rate could drop from 81 deaths per 1,000 live births in 2019 to 30.7 deaths in 2043, compared to an expected rate of 35 deaths on the Current Path. The country performs worse than the average low-income economy in Africa, which is expected to record an infant mortality rate of 21.3 deaths per 1,000 live births in 2043 on the Current Path.
Agriculture scenario

The Agriculture scenario represents reasonable but ambitious increases in yields per hectare (reflecting better management and seed and fertiliser technology), increased land under irrigation and reduced loss and waste. Where appropriate, it includes an increase in calorie consumption, reflecting the prioritisation of food self-sufficiency above food exports as a desirable policy objective.

The intervention is explained here in the thematic part of the website.

The data on yield per hectare (in metric tons) is for crops but does not distinguish between different categories of crops.

In 2019, crop yields in the Central African Republic stood at 1.5 metric tons per hectare, which is far below the average of 2.7 metric tons per hectare for its low-income peer group on the continent. According to the Current Path forecast, by 2043 yields in the Central African Republic will increase modestly to 1.9 metric tons per hectare — an increase by about 27%. In the Agriculture scenario, however, yields could increase by 133% over the same time period and amount to 3.5 metric tons per hectare, almost equivalent to the projected average for low-income peers.
The Central African Republic has enormous potential to increase agriculture production. However, the recurring conflict coupled with subsistence farming has impeded an agricultural revolution. In 2019, net agricultural imports accounted for 7.2% of the country's demand — slightly below the average of 7.5% for low-income countries in Africa. On the Current Path, agricultural demand is increasingly outpacing production which will lead to greater import dependence. By 2043, net agricultural imports are expected to account for 39.3% of agricultural demand. This situation is mitigated in the Agriculture scenario as it has the potential to increase production to meet the rapid increase in demand fuelled by population growth. By 2043, net agricultural imports would account for 10.5% of demand — 21.8 percentage points below the Current Path average for low-income countries in Africa.
The Agriculture scenario is expected to push the Central African Republic’s GDP per capita to US$1,782 by 2043, compared to the Current Path forecast of US$1,516. Despite the boost, with an average GDP per capita of US$3,790 on the Current Path, per capita income in the average economy of African low-income countries is about 2.1 times greater than in the Central African Republic. It means that an agricultural revolution in the form of mechanised farming and improved technology can lead to economic growth in the Central African Republic.
The impact of the interventions in the Agriculture scenario imply that 60% of the population, equivalent to 5.03 million people, would live in extreme poverty, compared to 68.3% in the Current Path forecast. The Agriculture scenario has the potential to lift 730,000 people out of extreme poverty by 2043. The extreme poverty rate in this scenario will also be far higher than the projected average of 25.2% for low-income countries in Africa. The huge impact of the Agriculture scenario on poverty reduction in the Central African Republic underscores the importance of an agricultural revolution and mechanised farming in order to improve incomes of the large population whose livelihoods depend on the sector.
The Education scenario represents reasonable but ambitious improved intake, transition and graduation rates from primary to tertiary levels and better quality of education. It also models substantive progress towards gender parity at all levels, additional vocational training at secondary school level and increases in the share of science and engineering graduates.

With a mean of 4.2 years of education among the adult population in 2019, the Central African Republic’s educational outcomes are very poor and 0.2 years below the average for low-income in Africa. At 3.1 years of education, they are even worse for females. Males have a score of 5.26. The Education scenario has the potential to increase the Central African Republic’s mean years of education to 6.2 years by 2043, compared to 5.9 years on the Current Path. Female education outcomes would still lag behind those for males (5.58 versus 6.94 mean years of education, respectively). Globally, the Central African Republic ranks tenth last in terms of educational performance measured in mean years of education. Only Niger, Mali, Chad, Mozambique, Burkina Faso, South Sudan, Senegal, Sudan and Ethiopia have even worse educational outcomes. By 2043, this will increase to 6.1 years on the Current Path.
The average test score for learners is an important indicator for measuring the quality of education. The Central African Republic’s primary test score in 2019 was 25.4% below the average of 27.7% for low-income countries in the same year. According to the Current Path forecast, it will improve to 29.8% in 2043. The Education scenario is expected to accelerate improvements, pushing average test scores for primary learners to 35.2% by 2043 — an increase of at least 5 percentage points compared to the Current Path forecast and average for low-income countries by 2043.

In the Education scenario, the average test score at the secondary level could increase by more than 10 percentage points from 36.4% in 2019 to 47.5% in 2043, versus 39.3% in the Current Path. The Central African Republic scores relatively better on test scores for secondary learners than its income peers in Africa.
The Central African Republic’s GDP per capita will increase to US$1,516 on the Current Path, compared to US$1,613 in the Education scenario. The country’s GDP per capita is forecast to continue to lag behind the Current Path average of US$3,790 for Africa’s lower middle-income economies. Although education is essential for improving the human capital formation which ultimately leads to growth, its effects take a long to manifest. For instance, it will take about a decade for primary and secondary school leavers to contribute to the economy.
In the Education scenario, it is expected that 66.8% of the population will live in extreme poverty by 2043, down from 73.9% in 2019 and compared to 68.3% on the Current Path. This translates to a projected total of 5.62 million poor people in 2043 compared to 5.76 million on the Current Path. The extreme poverty rate in this scenario will be 41.7 percentage points above the average of the Central African Republic’s income peers on the continent.
Manufacturing scenario

The Manufacturing/Transfers scenario represents reasonable but ambitious manufacturing growth through greater investment in the economy, investments in research and development, and promotion of the export of manufactured goods. It is accompanied by an increase in welfare transfers (social grants) to moderate the initial increases in inequality that are typically associated with a manufacturing transition. To this end, the scenario improves tax administration and increases government revenues.

The intervention is explained here in the thematic part of the website.

Chart 30 should be read with Chart 8 that presents a stacked area graph on the contribution to GDP and size, in billion US$, of the Current Path economy for each of the sectors.

In the Manufacturing/Transfers scenario, the manufacturing sector will experience the largest long-term gain in terms of its relative contribution to GDP. It is expected to increase by 0.56 percentage points above the Current Path in 2043. The manufacturing sector is followed by the ICT and service sectors which are projected to see their relative contributions to GDP increase by 0.34 and 0.36 percentage points, respectively, above the Current Path in 2043. It needs to be noted that the service sector initially increases and peaks in 2040 when it is expected to add 1.03 percentage points in terms of its relative contribution to GDP compared to the Current Path and decline afterwards.
The value of the service sector is forecast to increase by additional US$300 million in the Manufacturing/Transfers scenario compared to the Current Path forecast. The Manufacturing/Transfers scenario has the potential for the Manufactures sector to contribute an extra US$200 million more to the economy by 2043 compared to the Current Path. The ICT sector is expected to contribute an additional US$0.5 million in this scenario, followed by materials at US$0.4.

**Chart 31: Gov welfare transfers in CP and Manufac/Transfers scenario, 2019-2043**

In the Manufacturing/Transfers scenario, government to household welfare transfers are forecast to increase from US$10 million in 2019 to US$200 million in 2043 — a twenty times increase over the forecast period. On the Current Path, government to household transfers will grow at a much slower rate, reaching US$100 million in 2043.
The Central African Republic’s GDP per capita is expected to increase from US$843 in 2019 to US$1,652 in the Manufacturing/Transfers scenario — 9% above the Current Path forecast of US$1,516. The GDP per capita in this scenario will also be significantly below the average of US$3,790 for average low-income countries in Africa.
The Manufacturing/Transfers scenario has the potential to reduce the share of the population living in extreme poverty from 73.9% in 2019 to 65.6% in 2043, compared to 68.3% in the Current Path forecast. This is a 3.3 percentage point improvement that would translate to about 230,000 fewer poor people in 2043 via the interventions in the Manufacturing/Transfers scenario. However, the Central African Republic's poverty rate would be almost 2.7 times as high as the average poverty rate of its low-income peer group which is expected to be 25.2%.

Source: IFs 7.63 initialising from UN Population Division Population Prospects estimate, World Development Indicators population data and PovCalNet World Bank data.
The Leapfrogging scenario represents a reasonable but ambitious adoption of and investment in renewable energy technologies, resulting in better access to electricity in urban and rural areas. The scenario includes accelerated access to mobile and fixed broadband and the adoption of modern technology that improves government efficiency and allows for the more rapid formalisation of the informal sector.

The intervention is explained here in the thematic part of the website.

Fixed broadband includes cable modem Internet connections, DSL Internet connections of at least 256 KB/s, fibre and other fixed broadband technology connections (such as satellite broadband Internet, ethernet local area networks, fixed-wireless access, wireless local area networks, WiMAX, etc.).

The Central African Republic, like most African low-income economies, had a low fixed broadband rate of 2.94 subscriptions per 100 people in 2019. In the Leapfrogging scenario, by 2043, fixed broadband is set to increase to 50 subscriptions per 100 people versus 49.2 on the Current Path. The benefit of the Leapfrogging scenario manifests in the medium term. Already by 2037 subscriptions are forecast to be up to 50 per 100 people versus 41 per 100 people on the Current Path. On fixed broadband subscriptions, the Central African Republic performs above average compared to its income peer group on the continent, which recorded an average of 2.3 subscriptions in 2019 — a rate that by 2043 could increase to 30 on the Current Path.
Mobile broadband refers to wireless Internet access delivered through cellular towers to computers and other digital devices.

Broadband subscriptions in the Central African Republic are expected to increase rapidly either way but more quickly in the Leapfrogging scenario. In 2019, the Central African Republic had 10.8 mobile broadband subscriptions per 100 people, a rate that is basically half as high as the group average of 22.9 subscriptions per 100 people for Africa’s low-income economies.

The Leapfrogging scenario has the potential to push mobile broadband subscriptions to 118.6 subscriptions per 100 people by 2043, 7 more subscriptions above the Current Path forecast in the same year. It will, however, trail behind the average of 133.9 subscriptions per 100 for low-income African countries.
Access to electricity remains a key challenge for the Central African Republic. In 2019, only 26.2% of the population (1.3 million people) had access to electricity. In fact, the country ranks 12th out of Africa's 23 low-income economies on access to electricity. At 32.17%, the 23 low-income economies in Africa have an average access rate that is almost 6 percentage points higher. In the Current Path forecast, 58.2% (4.9 million people) of the Central African Republic's population will have access to electricity in 2043. In the Leapfrogging scenario, access to electricity is projected to expand faster, reaching 62.8% of the population (5.3 million people) by 2043. The Central African Republic will still not be able to catch up with its peers. On average, its low-income peer group will have an access level of 60.5% in 2043 on the Current Path. The electricity access rate is higher for urban residents and is projected to increase from 45.4% in 2019 to 78.3% (compared to the 73.9% on the Current Path) in 2043 in the Leapfrogging scenario. The rural electricity access rate stood at paltry 13.6% in 2019 and is projected to reach 53.4% in the Leapfrogging scenario and 48.7% on the Current Path in 2043.
In the Leapfrogging scenario, the Central African Republic's GDP per capita is expected to experience a larger increase than on the Current Path: from US$843 in 2019 to US$1,706, compared to US$1,516. In the Leapfrogging scenario, the country's projected future GDP per capita will still be much lower than the projected average GDP per capita for Africa's low-income economies at US$3,790 in 2043.
The interventions in the Leapfrogging scenario are projected to benefit poverty reduction efforts in the Central African Republic. The share of the population living below the poverty line could drop from 73.9% to 65.2% by 2043, compared to 68.3% on the Current Path trajectory — a gain of close to 3 percentage points. The Leapfrogging scenario would reduce the number of people living in poverty to 5.49 million, meaning 270,000 fewer poor people, compared to the projected 5.76 million on the Current Path forecast. However, the extreme poverty rate in this scenario will be 2.6 times higher than the average for low-income countries in Africa by 2043.
Free Trade scenario

Chart 39: Trade balance in CP and Free Trade scenario, 2019–2043

The Free Trade scenario represents the impact of the full implementation of the African Continental Free Trade Area (AfCFTA) by 2034 through increases in exports, improved productivity and increased trade and economic freedom.

The intervention is explained here in the thematic part of the website.

The trade balance is the difference between the value of a country’s exports and its imports. A country that imports more goods and services than it exports in terms of value has a trade deficit, while a country that exports more goods and services than it imports has a trade surplus.

In 2019, the Central African Republic had a trade deficit that accounted for 29% of GDP —more than twice the average of 12.9% for its income peers. The implementation of the AfCFTA in the Free Trade scenario would improve the country’s short- and medium-term trade deficit compared to the Current Path forecast and reverse later on. In the Free Trade scenario, the country’s trade balance is set to improve with the deficit accounting for 22.5% of GDP by 2043 versus 22.1% on the Current Path. Essentially, in any case, the Central African Republic is expected to have a negative trade balance by 2043, and in the Free Trade scenario the deficit would be even a bit higher than on the Current Path. This may be as a result of the intense competition that firms in the country are likely to face due to trade liberalisation under the AfCFTA.
However, this is not enough to conclude that the Central African Republic will be worse off upon the full implementation of the AfCFTA.

In the Free Trade scenario, the Central African Republic’s GDP per capita is expected to experience a larger increase than on the Current Path: from US$843 in 2019 to US$1,720, 13.5% higher compared to US$1,516.
Trade openness will reduce poverty in the long term after initially increasing it due to the redistributive effects of trade. Most African countries export primary commodities and low-tech manufacturing products, and therefore a continental free trade agreement (AfCFTA) that reduces tariffs and non-tariff barriers across Africa will increase competition among countries in primary commodities and low-tech manufacturing exports. Countries with inefficient, high-cost manufacturing sectors might be displaced as the AfCFTA is implemented, thereby pushing up poverty rates. In the long term, as the economy adjusts and produces and exports its comparatively advantaged (lower relative cost) goods and services, poverty rates will decline.

In the Free Trade scenario, extreme poverty in the Central African Republic is expected to decrease more rapidly than on the Current Path. By 2043, 65.1% of the population is forecast to live in extreme poverty in the Free Trade scenario compared to 68.3% in the Current Path forecast. The 3.2 percentage point difference translates into 280,000 people that would be moved out of extreme poverty in the Free Trade scenario. In this scenario, the extreme poverty rate in the Central African Republic will be about 2.6 times higher than the average of Africa’s low-income economies in 2043.
The Financial Flows scenario represents a reasonable but ambitious increase in worker remittances and aid flows to poor countries, and an increase in the stock of foreign direct investment (FDI) and additional portfolio investment inflows to middle-income countries. We also reduced outward financial flows to emulate a reduction in illicit financial outflows.

The Central African Republic relies heavily on aid, mainly because of its high levels of poverty compounded by recurring conflict. In 2015, the country required a total US$415 million in aid. The UN, for instance, gave US$13.2 million to local donor agencies to support concerns of education, healthcare, nutrition, among others. According to the 2022 humanitarian response plan, at least 3.1 million people will require humanitarian assistance in 2022. At 30.7% of GDP in 2019, the Central African Republic is highly dependent on foreign aid, far above the average of 8.6% for the average low-income economy on the continent. In both the Current Path forecast and in the Financial Flows scenario, the contribution of foreign aid to the economy is projected to become less significant by 2043, dropping to 19.1% of GDP in the Financial Flows scenario and to 18.4% on the Current Path. In Africa's low-income economies, aid will account for on average 3.8% of GDP on the Current Path.
FDI flows to the Central African Republic accounted for about 3.1% of GDP in 2019 versus 4.3% for the average African low-income economy. The impact of the COVID-19 pandemic on FDI flows manifested in the sharp drop to 1.4% in 2020. In the Financial Flows scenario, FDI as a share of GDP is projected to recover and slightly surpass pre-pandemic levels. By 2043, FDI flows are set to account for 3.7% of the country’s GDP compared to 3.2% on the Current Path. In Africa’s low-income economies, FDI is expected to account for 4.7% on the Current Path. The high level of instability in the Central African Republic is a disincentive to attracting FDI into the country.
The Central African Republic is a net sender of remittances. In 2019, remittances sent represented 2% of GDP. On the Current Path, by 2043, the money sent abroad will account for about 3.1% of GDP. In the Financial Flows scenario, remittances out of the Central African Republic would account for 3.2% of GDP.
In the Financial Flows scenario, the Central African Republic's GDP per capita is expected to experience a slightly larger increase than on the Current Path — the difference being US$22. In the Financial Flows scenario, by 2043 the Central African Republic’s future GDP per capita of US$1,583 is projected to be significantly lower than the expected average for Africa’s low-income economies at US$3,790.
The interventions in the Financial Flows scenario have the potential to reduce the share of the population living in extreme poverty to 67.7% by 2043 compared to 68.3% in the Current Path forecast. This means that 500,000 fewer people (5.71 million people) could live below the poverty line in 2043. The extreme poverty rate in this scenario will be 42.5 percentage points above the average of the Central African Republic’s income peers on the continent.
The Infrastructure scenario represents a reasonable but ambitious increase in infrastructure spending across Africa, focusing on basic infrastructure (roads, water, sanitation, electricity access and ICT) in low-income countries and increasing emphasis on advanced infrastructure (such as ports, airports, railway and electricity generation) in higher-income countries.

Note that health and sanitation infrastructure is included as part of the Health/WaSH scenario and that ICT infrastructure and more rapid uptake of renewables are part of the Leapfrogging scenario. The interventions there push directly on outcomes, whereas those modelled in this scenario increase infrastructure spending, indirectly boosting other forms of infrastructure, including those supporting health, sanitation and ICT.

The intervention is explained here in the thematic part of the website.

In 2019, only 26.2% of the population of the Central African Republic (about 1.3 million people) had access to electricity. In urban areas, access rates were significantly higher, reaching 45.4%, versus 13.4% in rural areas. The interventions in the Infrastructure scenario have the potential to increase the Central African Republic’s overall electricity access rate to about 70% by 2043, compared to 58.1% on the Current Path. This means that close to one million more people could benefit from access to electricity by 2043 (5.87 million versus 4.91 million).
Rural areas would benefit more from the interventions in the Infrastructure scenario than urban areas because they are coming from such a low baseline. Access rates in rural areas would increase from 13.4% to 62.7% by 2043, compared to 48.7% on the Current Path. In urban areas, the Infrastructure scenario accounts for an additional improvement of about 7 percentage points pushing the expected access rate to 80.9%.

**Chart 48: Rural road access in CP and Infrastructure scenario, 2019–2043**

% of rural population within 2 km of an all-weather road

Indicator 9.1.1 in the Sustainable Development Goals refers to the proportion of the rural population who live within 2 km of an all-season road and is captured in the Rural Access Index.

Investments in rural road infrastructure are associated with positive socio-economic impacts, such as increased rural incomes and poverty reduction, improved maternal health as well as paediatric health and heightened agricultural productivity. In 2019, 40.5% of the Central African Republic’s rural population had access to an all-weather road. This is slightly below the average access rate of its low-income peer group which stands at 43%. The Infrastructure scenario has the potential to improve road access in rural Central African Republic. By 2043, it is projected that 46.6% of the population living in rural areas will have access to an all-weather road within a distance of 2 km, compared to 43.5% in the Current Path forecast. Despite the improvement in the Infrastructure scenario, it will still be lower than the 51% average for low-income African countries.
Improvements in the Infrastructure scenario are expected to push GDP per capita from US$843 in 2019 to US$1,588 in 2043, US$27 above the Current Path forecast. Despite the expected increases in both scenarios, the Central African Republic’s GDP per capita is forecast to remain below the average of US$3,790 for its low-income peer group on the continent.
In the Infrastructure scenario, the share of people in the Central Africa Republic living in extreme poverty is expected to drop from 73.9% in 2019 to 67.8% in 2043. This is a modest improvement compared to the Current Path forecast of 68.3%, and it means that 40,000 people could escape poverty by 2043 via the interventions in the Infrastructure scenario. The extreme poverty rate in this scenario will be 2.7 times higher than the average of its income peers on the continent.
Governance scenario

Chart 51: Gov effectiveness in CP and Governance scenario, 2019–2043
World Bank quality Index score for government effectiveness

The Governance scenario represents a reasonable but ambitious improvement in accountability and reduces corruption, and hence improves the quality of service delivery by government.

The intervention is explained here in the thematic part of the website.

As defined by the World Bank, government effectiveness ‘captures perceptions of the quality of public services, the quality of the civil service and the degree of its independence from political pressures, the quality of policy formulation and implementation, and the credibility of the government's commitment to such policies’.

Chart 51 presents the impact of the interventions in the Governance scenario on government effectiveness.

In 2019, the Central African Republic’s government effectiveness score ranked third last within its low-income peer group at 0.8, placing it well below the average group score of 1.37. In the Current Path forecast and in the Governance scenario, the Central African Republic’s government effectiveness quality score is projected to improve to 1.38 and 1.48, respectively, by 2043. Africa’s low-income economies could reach an average score of 1.9 on the Current Path.
In the Current Path forecast, GDP per capita is expected to increase to US$1 516 while the interventions in the Governance scenario have the potential to increase GDP per capita from US$843 in 2019 to US$1 616 in 2043. The Central African Republic is expected to lag behind the average GDP per capita for Africa's low-income economies which is projected to be US$3 790 on the Current Path.
The Governance scenario has a modest impact on poverty reduction. The Central African Republic could reduce the share of its population living below the poverty line to 67% by 2043, compared to 68.3% on the Current Path. The interventions in the Governance scenario could move about 110,000 people out of extreme poverty in 2043. The extreme poverty rate in this scenario will be 41.8 percentage points above the average of its income peers on the continent.
Impact of scenarios on carbon emissions

Chart 54: Carbon emissions in CP and scenarios, 2019–2043

Million tons of carbon (note, not CO2 equivalent)

This section presents projections for carbon emissions in the Current Path for the Central African Republic and the 11 scenarios. Note that IFs uses carbon equivalents rather than CO2 equivalents.

Carbon emissions in the Central Africa Republic are relatively low and projected to reach 900,000 tons by 2043 on the Current Path. The Central African Republic’s carbon emissions are projected to increase in all the scenarios. The intervention that leads to the greatest release of carbon is the Agriculture scenario, followed by the Free Trade and Stability scenarios. The least carbon-intensive scenario is the Demographic scenario.
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