# PROGRESS TOWARDS ACHIEVING SUSTAINABLE DEVELOPMENT GOALS, 2023

SUSTAINABLE DEVELOPMENT GOALS

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The 2030 Agenda for Sustainable Development and its 17 Sustainable Development Goals (SDGs), adopted by the United Nations in September 2015, have given new impetus to global efforts aimed at achieving sustainable development. The Sustainable Development Goals have been the focus of the European policy for a long time and included in key intersectoral projects, sectoral policies and initiatives. They provide a global policy framework for eradicating all forms of poverty, fighting inequality and tackling climate change, while ensuring that no one is left behind.

The table shows the indicators used to measure the progress of the Republic of Croatia towards achieving the UN Sustainable Development Goals. It is a set of EU indicators that Eurostat uses to monitor progress towards achieving the Sustainable Development Goals in the EU context, which are closely linked to EU policy initiatives. Data sources are the European Statistical System and other relevant data sources. In order to be able to evaluate the trend in the five-year period, the latest available values and the values at the beginning of the five-year period are shown. The data were downloaded from the Eurostat database on 22 March 2023.

**Indicators for measuring the progress of the Republic of Croatia towards achieving the Sustainable Development Goals**

| Indicator | Unit | Starting | | Latest | |
|---|---|---|---|---|---|
| | | year | value | year | value |
| **Goal 1 – No poverty** | | | | | |
| People at risk of poverty or social exclusion | % of population | 2016 | 23.5 | 2021 | 20.9 |
| People at risk of poverty or social exclusion in rural areas | % of population | 2016 | 30.3 | 2021 | 26.8 |
| People at risk of income poverty after social transfers | % of population | 2016 | 19.5 | 2021 | 19.2 |
| Severe material deprivation rate | % of population | 2016 | 7.3 | 2021 | 3.5 |
| People living in households with very low work intensity | % of population aged 0 to 64 | 2016 | 11.1 | 2021 | 7.5 |
| In work at-risk-of-poverty rate | % of population aged 18 or over | 2016 | 5.6 | 2021 | 4.9 |
| Housing cost overburden rate by poverty status | % of population | 2016 | 6.4 | 2021 | 4.5 |
| Self-reported unmet need for medical examination and care | % of population aged 16 or over | 2016 | 1.7 | 2021 | 1.7 |
| Severe housing deprivation rate | % of population | 2015 | 7.3 | 2020 | 5.1 |
| **Goal 2 – Zero hunger** | | | | | |
| Obesity rate | % of population aged 18 or over | 2014 | 18.7 | 2019 | 23.0 |
| Agricultural factor income per annual work unit (AWU) | EUR, chain linked volumes (2010) | 2016 | 5 946 | 2021 | 7 184 |
| Government support to agricultural research and development | euro per inhabitant | 2016 | 2.00 | 2021 | 1.40 |
| Area under organic farming | % of utilised agricultural area | 2015 | 4.94 | 2020 | 7.21 |
| Use of more hazardous pesticides | index, average 2015. – 2017. = 100 | 2015 | 106 | 2020 | 77 |
| Ammonia emissions from agriculture | kg per ha of utilised agricultural area | 2015 | 16.1 | 2020 | 17.3 |
| Estimated soil erosion by water | km$^2$ | 2010 | 3 780.9 | 2016 | 2 562.1 |
| **Goal 3 – Good health and well-being** | | | | | |
| Healthy life years at birth | years | 2015 | 56.1 | 2020 | 58.5 |
| Share of people with good or very good perceived health | % of population aged 16 or over | 2016 | 59.2 | 2021 | 62.8 |
| Smoking prevalence | % of population aged 15 or over | 2014 | 33 | 2020 | 36 |
| Standardised death rate due to tuberculosis, HIV and hepatitis | standardized mortality rate | 2015 | 2.74 | 2020 | 1.55 |

**Indicators for measuring the progress of the Republic of Croatia towards achieving the Sustainable Development Goals**

(continued)

| Indicator | Unit | Starting | | Latest | |
|---|---|---|---|---|---|
| | | year | value | year | value |
| Standardised preventable and treatable mortality | standardized mortality rate | 2015 | 393.71 | 2020 | 395.15 |
| Self-reported unmet need for medical examination and care | % of population aged 16 or over | 2016 | 1.7 | 2021 | 1.7 |
| Obesity rate | % of population aged 18 or over | 2014 | 18.7 | 2019 | 23.0 |
| Fatal accidents at work per 100 000 workers | number per 100 000 employed persons | 2015 | 2.16 | 2020 | 2.89 |
| Population living in households considering that they suffer from noise | % of population | 2015 | 8.3 | 2020 | 8.1 |
| Road traffic deaths | number of killed people | 2015 | 348 | 2020 | 237 |
| Years of life lost due to PM2.5 exposure | particulates < 2,5 µm | 2015 | 1 126 | 2020 | 996 |
| **Goal 4 – Quality education** | | | | | |
| Early leavers from education and training | % of population aged 18 to 24 | 2016 | 2.8 | 2021 | 2.4 |
| Early leavers from education and training, by citizenship | % of population aged 18 to 24 | 2016 | 2.8 | 2021 | 2.3 |
| Tertiary educational attainment | % of population aged 25 to 34 | 2016 | 32.8 | 2021 | 35.7 |
| Participation in early childhood education | % of the age group between 3-years-old and the starting age of compulsory education | 2015 | 69.5 | 2020 | 78.8 |
| Low achieving 15-year-olds in reading | % of 15-year-old students | 2015 | 19.9 | 2018 | 21.6 |
| Adult participation in learning | % of population aged 25 to 64 | 2016 | 3.0 | 2021 | 5.1 |
| Share of individuals having at least basic digital skills | % of population aged 16 to 74 | 2016 | 54.61 | 2021 | 63.37 |
| **Goal 5 – Gender equality** | | | | | |
| Physical and sexual violence to women | % of women aged 15 to 74 | N/A | : | 2012 | 5 |
| Gender pay gap in unadjusted form | % of average gross hourly earnings of men | 2016 | 11.6 | 2021 | 11.1 |
| Gender employment gap | percentage points, persons aged 20 - 64 | 2017 | 10.6 | 2022 | 9.5 |
| Gender gap in inactive population due to caring responsibilities | percentage points, persons aged 20 - 64 | 2016 | 23.9 | 2021 | 15.5 |
| Seats held by women in national parliaments and governments | % of seats | 2017 | 18.0 | 2022 | 32.5 |
| Positions held by women in senior management positions | % of board members | 2017 | 21.6 | 2022 | 27.6 |
| Early leavers from education and training | percentage points, persons aged 18 - 24 | 2016 | 1.5 | 2021 | 1.2 |
| Tertiary educational attainment by sex | percentage points, persons aged 25 - 34 | 2016 | 16.2 | 2021 | 16.6 |

**Indicators for measuring the progress of the Republic of Croatia towards achieving the Sustainable Development Goals**

(continued)

| Indicator | Unit | Starting | | Latest | |
|---|---|---|---|---|---|
| | | year | value | year | value |
| **Goal 6 – Clean water and sanitation** | | | | | |
| Population having neither a bath, nor a shower, nor indoor flushing toilet in their household | % of population | 2015 | 1.5 | 2020 | 0.7 |
| Population connected to at least secondary waste water treatment | % of population | 2015 | 36.9 | 2020 | 36.9 |
| Biochemical oxygen demand in rivers | mg O2 per litre | 2015 | 1.92 | 2020 | 1.59 |
| Phosphate in rivers | mg PO4 per litre | 2015 | 0.022 | 2020 | 0.026 |
| Water exploitation index, plus (WEI+) | % | 2014 | 0.17 | 2019 | 0.17 |
| Inland bathing sites with excellent water quality | % of inland bathing sites with excellent water quality | 2016 | 14.8 | 2021 | 19.5 |
| **Goal 7 Affordable and clean energy** | | | | | |
| Primary energy consumption | million tonnes of oil equivalent (Mtoe) | 2016 | 8.1 | 2021 | 8.3 |
| Final energy consumption | million tonnes of oil equivalent (Mtoe) | 2016 | 6.6 | 2021 | 7.0 |
| Final energy consumption in households per capita | kgoe | 2016 | 577 | 2021 | 617 |
| Energy productivity | EUR per kgoe | 2016 | 5.48 | 2021 | 6.13 |
| Share of renewable energy in gross final energy consumption | % | 2016 | 28.27 | 2021 | 31.33 |
| Energy import dependency | % of imports in gross available energy | 2016 | 48.43 | 2021 | 54.54 |
| Population unable to keep home adequately warm | % of population | 2016 | 9.3 | 2021 | 5.7 |
| **Goal 8 – Decent work and economic growth** | | | | | |
| Real GDP per capita | EUR per capita, chain-linked volumes (2010.) | 2016 | 11 270 | 2021 | 14 540 |
| Investment share of GDP | % of GDP | 2016 | 19.75 | 2021 | 20.73 |
| Young people neither in employment nor in education and training | % of population aged 15 to 29 | 2017 | 17.9 | 2022 | 13.3 |
| Employment rate | % of population aged 20 to 64 | 2017 | 63.6 | 2022 | 69.7 |
| Long-term unemployment rate | % of active population aged 15 to 74 | 2017 | 4.6 | 2022 | 2.4 |
| People killed in accidents at work | number per 100 000 employed persons | 2015 | 2.16 | 2020 | 2.89 |
| In work at-risk-of-poverty rate | % of population aged 18 or over | 2016 | 5.6 | 2021 | 4.9 |
| Inactive men and women due to caring responsibilities | % of inactive population aged 20 to 64 | 2016 | 36.0 | 2021 | 15.2 |
| Inactive men due to caring responsibilities | % of inactive men aged 20 to 64 | 2016 | 21.4 | 2021 | 6.3 |
| Inactive women due to caring responsibilities | % of inactive women aged 20 to 64 | 2016 | 45.3 | 2021 | 21.8 |
| **Goal 9 – Industry, innovation and infrastructure** | | | | | |
| Gross domestic expenditure on R&D | % of GDP | 2016 | 0.85 | 2021 | 1.24 |
| R&D personnel | % of active population | 2016 | 0.64 | 2021 | 0.93 |

**Indicators for measuring the progress of the Republic of Croatia towards achieving the Sustainable Development Goals**

(continued)

| Indicator | Unit | Starting | | Latest | |
|---|---|---|---|---|---|
| | | year | value | year | value |
| Patent applications to the European Patent Office (EPO) | number | 2016 | 16 | 2021 | 27 |
| Share of buses and trains in total passenger transport | % of total inland passenger transport – passenger-kilometres (PKM) | 2015 | 14.1 | 2020 | 11.1 |
| Share of rail and inland waterways in total freight transport | % of total inland passenger transport – tonne kilometres (TKM) | 2016 | 26.6 | 2021 | 30.1 |
| Air emission intensity from industry | grams per euro, chain linked volumes(2010.) | 2015 | 0.23 | 2020 | 0.19 |
| Tertiary educational attainment | % of population aged 25 to 34 | 2016 | 32.8 | 2021 | 35.7 |
| Gross value added in environmental goods and services sector | % of GDP | 2016 | 1.52 | 2021 | 1.47 |
| Share of households with fixed very high capacity network (VHCN) connection | % of households | 2016 | 15.6 | 2021 | 51.7 |
| **Goal 10 – Reduced inequalities** | | | | | |
| Purchasing power adjusted GDP per capita | real expenditure per capita (in PPS) | 2016 | 17 600 | 2021 | 22 600 |
| Adjusted gross disposable income of households per capita | purchasing power standard | 2016 | 12 644 | 2021 | 16 433 |
| Relative median at-risk-of-poverty gap | % distance to poverty threshold | 2016 | 28.2 | 2021 | 26.6 |
| Income distribution | income quintile share ratio | 2016 | 5.00 | 2021 | 4.78 |
| Income share of the bottom 40 % of the population | % of income | 2016 | 20.9 | 2021 | 21.3 |
| Asylum applications | positive first instance decisions, per million inhabitants | 2016 | 24 | 2021 | 18 |
| People at risk of poverty or social exclusion in rural areas | % of population | 2016 | 30.3 | 2021 | 26.8 |
| People at risk of income poverty after social transfers, by citizenship | % of population | 2016 | 19.3 | 2021 | 19.6 |
| Early leavers from education and training, by citizenship | % of population aged 18 to 24 | 2016 | 2.8 | 2021 | 2.3 |
| Young people neither in employment nor in education and training (NEET), by citizenship | % of population aged 15 to 29 | 2016 | 19.5 | 2021 | 14.9 |
| Employment rate, by citizenship | % of population aged 20 to 64 | 2016 | 61.5 | 2021 | 68.2 |
| **Goal 11 – Sustainable cities and communities** | | | | | |
| Severe housing deprivation rate | % of population | 2015 | 7.3 | 2020 | 5.1 |
| Population living in households considering that they suffer from noise | % of population | 2015 | 8.3 | 2020 | 8.1 |
| Settlement area per capita | m² per capita | 2015 | 670.7 | 2018 | 722.5 |
| Road traffic deaths | number of killed people | 2015 | 348 | 2020 | 237 |
| Years of life lost due to PM2.5 exposure | particulates < 2,5 μm | 2015 | 1 126 | 2020 | 996 |
| Recycling rate of municipal waste | % of total waste generated | 2016 | 21.0 | 2021 | 31.4 |
| Population connected to at least secondary waste water treatment | % of population | 2015 | 36.9 | 2020 | 36.9 |

**Indicators for measuring the progress of the Republic of Croatia towards achieving the Sustainable Development Goals**

(continued)

| Indicator | Unit | Starting | | Latest | |
|---|---|---|---|---|---|
| | | year | value | year | value |
| Share of buses and trains in total passenger transport | % total inland passenger transport – passenger-kilometres (PKM) | 2015 | 14.1 | 2020 | 11.1 |
| Population reporting occurrence of crime, violence or vandalism in their area | % of population | 2015 | 2.8 | 2020 | 2.4 |
| **Goal 12 – Responsible consumption and production** | | | | | |
| Raw material consumption (RMC) | tonnes per capita | 2015 | 12.499 | 2020 | 13.085 |
| Average CO2 emissions per km from new passenger cars | g $CO_2$ per km | 2016 | 111.5 | 2021 | 129.0 |
| Circular material use rate | % | 2016 | 4.6 | 2021 | 5.7 |
| Generation of waste excluding major mineral wastes | kg per capita | 2016 | 850 | 2020 | 1 025 |
| Gross value added in environmental goods and services sector | % of GDP | 2016 | 1.52 | 2021 | 1.47 |
| Energy productivity | EUR per kgoe | 2016 | 5.48 | 2021 | 6.13 |
| **Goal 13 – Climate action** | | | | | |
| Net greenhouse gas emissions | index 1990 = 100 | 2015 | 74.3 | 2020 | 71.8 |
| Net greenhouse gas emissions of the Land use, Land use change and Forestry (LULUCF) sector | tonnes per capita | 2015 | -1.3 | 2020 | -1.3 |
| Climate related economic losses | million euro | 2015 | 161 | 2020 | 51 |
| Contribution to the international 100bn USD commitment on climate related expending | million euro, current prices | 2017 | 0.02 | 2021 | 0.17 |
| Population covered by the Covenant of Mayors for Climate & Energy signatories | % of total population | 2016 | 43.0 | 2021 | 56.3 |
| Share of renewable energy in gross final energy consumption | % | 2016 | 28.27 | 2021 | 31.33 |
| Average CO2 emissions per km from new passenger cars | g $CO_2$ per km | 2016 | 111.5 | 2021 | 129.0 |
| **Goal 14 – Life below water** | | | | | |
| Surface of marine sites designated under Natura 2000 | $km^2$ | 2016 | 5 025 | 2021 | 5 277 |
| Coastal water bathing sites with excellent water quality | % of bathing sites with excellent water quality | 2016 | 14.8 | 2021 | 19.5 |
| Marine waters affected by eutrophication | $km^2$ | 2017 | 139 | 2022 | 11 |
| **Goal 15 – Life on land** | | | | | |
| Share of forest area | % of total land area | 2015 | 50.6 | 2018 | 58.0 |
| Surface of terrestrial sites designated under Natura 2000 | $km^2$ | 2020 | 21 332 | 2021 | 21 332 |
| Soil sealing index | index 2006 = 100 | 2012 | 102.9 | 2018 | 107.3 |
| Estimated soil erosion by water | $km^2$ | 2010 | 3 780.9 | 2016 | 2 562.1 |
| Biochemical oxygen demand in rivers | mg O2 per litre | 2015 | 1.92 | 2020 | 1.59 |
| Phosphate in rivers | mg PO4 per litre | 2015 | 0.022 | 2020 | 0.026 |
| **Goal 16 – Peace, justice and strong institutions** | | | | | |
| Standardised death rate due to homicide | standardized mortality rate | 2015 | 0.9 | 2020 | 0.97 |
| Population reporting occurrence of crime, violence or vandalism in their area | % of population | 2015 | 2.8 | 2020 | 2.4 |
| General government total expenditure on law courts | million euro | 2016 | 215 | 2021 | 264 |
| Perceived independence of the justice system | % of population whose level of perception is „very good or fairly good" | 2017 | 32 | 2022 | 21 |

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(continued)

| Indicator | Unit | Starting | | Latest | |
|---|---|---|---|---|---|
| | | year | value | year | value |
| Corruption Perceptions Index | score scale of 0 (highly corrupt) to 100 (very clean) | 2017 | 49 | 2022 | 50 |
| Population with confidence in the EU Parliament | % of population | 2017 | 50 | 2022 | 54 |
| **Goal 17 – Partnerships for the goals** | | | | | |
| Official development assistance as share of gross national income | % of GNI | 2016 | 0.07 | 2021 | 0.13 |
| EU imports from developing countries | million euro, current prices | 2016 | 3 102 | 2021 | 5 599 |
| General government gross debt | % of GDP | 2016 | 79.7 | 2021 | 78.4 |
| Share of environmental taxes in total tax revenues | % of total tax revenues and social contributions | 2016 | 9.3 | 2021 | 8.75 |
| Share of households with fixed very high capacity network (VHCN) connection | % of households | 2016 | 15.6 | 2021 | 51.7 |

Source: Eurostat