

SUSTAINABLE DEVELOPMENT REPORT 2019

Transformations to achieve the
Sustainable Development Goals

Includes the SDG Index and Dashboards



CZECH REPUBLIC

OECD Countries

OVERALL PERFORMANCE

Index score



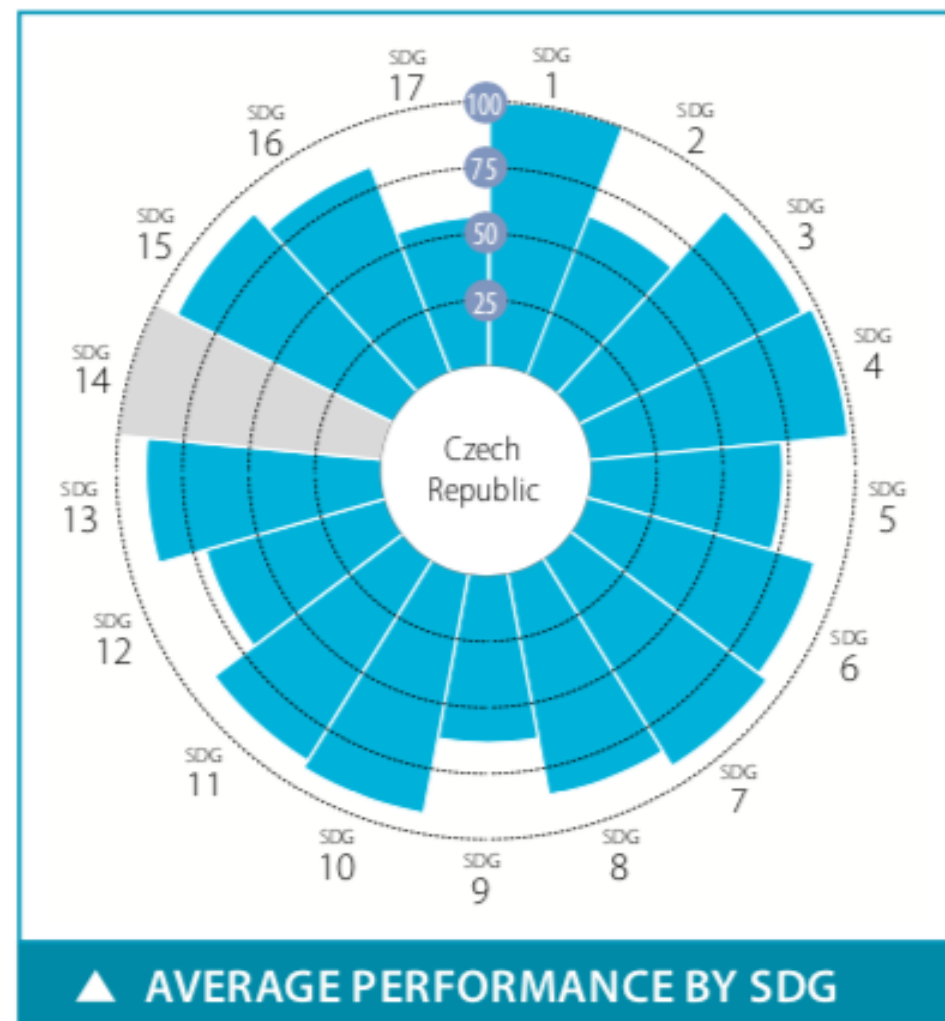
Regional average score



SDG Global rank **7** (OF 162)

SPILOVER INDEX

100 (best) to 0 (worst)



AVERAGE PERFORMANCE BY SDG

SDG1 – End Poverty

	Value	Rating	Trend
Poverty headcount ratio at \$1.90/day (% population)	0.3	●	↑
Poverty headcount ratio at \$3.20/day (% population)	0.4	●	↑
Poverty rate after taxes and transfers, Poverty line 50% (% population)	5.6	●	↑

SDG2 – Zero Hunger

Prevalence of undernourishment (% population)	2.5	●	↑
Prevalence of stunting (low height-for-age) in children under 5 years of age (%)	2.6	●	↑
Prevalence of wasting in children under 5 years of age (%)	4.6	●	↑
Prevalence of obesity, BMI ≥ 30 (% adult population)	26.0	●	↓
Cereal yield (t/ha)	6.3	●	↑
Sustainable Nitrogen Management Index	0.5	●	●
Yield gap closure (%)	57.8	●	●
Human Trophic Level (best 2-3 worst)	2.4	●	→

SDG3 – Good Health and Well-Being

Maternal mortality rate (per 100,000 live births)	4	●	↑
Neonatal mortality rate (per 1,000 live births)	1.7	●	↑
Mortality rate, under-5 (per 1,000 live births)	3.3	●	↑
Incidence of tuberculosis (per 100,000 population)	5.4	●	↑
New HIV infections (per 1,000)	0.0	●	↑
Age-standardised death rate due to cardiovascular disease, cancer, diabetes, and chronic respiratory disease in populations age 30-70 years (per 100,000 population)	15.0	●	↑
Age-standardised death rate attributable to household air pollution and ambient air pollution (per 100,000 population)	30	●	●
Traffic deaths rate (per 100,000 population)	6.5	●	↑
Life Expectancy at birth (years)	79.2	●	↑
Adolescent fertility rate (births per 1,000 women ages 15-19)	10.2	●	↑
Births attended by skilled health personnel (%)	99.8	●	●
Surviving infants who received 2 WHO-recommended vaccines (%)	96	●	↑
Universal Health Coverage Tracer Index (0-100)	88.6	●	↑
Subjective Wellbeing (average ladder score, 0-10)	7.0	●	↑
Gap in life expectancy at birth among regions (years)	3.4	●	●
Gap in self-reported health by income (0-100)	39.9	●	↓
Daily smokers (% population age 15+)	19.6	●	↑

SDG4 – Quality Education

Net primary enrolment rate (%)	NA	●	●
Lower secondary completion rate (%)	96.9	●	↑
Literacy rate of 15-24 year olds, both sexes (%)	NA	●	●
Enrolment in early childhood learning program (% ages 4-6)	91.8	●	●
Population age 25-34 with tertiary education (%)	33.8	●	↑
PISA score (0-600)	490.7	●	●
Variation in science performance explained by students' socio-economic status (%)	18.8	●	●
Students performing below level 2 in science (%)	20.7	●	●
Resilient students (%)	24.9	●	●

SDG5 – Gender Equality

Demand for family planning satisfied by modern methods (% women married or in unions aged 15-49)	* 82.2	●	↑
Female to male mean years of schooling, population age 25 + (%)	96.2	●	→
Female to male labour force participation rate (%)	76.3	●	↑
Seats held by women in national parliaments (%)	22.0	●	→
Gender wage gap (total, % male median wage)	15.6	●	↓
Gender gap in minutes spent per day doing unpaid work (minutes)	NA	●	●

SDG6 – Clean Water and Sanitation

Population using at least basic drinking water services (%)	99.9	●	●
Population using at least basic sanitation services (%)	99.1	●	●
Freshwater withdrawal as % total renewable water resources	24.0	●	●
Imported groundwater depletion (m ³ /year/capita)	5.9	●	●
Anthropogenic wastewater that receives treatment (%)	67.8	●	●
Population using safely managed water services (%)	97.6	●	↑
Population using safely managed sanitation services (%)	81.9	●	↓

SDG7 – Affordable and Clean Energy

Access to electricity (% population)	100.0	●	↑
Access to clean fuels & technology for cooking (% population)	97.1	●	↑
CO ₂ emissions from fuel combustion / electricity output (MtCO ₂ /TWh)	1.3	●	↑
Share of renewable energy in total final energy consumption (%)	14.8	●	↑

SDG8 – Decent Work and Economic Growth

Adjusted Growth (%)	0.8	●	●
Prevalence of Modern Slavery (victims per 1,000 population)	2.9	●	●
Adults (15 years +) with an account at a bank or other financial institution or with a mobile-money-service provider (%)	81.0	●	↑

Fatal work-related accidents embodied in imports (deaths per 100,000)	0.8	●	**
Employment-to-Population ratio (%)	73.6	●	↑
Youth not in employment, education or training (NEET) (%)	10.9	●	↑

SDG9 – Industry, Innovation and Infrastructure

Population using the internet (%)	78.7	●	↑
Mobile broadband subscriptions (per 100 inhabitants)	82.0	●	↑
Logistics performance index: Quality of trade and transport-related infrastructure (1=low to 5=high)	3.5	●	↑
The Times Higher Education Universities Ranking, Average score of top 3 universities (0-100)	32.9	●	**
Number of scientific and technical journal articles (per 1,000 population)	1.5	●	↑
Research and development expenditure (% GDP)	1.7	●	↑
Research and development researchers (per 1,000 employed)	7.1	●	↑
Triadic Patent Families filed (per million population)	3.6	●	→
Gap in internet access by income (%)	40.2	●	↑
Women in science and engineering (%)	32.2	●	**

SDG10 – Reduced Inequalities

Gini Coefficient adjusted for top income (1-100)	30.2	●	↑
Palma ratio	0.9	●	↑
Elderly Poverty Rate (%)	4.5	●	↑

SDG11 – Sustainable Cities and Communities

Annual mean concentration of particulate matter of less than 2.5 microns of diameter (PM2.5) (µg/m ³)	16.1	●	↑
Improved water source, piped (% urban population with access)	99.9	●	↑
Satisfaction with public transport (%)	70.5	●	→
Rent overburden rate (%)	11.6	●	**

SDG12 – Responsible Consumption and Production

E-waste generated (kg/capita)	15.9	●	**
Production-based SO ₂ emissions (kg/capita)	21.1	●	**
Imported SO ₂ emissions (kg/capita)	2.6	●	**
Nitrogen production footprint (kg/capita)	31.9	●	**
Net imported emissions of reactive nitrogen (kg/capita)	26.6	●	**
Non-recycled Municipal Solid Waste (kg/day/capita)	0.7	●	**

SDG13 – Climate Action

Energy-related CO ₂ emissions per capita (tCO ₂ /capita)	9.5	●	→
Imported CO ₂ emissions, technology-adjusted (tCO ₂ /capita)	-3.0	●	**
People affected by climate-related disasters (per 100,000 population)	0.0	●	**
CO ₂ emissions embodied in fossil fuel exports (kg/capita)	1,588.4	●	**
Effective Carbon Rate from all non-road energy, excluding emissions from biomass (€/tCO ₂)	7.6	●	**

SDG14 – Life Below Water

Mean area that is protected in marine sites important to biodiversity (%)	NA	●	**
Ocean Health Index Goal-Clean Waters (0-100)	NA	●	**
Fish Stocks overexploited or collapsed by EEZ (%)	NA	●	**
Fish caught by trawling (%)	NA	●	**

SDG15 – Life on Land

Mean area that is protected in terrestrial sites important to biodiversity (%)	92.3	●	↑
Mean area that is protected in freshwater sites important to biodiversity (%)	92.1	●	↑
Red List Index of species survival (0-1)	1.0	●	↑
Permanent Deforestation (5 year average annual %)	* 0.0	●	**
Imported biodiversity threats (per million population)	5.8	●	**

SDG16 – Peace, Justice and Strong Institutions

Homicides (per 100,000 population)	0.6	●	↑
Unsentenced detainees (%)	0.1	●	↑
Population who feel safe walking alone at night in the city or area where they live (%)	72.4	●	↑
Property Rights (1-7)	4.8	●	**
Birth registrations with civil authority, children under 5 years of age (%)	100.0	●	**
Corruption Perception Index (0-100)	59	●	↑
Children 5-14 years old involved in child labour (%)	* 0.0	●	**
Transfers of major conventional weapons (exports) (constant 1990 US\$ million per 100,000 population)	0.8	●	**
Freedom of Press Index (best 0-100 worst)	21.9	●	↑
Prison Population (per 100,000 people)	211.9	●	→

SDG17 – Partnerships for the Goals

Government Health and Education spending (% GDP)	* 9.1	●	→
High-income and all OECD DAC countries: International concessional public finance, including official development assistance (% GNI)	0.2	●	↓
Other countries: Government Revenue excluding Grants (% GDP)	NA	●	**
Tax Haven Score (best 0-5 worst)	* 0	●	**
Financial Secrecy Score (best 0-100 worst)	52.9	●	**

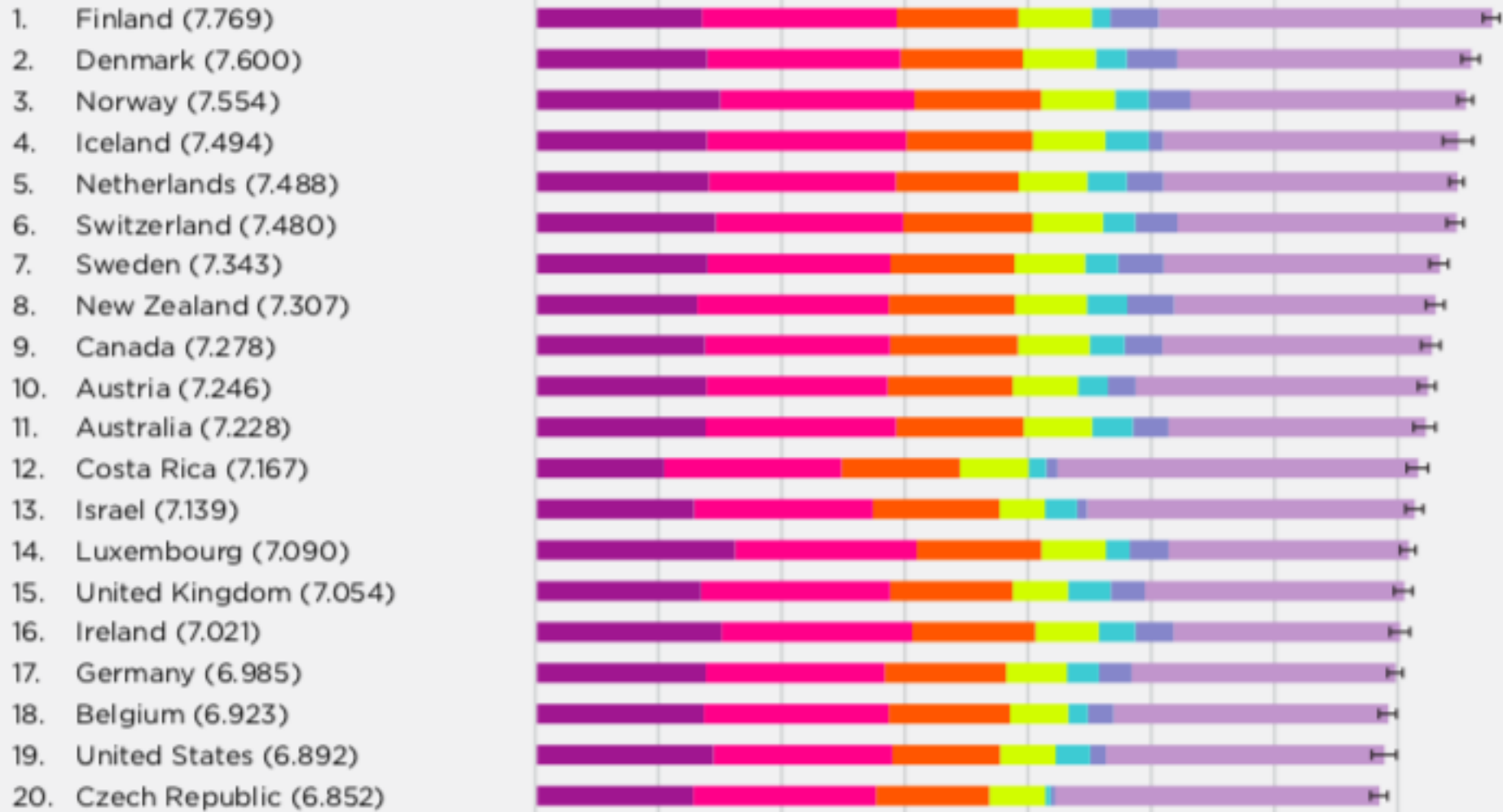
2019



W**H****R**
World Happiness Report

John F. Helliwell, Richard Layard and Jeffrey D. Sachs

Figure 2.7: Ranking of Happiness 2016-2018 (Part 1)



Country (region)	Ladder	SD of ladder	Positive affect	Negative affect	Social support	Freedom	Corruption	Generosity	Log of GDP per capita	Healthy life expectancy
OECD										
Finland	1	4	41	10	2	5	4	47	22	27
Denmark	2	13	24	26	4	6	3	22	14	23
Norway	3	8	16	29	3	3	8	11	7	12
Iceland	4	9	3	3	1	7	45	3	15	13
Netherlands	5	1	12	25	15	19	12	7	12	18
Switzerland	6	11	44	21	13	11	7	16	8	4
Sweden	7	18	34	8	25	10	6	17	13	17
New Zealand	8	15	22	12	5	8	5	8	26	14
Canada	9	23	18	49	20	9	11	14	19	8
Austria	10	10	64	24	31	26	19	25	16	15
Australia	11	26	47	37	7	17	13	6	18	10
Israel	13	14	104	69	38	93	74	24	31	11
Luxembourg	14	3	62	19	27	28	9	30	2	16
United Kingdom	15	16	52	42	9	63	15	4	23	24
Ireland	16	34	33	32	6	33	10	9	6	20
Germany	17	17	65	30	39	44	17	19	17	25
Belgium	18	7	57	53	22	53	20	44	21	26
United States	19	49	35	70	37	62	42	12	10	39
Czech Republic	20	20	74	22	24	58	121	117	32	31