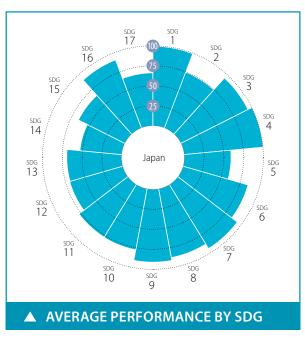# JAPAN

▼ OVERALL PERFORMANCE

Index score

79.2

Regional average score

77.3

SDG Global rank 17 (OF 166)

▼ SPILLOVER INDEX

100 (best) to 0 (worst)

▲ AVERAGE PERFORMANCE BY SDG

Japan

SDG 17, SDG 1, SDG 2, SDG 3, SDG 4, SDG 5, SDG 6, SDG 7, SDG 8, SDG 9, SDG 10, SDG 11, SDG 12, SDG 13, SDG 14, SDG 15, SDG 16

▼ CURRENT ASSESSMENT – SDG DASHBOARD

1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY	6 CLEAN WATER AND SANITATION	7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS	SUSTAINABLE DEVELOPMENT GOALS

■ Major challenges ■ Significant challenges ■ Challenges remain ■ SDG achieved ■ Information unavailable

▼ SDG TRENDS

1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY	6 CLEAN WATER AND SANITATION	7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
↗	↗	↑	↑	→	↑	↗	↑	↑

10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS
↓	↑	●	→	→	↗	↑	↗

↓ Decreasing → Stagnating ↗ Moderately improving ↑ On track or maintaining SDG achievement ● Information unavailable

Notes: The full title of Goal 2 "Zero Hunger" is "End hunger, achieve food security and improved nutrition and promote sustainable agriculture".
The full title of each SDG is available here: https://sustainabledevelopment.un.org/topics/sustainabledevelopmentgoals

JAPAN

SDG1 – No Poverty

Indicator	Value	Year	Rating	Trend
Poverty headcount ratio at $1.90/day (%)	0.5	2020	green	↑
Poverty headcount ratio at $3.20/day (%)	0.7	2020	green	↑
Poverty rate after taxes and transfers (%)	15.7	2015	red	→

SDG2 – Zero Hunger

Indicator	Value	Year	Rating	Trend
Prevalence of undernourishment (%)	2.5	2017	green	↑
Prevalence of stunting in children under 5 years of age (%)	7.1	2010	green	↑
Prevalence of wasting in children under 5 years of age (%)	2.3	2010	green	↑
Prevalence of obesity, BMI ≥ 30 (% of adult population)	4.3	2016	green	↑
Human Trophic Level (best 2–3 worst)	2.4	2017	orange	→
Cereal yield (tonnes per hectare of harvested land)	6.0	2017	green	↑
Sustainable Nitrogen Management Index (worst 0–1.41 best)	0.6	2015	orange	↓
Yield gap closure (% of potential yield)	NA	NA	grey	grey

SDG3 – Good Health and Well-Being

Indicator	Value	Year	Rating	Trend
Maternal mortality rate (per 100,000 live births)	5	2017	green	↑
Neonatal mortality rate (per 1,000 live births)	0.9	2018	green	↑
Mortality rate, under-5 (per 1,000 live births)	2.5	2018	green	↑
Incidence of tuberculosis (per 100,000 population)	14.0	2018	yellow	↑
New HIV infections (per 1,000 uninfected population)	0.0	2018	green	↑
Age-standardized death rate due to cardiovascular disease, cancer, diabetes, or chronic respiratory disease in adults aged 30–70 years (%)	8.4	2016	green	↑
Age-standardized death rate attributable to household air pollution and ambient air pollution (per 100,000 population)	12	2016	green	grey
Traffic deaths (per 100,000 population)	4.1	2016	green	↑
Life expectancy at birth (years)	84.2	2016	green	↑
Adolescent fertility rate (births per 1,000 adolescent females aged 15 to 19)	3.8	2017	green	↑
Births attended by skilled health personnel (%)	99.9	2015	green	↑
Percentage of surviving infants who received 2 WHO-recommended vaccines (%)	97.0	2018	green	↑
Universal health coverage (UHC) index of service coverage (worst 0–100 best)	83.0	2017	green	↑
Subjective well-being (average ladder score, worst 0–10 best)	5.9	2019	yellow	↗
Gap in life expectancy at birth among regions (years)	0.9	2010	green	grey
Gap in self-reported health status by income (percentage points)	11.4	2016	green	↑
Daily smokers (% of population aged 15 and over)	17.7	2017	green	↑

SDG4 – Quality Education

Indicator	Value	Year	Rating	Trend
Net primary enrollment rate (%)	* 100.0	2017	green	↑
Lower secondary completion rate (%)	* 100.0	2017	green	↑
Literacy rate (% of population aged 15 to 24)	NA	NA	grey	grey
Participation rate in pre-primary organized learning (% of children aged 4 to 6)	* 91.0	2016	green	grey
Tertiary educational attainment (% of population aged 25 to 34)	60.7	2018	green	↑
PISA score (worst 0–600 best)	520.0	2018	green	↑
Variation in science performance explained by socio-economic status (%)	7.7	2018	green	↑
Underachievers in science (% of 15-year-olds)	10.8	2018	green	↑
Resilient students in science (% of 15-year-olds)	50.2	2018	green	↑

SDG5 – Gender Equality

Indicator	Value	Year	Rating	Trend
Demand for family planning satisfied by modern methods (% of females aged 15 to 49 who are married or in unions)	* 60.1	2017	orange	↓
Ratio of female-to-male mean years of education received (%)	103.2	2018	green	↑
Ratio of female-to-male labor force participation rate (%)	73.0	2019	green	↑
Seats held by women in national parliament (%)	9.9	2020	red	→
Gender wage gap (% of male median wage)	24.5	2017	red	→
Gender gap in time spent doing unpaid work (minutes/day)	183.5	2016	red	grey

SDG6 – Clean Water and Sanitation

Indicator	Value	Year	Rating	Trend
Population using at least basic drinking water services (%)	99.0	2017	green	grey
Population using at least basic sanitation services (%)	99.9	2017	green	grey
Freshwater withdrawal (% of available freshwater resources)	37.3	2010	yellow	grey
Anthropogenic wastewater that receives treatment (%)	75.3	2016	green	grey
Scarce water consumption embodied in imports (m³/capita)	20.9	2013	green	↑
Population using safely managed water services (%)	98.5	2017	green	↑
Population using safely managed sanitation services (%)	98.8	2017	green	↑

SDG7 – Affordable and Clean Energy

Indicator	Value	Year	Rating	Trend
Population with access to electricity (%)	100.0	2017	green	↑
Population with access to clean fuels and technology for cooking (%)	100.0	2016	green	↑
CO_2 emissions from fuel combustion for electricity and heating per total electricity output (MtCO₂/TWh)	1.1	2017	yellow	↗
Share of renewable energy in total primary energy supply (%)	5.9	2018	red	→

SDG8 – Decent Work and Economic Growth

Indicator	Value	Year	Rating	Trend
Adjusted GDP growth (%)	-2.0	2018	orange	grey
Victims of modern slavery (per 1,000 population)	0.3	2018	green	grey
Adults with an account at a bank or other financial institution or with a mobile-money-service provider (% of population aged 15 or over)	98.2	2017	green	↑
Fatal work-related accidents embodied in imports (per 100,000 population)	1.2	2010	yellow	↑
Employment-to-population ratio (%)	77.7	2019	green	↑
Youth not in employment, education or training (NEET) (% of population aged 15 to 29)	9.8	2014	green	grey

SDG9 – Industry, Innovation and Infrastructure

Indicator	Value	Year	Rating	Trend
Population using the internet (%)	91.3	2018	green	↑
Mobile broadband subscriptions (per 100 population)	193.3	2018	green	↑
Logistics Performance Index: Quality of trade and transport-related infrastructure (worst 1–5 best)	4.2	2018	green	↑
The Times Higher Education Universities Ranking: Average score of top 3 universities (worst 0–100 best)	64.0	2020	green	grey
Scientific and technical journal articles (per 1,000 population)	0.8	2018	green	↑
Expenditure on research and development (% of GDP)	3.2	2017	green	↑
Researchers (per 1,000 employed population)	9.8	2018	green	↑
Triadic patent families filed (per million population)	142.9	2017	green	↑
Gap in internet access by income (percentage points)	NA	NA	grey	grey
Women in science and engineering (% of tertiary graduates in science and engineering)	NA	NA	grey	grey

SDG10 – Reduced Inequalities

Indicator	Value	Year	Rating	Trend
Gini coefficient adjusted for top income	35.7	2008	orange	grey
Palma ratio	1.3	2015	red	↓
Elderly poverty rate (% of population aged 66 or over)	19.6	2015	orange	↓

SDG11 – Sustainable Cities and Communities

Indicator	Value	Year	Rating	Trend
Annual mean concentration of particulate matter of less than 2.5 microns in diameter (PM2.5) (µg/m³)	11.7	2017	yellow	↑
Access to improved water source, piped (% of urban population)	NA	NA	grey	grey
Satisfaction with public transport (%)	58.0	2019	yellow	↗
Population with rent overburden (%)	8.1	2016	yellow	↑

SDG12 – Responsible Consumption and Production

Indicator	Value	Year	Rating	Trend
Electronic waste (kg/capita)	16.9	2016	red	grey
Production-based SO_2 emissions (kg/capita)	42.0	2012	yellow	grey
SO_2 emissions embodied in imports (kg/capita)	9.5	2012	orange	grey
Production-based nitrogen emissions (kg/capita)	28.3	2010	green	grey
Nitrogen emissions embodied in imports (kg/capita)	9.5	2010	green	grey
Non-recycled municipal solid waste (kg/capita/day)	0.7	2017	green	grey

SDG13 – Climate Action

Indicator	Value	Year	Rating	Trend
Energy-related CO_2 emissions (tCO₂/capita)	8.8	2017	red	→
CO_2 emissions embodied in imports (tCO₂/capita)	1.8	2015	red	→
CO_2 emissions embodied in fossil fuel exports (kg/capita)	0.0	2019	green	grey
Effective carbon rate (EUR/tCO₂)	7.8	2016	red	grey

SDG14 – Life Below Water

Indicator	Value	Year	Rating	Trend
Mean area that is protected in marine sites important to biodiversity (%)	73.5	2018	green	↑
Ocean Health Index: Clean Waters score (worst 0–100 best)	59.4	2019	red	↓
Fish caught from overexploited or collapsed stocks (% of total catch)	70.8	2014	red	↓
Fish caught by trawling (%)	24.2	2014	yellow	↓
Marine biodiversity threats embodied in imports (per million population)	1.0	2018	red	grey

SDG15 – Life on Land

Indicator	Value	Year	Rating	Trend
Mean area that is protected in terrestrial sites important to biodiversity (%)	65.8	2018	green	↑
Mean area that is protected in freshwater sites important to biodiversity (%)	67.0	2018	green	↑
Red List Index of species survival (worst 0–1 best)	0.8	2019	red	↓
Permanent deforestation (% of forest area, 5-year average)	0.0	2018	green	grey
Terrestrial and freshwater biodiversity threats embodied in imports (per million population)	5.1	2018	red	grey

SDG16 – Peace, Justice and Strong Institutions

Indicator	Value	Year	Rating	Trend
Homicides (per 100,000 population)	0.2	2017	green	↑
Unsentenced detainees (% of prison population)	11.3	2018	green	↑
Percentage of population who feel safe walking alone at night in the city or area where they live (%)	73.3	2019	green	↑
Property Rights (worst 1–7 best)	6.2	2019	green	↑
Birth registrations with civil authority (% of children under age 5)	100.0	2019	green	grey
Corruption Perception Index (worst 0–100 best)	73.0	2019	green	↑
Children involved in child labor (% of population aged 5 to 14)	* 0.0	2016	green	grey
Exports of major conventional weapons (TIV constant million USD per 100,000 population)	0.0	2019	green	grey
Press Freedom Index (best 0–100 worst)	29.4	2019	green	↑
Persons held in prison (per 100,000 population)	40.6	2017	green	↑

SDG17 – Partnerships for the Goals

Indicator	Value	Year	Rating	Trend
Government spending on health and education (% of GDP)	12.3	2016	green	↑
For high-income and all OECD DAC countries: International concessional public finance, including official development assistance (% of GNI)	0.2	2017	red	→
Other countries: Government revenue excluding grants (% of GDP)	NA	NA	grey	grey
Corporate Tax Haven Score (best 0–100 worst)	* 0.0	2019	green	grey
Financial Secrecy Score (best 0–100 worst)	62.9	2020	red	grey
Shifted profits of multinationals (US$ billion)	11.8	2016	green	grey

5. Country Profiles

* Imputed data point. *Source:* Sachs, J., Schmidt-Traub, G., Kroll, C., Lafortune, G., Fuller, G., Woelm, F. 2020. The Sustainable Development Goals and COVID-19. Sustainable Development Report 2020. Cambridge: Cambridge University Press.