

CSD Indicators for NSDS

The purpose of the CSD indicators has been to inform policy at the national level. They are useful to assess the improvements towards sustainable development. The selection of these indicators provides the tools to measure success within the national strategy frameworks for sustainable development.

Theme	Sub-theme	Core indicator	Other indicator
Poverty	<i>Income poverty</i>	Proportion of population living below national poverty line http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/poverty/national_poverty_line.pdf	Proportion of population below \$1 a day http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/poverty/below_dollar.pdf
	<i>Income inequality</i>	Ratio of share in national income of highest to lowest quintile http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/poverty/ratio_quintile.pdf	
	<i>Sanitation</i>	Proportion of population using an improved sanitation facility http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/poverty/improved_sanitation.pdf	
	<i>Drinking water</i>	Proportion of population using an improved water source http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/poverty/improved_water_source.pdf	
	<i>Access to energy</i>	Share households without electricity or other modern energy services http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/poverty/without_electricity.pdf	Percentage of population using solid fuels for cooking http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/poverty/solid_fuels.pdf
	<i>Living conditions</i>	Proportion of urban population living in slums http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/poverty/urban_slums.pdf	
Governance	<i>Corruption</i>	Percentage of population having paid bribes http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/governance/paid_bribes.pdf	
	<i>Crime</i>	Number of intentional homicides per 100,000 population http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/governance/homicides.pdf	
Health	<i>Mortality</i>	Under-five mortality rate http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/health/under_five_mortality.pdf	
		Life expectancy http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/health/life_expectancy.pdf	Health life expectancy at birth http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/health/health_life_expectancy.pdf

Theme	Sub-theme	Core indicator	Other indicator
Health (continued)	Health care delivery	Percent of population with access to primary health care facilities http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/health/primary_health_care.pdf	Contraceptive prevalence rate http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/health/contraceptive_prevalence.pdf
		Immunization against infectious childhood diseases http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/health/immunization.pdf	
	Nutritional status of children http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/health/nutritional_status.pdf		
	Health status and risks	Morbidity of major diseases such as HIV/AIDS, malaria, tuberculosis http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/health/morbidity.pdf	Prevalence of tobacco use http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/health/tobacco_use.pdf
		Suicide Rate http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/health/suicide_rate.pdf	
Education	Education level	Gross intake ratio to last grade of primary education http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/education/intake_education.pdf	Life long learning http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/education/life_long_learning.pdf
		Net enrolment rate in primary education http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/education/net_enrolment.pdf	
		Adult secondary (tertiary) schooling attainment level http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/education/adult_secondary_schooling.pdf	
	Literacy	Adult literacy rate http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/education/adult_literacy.pdf	
Demographics	Population	Population growth rate http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/demographics/population_growth_rate.pdf	Total fertility rate http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/demographics/total_fertility_rate.pdf
		Dependency ratio http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/demographics/dependency_ratio.pdf	
	Tourism		Ratio of local residents to tourists in major tourist regions and destinations http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/demographics/ratio_localresidents_tourists.pdf

Theme	Sub-theme	Core indicator	Other indicator
Natural hazards	Vulnerability to natural hazards	Percentage of population living in hazard prone areas http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/natural_hazards/population_hazard_proneareas.pdf	
	Disaster preparedness and response		Human and economic loss due to natural disasters http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/natural_hazards/human_econ_loss.pdf
Atmosphere	Climate change	Carbon dioxide emissions http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/atmosphere/co2_emissions.pdf	Emissions of greenhouse gases http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/atmosphere/ghg_emissions.pdf
	Ozone layer depletion	Consumption of ozone depleting substances http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/atmosphere/ozone_depleting_substance.pdf	
	Air quality	Ambient concentration of air pollutants in urban areas http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/atmosphere/air_pollutants_urban.pdf	
Land	Land use and status		Land use change http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/land/land_use_change.pdf
			Land degradation http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/land/land_degradation.pdf
	Desertification		Land affected by desertification http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/land/desertification.pdf
	Agriculture	Arable and permanent cropland area http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/land/arable_cropland_area.pdf	Fertilizer use efficiency http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/land/fertilizer_use_efficiency.pdf
			Use of agricultural pesticides http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/land/agricultural_pesticides.pdf
			Area under organic farming http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/land/organic_farming.pdf
	Forests	Proportion of land area covered by forests http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/land/land_area_forests.pdf	Percent of forest trees damaged by defoliation http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/land/defoliation.pdf
		Area of forest under sustainable forest management http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/land/sustainable_forest_management.pdf	

Theme	Sub-theme	Core indicator	Other indicator
Oceans, seas and coasts	Coastal zone	Percentage of total population living in coastal areas http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/oceans_seas_coasts/pop_coastal_areas.pdf	Bathing water quality http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/oceans_seas_coasts/bathing_water_quality.pdf
	Fisheries	Proportion of fish stocks within safe biological limits http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/oceans_seas_coasts/fishstocks.pdf	
	Marine environment	Proportion of marine area protected http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/oceans_seas_coasts/protected_marine_area.pdf	Marine tropic index http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/oceans_seas_coasts/marine_tropic_index.pdf
			Area of coral reef ecosystems and percentage live cover http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/oceans_seas_coasts/coral_reef.pdf
Freshwater	Water quantity	Proportion of total water resources used http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/freshwater/total_water_resources_used.pdf	
		Water use intensity by economic activity http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/freshwater/water_use_intensity.pdf	
	Water quality	Presence of faecal coliforms in freshwater http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/freshwater/faecal_coliforms.pdf	Biochemical oxygen demand in water bodies http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/freshwater/biochemical_oxygen_demand.pdf
			Wastewater treatment http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/freshwater/waste_water_treatment.pdf
Biodiversity	Ecosystem	Proportion of terrestrial area protected, total and by ecological region http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/biodiversity/terrestrial_areas.pdf	Management effectiveness of protected areas http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/biodiversity/management_effectiveness.pdf
			Area of selected key ecosystems http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/biodiversity/selected_key_ecosystems.pdf
			Fragmentation of habitats http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/biodiversity/fragmentation_habitats.pdf
	Species	Change in threat status of species http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/biodiversity/threat_status_species.pdf	Abundance of selected key species http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/biodiversity/abundance_key_species.pdf

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Biodiversity (continued)	Species (cont.)		Abundance of invasive alien species http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/biodiversity/invasive_alien_species.pdf
Economic Development	Macro-economic performance	Gross domestic product (GDP) per capita http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/gdp_percapita.pdf	Gross saving http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/gross_saving.pdf
		Investment share in GDP http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/investment_share_gdp.pdf	Adjusted net savings as percentage of gross national income (GNI) http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/adjusted_net_saving.pdf
			Inflation rate http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/inflation_rate.pdf
	Sustainable public finance	Debt to GNI ratio http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/debt_gni_ratio.pdf	
	Employment	Employment-population ratio http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/employment_pop_ratio.pdf	Vulnerable employment http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/vulnerable_employment.pdf
		Labor productivity and unit labour costs http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/labor_productivity.pdf	
		Share of women in wage employment in the non-agricultural sector http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/women_wage_employment.pdf	
	Information and communication technologies	Internet users per 100 population http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/internet_users.pdf	Fixed telephone lines per 100 population http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/fixed_telephone_lines.pdf
			Mobile cellular telephone subscribers per 100 population http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/mobile_cell_phones.pdf
	Research and development		Gross domestic expenditure on R&D as a percent of GDP http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/research_development_expenditure.pdf

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Economic Dev. (continued)	Tourism	Tourism contribution to GDP http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/econ_development/tourism_contribution.pdf	
Global economic partnership	Trade	Current account deficit as percentage of GDP http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/global_econ_partnership/current_account_deficit.pdf	Share of imports from developing countries and from LDCs http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/global_econ_partnership/imports_from_devcountries.pdf
			Average tariff barriers imposed on exports from developing countries and LDCs http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/global_econ_partnership/export_tariff.pdf
	External financing	Net Official Development Assistance (ODA) given or received as a percentage of GNI http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/global_econ_partnership/net_oda.pdf	Foreign direct investment (FDI) net inflows and net outflows as percentage of GDP http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/global_econ_partnership/fdi.pdf
			Remittances as percentage of GNI http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/global_econ_partnership/remittances.pdf
Consumption and production patterns	Material consumption	Material intensity of the economy http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/consumption_production/material_intensity.pdf	Domestic material consumption http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/consumption_production/domestic_material_consumption.pdf
	Energy use	Annual energy consumption, total and by main user category http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/consumption_production/annual_energy_consumption.pdf	Share of renewable energy sources in total energy use http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/consumption_production/share_renewable_energy.pdf
		Intensity of energy use, total and by economic activity http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/consumption_production/energy_use_intensity.pdf	
	Waste generation and management	Generation of hazardous waste http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/consumption_production/generation_hazardous_waste.pdf	Generation of waste http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/consumption_production/waste_generation.pdf

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Consumption and production patterns (continued)	Waste generation and management (cont.)	Waste treatment and disposal http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/consumption_production/waste_treatment_disposal.pdf	Management of radioactive waste http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/consumption_production/radioactive_waste_management.pdf
	Transportation	Modal split of passenger transportation http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/consumption_production/modal_split_passenger_transport.pdf	Modal split of freight transport http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/consumption_production/modal_split_freight_transport.pdf
			Energy intensity of transport http://www.un.org/esa/sustdev/natlinfo/indicators/methodology_sheets/consumption_production/energy_intensity_transport.pdf

Source: CSD Indicators of Sustainable Development – 3rd edition
Revised set of indicators of sustainable development prepared for CSD
UN Department of Economic and Social Affairs; Division for Sustainable Development
URL= <http://www.un.org/esa/sustdev/natlinfo/indicators/factsheet.pdf> ;
<http://www.un.org/esa/sustdev/natlinfo/indicators/guidelines.pdf>

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Other documents:

Updated information on progress made in fulfilling the commitment to make progress in the formulation, elaboration and implementation of such strategies by 2005.
<http://www.un.org/esa/sustdev/natlinfo/nsds/nsdsMap.htm>

UN DESA (2002), Guidance in Preparing a National Sustainable Development Strategy: Managing Sustainable Development in a new Millennium, DESA/DSD/PC2/BP13
http://www.un.org/esa/sustdev/publications/nsds_guidance.pdf