

Data siri masa indikator GEI Malaysia mengikut komponen

Code (a)	List of GEI Malaysia (b)	Unit of measurement (e)	Data availability (f)									
			2005	2009	2010	2011	2012	2013	2014	2015	2016	2017
1	Economic, demographic and social context for sustainable development											
1.1	Demographic patterns and trends											
1.1.1	Total population, both sexes combined	Number ('000)			28,588.6	29,062.0	29,510.0	30,213.7	30,708.5	31,186.1	31,633.5 ^p	32,049.7 ^e
1.1.2	Population growth rate	Percentage			1.8	1.6	1.5	2.4	1.6	1.5	1.4 ^p	1.3 ^e
1.1.3	Percentage of urban population	Percentage			71.0	71.7	72.4	73.0	73.6	74.3	74.8 ^p	75.5 ^e
1.1.4	Growth rate of urban population	Percentage			3.1	2.6	2.5	3.2	2.5	2.5	2.1 ^p	2.1 ^e
1.1.5	Population (age 65 and above), total, both sexes	Number ('000)			1,425.1	1,492.1	1,566.2	1,649.9	1,734.1	1,821.5	1,911.4 ^p	2,002.8 ^e
1.1.6	Population density, inhabitant per km ²	Number			86	88	89	91	93	94	96 ^p	97 ^e
1.1.7	Life expectancy at birth, both sexes combined	Year			74.1	74.3	74.4	74.5	74.5	74.6	74.7 ^p	74.8 ^e
1.2	Economic growth, structure of economy and productivity											
1.2.1	Real GDP	RM (billion) at constant 2010 prices			821.4	864.9	912.3	955.1	1,012.40	1,063.4 ^e	1,108.2 ^p	
1.2.2	GDP per capita	RM			28,733	29,761	30,914	31,611	32,970	34,097 ^e	35,003 ^p	
1.2.3	Gross National Disposable Income (GNDI)	RM (million) at current prices			773,512	869,071	916,941	967,140	1,052,376	1,104,286 ^e	1,176,851 ^p	
1.2.4	Share of agriculture in GDP	Percentage at constant 2010 prices			10.1	10.2	9.8	9.5	9.2	8.9 ^e	8.1 ^p	
1.2.5	Share of industry/manufacturing in GDP	Percentage at constant 2010 prices			23.4	23.5	23.2	22.9	23.0	22.9 ^e	23.0 ^p	
1.2.6	Share of services in GDP	Percentage at constant 2010 prices			51.2	52.0	52.5	53.2	53.5	53.5 ^e	54.3 ^p	
1.2.7	Proportion of cellular subscribers to total population	Percentage		92.3	n.a.	n.a.	95.0	n.a.	97.2	n.a.	97.9	
1.2.8	Proportion of internet users of total population	Percentage		16.3	n.a.	n.a.	38.7	n.a.	44.3	n.a.	76.0	

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1.3	Labour											
1.3.1	Labour force participation	Percentage			63.7	64.5	65.6	67.3	67.6	67.9	67.7	
1.3.2	Proportion of employment by relevant economic activities	Number of person ('000)			11,899.5	12,352.0	12,820.5	13,545.4	13,852.6	14,067.7	14,163.7	
1.3.3	Unemployment rate	Percentage			3.3	3.1	3.0	3.1	2.9	3.1	3.4	
1.3.4	Labour productivity [GDP per person employed]	RM (constant prices 2005)			69,227	70,028 ^f	71,156	70,510 ^f	73,091	75,548 ^f	78,218	
1.4	Poverty, income distribution and other social issues											
1.4.1	Income inequality: GINI coefficient			0.441	n.a.	n.a.	0.431	n.a.	0.401	n.a.	0.399	
1.4.2	Percentage of population living in poverty and extreme poverty [measured by National/Regional poverty lines]	Percentage P=Poverty E=Extreme poverty		P - 3.8 E - 0.7	n.a.	n.a.	P: 1.7 E: 0.2	n.a.	P: 0.6 E: n.a.	n.a.	P: 0.4 E: n.a.	
1.4.3	Poverty Line Income	RM PM: Pen. Msia *Sabah includes Labuan		PM - 763 Sabah - 1,048 Swk - 912	n.a.	n.a.	PM - 830 Sabah - 1,090 Swk - 920	n.a.	PM - 930 Sabah - 1,170 Swk - 990	n.a.	PM - 960 Sabah - 1,180 Swk - 1,020	
1.4.4	Number of families living in squatter settlements*	Number			88,443	80,180	71,662	64,129	63,662	68,361*		
1.4.5	Educational attainment: at least completed lower secondary (ISCED 2 or higher), population 25+ years (%)	Percentage			67.9	69.3	69.9	70.2	71.9	72.6	74.2	
1.4.6	Total gross enrolment ratio in primary education [both sexes]	Percentage			96.2	95.9	96.4	97.1	97.9	97.2	97.2	
1.4.7	Total public expenditure on education as a percentage of GDP	Percentage			3.9	4.2	4.4	4.3	4.3	4.1 ^e	4.0 ^p	
1.4.8	Total expenditure on health to GDP	RM (million) at constant 2010 prices			14,575	17,192	19,078	20,172	21,085	22,088 ^e	22,276 ^p	
1.5	Inflation and commodity prices											
1.5.1	Consumer price index	Percentage			1.7	3.2	1.6	2.1	3.2	2.1	2.1	
1.5.2	Export average unit value of three major commodity groups [palm oil, crude petroleum & LNG]	RM/tonne PO=Palm oil CP=Crude petroleum LNG			PO - 2,701.0 CP - 1,877.5 LNG - 1,687.8	PO - 3,369.4 CP - 2,558.7 LNG - 2,125.6	PO - 3,019.3 CP - 2,692.6 LNG - 2,403.8	PO - 2,513.7 CP - 2,672.5 LNG - 2,394.9	PO - 2,583.2 CP - 2,604.9 LNG - 2,541.2	PO - 2,378.6 CP - 1,663.2 LNG - 1,798.4	PO - 2,706.9 CP - 1,402.0 LNG - 1,266.8	

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1.6	International trade and tourism											
1.6.1	Relative importance of trade: (exports + imports)/GDP	Value			1.6	1.6	1.5	1.4	1.4	1.3	1.2 ^e	
1.6.2	Terms of trade index [base year as determined by the reporting country]	Index			100.0	105.5	105.1	103.0	103.0	99.7	96.4 ^e	
1.6.3	International tourist arrivals in % to population	Number of tourist ('000)			24,557.2	24,714.3	25,032.7	25,715.5	27,437.3	25,721.3	26,757.4	
		Percentage			85.9	85.0	84.8	85.1	89.3	82.5	84.6 ^e	
1.6.4	Inbound Tourism Expenditure	RM (million)			63,077.5	58,315.9 ^f	60,556.7 ^f	65,443.3 ^f	71,998.8 ^f	69,119.6	82,098.2	
2	The environmental and resource productivity											
2.1	Carbon emissions											
2.1.1	GHG emissions (million tonnes CO ₂ equivalent per year)	Million tonnes CO ₂ equivalent	288.66		n.a.	290.23	n.a.	n.a.	n.a.	n.a.	n.a.	
2.1.2	GHG emissions per capita (tonnes CO ₂ equivalent per capita per year)	Tonnes CO ₂ equivalent	11.06		n.a.	9.97	n.a.	n.a.	n.a.	n.a.	n.a.	
2.1.3	GHG emissions intensity of GDP (tonnes CO ₂ equivalent/ thousand RM)	tonnes CO ₂ equivalent	0.53		n.a.	0.41	n.a.	n.a.	n.a.	n.a.	n.a.	
2.2	Energy											
2.2.1	Energy Intensity [ktoe per GDP]	ktoe per GDP PEI=Primary energy intensity FEI=Final energy intensity			PEI - 93.51 FEI - 50.49	PEI - 91.67 FEI - 50.24	PEI - 94.81 FEI - 54.03	PEI - 94.98 FEI - 54.00	PEI - 91.34 FEI - 51.56	PEI - 84.9 FEI - 48.7		
2.2.2	Energy consumption per capita [total or final]	toe PM=Pen. Msia			PM - 1.56 Sabah - 0.82 Swk - 1.26	PM - 1.56 Sabah - 1.01 Swk - 1.62	PM - 1.57 Sabah - 1.33 Swk - 2.09	PM - 1.75 Sabah - 1.11 Swk - 2.13	PM - 1.76 Sabah - 1.10 Swk - 2.10	PM - 1.8 Sabah - 1.0 Swk - 1.8		
2.2.3	Energy intensity by sector (industry and commercial)	ktoe per share of GDP FII=Final industry intensity FCI=Final commercial intensity			FII - 45.0 FCI - 10.22	FII - 47.7 FCI - 9.39	FII - 53.1 FCI - 8.81	FII - 50.0 FCI - 8.67	FII - 44.4 FCI - 8.25	FII - 43.3 FCI - 7.8		
2.2.5	Renewable Energy Share from TPES	Percentage			2.1	2.3 ^f	2.8	3.5	3.9	4.7		
2.2.6	Renewable Energy Share from Generation Mix	Percentage			5.5	7.6	7.4 ^f	8.6 ^f	9.7	10.0		
2.2.8	Bionergy Share from Total Energy Production	Percentage			1.5	2.0	2.7	3.6 ^f	4.0 ^f	4.5		

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3	The natural asset base											
3.1	Renewable resources											
3.1.2	Total freshwater abstraction [thousand m3 per capita]	MLD R=rivers D= storage dams G=Groundwater			R - 12,516 D - 2,451 G - 204	R - 12,746 D - 2,540 G - 223	R - 13,165 D - 2,623 G - 228	R - 13,826 D - 2,689 G - 219	R - 13,968 D - 2,613 ^f G - 244	R - 13,907 D - 2,796 ^f G - 252	R - 14,431 D - 3,065 G - 254	
3.1.4	Forest area	Hectares			17,930,036	17,930,625	18,013,521 ^f	18,056,099	18,273,201	18,267,308 ^f	18,119,338	
3.1.5	Proportion of land area covered by forest [percentage]	Percentage			54.8	54.5	54.7	54.9	55.6	55.3	54.9	
3.1.6	Natural forest as % of total forest area	Percentage			82.0	81.4	81.1	79.1	78.3	78.3	78.3	
3.1.7	Planted forest as % of total forest area	Percentage			1.9	3.2	3.4	5.6	6.7	6.7	7.0	
3.1.9	Fish catch, total [marine and freshwater]	Number			581,048.4	526,507.4	634,376.3	530,205.0	520,514.9	516,465.3	407,387.3	
3.1.10	Aquaculture production, by main species, as determined by the reporting country	Tonnes FW = Total Freshwater BW = Total Brackishwater			FW : 155,398.6 BW : 425,649.8	FW : 122,218.7 BW : 404,288.7	FW : 163,756.9 BW : 470,619.5	FW : 132,892.4 BW : 397,312.6	FW : 106,731.4 BW : 413,783.5	FW : 112,145.2 BW : 394,320.1	FW : 103,348.2 BW : 304,039.1	
3.2	Non-renewable resources											
3.2.1	Mineral resources: stocks or reserves of selected minerals, including fossil fuels and raw materials (iron ore)	Tonnes			80,000,000	76,000,000	67,000,000	55,000,000	50,000,000	50,000,000	50,000,000	
3.2.2	Extraction rates of selected minerals, including fossil fuels and raw materials (iron ore)	Tonnes			3,368,942	8,077,879	10,886,022	12,134,258	9,615,323	1,625,000	1,012,000	
3.3	Land and agriculture											
3.3.1	Proportion of agricultural area to total land area	Percentage		16.0	40.0	40.0	40.0	41.0	41.0	41.0	41.0	
3.3.2	Changes in agricultural area [% per year]	Percentage			0.43	n.a.	n.a.	3.33	n.a.	0.12	0.12	
3.3.3	Area equipped for irrigation (paddy) as % of agricultural area	hectare ('000)		346	348	359	359	332 ^f	332 ^f	338 ^f	338	
3.3.4	Arable land, % total land area	Percentage			3.37	3.37	3.37	3.18	3.18	2.95	2.95	
3.3.5	Pasture, % total land area	Percentage			0.14	0.14	0.14	0.14	0.14	0.13	0.13	
3.3.9	Chemical fertilizers used, kilogram per hectare of crop land	Tonnes			1864533 ^a	1,482,271 ^a	1,573,817 ^e	1,576,119 ^e	1,878,576 ^e	1,611,689 ^e		

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3.4	Biodiversity and ecosystems											
3.4.1	Number of known fauna species by status category	Number En=Endemic T=Threatened Ex Extinct IAS=Invasive Alien Species *Pen. Msia			En - 76 T - 198 Ex - 5 IAS - 22	En - 76 T - 198 Ex - 5 IAS - 22	En - 76 T - 198 Ex - 4 IAS - 22	En - 76 T - 198 Ex - 4 IAS - 22	En - 76 T - 198 Ex - 4 IAS - 22	En - 76 T - 198 Ex - 4 IAS - 22	En - 76 T - 198 Ex - 4 IAS - 22	
3.4.2	Number of endemic fauna species by class (mammals, reptiles, etc)	Number by class M=Mammals B=Birds R=Reptiles A=Amphibians *Pen. Msia			M - 6 B - 4 R - 38 A - 28	M - 6 B - 4 R - 38 A - 28	M - 6 B - 4 R - 38 A - 28	M - 6 B - 4 R - 39 A - 28	M - 6 B - 4 R - 40 A - 28	M - 6 B - 4 R - 40 A - 28	M - 6 B - 4 R - 40 A - 28	
3.4.3	% of threatened fauna species by class (mammals, reptiles, etc.)	Percentage (class) M=Mammals B=Birds R=Reptiles A=Amphibians *Pen. Msia		M - 21.0 B - 19.7 R - 1.3 A - 3.9	M - 21.0 B - 19.7 R - 1.3 A - 3.9	M - 21.0 B - 19.7 R - 1.3 A - 3.9	M - 21.0 B - 19.7 R - 1.3 A - 3.9	M - 21.0 B - 19.7 R - 1.3 A - 3.9	M - 21.0 B - 19.7 R - 1.3 A - 3.9	M - 21.0 B - 19.7 R - 1.3 A - 3.9	M - 21.0 B - 19.7 R - 1.3 A - 3.9	
3.4.4	Proportion of marine protected areas to territorial waters, %	Percentage			1.4	1.4	1.4	1.4	1.4	1.4	1.4 ^e	
3.4.5	Area of terrestrial protected areas	Hectares			1,860,000	1,860,000	1,860,000	1,860,000	1,860,000	1,860,000	1,930,772	
3.4.6	Domestic Water Consumption Per Capita Per Day	Liter			209	210	212	210	211	209	209	
3.4.7	Non-Revenue Water	Percentage			36.4	36.7	36.4	36.6	35.6	35.5	35.2	
4	The environmental dimension of quality of life											
4.1	Environmental health and risks											
4.1.1	Concentration of particulate matter (PM10) in urban air [main cities]	µg/m ³			42	45	46	48	46	56	91	
4.2	Environmental services and amenities											
4.2.1	Proportion of total population using an improved drinking water source	Percentage			94.2	94.4	94.7	95.1	95.3	95.5	95.7	
4.2.2	Proportion of urban population using an improved drinking water source	Percentage			96.7	96.8	96.9	97.0	97.1	97.2	97.2	
4.2.3	Proportion of rural population using an improved drinking water source	Percentage			89.7	90.1	90.7	92.5	92.6	93.0	93.5	
4.2.4	Proportion of total population using an improved sanitation facility	Percentage		98.4	n.a	n.a	99.3	n.a	99.5	n.a	99.7	
4.2.5	Proportion of urban population using an improved sanitation facility	Percentage		99.3	n.a	n.a	99.6	n.a	99.7	n.a	99.8	
4.2.6	Proportion of rural population using an improved sanitation facility	Percentage		96.5	n.a	n.a	98.5	n.a	98.5	n.a	99.1	

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4.2.7	Solid waste collected (total)	Tonnes/day Peninsular Malaysia only	13,141		n.a	n.a	33,130	n.a.	n.a.	n.a.	n.a.	
4.2.8	Solid waste collected per capita	kg/capita/day Peninsular Malaysia only	0.8		n.a	n.a	1.17	n.a.	n.a.	n.a.	n.a.	
4.2.10	Scheduled waste collected, total and by type of treatment	Tonnes			3,087,496.8	3,281,569.2	2,854,516.8	2,965,611.7	2,541,762.3	2,918,478.3	2,766,613.50	
4.2.11	Proportion of sewage generated by household being treated by public sewage treatment plant	Percentage Peninsular Malaysia and FT Labuan only			57.7	59.8	60.8	60.8	60.7	60.4	61.9	
5	Policy responses and economic opportunities											
5.1	Regulations and management											
5.1.1	Percentage of Environment Protection expenditure to GDP	Percentage			0.1	0.1	0.1	0.1	0.1	0.1	0.1	
5.1.2	Participation in multilateral environmental agreements [list and number of MEAs]	Number/ list			12	12	12	12	13	13	13	
5.1.3	Number of regulated pollutants by media [water, air, soil, etc]	Number W=Water A=Air			W: 32 A:19	W: 32 A:19	W: 32 A:19	W: 32 A:19	W:32 A:26	W:32 A:26	W:32 A:26	
5.2	Environmental goods and services											
5.2.1	The number of products under MyHIJAU Programme				n.a.	n.a.	73	195	353	1,439	1,958	

Note: * Data until 30 Sept. 2016