

**KEY INDICATORS AND TARGETS FOR MONITORING AND EVALUATION OF “THE VISION-2050”
LONG-TERM DEVELOPMENT POLICY OF MONGOLIA**

№	Indicators	Measuring unit	Base level	Target level			Description of indicators	Data source	Data collection methodology	Frequency of data collection	Responsible organization
				2025	2030	2050					
ONE. SHARED NATIONAL VALUES											
1	New invention, patent application and domestic application	number	82	150+	200+	600+	2019 base level	Intellectual Property Office	Statistical data	Once a year	Intellectual Property Office
2	Percentage of electronic data in total library resources	percent	0.3	5	7	15	2019 base level	The State Central Administrative body in charge of Culture and Arts	Statistical data	Once a year	The State Central Administrative body in charge of Culture and Arts
3	Number of seats in arts and cultural institutions per 1000 persons	number	32	37	37	45	2018 base level	The State Central Administrative body in charge of Culture and Arts	Statistical data	Once a year	The State Central Administrative body in charge of Culture and Arts
TWO. HUMAN DEVELOPMENT											
4	Human development indicator	Index	0.74	0.77	0.85	0.9	2018 base level	National Statistics Office	Statistical data	Once a year	National Statistics Office
5	Gender inequality indicator (measure)	Index	0.301	0.25	0.2	0.1	-	United Nations Development Programme	Expert interview	Once a year	National Committee on Gender Equality
6	Net enrollment rate of pre-school education	percent	81.5	89.4	95	100	Differentiated by gender, urban, rural areas and by livelihood. 2019 base level	The State Central administrative body in charge of Education	Statistical data	Once a year	The State Central administrative body in charge of Education
7	Net enrollment rate of primary education	percent	94.9	95.9	96.8	100	Differentiated by gender, urban, rural areas and by livelihood. 2019 base level	The State Central administrative body in charge of Education	Statistical data	Once a year	The State Central administrative body in charge of Education

8	Basic skills of 7-14 olds (reading, arithmetic)	percent	61.6, 51.5	70	75	90	2018 base level	National Statistics Office	The Social indicator sample survey (SISS)	Once in 5 years	National Statistics Office
9	Percentage of graduates employed of total graduates (VET and universities)	percent	76.5	90	95	100	Conduct employment tracking study. (2019 base level)	Vocational education and training center	Statistical data	Once a year	The State Central administrative body in charge of Education
10	Fulfillment of students per classroom (by all levels of education)	number	Kindergarten -33, General Education Schools: Urban-35 Rural - 28	25-30	20-30	20-30	-	The State Central administrative body in charge of Education	Statistical data	Once a year	The State Central administrative body in charge of Education
11	Average life expectancy	year	70.2	74	78	82	Life expectancy at birth	National Statistics Office	Statistical data	Once a year	National Statistics Office
12	Total fertility rate (per woman)	number	2.9	3.3	3.3	3.5	Average number of children a woman from age 15-49 gave birth in her lifetime	National Statistics Office	Statistical data	Once a year	National Statistics Office
13	Infant mortality rate per 1000 live births	Per mille	13.4	9	8	2.3	2018 base level	The State Central administrative body in charge of Health, National Statistics Office	Statistical data	Once a year	The State Central administrative body in charge of Health
14	Maternal mortality rate per 100,000 live births	Per mille	27.1	20	15	5	2018 base level	The State Central administrative body in charge of Health, National Statistics Office	Statistical data	Once a year	The State Central administrative body in charge of Health
15	Percentage of vaccinated children in a given year	percent	98.9	99	99	99.5	2018 base level	The State Central administrative body in charge	Statistical data	Once a year	The State Central administrative body in charge of Health

								of Health, National Center for Communicable Diseases			
16	Percentage of people screened for early detection of hypertension	percent	71.7	82	93.7	100	2018 base level	The State Central administrative body in charge of Health, Health Development Center	Statistical data	Once a year	The State Central administrative body in charge of Health
17	Viral hepatitis per 10,000 population	number	3.4	2.5	2	-		The State Central administrative body in charge of Health, Health Development Center	Statistical data	Once a year	The State Central administrative body in charge of Health
18	Percentage of people covered by health insurance of the total population	percent	90.2	93.2	95	100	2018 base level	The State Central administrative body in charge of Health, Health Development Center	Statistical data	Once a year	The State Central administrative body in charge of Health
19	Percentage of science and technology research and pilot funding in Gross Domestic Product	percent	0.18	2.5	3	4	2018 base level	The State Central administrative body in charge of Science	Annual report	Once a year	The State Central administrative body in charge of Science
20	New innovative products as organic, enriched and functional food	number	-	10	15	25	2019 base level	The State Central administrative body in charge of Food, Agriculture and Light Industry	Annual report	Once a year	The State Central administrative body in charge of Food, Agriculture and Light Industry

THREE. THE QUALITY OF LIFE AND MIDDLE CLASS

21	Percentage of people at middle class and above	percent	71.6	80	85	95		National Statistics Office	Sector report	Once in two years	National Statistics Office
22	Poverty level	percent	28.4	20	15	5	It is the population that consumes less than the basic necessities of life	National Statistics Office	Sector report	Once in two years	National Statistics Office
23	Competitiveness indicators	score	52.6	58.0	61.0	73		World bank Studies	National Sample Survey	Once a year	National Statistics Office
24	Entrepreneurship indicators	score	67.8	70.0	72.5	82.5		World bank Studies	National Sample Survey	Once a year	National Statistics Office
25	Consumption inequality indicators	unit	0.33	0.31	0.29	0.21		World bank Studies	National Sample Survey	Once in two years	National Statistics Office
26	Percentage of socially active population covered by social insurance	percent	84.4	90	99	100	2014 base level	The State Central administrative body in charge of Labor and Social Welfare	Statistical data	Once a year	The State Central administrative body in charge of Labor and Social Welfare
27	Participation rate of Labor force	percent	61	63	65	70	2018 base level	National Statistics Office, Labor force survey	National Sample Survey	Every quarter	National Statistics Office
28	Unemployment rate	percent	8.6	7.8	7	3	2018 base level	National Statistics Office, Labor force survey	National Sample Survey	Every quarter	National Statistics Office

29	Percentage of households equipped with full structural engineering	percent	25.3	33	35.8	49.8	Calculated as a ration of the total number of people living in apartments against the total population of the country.Results of the 2015 interim census. This indicator will be updated in the 2020 population and housing census.	National Statistics Office	Population and housing census	Once in 5 years	National Statistics Office
30	Basic indicators of physical development of the test participants (by age classification)	percent	53	60	65	99	Participants tested Ratio of total number of participants tested with people rated A, B and C and multiply by 100.	The State Central administrative body in charge of Sports	Study	Once a year	The State Central administrative body in charge of Sports
FOUR. ECONOMY											
31	Gross domestic product (GDP)	billion USD	13.1	23.9	47.6	209.0	GDP at current price	National Statistics Office, The State Central administrative bodies in charge of Finance and Budget	Sector report	Once a year	Government
32	Annual GDP growth	percent	7.2	6	6	6	-	National Statistics Office	Sector report	Once a year	Government
33	Inflation	percent	8.1	6	6	2	The optimal monetary policy	National Statistics Office, The State	Sector report	Once a year	National Statistics Office

							will be measured by inflation rate	Central administrative bodies in charge of Finance and Budget			
34	GDP per capita	In USD	4009	6520	12054	38359	At current price	National Statistics Office	Sector report	Once a year	Government
35	Percentage of mining sector in GDP	percent	24.3	30.6	31.4	25.3	To measure the level of development of economic sectors by their percentage of GDP	National Statistics Office, The State Central administrative body in charge of Mining	Sector report	Once a year	Government
36	Percentage of manufacturing industry in GDP	percent	10.9	12	14.6	27.4	To measure the level of development of economic sectors by their percentage of GDP	National Statistics Office	Sector report	Once a year	Government
37	Percentage of transportation and warehouse sector in GDP	percent	4.6	5.1	4.8	11.6	To measure the level of development of economic sectors by their percentage of GDP	National Statistics Office, The State Central administrative body in charge of Roads and Transport Development	Sector report	Once a year	Government
38	Percentage of industrially processed meat in the total meat consumption of the population	percent	31.7	50	70	100	2019 base level	The State Central administrative body in charge of Food, Agriculture and Light Industry	Sector report	Once a year	The State Central administrative body in charge of Food, Agriculture and Light Industry
39	Percentage of industrially processed milk in the total milk consumption	percent	14.9	30	50	70	2019 base level	The state Central administrative body in charge of Food,	Sector report	Once a year	The State Central administrative body in charge of Food, Agriculture and Light Industry

								Agriculture and Light Industry			
40	Percentage of domestically supplied key types of fuels that meet Euro 5 standard	percent	8	70	100	100	Volume of imports, consumption, percentage in total volume of fuels, 2015 baseline	The State Central administrative body in charge of Mining	Detailed regulation and its annex related to the license of oil products	Once a year	The State Central administrative body in charge of Mining
41	Export	million USD	7011.8	14020	29660	139870	Export will rise as domestic production expands	National Statistics Office	Sector report	Once a year	Government
42	Number of foreign tourists received	million.person	0.6	1	2	6	To measure the level of development of the tourism sector by the number of foreign tourists visiting Mongolia.	National Statistics Office	Sector report	Once a year	Government
43	Evaluation of basic indicators of the business environment study	unit	3.03	3.5	4.03	5.23		Mongolian National Chamber of Commerce and Industry	Report	Once a year	Mongolian National Chamber of Commerce and Industry
FIVE. GOVERNANCE											
44	World Bank governance indicators: Government effectiveness	percent	45.7	54.3	71.9	92.5	The quality of public services and civil service, its independence from political influence , quality of policy development and implementation, monitoring and	World Bank Governance Indicator	Expert interviews, quantitative research	Once a year	Cabinet Secretariat; Civil Service Training institution under the Government

							accountability for government policy				
45	World Bank governance indicators: Regulatory quality	percent	54.8	64.9	72.2	90.6	Capability of the government to develop and implement sound policies; favorable legal environment that promotes the private sector	World Bank Worldwide Governance Indicator	Expert interviews, quantitative research	Once a year	Cabinet Secretariat; Civil Service Training institution under the Government
46	World Bank governance indicators: Rule of Law	percent	44.7	51.2	60.7	90.8	The extent of conviction in the maintenance of social order, performance of the contractual arrangements, property rights, the quality of the police and judiciary, and the likelihood of crimes and violence	World Bank Worldwide Governance Indicator	Expert interviews, quantitative research	Once a year	Cabinet Secretariat; National Legal Institute
47	World Bank governance indicators: Citizens' voice and accountability	percent	57.1	67.6	70.2	85.8	Whether citizens of the country are able to participate in elections to form their State and Government, as well as whether there is a freedom of expression, association and free media.	World Bank Worldwide Governance Indicator	Expert interviews, quantitative research	Once a year	Cabinet Secretariat; Civil Service Training institution under the Government
48	E-government development indicators	unit	0.5824	0.6358	0.8	0.9	In estimation of e-government development indicators, the following factors are considered: a)	United Nations	Expert interviews, quantitative research	Once a year	Cabinet Secretariat; Communications and Information Technology Authority

							e-services, b) communication infrastructure, and c) human capital.				
49	World Bank governance indicators: Control of corruption	percent	39.9	47.2	58.3	96.5	The use of public office for personal gain, small and large-scale corruption, and conflict of interests	World Bank Worldwide Governance Indicator	Expert interviews, quantitative research	Once a year	Cabinet Secretariat; Independent Authority against Corruption
SIX. GREEN DEVELOPMENT											
50	Environmental performance indicators (index - EPI)	score	57.2	58	59	61+	2018 base level	Research of Yale University	Relevant international methodology and report	Once a year	The State Central administrative body in charge of Environment
51	Percentage of areas under the state special protection	percent	20.1	27	30	35	2019 base level	The State Central administrative body in charge of Environment	Statistical data	Once a year	The State Central administrative body in charge of Environment
52	Percentage of rivers and streams source areas under the state special protection	percent	48.3	55	60	75	2019 base level	The State Central administrative body in charge of Environment	Statistical data	Once a year	The State Central administrative body in charge of Environment
53	Percentage of forest area	percent	7.9	8.7	9	10.5	2019 base level	The State Central administrative body in charge of Environment	Statistical data	Once a year	The State Central administrative body in charge of Environment
54	Percentage of land degradation	percent	22.9	22.9	22.9		2018 base level	The State Central administrative body in charge of Environment, The Institute of Geography and Geoecology of the Mongolian	International methodology	Once in 5 years	The State Central administrative body in charge of Environment

								Academy of Sciences			
55	Percentage of the total area for medium-scale hydrogeological mapping	percent	14	23	30	50	2018 base level	The State Central administrative body in charge of Environment	Sector report	Once a year	The State Central administrative body in charge of Environment
56	Percentage of population provided with safe drinking water	percent	82.5	85	87	90	2018 base level	National Statistics Office	Sample survey	Once in 5 years	The State Central administrative body in charge of Environment; The State Central administrative body in charge of Construction and Urban Development; National Statistics Office
57	Percentage of population provided with adequate sanitation facilities	percent	69	70	75	90	2018 base level	National Statistics Office	Sample survey	Once in 5 years	The State Central administrative body in charge of Environment; The State Central administrative body in charge of Construction and Urban Development; National Statistics Office
58	Percentage of greenhouse gas emission reduction	percent	Base scenario	12.3	22	-	-	The State Central administrative body in charge of Environment	Statistical data	Once in 2 years	The State Central administrative body in charge of Environment

59	Percentage of recycled waste	percent	7.6	27	40	50	Waste recycled in a given year is compared to total waste expressed as a percentage 2018 base level	The State Central administrative body in charge of Environment	Statistical data	Once a year	The State Central administrative body in charge of Environment
60	Percentage of waste regularly collected and properly disposed of in urban areas	percent	25.6	52	64	90	2018 base level	The State Central administrative body in charge of Environment	Statistical data	Once a year	The State Central administrative bodies in charge of Environment; The State Central administrative bodies in charge of Construction and Urban Development; Mayor's Office of UB and aimags
61	Percentage of the government green procurement	percent	-	10	20	50	-	The State Central administrative bodies in charge of Finance and Budget; Procurement Agency	Sector report	Once a year	The State Central administrative bodies in charge of Finance and Budget; Procurement Agency
62	Domestic material consumption per USD in GDP	In kg/USD	15	10	6	3	2018 base level	National Statistics Office	National methodology	Once a year	National Statistics Office
SEVEN. SAFE AND SECURE SOCIETY											
63	World peace indicator	Index	1.79	1.6	1.49	1	Will be estimated based on the results in 2020	Institute for Economics and Peace	Global Peace Index report	Once a year	Cabinet Secretariat, The Central state administrative body in charge of foreign affairs
64	Globalization indicator	Index	56.97	61.29	63.99	74.79	Base level is marked by 2017 statistics. Will be estimated based	Swiss institute for Economics	Globalization Report	Once a year	Cabinet Secretariat, The Central state administrative

							on the results in 2020				body in charge of foreign affairs
EIGHT. REGIONAL AND LOCAL DEVELOPMENT											
65	Number of new regional transport and logistic centers	number	-	4	7	11	The indicator represents the amount of new constructions to be built and is calculated on an incremental basis. Note: Base level starts from "0"	The State Central administrative body in charge of Roads and Transport Development	Statistical data	Once a year	The State Central administrative body in charge of Roads and Transport Development
66	Number of new Agriculture Production and Technology Parks	number	-	10	20	84	The indicator represents the amount of new constructions to be built and is calculated on an incremental basis. Note: Base level starts from "0"	The State Central Administrative body in charge of National Development	Statistical data	Once a year	The State Central Administrative body in charge of National Development
67	Percentage of population provided with electricity	percent	-	95.5	100	100	2015 basel level	The Institute of Energy Economics	Statistical data of Energy	Once a year	The State Central administrative body in charge of Energy
68	The length of new national roads to be built	km	-	6616	8055	8831	The indicator represents the amount of new constructions to be built and is calculated on an incremental basis. Note: Base level starts from "0"	The State Central administrative body in charge of Roads and Transport Development	Statistical data	Once a year	The State Central administrative body in charge of Roads and Transport Development
69	The length of newly built railroads	km	-	1174	1950	4838	The indicator represents the amount of new constructions to be built and is calculated on an incremental basis.	The State Central administrative body in charge of Roads and Transport Development	Statistical data	Once a year	The State Central administrative body in charge of Roads and Transport Development

							Note: Base level starts from "0"				
70	Number of airports with state ranking	number	1	3	7	9	The indicator represents the amount of new constructions to be built and is calculated on an incremental basis. Note: Base level starts from "0"	The State Central administrative body in charge of Roads and Transport Development	Statistical data	Once a year	The state Central administrative body in charge of Roads and Transport Development
NINE. ULAANBAATAR AND SATELLITE CITIES											
71	City development indicators	Index	0.504	0.572	0.626	0.931	In accordance with the UB index methodology: 1. Environment, 2. Infrastructure, 3. Decent livelihood level, 4. Education, 5. Health, 6. Culture and Art services 7. Personal safety and security 8. Governance indexes	The Governor's office of the capital city, Statistics Department of Ulaanbaatar	Statistical data	Once a year	The Governor's office of the capital city
72	Annual average of PM 2.5 concentration in UB	µg/m3	64	40	25	-	2018 base level	The State Central administrative body in charge of Environment	Monitoring and evaluation report	Once a year	The State Central administrative body in charge of Environment
73	Annual average of PM10 concentration in UB	µg/m3	141	88	50	-	2018 base level	The State Central administrative body in charge of Environment	Monitoring and evaluation report	Once a year	The State Central administrative body in charge of Environment