



IMPLEMENTING AGENCY OF MONGOLIAN GOVERNMENT
MINERAL RESOURCES AND PETROLEUM AUTHORITY



MINERAL RESOURCES AND PETROLEUM STATISTICS 2022/07

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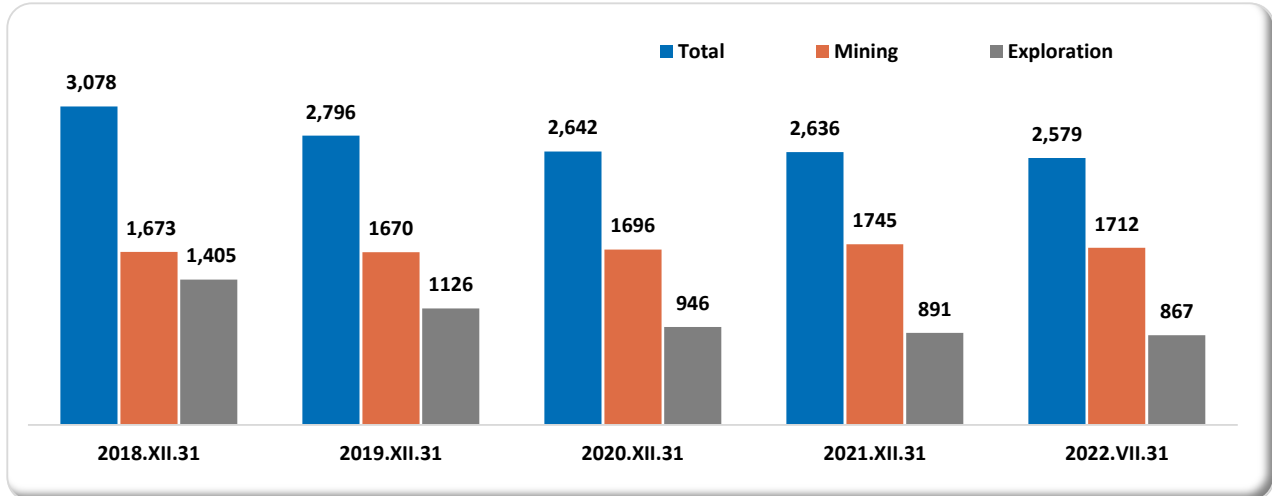
1 MINING AND EXPLORATION LICENSES

1.1. NUMBER OF VALID LICENSES AND AREA SIZE, 2022.VII.31, by provinces

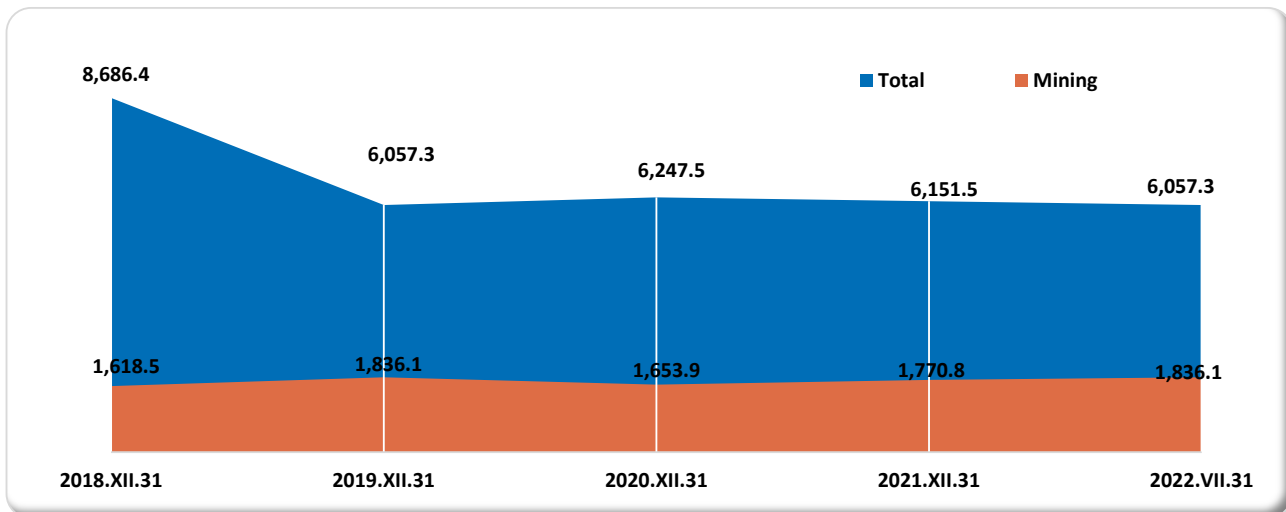
	TOTAL			Of which:					
	Number of licenses	Area size /ths.ha/	Percent of total territory	Mining			Exploration		
				Number of licenses	Area size /ths.ha/	Percent of total territory	Number of licenses	Area size /ths.ha/	Percent of total territory
TOTAL	2,579	6,057.3	3.9%	1712	1,836.1	1.2%	867	4,221.2	2.8%
Arkhangai	31	31.6	0.6%	21	11.8	0.2%	10	19.8	0.4%
Bayan-Ulgii	66	207.4	4.5%	30	16.7	0.4%	36	190.8	4.2%
Bayankhongor	141	332.6	2.9%	101	167.4	1.4%	40	165.1	1.4%
Bulgan	108	100.2	2.1%	82	41.8	0.9%	26	58.3	1.2%
Govi-Altai	125	534.9	3.8%	60	107.8	0.8%	65	427.1	3.0%
Govisumber	16	44.6	8.1%	13	38.9	7.0%	3	5.8	1.0%
Darkhan Uul	66	13.7	4.2%	62	8.4	2.6%	4	5.3	1.6%
Dornogovi	340	1104.9	10.1%	212	267.2	2.4%	128	837.7	7.7%
Dornod	148	486.1	3.9%	73	68.2	0.6%	75	417.9	3.4%
Dundgovi	190	567.4	7.6%	122	185.4	2.5%	68	382.0	5.1%
Zavhan	45	164.1	2.0%	13	21.3	0.3%	32	142.7	1.7%
Orkhon	9	10.7	12.7%	9	10.7	12.7%	0	0.0	0.0%
Uvurkhangai	54	150.9	2.4%	30	18.1	0.3%	24	132.8	2.1%
Umnugovi	159	826.9	5.0%	107	486.1	2.9%	52	340.8	2.1%
Sukhbaatar	87	279.7	3.4%	65	53.1	0.6%	22	226.5	2.8%
Selenge	173	95.8	2.3%	138	45.2	1.1%	35	50.6	1.2%
Tuv	383	354.7	4.8%	304	160.7	2.2%	79	194.0	2.6%
Uvs	103	257.8	3.7%	46	21.2	0.3%	57	236.6	3.4%
Ulaanbaatar	98	10.1	2.1%	94	9.9	2.1%	4	0.2	0.05%
Khuvsgul	22	10.6	0.1%	21	10.3	0.1%	1	0.3	0.003%
Khovd	81	208.8	2.7%	36	29.5	0.4%	45	179.3	2.4%
Khentii	207	263.9	3.3%	128	56.5	0.7%	79	207.5	2.6%

Source: Geology and Mining Cadastre Division, MRPAM

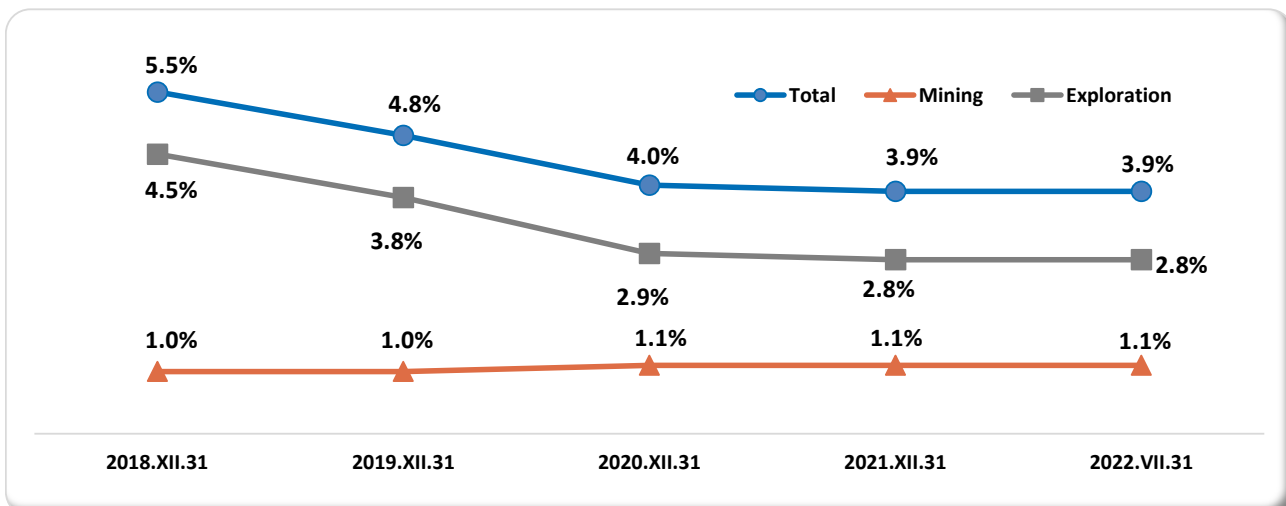
1.2. NUMBER OF TOTAL VALID LICENSES, 2018-2022



1.3. LICENSED AREA, 2018-2022, by thousands.ha



1.4. PERCENT OF TOTAL LICENSED AREA IN MONGOLIA'S TERRITORY, 2018-2022



Source: Geology and Mining Cadastre Division, MRPAM

1.5. NUMBER OF MINING LICENSE AND AREA SIZE, 2022.VII.31, by type of minerals

	Mining license		Area size	
	Number	Share to total	Hectare	Share to total
БҮГД	1712	100%	1,836,083.5	100%
Gold (placer)	463	27.0%	184,058.7	10.0%
Coal	304	17.8%	812,564.3	44.3%
Fluorite	212	12.4%	41,173.3	2.2%
Gold (placer)	93	5.4%	127,118.6	6.9%
limestone	79	4.6%	48,643.9	2.6%
Iron	77	4.5%	46,001.5	2.5%
Common mineral, gravel, sand	36	2.1%	1,477.2	0.1%
Common mineral, mud	34	2.0%	2,113.6	0.1%
Common mineral, aggregate stone	31	1.8%	8,687.3	0.5%
Tungsten	29	1.7%	9,062.1	0.5%
Gypsum	26	1.5%	8,761.2	0.5%
Concentrated metal	23	1.3%	26,976.6	1.5%
Copper	19	1.1%	86,141.4	4.7%
Common mineral, sand	18	1.1%	1,090.6	0.1%
Tin	14	0.8%	6,797.2	0.4%
Gold (placer), copper	12	0.7%	85,491.0	4.7%
Graphite	10	0.6%	20,141.9	1.1%
Molybdenum	9	0.5%	10,513.1	0.6%
Earth rare metal	9	0.5%	7,435.4	0.4%
Copper, molybdenum	8	0.5%	14,328.3	0.8%
Marble	8	0.5%	7,262.8	0.4%
Uranium	6	0.4%	66,200.9	3.6%
Manganese	6	0.4%	8,500.0	0.5%
Aggregate stone	6	0.4%	3,191.6	0.2%
Sand stone, common mineral	6	0.4%	1,426.3	0.1%
Copper, gold	5	0.3%	8,807.4	0.5%
Iron, zinc	5	0.3%	1,126.4	0.1%
Building stone	4	0.2%	19,024.8	1.0%
Gold	4	0.2%	6,106.8	0.3%
Molybdenum, tungsten	4	0.2%	4,967.3	0.3%
Tungsten, Tin	4	0.2%	2,833.9	0.2%
Мөсөн шүү	4	0.2%	1,449.0	0.1%
Silver	4	0.2%	1,050.4	0.1%
Sand, gravel	3	0.2%	21,927.3	1.2%
Gold (placer), concentrated metal	3	0.2%	17,320.6	0.9%
Gold (placer), silver	3	0.2%	9,587.7	0.5%
Silicon	3	0.2%	2,793.1	0.2%
Aluminium	3	0.2%	1,370.9	0.1%
Other	125	7.3%	102,559.2	5.6%

Source: Geology and Mining Cadastre Division, MRPAM

1.6. REGISTERED AREA, давхардсан байдлаар, 2022.VII.31, by mln.га, overlap

	Hectare	Share of total territory
Valid mining licensed area	1.8	1.2%
Valid exploration licensed area	4.3	2.8%
State protected area	33.9	21.7%
Special purpose area	34.2	21.9%
Strategic deposit, government reserved area	7.2	4.6%
Settled area, border and railway strip area	1.1	0.7%
Other prohibited area	49.1	31.4%

1.7. SMALL-SCALE MINING AREA, 2022.VII.31, by provinces

	Area		Area size	
	Number	Share to total	Hectare	Share to total
TOTAL	262	100%	1063.7	100%
Arkhangai	1	0.4%	4.75	0.4%
Bayan-Ulgii	2	0.8%	53.74	5.1%
Bayankhongor	57	21.8%	152.25	14.3%
Bulgan	29	11.1%	126.36	11.9%
Govi-Altai	1	0.4%	5.71	0.5%
Darkhan Uul	6	2.3%	16.56	1.6%
Dornogovi	2	0.8%	9.57	0.9%
Dornod	2	0.8%	26.25	2.5%
Dundgovi	13	5.0%	104.52	9.8%
Uvurkhangai	20	7.6%	39.71	3.7%
Umnugovi	20	7.6%	86.29	8.1%
Selenge	52	19.8%	220.05	20.7%
Tuv	12	4.6%	78.31	7.4%
Ulaanbaatar	5	1.9%	18.96	1.8%
Khovd	4	1.5%	11.25	1.1%
Khentii	36	13.7%	109.42	10.3%

Source: Geology and Mining Cadastre Division, MRPAM

1.8. ORIGIN OF LICENSE HOLDERS, 2022.VII.31

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
БҮГД	1663	2579	6,057,310.1	100%
Mongolian entities	1328	2057	4,527,196.2	74.7%
100% foreign entities	243	383	1,275,648.1	21.1%
Joint foreign entities	92	139	254,465.8	4.2%

1.9. ORIGIN OF 100% FOREIGN LICENSE HOLDERS, 2022.VII.31, by countries

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
TOTAL	243	383	1,275,648.1	100%
China	132	165	397,834.7	31.19%
Virgin Islands	26	46	86,002.2	6.74%
Singapore	14	54	329,204.1	25.81%
Canada	14	24	255,180.8	20.00%
Hong Kong	14	29	85,448.7	6.70%
South Korea	11	13	17,780.0	1.39%
Russia	4	5	2,490.4	0.20%
Australia	4	4	29,059.9	2.28%
Great Britain	3	4	6,038.7	0.47%
Germany	2	2	603.9	0.05%
Switzerland	2	3	19,929.2	1.56%
United States of America	2	4	2,442.3	0.19%
Luxemburg	2	6	13,528.2	1.06%
Holland	2	10	6,620.2	0.52%
Japan	2	3	3,015.1	0.24%
Australia, China	1	2	8,795.4	0.69%
Malaysia	1	2	2,416.5	0.19%
Great Britain, China	1	1	54.2	0.004%
Bulgaria	1	1	3,700.9	0.290%
Thailand	1	1	3,027.9	0.237%
Virgin Islands, Singapore	1	1	1,934.0	0.15%
Seychelles	1	1	375.2	0.03%
Russia, South Korea	1	1	118.2	0.01%
Russia, China	1	1	47.5	0.00%

Source: Geology and Mining Cadastre Division, MRPAM

1.10. ORIGIN OF JOINT FOREIGN LICENSE HOLDERS, 2022.VII.31, by countries

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
TOTAL	92	139	254,465.8	100%
Mongolia, China	37	50	30,591.4	12.0%
Mongolia, Singapore	10	14	41,575.0	16.3%
Mongolia, South Korea	10	14	27,073.3	10.6%
Mongolia, Russia	8	12	3,929.1	1.5%
Mongolia, Virgin Islands	5	7	24,787.6	9.7%
Mongolia, Japan	5	13	47,640.0	18.7%
Mongolia, Hong Kong	2	7	23,454.2	9.2%
Mongolia, Germany	2	3	5,748.1	2.3%
Mongolia, Czech Republic	2	4	17,911.4	7.0%
Mongolia, Kazakhstan	1	1	1,789.4	0.7%
Mongolia, United States of America, Virgin Islands, South Korea	1	1	3,766.7	1.5%
Mongolia, Bulgaria	1	3	1,083.7	0.4%
Mongolia, Great Britain	1	1	1,472.0	0.6%
Mongolia, Canada, China	1	1	6,352.8	2.5%
Mongolia, Luxemburg	1	2	10,011.2	3.9%
Mongolia, Russia, Ukraine	1	1	46.9	0.0%
Mongolia, Poland	1	1	1,561.3	0.61%
Mongolia, Hungary	1	1	87.4	0.0%
Mongolia, Hong Kong, Japan	1	2	4,115.0	1.6%
Mongolia, Singapore, Hong Kong	1	1	1,469.5	0.6%

Source: Geology and Mining Cadastre Division, MRPAM

1.11. PLEDGING LICENSES, 2022.VII.31, by bank and non-bank financial institute

	License		Area	
	Number	Share to total	Hectare	Share to total
TOTAL	232	100.0%	185,636.2	100%
Trade and Development Bank	45	19.6%	30,350.1	16.3%
Golomt Bank	31	13.5%	23,321.2	12.6%
Development Bank of Mongolia	25	10.9%	18,914.8	10.2%
HAAN Bank	18	7.4%	5,407.8	2.9%
ABTS NBFi	17	7.4%	28,681.7	15.5%
Capital Bank	9	3.9%	1,098.2	0.6%
Transport Development bank	9	3.9%	873.7	0.5%
XAC Bank	9	3.5%	2,492.2	1.3%
European Bank for Reconstruction and Development	7	3.0%	2,658.5	1.4%
Chinggis Khan Bank	6	2.6%	2,509.5	1.4%
Anod Bank	6	2.6%	6,971.8	3.8%
Golomt, Saving, Zoos, Anod Banks	6	2.6%	3,277.7	1.8%
Capitron bank	5	2.2%	6,399.1	3.4%
Khutult nomgon	3	1.3%	279.1	0.2%
Great Capital	3	1.3%	4,146.0	2.2%
GSB capital NBFi	3	1.3%	9,884.4	5.3%
State Bank	3	1.3%	303.9	0.2%
Bank of China	3	1.3%	871.6	0.5%
First lithium Corporation	2	0.9%	17,131.1	9.2%
National Investment Bank	2	0.9%	805.0	0.4%
Ulaanbaatar City bank	2	0.9%	789.7	0.4%
Erel bank	2	0.9%	150.3	0.1%
Other	16	7.0%	18,319.0	9.9%

Source: Geology and Mining Cadastre Division, MRPAM

1.12. LIST OF LICENSE HOLDERS WITH 10 AND ABOVE LICENSES, 2022.VII.31

No	Name of entity	Number of license	Area size /ha/	Company type	Nationality
1	Mongolroscvetmet	27	15,803.2	mongolian legal entity	Mongolia
2	Mongolyn alt Mak	24	57,090.7	mongolian legal entity	Mongolia
3	Tsaina investment mongolia	15	207,645.0	Entity with 100% foreign investment	Singapore
4	Gatsuurt	15	8,488.1	mongolian legal entity	Mongolia
5	Burdel mining	13	2,344.4	mongolian legal entity	Mongolia
6	Gobi Coal and Energy	12	7,139.8	mongolian legal entity	Mongolia
7	Khunnu gobi altai	12	2,206.7	mongolian legal entity	Mongolia
8	Aurum metals	11	43,695.1	mongolian legal entity	Mongolia
9	MAK cement	11	4,119.1	mongolian legal entity	Mongolia
10	Platinum land	11	3,621.3	mongolian legal entity	Mongolia
11	MB Investo	10	29,686.2	mongolian legal entity	Mongolia
12	MoEnCo	10	12,807.4	Entity with 100% foreign investment	Singapore

1.13. LIST OF LICENSE HOLDERS WITH 100'000 AND ABOVE LICENSED AREA SIZE, 2022.VII.31

No	Name of entity	Number of license	Area size /ha/	Company type	Nationality
1	Tsaina investment mongolia	15	207,645.0	100% foreign invested entity	Singapore
2	Ion energy	2	111,529.2	100% foreign invested entity	Canada
3	Monlaa	4	108,679.0	mongolian legal entity	Mongolia

Эх сурвалж: Геологи, уул уурхайн кадастрын хэлтэс, АМГТГ

1.14. RECEIVED APPLICATION, 2018-2022, by application type

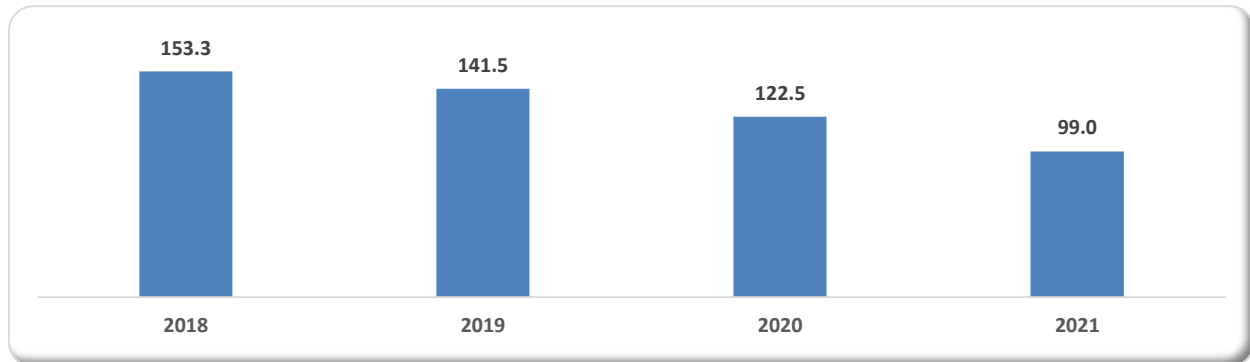
	2018	2019	2020	2021	2022.I-VII
TOTAL	1187	698	502	943	422
New license	226	218	253	463	131
Mining	78	73	87	47	19
Exploration	0	0	0	0	0
Tender	148	145	166	416	112
Extension	657	273	75	337	204
Mining	0	0	0	1	1
Exploration	657	273	75	336	203
Transfer	157	72	80	76	50
Mining	25	24	32	19	11
Exploration	132	48	48	57	39
Pledge	61	25	28	38	15
Mining	58	24	28	34	13
Exploration	3	1	0	4	2
Surrender	86	110	66	29	22
Mining	12	12	16	6	9
Exploration	74	98	50	23	13

1.15. CHANGES IN LICENSE REGISTRATION, 2018-2022, by license type

	2018	2019	2020	2021	2022.I-VII
New license	85	130	90	163	81
Mining	61	59	55	54	30
Exploration	5	0	8	0	1
Tender	19	71	27	109	50
Surrendered	91	93	71	26	19
Mining	11	11	16	4	6
Exploration	80	82	55	22	13
Canceled	181	189	140	75	20
Mining	33	70	52	30	10
Exploration	148	119	88	45	10
Expired	209	199	133	120	63
Transferred	172	71	83	74	51
Mining	38	24	35	16	13
Exploration	134	47	48	58	38
Extended	566	300	68	246	259
Pledged	56	23	27	38	13
Mining	53	23	27	34	13
Exploration	3	0	0	4	0
Terminated pledges	27	31	28	16	20
Mining	26	30	28	16	19
Exploration	1	1	0	0	1
Re-issue of license documents	40	27	17	11	4
Mining	13	14	11	5	2
Exploration	27	13	6	6	2

Source: Geology and Mining Cadastre Division, MRPAM

2.1. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, 2018-2021 (2022.VI.25)

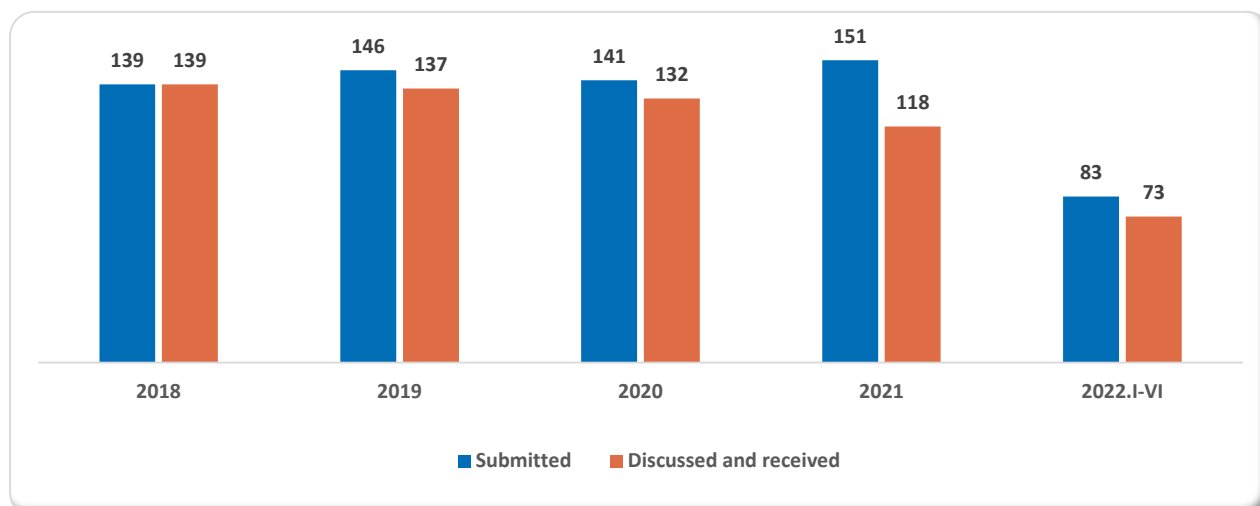


2.2. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, 2020-2021 (2022.VI.25), by million MNT and type work

	2020		2021	
	Total amount	Share to total	Total amount	Share to total
TOTAL	122,517.4	100%	99,046.0	100%
Preparation	2,622.5	2.1%	2,745.9	2.8%
Mapping	2,003.8	1.6%	1,488.4	1.5%
Geological survey	1,590.3	1.3%	1,138.6	1.1%
Sampling	875.8	0.7%	915.1	0.9%
Geophysical work	6,660.0	5.4%	3,479.7	3.5%
Mining	10,403.5	8.5%	845.3	0.9%
Drilling	64,405.0	52.6%	62,652.7	63.3%
Indoor, laboratory investigation	7,068.6	5.8%	2,998.2	3.0%
Laboratory	11,068.0	9.0%	6,652.4	6.7%
Transport	2,300.0	1.9%	2,231.3	2.3%
Topogeodetic work	3,491.7	2.8%	656.7	0.7%
Hydrogeological work	1,048.0	0.9%	992.0	1.0%
Geoecological survey	1,081.7	0.9%	69.4	0.1%
Archeology	570.7	0.5%	344.7	0.3%
Environment reclamation	380.5	0.3%	397.4	0.4%
Field sampling	319.5	0.3%	4,958.5	5.0%
Assume expenses	6,231.9	5.1%	491.7	0.5%
Other	396.0	0.3%	5,988.0	6.0%

Source: Public Administration and Management Division, MRPAM

2.3. RECEIVED EXPLORATION REPORT, 2018-2022



2.4. MINERAL RESOURCE RESERVES REGISTERED IN THE STATE'S INTEGRATED REGISTRATION, 2022.I-VI

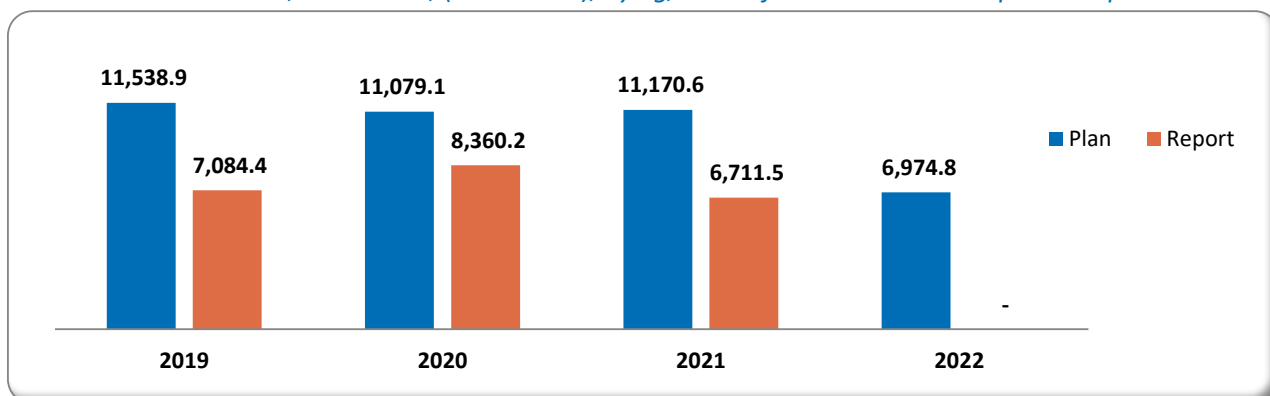
	Deposit	Unit	Resource	
			Ore	Metal
Gold (rock)	4	ths.t/kg	4,738.7	1,004.4
Silver		t	-	17.8
Blue lead		ths.t	-	0.6
Zinc		ths.t	-	1.3
Copper		ths.t	-	0.8
Gold (placer)	15	kg	1,705.6	1,522.8
Copper	1	ths.t/t	2,977,210.00	10,702,971.61
Molybdenum		ths.t	-	499.04
Iron	3	ths.t	40,969.72	-
Iron		ths.t	-	15,282.55
Fluorspar	7	ths.t	4,079.1	1,255.1
Coal	4	сая.тн	-	607.2
Limestone	2	ths.t	-	50,516.5
Aggregate stone	5	ths.m3	-	30,226.94
Granite	3	ths.m3	-	8,294.67
Sand gravel	5	ths.m3	-	4,921.56
Sand	3	ths.m3	-	4,960.42
Sand stone	1	ths.m3	-	7,991.19
Marble	1	ths.m3	-	423.51
Floatstone	1	ths.t	-	1,855.19

Source: Geology and Exploration Division, MRPAM

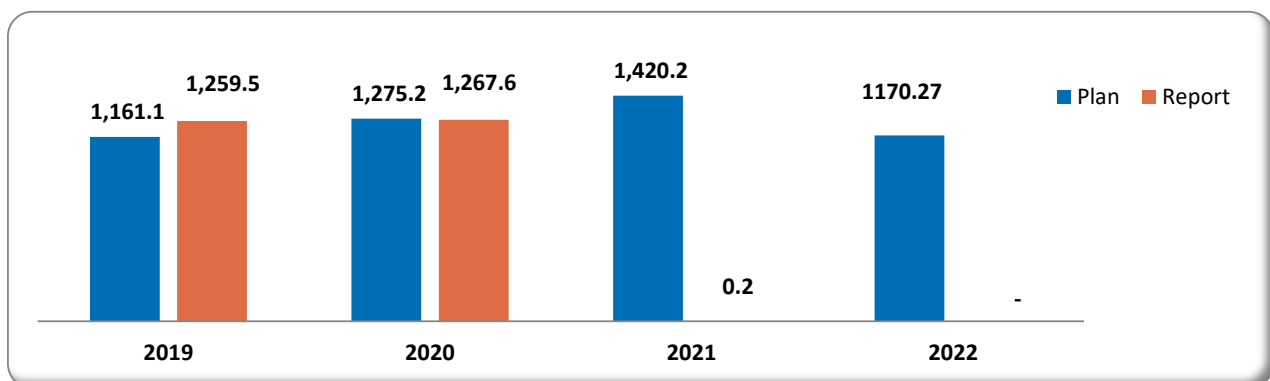
3.1. MINERAL MINING ACTIVITY PLAN AND REPORT OFFICIAL STATUS, 2018-2022, (2022.VI.30)

	Plan			Report		
	Submitted	Formal	Formal %	Submitted	Formal	Formal %
2018	488	388	79.5%	278	261	93.9%
2019	515	420	81.6%	288	261	90.6%
2020	491	363	73.9%	252	216	85.7%
2021	523	410	78.4%	278	136	48.9%
2022	478	391	81.8%	-	-	-

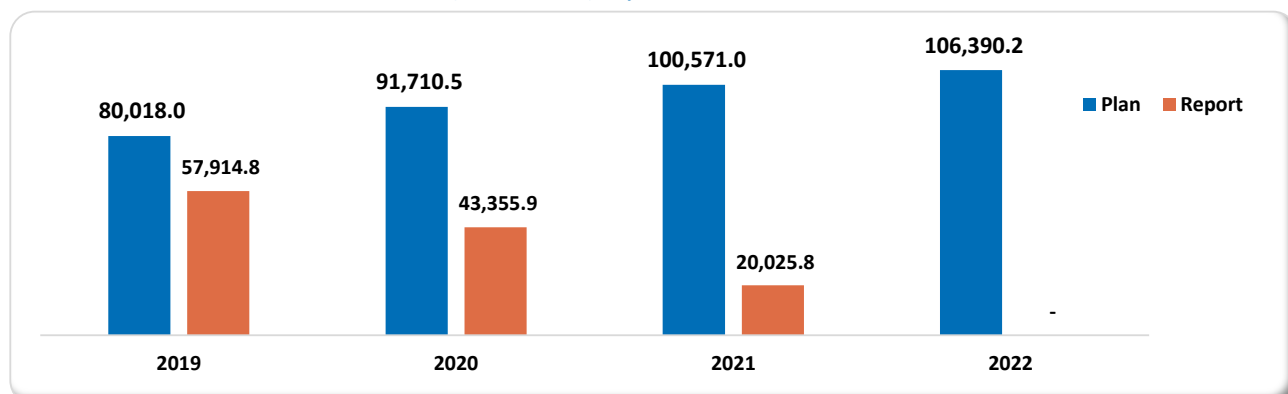
3.2. GOLD PRODUCTION, 2019-2021, (2022.VI.30), by kg, mined from hard rock and placer deposits



3.3. COPPER CONCENTRATE PRODUCTION, 2019-2021, (2022.VI.30), by ths.tons



3.4. COAL PRODUCTION, 2019-2021, (2022.VI.30), by ths tons



Эх сурвалж: Mining Research Division and Coal Research Division, MRPAM

3.5. MINERAL PRODUCTION, 2021-2022 (2022.VI.30), by mineral type

	Unit of measurement	2021		2022	
		Plan	Report	Plan	Report
Gold (Total)	kg	46,146.6	6,974.6	11,875.4	-
Gold (Amount of gold that accompanies the concentrate)	kg	34,975.9	263.1	4,900.6	-
Gold (Total amount of gold to be mined from hard rock and placer deposits)	kg	11,170.6	6,711.5	6,974.8	-
Gold (Amount of gold to be extracted from the hard rock)	kg	4,793.5	2,500.4	4,747.6	-
Gold (Amount of gold to be mined from placer deposits)	kg	6,377.1	4,211.1	2,227.2	-
Building materials					
Lime	ths.tons	125.7	2.6	560.0	-
Limestone	ths.tons	1,360.7	376.5	1,269.8	-
Clinker	ths.tons	26.6	-	-	-
Cement	ths.tons	1,950.0	711.4	1,890.3	-
Mineral powder	ths.tons	31.0	-	-	-
Crystal	ths.tons	6.1	-	-	-
Marble	ths.tons	256.8	-	-	-
Gypsum	ths.tons	173.5	84.5	117.4	-
Tungsten	tons	1,628.9	-	602.9	-
Copper concentrate	ths.tons	1,420.2	0.2	1,170.3	-
Copper (Cathode)	tons	7.8	7.8	-	-
Manganese	ths.tons	208.7	-	75.6	-
Molybdenum concentrate	ths.tons	5.0	-	5.0	-
Silver	-	-	-	-	-
Silver bullion (oblong)	kg	9,890.7	2,386.6	10,898.3	-
Silver concentrate	ths.tons	7.8	3.3	6.9	-
Silver ore	ths.tons	-	127.3	-	-
Amount of silver accompanying the concentrate	kg	73,329.3	46,136.5	63,080.0	-
Iron	ths.tons	15,166.9	3,417.8	8,377.1	-
Whole iron concentrate	ths.tons	5,162.5	911.4	3,603.5	-
Iron powder concentrate	ths.tons	7,308.4	724.5	4,773.6	-
Iron ore	ths.tons	1,002.0	1,781.9	-	-
Powdered iron ore	ths.tons	1,694.0	-	-	-
Uranium Yellow powder	tons	29.8	11.2	-	-
Amount of uranium in yellow powder	tons	11.1	4.2	-	-
Fluorite	ths.tons	2,200.7	199.9	547.2	-
Fluorite concentrate AG-97	ths.tons	211.5	23.1	-	-
Fluorite concentrate AG-95	ths.tons	91.4	31.1	27.9	-
Gravitational fluorite МГФ 55-85	ths.tons	-	0.1	16.0	-
Whole fluorite MG-92	ths.tons	46.7	5.7	9.3	-
Whole fluorite MG-85	ths.tons	81.9	0.1	12.1	-
Whole fluorite MG-80	ths.tons	5.3	0.1	-	-
Whole fluorite MG-75	ths.tons	222.9	4.7	108.2	-
Whole fluorite MG-65	ths.tons	9.5	9.2	40.1	-
Fluorite ore ФП	ths.tons	1,531.7	125.8	333.6	-
Blue lead	ths.tons	17.2	20.7	16.6	-
Polishing stone	ths.tons	26.8	75.6	-	-
Tin	tons	78.2	-	-	-
Zinc	ths.tons	112.9	112.4	91.8	-
Zeolite	ths.tons	-	-	-	-
Coal production	ths.tons	100,571.0	20,025.8	106,390.2	-

Source: Mining Research Division and Coal Research Division, MRPAM

3.6. REHABILITATION WORK BY MINING LICENSE HOLDERS, 2017-2021 (2022.VI.09)*

	Unit	2018	2019	2020	2021*
Area covered by mining	ha	7,837.9	7,078.9	8,434.6	524.6
Area covered by technical rehabilitation	ha	1,767.3	1,927.6	2,069.6	380.8
Of which: External stockpile	ha	1,018.4	1,198.2	1,548.0	107.6
Internal stockpile	ha	748.9	729.8	521.7	273.3
Area covered by biological rehabilitation	ha	790.5	704.8	623.6	229.4
Area of abusive protection rehabilitation	ha	17,459.3	19,144.3	236.6	6,894.5
Area of remodeling the mine and rehabilitation of the village	ha	62.3	57.1	50.5	17.89
Expenses for rehabilitation	bln.MNT	22.2	28.7	21.3	26.1
Environmental expenses	bln.MNT	10.8	15.8	16.8	7.4

3.7. AREA COVERED BY MINING AND REHABILITATION AREA IN 2021, (2022.VI.09)* by provinces

	Number of entities	Area covered by mining		Area covered by technical rehabilitation		Area covered by biological rehabilitation	
		Hectare	Share to total	Hectare	Share to total	Hectare	Share to total
TOTAL	87	524.7	100%	380.8	100%	229.5	100%
Arkhangai	1	6.6	1.3%	15.0	3.9%	26.0	11.3%
Bayan-Ulgii	1	1.3	0.2%	0.0	0.0%	0.0	0.0%
Bayankhongor	6	11.6	2.2%	0.8	0.2%	4.5	2.0%
Bulgan	6	27.0	5.1%	13.4	3.5%	21.0	9.1%
Govi-Altai	3	11.7	2.2%	1.0	0.3%	0.0	0.0%
Darkhan Uul	3	5.1	1.0%	25.8	6.8%	4.9	2.1%
Dornogovi	8	55.3	10.5%	0.0	0.0%	0.0	0.0%
Dornod	4	1.8	0.3%	0.0	0.0%	15.5	6.8%
Dundgovi	5	24.5	4.7%	8.2	2.1%	2.0	0.9%
Zavkhan	2	13.7	2.6%	13.3	3.5%	10.3	4.5%
Orkhon	1	0.0	0.0%	0.0	0.0%	0.5	0.2%
Uvurkhangai	5	15.0	2.8%	59.7	15.7%	15.2	6.6%
Umnugovi	7	47.7	9.1%	12.1	3.2%	14.4	6.3%
Sukhbaatar	3	0.0	0.0%	33.4	8.8%	0.0	0.0%
Selenge	5	102.0	19.4%	39.3	10.3%	25.2	11.0%
Tuv	18	115.1	21.9%	155.9	40.9%	86.9	37.9%
Khovd	1	78.8	15.0%	0.0	0.0%	1.1	0.5%
Khentii	8	7.6	1.4%	2.9	0.8%	2.0	0.9%

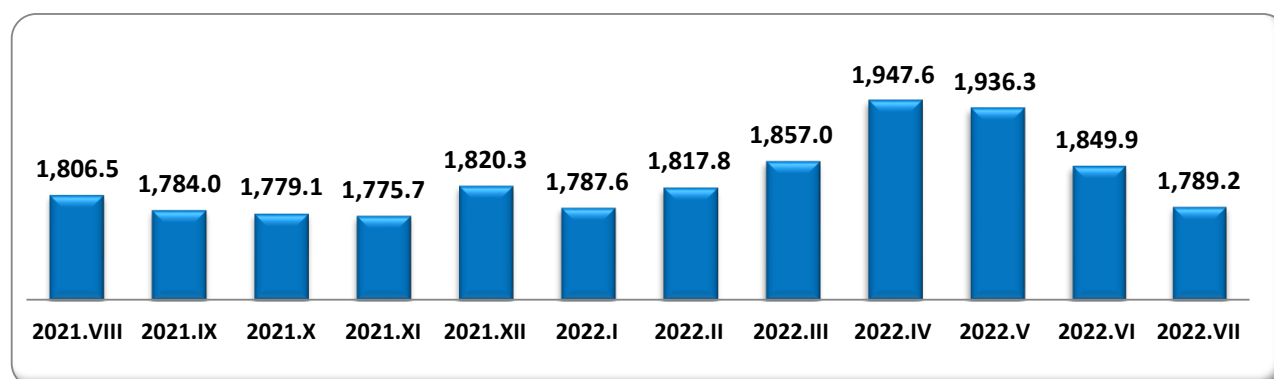
Based on data from the 2020 Mining Report for Minerals Other than Common Minerals.

Source: Mining Production and Technology Division, Coal Research Division, MRPAM

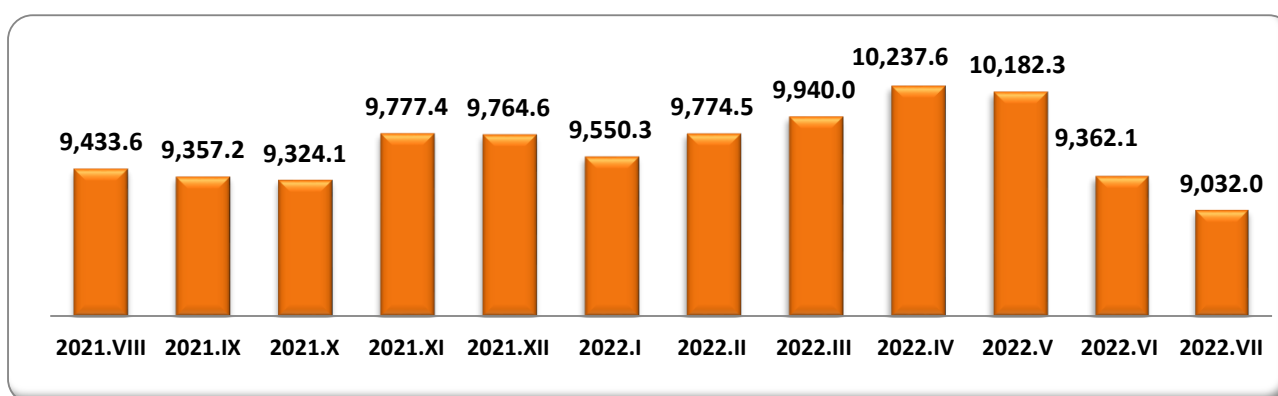
3.8. AVERAGE OF MINERAL PRICES ON THE WORLD MARKET, 2021-2022

	Unit of measurement	2021.VII	2022.VI	2022.VII	$\frac{2022.VII}{2021.VII}$	$\frac{2022.VII}{2022.VI}$
Gold	\$/ounce	1,835.3	1,849.9	1,789.2	97.5%	96.7%
Silver	\$/ounce	27.0	21.9	21.5	79.6%	98.1%
Copper	\$/tons	9,612.4	9,362.1	9,032.0	94.0%	96.5%
Zinc	\$/tons	2,950.1	3,758.8	3,643.3	123.5%	96.9%
Blue lead	\$/tons	2,189.0	2,144.5	2,066.7	94.4%	96.4%
Tin	\$/tons	32,677.6	35,913.3	31,749.9	97.2%	88.4%
Molybdenum	\$/tons	39,897.6	41,371.3	38,286.5	96.0%	92.5%
Manganese 36%	\$/tons	193.2	201.2	211.1	109.3%	104.9%
Tungsten, 99%	\$/tons	36,450.0	45,610.0	42,880.0	117.6%	94.0%
Tungsten, 65%	\$/tons	15,210.6	16,731.6	16,036.9	105.4%	95.8%
Iron ore 56%	\$/tons	169.2	77.5	85.5	50.5%	110.4%
Iron ore 60% concentrate	\$/tons	195.1	115.1	114.2	58.5%	99.2%
Fluorite concentrate AG-97	\$/tons	300.0	370.0	370.0	123.3%	100.0%
Fluorite ore MG-85	\$/tons	300.0	342.5	370.0	123.3%	108.0%
Uranium	\$/kg	71.1	105.3	109.7	154.3%	104.2%

3.9. AVERAGE PRICE OF GOLD ON THE WORLD MARKET, in last 12 months, by US\$/ounce

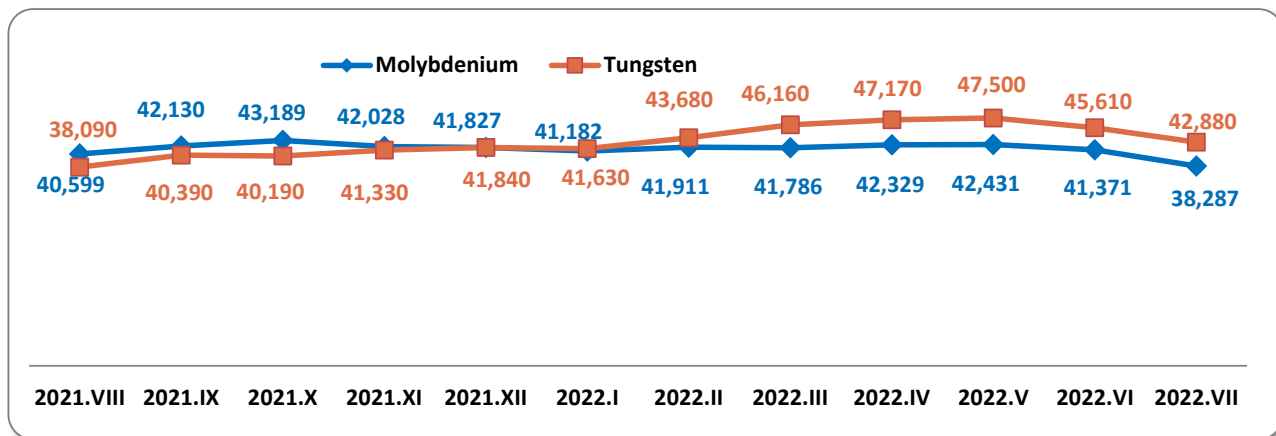


3.10. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, in last 12 months, by US\$/tons

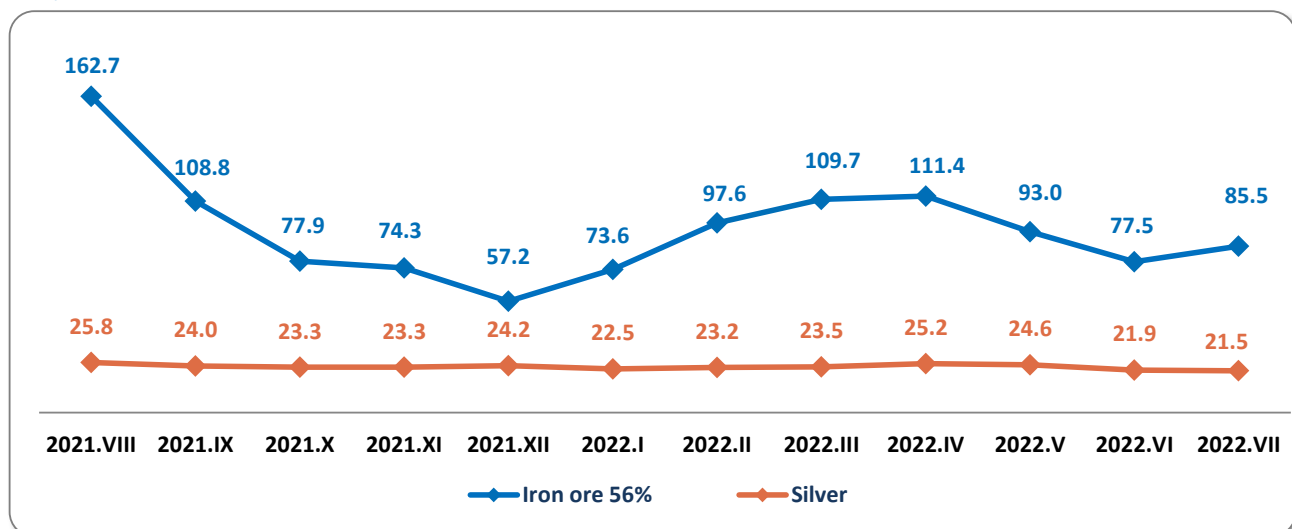


Source: www.kitco.com, www.westmetall.com, www.lme.com, www.asianmetal.com, www.lndmin.com, www.umetal.com, www.sxcoal.com

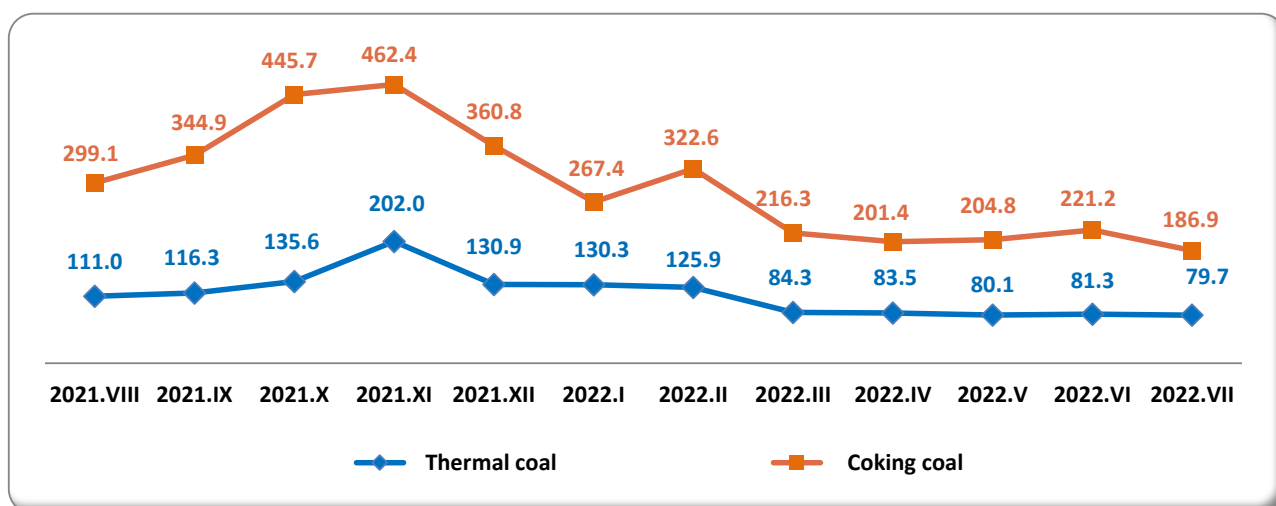
3.11. AVERAGE PRICE OF TIN, MOLYBDENIUM AND TUNGSTEN ON THE WORLD MARKET, in last 12 months, by US\$/tons



3.12. AVERAGE PRICE OF IRON AND SILVER ON THE WORLD MARKET, in last 12 months, by US\$/tons and US\$/ounce



3.13. AVERAGE PRICE OF COAL ON THE WORLD MARKET, in last 12 months, by US\$/tons by US\$/tons and US\$/tons



Source: www.kitco.com, www.westmetall.com, www.lme.com, www.asianmetal.com, www.lndmin.com, www.umetal.com www.sxcoal.com

3.14. LIST OF COMPANIES REGISTERED WITH INTERNATIONAL STOCK EXCHANGE COMPANIES OPERATING IN MONGOLIA'S MINING SECTOR, 2021-2022

	Бирж	Тэмдэг-лэгээ	Мөнгө-ний нэгж	Хувьцааны дундаж үнэ						Market value /2022.VIII.02/
				2021	2021.VII	2022.VI	2022.VII	<u>2022.VII</u> 2021.VII	<u>2022.VII</u> 2022.VI	
Turquoise Hill Resources Ltd.	NYSE	TRQ	USD	15.3	15.61	28.18	25.42	162.8%	90.2%	5.187B
Peabody Energy Corporation	NYSE	BTU	USD	8.74	10.17	24.08	21.01	206.6%	87.3%	2.8B
Rio Tinto plc	LSE	RIO.L	GBP	5,599.4	6007.3	5,417.5	4,864.5	81.0%	89.8%	78.829B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	1.03	0.88	1.4	1.4	155.7%	101.5%	257.733M
Mongolian Mining Corporation	HKG	0975.HK	HKD	2.29	2.08	2.47	2.14	102.9%	86.6%	1.862B
South Gobi Resources Ltd.	HKG	1878.HK	HKD	1.32	1.32	1.38	1.30	98.5%	94.2%	329.105M
Centerra Gold Inc.	TOR	CG.TO	CAD	10.6	9.51	9.59	7.89	83.0%	82.3%	2.371B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.4	0.40	0.35	0.29	72.5%	82.9%	86.86M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.8	0.90	0.85	0.78	86.7%	91.8%	157.442M
Silver Elephant Mining Corp.	TOR	ELEF.TO	CAD	0.33	0.25	0.53	0.55	220.0%	103.8%	15.08M
Steppe Gold Ltd	TOR	STGO.TO	CAD	1.82	1.76	1.22	1.07	60.8%	87.7%	76.504M
Kincora Copper Limited	VAN	KCC.V	CAD	0.21	0.22	0.07	0.05	22.7%	71.4%	7.243M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.148	0.17	0.10	0.09	52.9%	90.0%	10.865M
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.07	0.04	0.03	0.02	57.5%	76.7%	33.894M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.086	0.07	0.09	0.09	128.6%	100.0%	44.672M
Haranga Resources Limited	ASX	HAR.AX	AUD	-	-	0.17	0.16	-	94.1%	10.22M
Tian Poh Resources Limited	ASX	TPO.AX	AUD	0.038	0.05	0.05	0.05	100.0%	100.0%	17.393M
TerraCom Limited	ASX	TER.AX	AUD	0.14	0.13	0.71	0.72	553.8%	101.4%	634.292M
Viking Mines Limited	ASX	VKA.AX	AUD	0.03	0.02	0.01	0.01	50.0%	100.0%	7.177M
Banpu Public Company Limited	SET	BANPU.BK	THB	11.83	12.29	12.78	12.70	103.3%	99.4%	89.313B
Petro Matad Limited	LSE	MATD.L	GBP	3.89	4.58	2.90	2.19	47.8%	75.5%	20.672M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	-	-	-	-	-	-	-
Elixir Energy Limited	ASX	EXR.AX	AUD	0.26	0.24	0.13	0.16	66.7%	123.1%	138.219M

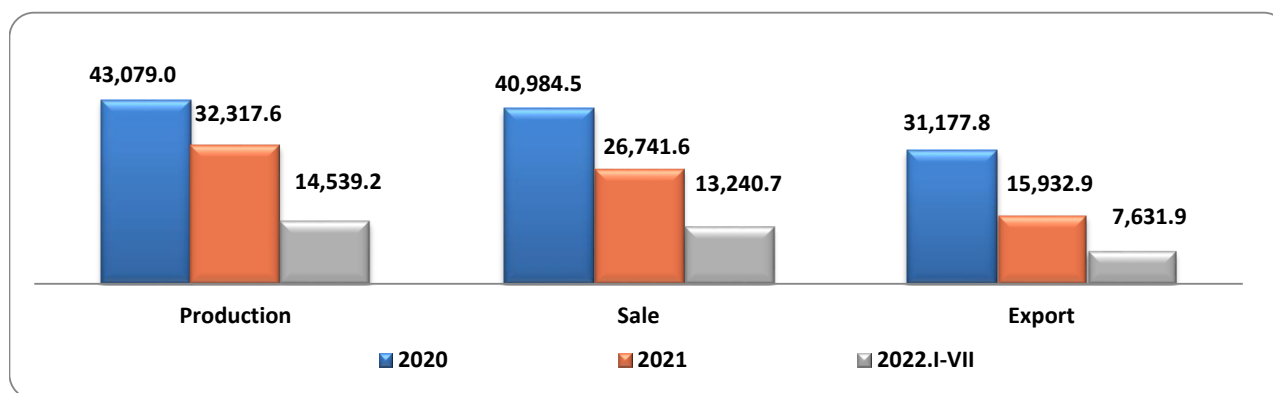
Source: www.nyse.com, www.londonstockexchange.com, www.hkex.com.hk, www.tmx.com, www.tsx.com, www.asx.com.au, www.set.or.th

3.15. LIST OF COMPANIES REGISTERED WITH INTERNATIONAL STOCK EXCHANGE COMPANIES OPERATING IN MONGOLIA'S MINING SECTOR, 2021-2022

	Symbol	Average price					
		2021	2021.VII	2022.VI	2022.VII	<u>2022.VII</u> 2021.VII	<u>2022.VII</u> 2022.VI
Tavantolgoi	TTL	7,328.4	7,039.7	6,607.7	6,914.1	98.2%	104.6%
Baganuur	BAN	1,021.9	1,153.0	999.8	-	-	-
Shivee-Ovoo	SHV	1,580.3	1,610.9	-	-	-	-
Aduunchuluun	ADL	805.1	819.5	897.6	851.2	103.9%	94.8%
Shariin Gol	SHG	833.1	865.1	802.0	672.5	77.7%	83.9%
Erdene Resource Development Corporation	ERDN	840.1	910.4	840.8	799.1	87.8%	95.0%
Mogoin gol	BDL	8,195.8	-	9,980.0	8,480.0	-	85.0%
Bayanteeg	BTG	20,764.3	-	22,500.0	-	-	-
Berkh-Uul	BEU	1,168.7	-	1,151.0	-	-	-
Khar Tarvagatai	TVT	2,398.1	-	-	-	-	-
Taliin Gal	TAL	-	-	-	-	-	-
Mongol Basalt	MBW	163.6	169.7	190.8	216.1	127.3%	113.3%
Mongol Ceramic	KEK	15,557.5	-	-	-	-	-
Silikat	SIL	31.4	-	35.0	30.0	-	85.7%
Songolon barmat	SSG	1,572.8	1,476.0	1,250.0	-	-	-
Remicon	RMC	23.3	25.0	20.4	21.3	85.1%	104.4%
Arig Tal	EER	2,309.9	2,514.6	2,764.3	2,455.0	97.6%	88.8%
Niislel-Urguu	NUR	1,959.8	-	-	-	-	-
Erchim Bayan-Ulgii	BOE	1,784.9	-	-	-	-	-
Khukh Gan	HGN	62.9	72.7	52.1	48.3	66.5%	92.8%
Nako Tulsh	NKT	15.2	27.0	-	-	-	-

Source: www.mse.mn

3.16. COAL PRODUCTION, SALE AND EXPORT, 2020-2022, by ths.tons



3.17. COAL PRODUCTION, SALE AND EXPORT, 2021-2022, by ths.tons

	Production	Sale	Export
2021	32,317.6	26,741.6	15,932.9
2021.I	4,877.2	4,395.0	3,285.4
2021.II	4,207.7	3,550.4	2,612.1
2021.III	3,742.7	3,359.0	2,493.1
2021.IV	2,962.8	1,895.0	1,205.2
2021.V	2,031.4	1,425.0	850.4
2021.VI	1,478.9	1,432.5	841.5
2021.VII	1,687.1	1,597.1	1,085.2
2021.VIII	1,415.2	1,431.5	718.1
2021.IX	1,769.8	1,421.2	562.0
2021.X	2,835.3	1,929.9	725.0
2021.XI	2,725.8	2,467.0	985.9
2021.XII	2,583.7	1,838.0	569.0
2022.I-VII	14,539.2	13,240.7	7,631.9
2022.I	2,163.5	1,636.2	443.1
2022.II	1,626.4	1,571.1	503.1
2022.III	2,046.8	1,949.1	981.6
2022.IV	2,344.6	1,427.2	680.0
2022.V	1,923.6	1,433.9	832.1
2022.VI	2,129.5	2,287.1	1,757.4
2022.VII	2,304.8	2,936.1	2,434.6
<u>2022.VII</u> 2021.VII	136.6%	183.8%	224.3%
<u>2021.I-VII</u> 2021.I-VII	69.3%	75.0%	61.7%

Source: Coal Research Division, MRPAM

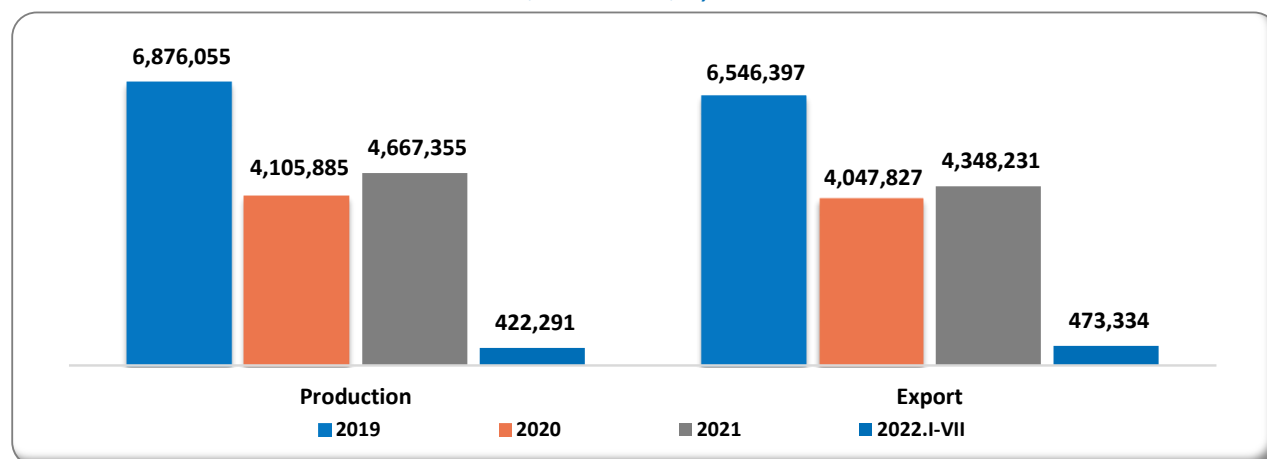
3.18. AVERAGE QUALITY OF EXPORTED COAL, 2022.VII

Type of coal	Classification	Border name	Deposit name	Gelification index	Volatile matter	Ash	Sulfur value	Total moisture	Calorific value
				GI	V ^{daf} %	A ^d %	S _t ^d %	W ^t %	Q ^{ar} kcal/kg
Antracite	<i>Antracite</i>								
	Antracite	Khangji	lkh govi Energy	-	-	-	-	-	-
Raw coal	<i>Coal</i>								
	Coking	Khangji	Erdenes tavan tolgoi	82.1	27.6	16.9	1.1	4.2	7100
		Gahsuun sukhait	Erdenes tavan tolgoi	71.1	27.4	15.0	0.9	1.6	7056
			Tavan tolgoi	-	-	-	-	-	-
	Weak coking	Khangji	Dadiin khar tolgoi	-	-	-	-	-	-
		Gahsuun sukhait	Tavan tolgoi	-	-	-	-	-	-
		Zamiin uud	Mogoin gol	-	-	-	-	-	-
		Shivee Khuren	Baruun Noyon	66.5	29.4	14.1	0.9	1.0	6801
			Khuren shand	-	-	-	-	-	-
	Non coking	Khangji		-	-	-	-	-	-
		Gahsuun sukhait	Erdenes tavan tolgoi	0.0	30.6	19.9	1.1	7.1	5813
			Khuren shand						
		Shivee Khuren	Baruun Noyon	0.0	30.5	14.3	0.6	5.9	5526
			MAK	-	-	-	-	-	-
	<i>Washed coal</i>								
	Coking	Gahsuun sukhait	Ukhaa Khudag	-	-	-	-	-	-
			Khangji	Ail bayan	-	-	-	-	-
		Yarant	Tefis mining /Khuut/	-	-	-	-	-	-
			Mo En Co	-	-	-	-	-	-
	Weak coking	Gashuun sukhait	Baruun naran	-	-	-	-	-	
Shivee Khuren			-	-	-	-	-		
Coke, semi-coke	Gahsuun sukhait	Tavan tolgoi trans	-	-	-	-	-		
Other	Zamiin uud	Dalan	-	-	-	-	-		
		Friend ship	-	-	-	-	-		
		Achir/Alag togoo	-	-	-	-	-		
		Alag togoo	-	-	-	-	-		
		Gantig house	-	-	-	-	-		
		Goviin shandast khuleg	-	-	-	-	-		
		Khuut /Khuuchin and/	-	-	-	-	-		
		Zelter	-	-	-	-	-		
		Tsetsens minig	-	-	-	-	-		
		Khuut /Big mogul/	-	-	-	-	-		
		Shariin gol	-	-	-	-	-		
	Bichigt	Erdeniin olz	-	-	-	-	-		
Coal	Zamiin uud	Tsaidam nuur	-	-	-	-	-		
		Khovil	-	-	-	-	-		
		Andiin ilch	-	-	-	-	-		
		Bilegt bayalag	-	-	-	-	-		
	Bichigt	Olgoi bulag	-	-	-	-	-		
		Khuut buman olz	-	-	-	-	-		
		Badmaarag khash	-	-	-	-	-		
		Erdeniin bosgo	-	-	-	-	-		

Source: Central Laboratory of Mining and Petroleum, MRPAM

4 | PETROLEUM

4.1. PETROLEUM PRODUCTION AND EXPORT, 2019-2022, by barrel



4.2. PETROLEUM PRODUCTION AND EXPORT, 2021-2022, by barrel

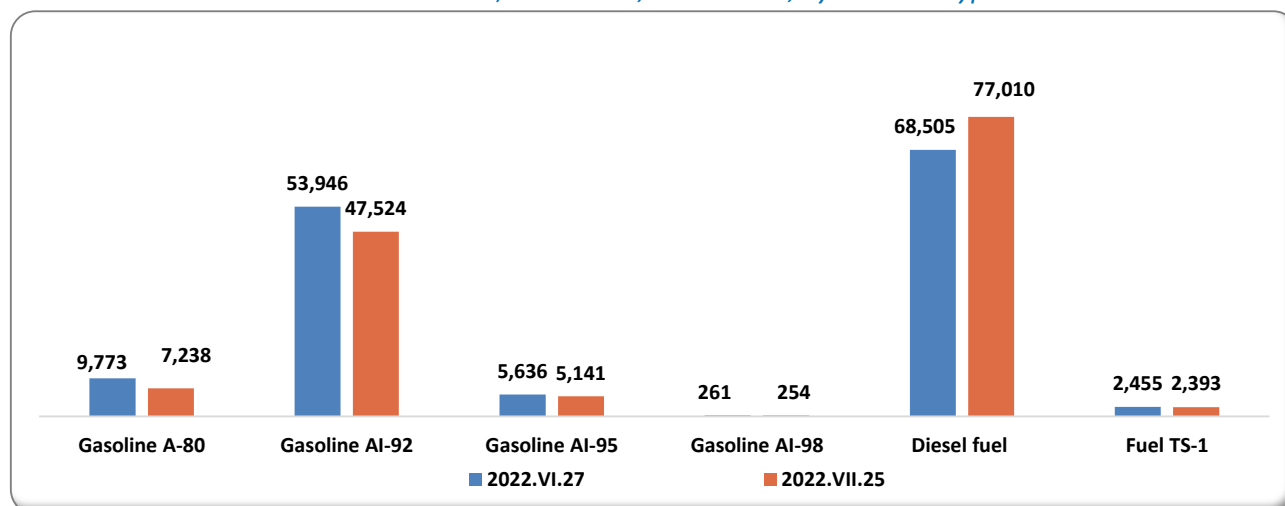
	Production		Export	
	Barrel	Share to total	Barrel	Share to total
2021	4,667,355	100%	4,348,231	100%
2021.I	527,156	11.3%	518,973	11.9%
2021.II	469,647	10.1%	435,559	10.0%
2021.III	511,305	11.0%	466,990	10.7%
2021.IV	496,623	10.6%	468,414	10.8%
2021.V	504,353	10.8%	487,367	11.2%
2021.VI	482,461	10.3%	480,475	11.0%
2021.VII	501,112	10.7%	425,415	9.8%
2021.VIII	414,776	8.9%	341,637	7.9%
2021.IX	51,634	1.1%	81,278	1.9%
2021.X	284,781	6.1%	329,572	7.6%
2021.XI	389,883	8.4%	312,552	7.2%
2021.XII	33,623	0.7%	-	-
2022.I-VII	422,291	100.0%	473,334	100.0%
2022.I	17,543	4.2%	-	-
2022.II	9,921	2.3%	-	-
2022.III	9,264	2.2%	-	-
2022.IV	837	0.2%	-	-
2022.V	89	0.0%	-	-
2022.VI	36,832	8.7%	114,102	24.1%
2022.VII	347,805	82.4%	359,232	75.9%
<u>2022.VII</u> <u>2021.VII</u>	69.4%	-	84.4%	-
<u>2022.I-VII</u> <u>2021.I-VII</u>	12.1%	-	14.4%	-

Source: Petroleum Exploitation Division, MRPAM

4.3. PETROLEUM PRODUCTS IMPORTING, 2021-2022, by tons and type

	Total	Gasoline A-80	Gasoline AI-92	Gasoline AI-95	Gasoline AI-98	Diesel fuel	Fuel TS-1	Lique- fied gas	Other
2021	1,806,874	58,628	490,045	27,672	1,292	976,273	28,797	22,731	201,436
2021.I	165,861	3,434	42,658	1,055	169	103,943	3,587	1,403	9,612
2021.II	121,367	3,511	25,866	1,316	61	74,722	3,113	470	12,308
2021.III	152,830	5,152	28,294	986	183	82,158	6,037	377	29,642
2021.IV	131,984	4,241	16,839	1,829	62	78,651	1,583	438	28,340
2021.V	104,381	5,076	26,219	2,427	61	52,253	2,073	318	15,954
2021.VI	167,237	7,994	31,340	1,656	123	99,393	1,713	526	24,492
2021.VII	170,998	3,787	46,758	571	-	90,549	1,993	243	27,098
2021.VIII	154,815	4,236	56,744	5,066	-	80,081	832	3,515	4,340
2021.IX	112,997	4,960	33,935	118	-	63,885	562	1,898	7,640
2021.X	130,991	436	43,728	5,109	119	65,044	1,789	1,929	12,836
2021.XI	203,881	10,129	83,990	3,513	462	86,292	4,200	6,370	8,924
2021.XII	189,533	5,672	53,674	4,025	51	99,303	1,314	5,245	20,250
2022.I-VII	1,022,665	19,648	343,575	15,576	183	506,434	30,200	21,719	85,330
2022.I	139,456	1,229	39,498	1,769	-	83,809	1,805	2,030	9,317
2022.II	138,921	4,187	63,713	1,244	-	58,792	1,492	2,904	6,588
2022.III	133,828	4,821	55,620	3,876	122	53,989	2,396	3,433	9,571
2022.IV	114,043	2,254	24,945	3,391	61	61,773	11,553	3,276	6,791
2022.V	172,740	2,382	59,583	1,949	-	83,553	4,245	3,850	17,178
2022.VI	187,104	4,036	48,840	2,075	-	98,140	6,807	3,237	23,969
2022.VII	136,573	741	51,376	1,271	-	66,379	1,901	2,990	11,915
2022.VII 2021.VII	79.9%	19.6%	109.9%	222.7%	-	73.3%	95.4%	1232.7%	44.0%
2022.I-VII 2021.I-VII	100.8%	59.2%	157.6%	158.3%	27.7%	87.1%	150.3%	575.5%	57.9%

4.4. RESIDUE OF PETROLEUM PRODUCTS, 2022.VI.27, 2022.VII.25, by tons and type



Source: Petroleum Products Division, MRPAM

4.5. THE WORLD AVERAGE PRICE OF PETROLEUM PRODUCTS ARE SELLING RETAIL SALE, *in last 12 months, by US\$/tons*

	New York / WTI		London / BRENT	
	Opening price	Closing price	Opening price	Closing price
2021/08/03	71.42	71.27	73.09	72.86
2021/08/10	66.94	67.01	69.17	69.42
2021/08/16	67.48	67.50	69.71	70.59
2021/08/23	61.94	62.14	64.91	64.75
2021/08/31	69.56	68.74	72.17	71.70
2021/09/07	69.22	69.29	72.55	72.46
2021/09/14	70.61	70.64	73.68	73.57
2021/09/21	70.64	70.72	74.38	74.46
2021/09/28	75.38	75.27	78.57	78.50
2021/10/04	76.06	75.88	79.35	79.28
2021/10/12	80.48	80.52	83.63	83.62
2021/10/19	81.62	81.53	84.21	84.00
2021/10/26	83.83	83.81	85.26	85.25
2021/11/02	83.88	84.27	84.49	85.00
2021/11/07	82.06	82.02	83.44	83.53
2021/11/16	79.69	80.31	81.96	82.76
2021/11/22	76.47	76.75	79.52	79.70
2021/11/29	71.39	70.84	74.69	73.25
2021/12/06	67.02	69.49	70.24	73.08
2021/12/14	72.52	71.03	75.66	74.25
2021/12/20	69.27	69.20	72.13	72.05
2021/12/27	73.33	75.83	75.98	78.61
2022/01/03	75.63	76.08	78.11	78.98
2022/01/10	78.88	78.23	81.76	80.87
2022/01/17	83.84	83.69	86.15	86.48
2022/01/24	84.91	83.31	87.93	86.27
2022/01/31	87.45	88.15	90.80	91.21
2022/02/07	91.81	91.41	92.92	92.95
2022/02/14	92.06	93.50	95.91	95.78
2022/02/21	91.62	92.65	94.29	95.39
2022/02/28	94.99	95.72	101.98	100.99
2022/03/07	121.33	119.40	122.79	123.21
2022/03/14	109.42	103.01	113.15	106.90
2022/03/21	105.13	112.12	107.50	115.62
2022/03/28	110.73	104.03	114.81	106.70
2022/04/04	98.95	103.28	104.08	107.53
2022/04/11	98.40	94.29	103.21	98.48
2022/04/18	107.03	108.21	112.32	113.16
2022/04/25	100.55	98.62	104.62	102.29
2022/05/02	104.00	105.17	106.30	107.58
2022/05/09	110.43	103.09	112.94	105.94
2022/05/16	110.98	114.20	111.67	114.24
2022/05/23	110.29	110.56	110.29	110.78
2022/05/31	115.07	118.30	118.32	122.60
2022/06/07	118.97	119.40	119.79	120.46
2022/06/13	118.97	118.67	119.79	120.22
2022/06/21	118.97	110.42	119.79	115.83
2022/06/28	118.97	111.59	119.79	113.04
2022/07/05	108.80	110.14	113.54	113.31
2022/07/19	98.86	98.59	105.76	105.39
2022/07/26	96.23	98.27	99.72	101.95
2022.VII.26	80.9%	88.1%	83.2%	90.2%
2022.VI.28				
2022.VII.26	165.0%	155.1%	162.2%	153.2%
2021.VII.27				

Source: www.wtrg.com, www.bloomberg.com, www.reuters.com, www.topoilnews.com, www.oil.in-en.com, www.nymex.com, www.finmarket.ru, www.ineng.org, www.quandl.com.

4.6.RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, 2022.VI.28, 2022.VII.26, by MNT/litre, provinces,

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2022.VI.28	2022.VII.26	2022.VII.26 2022.VI.28	2022.VI.28	2022.VII.26	2022.VII.26 2022.VI.28	2022.VI.28	2022.VII.26	2022.VII.26 2022.VI.28	2022.VI.28	2022.VII.26	2022.VII.26 2022.VI.28
NATIONAL AVERAGE PRICE	2,994	2,996	100.1%	2,559	2,559	100.0%	4,000	4,341	108.5%	3,736	4,045	108.3%
Ulaanbaatar	3,150	3,150	100.0%	2,390	2,390	100.0%	3,910	4,210	107.7%	3,730	4,030	108.0%
Western region	2,886	2,886	100.0%	2,852	2,852	100.0%	-	4,500	-	3,740	4,040	108.0%
Bayan-Ulgii	2,680	2,680	100.0%	2,700	2,700	100.0%	-	-	-	3,700	4,000	108.1%
Govi-Altai	2,920	2,920	100.0%	2,970	2,970	100.0%	-	-	-	3,890	4,190	107.7%
Zavkhan	3,210	3,210	100.0%	2,890	2,890	100.0%	-	4,500	-	3,720	4,020	108.1%
Uvs	2,850	2,850	100.0%	2,900	2,900	100.0%	-	-	-	3,690	3,990	108.1%
Hovd	2,770	2,770	100.0%	2,800	2,800	100.0%	-	4,500	-	3,700	4,000	108.1%
Hangai region	3,168	3,168	100.0%	2,517	2,517	100.0%	4,048	4,353	107.5%	3,738	4,038	108.0%
Arkhangai	3,200	3,200	100.0%	2,500	2,500	100.0%	4,030	-	-	3,740	-	-
Bayankhongor	3,210	3,210	100.0%	2,530	2,530	100.0%	-	-	-	3,730	4,030	108.0%
Bulgan	3,150	3,150	100.0%	2,520	2,520	100.0%	4,080	4,380	107.4%	3,730	4,030	108.0%
Uvurkhangai	3,190	3,190	100.0%	2,470	2,470	100.0%	4,020	4,320	107.5%	3,730	4,030	108.0%
Orkhon	3,100	3,100	100.0%	2,490	2,490	100.0%	4,040	4,340	107.4%	3,730	4,030	108.0%
Khuvsgul	3,160	3,160	100.0%	2,590	2,590	100.0%	4,070	4,370	107.4%	3,770	4,070	108.0%
Central region	3,034	3,034	100.0%	2,498	2,498	100.0%	4,003	4,301	107.5%	3,744	4,052	108.2%
Tuv	3,140	3,140	100.0%	2,440	2,440	100.0%	3,960	4,260	107.6%	3,735	4,035	108.0%
Darkhan	2,650	2,650	100.0%	2,470	2,470	100.0%	4,020	4,320	107.5%	3,730	4,030	108.0%
Selenge	2,650	2,650	100.0%	2,500	2,500	100.0%	4,030	4,330	107.4%	3,730	4,030	108.0%
Govisumber	3,170	3,170	100.0%	2,480	2,480	100.0%	4,010	4,310	107.5%	3,760	4,060	108.0%
Dundgovi	3,180	3,180	100.0%	2,530	2,530	100.0%	4,010	4,310	107.5%	3,770	4,070	108.0%
Dornogovi	3,250	3,250	100.0%	2,520	2,520	100.0%	3,990	4,290	107.5%	3,800	4,100	107.9%
Umnugovi	3,200	3,200	100.0%	2,545	2,545	100.0%	3,990	4,290	107.5%	3,740	4,040	108.0%
Eastern region	2,733	2,743	100.4%	2,540	2,540	100.0%	4,040	4,340	107.4%	3,733	4,067	108.9%
Dornod	2,500	2,500	100.0%	2,530	2,530	100.0%	4,040	4,340	107.4%	3,640	4,040	111.0%
Sukhbaatar	2,520	2,550	101.2%	2,570	2,570	100.0%	4,080	4,380	107.4%	3,830	4,130	107.8%
Khentii	3,180	3,180	100.0%	2,520	2,520	100.0%	4,000	4,300	107.5%	3,730	4,030	108.0%

Source: Petroleum Products Division, MRPAM

4.7. RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, 2020-2022, by MNT/litre and type

	Автобензин А-80	Автобензин АИ-92	Автобензин АИ-95	Дизелийн түлш
2020.I.28	1847	1925	2260	2524
2020.II.21	1847	1925	2260	2524
2020.III.31	1785	1863	2196	2515
2020.IV.28	1505	1571	2051	2230
2020.V.26	1443	1511	1878	2076
2020.VI.30	1443	1507	1878	1976
2020.VII.28	1463	1506	2078	2137
2020.VIII.25	1507	1550	2078	2123
2020.IX.29	1467	1543	2079	1980
2020.X.27	1463	1545	2078	1985
2020.XI.24	1457	1536	2077	1983
2020.XII.28	1455	1534	2077	1976
2021.I.26	1483	1559	2083	2025
2021.II.23	1492	1560	2174	2112
2021.III.30	1505	1563	2183	2123
2021.IV.27	1508	1563	2183	2123
2021.V.31	1513	1545	2163	2233
2021.VI.29	1513	1545	2313	2262
2021.VII.27	1812	1846	2418	2352
2021.VIII.31	2112	2144	2513	2545
2021.IX.28	2129	2161	2702	2545
2021.X.26	2150	2181	2608	2541
2021.XI.29	2256	2303	2759	2778
2021.XII.28	2370	2397	2864	2883
2022.I.31	2370	2416	2855	2836
2022.III.01	2419	2464	2954	2924
2022.III.29	2516	2560	3144	3117
2022.IV.26	2517	2561	3353	3369
2022.V.31	2517	2561	3351	3425
2022.VI.28	2994	2559	4000	3736
2022.VII.26	2996	2559	4341	4045
<u>2022.VII.26</u> <u>2022.VI.28</u>	100.1%	100.0%	108.5%	108.3%
<u>2022.VII.26</u> <u>2021.VII.27</u>	165.3%	138.6%	179.5%	172.0%
<u>2022.VII.26</u> <u>2020.VII.28</u>	204.8%	169.9%	208.9%	189.3%

Source: Petroleum Products Division, MRPAM

5.1. HEAVY INDUSTRY PRODUCTION, EXPORT, IMPORT, 2022.I-VI, by product type

	Units of production	Production	Exports	Imports
Electrical copper wire, cable and other products				
Cable	metr	941.0	-	-
Extension plug	unit	124.0	-	-
Secondary raw materials				
Machined parts	tons	1,178.4	-	-
Rubber articles	tons	103.1	-	-
Rubber articles	unit	566.0	-	-
Cast products	tons	1,849.7	-	-
Aluminum alloy	tons	789.8	337.3	-
Copper alloy	tons	1,476.6	2,602.9	-
Cast iron / model /	tons	990.0	879.4	-
Metal billets and products				
Billets	tons	11,446.0	-	-
Bars and rods	tons	16,223.6	-	-
Steel balls	tons	514.3	-	-
Sulfuric acid	tons	-	-	5,277.2
Metallurgical coke	tons	-	2,330.2	-
Cathode copper	tons	4,959.8	3,243.2	-
Machinery, hardware parts, spare parts production	unit/ package	1,464,107/73	853,786	-

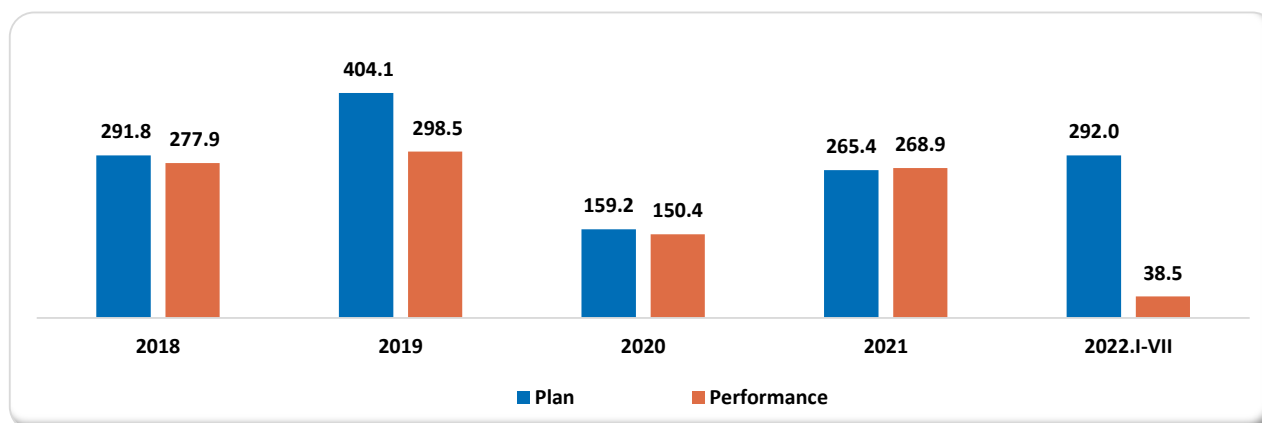
Source: Heavy Industry, Research, Technical and Technological Department, MRPAM

6 | STATE BUDGET REVENUE

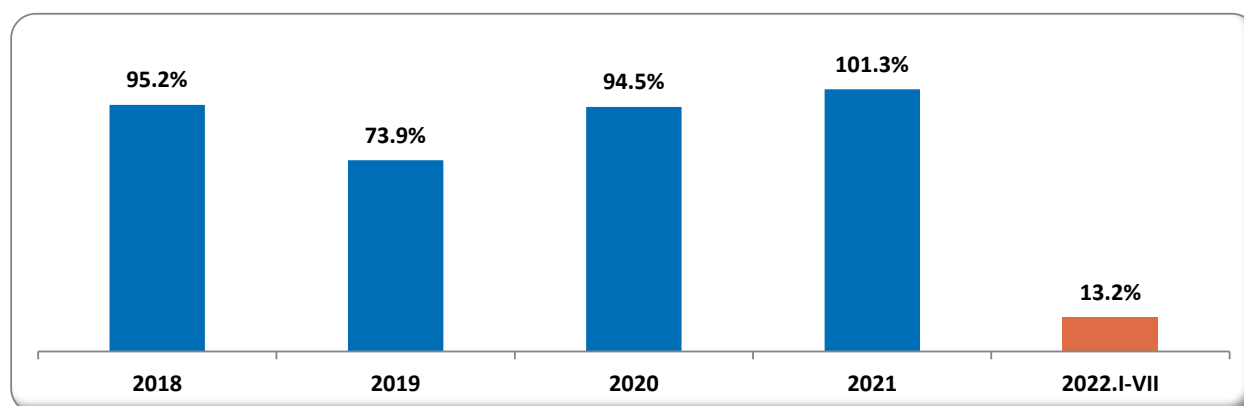
6.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, 2022, by million.MNT and income type

	Plan of 2022	2022.I-VII	
		Performance	Performance rate
TOTAL	291,997.0	38,484.2	13.2%
License fee	31,400.0	18,776.7	59.8%
Reimbursement	17,500.0	694.4	4.0%
Petroleum export revenue	215,447.0	1,774.9	0.8%
Service revenue (petroleum)	1,630.0	1,632.3	100.1%
Service revenue (mineral resources)	1,020.0	1,062.9	104.2%
Tender revenue	25,000.0	14,543.0	58.2%

6.2. BUDGET REVENUE OF MRPAM, 2018-2022, by billion MNT



6.3. BUDGET PERFORMANCE RATE OF MRPAM, 2018-2022



Source: Public Administration and Management Division



This bulletin is updated monthly and published on the Mineral Resources and Petroleum Authority's website www.mrpam.gov.mn



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