



IMPLEMENTING AGENCY OF MONGOLIAN GOVERNMENT
MINERAL RESOURCES AND PETROLEUM AUTHORITY



MINERAL RESOURCES AND PETROLEUM STATISTICS 2023/06

www.mrpam.gov.mn

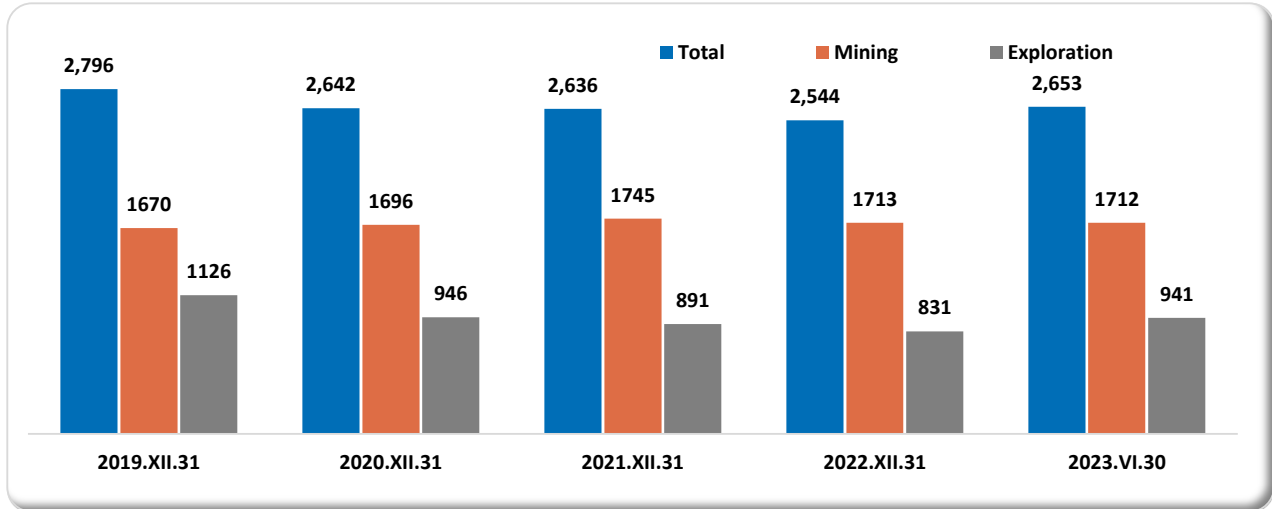
1 MINING AND EXPLORATION LICENSES

1.1. NUMBER OF VALID LICENSES AND AREA SIZE, 2023.VI.30, by provinces

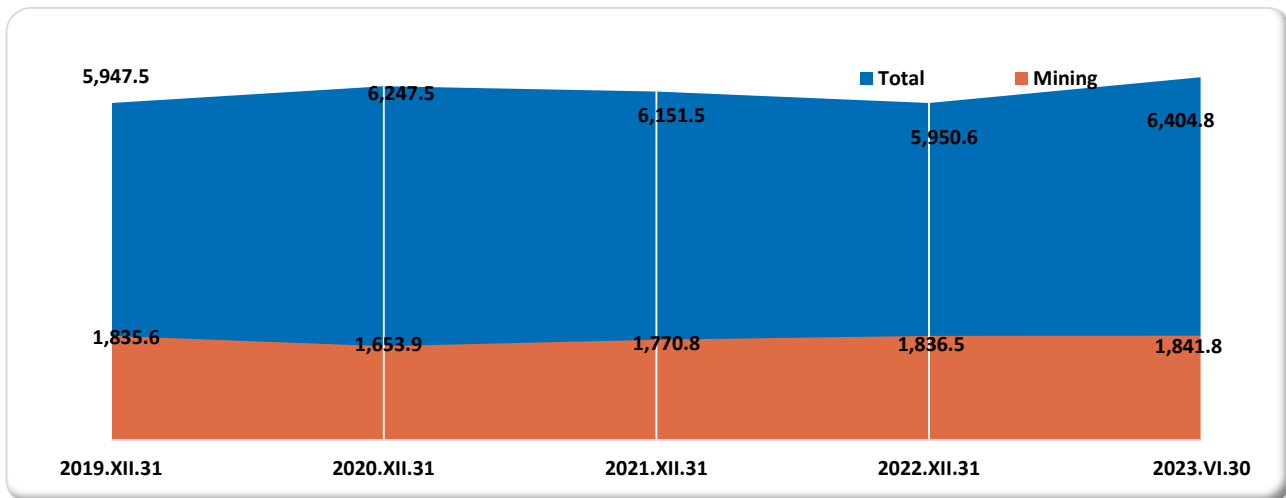
	TOTAL			Of which:					
	Number of licenses	Area size /ths.ha/	Percent of total territory	Mining			Exploration		
				Number of licenses	Area size /ths.ha/	Percent of total territory	Number of licenses	Area size /ths.ha/	Percent of total territory
TOTAL	2653	6,404.8	4.1%	1712	1,841.8	1.2%	941	4,563.0	2.9%
Arkhangai	29	29.7	0.5%	19	11.2	0.2%	10	18.5	0.3%
Bayan-Ulgii	72	219.4	4.8%	30	16.5	0.4%	42	202.9	4.4%
Bayankhongor	135	317.6	2.7%	100	167.3	1.4%	35	150.3	1.3%
Bulgan	109	190.3	3.9%	78	41.9	0.9%	31	148.4	3.0%
Govi-Altai	133	576.3	4.0%	61	105.5	0.7%	72	470.8	3.3%
Govisumber	16	44.6	8.0%	13	38.9	7.0%	3	5.8	1.0%
Darkhan Uul	69	16.0	4.9%	61	8.1	2.5%	8	7.9	2.4%
Dornogovi	353	1,007.8	9.3%	214	269.6	2.5%	139	738.2	6.8%
Dornod	162	606.3	4.9%	72	63.7	0.5%	90	542.6	4.4%
Dundgovi	195	556.1	7.5%	124	191.6	2.6%	71	364.5	4.9%
Zavhan	43	155.7	1.9%	13	21.3	0.3%	30	134.3	1.6%
Orkhon	14	17.6	20.9%	9	10.7	12.7%	5	6.9	8.2%
Uvurkhangai	53	147.3	2.4%	30	18.1	0.3%	23	129.2	2.1%
Umnugovi	162	895.7	5.4%	108	484.2	2.9%	54	411.5	2.5%
Sukhbaatar	93	319.7	3.9%	69	56.2	0.7%	24	263.4	3.2%
Selenge	177	104.4	2.5%	138	46.9	1.1%	39	57.5	1.4%
Tuv	386	362.2	4.9%	306	162.9	2.2%	80	199.3	2.7%
Uvs	106	258.1	3.7%	46	21.2	0.3%	60	236.9	3.4%
Ulaanbaatar	94	9.9	2.0%	90	9.7	2.0%	4	0.2	0.0%
Khuvsgul	94	287.5	2.9%	36	29.5	0.3%	58	258.0	2.6%
Khovd	23	11.6	0.1%	21	10.3	0.1%	2	1.3	0.0%
Khentii	215	271.2	3.4%	128	56.5	0.7%	87	214.7	2.7%

Source: Cadastre Division, MRPAM

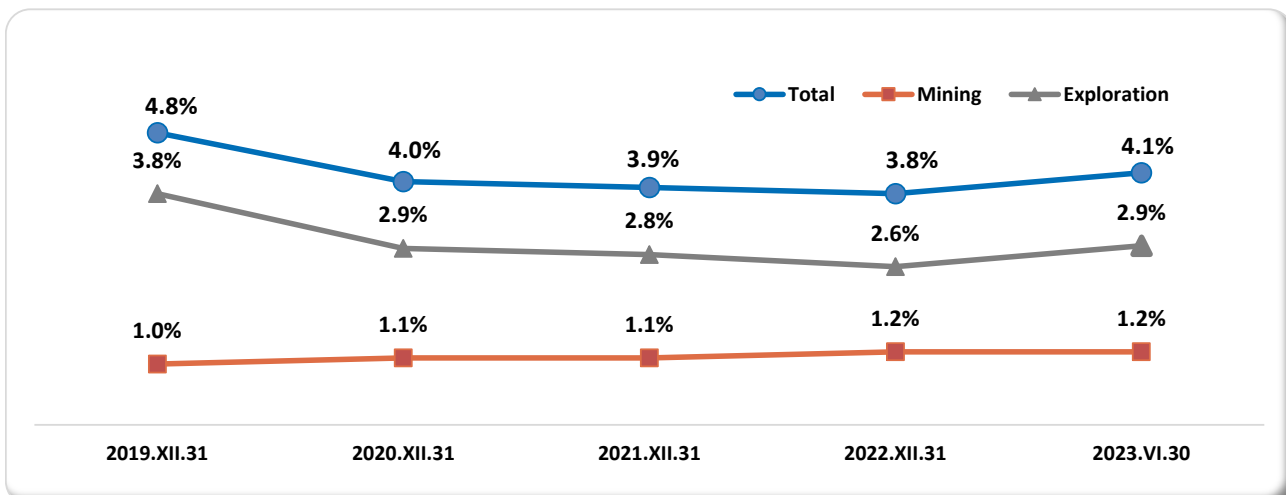
1.2. NUMBER OF TOTAL VALID LICENSES, 2019-2023



1.3. LICENSED AREA, 2018-2023, by thousands.ha



1.4. PERCENT OF TOTAL LICENSED AREA IN MONGOLIA'S TERRITORY, 2019-2023



Source: Cadastre Division, MRPAM

1.5. NUMBER OF MINING LICENSE AND AREA SIZE, 2023.VI.30, by type of minerals

	Mining license		Area size	
	Number	Share to total	Hectare	Share to total
TOTAL	1712	100.00%	1,841,807.4	100%
Gold (placer)	458	26.8%	183,679.6	10.0%
Coal	304	17.8%	810,868.0	44.0%
Fluorite	214	12.5%	50,226.3	2.7%
Gold ore	92	5.4%	124,153.1	6.7%
Iron	80	4.7%	48,378.2	2.6%
limestone	80	4.7%	50,692.7	2.8%
Common mineral, Clay	33	1.9%	2,032.2	0.1%
Common mineral, Sand, Gravel	33	1.9%	1,283.9	0.1%
Common mineral, Rock	32	1.9%	9,071.3	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%	85,358.6	4.6%
Clay	11	0.6%	486.5	0.0%
Graphite	10	0.6%	20,141.9	1.1%
Salt	10	0.6%	419.9	0.0%
Molybdenum	8	0.5%	6,003.7	0.3%
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%
Sand stone, Common mineral	6	0.4%	1,426.3	0.1%
Slide the volcano	6	0.4%	886.4	0.0%
Copper, Gold	5	0.3%	8,807.4	0.5%
Molybdenum, Tungsten	5	0.3%	5,047.1	0.3%
Rock	5	0.3%	2,781.0	0.2%
Iron, Zinc	5	0.3%	1,126.4	0.1%
Phosphorus	5	0.3%	800.0	0.0%
Zeolite	5	0.3%	705.0	0.0%

1.5.1. NUMBER OF MINING LICENSE AND AREA SIZE, 2023.V.31, by type of minerals

(Cont. Table 1.5)

	Mining license		Area size	
	Number	Share to total	Hectare	Share to total
Construction Rock	4	0.2%	19,024.8	1.0%
Gold	4	0.2%	6,106.8	0.3%
Tungsten, Tin	4	0.2%	2,833.9	0.2%
Glauberite salt	4	0.2%	1,449.0	0.1%
Silver	4	0.2%	1,050.4	0.1%
Perlit	4	0.2%	771.5	0.0%
Precious stones	4	0.2%	593.2	0.0%
Construction materials	5	0.29%	2,009.2	0.11%
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%	10,853.6	0.6%
Silicium	3	0.2%	9,587.7	0.5%
Aluminium	3	0.2%	2,793.1	0.2%
Bazalit	3	0.2%	1,370.9	0.1%
Bitumen	3	0.2%	601.5	0.0%
Common Construction, Clay, Rock	3	0.2%	599.1	0.0%
Granite	3	0.2%	275.3	0.0%
Gold ore, Silver	2	0.1%	6,206.0	0.3%
Gold, Copper	2	0.1%	3,158.1	0.2%
Face stone	2	0.1%	2,618.6	0.1%
Gold (placer), Clay, Sand	2	0.1%	2,041.2	0.1%
Zinc	2	0.1%	1,969.8	0.1%
Iron, Concentrated metal	2	0.1%	1,375.3	0.1%
Quartz	2	0.1%	525.4	0.0%
Keramzite Clay	2	0.1%	207.8	0.0%
Common mineral, Keramzite Clay	2	0.1%	183.5	0.0%
Iron, limestone	2	0.1%	168.5	0.0%
Copper, Concentrated metal, Gold, Clay, S	1	0.1%	8,489.9	0.5%
Gold, Polymetal	1	0.1%	7,120.6	0.4%
Copper, Molybdenum, Gold	1	0.1%	5,236.0	0.3%
Lithium	1	0.1%	4,720.2	0.3%
Gold ore, Concentrated metal	1	0.1%	4,668.6	0.3%
Concentrated metal, Rock	1	0.1%	4,533.3	0.2%
Copper, Nickel	1	0.1%	4,523.6	0.2%
Iron, Molybdenum	1	0.1%	4,050.1	0.2%
Gold (placer), Gold ore	1	0.1%	3,404.3	0.2%
Graphite, limestone	1	0.1%	3,000.6	0.2%
Copper, Zinc	1	0.1%	2,899.3	0.2%

1.5.2. NUMBER OF MINING LICENSE AND AREA SIZE, 2023.V.31, by type of minerals

(Cont.Table 1.5)

	Mining license		Area size	
	Number	Share to total	Hectare	Share to total
Gold, Copper, Silver	1	0.1%	2,085.6	0.1%
Molybdenum, Rhenium	1	0.1%	1,789.4	0.1%
Coal, Gold (placer)	1	0.1%	1,767.2	0.1%
Concentrated metal, Sand	1	0.1%	1,762.7	0.1%
Coal, Sand, Gravel	1	0.1%	1,444.1	0.1%
Zinc, Silver, Lead	1	0.1%	874.7	0.0%
Common mineral, Construction Rock	1	0.1%	750.8	0.0%
Mica	1	0.1%	596.2	0.0%
Nickel	1	0.1%	524.6	0.0%
limestone, Rock	1	0.1%	435.2	0.0%
Bargilt	1	0.1%	335.0	0.0%
Fluorite, Tungsten	1	0.1%	302.5	0.0%
Bazalit, Common mineral	1	0.1%	277.5	0.0%
Gold (placer), Iron	1	0.1%	251.4	0.0%
Color metal	1	0.1%	227.5	0.0%
Silver, Concentrated metal	1	0.1%	182.8	0.0%
Beryllium	1	0.1%	132.1	0.0%
Agalmatolite, Baryte	1	0.1%	125.7	0.0%
Garnet	1	0.1%	86.3	0.0%
Gold, Clay, Sand	1	0.1%	79.4	0.0%
Sand	1	0.1%	66.7	0.0%
Zeolite, Common mineral	1	0.1%	64.8	0.0%
Red jasper	1	0.1%	49.3	0.0%
Green jasper	1	0.1%	47.5	0.0%
Common mineral, Sand, Gravel, Rock	1	0.1%	39.3	0.0%
Common mineral, Sand, Rock	1	0.1%	38.6	0.0%
Sand, Common mineral	1	0.1%	37.1	0.0%
Gold (placer), Coal	1	0.1%	35.9	0.0%
Common mineral, Sand, Gravel, Rock	1	0.1%	32.1	0.0%
Fluorite, limestone	1	0.1%	26.6	0.0%
Magnesite	1	0.1%	26.5	0.0%
Coal, Clay	1	0.1%	26.4	0.0%
Copper, Common Mineral, Gravel	1	0.1%	26.0	0.0%
Common mineral	1	0.1%	25.8	0.0%
Clay, Common mineral	1	0.1%	21.3	0.0%
Construction materials, Common mineral	1	0.1%	18.6	0.0%

Source: Cadastre Division, MRPAM

1.6. REGISTERED AREA, давхардсан байдлаар, 2023.VI.30, by mln.ha, overlap

	Hectare	Share of total territory
Valid mining licensed area	1.8	1.2%
Valid exploration licensed area	4.6	2.9%
State protected area	33.9	21.7%
Special purpose area	34.4	22.0%
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, 2023.VI.30, by provinces

	Area		Area size	
	Number	Share to total	Hectare	Share to total
TOTAL	235	100%	852.8	100%
Arkhangai	1	0.4%	4.75	0.6%
Bayan-Ulgii	-	-	-	-
Bayankhongor	57	24.3%	152.25	17.9%
Bulgan	19	8.1%	76.72	9.0%
Govi-Altai	1	0.4%	5.71	0.7%
Darkhan Uul	-	-	-	-
Dornogovi	1	0.4%	4.59	0.5%
Dornod	-	-	-	-
Dundgovi	11	4.7%	54.00	6.3%
Uvurkhangai	18	7.7%	36.36	4.3%
Umnugovi	19	8.1%	83.88	9.8%
Selenge	52	22.1%	220.05	25.8%
Tuv	11	4.7%	74.81	8.8%
Ulaanbaatar	5	2.1%	18.96	2.2%
Khovd	4	1.7%	11.25	1.3%
Khentii	36	15.3%	109.42	12.8%

Source: Cadastre Division, MRPAM

1.8. ORIGIN OF LICENSE HOLDERS, 2023.VI.30

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
БҮГД	1698	2653	6,404,823.8	100%
Mongolian entities	1365	2123	4,851,810.9	75.8%
100% foreign entities	242	380	1,251,488.3	19.5%
Joint foreign entities	91	150	301,524.6	4.7%

1.9. ORIGIN OF 100% FOREIGN LICENSE HOLDERS, 2023.VI.30, by countries

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
TOTAL	242	380	1,251,488.3	100%
China	132	166	394,010.48	31.48%
Virgin Islands	25	45	81,976.50	6.55%
Hong Kong	14	29	85,448.66	6.83%
Canada	14	24	255,180.76	20.39%
Singapore	12	49	304,423.42	24.32%
South Korea	11	13	17,780.00	1.42%
Russia	4	4	29,059.86	2.32%
Australia	4	4	321.01	0.03%
Great Britain	3	4	6,038.72	0.48%
Switzerland	2	2	603.89	0.05%
Luxemburg	2	4	2,442.31	0.20%
Holland	2	3	19,929.15	1.59%
Japan	2	6	13,528.21	1.08%
United States of America	2	10	6,620.18	0.53%
Germany	2	3	3,015.13	0.24%
Bulgaria	1	2	8,795.35	0.70%
Russia, China	1	1	136.46	0.01%
Thailand	1	2	2,416.53	0.19%
Seychelles	1	1	3,027.92	0.24%
Virgin Islands, Singapore	1	2	10,503.76	0.84%
Malaysia	1	1	118.15	0.01%
Russia, South Korea	1	1	375.18	0.03%
Australia, China	1	1	1,933.96	0.15%
Ireland, Great Britain	1	1	47.50	0.00%
kazakhstan	1	1	3,700.94	0.30%
Great Britain, China	1	1	54.23	0.00%

Source: Cadastre Division, MRPAM

1.10. ORIGIN OF JOINT FOREIGN LICENSE HOLDERS, 2023.VI.30, by countries

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
TOTAL	91	150	301,524.6	648%
Mongolia, China	38	51	46517.45	100.00%
Mongolia, Singapore	10	25	37022.33	79.59%
Mongolia, South Korea	9	13	26831.01	57.68%
Mongolia, Russia	8	12	3929.05	8.45%
Mongolia, Virgin Islands	5	7	24787.59	53.29%
Mongolia, Japan	5	13	47640.04	102.41%
Mongolia, Hong Kong	2	7	23454.23	50.42%
Mongolia, Germany	2	3	5748.07	12.36%
Mongolia, Czech Republic	2	4	17911.39	38.50%
Mongolia, Kazakhstan	1	1	1789.37	3.85%
Mongolia, Bulgaria	1	3	1083.66	2.33%
Mongolia, Great Britain	1	1	1472.04	3.16%
Mongolia, Canada, China	1	1	6352.79	13.66%
Mongolia, Luxemburg	1	2	10011.16	21.52%
Mongolia, Russia, Ukraine	1	1	46.87	0.10%
Mongolia, Poland	1	1	1561.28	3.36%
Mongolia, Singapore, Hong Kong	1	1	1469.53	3.16%
Mongolia, Hong Kong, Japan	1	3	43809.33	94.18%
Mongolia, Hungary	1	1	87.42	0.19%

Source: Cadastre Division, MRPAM

1.11. PLEDGING LICENSES, 2023.VI.30, by bank and non-bank financial institute

	License		Area	
	Number	Share to total	Hectare	Share to total
TOTAL	230	509%	225,031.4	749.3%
Trade and Development Bank	45	100.00%	29842.89	100.00%
Golomt Bank	25	55.56%	24279.74	81.36%
Development Bank of Mongolia	25	55.56%	18914.84	63.38%
HAAN Bank	23	51.11%	6034.9	20.22%
ABTS NBFi	17	37.78%	28681.71	96.11%
Transport Development bank	12	26.67%	10230.34	34.28%
Capital Bank	9	20.00%	1098.2	3.68%
XAC Bank	7	15.56%	2658.48	8.91%
European Bank for Reconstruction and Development	6	13.33%	2509.48	8.41%
Chinggis Khan Bank	6	13.33%	6471.14	21.68%
Capitron bank	6	13.33%	2409.46	8.07%
Golomt, Saving, Zoos, Anod Banks	6	13.33%	3277.74	10.98%
Anod Bank	3	6.67%	1980.98	6.64%
Bank of China	3	6.67%	871.57	2.92%
GSB capital NBFi	3	6.67%	9884.4	33.12%
Khutult nomgon NBFi	2	4.44%	32711.67	109.61%
Bilegnasan NBFi	2	4.44%	150.31	0.50%
Erel bank	2	4.44%	3014.31	10.10%
National Investment Bank	2	4.44%	789.65	2.65%
Ulaanbaatar City bank	2	4.44%	17131.1	57.40%
First litium Corporation NBFi	2	4.44%	1180.45	3.96%
Great Capital NBFi	2	4.44%	271.73	0.91%
State Bank	2	4.44%	804.98	2.70%
National Investment bank	1	2.22%	275.01	0.92%
Green Fintek NBFi	1	2.22%	148.91	0.50%
Saving bank	1	2.22%	583.36	1.95%
Export-Import Bank of China	1	2.22%	1623.8	5.44%
Ecocapital NBFi	1	2.22%	56.83	0.19%
RUS Finance NBFi	1	2.22%	1773.74	5.94%
Jet finance NBFi	1	2.22%	86.57	0.29%
Mongol Post bank	1	2.22%	227.45	0.76%
Turquoise Finance NBFi	1	2.22%	8489.92	28.45%
Khas Khaan NBFi	1	2.22%	235.57	0.79%
Standard Chartered Bank	1	2.22%	25.75	0.09%
Credit Express NBFi	1	2.22%	178.08	0.60%
Munkh OrshiKh Capital NBFi	1	2.22%	1767.19	5.92%
Kherlen Onon Tuul NBFi	1	2.22%	9.03	0.03%
Achit Capital NBFi	1	2.22%	368.3	1.23%
Gasprom bank	1	2.22%	673.41	2.26%
Construction commercial investment NBFi	1	2.22%	1654.22	5.54%
Bayasakh Sonor NBFi	1	0.43%	1654.22	0.74%

Source: Cadastre Division, MRPAM

1.12. LIST OF LICENSE HOLDERS WITH 10 AND ABOVE LICENSES, 2023. VI.30

No	Name of entity	Number of license	Area size /ha/	Company type	Nationality
1	Mongolrosvetmet	26	15,743.8	mongolian legal entity	Mongolia
2	Mongolyn alt Mak	23	56,979.9	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	Erdenet	13	126,947.7	mongolian legal entity	Mongolia
6	Burdel mining	13	2,344.4	mongolian legal entity	Mongolia
7	Aurum metals	12	51,968.0	mongolian legal entity	Mongolia
8	Saker Resource Mongolia	12	7,139.8	Joint foreign entities	Mongolia, Singapore
9	Khunnu gobi altai	12	2,206.7	mongolian legal entity	Mongolia
11	MoEnCo	10	12,807.4	Entity with 100% foreign investment	Singapore
12	MAK cement	10	3,745.9	mongolian legal entity	Mongolia

1.13. LIST OF LICENSE HOLDERS WITH 100'000 AND ABOVE LICENSED AREA SIZE, 2023. VI.30

No	Name of entity	Number of license	Area size /ha/	Company type	Nationality
1	Tsaina investment mongolia	14	199,514.5	100% foreign invested entity	Singapore
2	Erdenet	13	126,947.7	mongolian legal entity	Mongolia
3	Ion energy	2	111,529.2	100% foreign invested entity	Canada

Source: Cadastre Division, MRPAM

1.14. RECEIVED APPLICATION, 2019-2023, by application type

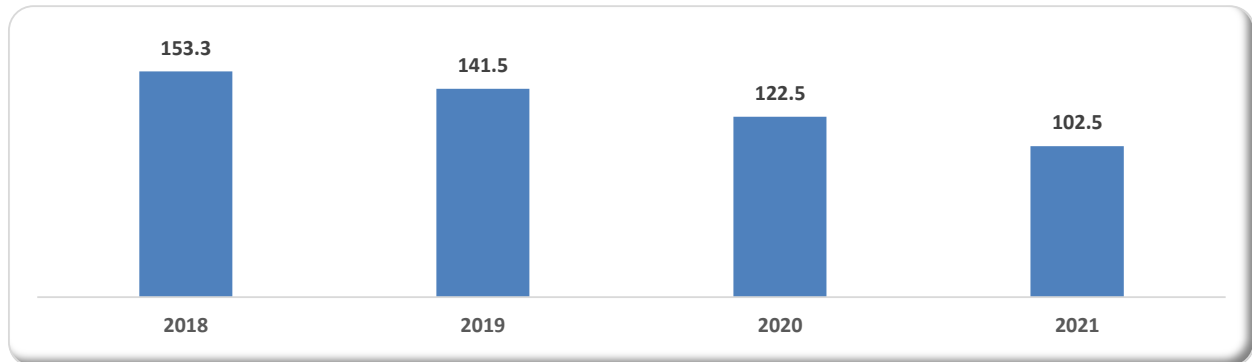
	2019	2020	2021	2022	2023-VI
TOTAL	698	502	943	600	452
New license	218	253	463	247	351
Mining	73	87	47	29	7
Exploration	0	0	0	0	0
Tender	145	166	416	218	344
Extension	273	75	337	224	42
Mining	0	0	1	2	11
Exploration	273	75	336	222	31
Transfer	72	80	76	66	34
Mining	24	32	19	14	8
Exploration	48	48	57	52	26
Pledge	25	28	38	25	9
Mining	24	28	34	22	9
Exploration	1	0	4	3	0
Surrender	110	66	29	38	16
Mining	12	16	6	13	6
Exploration	98	50	23	25	10

1.15. CHANGES IN LICENSE REGISTRATION, 2019-2023, by license type

	2019	2020	2021	2022	2023-VI
New license	130	90	163	93	130
Mining	59	55	54	36	6
Exploration	0	8	0	7	0
Tender	71	27	109	50	124
Surrendered	93	71	26	34	14
Mining	11	16	4	12	3
Exploration	82	55	22	22	11
Canceled	189	140	75	45	15
Mining	70	52	30	20	6
Exploration	119	88	45	25	9
Expired	209	133	120	100	8
Transferred	71	83	74	63	35
Mining	24	35	16	16	8
Exploration	47	48	58	47	27
Extended	300	68	246	291	35
Pledged	23	27	38	22	11
Mining	23	27	34	20	10
Exploration	0	0	4	2	1
Terminated pledges	31	28	16	23	18
Mining	30	28	16	22	18
Exploration	1	0	0	1	0
Re-issue of license documents	27	17	11	6	6
Mining	14	11	5	4	4
Exploration	13	6	6	2	2

Source: Cadastre Division, MRPAM

2.1. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, 2018-2021 (2022.X.01)



2.2. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, 2020-2021 (2022.X.01), by million MNT and type work

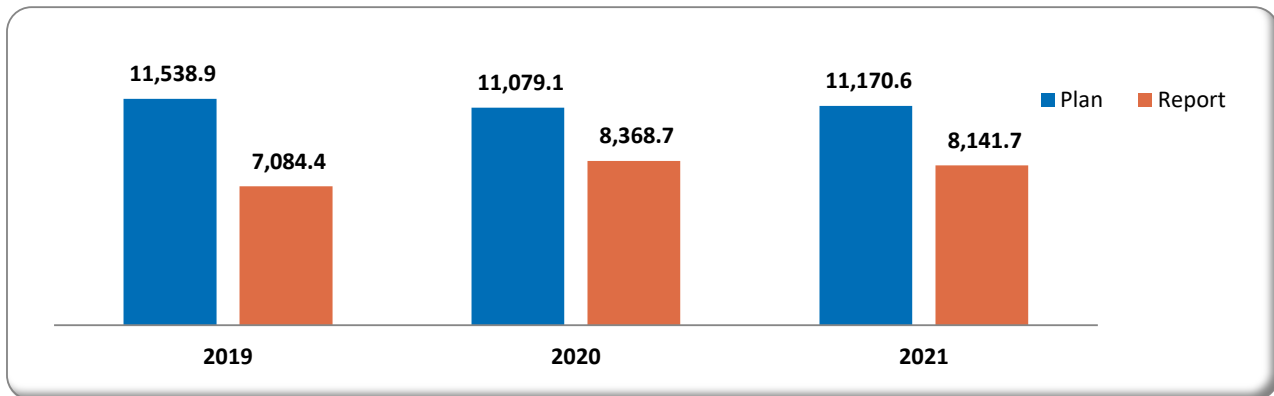
	2020		2021	
	Total amount	Share to total	Total amount	Share to total
TOTAL	122,517.4	100%	102,519.5	100%
Preparation	2,622.5	2.1%	2,827.9	2.8%
Mapping	2,003.8	1.6%	1,581.6	1.5%
Geological survey	1,590.3	1.3%	1,325.4	1.3%
Sampling	875.8	0.7%	1,069.3	1.0%
Geophysical work	6,660.0	5.4%	3,625.7	3.5%
Mining	10,403.5	8.5%	1,219.2	1.2%
Drilling	64,405.0	52.6%	63,058.3	61.5%
Indoor, laboratory investigation	7,068.6	5.8%	3,247.7	3.2%
Laboratory	11,068.0	9.0%	6,811.3	6.6%
Transport	2,300.0	1.9%	3,017.3	2.9%
Topogeodetic work	3,491.7	2.8%	885.6	0.9%
Hydrogeological work	1,048.0	0.9%	992.0	1.0%
Geoecological survey	1,081.7	0.9%	69.7	0.1%
Archeology	570.7	0.5%	354.5	0.3%
Environment reclamation	380.5	0.3%	517.3	0.5%
Field sampling	319.5	0.3%	5,130.4	5.0%
Assume expenses	6,231.9	5.1%	544.4	0.5%
Other	396.0	0.3%	6,241.9	6.1%

Source: Geology and Exploration Division, MRPAM

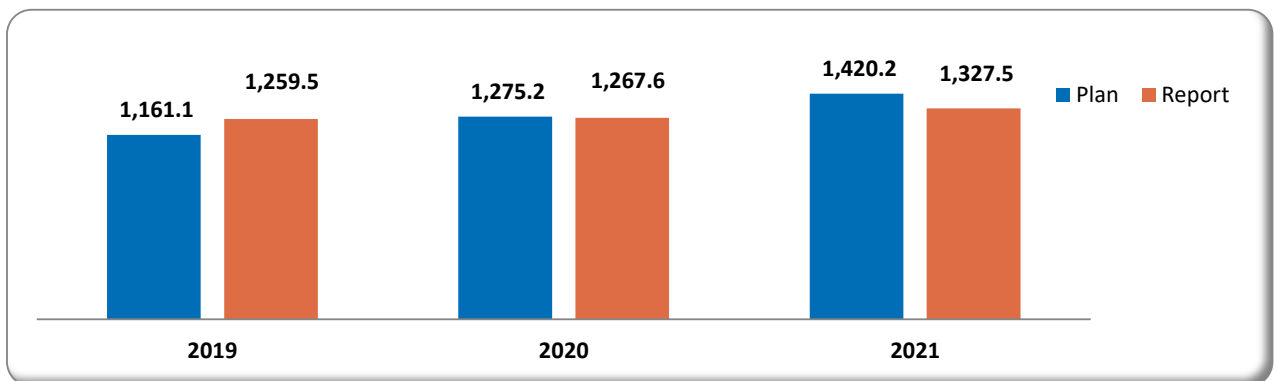
3.1. MINERAL MINING ACTIVITY PLAN AND REPORT OFFICIAL STATUS, 2018-2022, (2023.I.05)

	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%	277	231	83.4%
2022	505	448	88.7%	-	-	-

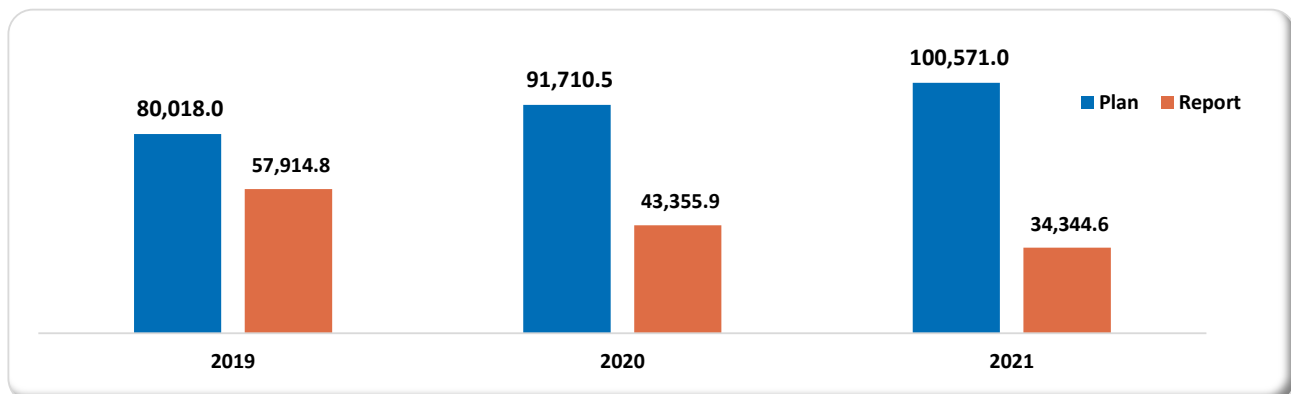
3.2. GOLD PRODUCTION, 2019-2021, (2023.I.12), by kg, mined from hard rock and placer deposits



3.3. COPPER CONCENTRATE PRODUCTION, 2019-2021, (2023.I.12), by ths.tons



3.4. COAL PRODUCTION, 2019-2021, (2022.XII.06), by ths tons



Source: Mining Division, MRPAM

3.5. MINERAL PRODUCTION, 2021-2022 (2023.III.03), by mineral type

	Unit of measurement	2020*		2021*	
		Plan	Report	Plan	Report
Gold (Total)	kg	15,888.9	14,511.1	46,146.6	22,954.5
Gold (Amount of gold that accompanies the concentrate)	kg	4,809.8	6,142.3	34,975.9	14,812.8
Gold (Total amount of gold to be mined from hard rock and placer deposits)	kg	11,079.1	8,368.7	11,170.6	8,141.7
Gold (Amount of gold to be extracted from the hard rock)	kg	4,698.1	3,036.0	4,793.5	3,166.6
Gold (Amount of gold to be mined from placer deposits)	kg	6,381.0	5,332.7	6,377.1	4,975.2
Building materials					
Lime	ths.tons	245.6	48.1	125.7	50.3
Limestone	ths.tons	1,187.7	310.2	1,360.7	506.2
Clinker	ths.tons	814.0	-	26.6	-
Cement	ths.tons	869.2	1,557.0	1,950.0	1,434.9
Mineral powder	ths.tons	-	-	31.0	-
Crystal	ths.tons	61.8	-	6.1	-
Marble	ths.tons	252.9	2.6	256.8	-
Gypsum	ths.tons	166.6	97.9	173.5	111.4
Tungsten	tons	621.7	12.5	1,628.9	-
Copper concentrate	ths.tons	1,275.2	1,267.6	1,420.2	1,327.5
Copper (Cathode)	tons	10.0	7.6	7.8	7.8
Manganese	ths.tons	129.1	-	208.7	-
Molybdenum concentrate	ths.tons	4.7	6.0	5.0	6.3
Silver	-	-	-	-	-
Silver bullion (oblong)	kg	12,761.9	2,946.0	9,890.7	2,471.6
Silver concentrate	ths.tons	194.6	201.5	7.8	3.3
Silver ore	ths.tons	-	-	-	127.3
Amount of silver accompanying the concentrate	kg	65,000.1	27,478.3	73,329.3	76,563.4
Iron	ths.tons	15,220.5	10,090.0	15,166.9	8,418.1
Whole iron concentrate	ths.tons	5,087.5	3,077.0	5,162.5	4,250.7
Iron powder concentrate	ths.tons	6,769.2	2,444.6	7,308.4	2,925.1
Iron ore	ths.tons	3,260.9	2,900.5	1,002.0	1,781.9
Powdered iron ore	ths.tons	103.0	1,668.0	1,694.0	704.8
Uranium Yellow powder	tons	31.4	3.9	29.8	11.2
Amount of uranium in yellow powder	tons	16,450.0	1.3	11.1	4.2
Fluorite	ths.tons	2,207.4	496.1	2,200.7	458.3
Fluorite concentrate AG-97	ths.tons	129.0	14.9	211.5	38.1
Fluorite concentrate AG-95	ths.tons	120.9	51.8	91.4	31.1
Gravitational fluorite МГФ 55-85	ths.tons	-	-	-	8.6
Whole fluorite MG-92	ths.tons	28.2	4.8	46.7	6.0
Whole fluorite MG-85	ths.tons	30.0	1.6	81.9	0.1
Whole fluorite MG-80	ths.tons	12.7	1.8	5.3	0.2
Whole fluorite MG-75	ths.tons	199.9	42.7	222.9	29.8
Whole fluorite MG-65	ths.tons	6.2	32.7	9.5	33.9
Fluorite ore ФП	ths.tons	1,680.4	345.8	1,531.7	310.5
Blue lead	ths.tons	16.4	26.0	17.2	20.7
Polishing stone	ths.tons	-	-	26.8	555.5
Tin	tons	-	-	78.2	-
Zinc	ths.tons	129.6	127.9	112.9	112.4
Zeolite	ths.tons	105.2	-	-	-
Coal production	ths.tons	91,710.5	43,355.9	100,571.0	34,344.6

*-Based on data from the 2021 Mining Report for Minerals other than Common Minerals.

Source: Mining Division, MRPAM

3.6. REHABILITATION WORK BY MINING LICENSE HOLDERS, 2018-2021 (2023.1.05)*

	Unit	2018	2019	2020	2021*
Area covered by mining	ha	7,837.9	7,078.9	8,434.6	3154.9
Area covered by technical rehabilitation	ha	1,767.3	1,927.6	2,069.6	753.7
Of which: External stockpile	ha	1,018.4	1,198.2	1,548.0	251.8
Internal stockpile	ha	748.9	729.8	521.7	502.0
Area covered by biological rehabilitation	ha	790.5	704.8	623.6	596.3
Area of abusive protection rehabilitation	ha	17,459.3	19,144.3	236.6	124,231.8
Area of remodeling the mine and rehabilitation of the village	ha	62.3	57.1	50.5	49.12
Expenses for rehabilitation	bln.MNT	22.2	28.7	21.3	38.1
Environmental expenses	bln.MNT	10.8	15.8	16.8	8.8

3.7. AREA COVERED BY MINING AND REHABILITATION AREA IN 2021, (2023.1.05)* 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	217	3,207.6	100%	754.6	100%	444.3	100%
Arkhangai	1	6.6	0.2%	5.6	0.7%	26.0	5.9%
Bayan-Ulgii	1	1.3	0.0%	0.0	0.0%	0.0	0.0%
Bayankhongor	11	27.8	0.9%	34.4	4.6%	1.6	0.4%
Bulgan	12	124.6	3.9%	50.1	6.6%	87.8	19.8%
Govi-Altai	5	14.1	0.4%	0.0	0.0%	0.0	0.0%
Gobisumber	3	6.3	0.2%	5.4	0.7%	7.6	1.7%
Darkhan Uul	12	13.2	0.4%	69.4	9.2%	17.2	3.9%
Dornogovi	22	407.7	12.7%	33.8	4.5%	6.1	1.4%
Dornod	11	26.9	0.8%	36.0	4.8%	24.3	5.5%
Dundgovi	19	52.0	1.6%	14.2	1.9%	2.3	0.5%
Zavkhan	2	13.7	0.4%	13.3	1.8%	10.3	2.3%
Orkhon	2	22.3	0.7%	0.0	0.0%	5.5	1.2%
Uvurkhangai	5	15.0	0.5%	22.8	3.0%	15.2	3.4%
Umnugovi	18	1,725.5	53.8%	36.4	4.8%	25.2	5.7%
Sukhbaatar	15	51.3	1.6%	63.4	8.4%	4.8	1.1%
Selenge	16	224.0	7.0%	56.2	7.4%	38.0	8.6%
Tuv	38	357.9	11.2%	304.5	40.3%	168.1	37.8%
Uvs	4	8.3	0.3%	1.3	0.2%	0.6	0.1%
Ulaanbaatar	1	0.0	0.0%	0.0	0.0%	0.5	0.1%
Khovd	3	93.1	2.9%	0.0	0.0%	1.1	0.2%
Khentii	16	16.1	0.5%	7.9	1.0%	2.0	0.5%

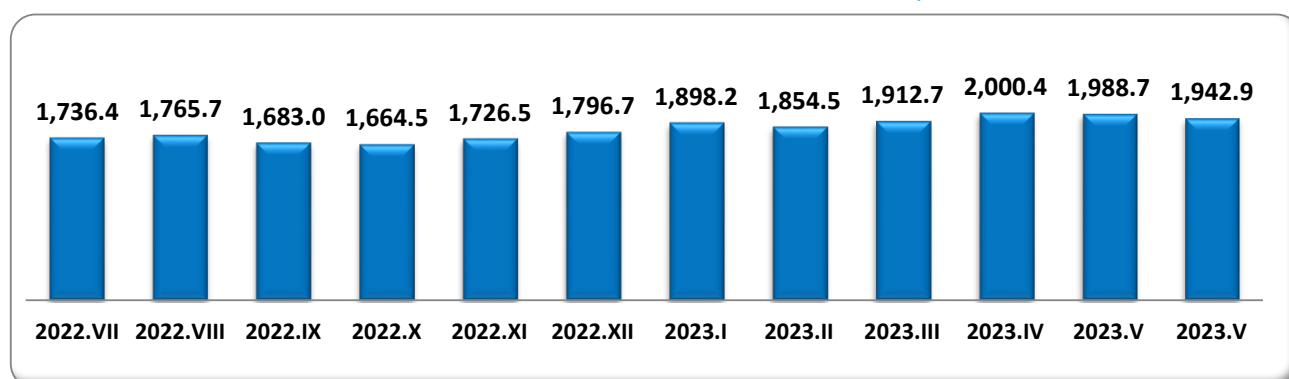
Based on data from the 2021 Mining Report for Minerals Other than Common Minerals.

Source: Mining Division, MRPAM

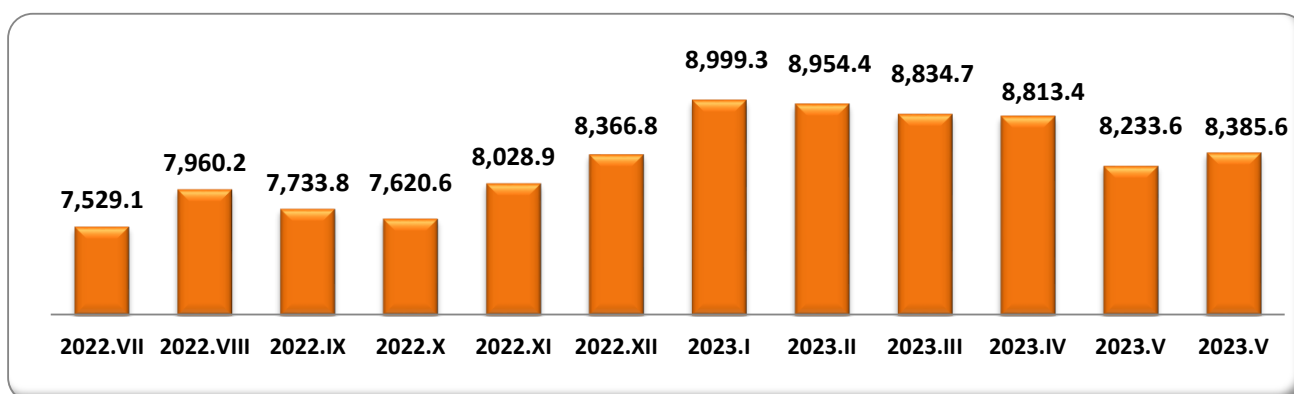
3.8. AVERAGE PRICES OF MINERALS ON THE WORLD MARKET, 2022-2023

	Unit of measurement	2022	2023.V	2023.VI	2023.VI 2022	2023.VI 2023.W
Gold	\$/ounce	1,800.8	1,988.7	1,942.9	107.9%	97.7%
Silver	\$/ounce	21.8	24.2	23.4	107.6%	96.6%
Copper	\$/tons	8,813.9	8,233.6	8,385.6	95.1%	101.8%
Zinc	\$/tons	3,484.4	2,477.1	2,367.6	67.9%	95.6%
Blue lead	\$/tons	2,152.7	2,086.8	2,117.6	98.4%	101.5%
Tin	\$/tons	31,361.9	25,586.1	27,243.3	86.9%	106.5%
Molybdenum	\$/tons	41,135.5	46,718.1	49,138.0	119.5%	105.2%
Manganese 36%	\$/tons	191.1	164.2	157.5	82.4%	96.0%
Tungsten, 99%	\$/tons	43,093.3	41,661.9	41,776.2	96.9%	100.3%
Tungsten, 65%	\$/tons	16,903.8	17,237.0	16,859.7	99.7%	97.8%
Iron ore 56%	\$/tons	83.7	76.8	81.6	97.6%	106.3%
Iron ore 60% concentrate	\$/tons	106.8	92.0	100.6	94.2%	109.3%
Fluorite concentrate AG-97	\$/tons	367.1	415.0	415.0	113.1%	100.0%
Fluorite ore MG-85	\$/tons	345.4	355.0	355.0	102.8%	100.0%
Uranium	\$/kg	109.8	120.3	123.7	112.6%	102.8%

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

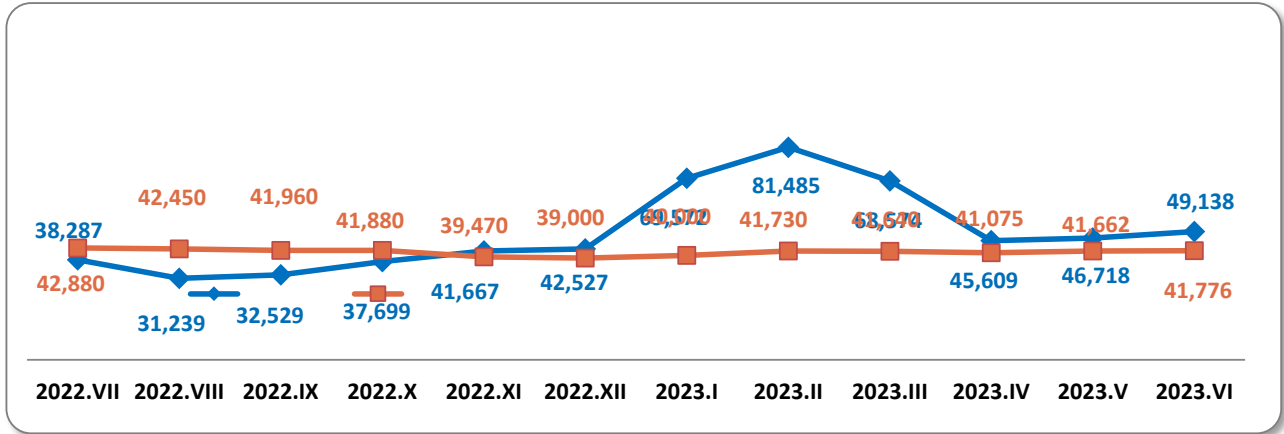


3.10. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, in last 12 months, by US\$/tons

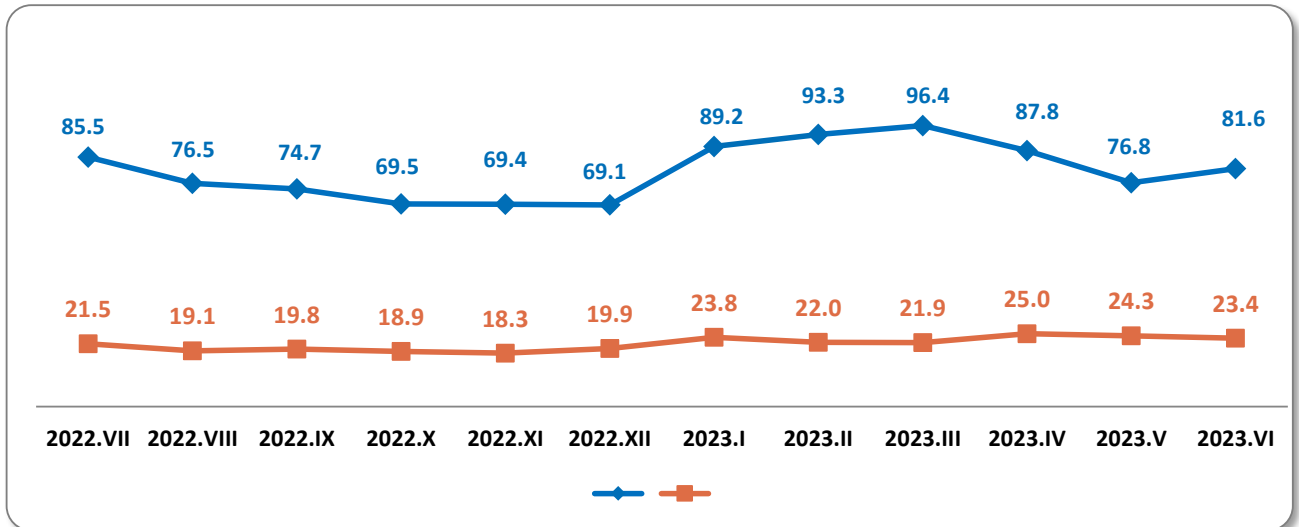


Source: www.kitco.com, www.westmetall.com, www.lme.com, www.asianmetal.com, www.lndmin.com, www.umetal.com, www.sxcoal.com

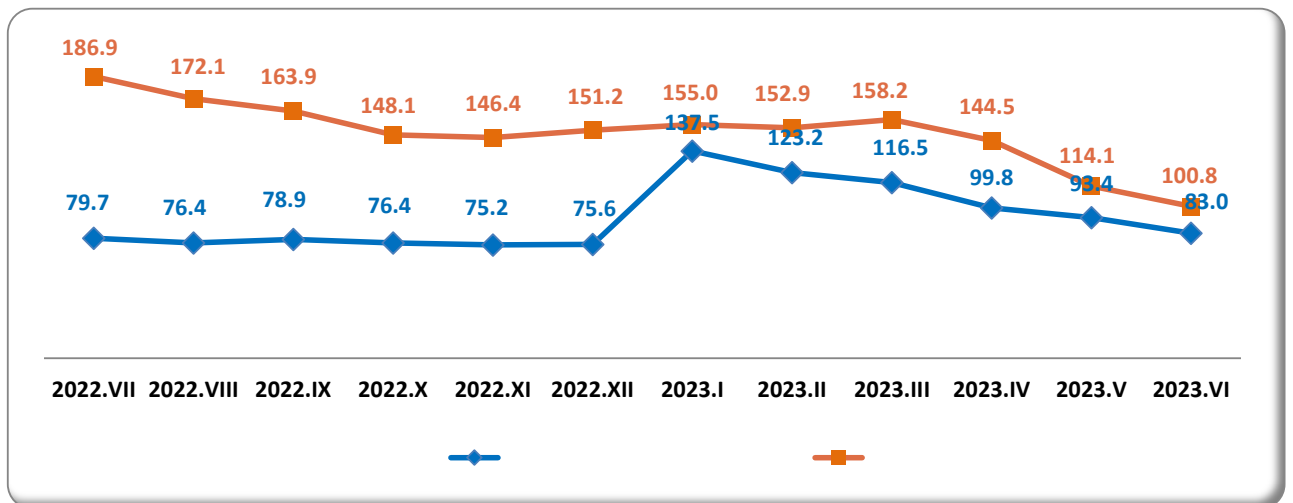
3.11. AVERAGE PRICE OF TIN, MOLYBDENUM AND TUNGSTEN ON THE WORLD MARKET, in last 12 months, by US\$/tons



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\$/ton



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, 2021-2023

	Stock exchange	Symbol	Currency	Average price						Market value /2023.VII.04/
				2021	2022	2023.V	2023.VI	2022 2021	2023.VI 2023.V	
Peabody Energy Corporation	NYQ	BTU	USD	8.74	22.87	21.39	20.31	38.2%	95.0%	3.179B
Rio Tinto plc	LSE	RIO.L	GBP	5,599.4	5308.8	4,909.4	5,103.9	105.5%	104.0%	84.803B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	1.03	1.18	0.91	0.85	87.3%	93.4%	144.857M
Mongolian Mining Corporation	HKG	0975.HK	HKD	2.29	2.20	2.48	1.96	104.1%	79.0%	2.075B
South Gobi Resources Ltd.	HKG	1878.HK	HKD	1.32	1.23	0.96	0.84	107.3%	87.5%	230.277M
Centerra Gold Inc.	TOR	CG.TO	CAD	10.6	8.89	8.12	7.97	119.2%	98.2%	1.737B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.4	0.35	0.36	0.37	114.3%	102.8%	127.428M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.8	0.93	1.25	1.19	86.0%	95.2%	225.64M
Silver Elephant Mining Corp.	TOR	ELEF.TO	CAD	0.33	0.91	0.42	0.36	36.3%	85.7%	10.267M
Steppe Gold Ltd	TOR	STGO.TO	CAD	1.82	1.20	1.00	0.89	151.7%	89.0%	71.841M
Kincora Copper Limited	VAN	KCC.V	CAD	0.21	0.08	0.07	0.05	262.5%	71.4%	7.496M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.148	0.09	0.08	0.09	164.4%	112.5%	11.399M
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.07	0.03	0.05	0.07	233.3%	140.0%	149.042M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.086	0.09	0.06	0.06	95.6%	100.0%	38.692M
Haranga Resources Limited	ASX	HAR.AX	AUD	-	0.18	0.11	0.11	-	100.0%	7.816M
Tian Poh Resources Limited	ASX	TPO.AX	AUD	0.038	0.04			95.0%	-	-
TerraCom Limited	ASX	TER.AX	AUD	0.14	0.69	0.59	0.45	20.3%	76.3%	384.464M
Viking Mines Limited	ASX	VKA.AX	AUD	0.03	0.01	0.01	0.01	300.0%	100.0%	12.303M
Banpu Public Company Limited	SET	BANPU.BK	THB	11.83	12.41	8.35	8.78	95.3%	105.1%	76.51B
Petro Matad Limited	LSE	MATD.L	GBP	3.89	3.03	5.77	4.12	128.4%	71.4%	45.227M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	-	-	-	-	-	-	-
Elixir Energy Limited	ASX	EXR.AX	AUD	0.26	0.16	0.12	0.09	162.5%	75.0%	74.82M
Aranjin resources Limited	TSXV	ARJN.V	CAD		0.03	0.02	0.02	0.0%	100.0%	5.438M
Ion Energy Limited	TSXV	ION.V	CAD		0.27	0.30	0.23	0.0%	76.7%	13.532M
TMK Energy Limited	ASX	TMK.AX	AUD		0.02	0.01	0.01	0.0%	100.0%	70.248M
Jade Gas Holdings Limited	ASX	JGH.AX	AUD		0.06	0.05	0.04	0.0%	80.0%	64.617M

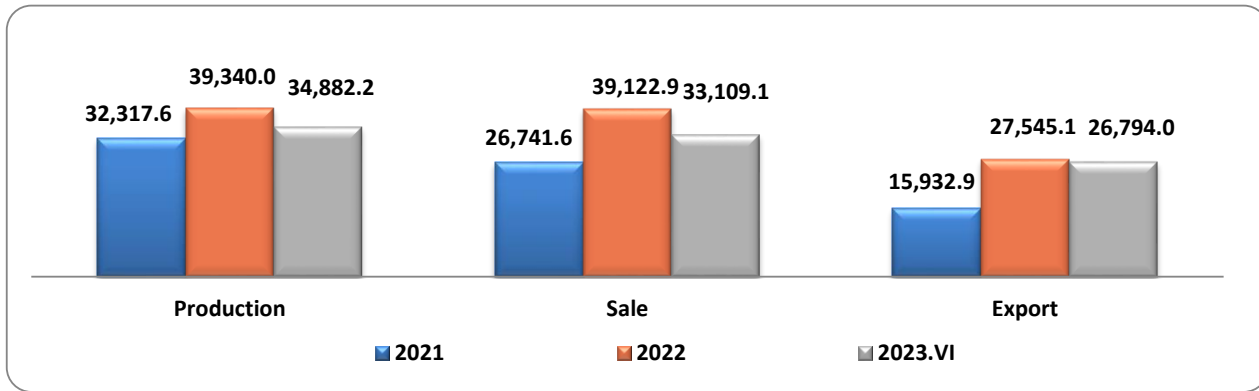
Source: www.nyse.com, www.londonstockexchange.com, www.hkex.com.hk, www.tmx.com, www.tsx.com, www.asx.com.au,

3.15. LIST OF COMPANIES REGISTERED WITH INTERNATIONAL STOCK EXCHANGE COMPANIES OPERATING IN MONGOLIA'S MINING SECTOR, 2021-2023

	Symbol	Average price					
		2021	2022	2023.V	2023.VI	<u>2022</u> 2021	<u>2023.VI</u> 2023.V
Tavantolgoi	TTL	7,328.4	7513.07	11023.9	10931.9	97.5%	99.2%
Baganuur	BAN	1,021.9	963.85	961.47	930.2	94.3%	96.7%
Shivee-Ovoo	SHV	1,580.3	1606.89	1426.3	1483.0	101.7%	104.0%
Aduunchuluun	ADL	805.1	809.45	657.32	621.01	100.5%	94.5%
Shariin Gol	SHG	833.1	674.41	466.72	584.28	81.0%	125.2%
Erdene Resource Development Corporation	ERDN	840.1	820.24	910.19	906.76	97.6%	99.6%
Mogoin gol	BDL	8,195.8	9092.74	17325	15280	110.9%	88.2%
Bayanteeg	BTG	20,764.3	22125	20900	20000	106.6%	-
Berkh-Uul	BEU	1,168.7	1161.17	1612.5	1481.75	99.4%	91.9%
Khar Tarvagatai	TVT	2,398.1	3919.47	-	4600.0	163.4%	-
Taliin Gal	TAL	-	-	-	-	-	-
Mongol Basalt	MBW	163.6	207.06	210.36	206.93	126.5%	98.4%
Mongol Ceramic	KEK	15,557.5	5044.39	-	1530	32.4%	-
Silikat	SIL	31.4	30.78	26.04	28.5	98.0%	109.4%
Sonsgolon barmat	SSG	1,572.8	1299.17	1100	1525	82.6%	-
Remicon	RMC	23.3	23.5	34.15	34.65	101.0%	101.5%
Arig Tal	EER	2,309.9	2794.54	2960.2	2827.5	121.0%	95.5%
Niislel-Urguu	NUR	1,959.8	-	-	-	-	-
Erchim Bayan-Ulgii	BOE	1,784.9	2750.49	3795	-	154.1%	-
Khukh Gan	HGN	62.9	53.95	72.21	68.5	85.8%	94.9%
Nako Tulsh	NKT	15.2	-	-	-	-	-

Source: www.mse.mn

3.16. COAL PRODUCTION, SALE AND EXPORT, 2021-2023.V, by ths.tons



3.17. COAL PRODUCTION, SALE AND EXPORT, 2022-2023, by ths.tons

	Production	Sale	Export
2022	39,340.0	39,122.9	27,545.1
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
2022.VIII	3,601.9	3,821.1	3,083.2
2022.IX	4,249.4	4,941.4	3,849.9
2022.X	5,128.2	5,295.3	3,954.4
2022.XI	5,417.9	5,530.4	4,181.5
2022.XII	6,403.4	6,294.0	4,844.2
2023	34,882.2	33,109.1	26,794.0
2023.I	5,579.1	5,759.1	4,282.4
2023.II	4,777.0	5,453.8	4,204.4
2023.III	6,592.1	6,653.2	5,430.4
2023.IV	5,791.2	5,569.0	4,611.0
2023.V	5,947.7	4,894.6	4,152.0
2023.VI	6,195.1	4,779.4	4,113.8
2023.VII			
2023.VIII			
2023.IX			
2023.X			
2023.XI			
2023.XII			
<u>2023.VI</u> <u>2022.VI</u>	290.9%	209.0%	234.1%
<u>2023</u> <u>2022</u>	88.7%	84.6%	97.3%

Source: Mining Division, MRPAM

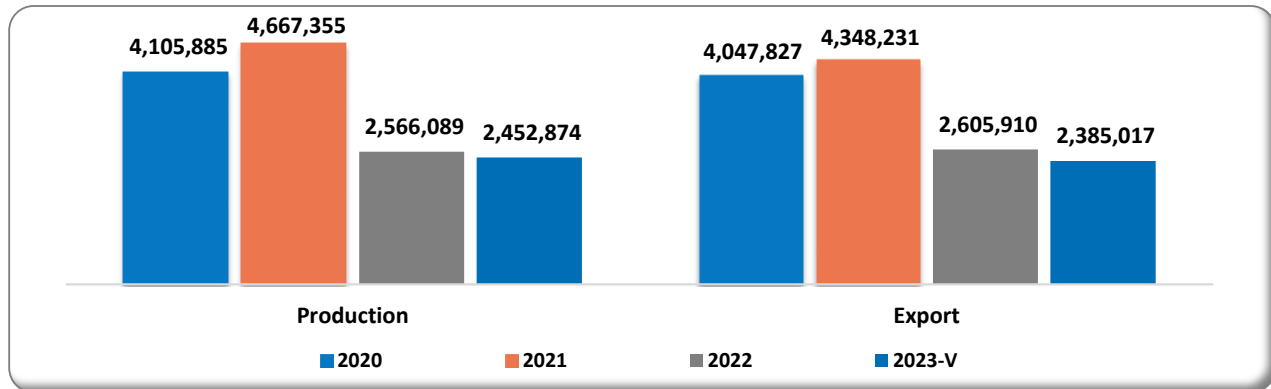
3.18. AVERAGE QUALITY OF EXPORTED COAL, 2022.XI

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	Khangai	Ikh govi Energy	-	-	-	-	-	-
Raw coal	<i>Coal</i>								
	Coking	Khangai	Erdenes tavan tolgoi	87.6	27.6	16.8	1.0	2.6	6815
		Gahsuun sukhait	Erdenes tavan tolgoi	85.3	28.1	17.6	1.0	2.1	6519
	Tavan tolgoi		-	-	-	-	-	-	-
	Weak coking	Khangai	Dadiin khar tolgoi	-	-	-	-	-	-
		Gahsuun sukhait	Tavan tolgoi	-	-	-	-	-	-
		Zamiin uud	Mogoin gol	-	-	-	-	-	-
		Shivee Khuren	Baruun Noyon	-	-	-	-	-	-
	Khuren shand		-	-	-	-	-	-	
	Non coking	Khangai	-	-	-	-	-	-	-
		Gahsuun sukhait	Erdenes tavan tolgoi	0.0	30.7	20.9	0.7	7.1	5564
		Shivee Khuren	Khuren shand	-	-	-	-	-	-
			Baruun Noyon	-	-	-	-	-	-
	MAK	-	-	-	-	-	-	-	
	<i>Washed coal</i>								
	Coking	Gahsuun sukhait	Ukhaa Khudag	-	-	-	-	-	-
		Khangai	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, 2019-2023, by barrel



4.2. PETROLEUM PRODUCTION AND EXPORT, 2022-2023, by barrel

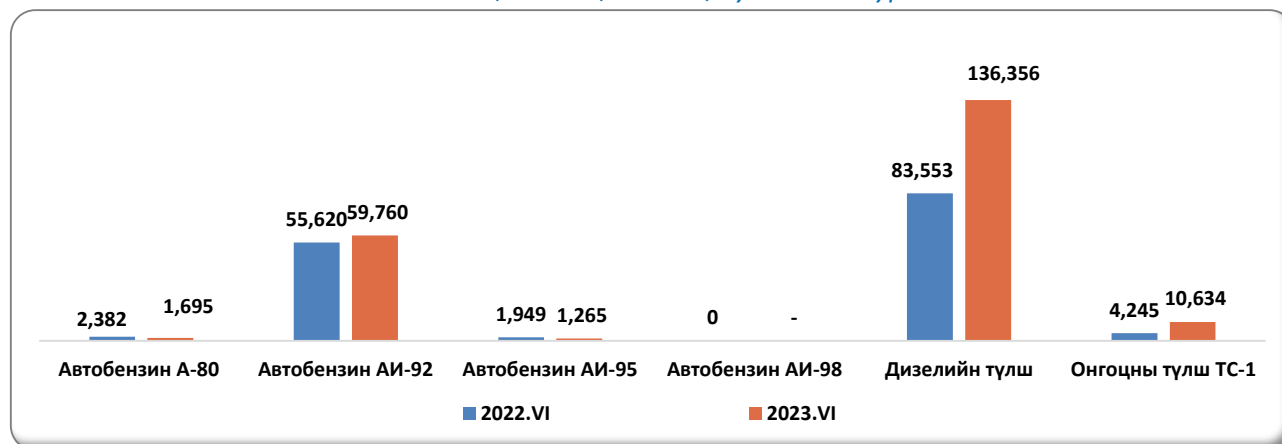
	Production		Export	
	Barrel	Share to total	Barrel	Share to total
2022	2,566,089	100.0%	2,605,910	100.0%
2022.I	17,544	0.68%	-	-
2022.II	9,921	0.39%	-	-
2022.III	9,257	0.36%	-	-
2022.IV	1,001	0.04%	-	-
2022.V	1,290	0.05%	-	-
2022.VI	38,184	1.49%	114,102	4.4%
2022.VII	351,008	13.68%	359,232	13.8%
2022.VIII	457,301	17.82%	492,619	18.9%
2022.IX	424,986	16.56%	428,311	16.4%
2022.X	417,283	16.26%	364,645	14.0%
2022.XI	410,196	15.99%	432,823	16.6%
2022.XII	428,119	16.68%	414,179	15.9%
2023	2,452,874	100.0%	2,385,017	100.0%
2023.I	430,646	17.56%	393,310	16.5%
2023.II	372,459	15.18%	368,359	15.4%
2023.III	402,971	16.43%	418,535	17.5%
2023.IV	404,419	16.49%	394,184	16.5%
2023.V	427,321	17.42%	415,226	17.4%
2023.VI	415,058	16.92%	395,403	16.6%
2023.VII	0	0.0%	0	0.0%
2023.VIII	0	0.0%	0	0.0%
2023.IX	0	0.0%	0	0.0%
2023.X	0	0.0%	0	0.0%
2023.XI	0	0.0%	0	0.0%
2023.XII	0	0.0%	0	0.0%
2023.VI 2023.V	103.0%	103.0%	105.0%	105.0%
2023 2022	95.6%	100.0%	91.5%	100.0%

Source: Petroleum Exploitation Division, MRPAM

4.3. PETROLEUM PRODUCTS IMPORTING, 2021-2023, 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
2022	1,875,343	32,514	616,611	22,462	183	962,468	56,949	43,376	140,781
2022.I	139,456	1,229	39,498	1,769	0	83,809	1,805	2,030	9,317
2022.II	138,921	4,187	63,713	1,244	0	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	0	83,553	4,245	3,850	17,178
2022.VI	187,104	4,036	48,840	2,075	0	98,140	6,807	3,237	23,969
2022.VII	136,573	741	51,376	1,271	0	66,379	1,901	2,990	11,915
2022.VIII	166,937	6,911	44,534	1,559	0	90,955	4,277	9,289	9,413
2022.IX	153,678	1,292	40,452	1,209	0	79,785	8,062	2,058	20,821
2022.X	164,335	932	62,672	2,008	0	85,633	3,579	1,598	7,913
2022.XI	175,240	2,891	73,324	905	0	83,260	6,915	4,414	3,531
2022.XII	192,488	840	52,053	1,205	0	116,402	3,915	4,299	13,772
2023	1,146,447	11,743	328,017	8,937	0	646,413	47,455	22,407	81,475
2023.I	168,935	2,351	29,391	2,104	0	122,435	6,065	3,038	3,551
2023.II	153,583	1,440	61,738	1,463	0	71,540	9,242	4,172	3,988
2023.III	179,102	2,474	54,079	2,012	0	96,881	8,117	3,302	12,237
2023.IV	192,367	1,032	57,674	486	0	104,563	5,020	2,959	20,633
2023.V	233,854	1,695	59,760	1,265	0	136,356	10,634	6,152	17,992
2023.VI	218,606	2,751	65,375	1,607	0	114,638	8,377	2,784	23,074
2023.VII	0	0	0	0	0	0	0	0	0
2023.VIII	0	0	0	0	0	0	0	0	0
2023.IX	0	0	0	0	0	0	0	0	0
2023.X	0	0	0	0	0	0	0	0	0
2023.XI	0	0	0	0	0	0	0	0	0
2023.XII	0	0	0	0	0	0	0	0	0
2023.VI 2022.VI	116.8%	68.2%	133.9%	77.4%	0.0%	116.8%	123.1%	86.0%	96.3%
2023 2022	61.1%	36.1%	53.2%	39.8%	0.0%	67.2%	83.3%	51.7%	57.9%

4.4. RESIDUE OF PETROLEUM PRODUCTS, 2022.VI, 2023.VI, by tons and type



Source: Petroleum Products Division, MRPAM

4.5. THE WORLD AVERAGE PRICE OF PETROLEUM PRODUCTS ARE SELLING RETAIL SALE, by last 12 months, by US\$/tons 2022.2023

	New York / WTI		London / BRENT	
	Price	Change (compared to previous 7 days)	Price	Change (compared to previous 7 days)
2022/07/05	110.14	↓ -1.08%	113.31	↓ -2.18%
2022/07/19	98.59	↓ -10.49%	105.39	↓ -6.99%
2022/07/26	98.27	↓ -0.32%	101.95	↓ -3.26%
2022/08/02	94.28	↓ -4.06%	100.38	↓ -1.54%
2022/08/09	92.11	↓ -2.30%	98.16	↓ -2.21%
2022/08/16	88.59	↓ -3.82%	93.96	↓ -4.28%
2022/08/23	91.97	↑ 3.82%	97.86	↑ 4.15%
2022/08/30	96.94	↑ 5.40%	102.64	↑ 4.88%
2022/09/06	89.03	↓ -8.16%	95.44	↓ -7.01%
2022/09/13	88.05	↓ -1.10%	94.03	↓ -1.48%
2022/09/20	85.15	↓ -3.29%	91.81	↓ -2.36%
2022/09/27	76.86	↓ -9.74%	83.04	↓ -9.55%
2022/10/04	83.44	↑ 8.56%	88.70	↑ 6.82%
2022/10/11	91.06	↑ 9.13%	96.22	↑ 8.48%
2022/10/18	84.84	↓ -6.83%	91.98	↓ -4.41%
2022/10/25	84.92	↑ 0.09%	91.56	↓ -0.46%
2022/11/01	87.06	↑ 2.52%	94.83	↑ 3.57%
2022/11/08	91.96	↑ 5.63%	97.94	↑ 3.28%
2022/11/15	85.64	↓ -6.87%	93.22	↓ -4.82%
2022/11/22	80.17	↓ -6.39%	87.82	↓ -5.79%
2022/11/29	77.22	↓ -3.68%	84.05	↓ -4.29%
2022/12/06	77.39	↑ 0.22%	83.01	↓ -1.24%
2022/12/13	73.75	↓ -4.70%	78.53	↓ -5.40%
2022/12/20	75.87	↑ 2.87%	80.10	↑ 2.00%
2022/12/27	80.02	↑ 5.47%	84.98	↑ 6.09%
2023/01/03	80.45	↑ 0.54%	86.00	↑ 1.20%
2023/01/10	74.62	↓ -7.25%	79.80	↓ -7.21%
2023/01/17	79.04	↑ 5.92%	84.15	↑ 5.45%
2023/01/24	81.62	↑ 3.26%	88.15	↑ 4.75%
2023/01/31	77.94	↓ -4.51%	84.64	↓ -3.98%
2023/02/07	74.44	↓ -4.49%	81.40	↓ -3.83%
2023/02/14	79.16	↑ 6.34%	85.78	↑ 5.38%
2023/02/20	76.60	↓ -3.23%	83.14	↓ -3.08%
2023/02/28	75.78	↓ -1.07%	82.06	↓ -1.30%
2023/03/07	80.50	↑ 6.23%	86.25	↑ 5.11%
2023/03/14	74.55	↓ -7.39%	80.54	↓ -6.62%
2023/03/21	67.95	↓ -8.85%	74.01	↓ -8.11%
2023/03/28	72.97	↑ 7.39%	77.83	↑ 5.16%
2023/04/04	80.49	↑ 10.31%	84.91	↑ 9.10%
2023/04/11	79.90	↓ -0.73%	84.28	↓ -0.74%
2023/04/18	80.80	↑ 1.13%	84.69	↑ 0.49%
2023/04/25	78.54	↓ -2.80%	82.49	↓ -2.60%
2023/05/02	75.67	↓ -3.65%	79.31	↓ -3.86%
2023/05/09	72.91	↓ -3.65%	76.70	↓ -3.29%
2023/05/16	71.34	↓ -2.15%	75.49	↓ -1.58%
2023/05/23	72.34	↑ 1.40%	75.94	↑ 0.60%
2023/05/30	72.95	↑ 0.84%	77.12	↑ 1.55%
2023/06/06	71.89	↓ -1.45%	76.48	↓ -0.83%
2023/06/13	67.28	↓ -6.41%	72.08	↓ -5.75%
2023/06/20	71.34	↑ 6.03%	76.11	↑ 5.59%
2023/06/27	69.44	↓ -2.66%	74.39	↓ -2.26%

4.6.RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, 2022.VI.30, 2023.VI.30 by MNT/litre, provinces,

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2022.VI.30	2023.VI.30	2023.VI.30 2022.VI.30	2022.V.31	2023.V.30	2023.VI.30 2022.VI.30	2022.VI.30	2023.VI.30	2023.VI.30 2022.VI.30	2022.VI.30	2023.VI.30	2023.VI.30 2022.VI.30
NATIONAL AVERAGE PRICE	2,834	2,532	89.3%	2,559	2,552	99.7%	3,837	3,829	99.8%	3,669	3,603	98.2%
Ulaanbaatar	2,350	2,370	100.9%	2,390	2,390	100.0%	3,260	3,710	113.8%	3,380	3,490	103.3%
Western region	2,886	2,802	97.1%	2,852	2,818	98.8%	-	3,950	-	3,740	4,192	112.1%
Bayan-Ulgii	2,680	2,680	100.0%	2,700	2,700	100.0%	-	3,800	-	3,700	3,590	97.0%
Govi-Altai	2,920	2,780	95.2%	2,970	2,800	94.3%	-	3,950	-	3,890	3,740	96.1%
Zavkhan	3,210	2,870	89.4%	2,890	2,890	100.0%	-	4,000	-	3,720	3,740	100.5%
Uvs	2,850	2,880	101.1%	2,900	2,900	100.0%	-	4,000	-	3,690	3,660	99.2%
Hovd	2,770	2,800	101.1%	2,800	2,800	100.0%	-	4,000	-	3,700	3,640	98.4%
Hangai region	3,168	2,492	78.6%	2,517	2,517	100.0%	4,048	3,847	95.0%	3,738	3,620	96.8%
Arkhangai	3,200	2,480	77.5%	2,500	2,500	100.0%	4,030	3,840	95.3%	3,740	3,610	96.5%
Bayankhongor	3,210	2,510	78.2%	2,530	2,530	100.0%	-	3,850	-	3,730	3,740	100.3%
Bulgan	3,150	2,470	78.4%	2,520	2,520	100.0%	4,080	3,840	94.1%	3,730	3,550	95.2%
Uvurkhangai	3,190	2,450	76.8%	2,470	2,470	100.0%	4,020	3,830	95.3%	3,730	3,660	98.1%
Orkhon	3,100	2,470	79.7%	2,490	2,490	100.0%	4,040	3,840	95.0%	3,730	3,550	95.2%
Khuvsgul	3,160	2,570	81.3%	2,590	2,590	100.0%	4,070	3,880	95.3%	3,770	3,610	95.8%
Central region	3,034	2,479	81.7%	2,498	2,499	100.0%	4,001	3,810	95.2%	3,752	3,581	95.5%
Tuv	3,140	2,420	77.1%	2,440	2,440	100.0%	3,960	3,780	95.5%	3,735	3,540	94.8%
Darkhan	2,650	2,450	92.5%	2,470	2,470	100.0%	4,020	3,820	95.0%	3,730	3,550	95.2%
Selenge	2,650	2,480	93.6%	2,500	2,500	100.0%	4,030	3,830	95.0%	3,730	3,550	95.2%
Govisumber	3,170	2,460	77.6%	2,480	2,480	100.0%	4,010	3,810	95.0%	3,760	3,580	95.2%
Dundgovi	3,180	2,510	78.9%	2,530	2,530	100.0%	4,010	3,810	95.0%	3,770	3,600	95.5%
Dornogovi	3,250	2,500	76.9%	2,520	2,520	100.0%	3,990	3,830	96.0%	3,800	3,620	95.3%
Umnugovi	3,200	2,530	79.1%	2,545	2,550	100.2%	3,990	3,790	95.0%	3,740	3,630	97.1%
Eastern region	2,733	2,520	92.2%	2,540	2,540	100.0%	4,040	3,830	94.8%	3,733	3,650	97.8%
Dornod	2,500	2,510	100.4%	2,530	2,530	100.0%	4,040	3,830	94.8%	3,640	3,650	100.3%
Sukhbaatar	2,520	2,550	101.2%	2,570	2,570	100.0%	4,080	3,870	94.9%	3,830	3,700	96.6%
Khentii	3,180	2,500	78.6%	2,520	2,520	100.0%	4,000	3,790	94.8%	3,730	3,600	96.5%

Source: Petroleum Products Division, MRPAM

4.7. RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, 2020-2023, by MNT/litre and type

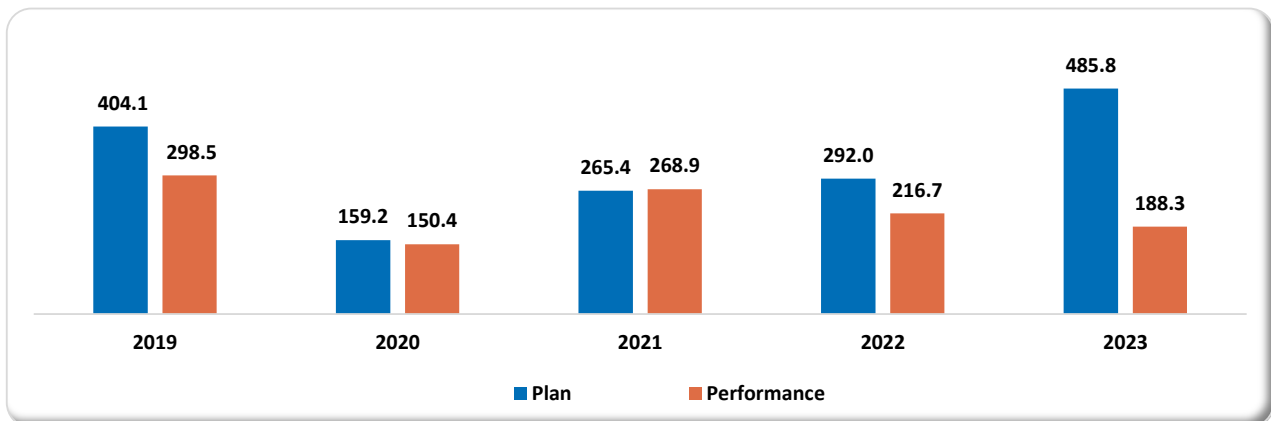
	Gasoline A-80	Gasoline AI-92	Gasoline AI-95	Diesel fuel
2020.VI.30	1443	1507	1878	1976
2020.VII.28	1463	1506	2078	2137
2020.VIII.25	1507	1550	2078	2123
2020.IX.29	1467	1543	2079	1980
2020.X.27	1463	1545	2078	1985
2020.XI.24	1457	1536	2077	1983
2020.XII.28	1455	1534	2077	1976
2021.I.26	1483	1559	2083	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.II.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
2022.VIII.30	2525	2558	4025	3736
2022.IX.27	2525	2554	4030	3587
2022.X.30	2532	2552	4037	3771
2022.XI.29	2532	2552	4029	3962
2022.XII.27	2532	2552	4029	4004
2023.I.31	2532	2552	3829	4006
2023.II.28	2532	2552	3829	4006
2023.III.28	2532	2552	3829	4006
2023.IV.25	2532	2552	3829	3847
2023.V.30	2532	2552	3829	3603
2023.VI.30	2532	2552	3829	3603
2023.V.30 2023.VI.30	100.0%	100.0%	100.0%	100.0%
2023.VI.30 2022.VI.30	84.6%	99.7%	95.7%	96.4%
2023.VI.30 2021.VI.30	167.3%	165.2%	165.5%	159.3%

5 | STATE BUDGET REVENUE

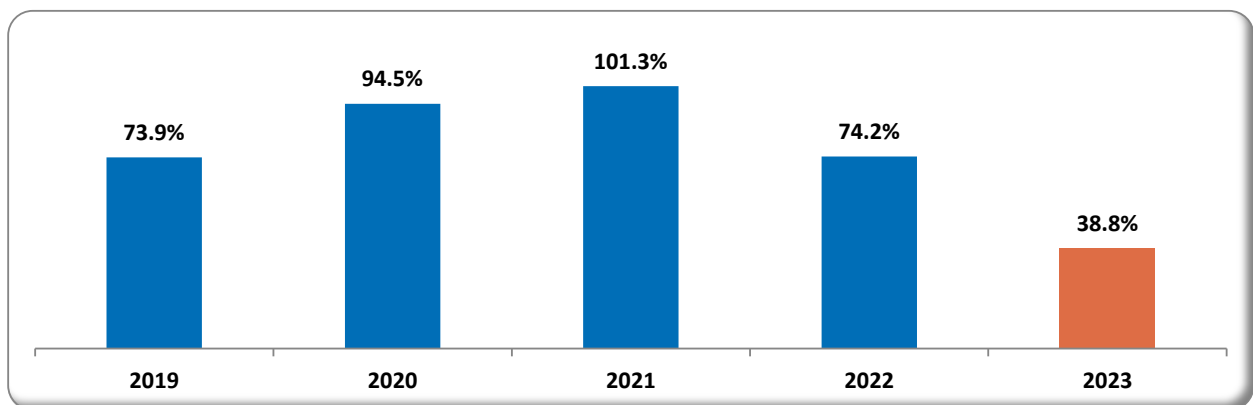
5.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, 2023-VI-30, by million.MNT and income type

	Plan (2023)	2023-VI	
		Performance	Performance rate
TOTAL	485,780.9	188,326.2	38.8%
License fee	29,720.9	15,682.7	52.8%
Reimbursement	2,962.6	836.0	28.2%
Petroleum export revenue	424,971.2	143,667.1	33.8%
Other revenue	3,126.2	3,498.0	111.9%
Tender revenue	25,000.0	24,642.4	98.6%

5.2. BUDGET REVENUE OF MRPAM, 2019-2023, by billion MNT



5.3. BUDGET PERFORMANCE RATE OF MRPAM, 2019-2023



Source: Finance and Investments Division, MRPAM



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



**Monitoring, Evaluation and Internal audit Division
Mineral Resources and Petroleum Authority**

Address:

Government building 12, Barilgachdyn talbai 3, C district, Ulaanbaatar 15170, Mongolia

Fax: 11-310370

Tel: 51-263927

E-mail: info@mrpam.gov.mn

Web: www.mrpam.gov.mn

