



IMPLEMENTING AGENCY OF MONGOLIAN GOVERNMENT  
MINERAL RESOURCES AND PETROLEUM AUTHORITY



# MINERAL RESOURCES AND PETROLEUM STATISTICS 2022/08

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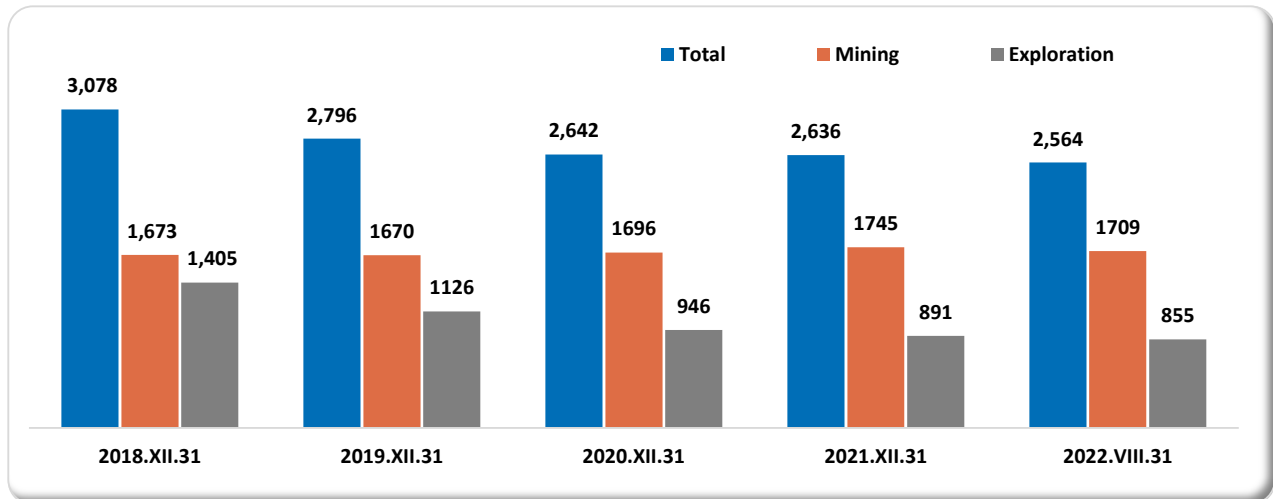
# 1 | MINING AND EXPLORATION LICENSES

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

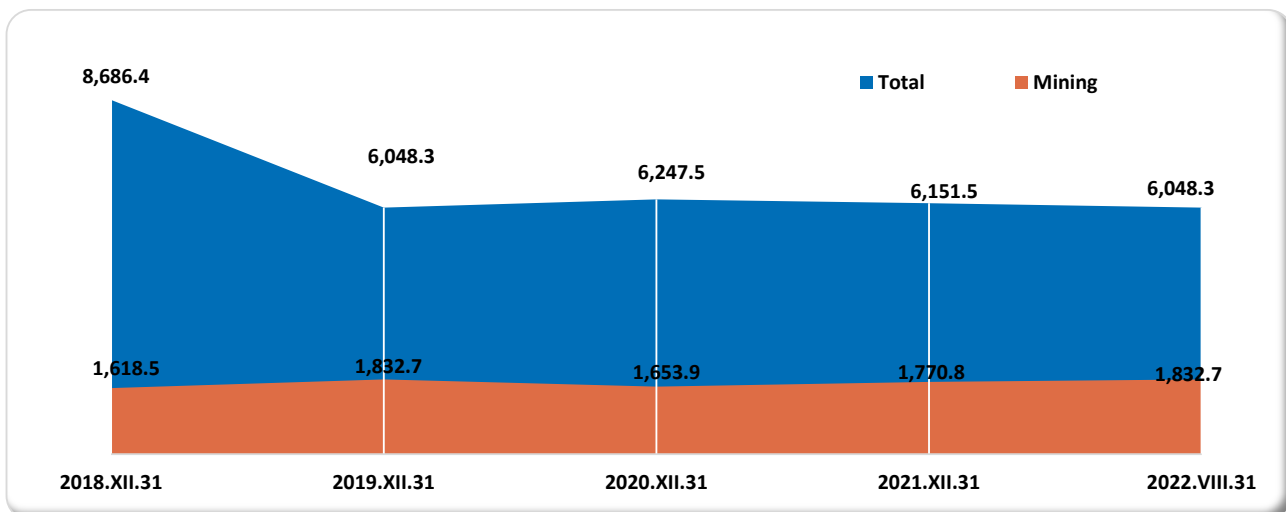
	TOTAL			Of which:					
	Number of licenses	Area size /ths.ha/	Percent of total territory	Mining			Exploration		
				Number of licenses	Area size /ths.ha/	Percent of total territory	Number of licenses	Area size /ths.ha/	Percent of total territory
<b>TOTAL</b>	<b>2,564</b>	<b>6,048.3</b>	<b>3.9%</b>	<b>1709</b>	<b>1,832.7</b>	<b>1.2%</b>	<b>855</b>	<b>4,215.6</b>	<b>2.7%</b>
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	137	324.5	2.8%	101	167.4	1.4%	36	157.1	1.4%
Bulgan	106	99.6	2.0%	81	41.7	0.9%	25	57.9	1.2%
Govi-Altai	125	533.1	3.8%	60	106.0	0.7%	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	341	1116.3	10.2%	212	267.2	2.4%	129	849.1	7.8%
Dornod	149	525.8	4.3%	73	68.2	0.6%	76	457.6	3.7%
Dundgovi	188	556.9	7.5%	121	182.4	2.4%	67	374.4	5.0%
Zavhan	44	162.9	2.0%	13	21.3	0.3%	31	141.6	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	158	825.5	5.0%	107	486.1	2.9%	51	339.4	2.1%
Sukhbaatar	87	279.7	3.4%	65	53.1	0.6%	22	226.5	2.8%
Selenge	173	91.9	2.2%	139	46.8	1.1%	34	45.1	1.1%
Tuv	381	351.8	4.8%	304	160.7	2.2%	77	191.1	2.6%
Uvs	103	241.8	3.5%	46	21.2	0.3%	57	220.7	3.2%
Ulaanbaatar	96	10.0	2.1%	92	9.8	2.1%	4	0.2	0.05%
Khuvsgul	22	10.6	0.1%	21	10.3	0.1%	1	0.3	0.003%
Khovd	78	195.2	2.6%	36	29.5	0.4%	42	165.7	2.2%
Khentii	207	263.9	3.3%	128	56.5	0.7%	79	207.5	2.6%

Source: Cadastre Division, MRPAM

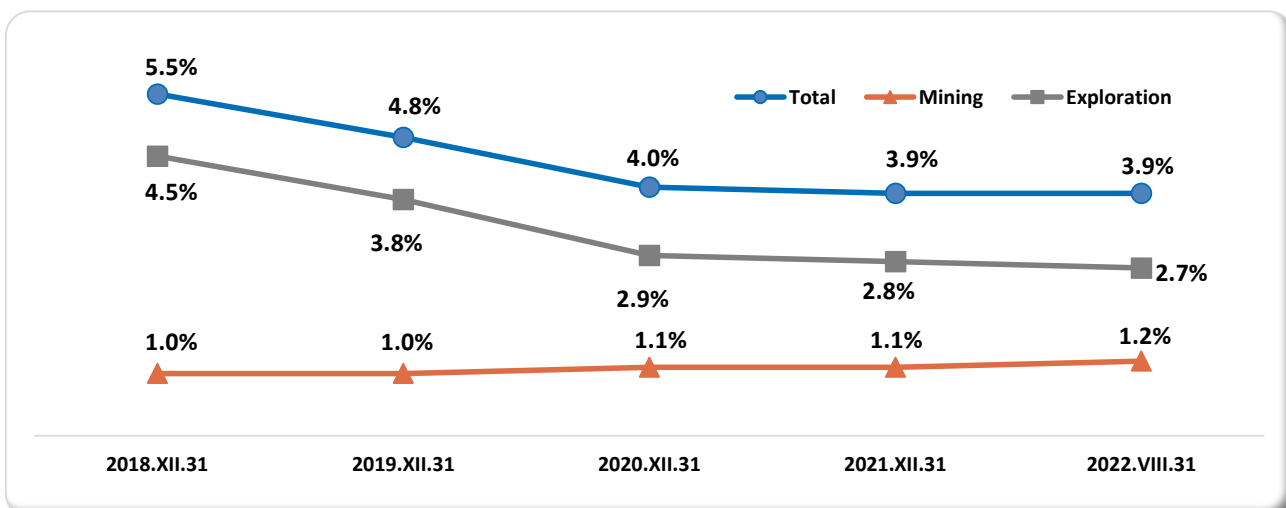
1.2. NUMBER OF TOTAL VALID LICENSES, 2018-2022



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



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



Source: Cadastre Division, MRPAM

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

	Mining license		Area size	
	Number	Share to total	Hectare	Share to total
<b>БҮГД</b>	<b>1709</b>	<b>100%</b>	<b>1,832,689.4</b>	<b>100%</b>
Gold (placer)	462	27.0%	183,909.4	10.0%
Coal	303	17.7%	810,750.0	44.2%
Fluorite	212	12.4%	41,173.3	2.2%
Gold (placer)	92	5.4%	124,153.1	6.8%
limestone	79	4.6%	48,643.9	2.7%
Iron	78	4.6%	47,652.9	2.6%
Common mineral, gravel, sand	35	2.0%	1,360.8	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: Cadastre Division, MRPAM

1.6. REGISTERED AREA, давхардсан байдлаар, 2022.VIII.31, by mln.ha, overlap

	Hectare	Share of total territory
Valid mining licensed area	1.8	1.2%
Valid exploration licensed area	4.2	2.7%
State protected area	33.9	21.7%
Special purpose area	34.3	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.VIII.31, by provinces

	Area		Area size	
	Number	Share to total	Hectare	Share to total
<b>TOTAL</b>	<b>262</b>	<b>100%</b>	<b>1063.7</b>	<b>100%</b>
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: Cadastre Division, MRPAM

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

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
<b>БҮГД</b>	<b>1653</b>	<b>2564</b>	<b>6,048,323.1</b>	<b>100%</b>
Mongolian entities	1318	2029	4,467,034.7	73.9%
100% foreign entities	242	383	1,279,988.5	21.2%
Joint foreign entities	93	152	301,299.9	5.0%

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

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
<b>TOTAL</b>	<b>242</b>	<b>383</b>	<b>1,279,988.5</b>	<b>100%</b>
China	132	166	402,365.7	31.44%
Virgin Islands	25	45	85,811.7	6.70%
Singapore	14	24	255,180.8	19.94%
Canada	14	29	85,448.7	6.68%
Hong Kong	14	54	329,204.1	25.72%
South Korea	11	13	17,780.0	1.39%
Russia	4	4	29,059.9	2.27%
Australia	4	5	2,490.4	0.19%
Great Britain	3	4	6,038.7	0.47%
Germany	2	3	3,015.1	0.24%
Switzerland	2	6	13,528.2	1.06%
United States of America	2	3	19,929.2	1.56%
Luxemburg	2	4	2,442.3	0.19%
Holland	2	2	603.9	0.05%
Japan	2	10	6,620.2	0.52%
Australia, China	1	2	2,416.5	0.19%
Malaysia	1	2	8,795.4	0.69%
Great Britain, China	1	1	375.2	0.029%
Bulgaria	1	1	118.2	0.009%
Thailand	1	1	3,027.9	0.237%
Virgin Islands, Singapore	1	1	3,700.9	0.29%
Seychelles	1	1	1,934.0	0.15%
Russia, South Korea	1	1	54.2	0.004%
Russia, China	1	1	47.5	0.004%

Source: Cadastre Division, MRPAM

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

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
<b>TOTAL</b>	<b>93</b>	<b>152</b>	<b>301,299.9</b>	<b>100%</b>
Mongolia, China	37	50	30,591.4	10.2%
Mongolia, South Korea	10	14	27,073.3	9.0%
Mongolia, Singapore	11	26	48,714.8	16.2%
Mongolia, Russia	8	12	3,929.1	1.3%
Mongolia, Virgin Islands	5	7	24,787.6	8.2%
Mongolia, Japan	5	13	47,640.0	15.8%
Mongolia, Germany	2	3	5,748.1	1.9%
Mongolia, Hong Kong	2	7	23,454.2	7.8%
Mongolia, Czech Republic	2	4	17,911.4	5.9%
Mongolia, Bulgaria	1	3	1,083.7	0.4%
Mongolia, United States of America, Virgin Islands, South Korea	1	1	3,766.7	1.3%
Mongolia, Singapore, Hong Kong	1	1	1,469.5	0.5%
Mongolia, Hong Kong, Japan	1	3	43,809.3	14.5%
Mongolia, Poland	1	1	1,561.3	0.5%
Mongolia, Russia, Ukraine	1	1	46.9	0.0%
Mongolia, Hungary	1	1	87.4	0.0%
Mongolia, Kazakhstan	1	1	1,789.4	0.59%
Mongolia, Luxemburg	1	2	10,011.2	3.3%
Mongolia, Canada, China	1	1	6,352.8	2.1%
Mongolia, Great Britain	1	1	1,472.0	0.5%

Source: Cadastre Division, MRPAM



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

	License		Area	
	Number	Share to total	Hectare	Share to total
<b>TOTAL</b>	<b>232</b>	<b>100%</b>	<b>185,636.2</b>	<b>100%</b>
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: Cadastre Division, MRPAM

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

Source: Cadastre Division, MRPAM

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

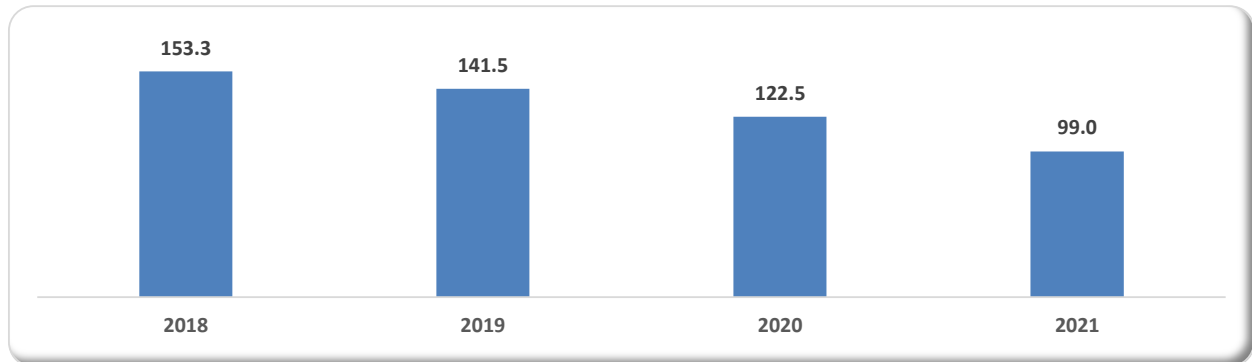
	2018	2019	2020	2021	2022.I-VIII
<b>TOTAL</b>	<b>1187</b>	<b>698</b>	<b>502</b>	<b>943</b>	<b>439</b>
<b>New license</b>	<b>226</b>	<b>218</b>	<b>253</b>	<b>463</b>	<b>134</b>
Mining	78	73	87	47	22
Exploration	0	0	0	0	0
Tender	148	145	166	416	112
<b>Extension</b>	<b>657</b>	<b>273</b>	<b>75</b>	<b>337</b>	<b>211</b>
Mining	0	0	0	1	1
Exploration	657	273	75	336	210
<b>Transfer</b>	<b>157</b>	<b>72</b>	<b>80</b>	<b>76</b>	<b>52</b>
Mining	25	24	32	19	11
Exploration	132	48	48	57	41
<b>Pledge</b>	<b>61</b>	<b>25</b>	<b>28</b>	<b>38</b>	<b>17</b>
Mining	58	24	28	34	15
Exploration	3	1	0	4	2
<b>Surrender</b>	<b>86</b>	<b>110</b>	<b>66</b>	<b>29</b>	<b>25</b>
Mining	12	12	16	6	10
Exploration	74	98	50	23	15

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

	2018	2019	2020	2021	2022.I-VIII
<b>New license</b>	<b>85</b>	<b>130</b>	<b>90</b>	<b>163</b>	<b>82</b>
Mining	61	59	55	54	31
Exploration	5	0	8	0	1
Tender	19	71	27	109	50
<b>Surrendered</b>	<b>91</b>	<b>93</b>	<b>71</b>	<b>26</b>	<b>22</b>
Mining	11	11	16	4	8
Exploration	80	82	55	22	14
<b>Canceled</b>	<b>181</b>	<b>189</b>	<b>140</b>	<b>75</b>	<b>35</b>
Mining	33	70	52	30	16
Exploration	148	119	88	45	19
<b>Expired</b>	<b>209</b>	<b>199</b>	<b>133</b>	<b>120</b>	<b>74</b>
<b>Transferred</b>	<b>172</b>	<b>71</b>	<b>83</b>	<b>74</b>	<b>55</b>
Mining	38	24	35	16	14
Exploration	134	47	48	58	41
<b>Extended</b>	<b>566</b>	<b>300</b>	<b>68</b>	<b>246</b>	<b>263</b>
<b>Pledged</b>	<b>56</b>	<b>23</b>	<b>27</b>	<b>38</b>	<b>16</b>
Mining	53	23	27	34	14
Exploration	3	0	0	4	2
<b>Terminated pledges</b>	<b>27</b>	<b>31</b>	<b>28</b>	<b>16</b>	<b>21</b>
Mining	26	30	28	16	20
Exploration	1	1	0	0	1
<b>Re-issue of license documents</b>	<b>40</b>	<b>27</b>	<b>17</b>	<b>11</b>	<b>4</b>
Mining	13	14	11	5	2
Exploration	27	13	6	6	2

Source: Cadastre Division, MRPAM

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

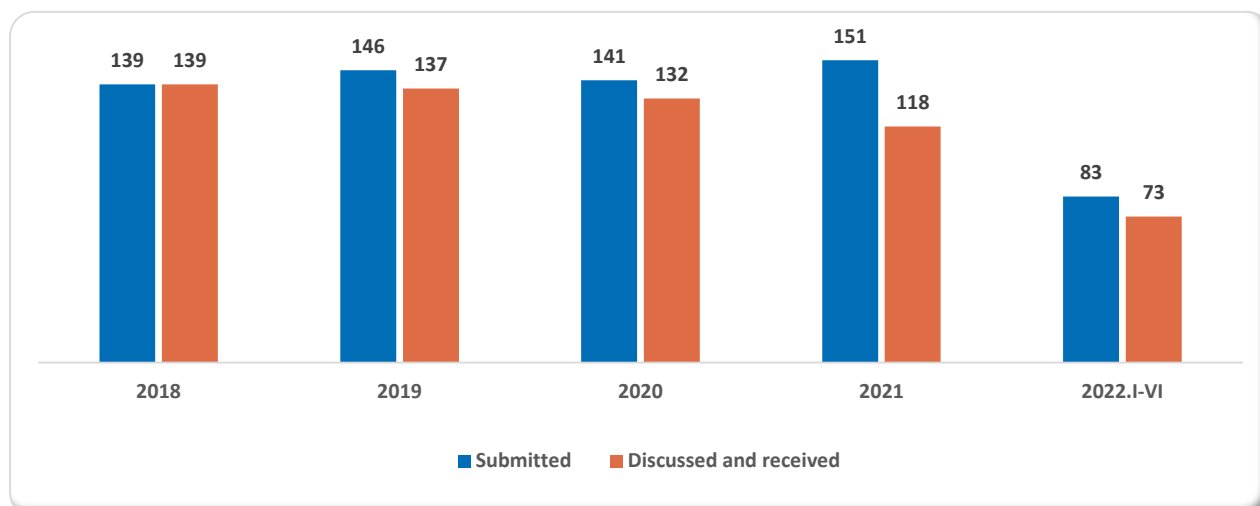


## 2.2. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, 2020-2021 (2022.VI.25), by million MNT and type work

	2020		2021	
	Total amount	Share to total	Total amount	Share to total
<b>TOTAL</b>	<b>122,517.4</b>	<b>100%</b>	<b>99,046.0</b>	<b>100%</b>
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: Geology and Exploration Division, MRPAM

2.3. RECEIVED EXPLORATION REPORT, 2018-2022



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

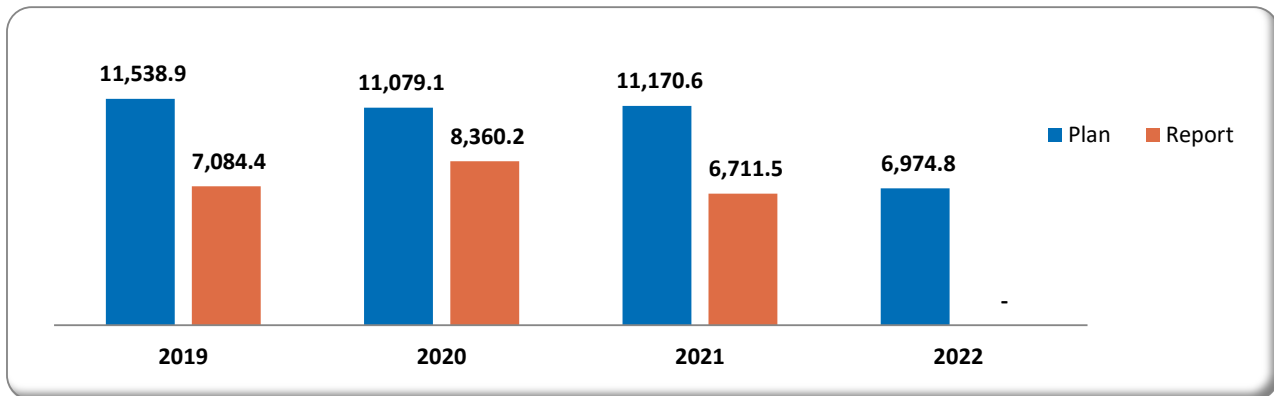
	Deposit	Unit	Resource	
			Ore	Metal
Gold (rock)	4	ths.t/kg	4,738.7	1,004.4
Silver		t	-	17.8
Blue lead		ths.t	-	0.6
Zinc		ths.t	-	1.3
Copper		ths.t	-	0.8
Gold (placer)	15	kg	1,705.6	1,522.8
Copper	1	ths.t/t	2,977,210.00	10,702,971.61
Molybdenum		ths.t	-	499.04
Iron	3	ths.t	40,969.72	-
Iron		ths.t	-	15,282.55
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

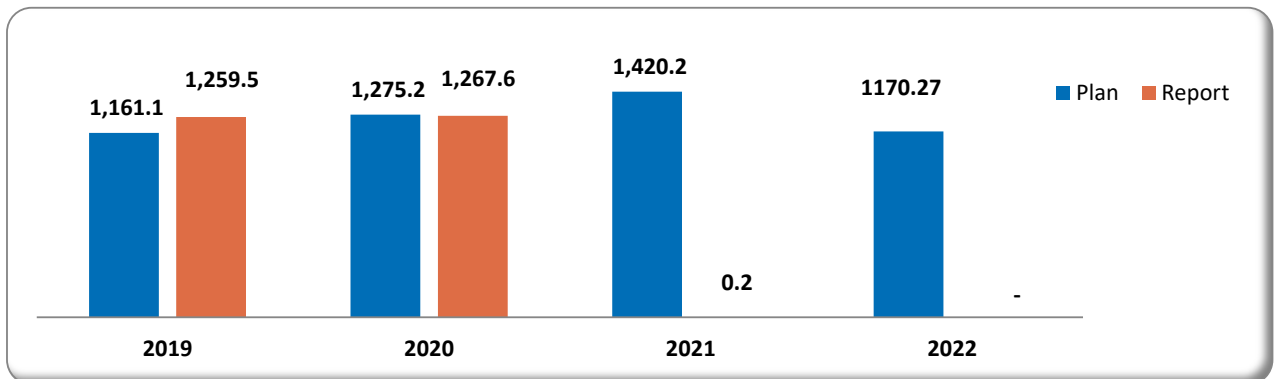
### 3.1. MINERAL MINING ACTIVITY PLAN AND REPORT OFFICIAL STATUS, 2018-2022, (2022.VI.30)

	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%	-	-	-

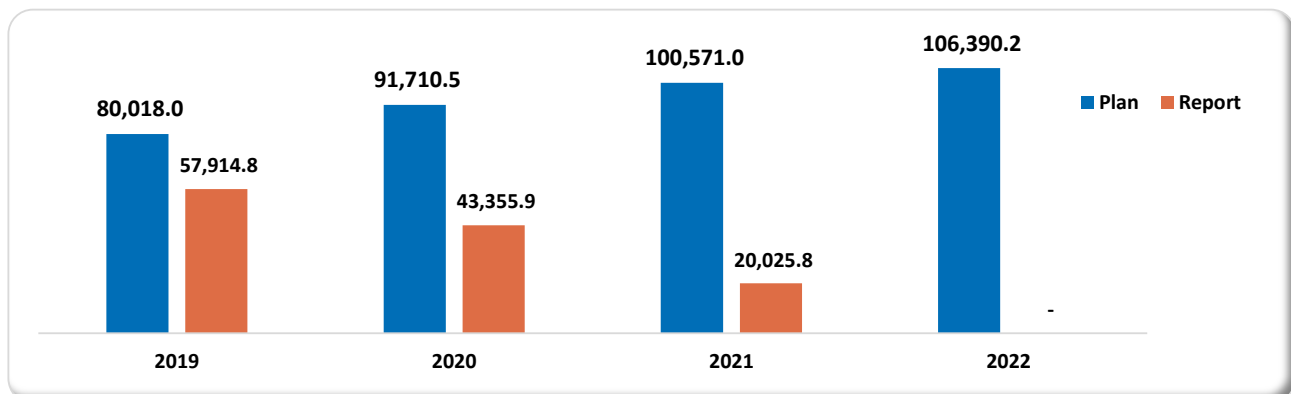
### 3.2. GOLD PRODUCTION, 2019-2021, (2022.VI.30), by kg, mined from hard rock and placer deposits



### 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



Source: Mining 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 ФР	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 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
<b>TOTAL</b>	<b>87</b>	<b>524.7</b>	<b>100%</b>	<b>380.8</b>	<b>100%</b>	<b>229.5</b>	<b>100%</b>
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.

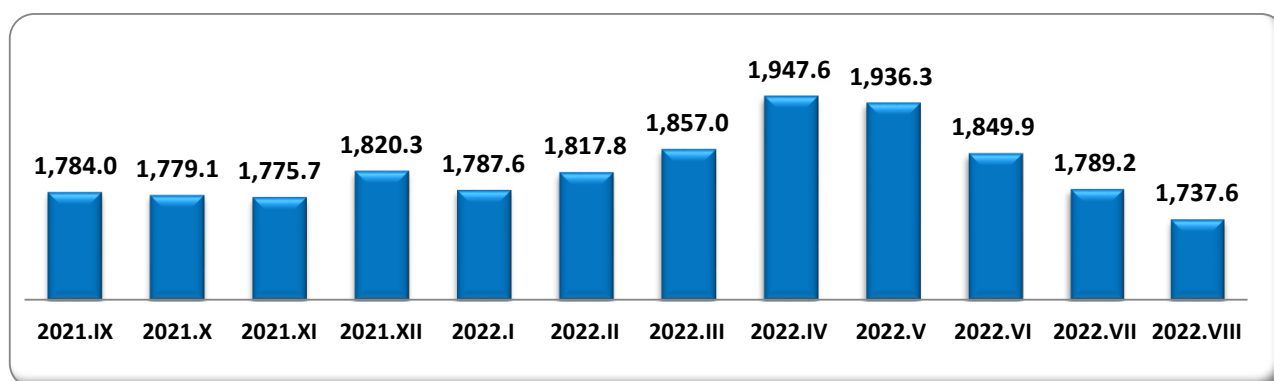
Source: Mining Division, MRPAM



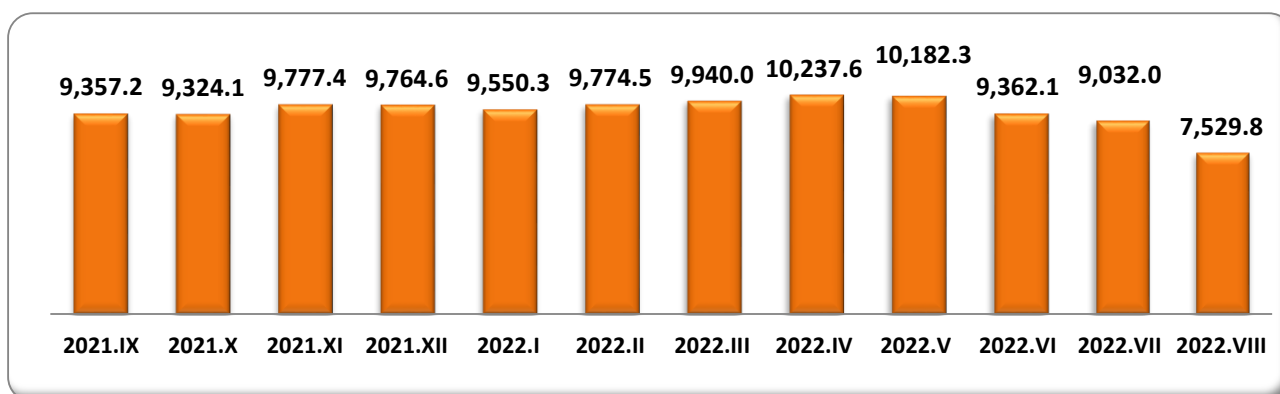
3.8. AVERAGE OF MINERAL PRICES ON THE WORLD MARKET, 2021-2022

	Unit of measurement	2021.VIII	2022.VII	2022.VIII	<u>2022.VIII</u> 2021.VIII	<u>2022.VIII</u> 2022.VII
Gold	\$/ounce	1,806.5	1,789.2	1,737.6	96.2%	97.1%
Silver	\$/ounce	25.8	21.5	19.1	74.1%	88.7%
Copper	\$/tons	9,433.6	9,032.0	7,529.8	79.8%	83.4%
Zinc	\$/tons	2,943.0	3,643.3	3,097.2	105.2%	85.0%
Blue lead	\$/tons	2,337.0	2,066.7	1,976.3	84.6%	95.6%
Tin	\$/tons	34,183.0	31,749.9	25,173.1	73.6%	79.3%
Molybdenum	\$/tons	40,599.1	38,286.5	31,239.5	76.9%	81.6%
Manganese 36%	\$/tons	190.9	211.1	210.5	110.3%	99.7%
Tungsten, 99%	\$/tons	38,090.0	42,880.0	42,450.0	111.4%	99.0%
Tungsten, 65%	\$/tons	16,261.8	16,036.9	16,298.7	100.2%	101.6%
Iron ore 56%	\$/tons	162.7	85.5	76.5	47.0%	89.5%
Iron ore 60% concentrate	\$/tons	195.4	114.2	95.8	49.0%	83.9%
Fluorite concentrate AG-97	\$/tons	300.0	370.0	355.0	118.3%	95.9%
Fluorite ore MG-85	\$/tons	300.0	370.0	355.0	118.3%	95.9%
Uranium	\$/kg	71.4	109.7	-	-	-

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

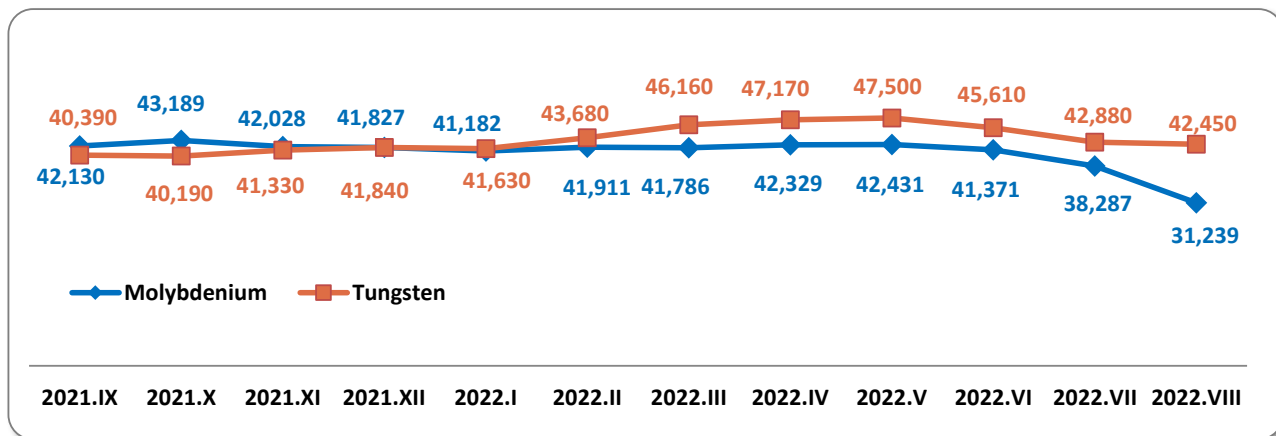


3.10. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, in last 12 months, by US\$/tons

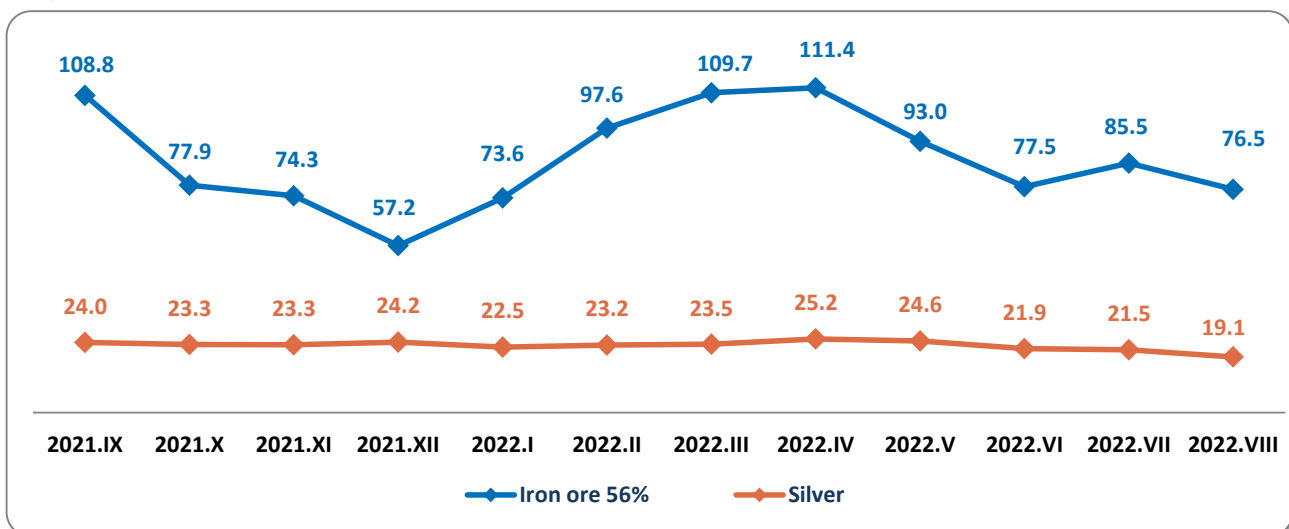


Source: [www.kitco.com](http://www.kitco.com), [www.westmetall.com](http://www.westmetall.com), [www.lme.com](http://www.lme.com), [www.asianmetal.com](http://www.asianmetal.com), [www.lndmin.com](http://www.lndmin.com), [www.umetal.com](http://www.umetal.com), [www.sxcoal.com](http://www.sxcoal.com)

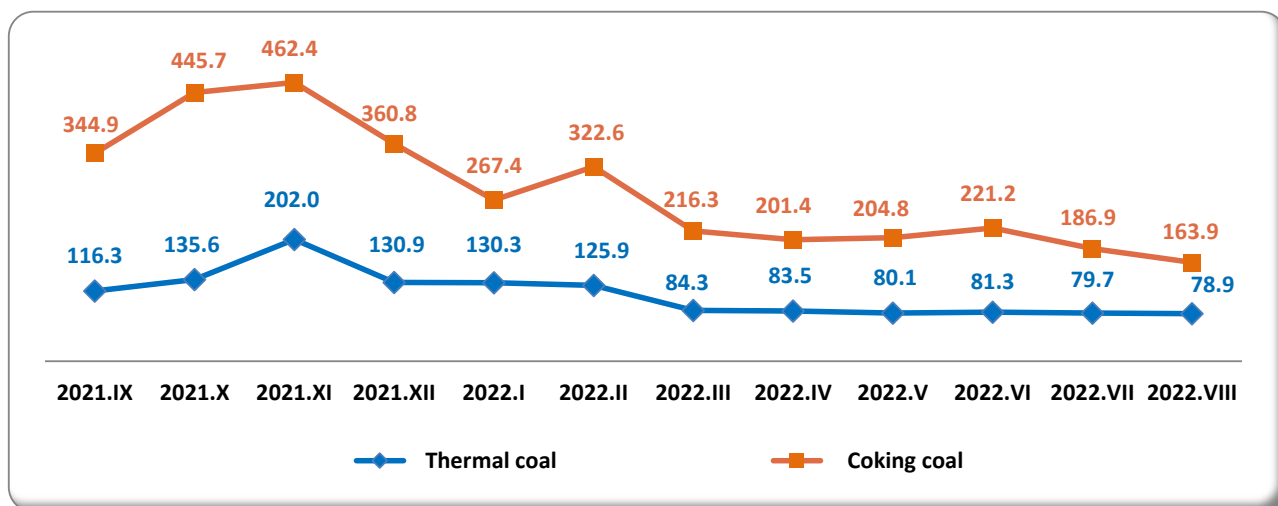
3.11. AVERAGE PRICE OF TIN, MOLYBDENUM AND TUNGSTEN ON THE WORLD MARKET, in last 12 months, by US\$/tons



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\$/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

	Stock exchange	Symbol	Currency	Average price						Market value /2022.IX.05/
				2021	2021.VIII	2022.VII	2022.VIII	<u>2022.VIII</u> 2021.VIII	<u>2022.VIII</u> 2022.VII	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	15.3	14.95	25.42	25.62	171.4%	100.8%	6.176B
Peabody Energy Corporation	NYQ	BTU	USD	8.74	13.21	21.01	23.45	177.5%	111.6%	3.559B
Rio Tinto plc	LSE	RIO.L	GBP	5,599.4	5688.0	4,864.5	4,893.6	86.0%	100.6%	76.945B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	1.03	0.78	1.4	1.4	175.6%	100.0%	257.733M
Mongolian Mining Corporation	HKG	0975.HK	HKD	2.29	2.37	2.14	1.96	82.7%	91.6%	2.206B
South Gobi Resources Ltd.	HKG	1878.HK	HKD	1.32	1.28	1.30	1.21	94.5%	93.1%	329.16M
Centerra Gold Inc.	TOR	CG.TO	CAD	10.6	9.36	7.89	6.64	70.9%	84.2%	1.301B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.4	0.41	0.29	0.32	78.0%	110.3%	98.676M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.8	0.83	0.78	0.79	95.2%	101.3%	190.939M
Silver Elephant Mining Corp.	TOR	ELEF.TO	CAD	0.33	0.23	0.55	0.59	256.5%	107.3%	13.377M
Steppe Gold Ltd	TOR	STGO.TO	CAD	1.82	1.55	1.07	1.09	70.3%	101.9%	72.331M
Kincora Copper Limited	VAN	KCC.V	CAD	0.21	0.19	0.05	0.06	31.6%	120.0%	6.762M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.148	0.14	0.09	0.09	66.2%	100.0%	8.149M
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.07	0.03	0.02	0.03	96.7%	126.1%	45.192M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.086	0.08	0.09	0.09	120.0%	100.0%	47.718M
Haranga Resources Limited	ASX	HAR.AX	AUD	-	-	0.16	0.17	-	106.3%	12.325M
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	0.15	0.72	0.90	600.0%	125.0%	791.523M
Viking Mines Limited	ASX	VKA.AX	AUD	0.03	0.02	0.01	0.01	45.5%	100.0%	8.202M
Banpu Public Company Limited	SET	BANPU.BK	THB	11.83	10.91	12.70	13.70	125.6%	107.9%	96.755B
Petro Matad Limited	LSE	MATD.L	GBP	3.89	2.91	2.19	2.40	82.5%	109.6%	25.188M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	-	-	-	-	-	-	-
Elixir Energy Limited	ASX	EXR.AX	AUD	0.26	0.23	0.16	0.15	65.2%	93.8%	142.677M

Source: [www.nyse.com](http://www.nyse.com), [www.londonstockexchange.com](http://www.londonstockexchange.com), [www.hkex.com.hk](http://www.hkex.com.hk), [www.tmx.com](http://www.tmx.com), [www.tsx.com](http://www.tsx.com), [www.asx.com.au](http://www.asx.com.au), [www.set.or.th](http://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.VIII	2022.VII	2022.VIII	<u>2022.VIII</u> 2021.VIII	<u>2022.VIII</u> 2022.VII
Tavantolgoi	TTL	7,328.4	7,124.1	6,914.1	8,691.1	122.0%	125.7%
Baganuur	BAN	1,021.9	1,203.5	-	934.8	77.7%	-
Shivee-Ovoo	SHV	1,580.3	1,597.3	-	1,443.8	90.4%	-
Aduunchuluun	ADL	805.1	853.7	851.2	722.8	84.7%	84.9%
Shariin Gol	SHG	833.1	1,115.3	672.5	617.5	55.4%	91.8%
Erdene Resource Development Corporation	ERDN	840.1	925.3	799.1	801.9	86.7%	100.4%
Mogoin gol	BDL	8,195.8	11,125.0	8,480.0	8,406.0	75.6%	99.1%
Bayanteeg	BTG	20,764.3	27,000.0	-	-	-	-
Berkh-Uul	BEU	1,168.7	1,477.5	-	975.0	66.0%	-
Khar Tarvagatai	TVT	2,398.1	-	-	-	-	-
Taliin Gal	TAL	-	-	-	-	-	-
Mongol Basalt	MBW	163.6	169.2	216.1	208.2	123.1%	96.3%
Mongol Ceramic	KEK	15,557.5	-	-	-	-	-
Silikat	SIL	31.4	44.3	30.0	28.6	64.6%	95.3%
Songolon barmat	SSG	1,572.8	1,388.0	-	-	-	-
Remicon	RMC	23.3	24.4	21.3	21.9	89.6%	102.8%
Arig Tal	EER	2,309.9	2,589.7	2,455.0	2,707.3	104.5%	110.3%
Niislel-Urguu	NUR	1,959.8	-	-	-	-	-
Erchim Bayan-Ulgii	BOE	1,784.9	-	-	-	-	-
Khukh Gan	HGN	62.9	72.4	48.3	51.3	70.9%	106.2%
Nako Tulsh	NKT	15.2	26.0	-	-	-	-

Source: [www.mse.mn](http://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
<b>2021</b>	<b>32,317.6</b>	<b>26,741.6</b>	<b>15,932.9</b>
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
<b>2022.I-VIII</b>	<b>18,141.1</b>	<b>17,061.8</b>	<b>10,715.1</b>
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
<b><u>2022.VIII</u></b> <b><u>2021.VIII</u></b>	<b>254.5%</b>	<b>266.9%</b>	<b>429.4%</b>
<b><u>2021.I-VIII</u></b> <b><u>2021.I-VIII</u></b>	<b>81.0%</b>	<b>89.4%</b>	<b>81.9%</b>

Source: Mining Division, MRPAM

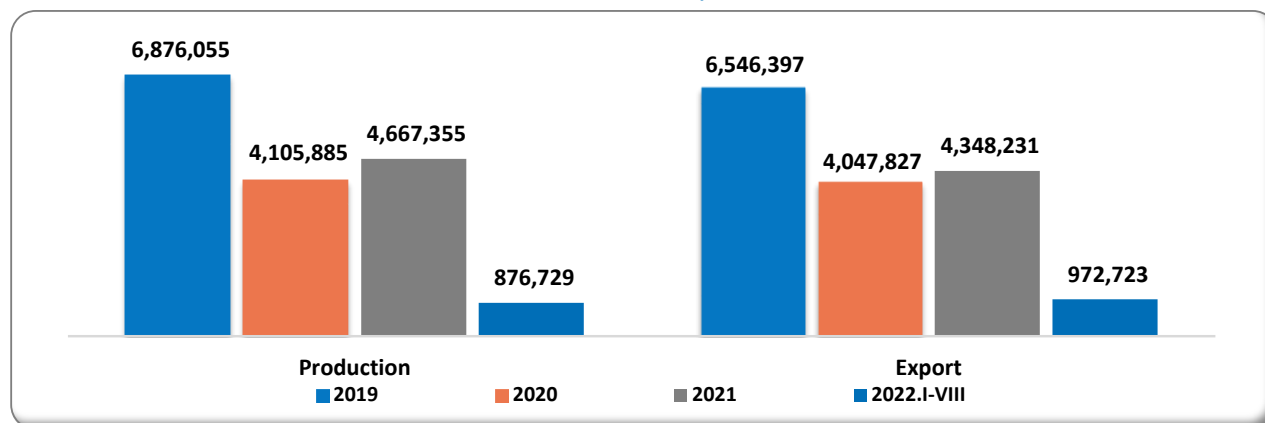
3.18. AVERAGE QUALITY OF EXPORTED COAL, 2022.VIII

Type of coal	Classification	Border name	Deposit name	Gelification index	Volatile matter	Ash	Sulfur value	Total moisture	Calorific value
				GI	V <sup>daf</sup> %	A <sup>d</sup> %	S <sub>t</sub> <sup>d</sup> %	W <sup>t</sup> %	Q <sup>ar</sup> kcal/kg
Antracite	<i>Antracite</i>								
	Antracite	Khangii	Ikh govii Energy	-	-	-	-	-	-
Raw coal	<i>Coal</i>								
	Coking	Khangii	Erdenes tavan tolgoi	-	-	-	-	-	-
		Gahsuun sukhait	Erdenes tavan tolgoi	-	-	-	-	-	-
			Tavan tolgoi	-	-	-	-	-	-
	Weak coking	Khangii	Dadiin khar tolgoi	-	-	-	-	-	-
		Gahsuun sukhait	Tavan tolgoi	-	-	-	-	-	-
		Zamiin uud	Mogoin gol	-	-	-	-	-	-
		Shivee Khuren	Baruun Noyon	71.3	32.3	12.9	0.6	1.0	7347
			Khuren shand	-	-	-	-	-	-
	Non coking	Khangii		-	-	-	-	-	-
		Gahsuun sukhait	Erdenes tavan tolgoi	-	-	-	-	-	-
		Shivee Khuren	Khuren shand	-	-	-	-	-	-
			Baruun Noyon	0.0	18.0	42.9	0.5	1.1	4378
			MAK	-	-	-	-	-	-
	<i>Washed coal</i>								
	Coking	Gahsuun sukhait	Ukhaa Khudag	-	-	-	-	-	-
		Khangii	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/	-	-	-	-	-	-	
		Shariiin 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

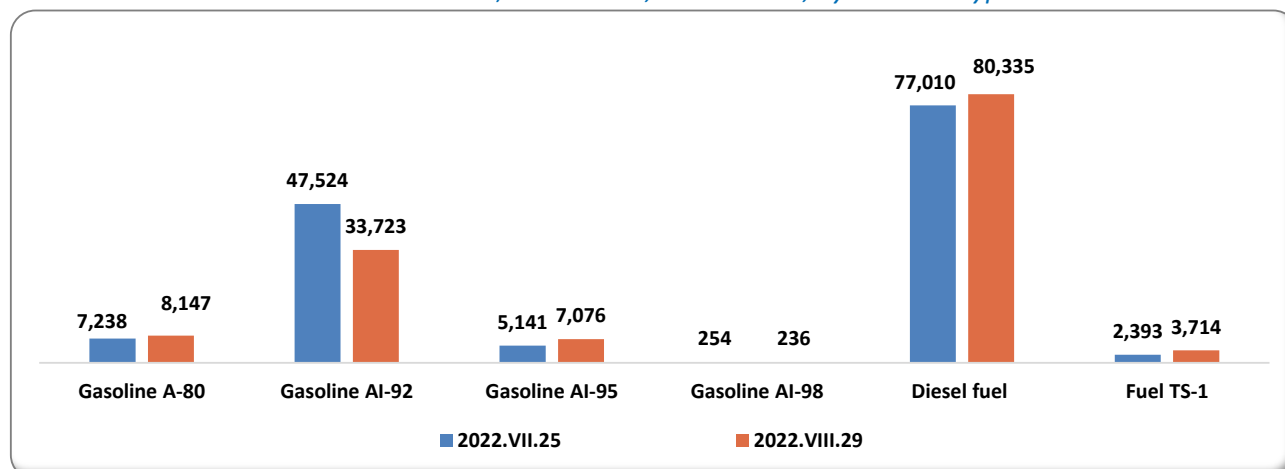
	Production		Export	
	Barrel	Share to total	Barrel	Share to total
<b>2021</b>	<b>4,667,355</b>	<b>100%</b>	<b>4,348,231</b>	<b>100%</b>
2021.I	527,156	11.3%	518,973	11.9%
2021.II	469,647	10.1%	435,559	10.0%
2021.III	511,305	11.0%	466,990	10.7%
2021.IV	496,623	10.6%	468,414	10.8%
2021.V	504,353	10.8%	487,367	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%	-	-
<b>2022.I-VIII</b>	<b>876,729</b>	<b>100.0%</b>	<b>972,723</b>	<b>100.0%</b>
2022.I	17,544	2.0%	-	-
2022.II	9,921	1.1%	-	-
2022.III	9,257	1.1%	-	-
2022.IV	801	0.1%	-	-
2022.V	89	0.0%	-	-
2022.VI	36,832	4.2%	114,102	11.7%
2022.VII	347,747	39.7%	359,232	36.9%
2022.VIII	454,538	51.8%	499,389	51.3%
<b><u>2022.VIII</u></b> <b>2021.VIII</b>	<b>109.6%</b>	-	<b>146.2%</b>	-
<b><u>2022.I-VIII</u></b> <b>2021.I-VIII</b>	<b>22.4%</b>	-	<b>26.8%</b>	-

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
<b>2021</b>	<b>1,806,874</b>	<b>58,628</b>	<b>490,045</b>	<b>27,672</b>	<b>1,292</b>	<b>976,273</b>	<b>28,797</b>	<b>22,731</b>	<b>201,436</b>
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
<b>2022.I-VIII</b>	<b>1,189,602</b>	<b>26,559</b>	<b>388,109</b>	<b>17,135</b>	<b>183</b>	<b>597,388</b>	<b>34,477</b>	<b>31,008</b>	<b>94,743</b>
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.VIII	166,937	6,911	44,534	1,559	-	90,955	4,277	9,289	9,413
<b>2022.VIII</b> <b>2021.VIII</b>	<b>107.8%</b>	<b>163.2%</b>	<b>78.5%</b>	<b>30.8%</b>	<b>-</b>	<b>113.6%</b>	<b>513.8%</b>	<b>264.2%</b>	<b>216.9%</b>
<b>2022.I-VIII</b> <b>2021.I-VIII</b>	<b>101.7%</b>	<b>71.0%</b>	<b>141.3%</b>	<b>114.9%</b>	<b>27.7%</b>	<b>90.3%</b>	<b>164.7%</b>	<b>425.4%</b>	<b>62.4%</b>

4.4. RESIDUE OF PETROLEUM PRODUCTS, 2022.VII.25, 2022.VIII.29, 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		
	Price	Change (compared to previous 7 days)		Price	Change (compared to previous 7 days)	
2022/01/03	76.08	↑	0.33%	78.98	↑	0.47%
2022/01/10	78.23	↑	2.83%	80.87	↑	2.39%
2022/01/17	83.69	↑	6.98%	86.48	↑	6.94%
2022/01/24	83.31	↓	-0.45%	86.27	↓	-0.24%
2022/01/31	88.15	↑	5.81%	91.21	↑	5.73%
2022/02/07	91.41	↑	3.70%	92.95	↑	1.91%
2022/02/14	93.5	↑	2.29%	95.78	↑	3.04%
2022/02/21	92.65	↓	-0.91%	95.39	↓	-0.41%
2022/02/28	95.72	↑	3.31%	100.99	↑	5.87%
2022/03/07	119.4	↑	24.74%	123.21	↑	22.00%
2022/03/14	103.01	↓	-13.73%	106.9	↓	-13.24%
2022/03/21	112.12	↑	8.84%	115.62	↑	8.16%
2022/03/28	105.96	↓	-5.49%	112.48	↓	-2.72%
2022/04/04	103.28	↓	-2.53%	107.53	↓	-4.40%
2022/04/11	94.29	↓	-8.70%	98.48	↓	-8.42%
2022/04/18	108.21	↑	14.76%	113.16	↑	14.91%
2022/04/25	98.54	↓	-8.94%	102.29	↓	-9.61%
2022/05/02	105.17	↑	6.73%	107.58	↑	5.17%
2022/05/09	103.09	↓	-1.98%	105.94	↓	-1.52%
2022/05/16	114.2	↑	10.78%	114.24	↑	7.83%
2022/05/23	110.29	↓	-3.42%	110.78	↓	-3.03%
2022/05/31	114.67	↑	3.97%	118.2	↑	6.70%
2022/06/07	119.4	↑	4.12%	120.46	↑	1.91%
2022/06/13	118.67	↓	-0.61%	120.22	↓	-0.20%
2022/06/21	110.42	↓	-6.95%	115.83	↓	-3.65%
2022/06/28	111.34	↑	0.83%	115.83	→	0.00%
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%

Source: [www.wtrg.com](http://www.wtrg.com), [www.bloomberg.com](http://www.bloomberg.com), [www.reuters.com](http://www.reuters.com), [www.topoilnews.com](http://www.topoilnews.com), [www.oil.in-en.com](http://www.oil.in-en.com), [www.nymex.com](http://www.nymex.com), [www.finmarket.ru](http://www.finmarket.ru), [www.ineng.org](http://www.ineng.org), [www.quandl.com](http://www.quandl.com).

4.6.RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, 2022.VII.26, 2022.VIII.30, by MNT/litre, provinces,

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2022.VII.26	2022.VIII.30	2022.VIII.30 2022.VII.26	2022.VII.26	2022.VIII.30	2022.VIII.30 2022.VII.26	2022.VII.26	2022.VIII.30	2022.VIII.30 2022.VII.26	2022.VII.26	2022.VIII.30	2022.VIII.30 2022.VII.26
<b>NATIONAL AVERAGE PRICE</b>	<b>2,996</b>	<b>2,525</b>	<b>84.3%</b>	<b>2,559</b>	<b>2,558</b>	<b>99.9%</b>	<b>4,341</b>	<b>4,025</b>	<b>92.7%</b>	<b>4,045</b>	<b>3,736</b>	<b>92.3%</b>
<b>Ulaanbaatar</b>	3,150	2,370	<b>75.2%</b>	2,390	2,390	100.0%	4,210	3,910	92.9%	4,030	3,730	92.6%
<b>Western region</b>	<b>2,886</b>	<b>2,785</b>	<b>96.5%</b>	<b>2,852</b>	<b>2,836</b>	<b>99.4%</b>	<b>4,500</b>	<b>4,173</b>	-	<b>4,040</b>	<b>3,700</b>	<b>91.6%</b>
Bayan-Ulgii	2,680	2,680	100.0%	2,700	2,700	100.0%	-	-	-	4,000	3,690	92.3%
Govi-Altai	2,920	2,780	95.2%	2,970	2,890	97.3%	-	-	-	4,190	3,720	88.8%
Zavkhan	3,210	2,870	89.4%	2,890	2,890	100.0%	4,500	4,190	-	4,020	3,710	92.3%
Uvs	2,850	2,850	100.0%	2,900	2,900	100.0%	-	4,140	-	3,990	3,690	92.5%
Hovd	2,770	2,745	99.1%	2,800	2,800	100.0%	4,500	4,190	-	4,000	3,690	92.3%
<b>Hangai region</b>	<b>3,168</b>	<b>2,490</b>	<b>78.6%</b>	<b>2,517</b>	<b>2,517</b>	<b>100.0%</b>	<b>4,353</b>	<b>4,010</b>	<b>92.1%</b>	<b>4,038</b>	<b>3,732</b>	<b>92.4%</b>
Arkhangai	3,200	2,480	77.5%	2,500	2,500	100.0%	-	3,930	-	-	3,740	-
Bayankhongor	3,210	2,480	77.3%	2,530	2,530	100.0%	-	-	-	4,030	3,720	92.3%
Bulgan	3,150	2,520	80.0%	2,520	2,520	100.0%	4,380	4,020	91.8%	4,030	3,720	92.3%
Uvurkhangai	3,190	2,420	75.9%	2,470	2,470	100.0%	4,320	4,010	92.8%	4,030	3,720	92.3%
Orkhon	3,100	2,470	79.7%	2,490	2,490	100.0%	4,340	4,030	92.9%	4,030	3,720	92.3%
Khuvsgul	3,160	2,570	81.3%	2,590	2,590	100.0%	4,370	4,060	92.9%	4,070	3,770	92.6%
<b>Central region</b>	<b>3,034</b>	<b>2,465</b>	<b>81.2%</b>	<b>2,498</b>	<b>2,506</b>	<b>100.3%</b>	<b>4,301</b>	<b>3,993</b>	<b>92.8%</b>	<b>4,052</b>	<b>3,750</b>	<b>92.5%</b>
Tuv	3,140	2,420	77.1%	2,440	2,440	100.0%	4,260	3,970	93.2%	4,035	3,740	92.7%
Darkhan	2,650	2,470	93.2%	2,470	2,470	100.0%	4,320	3,990	92.4%	4,030	3,720	92.3%
Selenge	2,650	2,480	93.6%	2,500	2,500	100.0%	4,330	4,030	93.1%	4,030	3,730	92.6%
Govisumber	3,170	2,460	77.6%	2,480	2,480	100.0%	4,310	4,010	93.0%	4,060	3,760	92.6%
Dundgovi	3,180	2,510	78.9%	2,530	2,530	100.0%	4,310	3,980	92.3%	4,070	3,770	92.6%
Dornogovi	3,250	2,470	76.0%	2,520	2,580	102.4%	4,290	3,980	92.8%	4,100	3,790	92.4%
Umnugovi	3,200	2,445	76.4%	2,545	2,545	100.0%	4,290	3,990	93.0%	4,040	3,740	92.6%
<b>Eastern region</b>	<b>2,743</b>	<b>2,517</b>	<b>91.7%</b>	<b>2,540</b>	<b>2,540</b>	<b>100.0%</b>	<b>4,340</b>	<b>4,037</b>	<b>93.0%</b>	<b>4,067</b>	<b>3,767</b>	<b>92.6%</b>
Dornod	2,500	2,500	100.0%	2,530	2,530	100.0%	4,340	4,030	92.9%	4,040	3,740	92.6%
Sukhbaatar	2,550	2,550	100.0%	2,570	2,570	100.0%	4,380	4,080	93.2%	4,130	3,830	92.7%
Khentii	3,180	2,500	78.6%	2,520	2,520	100.0%	4,300	4,000	93.0%	4,030	3,730	92.6%

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
2022.VIII.30	2525	2558	4025	3736
<b><u>2022.VIII.30</u></b>				
<b><u>2022.VII.26</u></b>	<b>84.3%</b>	<b>100.0%</b>	<b>92.7%</b>	<b>92.3%</b>
<b><u>2022.VIII.30</u></b>				
<b><u>2021.VIII.31</u></b>	<b>119.6%</b>	<b>119.3%</b>	<b>160.2%</b>	<b>146.8%</b>
<b><u>2022.VIII.30</u></b>				
<b><u>2020.VIII.25</u></b>	<b>167.5%</b>	<b>165.1%</b>	<b>193.7%</b>	<b>176.0%</b>

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	-

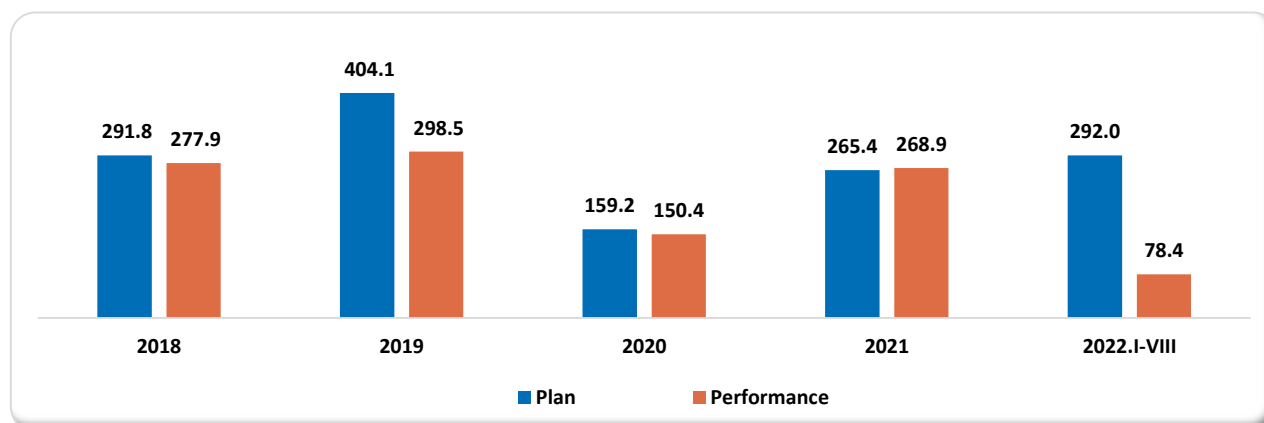
Source: Heavy Industry, Research, Technical and Technological Department, MRPAM

# 6 | STATE BUDGET REVENUE

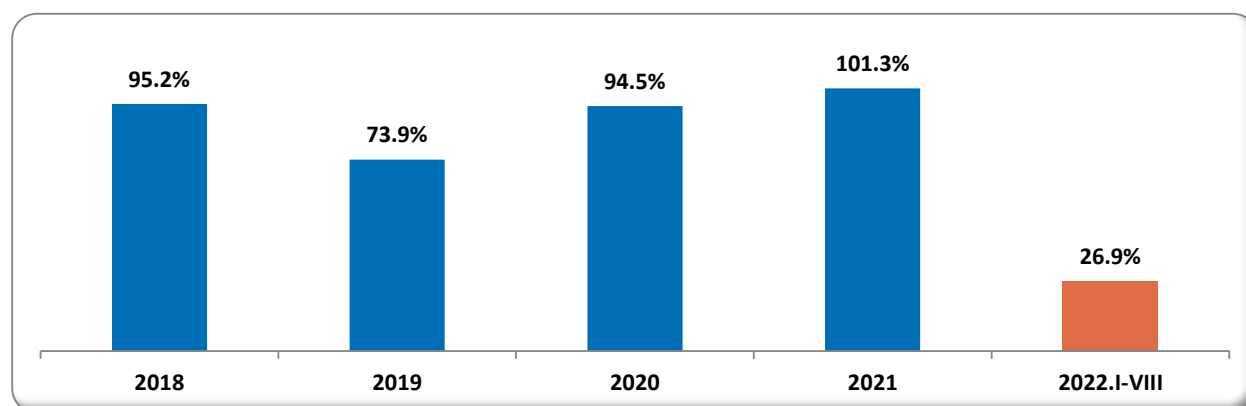
## 6.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, 2022, by million.MNT and income type

	Plan of 2022	2022.I-VIII	
		Performance	Performance rate
<b>TOTAL</b>	<b>291,997.0</b>	<b>78,426.7</b>	<b>26.9%</b>
License fee	31,400.0	24,263.0	77.3%
Reimbursement	17,500.0	718.8	4.1%
Petroleum export revenue	215,447.0	36,161.3	16.8%
Service revenue (petroleum)	1,630.0	1,632.3	100.1%
Service revenue (mineral resources)	1,020.0	1,108.2	108.6%
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: Finance and Investments Division



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