



IMPLEMENTING AGENCY OF MONGOLIAN GOVERNMENT
MINERAL RESOURCES AND PETROLEUM AUTHORITY



MINERAL RESOURCES AND PETROLEUM STATISTICS

2021/01



www.mrpam.gov.mn

CONTENTS

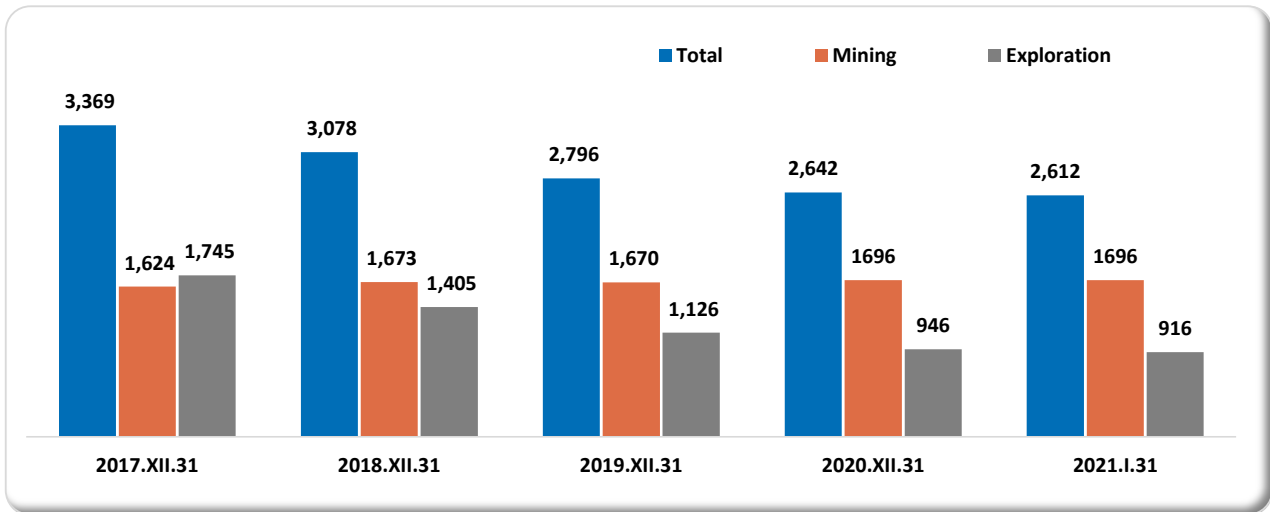
- I. CADASTRE 3
- II. GEOLOGY..... 12
- III. MINING 14
- IV. PETROLEUM 24
- V. HEAVY INDUSTRY 29
- VI. STATE BUDGET REVENUE OF MRPAM 31

1.1. COUNT OF VALID LICENSES AND AREA SIZE, by provinces and 2021.1.31

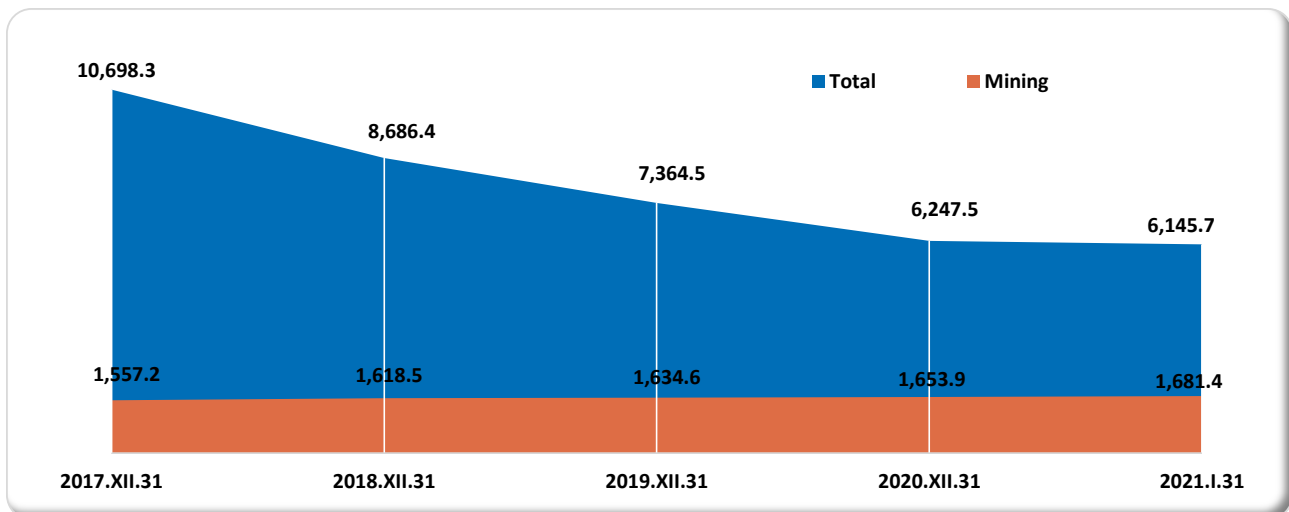
	TOTAL			Of which:					
	Count of Licenses	Area size /ths.ha/	Percent of total territory	Mining			Exploration		
				Count of Licenses	Area size /ths.ha/	Percent of total territory	Count of Licenses	Area size /ths.ha/	Percent of total territory
TOTAL	2,612	6,145.7	3.9%	1,696	1,681.4	1.1%	916	4,464.2	2.9%
Arkhangai	23	17.8	0.3%	18	9.3	0.2%	5	8.5	0.2%
Bayan-Ulgii	55	151.7	3.3%	28	15.2	0.3%	27	136.6	3.0%
Bayankhongor	127	307.0	2.7%	86	119.8	1.0%	41	187.2	1.6%
Bulgan	100	87.8	1.8%	77	38.9	0.8%	23	48.9	1.0%
Govi-Altai	132	582.2	4.1%	55	92.2	0.7%	77	489.9	3.5%
Govisumber	16	44.6	8.1%	13	38.9	7.0%	3	5.8	1.0%
Darkhan Uul	66	8.7	2.7%	61	7.6	2.3%	5	1.1	0.3%
Dornogovi	329	1,066.6	9.8%	195	250.1	2.3%	134	816.5	7.5%
Dornod	150	537.5	4.4%	73	63.7	0.5%	77	473.8	3.8%
Dundgovi	196	621.2	8.3%	110	174.8	2.3%	86	446.4	6.0%
Zavhan	48	222.8	2.7%	10	17.0	0.2%	38	205.8	2.5%
Orkhon	8	11.0	13.1%	8	11.0	13.1%	0	0.0	0.0%
Uvurkhangai	44	109.7	1.7%	28	16.1	0.3%	16	93.6	1.5%
Umnugovi	158	905.0	5.5%	99	443.4	2.7%	59	461.5	2.8%
Sukhbaatar	92	242.3	2.9%	72	68.2	0.8%	20	174.1	2.1%
Selenge	179	94.8	2.3%	144	45.1	1.1%	35	49.6	1.2%
Tuv	378	308.7	4.2%	305	155.7	2.1%	73	153.0	2.1%
Uvs	109	287.8	4.1%	42	19.9	0.3%	67	267.9	3.9%
Ulaanbaatar	158	14.1	3.0%	151	13.1	2.8%	7	1.0	0.2%
Khuvsgul	22	10.6	0.1%	21	10.3	0.1%	1	0.3	0.0%
Khovd	94	211.2	2.8%	37	17.2	0.2%	57	194.0	2.6%
Khentii	212	302.6	3.7%	122	53.9	0.7%	90	248.7	3.1%

Source: Geology and Mining Cadastre Division, MRPAM

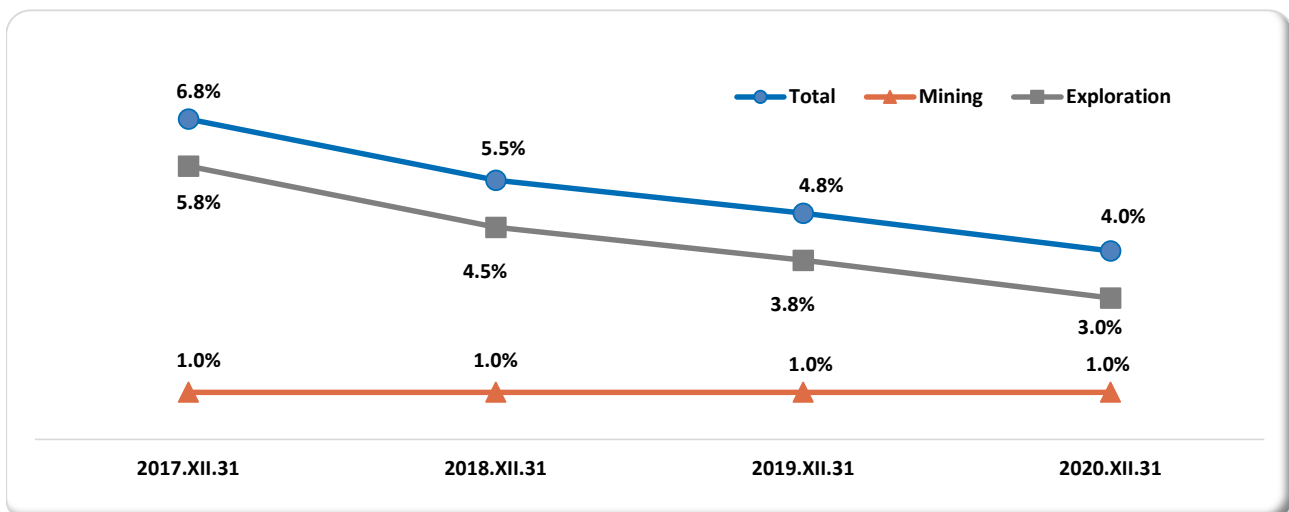
1.2. COUNT OF TOTAL VALID LICENSES, by 2017-2021



1.3. LICENSED AREA, by thousands.ha and 2017-2021



1.4. PERCENT OF TOTAL LICENSED AREA IN MONGOLIA'S TERRITORY, by 2017-2021



Source: Geology and Mining Cadastre Division, MRPAM

1.5.COUNT OF MINING LICENSE, by type of minerals and 2021.I.31

	Mining license		Area size	
	Count	Percent	Hectare	Percent
TOTAL	1696	100%	1,681,420.9	100%
Gold (placer)	439	25.9%	156,436.9	9.3%
Coal	301	17.7%	776,210.0	46.2%
Fluorite	198	11.7%	35,350.3	2.1%
Gold (placer)	91	5.4%	77,192.5	4.6%
Iron	77	4.5%	48,541.5	2.9%
limestone	73	4.3%	41,066.3	2.4%
Common mineral, gravel, sand	70	4.1%	3,684.6	0.2%
Common mineral, mud	45	2.7%	2,610.9	0.2%
Common mineral, aggregate stone	34	2.0%	9,240.3	0.5%
Tungsten	29	1.7%	9,062.1	0.5%
Common mineral, sand	24	1.4%	1,333.4	0.1%
Gypsum	23	1.4%	7,975.6	0.5%
Concentrated metal	23	1.4%	26,976.6	1.6%
Copper	18	1.1%	84,900.5	5.0%
Gold (placer), copper	14	0.8%	86,764.3	5.2%
Tin	12	0.7%	5,386.5	0.3%
Earth rare metal	9	0.5%	7,435.4	0.4%
Graphite	8	0.5%	18,106.4	1.1%
Copper, molybdenum	8	0.5%	14,328.3	0.9%
Common mineral, sand stone	8	0.5%	1,553.5	0.1%
Molybdenum	7	0.4%	8,922.5	0.5%
Marble	7	0.4%	2,020.0	0.1%
Uranium	7	0.4%	76,866.1	4.6%
Copper, gold	5	0.3%	5,047.1	0.3%
Aggregate stone	5	0.3%	1,698.9	0.1%
Copper, gold	5	0.3%	8,807.4	0.5%
Iron, zinc	5	0.3%	1,126.4	0.1%
Tungsten, Tin	4	0.2%	2,833.9	0.2%
Manganese	4	0.2%	7,507.0	0.4%
Silver	4	0.2%	1,050.4	0.1%
Мөсөн шүү	4	0.2%	1,449.0	0.1%
Gold (placer), silver	3	0.2%	9,587.7	0.6%
Aluminium	3	0.2%	1,370.9	0.1%
Other	129	7.6%	138,978.0	8.3%

Source: Geology and Mining Cadastre Division, MRPAM

1.6. REGISTERED AREA, by mln.ha, overlap and 2021.1.31

	Hectare	Percent of total territory
Valid mining licensed area	1.7	1.1%
Valid exploration licensed area	4.4	2.8%
State protected area	33.7	21.5%
Special purpose area	33.6	21.5%
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, by provinces and 2021.1.31

	Count of area		Area size	
	Count	Percent	Hectare	Percent
TOTAL	262	100%	1,063.7	100%
Arkhangai	1	0.4%	4.8	0.4%
Bayan-Ulgii	2	0.8%	53.7	5.1%
Bayankhongor	57	21.8%	152.3	14.3%
Bulgan	29	11.1%	126.4	11.9%
Govi-Altai	1	0.4%	5.7	0.5%
Darkhan Uul	6	2.3%	16.6	1.6%
Dornogovi	2	0.8%	9.6	0.9%
Dornod	2	0.8%	26.3	2.5%
Dundgovi	13	5.0%	104.5	9.8%
Uvurkhangai	20	7.6%	39.7	3.7%
Umnugovi	20	7.6%	86.3	8.1%
Selenge	52	19.8%	220.1	20.7%
Tuv	12	4.6%	78.3	7.4%
Ulaanbaatar	5	1.9%	19.0	1.8%
Khovd	4	1.5%	11.3	1.1%
Khentii	36	13.7%	109.4	10.3%

Source: Geology and Mining Cadastre Division, MRPAM

1.8. ORIGIN OF LICENSE HOLDERS, by 2021.1.31

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	1694	2612	6,145,659.5	100.0%
Mongolian entities	1357	2080	4,639,761.3	75.5%
100% foreign entities	242	391	1,198,627.3	19.5%
Joint foreign entities	95	141	307,270.8	5.0%

1.9. ORIGIN OF 100% FOREIGN LICENSE HOLDERS, by countries and 2021.1.31

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	242	391	1,198,627.3	100%
China	129	161	293,020.6	24.45%
Virgin Islands	30	56	107,954.8	9.01%
Hong Kong	14	27	66,897.5	5.58%
Singapore	14	54	313,228.4	26.13%
Canada	12	23	220,308.9	18.38%
South Korea	10	12	10,489.2	0.88%
Australia	5	5	26,641.3	2.22%
Russia	4	5	2,490.4	0.21%
Great Britain	3	4	6,038.7	0.50%
Holland	3	15	106,872.3	8.92%
Germany	2	2	603.9	0.05%
Bermud	2	3	7,314.3	0.61%
United States of America	2	4	2,442.3	0.20%
Luxemburg	2	6	13,528.2	1.13%
Japan	2	3	3,015.1	0.25%
Kazakhstan	1	1	136.5	0.01%
Malaysia	1	2	2,416.5	0.20%
Ukraine	1	1	245.0	0.02%
Bulgaria	1	1	3,700.9	0.31%
Russia, China	1	1	47.5	0.00%
Russia, South Korea	1	1	118.2	0.01%
Barbados	1	3	9,183.0	0.77%
Virgin Islands, Singapore	1	1	1,934.0	0.16%

Source: Geology and Mining Cadastre Division, MRPAM

1.10. ORIGIN OF JOINT FOREIGN LICENSE HOLDERS, *by countries and 2021.1.31*

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	95	141	307,270.8	100%
Mongolia, China	45	63	89,272.3	29.1%
Mongolia, South Korea	9	14	24,162.5	7.9%
Mongolia, Russia	8	11	1,590.5	0.5%
Mongolia, Virgin Islands	6	10	35,233.8	11.5%
Mongolia, Singapore	4	6	28,137.9	9.2%
Mongolia, Japan	4	7	13,386.0	4.4%
Mongolia, Germany	3	4	5,911.9	1.9%
Mongolia, Great Britain	2	2	5,135.2	1.7%
Mongolia, Czech Republic	2	5	28,576.6	9.3%
Mongolia, Singapore, Hong Kong	1	1	1,469.5	0.5%
Mongolia, Kazakhstan	1	1	1,789.4	0.6%
Mongolia, United States of America, Virgin Islands, South Korea	1	1	3,766.7	1.2%
Mongolia, Bulgaria	1	3	1,083.7	0.4%
Mongolia, Canada	1	1	3,957.7	1.3%
Mongolia, Canada, China	1	1	6,352.8	2.1%
Mongolia, Luxemburg	1	1	3,273.9	1.1%
Mongolia, Russia, Ukraine	1	1	46.9	0.0%
Mongolia, Hong Kong, Japan	1	3	43,809.3	14.3%
Mongolia, Poland	1	1	1,561.3	0.5%
Mongolia, Hungary	1	1	87.4	0.0%
Mongolia, Hong Kong	1	4	8,665.5	2.8%

Source: Geology and Mining Cadastre Division, MRPAM

1.11. PLEDGING LICENSES, by bank and non-bank financial institute and 2021.1.31

	License		Area	
	Count	Percent	Hectare	Percent
TOTAL	224	100%	166,933.5	100%
Trade and Development Bank	48	21.4%	25,354.8	15.2%
Golomt Bank	31	13.8%	26,688.5	16.0%
Development Bank of Mongolia	26	11.6%	19,706.5	11.8%
HAAN Bank	15	6.7%	3,203.8	1.9%
Anod Bank	8	3.6%	7,427.3	4.4%
XAC Bank	8	3.6%	2,438.4	1.5%
Capital Bank	8	3.6%	1,068.8	0.6%
Chinggis Khan Bank	8	3.6%	3,441.6	2.1%
European Bank for Reconstruction and Development	7	3.1%	2,658.5	1.6%
Golomt, Saving, Zoos, Anod Banks	6	2.7%	3,277.7	2.0%
Capitron bank	5	2.2%	6,710.5	4.0%
Credit bank	4	1.8%	284.8	0.2%
State Bank	4	1.8%	570.6	0.3%
Export-Import Bank of China	3	1.3%	1,092.0	0.7%
Bogd bank	3	1.3%	154.0	0.1%
Triple flag mining finance Bermuda Ltd	3	1.3%	13,017.0	7.8%
GSB capital NBF1	3	1.3%	9,484.0	5.7%
Bank of China	3	1.3%	871.6	0.5%
First lithium Corporation	2	0.9%	17,131.1	10.3%
Khutult nomgon	2	0.9%	253.4	0.2%
National Investment Bank	2	0.9%	805.0	0.5%
Erel bank	2	0.9%	150.3	0.1%
Transport Development bank	2	0.9%	328.1	0.2%
World Gold	2	0.9%	2,194.9	1.3%
Other	19	8.5%	18,620.2	11.2%

Source: Geology and Mining Cadastre Division, MRPAM

1.12. LIST OF LICENSE HOLDERS WITH 10 AND ABOVE LICENSES, by 2021.1.31

No	Name of entity	Count of license	Area size /ha/	Company type	Nationality
1	Mongolroscvetmet	27	15,145.4	mongolian legal entity	Mongolia
2	Mongolyn alt Mak	23	62,251.0	mongolian legal entity	Mongolia
3	Gatsuurt	16	8,933.2	mongolian legal entity	Mongolia
4	Tsaina investment mongolia	15	207,645.0	Entity with 100% foreign investment	Singapore
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	MAK cement	11	4,119.1	mongolian legal entity	Mongolia
9	Platinum land	11	3,621.3	mongolian legal entity	Mongolia
10	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, by 2021.1.31

No	Name of entity	Count of license	Area size /ha/	Company type	Nationality
1	Tsaina investment mongolia	15	207,645.0	100% foreign invested entity	Singapore
2	Monlaa	3	104,550.9	mongolian legal entity	Mongolia

Source: Geology and Mining Cadastre Division, MRPAM

1.14. RECEIVED APPLICATION, by application type and 2017-2021

	2017	2018	2019	2020	2021.I
TOTAL	813	1187	698	502	44
New license	288	226	218	253	31
Mining	65	78	73	87	4
Exploration	0	0	0	0	0
Tender	223	148	145	166	27
Extension of exploration license	231	657	273	75	8
Transfer	153	157	72	80	3
Mining	78	25	24	32	0
Exploration	75	132	48	48	3
Pledge	37	61	25	28	1
Mining	32	58	24	28	1
Exploration	5	3	1	0	0
Surrender	104	86	110	66	1
Mining	14	12	12	16	0
Exploration	90	74	98	50	1

1.15. CHANGES IN LICENSE REGISTRATION, by license type and 2017-2021

	2017	2018	2019	2020	2021.I
New license	151	85	130	90	18
Mining	77	61	59	55	4
Exploration	41	5	0	8	0
Tender	33	19	71	27	14
Surrendered	97	91	93	71	1
Mining	13	11	11	16	0
Exploration	84	80	82	55	1
Canceled	237	181	189	140	23
Mining	35	33	70	52	6
Exploration	202	148	119	88	17
Expired	176	209	199	133	13
Transferred	136	172	71	83	5
Mining	62	38	24	35	0
Exploration	74	134	47	48	5
Extended	162	566	300	68	2
Pledged	39	56	23	27	2
Mining	34	53	23	27	2
Exploration	5	3	0	0	0
Terminated pledges	39	27	31	28	2
Mining	38	26	30	28	2
Exploration	1	1	1	0	0
Re-issue of license documents	26	40	27	17	0
Mining	19	13	14	11	0
Exploration	7	27	13	6	0

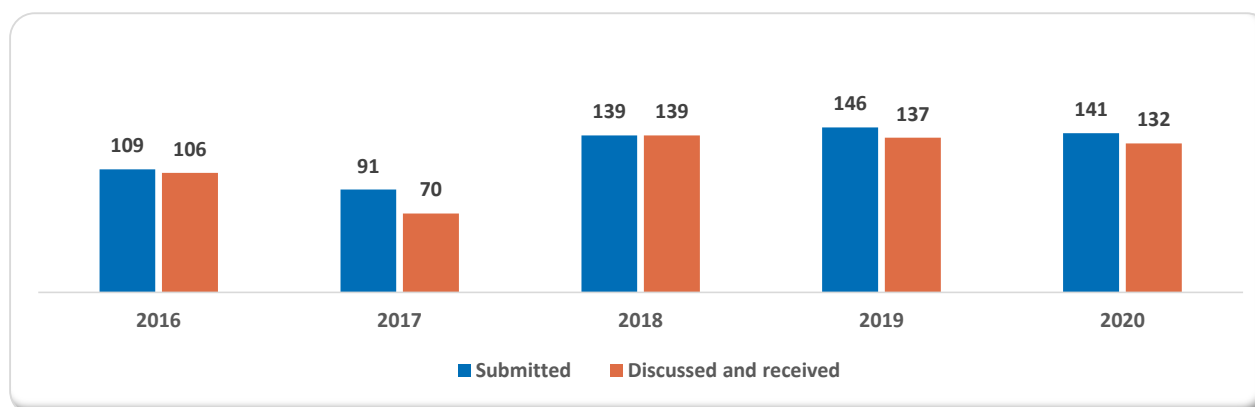
Source: Geology and Mining Cadastre Division, MRPAM

2.1. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, *by million MNT, type work and 2018-2019 (2021.I.31)*

	2018		2019	
	Mln.MNT	Percent	Mln.MNT	Percent
TOTAL	153,292.9	100%	140,572.3	100%
Preparation	3,447.8	2.2%	3,804.1	2.7%
Mapping	3,444.1	2.2%	2,114.4	1.5%
Geological survey	2,746.3	1.8%	2,466.6	1.8%
Sampling	1,674.9	1.1%	1,291.4	0.9%
Geophysical work	10,461.7	6.8%	10,178.8	7.2%
Mining	15,257.0	10.0%	7,600.0	5.4%
Drilling	75,064.2	49.0%	84,238.1	59.9%
Indoor, laboratory investigation	11,786.9	7.7%	4,087.6	2.9%
Laboratory	12,601.0	8.2%	13,472.0	9.6%
Transport	3,761.3	2.5%	7.0	0.0%
Topogeodetic work	1,621.3	1.1%	4,194.9	3.0%
Hydrogeological work	1,442.8	0.9%	1,304.7	0.9%
Geocological survey	823.2	0.5%	3,150.3	2.2%
Archeology	6,638.4	4.3%	522.0	0.4%
Environment reclamation	378.4	0.2%	455.5	0.3%
Field sampling	1,118.2	0.7%	489.8	0.3%
Assume expenses	173.2	0.1%	776.6	0.6%
Other	852.3	0.6%	418.5	0.3%

Source: Geology and Exploration Division, MRPAM

2.2. RECEIVED EXPLORATION REPORT, by 2016-2020



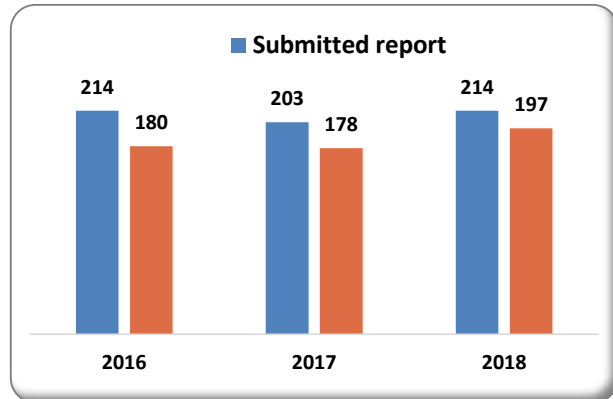
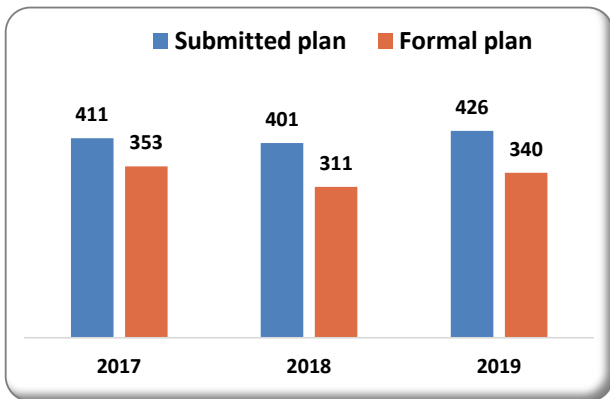
2.3. MINERAL RESOURCE RESERVES REGISTERED IN THE STATE'S INTEGRATED REGISTRATION, 2020

	Deposit	Resource		
		Unit	Ore	Metal
Gold (rock)		ths.t/kg	96,104.4	80,870.2
Silver		t		284.0
Blue lead	11	ths.t		40.7
Zinc		ths.t		65.9
Copper		ths.t		30.6
Gold (placer)	24	kg	3,252.7	2,920.4
Copper	2	ths.tn	145,205.9	377,904.8
Gold		kg		11,483.8
Iron	3	ths.t	20,925.6	
Iron		ths.t		10,053.0
Tungsten	1	t	129,649.0	2,199.0
Fluorspar	22	ths.t	5,581.3	2,357.1
Zinc				
Zinc		ths.t		49.7
Blue lead	1	ths.t		22.7
Silver		kg		61.2
Cadmium		ths.t		228.7
Uranium	1	ths.t	398,941.5	93.3
Coal	10	mln.t	572.0	
Limestone	2	ths.t	51,399.7	
Aggregate stone	16	ths.t	314,779.0	
Polishing stone	3	ths.m3		5,953.5
Graphite	2	ths.t	124,080.3	6,234.4
Gypsum	2	ths.t	2,719.5	
Mud	4	ths.m3	3,449.3	
Sand gravel	7	ths.m3	4,943.3	
Sand	7	ths.m3	5,088.3	
Zeolite	1	ths.t		5,884.1

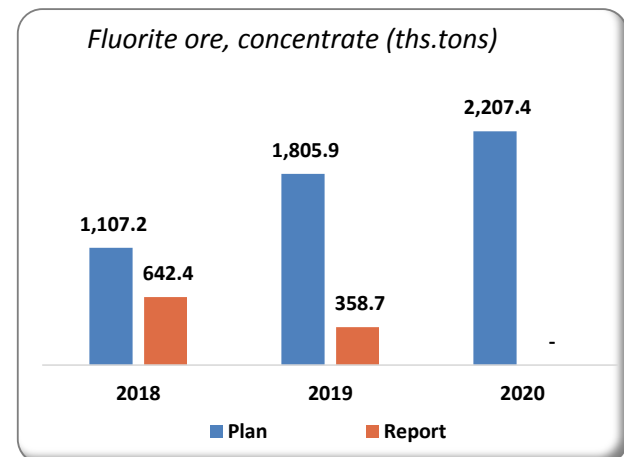
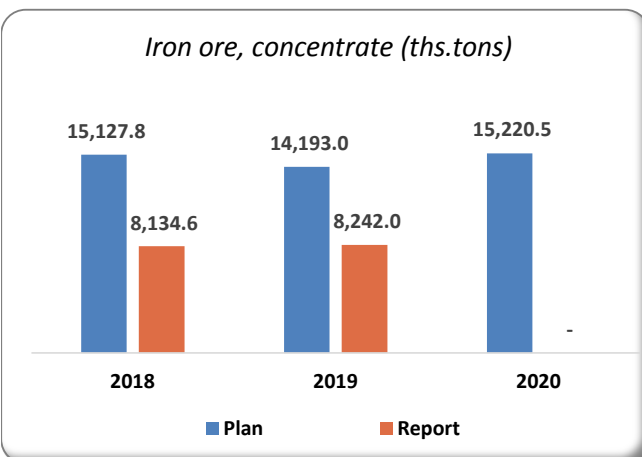
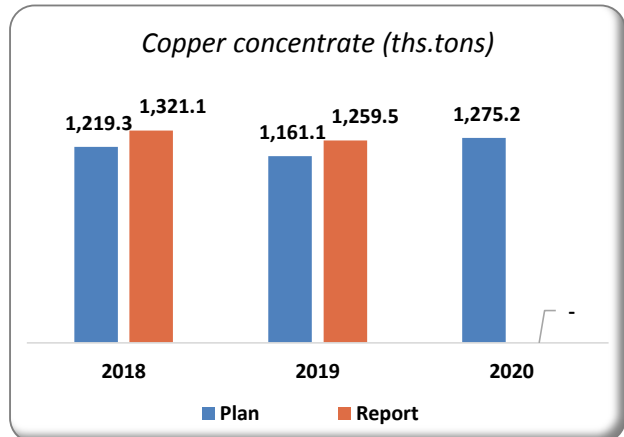
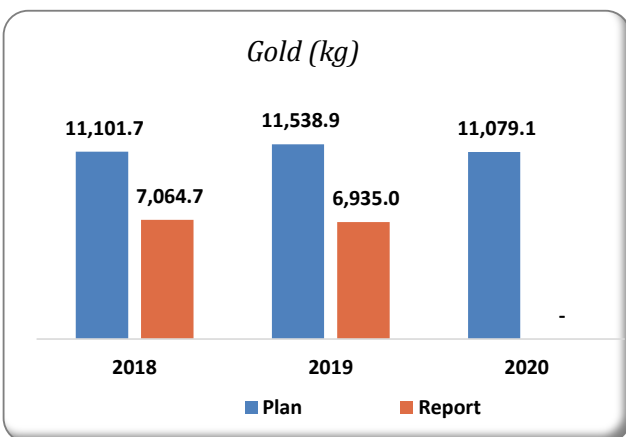
Source: Geology and Exploration Division, MRPAM

3 | MINING

3.1. MINERAL MINING ACTIVITY PLAN AND REPORT OFFICIAL STATUS, 2016-2021, (2021.I.31)



3.2. АШИГТ МАЛТМАЛ АШИГЛАХ ҮЙЛ АЖИЛЛАГААНЫ ТӨЛӨВЛӨГӨӨ, ТАЙЛАНГИЙН БҮТЭЭГДЭХҮҮН ҮЙЛДВЭРЛЭЛИЙН ХЭМЖЭЭ, ашигт малтмалын төрлөөр, 2018-2020, (2021.I.31)



Source: Mining Research Division, MRPAM

3.3. MINERAL PRODUCTION, by mineral type, 2018-2020 (2021.I.31)

	Unit of measurement	2018		2019		2020
		Plan	Report	Plan	Report	Plan
Gold (Total)	kg	20,022.9	16,174.7	18,013.2	14,416.5	15,888.9
Gold (Amount of gold that accompanies the concentrate)	kg	8,921.1	9,110.0	6,474.3	7,615.5	4,809.8
Gold (Total amount of gold to be mined from hard rock and placer deposits)	kg	11,101.7	7,064.7	11,538.9	6,935.0	11,079.1
Gold (Amount of gold to be extracted from the hard rock)	kg	3,338.6	1,641.2	3,863.8	2,045.0	4,698.1
Gold (Amount of gold to be mined from placer deposits)	kg	7,763.1	5,423.6	7,675.1	4,890.1	6,381.0
Building materials						
Lime	ths.tons	304.9	47.6	114.7	55.6	245.6
Limestone	ths.tons	1,724.7	505.5	1,761.8	412.4	1,187.7
Clinker	ths.tons	0.0	0.0	14.0	0.0	814.0
Cement	ths.tons	2,051.8	1,077.9	1,706.7	1,706.7	869.2
Mineral powder	ths.tons	0.0	0.0	31.0	0.0	0.0
Crystal	ths.tons	55.8		61.8		61.8
Marble	ths.tons	5.0	3.2	231.6	3,080.4	252.9
Gypsum	ths.tons	392.0	47.7	243.2	107.1	166.6
Tungsten	tons	1,186.7	385.7	1,544.7	165.5	621.7
Copper	ths.tons	1,219.3	1,321.1	1,161.1	1,259.5	1,275.2
Copper (Cathode)	tons	10.8	12.1	10.0	9.7	10.0
Manganese	ths.tons	230.6	0.0	230.6	0.0	129.1
Molybdenum	ths.tons	4.9	5.5	4.8	5.3	4.7
Silver	kg	7,988.9	2,885.5	4,229.3	2,972.6	12,761.9
Silver concentrate	ths.tons	13.0	0.0	0.0	0.0	194.6
Silver (Amount of silver accompanying concentrate)	kg	56,292.9	66,234.5	68,472.5	76,891.6	65,000.1
Iron	ths.tons	15,127.8	8,134.6	14,193.0	8,242.0	15,220.5
Whole iron concentrate	ths.tons	4,800.3	2,990.7	5,176.6	1,372.8	5,087.5
Iron powder concentrate	ths.tons	7,562.9	3,924.5	7,201.8	1,168.0	6,769.2
Iron ore	ths.tons	2,764.6	1,185.2	1,814.6	2,226.9	3,260.9
Powdered iron ore	ths.tons	0.0	34.3	0.0	3,474.3	103.0
Uranium	tons	5.7	0.0	16.5	0.0	22.3
Fluorite	ths.tons	1,107.2	642.4	1,805.9	358.7	2,207.4
Fluorite concentrate AG-97	ths.tons	134.1	65.3	219.9	58.3	129.0
Fluorite concentrate AG-95	ths.tons	61.8	56.5	90.2	41.0	120.9
Gravitational fluorite МГФ 55-85	ths.tons	0.0	0.0	6.3		0.0
Whole fluorite MG-92	ths.tons	39.5	7.8	28.0	2.8	28.2
Whole fluorite MG-85	ths.tons	58.6	7.0	65.0	3.5	30.0
Whole fluorite MG-80	ths.tons	10.0	2.3	16.3	1.1	12.7
Whole fluorite MG-75	ths.tons	176.4	51.0	171.6	32.7	199.9
Whole fluorite MG-65	ths.tons	0.0	9.7	1.6	15.1	6.2
Fluorite ore ФР	ths.tons	626.8	442.7	1,207.0	204.3	1,680.4
Blue lead	ths.tons	23.6	22.5	19.5	29.6	16.4
Polishing stone	ths.tons	26.3	5.1	26.3	0.0	0.0
Tin	tons	98.6	17.1	71.7	26.4	0.0
Zinc	ths.tons	112.9	118.0	136.3	123.7	129.6
Zeolite	ths.tons	39.7	0.0	39.7	0.0	105.2

Source: Mining Research Division, MRPAM

3.4. REHABILITATION WORK BY MINING LICENSE HOLDERS, 2016-2019 (2021.1.31)

	Unit	2016	2017	2018	2019*
Area covered by mining	ha	7,230.3	10,531.7	7,837.9	7,078.9
Area covered by technical rehabilitation	ha	894.2	861.7	1,767.3	1,927.6
Of which: External stockpile	ha	295.8	232.1	1,018.4	1,198.2
Internal stockpile	ha	598.2	629.6	748.9	729.8
Area covered by biological rehabilitation	ha	936.7	997.6	790.5	704.8
Area of abusive protection rehabilitation	ha	6,358.3	12,898.1	17,459.3	19,144.3
Area of remodeling the mine and rehabilitation of the village	ha	42.6	55.6	62.3	57.1
Expenses for rehabilitation	bln.MNT	11.1	9.9	22.2	28.7
Environmental expenses	bln.MNT	5.6	8.7	10.8	15.8

3.5. AREA COVERED BY MINING AND REHABILITATION AREA IN 2019*, by provinces (2021.1.31)

	Count of entities	Area covered by mining		Area covered by technical rehabilitation		Area covered by biological rehabilitation	
		Ha	Percent	Ha	Percent	Ha	Percent
		TOTAL	261	7,078.9	100%	1,927.6	100%
Arkhangai	2	2.0	0.0%	64.2	3.3%	19.8	2.8%
Bayankhongor	20	81.7	1.2%	45.2	2.3%	13.4	1.9%
Bulgan	8	62.7	0.9%	70.9	3.7%	43.1	6.1%
Bulgan, Selenge	1	4.7	0.1%	10.5	0.5%	6.9	1.0%
Bulgan, Tuv	5	95.4	1.3%	145.7	7.6%	102.5	14.5%
Govi-Altai	4	10.9	0.2%	2.9	0.1%	3.6	0.5%
Govisumber	3	2.0	0.0%	5.0	0.3%	5.0	0.7%
Darkhan Uul	10	24.2	0.3%	27.6	1.4%	13.5	1.9%
Dornogovi	28	749.4	10.6%	46.7	2.4%	12.0	1.7%
Dornod	11	195.0	2.8%	19.2	1.0%	16.7	2.4%
Dundgovi	21	86.3	1.2%	4.9	0.3%	3.7	0.5%
Zavkhan	2	3.7	0.1%	8.7	0.4%	16.5	2.3%
Orkhon	2	52.4	0.7%	2.0	0.1%	4.0	0.6%
Uvurkhangai	5	79.9	1.1%	71.6	3.7%	13.1	1.9%
Umnugovi	23	3,010.3	42.5%	993.9	51.6%	61.0	8.7%
Sukhbaatar	12	69.5	1.0%	10.1	0.5%	6.8	1.0%
Selenge	19	260.3	3.7%	85.0	4.4%	55.0	7.8%
Tuv	49	1,956.0	27.6%	284.5	14.8%	253.7	36.0%
Uvs	7	37.1	0.5%	0.3	0.0%	0.1	0.0%
Khovd	9	253.7	3.6%	0.0	0.0%	41.0	5.8%
Khentii	20	41.7	0.6%	28.7	1.5%	13.3	1.9%

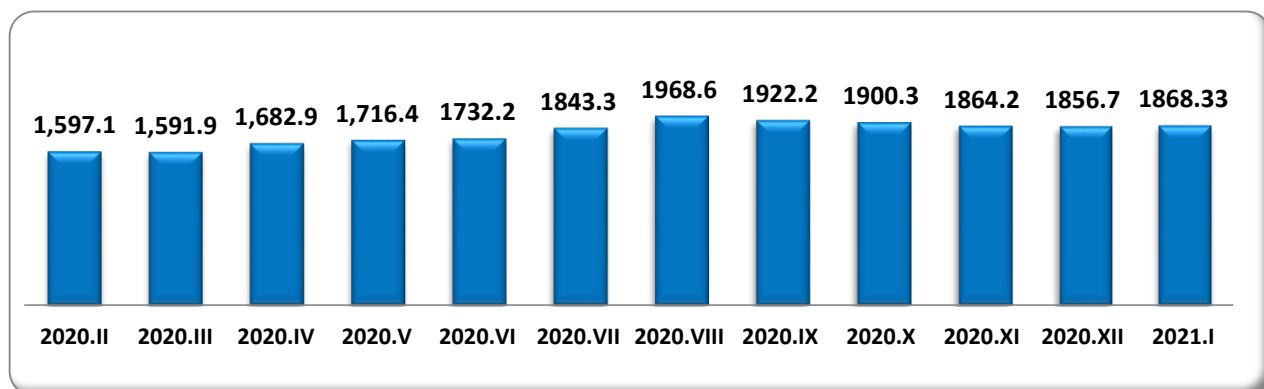
*Based on data from the 2019 Mining Report for Minerals Other than Common Minerals.

Source: Mining Production and Technology Division, MRPAM

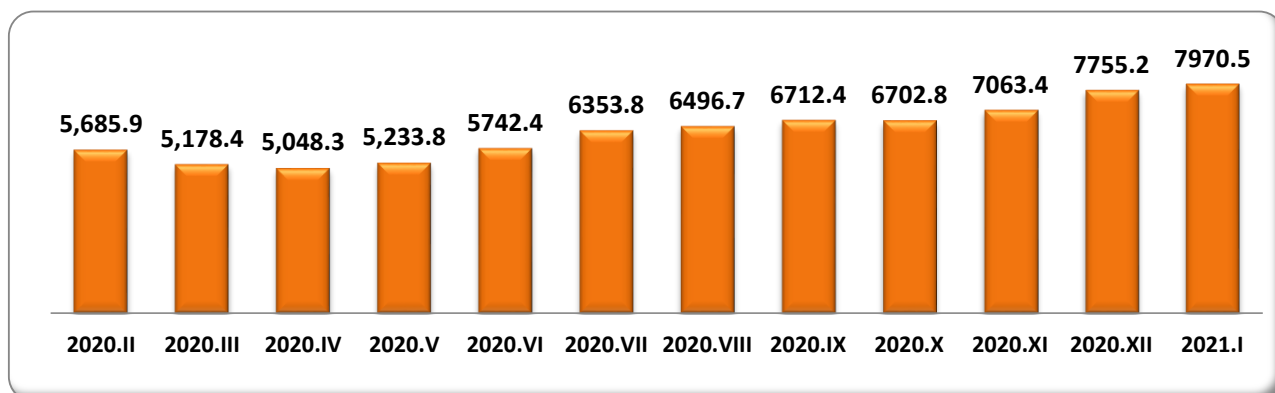
3.6. AVERAGE OF MINERAL PRICES ON THE WORLD MARKET, by 2019-2020

	Unit of measurement	2020	2020.I	2020.XII	2021.I	<u>2021.I</u> <u>2020.I</u>	<u>2021.I</u> <u>2020.XII</u>
Gold	\$/ounce	1,751.6	1,560.7	1,856.7	1,868.3	119.7%	100.6%
Silver	\$/ounce	19.7	18.0	24.8	25.9	144.1%	104.4%
Copper	\$/tons	5,920.3	6,048.7	7,755.2	7,970.5	131.8%	102.8%
Zinc	\$/tons	2,172.1	2,356.6	2,782.4	2,707.7	114.9%	97.3%
Blue lead	\$/tons	1,798.2	1,924.7	2,018.6	2,014.9	104.7%	99.8%
Tin	\$/tons	16,730.3	17,061.7	19,727.3	21,955.5	128.7%	111.3%
Molybdenum	\$/tons	18,925.5	21,786.7	20,569.1	22,421.0	102.9%	109.0%
Manganese 36%	\$/tons	202.7	189.1	173.0	195.9	103.6%	113.2%
Tungsten, 99%	\$/tons	31,217.0	32,900.0	31,000.0	34,727.0	105.6%	112.0%
Tungsten, 65%	\$/tons	11,972.7	12,568.2	13,101.2	13,663.0	108.7%	104.3%
Iron ore 56%	\$/tons	79.4	71.1	126.7	138.9	195.4%	109.6%
Iron ore 60% concentrate	\$/tons	91.7	83.6	143.3	158.7	189.8%	110.7%
Fluorite concentrate AG-97	\$/tons	375.0	415.0	355.0	355.0	85.5%	100.0%
Fluorite ore MG-85	\$/tons	300.0	300.0	300.0	300.0	100.0%	100.0%
Uranium	\$/kg	66.1	54.3	66.6	65.3	120.3%	98.1%

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

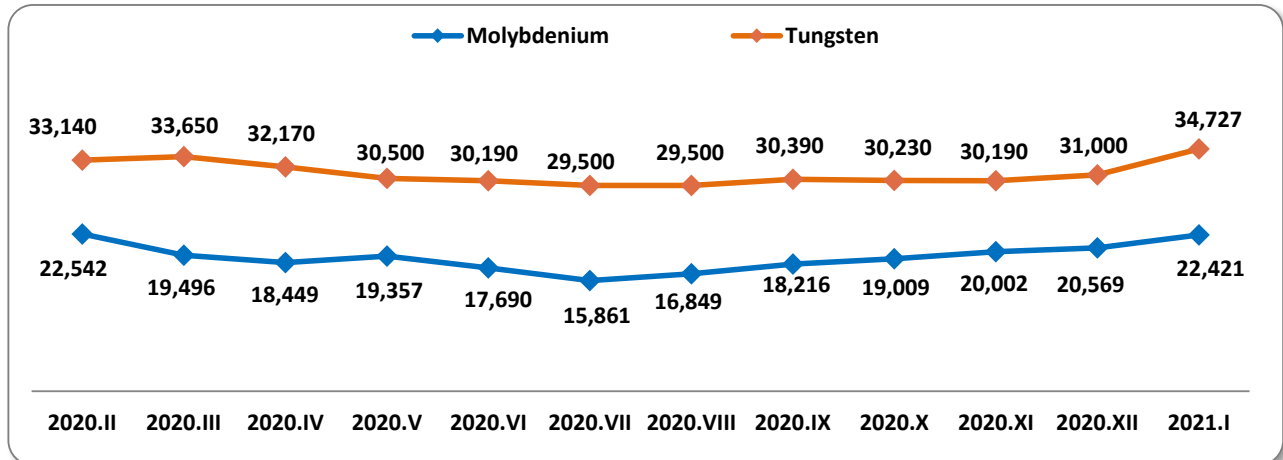


3.8. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, by US\$/tons and last 12 months

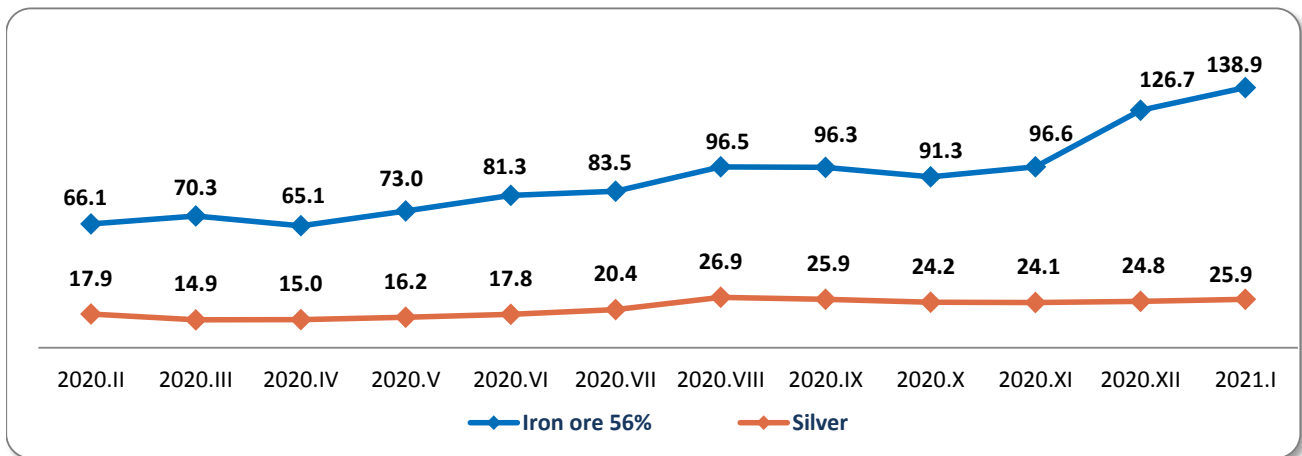


Source: www.kitco.com, www.westmetall.com, www.lme.com, www.asianmetal.com, www.lndmin.com, www.umetal.com www.sxcoal.com

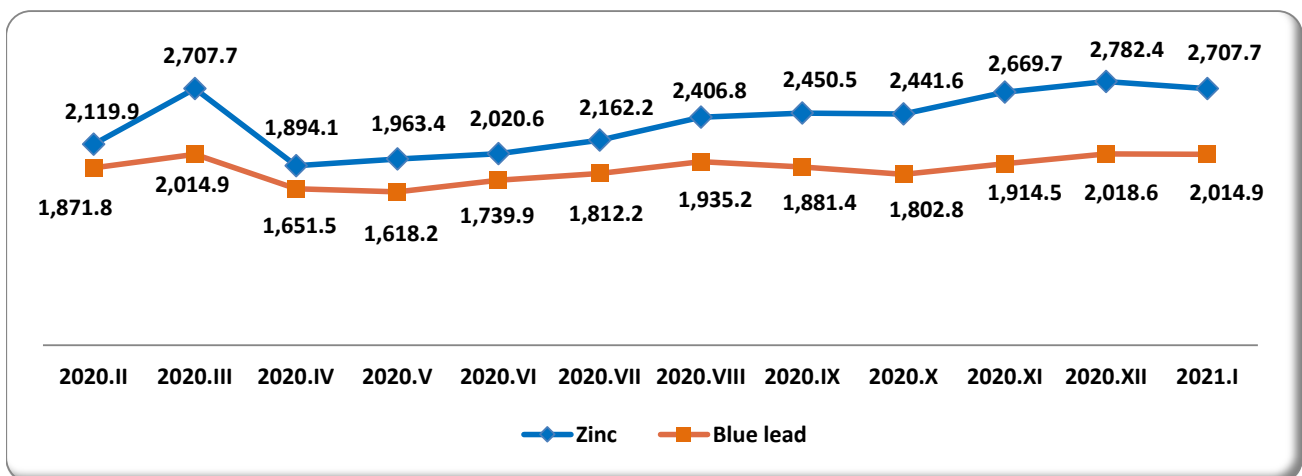
3.9. AVERAGE PRICE OF TIN, MOLYBDENIUM AND TUNGSTEN ON THE WORLD MARKET, by US\$/tons and last 12 months



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



3.11. AVERAGE PRICE OF ZINC AND BLUE LEAD ON THE WORLD MARKET, by US\$/tons and last 12 months



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

3.12. LIST OF COMPANIES REGISTERED WITH INTERNATIONAL STOCK EXCHANGE COMPANIES OPERATING IN MONGOLIA'S MINING SECTOR, by 2020-2021

	Stock exchange	Symbol	Currency	Average price						Market value /2021.II. 04/
				2020	2020.I	2020.XII	2021.I	2020.I /2020.I	2021.I /2020.XII	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	2.960	0.678	11.91	12.15	1792%	102.0%	2.419B
Peabody Energy Corporation	NYQ	BTU	USD	3.53	8.39	1.86	3.67	43.7%	197.3%	425.43M
Rio Tinto plc	LSE	RIO.L	GBp	4,394.8	4,447.8	5,493.8	5,958.5	134.0%	108.5%	70.292B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	0.72	0.084	1.01	1.13	1345%	111.9%	208.82M
Mongolian Mining Corporation	HKG	0975.HK	HKD	0.5	0.582	1.14	32.15	5524%	2820.2%	2.13B
South Gobi Resources Ltd.	HKG	1878.HK	HKD	0.63	0.858	-	-	-	-	136.35M
Centerra Gold Inc.	TOR	CG.TO	CAD	12.85	9.894	14.16	14.360	145.1%	101.4%	4.072B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.35	0.205	0.39	0.44	214.6%	112.8%	117.71M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.4	0.381	0.52	0.53	139.1%	101.9%	100.38M
Silver Elephant Mining Corp.	TOR	ELEF.TO	CAD	0.34	0.368	0.42	0.44	-	104.8%	81.526M
Steppe Gold Ltd	TOR	STGO.TO	CAD	1.78	0.856	2.23	2.39	279.2%	107.2%	161.76M
Kincora Copper Limited	VAN	KCC.V	CAD	0.09	0.048	0.08	0.27	562.5%	337.5%	13.789M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.11	-	0.15	0.15	-	100.0%	16.986M
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.04	0.036	0.04	0.39	1083%	975.0%	30.486M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.08	0.131	0.09	0.1	76.3%	111.1%	49.754M
Haranga Resources Limited	ASX	HAR.AX	AUD	-	-	-	-	-	-	-
Tian Poh Resources Limited	ASX	TPO.AX	AUD	0.05	-	-	-	-	-	19.33M
TerraCom Limited	ASX	TER.AX	AUD	0.17	-	0.16	0.16	-	100.0%	105.74M
Viking Mines Limited	ASX	VKA.AX	AUD	0.01	-	0.03	0.04	-	133.3%	19.734M
Banpu Public Company Limited	SET	BANPU.BK	THB	7.23	11.177	10.09	10.48	-	103.9%	54.298B
Petro Matad Limited	LSE	MATD.L	GBp	2.78	3.549	2.91	3.59	101.2%	123.4%	21.806M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	-	-	-	-	-	-	2.419B
Elixir Energy Limited	ASX	EXR.AX	AUD	0.12	-	0.11	0.17	-	154.5%	425.43M

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

3.13. LIST OF COMPANIES REGISTERED WITH INTERNATIONAL STOCK EXCHANGE COMPANIES OPERATING IN MONGOLIA'S MINING SECTOR, by 2020-2021

	Symbol	Average price					
		2020	2020.I	2020.XII	2021.I	<u>2021.I</u> 2020.I	<u>2021.I</u> 2020.XII
Tavantolgoi	TTL	5,851	6,516	6,080	7,017	107.7%	115.4%
Baganuur	BAN	960	952	1,032	1,030	108.2%	99.8%
Shivee-Ovoo	SHV	1,962	2,478	1,898	1,999	80.7%	105.3%
Aduunchuluun	ADL	1,055	1,354	978	-	-	-
Shariin Gol	SHG	990	1,117	838	850	76.1%	101.4%
Erdene Resource Development Corporation	ERDN	716	471	847	869	184.5%	102.6%
Mogoin gol	BDL	7,768	8,278	7,308	-	-	-
Bayanteeg	BTG	25,934	27,500	24,705	-	-	-
Berkh-Uul	BEU	558	-	600	-	-	-
Khar Tarvagatai	TVT	4,674	5,400	4,375	4,500	83.3%	102.9%
Taliin Gal	TAL	18	-	-	-	-	-
Mongol Basalt	MBW	210	259	183	181	69.9%	98.9%
Mongol Ceramic	KEK	16,500	-	-	-	-	-
Silikat	SIL	47	59	-	-	-	-
Songolon barmat	SSG	1,086	-	-	-	-	-
Remicon	RMC	27	30	24	24	80.0%	100.0%
Arig Tal	EER	2,815	2,948	2,842	2,500	84.8%	88.0%
Niislel-Urguu	NUR	2,327	-	-	-	-	-
Erchim Bayan-Ulgii	BOE	-	-	-	-	-	-
Khukh Gan	HGN	72	85	65	63	74.1%	96.9%
Nako Tulsh	NKT	28	-	24	-	-	-

Source: www.mse.mn

3.14. STRIPING, COAL PRODUCTION, SALE AND EXPORT, by 2016-2021

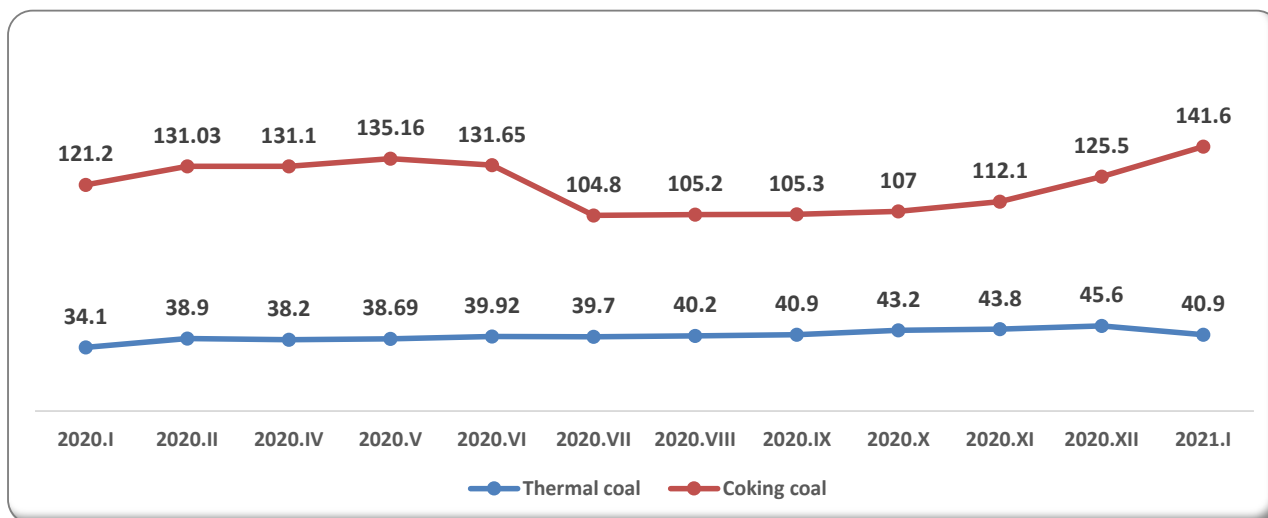
	Striping /ths.m3/	Coal production /ths.tons/	Coal sale /ths.tons/	Coal export /ths.tons/
2016	102,374.3	35,096.5	33,831.7	25,809.3
2017	197,240.8	49,480.3	41,904.6	33,400.1
2018	244,861.2	54,572.3	45,741.9	36,671.4
2019	292,181.7	57,128.8	47,047.8	36,809.1
2020	209,363.8	43,079.3	40,984.5	31,177.8
2021.I	22,757.1	4,877.2	4,392.1	3,282.7

3.15. COAL SALE, by ths.tons, type and 2021.I

	TOTAL	Export	Local
БҮГД	4,392.1	3,282.7	1,109.4
Washed coking coal	282.6	282.6	-
Raw coking coal	2,041.6	2,041.6	-
Weak coking coal	646.6	646.6	-
Thermal coal	311.9	311.9	-
Brown coal	1,109.4	0.0	1,109.4

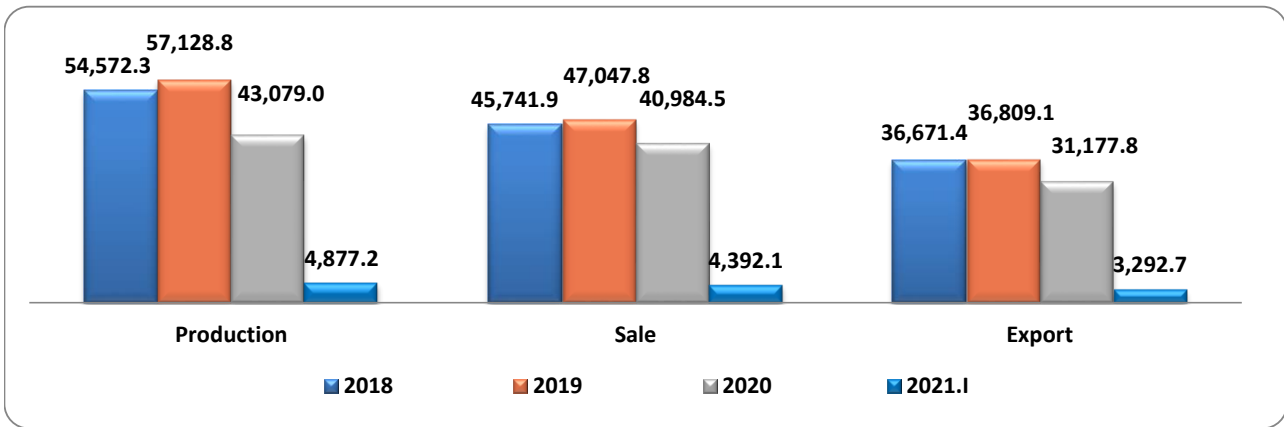
Source: Coal Research Division, MRPAM

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



Source: www.infomine.com, www.sxcoal.com

3.17. COAL PRODUCTION, SALE AND EXPORT, by *ths.tons* and 2018-2021



3.18. COAL PRODUCTION, SALE AND EXPORT, by *ths.tons*, month and 2020-2021

	Production	Sale	Export
2020	43,079.0	40,984.5	31,177.8
2020.I	3,583.0	2,908.1	2,034.7
2020.II	2,369.9	1,290.0	419.9
2020.III	1,505.9	1,320.4	640.6
2020.IV	1,699.5	1,700.7	836.8
2020.V	1,673.2	1,984.2	1,338.3
2020.VI	3,391.9	2,150.2	1,804.4
2020.VII	2,129.5	2,780.4	2,340.7
2020.VIII	3,341.8	3,141.0	2,568.5
2020.IX	3,897.4	6,032.2	5,182.0
2020.X	6,060.9	6,670.8	5,373.2
2020.XI	6,657.7	5,670.8	4,503.2
2020.XII	6,768.3	5,335.7	4,135.5
2021	4,877.2	4,392.1	3,292.7
2021.I	4,877.2	4,392.1	3,292.7
<u>2021.I</u> <u>2020.I</u>	136.1%	151.0%	161.8%

Source: Coal Research Division, MRPAM

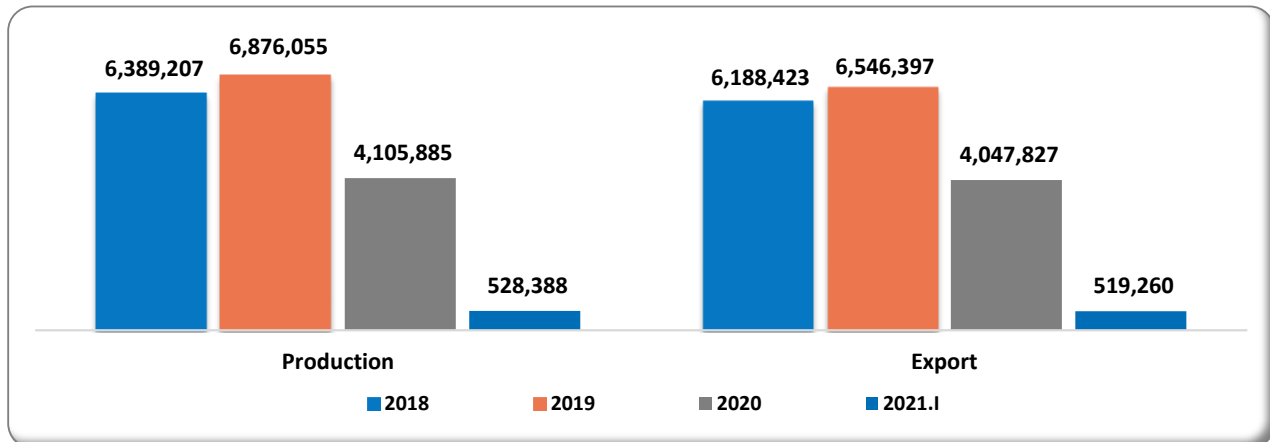
3.19. MINING AND PETROLEUM EXAMINATION AND TESTING CENTRAL LABORATORY, 2021./

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	
Raw coal	<i>Coal</i>									
	Coking	Khang	Dadiin khar tolgoi	-	-	-	-	-	-	-
		Gashuun sukhait	Erdenes tavan tolgoi	81.4	26.8	15.6	0.8	2.8	6759	
			Tavan tolgoi	84.5	28.3	16.9	0.92	3.1	6456	
		Zamiin uud	Erdenes tavan tolgoi	81.5	27.9	17.5	0.95	2.5	6456	
	Weak coking	Gashuun sukhait	Tavan tolgoi	59.8	31.6	25.9	1.06	3.6	6369	
		Shivee khuren	-	-	-	-	-	-	-	
	Non coking	Khang	-	-	-	-	-	-	-	
		Gashuun sukhait	Erdenes tavan tolgoi	0	27.9	19.9	0.95	3.6	5989	
		Shivee khuren	-	-	-	-	-	-	-	
	<i>Washed coal</i>									
	Coking	Gashuun sukhait	Ukhaa khudag	88.9	26.4	9.6	0.89	8.6	6745	
		Khang	Ail bayan	92.1	24.6	16.9	0.72	15.6	6458	
		Yarant	Mo En Ko	84.6	22.4	20.6	0.69	2.8	7505	
	Weak coking	Gashuun sukhait	Baruun naran	86.5	36	9.4	0.98	8.4	6845	
		Shivee khuren	-	-	-	-	-	-	-	
	Coke, semi-coke	Gashuun sukhait	Tavan tolgoi trans	0	2	13.9	0.77	0.7	6745	
Other	Zamiin uud	Dalan	-	-	-	-	-	-		
		Khuut	0	16	41.5	0.79	0.79	5574		
Coal	Bichigt	Tukhum	0	47.8	14.9	1.68	32.3	3508		
		Erdeniin bosgo	0	57.3	34	2.55	23.9	2985		

Source: Central Laboratory of Mining and Petroleum, MRPAM

4 | PETROLEUM

4.1. PETROLEUM PRODUCTION AND EXPORT, by barrel and 2018-2021



4.2. PETROLEUM PRODUCTION AND EXPORT, by barrel, month and 2019-2020

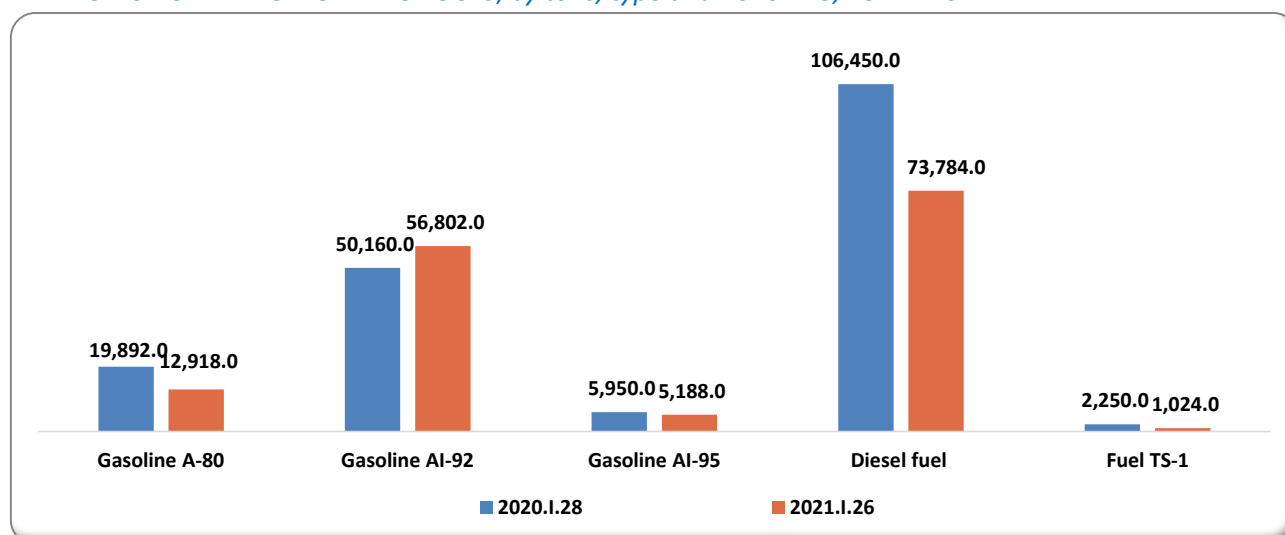
	Production		Export	
	Barrel	Percent	Barrel	Percent
2020	4,105,885	100%	4,047,827	100%
2020.I	375,848	9.2%	287,708	7.1%
2020.II	45,511	1.1%	-	-
2020.III	40,234	1.0%	34,584	0.9%
2020.IV	97,679	2.4%	165,747	4.1%
2020.V	210,549	5.1%	175,757	4.3%
2020.VI	258,256	6.3%	287,313	7.1%
2020.VII	352,651	8.6%	331,286	8.2%
2020.VIII	514,838	12.5%	548,383	13.5%
2020.IX	550,577	13.4%	548,850	13.6%
2020.X	571,504	13.9%	570,295	14.1%
2020.XI	545,036	13.3%	613,004	15.1%
2020.XII	543,201	13.2%	484,901	12.0%
2021	528,388	100.0%	519,260	100.0%
2021.I	528,388	100.0%	519,260	100.0%
2021.I 2020.I	140.6%	-	180.5%	-

Source: Petroleum Exploitation Division, MRPAM

4.3. PETROLEUM PRODUCTS IMPORTING, by tons, type, months and 2019-2021

	Total	Gasoline A-80	Gasoline AI-92	Gasoline AI-95	Gasoline AI-98	Diesel fuel	Fuel TS-1	Lique- fied gas	Other
2019	2,004,172	70,559	468,824	23,357	1,191	1,118,417	46,621	41,120	234,082
2020	1,991,167	57,597	522,558	29,861	1,068	1,049,894	24,994	25,809	279,385
2020.I	196,696	7,103	47,763	4,247	187	113,855	5,088	2,849	15,603
2020.II	108,312	2,380	24,698	1,421	63	55,442	1,145	3,971	19,193
2020.III	103,413	3,184	31,888	2,081	55	40,644	1,556	49	23,956
2020.IV	129,237	2,791	39,280	1,227	-	60,726	957	82	24,173
2020.V	164,372	4,508	52,520	1,272	-	80,278	2,058	2,770	20,966
2020.VI	229,996	6,480	56,638	2,624	-	125,992	2,999	66	35,198
2020.VII	179,201	7,240	45,696	2,190	121	85,585	738	100	37,531
2020.VIII	180,550	6,574	47,000	2,164	122	104,611	1,616	4,419	14,044
2020.IX	141,031	3,638	32,803	6,036	100	75,900	2,365	5,713	14,475
2020.X	156,935	5,459	39,905	608	243	81,378	3,813	173	25,356
2020.XI	228,630	3,505	69,808	4,478	61	115,869	209	3,054	31,647
2020.XII	172,795	4,736	34,559	1,514	115	109,613	2,451	2,563	17,244
2021	165,861	3,434	42,658	1,055	169	103,943	3,587	1,403	9,612
2021.I	165,861	3,434	42,658	1,055	169	103,943	3,587	1,403	9,612
2021.I 2020.I	84.3%	48.3%	89.3%	24.9%	90.6%	91.3%	70.5%	49.2%	61.6%

4.4. RESIDUE OF PETROLEUM PRODUCTS, by tons, type and 2020.I.28, 2021.I.26



Source: Petroleum Products Division, MRPAM

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

	New York / WTI		London / BRENT	
	Opening price	Closing price	Opening price	Closing price
2020/02/04	49.94	49.61	54.33	53.96
2020/02/11	49.61	49.94	53.62	54.01
2020/02/18	52.23	52.05	57.35	57.75
2020/02/21	51.37	49.90	56.46	54.95
2020/03/03	47.72	47.18	53.47	51.86
2020/03/10	30.37	34.36	35.84	37.22
2020/03/17	28.69	26.95	30.14	28.73
2020/03/24	23.87	24.01	27.72	27.15
2020/03/31	20.23	20.48	23.00	22.74
2020/04/07	26.34	23.63	33.66	31.87
2020/04/14	22.36	20.11	32.25	29.60
2020/04/21	-14.00	10.01	26.33	19.33
2020/04/28	12.96	12.34	19.90	20.46
2020/05/05	21.24	24.56	28.10	30.97
2020/05/12	24.49	25.78	30.07	29.98
2020/05/19	32.83	32.50	35.66	34.65
2020/05/26	33.30	34.35	35.66	36.17
2020/06/02	35.56	36.81	38.34	39.57
2020/06/09	38.22	38.94	41.10	41.18
2020/06/16	37.05	38.38	39.94	40.96
2020/06/23	0.00	40.37	43.21	42.63
2020/06/30	39.64	39.27	41.33	41.15
2020/07/07	40.68	40.62	43.13	43.08
2020/07/16	39.60	40.29	42.24	42.90
2020/07/21	40.65	41.96	43.17	44.32
2020/07/28	41.65	41.04	43.55	43.22
2020/08/04	40.78	41.70	43.84	44.43
2020/08/10	41.50	41.94	44.66	44.99
2020/08/17	42.24	42.89	44.86	45.37
2020/08/24	42.48	42.62	44.50	45.13
2020/08/31	42.90	42.61	45.80	45.28
2020/09/08	39.48	39.22	42.20	42.01
2020/09/14	37.32	37.26	39.78	39.61
2020/09/21	40.98	39.31	43.01	41.44
2020/09/29	40.07	40.60	41.98	42.43
2020/10/05	37.00	39.22	39.19	41.29
2020/10/12	40.40	39.43	42.60	41.72
2020/10/19	40.70	40.83	42.70	42.60
2020/10/26	39.15	38.56	41.53	40.46
2020/11/02	35.24	36.81	35.24	36.81
2020/11/09	37.34	40.30	37.34	40.30
2020/11/16	40.17	41.34	40.17	41.34
2020/11/23	42.46	43.06	42.46	43.06
2020/11/30	45.34	45.34	47.91	47.59
2020/12/07	45.64	46.26	49.06	48.64
2020/12/14	46.73	46.99	50.05	50.29
2020/12/21	48.54	47.74	51.38	50.84
2020/12/27	48.16	47.88	51.02	50.96
2021/01/04	48.40	47.62	51.50	51.09
2021/01/11	52.30	52.12	55.93	55.62
2021/01/18	52.20	52.34	54.75	55.02
2021/01/25	52.28	52.86	55.32	55.73
2021.I.25	108.6%	110.4%	108.4%	109.4%
2020.XII.27				
2021.I.25	99.1%	98.8%	93.7%	93.6%
2020.I.28				

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, by MNT/litre, provinces and 2020.XII.28, 2021.I.26

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2020. XII.28	2021. I.26	<u>2021.I.26</u> 2020.XII.28	2020. XII.28	2021. I.26	<u>2021.I.26</u> 2020.XII.28	2020. XII.28	2021. I.26	<u>2021.I.26</u> 2020.XII.28	2020. XII.28	2021. I.26	<u>2021.I.26</u> 2020.XII.28
NATIONAL AVERAGE PRICE	1,455	1,483	101.9%	1,534	1,559	101.6%	2,077	2,083	100.3%	1,976	2,025	102.5%
Western region	1,516	1,540	101.6%	1,612	1,630	101.1%	-	-	-	1,854	1,894	102.2%
Bayan-Ulgii	1,450	1,450	100.0%	1,520	1,520	100.0%	-	-	-	1,600	1,600	100.0%
Govi-Altai	1,510	1,560	103.3%	1,560	1,630	104.5%	-	-	-	1,970	2,070	105.1%
Zavkhan	1,550	1,620	104.5%	1,700	1,720	101.2%	-	-	-	1,950	2,050	105.1%
Uvs	1,520	1,520	100.0%	1,630	1,630	100.0%	-	-	-	1,950	1,950	100.0%
Hovd	1,550	1,550	100.0%	1,650	1,650	100.0%	-	-	-	1,800	1,800	100.0%
Hangai region	1,384	1,439	103.9%	1,460	1,514	103.7%	2,083	2,098	100.7%	1,989	2,047	102.9%
Arkhangai	1,420	1,450	102.1%	1,500	1,530	102.0%	2,140	2,140	100.0%	2,100	2,100	100.0%
Bayankhongor	1,370	1,460	106.6%	1,500	1,560	104.0%	-	-	-	1,950	2,000	102.6%
Bulgan	1,360	1,440	105.9%	1,420	1,490	104.9%	2,050	2,090	102.0%	2,020	2,080	103.0%
Uvurkhangai	1,380	1,450	105.1%	1,400	1,500	107.1%	2,140	2,140	100.0%	1,900	2,000	105.3%
Orkhon	1,360	1,420	104.4%	1,420	1,490	104.9%	2,040	2,090	102.5%	1,960	2,060	105.1%
Selenge	1,400	1,400	100.0%	1,470	1,470	100.0%	2,030	2,030	100.0%	2,090	2,090	100.0%
Khuvsgul	1,400	1,450	103.6%	1,510	1,560	103.3%	2,100	2,100	100.0%	1,900	2,000	105.3%
Central region	1,430	1,455	101.7%	1,502	1,523	101.4%	2,047	2,050	100.2%	2,038	2,087	102.4%
Ulaanbaatar	1370- 1450	1400- 1450	100.0%- 102.2%	1400- 1470	1450- 1470	100.0%- 103.6%	2000- 2010	2000- 2010	100.0%	2090- 2100	1950- 2100	93.3%- 100.0%
Tuv	1,390	1,430	102.9%	1,430	1,470	102.8%	2,020	2,020	100.0%	1,900	1,990	104.7%
Darkhan	1,400	1,400	100.0%	1,470	1,470	100.0%	2,000	2,020	101.0%	1,960	2,060	105.1%
Govisumber	1,440	1,440	100.0%	1,510	1,510	100.0%	2,050	2,050	100.0%	1,990	2,090	105.0%
Dundgovi	1,480	1,500	101.4%	1,540	1,560	101.3%	2,060	2,060	100.0%	2,130	2,130	100.0%
Dornogovi	1,410	1,430	101.4%	1,530	1,550	101.3%	2,050	2,050	100.0%	2,100	2,100	100.0%
Umnugovi	1,460	1,530	104.8%	1,530	1,580	103.3%	2,100	2,100	100.0%	2,150	2,150	100.0%
Eastern region	1,490	1,497	100.4%	1,563	1,570	100.4%	2,100	2,100	100.0%	2,023	2,073	102.5%
Dornod	1,520	1,520	100.0%	1,560	1,560	100.0%	2,100	2,100	100.0%	2,000	2,000	100.0%
Sukhbaatar	1,500	1,500	100.0%	1,600	1,600	100.0%	2,150	2,150	100.0%	2,220	2,220	100.0%
Khentii	1,450	1,470	101.4%	1,530	1,550	101.3%	2,050	2,050	100.0%	1,850	2,000	108.1%

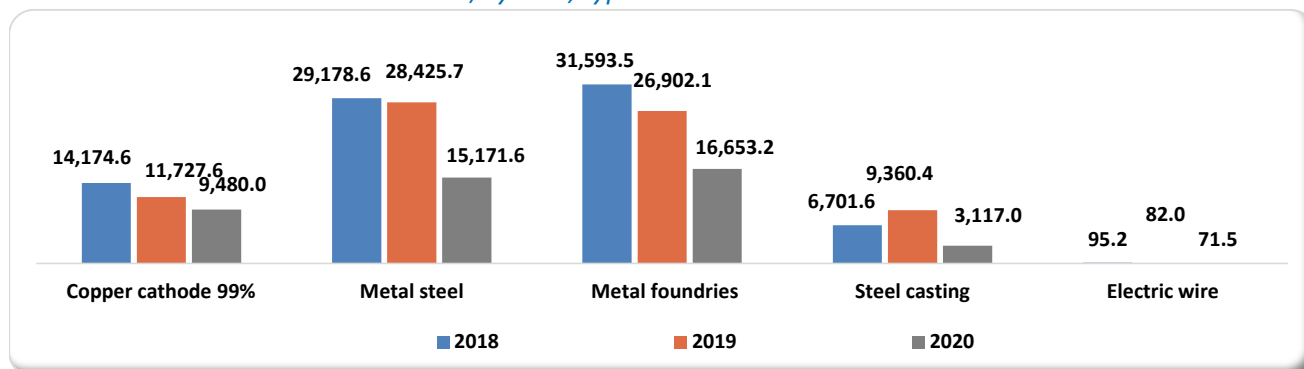
Source: Petroleum Products Division, MRPAM

4.7. RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, by MNT/litre, type, and end of month 2019-2021

	Gasoline A-80	Gasoline AI-92	Gasoline AI-95	Diesel fuel
2019.I.29	1768	1823	2206	2353
2019.II.26	1763	1819	2206	2351
2019.III.26	1763	1819	2206	2348
2019.IV.30	1803	1885	2248	2401
2019.V.28	1875	1980	2325	2445
2019.VI.25	1874	1968	2297	2435
2019.VII.30	1845	1921	2262	2433
2019.VIII.27	1844	1920	2260	2432
2019.IX.24	1844	1920	2260	2426
2019.X.29	1847	1920	2260	2425
2019.XI.25	1847	1925	2260	2526
2019.XII.30	1847	1925	2260	2524
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	1482	1559	2083	2025
<u>2021.I.26</u> <u>2020.XII.28</u>	101.9%	101.6%	100.3%	102.5%
<u>2021.I.26</u> <u>2020.I.28</u>	80.2%	81.0%	92.2%	80.2%
<u>2021.I.26</u> <u>2019.I.29</u>	83.8%	85.5%	94.4%	86.0%

Source: Petroleum Products Division, MRPAM

5.1. HEAVY INDUSTRIAL PRODUCTION, by tons, type and 2018-2020

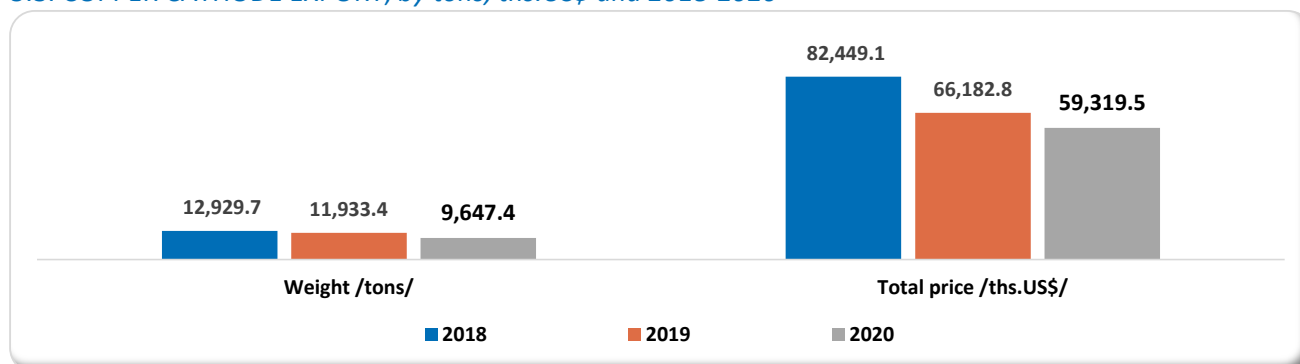


5.2. HEAVY INDUSTRIAL PRODUCTION, by tons, type and months, 2019-2020

	Copper cathode 99%	Metal steel	Metal foundries	Steel casting	Electric wire
2019	11,727.6	28,425.7	26,902.1	9,360.4	82.0
2019.I	1,236.5	3,520.6	3,624.9	386.7	9.2
2019.II	1,020.9	3,675.9	3,932.0	311.6	7.7
2019.III	1,038.7	624.2	-	496.3	9.1
2019.IV	1,031.9	2,035.8	1,704.1	998.1	13.1
2019.V	1,076.5	3,661.9	4,096.0	1,179.9	6.9
2019.VI	884.4	2,540.7	3,072.4	859.1	6.1
2019.VII	986.3	3,191.9	2,242.1	226.8	4.0
2019.VIII	931.4	805.1	1,603.0	1,052.9	-
2019.IX	743.7	1,695.9	3,312.2	1,092.5	7.0
2019.X	933.7	2,126.0	-	978.9	13.4
2019.XI	912.3	2,116.4	-	942.1	4.7
2019.XII	931.3	2,431.3	3,315.4	835.5	0.8
2020	9,480.0	15,171.6	16,653.2	3,117.0	71.5
2020.I	903.9	2,458.4	3,679.0	722.3	0.4
2020.II	817.3	2,158.4	3,390.8	-	8.3
2020.III	727.0	41.7	-	462.9	8.7
2020.IV	741.8	3,224.4	-	726.3	8.4
2020.V	793.3	89.9	3,702.4	825.3	3.7
2020.VI	693.2	3,249.4	-	0.7	10.6
2020.VII	818.6	73.1	-	-	3.6
2020.VIII	684.2	72.1	-	0.4	10.8
2020.IX	694.6	3,621.8	2,372.0	0.4	8.6
2020.X	871.0	168.6	3,509.0	0.4	7.0
2020.XI	814.7	8.7	-	0.3	1.4
2020.XII	920.4	5.1	-	378.0	-
2020.XII	98.8%	0.2%	-	45.24%	29.8%
2019.XII					
2020	80.8%	53.4%	61.9%	33.3%	87.2%
2019					

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

5.3. COPPER CATHODE EXPORT, by tons, ths.US\$ and 2018-2020



5.4. COPPER CATHODE EXPORT, by tons, ths US\$, month and 2019-2020

	Weight		Total price	
	Tons	Percent	Ths.US\$	Percent
2019	11,933.4	100%	66,182.8	100%
2019.I	760.0	6.4%	4,381.0	6.6%
2019.II	761.0	6.4%	4,518.5	6.8%
2019.III	760.8	6.4%	4,769.4	7.2%
2019.IV	760.5	6.4%	4,779.7	7.2%
2019.V	760.7	6.4%	4,564.4	6.9%
2019.VI	761.0	6.4%	4,312.7	6.5%
2019.VII	560.7	4.7%	530.8	0.8%
2019.VIII	1,161.7	9.7%	6,450.5	9.7%
2019.IX	1,161.2	9.7%	6,395.5	9.7%
2019.X	1,161.2	9.7%	6,397.5	9.7%
2019.XI	1,362.0	11.4%	7,714.2	11.7%
2019.XII	1,962.6	16.4%	11,368.6	17.2%
2020	9,647.4	100%	59,319.5	100%
2020.I	960.7	10.0%	5,710.3	9.6%
2020.II	1,161.0	12.0%	6,408.3	10.8%
2020.III	960.9	10.0%	5,179.7	8.7%
2020.IV	720.5	7.5%	3,466.4	5.8%
2020.V	760.5	7.9%	3,774.4	6.4%
2020.VI	1,160.8	12.0%	6,225.3	10.5%
2020.VII	159.8	1.7%	910.3	1.5%
2020.VIII	120.0	1.2%	757.0	1.3%
2020.IX	159.9	1.7%	1,031.8	1.7%
2020.X	159.9	1.7%	1,066.1	1.8%
2020.XI	-	-	-	-
2020.XII	3,323.4	34.4%	24,790.0	41.8%
2020.XII	169.3%	-	218.1%	-
2020	112.1%	-	89.6%	-

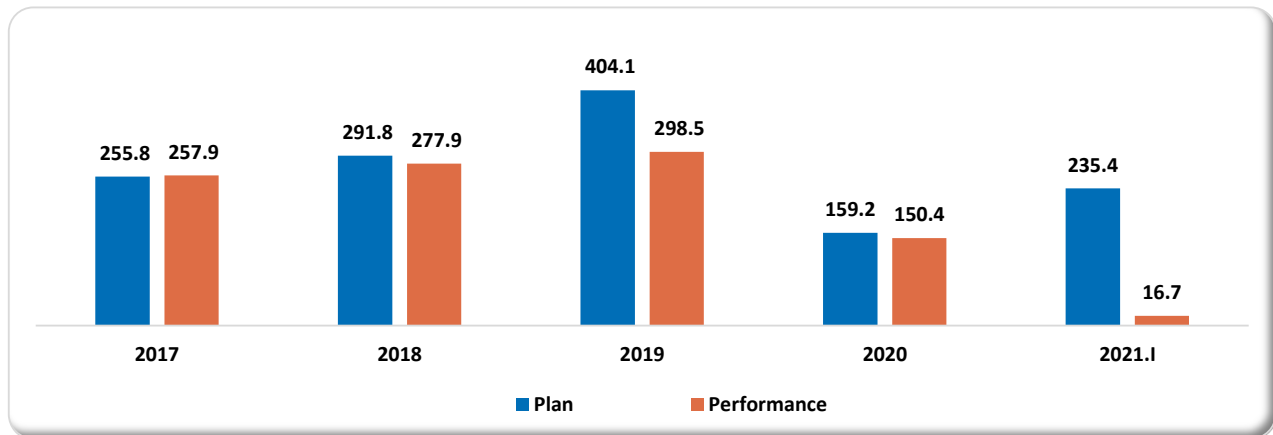
Source: Heavy Industry Research, Technical and Technological Division, MRPAM

6 | STATE BUDGET REVENUE

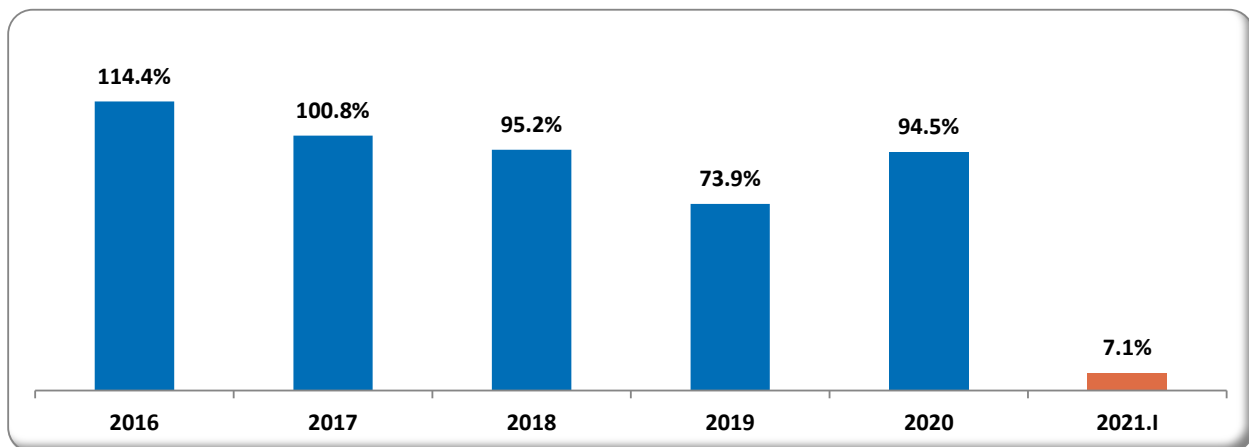
6.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, by million.MNT, income type and 2021.I

	Plan of 2021	2021.I	
		Performance	Performance rate
TOTAL	235,400.0	16,685.8	7.1%
License fee	31,200.0	2,432.7	7.8%
Reimbursement	2,500.0	61.3	2.5%
Petroleum export revenue	183,200.0	14,014.1	7.6%
Service revenue (petroleum)	873.9	0.0	0.0%
Service revenue (mineral resources)	1,626.1	140.4	8.6%
Tender revenue	16,000.0	37.3	0.2%

6.2. BUDGET REVENUE OF MRPAM, by billion MNT and 2017-2021



6.3. BUDGET PERFORMANCE RATE OF MRPAM, by 2016-2020



Source: Public Administration and Management 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 Statistics Division of
Mineral Resources and Petroleum Authority**

Address:

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

Fax: 11-310370

Tel: 70181308

E-mail: info@mrpam.gov.mn

Web: www.mrpam.gov.mn