



IMPLEMENTING AGENCY OF MONGOLIAN GOVERNMENT
MINERAL RESOURCES AND PETROLEUM AUTHORITY



MINERAL RESOURCES AND PETROLEUM STATISTICS

2021/06



www.mrpam.gov.mn

CONTENTS

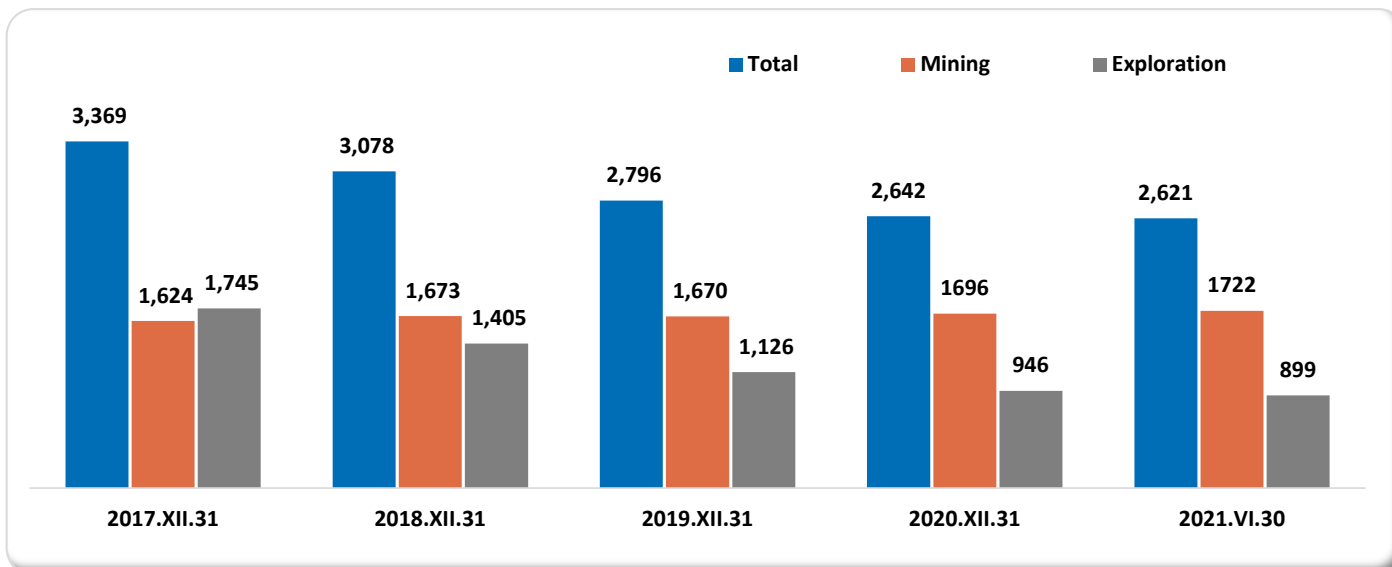
I. CADASTRE	3
II. GEOLOGY.....	12
III. MINING	14
IV. PETROLEUM	24
V. HEAVY INDUSTRY	29
VI. STATE BUDGET REVENUE OF MRPAM	30

1.1. NUMBER OF VALID LICENSES AND AREA SIZE, 2021.VI.30 , by provinces

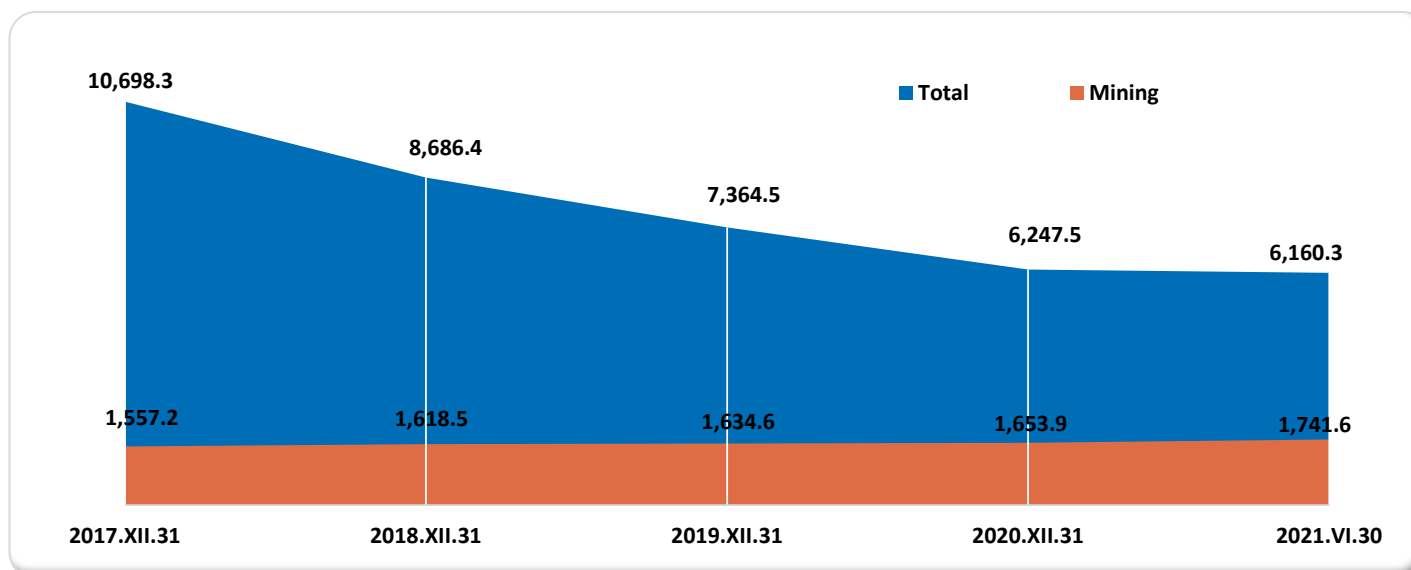
	TOTAL			Of which:					
	Count of licenses	Area size /ths.ha/	Percent of total territory	Mining			Exploration		
				Count of licenses	Area size /ths.ha/	Percent of total territory	Count of licenses	Area size /ths.ha/	Percent of total territory
TOTAL	2,621	6,160.3	3.9%	1,722	1,741.6	1.1%	899	4,418.7	2.8%
Arkhangai	26	24.5	0.4%	18	10.7	0.2%	8	13.8	0.2%
Bayan-Ulgii	54	151.4	3.3%	29	16.4	0.4%	25	135.0	2.9%
Bayankhongor	137	345.4	3.0%	91	124.7	1.1%	46	220.7	1.9%
Bulgan	103	88.7	1.8%	78	41.6	0.9%	25	47.1	1.0%
Govi-Altai	134	581.9	4.1%	55	92.2	0.7%	79	489.7	3.5%
Govisumber	16	44.6	8.1%	13	38.9	7.0%	3	5.8	1.0%
Darkhan Uul	66	9.1	2.8%	61	7.6	2.3%	5	1.5	0.5%
Dornogovi	333	1,069.9	9.8%	203	261.9	2.4%	130	808.0	7.4%
Dornod	154	540.5	4.4%	73	63.7	0.5%	81	476.9	3.9%
Dundgovi	192	592.6	7.9%	113	175.6	2.4%	79	417.1	5.6%
Zavhan	46	166.2	2.0%	12	18.6	0.2%	34	147.6	1.8%
Orkhon	8	11.0	13.1%	8	11.0	13.1%	0	0.0	0.0%
Uvurkhangai	43	101.2	1.6%	27	15.3	0.2%	16	85.9	1.4%
Umnugovi	159	926.4	5.6%	104	479.7	2.9%	55	446.6	2.7%
Sukhbaatar	91	248.0	3.0%	72	68.2	0.8%	19	179.8	2.2%
Selenge	172	84.7	2.0%	140	42.2	1.0%	32	42.5	1.0%
Tuv	382	349.5	4.7%	307	158.5	2.1%	75	191.0	2.6%
Uvs	107	283.6	4.1%	42	19.9	0.3%	65	263.7	3.8%
Ulaanbaatar	156	14.0	3.0%	150	13.1	2.8%	6	0.9	0.2%
Khuvsgul	22	10.6	0.1%	21	10.3	0.1%	1	0.3	0.0%
Khovd	89	217.2	2.9%	37	17.2	0.2%	52	200.0	2.6%
Khentii	212	299.3	3.7%	125	54.3	0.7%	87	245.0	3.0%

Source: Geology and Mining Cadastre Division, MRPAM

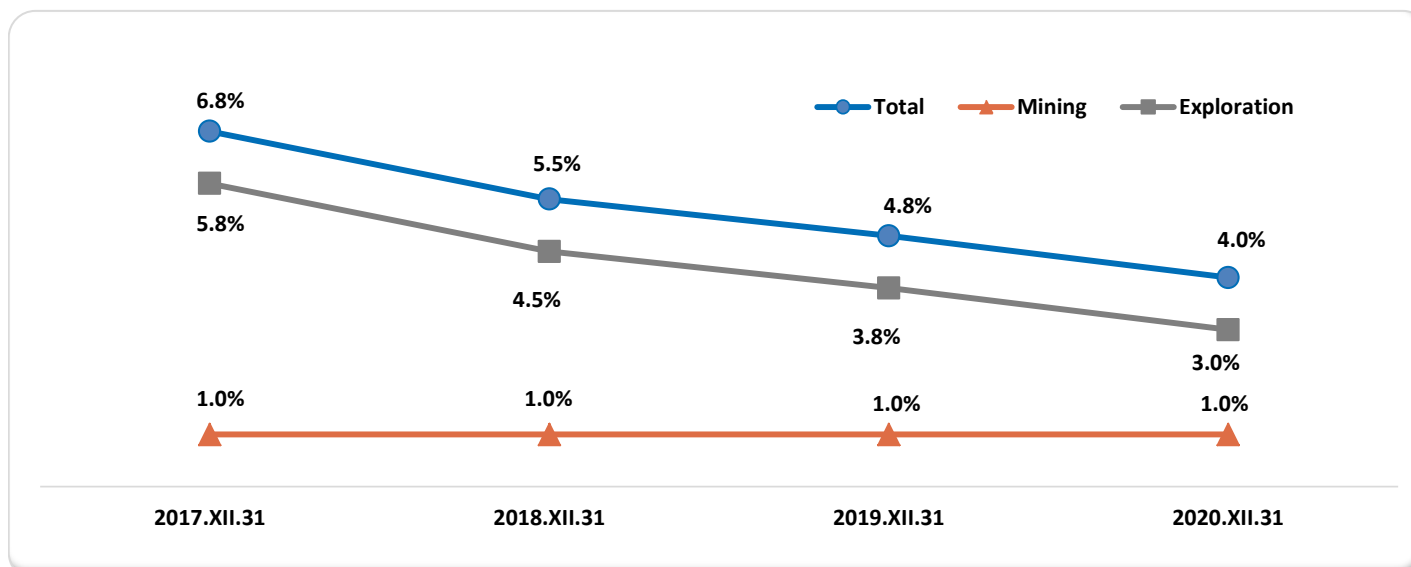
1.2. NUMBER OF TOTAL VALID LICENSES, 2017-2021



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



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



Source: Geology and Mining Cadastre Division, MRPAM

1.5.NUMBER OF MINING LICENSE, 2021.VI.30, by type of minerals

	Mining license		Area size	
	Amount	Share to total	Hectare	Share to total
TOTAL	1722	100%	1,741,597.9	100%
Gold (placer)	445	25.8%	163,541.4	9.4%
Coal	304	17.7%	802,494.8	46.1%
Fluorite	202	11.7%	36,069.2	2.1%
Gold (placer)	90	5.2%	80,784.8	4.6%
Iron	78	4.5%	48,746.8	2.8%
limestone	76	4.4%	46,917.8	2.7%
Common mineral, gravel, sand	70	4.1%	3,684.6	0.2%
Common mineral, mud	45	2.6%	2,610.9	0.1%
Common mineral, aggregate stone	34	2.0%	9,240.3	0.5%
Tungsten	29	1.7%	9,062.1	0.5%
Gypsum	26	1.5%	8,761.2	0.5%
Common mineral, sand	24	1.4%	1,333.4	0.1%
Concentrated metal	23	1.3%	26,976.6	1.5%
Copper	19	1.1%	86,141.4	4.9%
Gold (placer), copper	14	0.8%	86,764.3	5.0%
Tin	12	0.7%	5,386.5	0.3%
Molybdenum	9	0.5%	10,513.1	0.6%
Earth rare metal	9	0.5%	7,435.4	0.4%
Graphite	8	0.5%	18,106.4	1.0%
Copper, molybdenum	8	0.5%	14,328.3	0.8%
Common mineral, sand stone	8	0.5%	1,553.5	0.1%
Uranium	7	0.4%	76,866.1	4.4%
Marble	7	0.4%	2,020.0	0.1%
Copper, gold	5	0.3%	8,807.4	0.5%
Molybdenum,tungsten	5	0.3%	5,047.1	0.3%
Aggregate stone	5	0.3%	1,698.9	0.1%
Iron, zinc	5	0.3%	1,126.4	0.1%
Manganese	4	0.2%	7,507.0	0.4%
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	1.3%
Gold (placer), silver	3	0.2%	9,587.7	0.6%
Aluminium	3	0.2%	1,370.9	0.1%
Other	130	7.5%	129,853.3	7.5%

Source: Geology and Mining Cadastre Division, MRPAM

1.6. REGISTERED AREA, 2021.VI.30, by mln.ha, overlap

	Hectare	Share 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	30.3	19.4%
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, 2021.VI.30, by provinces

	Number of area		Area size	
	Amount	Share to total	Hectare	Share to total
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, 2021.VI.30

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
TOTAL	1707	2621	6,160,342.6	100.0%
Mongolian entities	1370	2086	4,589,696.3	74.5%
100% foreign entities	242	392	1,270,089.2	20.6%
Joint foreign entities	95	143	300,557.1	4.9%

1.9. ORIGIN OF 100% FOREIGN LICENSE HOLDERS, 2021.VI.30, by countries

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
TOTAL	242	392	1,270,089.2	100%
China	129	160	294,425.9	23.18%
Virgin Islands	30	55	107,846.2	8.49%
Hong Kong	14	30	88,045.4	6.93%
Singapore	14	57	336,798.1	26.52%
Canada	12	24	250,079.1	19.69%
South Korea	10	12	10,489.2	0.83%
Australia	4	4	22,097.0	1.74%
Russia	4	5	2,490.4	0.20%
Great Britain	3	11	103,935.7	8.18%
Holland	3	4	6,038.7	0.48%
Germany	2	2	603.9	0.05%
Japan	2	3	3,015.1	0.24%
Bermud	2	3	7,314.3	0.58%
Luxemburg	2	6	13,528.2	1.07%
United States of America	2	4	2,442.3	0.19%
Russia, South Korea	1	1	118.2	0.01%
Kazakhstan	1	1	136.5	0.01%
Thailand	1	1	3,027.9	0.24%
Malaysia	1	2	2,416.5	0.19%
Barbados	1	3	9,183.0	0.72%
Russia, China	1	1	47.5	0.00%
Virgin Islands, Singapore	1	1	1,934.0	0.15%
Bulgaria	1	1	3,700.9	0.29%
Seychelles	1	1	375.2	0.03%

Source: Geology and Mining Cadastre Division, MRPAM

1.10. ORIGIN OF JOINT FOREIGN LICENSE HOLDERS, 2021.VI.30, by countries

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
TOTAL	95	143	300,557.1	100%
Mongolia, China	45	63	89,272.3	29.7%
Mongolia, South Korea	9	14	24,162.5	8.0%
Mongolia, Russia	8	12	3,929.1	1.3%
Mongolia, Virgin Islands	6	10	35,233.8	11.7%
Mongolia, Japan	4	7	13,386.0	4.5%
Mongolia, Germany	3	4	5,911.9	2.0%
Mongolia, Singapore	3	4	4,296.9	1.4%
Mongolia, Great Britain	2	2	5,135.2	1.7%
Mongolia, Hong Kong	2	7	23,454.2	7.8%
Mongolia, Czech Republic	2	5	28,576.6	9.5%
Mongolia, Hong Kong, Japan	1	3	43,809.3	14.6%
Mongolia, Kazakhstan	1	1	1,789.4	0.6%
Mongolia, Hungary	1	1	87.4	0.0%
Mongolia, Singapore, Hong Kong	1	1	1,469.5	0.5%
Mongolia, Luxemburg	1	1	3,273.9	1.1%
Mongolia, Russia, Ukraine	1	1	46.9	0.0%
Mongolia, United States of America, Virgin Islands, South Korea	1	1	3,766.7	1.3%
Mongolia, Bulgaria	1	3	1,083.7	0.4%
Mongolia, Canada, China	1	1	6,352.8	2.1%
Mongolia, Canada	1	1	3,957.7	1.3%
Mongolia, Poland	1	1	1,561.3	0.5%

Source: Geology and Mining Cadastre Division, MRPAM

1.11. PLEDGING LICENSES, 2021.VI.30, by bank and non-bank financial institute

	License		Area	
	Number	Share to total	Hectare	Share to total
TOTAL	244	100%	197,849.7	100%
Trade and Development Bank	45	18.4%	24,848.3	12.6%
Golomt Bank	36	14.8%	30,291.2	15.3%
Development Bank of Mongolia	26	10.7%	19,706.5	10.0%
ABTS NBFi	17	7.0%	28,681.7	14.5%
HAAN Bank	15	6.1%	2,780.7	1.4%
Anod Bank	8	3.3%	7,427.3	3.8%
XAC Bank	8	3.3%	2,438.4	1.2%
Capital Bank	8	3.3%	1,068.8	0.5%
Chinggis Khan Bank	8	3.3%	3,441.6	1.7%
European Bank for Reconstruction and Development	7	2.9%	2,658.5	1.3%
Golomt, Saving, Zoos, Anod Banks	6	2.5%	3,277.7	1.7%
Capitron bank	5	2.0%	6,710.5	3.4%
Credit bank	4	1.6%	284.8	0.1%
State Bank	4	1.6%	570.6	0.3%
Transport Development bank	3	1.2%	348.2	0.2%
Bogd bank	3	1.2%	154.0	0.1%
GSB capital NBFi	3	1.2%	9,484.0	4.8%
Export-Import Bank of China	3	1.2%	1,092.0	0.6%
Khutult nomgon	3	1.2%	279.1	0.1%
Triple flag mining finance Bermuda Ltd	3	1.2%	13,017.0	6.6%
Bank of China	3	1.2%	871.6	0.4%
First lithium Corporation	2	0.8%	17,131.1	8.7%
National Investment Bank	2	0.8%	805.0	0.4%
Erel bank	2	0.8%	150.3	0.1%
Other	20	8.2%	20,330.6	10.3%

Source: Geology and Mining Cadastre Division, MRPAM

1.12. LIST OF LICENSE HOLDERS WITH 10 AND ABOVE LICENSES, 2021.VI.30

No	Name of entity	Number of license	Area size /ha/	Company type	Nationality
1	Mongolrosvetmet	27	15,145.4	mongolian legal entity	Mongolia
2	Mongolyn alt Mak	23	62,251.0	mongolian legal entity	Mongolia
3	Gatsuurt	16	8,799.4	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, 2021.VI.30

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: Geology and Mining Cadastre Division, MRPAM

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

	2017	2018	2019	2020	2021.I-VI
TOTAL	813	1187	698	502	357
New license	288	226	218	253	162
Mining	65	78	73	87	19
Exploration	0	0	0	0	0
Tender	223	148	145	166	143
Extension of exploration license	231	657	273	75	117
Transfer	153	157	72	80	36
Mining	78	25	24	32	8
Exploration	75	132	48	48	28
Pledge	37	61	25	28	30
Mining	32	58	24	28	26
Exploration	5	3	1	0	4
Surrender	104	86	110	66	12
Mining	14	12	12	16	4
Exploration	90	74	98	50	8

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

	2017	2018	2019	2020	2021.I-VI
New license	151	85	130	90	69
Mining	77	61	59	55	28
Exploration	41	5	0	8	0
Tender	33	19	71	27	41
Surrendered	97	91	93	71	10
Mining	13	11	11	16	1
Exploration	84	80	82	55	9
Canceled	237	181	189	140	49
Mining	35	33	70	52	16
Exploration	202	148	119	88	33
Expired	176	209	199	133	56
Transferred	136	172	71	83	38
Mining	62	38	24	35	8
Exploration	74	134	47	48	30
Extended	162	566	300	68	77
Pledged	39	56	23	27	31
Mining	34	53	23	27	27
Exploration	5	3	0	0	4
Terminated pledges	39	27	31	28	6
Mining	38	26	30	28	6
Exploration	1	1	1	0	0
Re-issue of license documents	26	40	27	17	3
Mining	19	13	14	11	2
Exploration	7	27	13	6	1

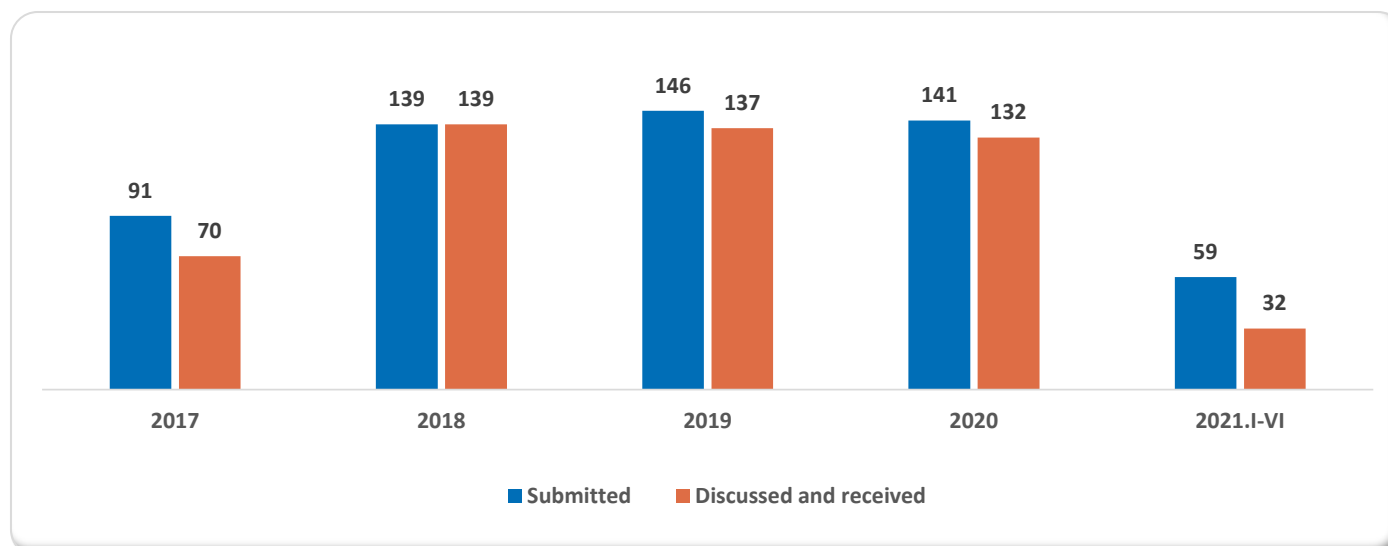
Source: Geology and Mining Cadastre Division, MRPAM

2.1. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, 2019-2020 (2021.VII.01), by million MNT and type work

	2019		2020	
	Дүн	Хувь	Дүн	Хувь
TOTAL	141,542.1	100%	86,033.2	100%
Preparation	3,837.7	2.7%	1,937.9	2.3%
Mapping	2,119.2	1.5%	1,230.4	1.4%
Geological survey	2,498.3	1.8%	1,158.0	1.3%
Sampling	1,296.4	0.9%	866.0	1.0%
Geophysical work	10,252.5	7.2%	5,576.0	6.5%
Mining	7,600.0	5.4%	6,630.0	7.7%
Drilling	84,114.5	59.4%	44,678.1	51.9%
Indoor, laboratory investigation	4,887.6	3.5%	3,800.0	4.4%
Laboratory	13,472.0	9.5%	11,259.0	13.1%
Transport	7.0	0.0%	4.2	0.0%
Topogeodetic work	4,297.9	3.0%	3,520.2	4.1%
Hydrogeological work	1,329.7	0.9%	865.0	1.0%
Geocological survey	3,150.3	2.2%	2,300.0	2.7%
Archeology	522.0	0.4%	303.0	0.4%
Environment reclamation	459.5	0.3%	268.7	0.3%
Field sampling	494.8	0.3%	590.0	0.7%
Assume expenses	782.6	0.6%	666.7	0.8%
Other	420.1	0.3%	380.0	0.4%

Source: Public Administration and Management Division, MRPAM

2.2. RECEIVED EXPLORATION REPORT, 2017-2021



2.3. MINERAL RESOURCE RESERVES REGISTERED IN THE STATE'S INTEGRATED REGISTRATION, 2021.I-VI

	Deposit	Unit	Resource	
			Ore	Metal
Gold (rock)	5	mln.t/kg	155,808.16	64,740.83
Silver		t	-	115.06
Zinc		ths.t	-	70.74
Copper		ths.t	-	16.07
Gold (placer)	12	kg	1,588.89	1,440.72
Silver	1	mln.t/t	3,450.69	862.01
Gold		kg	-	1,187.90
Copper	1	mln.t/t	13,096.86	65,749.25
Iron	2	ths.t	1,366.17	-
Iron		ths.t	-	373.06
Zinc		ths.t	-	3.19
Nickel	1	mln.t/t	13,971.01	15,918.09
Copper		t	-	19,082.06
Cobalt		t	-	1,501.36
Manganese	2	ths.t	766.02	97.06
Fluorspar	5	ths.t	1,594.50	511.54
Coal	5	mln.t	-	194.26
Limestone	2	ths.t	-	249,114.08
Aggregate stone	7	ths.m3	-	35,554.24
Gypsum	1	ths.t	-	161.22
Mud	2	ths.m3	-	5,240.67
Sand gravel	2	ths.m3	-	1,381.72
Sand	3	ths.m3	-	4,285.59
Sand stone	2	ths.m3	-	5,493.18
Занар	1	ths.m3	-	21,976.50
Marble	1	ths.m3	-	5,274.15
Petroleum	1	mln.barrel	-	1.04

Source: Geology and Exploration Division, MRPAM

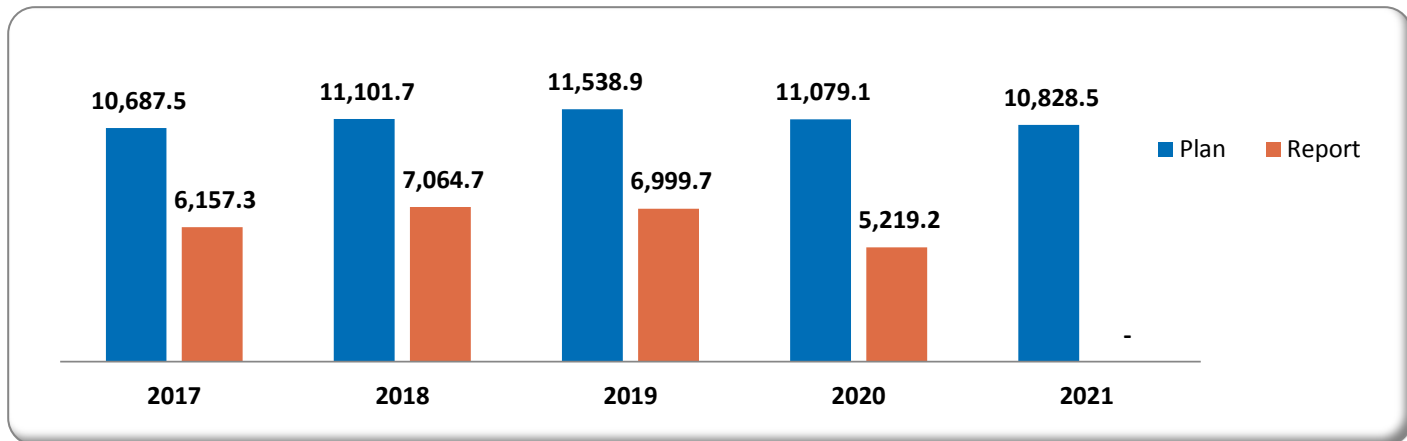
3 | MINING

3.1. MINERAL MINING ACTIVITY PLAN AND REPORT OFFICIAL STATUS, 2017-2021, (2021.VII.01)

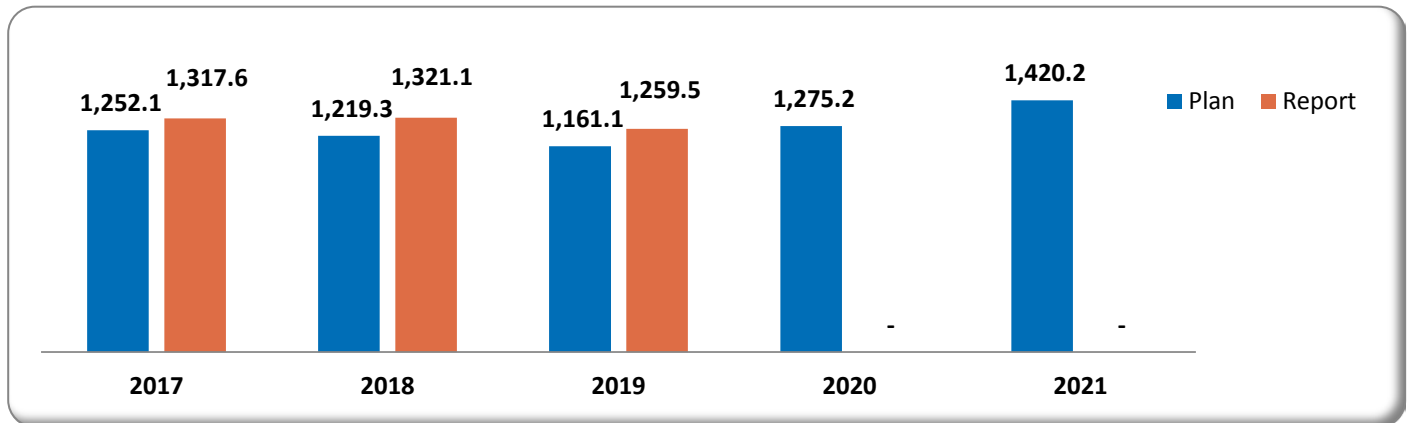
	Plan			Report		
	Submitted	Formal	Formal %	Submitted	Formal	Formal %
2017	476	416	87.4%	259	234	90.3%
2018	488	388	79.5%	277	259	93.5%
2019	515	420	81.6%	288	257	89.2%
2020	491	363	73.9%	250	115	46.0%
2021	475	339	71.4%	-	-	-

Exp: Included coal.

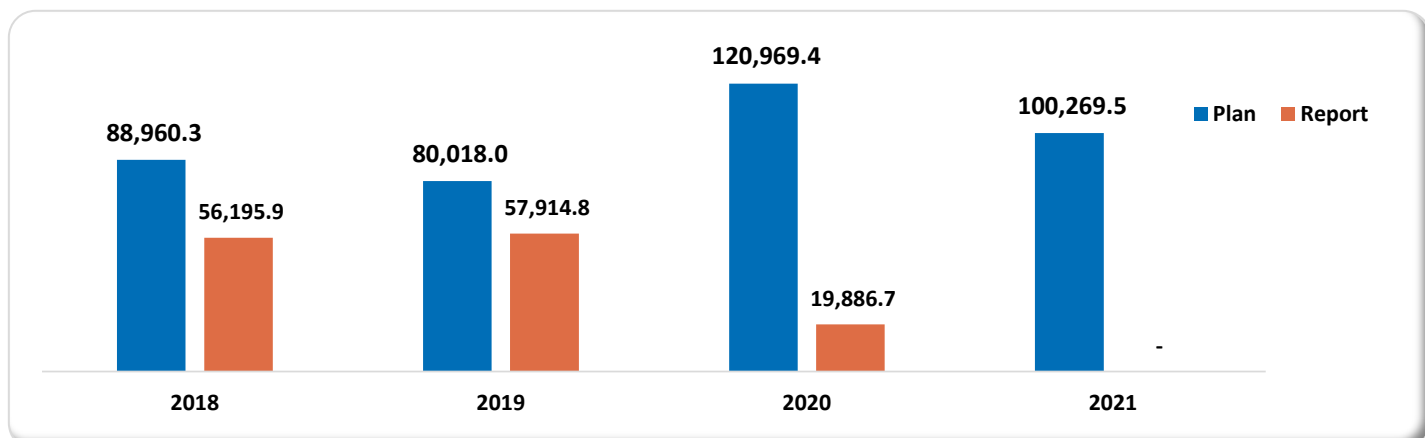
3.2. GOLD PRODUCTION, 2017-2021 (2021.VII.01), by kg, mined from hard rock and placer deposits



3.3. COPPER CONCENTRATE PRODUCTION, 2017-2021 (2021.VII.01), by ths.tons



3.4. COAL PRODUCTION, 2021.VI.03, by ths tons



Source: Mining Research Division and Coal Research Division, MRPAM

3.5. MINERAL PRODUCTION, 2019-2021 (2021.VII.01), by mineral type

	Unit of measurement	2019		2020		2021	
		Plan	Report	Plan	Report	Plan	Report
Gold (Total)	kg	18,013.2	14,615.3	15,888.9	5,219.2	45,804.5	-
Gold (Amount of gold that accompanies the concentrate)	kg	6,474.3	7,615.5	4,809.8	-	34,975.9	-
Gold (Total amount of gold to be mined from hard rock and placer)	kg	11,538.9	6,999.7	11,079.1	5,219.2	10,828.5	-
Gold (Amount of gold to be extracted from the hard rock)	kg	3,863.8	2,045.0	4,698.1	356.2	4,907.6	-
Gold (Amount of gold to be mined from placer deposits)	kg	7,675.1	4,954.8	6,381.0	4,863.0	5,920.9	-
Building materials							
Lime	ths.tons	114.7	55.6	245.6	2.8	125.7	-
Limestone	ths.tons	1,761.8	412.4	1,187.7	185.2	1,324.4	-
Clinker	ths.tons	14.0	-	814.0	-	26.6	-
Cement	ths.tons	1,706.7	1,706.7	869.2	1,179.5	1,950.0	-
Mineral powder	ths.tons	31.0	-	-	-	31.0	-
Crystal	ths.tons	61.8		61.8	-	6.1	-
Marble	ths.tons	231.6	3,080.4	252.9	2.6	256.8	-
Gypsum	ths.tons	243.2	107.1	166.6	59.4	141.2	-
Tungsten	tons	1,544.7	165.5	621.7	-	1,628.9	-
Copper	ths.tons	1,161.1	1,259.5	1,275.2	-	1,420.2	-
Copper (Cathode)	tons	10.0	9.7	10.0	7.6	7.8	-
Manganese	ths.tons	230.6	-	129.1	-	208.7	-
Molybdenum	ths.tons	4.8	5.3	4.7	-	5.0	-
Silver	kg	4,229.3	2,972.6	12,761.9	-	9,890.7	-
Silver concentrate	ths.tons	-	-	194.6	-	7.8	-
Silver (Amount of silver accompanying concentrate)	kg	68,472.5	76,891.6	65,000.1	-	73,329.3	-
Iron	ths.tons	14,193.0	9,756.7	15,220.5	9,735.8	13,657.9	-
Whole iron concentrate	ths.tons	5,176.6	1,505.8	5,087.5	2,803.4	3,984.2	-
Iron powder concentrate	ths.tons	7,201.8	2,549.7	6,769.2	2,422.9	6,977.8	-
Iron ore	ths.tons	1,814.6	2,226.9	3,260.9	2,882.4	1,002.0	-
Powdered iron ore	ths.tons	-	3,474.3	103.0	1,627.2	1,694.0	-
Uranium	tons	16.5	-	22.3	-	29.8	-
Fluorite	ths.tons	1,805.9	370.8	2,207.4	122.8	1,856.3	-
Fluorite concentrate AG-97	ths.tons	219.9	58.3	129.0	8.3	131.7	-
Fluorite concentrate AG-95	ths.tons	90.2	41.0	120.9	23.3	88.8	-
Gravitational fluorite МГФ 55-85	ths.tons	6.3		-	-	-	-
Whole fluorite МГ-92	ths.tons	28.0	2.8	28.2	4.2	43.8	-
Whole fluorite МГ-85	ths.tons	65.0	3.5	30.0	-	70.5	-
Whole fluorite МГ-80	ths.tons	16.3	1.1	12.7	1.6	2.7	-
Whole fluorite МГ-75	ths.tons	171.6	32.9	199.9	5.1	200.4	-
Whole fluorite МГ-65	ths.tons	1.6	15.1	6.2	11.1	9.5	-
Fluorite ore ФР	ths.tons	1,207.0	216.2	1,680.4	69.2	1,308.9	-
Blue lead	ths.tons	19.5	29.6	16.4	-	17.2	-
Polishing stone	ths.tons	26.3	369.9	-	-	26.8	-
Tin	tons	71.7	26.4	-	-	78.2	-
Zinc	ths.tons	136.3	123.7	129.6	-	112.5	-
Zeolite	ths.tons	39.7	-	105.2	-	-	-
Coal production	ths.tons	80,018.0	57,914.8	120,969.4	19,886.7	100,269.5	-

Source: Mining Research Division and Coal Research Division, MRPAM

3.6. REHABILITATION WORK BY MINING LICENSE HOLDERS, 2016-2019 (2021.II.28)

	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

3.7. AREA COVERED BY MINING AND REHABILITATION AREA IN 2019 (2021.II.28)*, by provinces

	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%	1927.6	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%

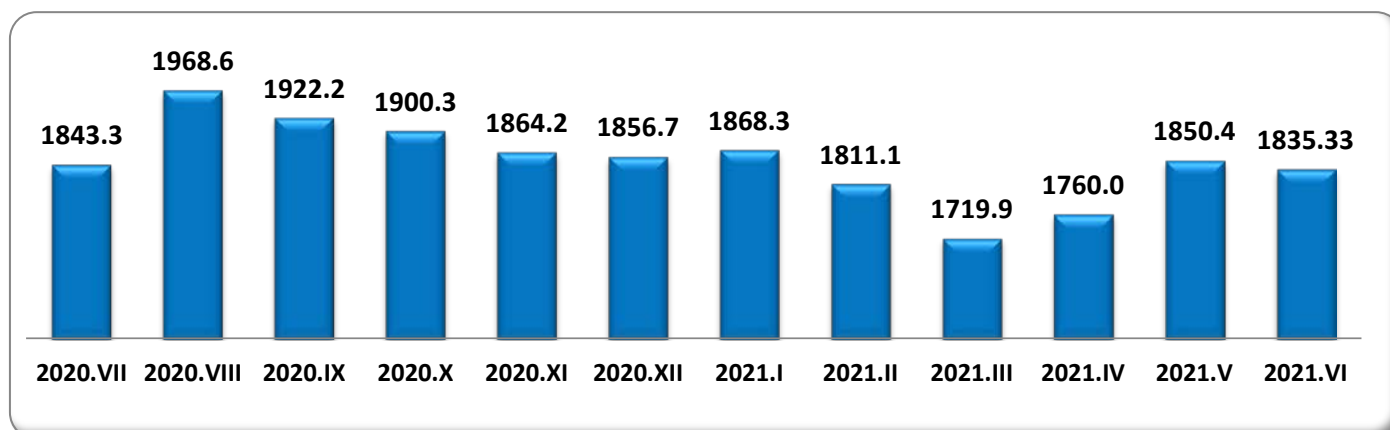
*Based on data from the 2019 Mining Report for Minerals Other than Common Minerals.

Source: Mining Production and Technology Division, MRPAM

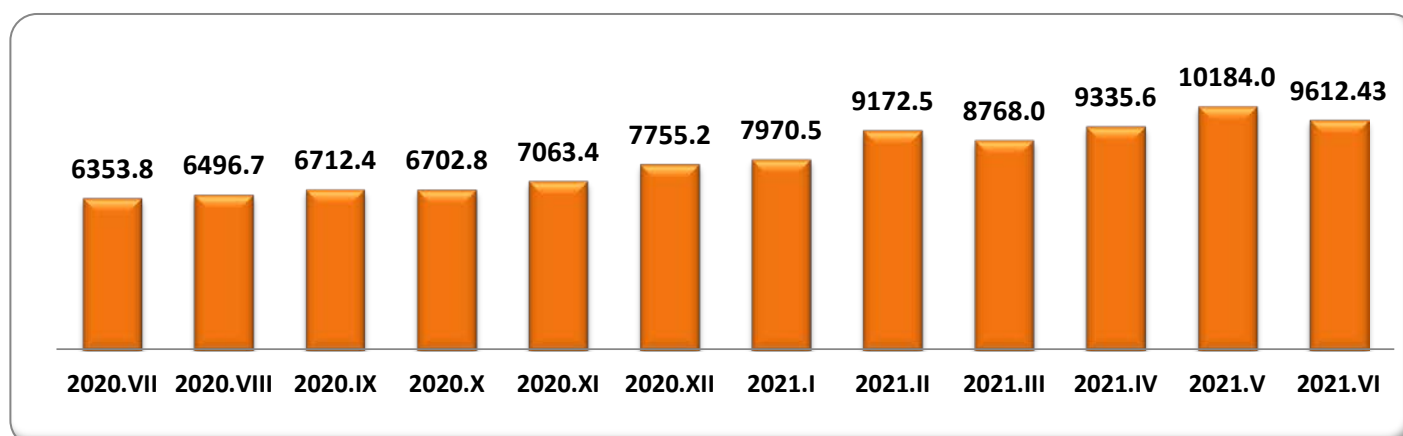
3.8. AVERAGE OF MINERAL PRICES ON THE WORLD MARKET, 2020-2021

	Unit of measurement	2020	2020.VI	2021.V	2021.VI	2021.VI 2020.VI	2021.VI 2021.V
Gold	\$/ounce	1,751.6	1,732.2	1,850.4	1,835.3	106.0%	99.2%
Silver	\$/ounce	19.7	17.8	27.5	27.0	151.2%	98.3%
Copper	\$/tons	5,920.3	5,742.4	10,184.0	9,612.4	167.4%	94.4%
Zinc	\$/tons	2,172.1	2,020.6	2,970.3	2,950.1	146.0%	99.3%
Blue lead	\$/tons	1,798.2	1,739.9	2,185.9	2,189.0	125.8%	100.1%
Tin	\$/tons	16,730.3	16,806.3	32,524.3	32,677.6	194.4%	100.5%
Molybdenum	\$/tons	18,925.5	17,690.1	29,150.1	39,897.6	225.5%	136.9%
Manganese 36%	\$/tons	202.7	237.2	189.7	193.2	81.5%	101.8%
Tungsten, 99%	\$/tons	31,217.0	30,190.0	36,000.0	-	-	-
Tungsten, 65%	\$/tons	11,972.7	11,414.9	15,122.4	15,210.6	133.3%	100.6%
Iron ore 56%	\$/tons	79.4	81.3	166.3	169.2	208.2%	101.7%
Iron ore 60% concentrate	\$/tons	91.7	92.2	192.2	195.1	211.7%	101.5%
Fluorite concentrate AG-97	\$/tons	375.0	365.0	325.0	300.0	82.2%	92.3%
Fluorite ore MG-85	\$/tons	300.0	300.0	300.0	300.0	100.0%	100.0%
Uranium	\$/kg	66.1	72.3	69.2	-	-	-

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

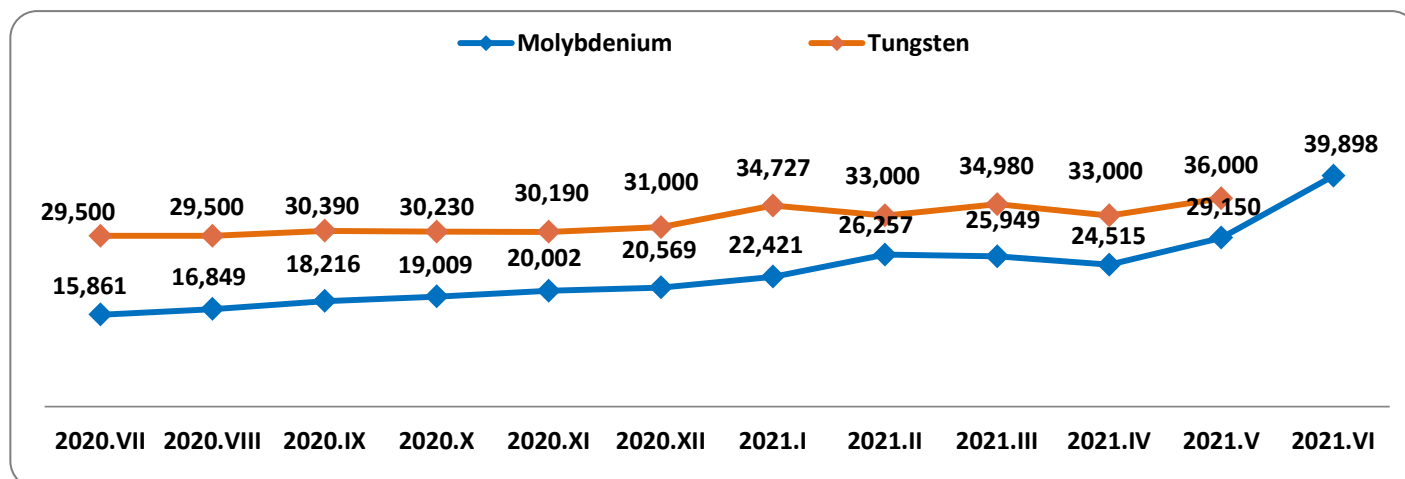


3.10. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, in last 12 months, by US\$/tons

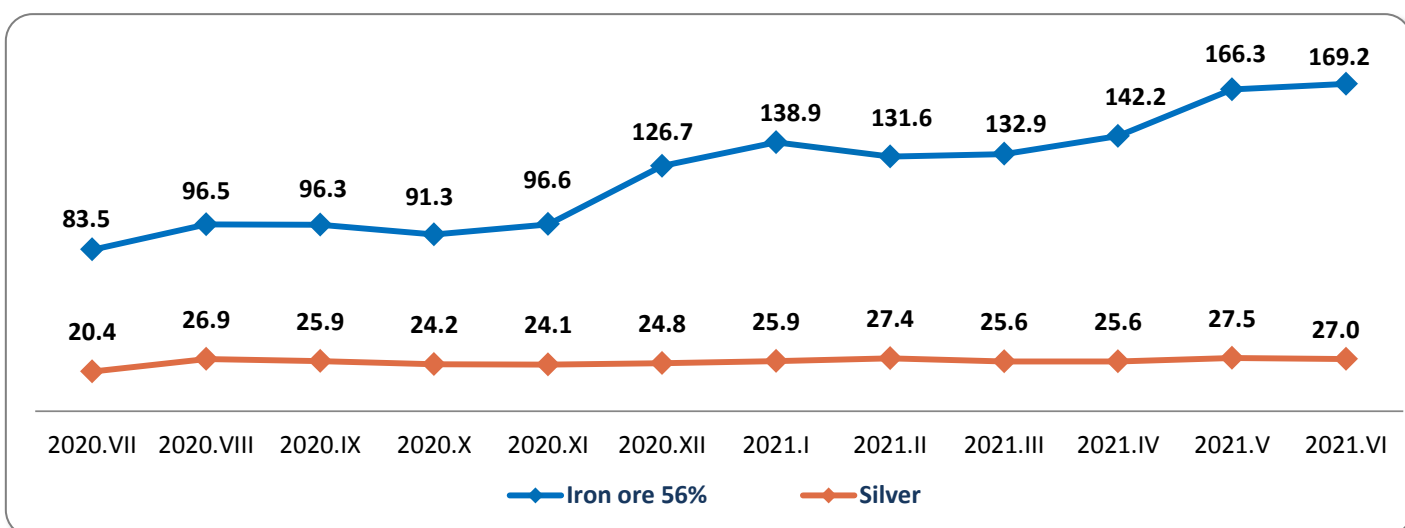


Source: www.kitco.com, www.westmetall.com, www.lme.com, www.asianmetal.com, www.lndmin.com, www.umetal.com, www.sxcoal.com

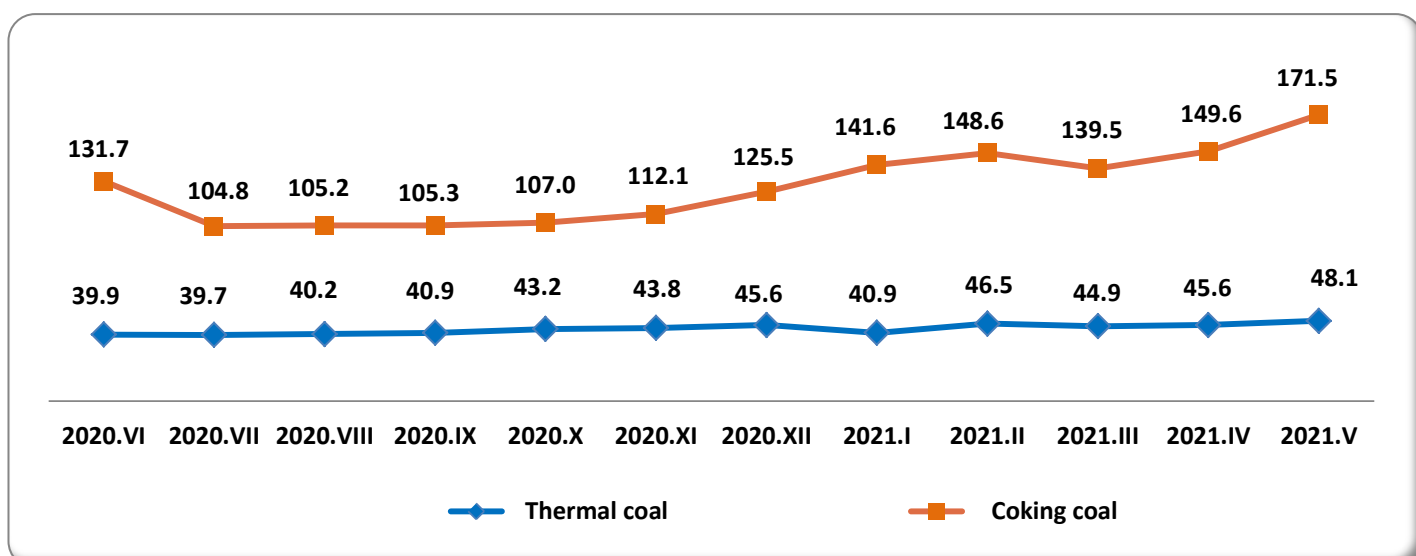
3.11. AVERAGE PRICE OF TIN, MOLYBDENIUM AND TUNGSTEN ON THE WORLD MARKET, in last 12 months, by US\$/tons



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



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



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, 2020-2021

	Stock exchange	Symbol	Currency	Average price						Market value /2021.VII.05/
				2020	2020.VI	2021.V	2021.VI	<u>2010.VI</u> 2020.VI	<u>2021.VI</u> 2021.V	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	2.960	0.721	18.13	17	2358%	93.8%	3.423B
Peabody Energy Corporation	NYQ	BTU	USD	3.53	3.45	5.93	7.99	231.6%	134.7%	873.02M
Rio Tinto plc	LSE	RIO.L	GBp	4,394.8	4,523.1	6,225.6	6,046.0	133.7%	97.1%	96.427B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	0.72	0.589	1.12	1.01	171%	90.2%	186.245M
Mongolian Mining Corporation	HKG	0975.HK	HKD	0.5	0.36	2.48	2.31	642%	93.1%	2.233B
South Gobi Resources Ltd.	HKG	1878.HK	HKD	0.63	0.504	1.63	1.490	295.6%	91.4%	388.546M
Centerra Gold Inc.	TOR	CG.TO	CAD	12.85	13.8	9.12	9.770	70.8%	107.1%	2.857B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.35	0.312	0.35	0.38	121.8%	108.6%	112.791M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.4	0.386	0.78	0.94	243.5%	120.5%	174.665M
Silver Elephant Mining Corp.	TOR	ELEF.TO	CAD	0.34	0.265	0.34	0.28	105.7%	82.4%	52.322M
Steppe Gold Ltd	TOR	STGO.TO	CAD	1.78	1.589	2.05	2.03	127.8%	99.0%	125.898M
Kincora Copper Limited	VAN	KCC.V	CAD	0.09	0.143	0.29	0.27	188.8%	93.1%	28.971M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.11		0.12	0.13	-	108.3%	11.301M
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.04	0.042	0.06	0.04	95%	66.7%	46.458M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.08	0.08	0.08	0.07	87.5%	87.5%	37.565M
Haranga Resources Limited	ASX	HAR.AX	AUD	-	-	-	-	-	-	-
Tian Poh Resources Limited	ASX	TPO.AX	AUD	0.05	-	0.045	0.045	-	100.0%	17.393M
TerraCom Limited	ASX	TER.AX	AUD	0.17	0.166	0.12	0.11	66.3%	91.7%	101.737M
Viking Mines Limited	ASX	VKA.AX	AUD	0.01	0.008	0.03	0.03	375.0%	100.0%	19.404M
Banpu Public Company Limited	SET	BANPU.B K	THB	7.23	6.426	11.59	15.14	235.6%	130.6%	68.507B
Petro Matad Limited	LSE	MATD.L	GBp	2.78	3.471	6.996	7.55	217.5%	107.9%	45.315M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	-	-	-	-	-	-	-
Elixir Energy Limited	ASX	EXR.AX	AUD	0.12	-	0.34	0.28	-	82.4%	233.445M

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

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

	Symbol	Average price					
		2020	2020.VI	2021.V	2021.VI	$\frac{2021.VI}{2020.VI}$	$\frac{2021.VI}{2021.V}$
Tavantolgoi	TTL	5,851	5,551	6,932	6,940	125.0%	100.1%
Baganuur	BAN	960	929	1,007	1,159	124.8%	115.1%
Shivee-Ovoo	SHV	1,962	1,739	1,632	1,621	93.2%	99.4%
Aduunchuluun	ADL	1,055	960	836	847	88.2%	101.3%
Shariin Gol	SHG	990	1,104	876	755	68.4%	86.2%
Erdene Resource Development Corporation	ERDN	716	582	896	866	148.8%	96.6%
Mogoin gol	BDL	7,768	-	-	-	-	-
Bayanteeg	BTG	25,934	-	-	-	-	-
Berkh-Uul	BEU	558	-	-	1,850	-	-
Khar Tarvagatai	TVT	4,674	4,450	-	220	-	-
Taliin Gal	TAL	18	-	-	-	-	-
Mongol Basalt	MBW	210	211	166	169	80.2%	101.9%
Mongol Ceramic	KEK	16,500	-	-	16,500	-	-
Silikat	SIL	47	36	44	-	-	-
Songolon barmat	SSG	1,086	1,086	-	1,550	142.7%	-
Remicon	RMC	27	29	28	25	85.4%	87.2%
Arig Tal	EER	2,815	2,728	-	2,226	81.6%	-
Niislel-Urguu	NUR	2,327	-	-	-	-	-
Erchim Bayan-Ulgii	BOE	-	-	-	-	-	-
Khukh Gan	HGN	72	-	-	72	-	-
Nako Tulsh	NKT	28	30	-	27	90.0%	-

Source: www.mse.mn

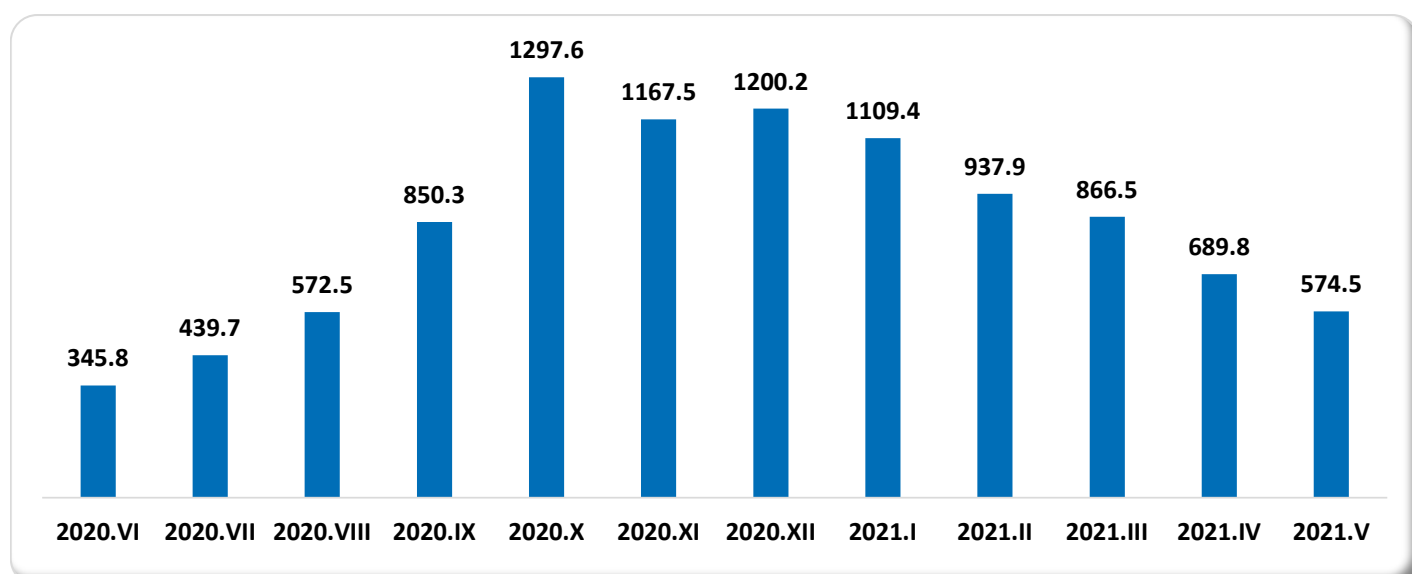
3.16. STRIPING, COAL PRODUCTION, SALE AND EXPORT, 2016-2021

	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-V	107,190.8	17,805.2	15,026.3	10,848.1

3.17. COAL SALE, 2021.I-V, by ths.tons and type

	TOTAL	Export	Local
БҮГД	15,026.3	10,848.1	4,178.2
Washed coking coal	1,707.8	1,707.8	-
Raw coking coal	5,766.4	5,766.4	-
Weak coking coal	2,077.4	2,077.4	-
Thermal coal	1,296.5	1,296.5	-
Brown coal	4,178.2	-	4,178.2

3.18. LOCAL COAL SALE, in last 12 months, by ths.tons



Source: Coal Research Division, MRPAM

3.19. COAL PRODUCTION, SALE AND EXPORT, 2018-2021, by ths.tons



3.20. COAL PRODUCTION, SALE AND EXPORT, 2020-2021, by ths.tons

	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.I-V	17,805.2	15,026.3	10,848.1
2021.I	4,877.2	4,394.7	3,285.4
2021.II	4,202.2	3,574.1	2,636.1
2021.III	3,742.7	3,359.6	2,493.1
2021.IV	2,962.8	2,251.7	1,561.9
2021.V	2,020.3	1,446.2	871.6
2021.V 2020.V	120.7%	72.9%	65.1%
2021.I-V 2020.I-V	164.4%	163.3%	205.8%

Source: Coal Research Division, MRPAM

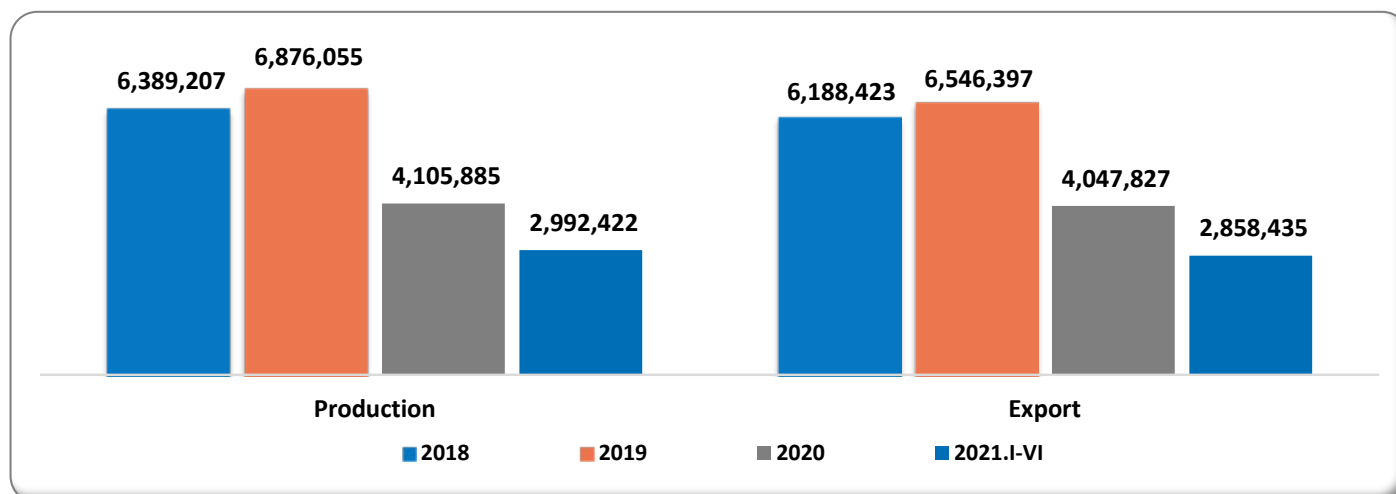
3.21. MINING AND PETROLEUM EXAMINATION AND TESTING CENTRAL LABORATORY, 2021.VI

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	Khangi	Erdenes tavan tolgoi	-	-	-	-	-	-	-
		Gahsuun sukhait	Erdenes tavan tolgoi	83.6	27.2	16.9	0.99	1.9	7322	
			Tavan tolgoi	73.1	28.0	12.2	0.76	1.2	7495	
	Weak coking	Khangi	Dadiin khar tolgoi	73.3	44.2	13.0	0.48	5.2	7309	
		Gahsuun sukhait	Tavan tolgoi	78.8	28.9	14.5	0.97	2.6	7450	
		Zamiin uud	Mogoin gol	-	-	-	-	-	-	
		Shivee Khuren	Baruun Noyon	-	-	-	-	-	-	
	Khuren shand		-	-	-	-	-	-		
	Non coking	Khangi		-	-	-	-	-	-	
		Gahsuun sukhait	Erdenes tavan tolgoi	0.0	23.2	23.0	0.94	1.5	6752	
		Shivee Khuren	Khuren shand	-	-	-	-	-	-	
			Baruun Noyon	-	-	-	-	-	-	
	MAK		-	-	-	-	-	-		
	<i>Washed coal</i>									
	Coking	Gahsuun sukhait	Ukhaa Khudag	-	-	-	-	-	-	
			Khangi	Ail bayan	-	-	-	-	-	
		Yarant	Tefis mining /Khuut/	-	-	-	-	-	-	
			Mo En Co	83.6	19.8	22.4	0.73	1.9	7201	
	Weak coking	Gahsuun sukhait	Baruun naran	-	-	-	-	-		
Shivee Khuren										
Coke, semi-coke	Gahsuun sukhait	Tavan tolgoi trans	0.0	3.9	16.5	0.6	1.8	7004		
Other	Zamiin uud	Dalan	0.0	16.4	42.0	1.36	7.3	4521		
		Friend ship	0.0	42.0	22.6	0.85	8.5	6513		
		Achir/Alag togoo	0.0	33.0	20.5	0.91	18.0	5961		
		Alag togoo	-	-	-	-	-	-		
		Gantig house	-	-	-	-	-	-		
		Goviin shandast khuleg	0.0	43.1	20.6	1.4	8.7	5806		
		Khuut /Khuuchin and/	0.0	42.4	11.3	0.9	8.5	4852		
		Zelter	-	-	-	-	-	-		
		Tsetsens minig	-	-	-	-	-	-		
		Khuut /Big mogul/	0.0	45.8	16.3	0.86	11.2	6660		
	Shariin gol	0.0	44.6	11.8	0.49	18.4	6681			
Bichigt	Erdeniin olz	0.0	41.9	8.9	1.4	29.2	5215			
Coal	Zamiin uud	Tsaidam nuur	-	-	-	-	-			
		Khovil	0.0	52.0	12.5	0.82	41.4	6028		
		Andiin ilch	0.0	46.5	13.3	1.72	16.9	5810		
		Bilegt bayalag	0.0	42.6	35.7	1.64	7.1	4784		
	Bichigt	Badmaarag khash	0.0	44.1	7.3	1.16	14.6	5612		
		Erdeniin bosgo	0.0	44.4	13.0	2.11	34.2	5412		

Source: Central Laboratory of Mining and Petroleum, MRPAM

4 | PETROLEUM

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



4.2. PETROLEUM PRODUCTION AND EXPORT, 2020-2021, by barrel

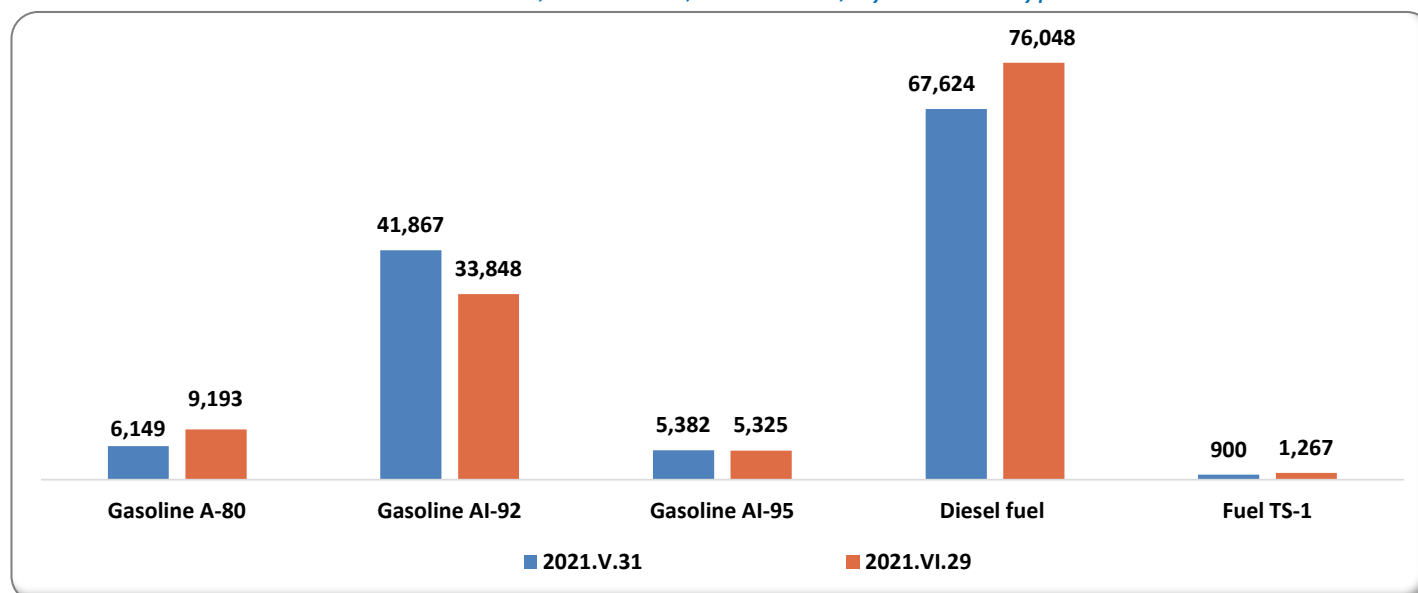
	Production		Export	
	Barrel	Share to total	Barrel	Share to total
2020	4,105,885	100%	4,047,827	100%
2020.I	375,848	9.2%	287,708	7.1%
2020.II	45,511	1.1%	-	-
2020.III	40,234	1.0%	34,584	0.9%
2020.IV	97,679	2.4%	165,747	4.1%
2020.V	210,549	5.1%	175,757	4.3%
2020.VI	258,256	6.3%	287,313	7.1%
2020.VII	352,651	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.I-VI	2,992,422	100.0%	2,858,435	100.0%
2021.I	528,384	17.7%	519,260	18.2%
2021.II	469,647	15.7%	435,559	15.2%
2021.III	511,322	17.1%	467,307	16.3%
2021.IV	496,377	16.6%	468,414	16.4%
2021.V	504,245	16.9%	487,420	17.1%
2021.VI	482,447	16.1%	480,475	16.8%
<u>2021.VI</u> 2020.VI	186.8%	-	167.2%	-
<u>2021.I-VI</u> 2020.I-VI	291.1%	-	300.5%	-

Source: Petroleum Exploitation Division, MRPAM

4.3. PETROLEUM PRODUCTS IMPORTING, 2020-2021, 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
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.I-VI	843,660	29,408	171,216	9,270	660	491,120	18,106	3,531	120,348
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.VI 2020.VI	72.7%	123.4%	55.3%	63.1%	-	78.9%	57.1%	796.4%	69.6%
2021.I-VI 2020.I-VI	90.5%	111.2%	67.7%	72.0%	216.7%	103.0%	131.2%	36.1%	86.5%

4.4. RESIDUE OF PETROLEUM PRODUCTS, 2021.V.31, 2021.VI.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	
	Opening price	Closing price	Opening price	Closing price
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
2021-02-02	53.59	54.01	56.39	56.80
2021-02-09	58.05	58.25	60.84	60.88
2021-02-16	60.09	60.12	63.44	63.52
2021-02-23	61.64	61.97	64.59	64.75
2021-03-02	60.27	59.81	63.09	62.84
2021-03-09	64.73	64.01	68.13	67.52
2021-03-16	65.96	65.61	68.13	67.52
2021-03-23	61.30	61.09	64.29	64.10
2021-03-30	62.02	61.80	65.32	65.03
2021-04-06	58.91	59.41	62.30	62.97
2021-04-13	59.77	59.81	63.27	63.36
2021-04-20	63.59	63.48	67.21	67.09
2021-04-27	62.06	61.95	65.20	65.22
2021-05-04	64.60	64.47	67.70	67.56
2021-05-11	64.97	64.38	68.34	67.79
2021-05-18	66.34	66.33	69.56	69.55
2021-05-25	66.03	66.17	68.44	68.52
2021-05-31	66.58	66.54	68.97	68.88
2021-06-08	69.11	69.12	71.38	71.39
2021-06-15	71.06	71.26	73.09	73.22
2021-06-22	73.03	72.92	74.84	74.76
2021-06-29	72.88	72.84	74.12	74.10
2021.VI.29	109.5%	109.5%	107.5%	107.6%
2021.V.31				
2021.VI.29	183.9%	185.5%	179.3%	180.1%
2020.VI.30				

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, 2021.V.31, 2021.VI.29, by MNT/litre, provinces

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2021.V.31	2021.VI.29	2021.VI.29 2021.V.31	2021.V.31	2021.VI.29	2021.VI.29 2021.V.31	2021.V.31	2021.VI.29	2021.VI.29 2021.V.31	2021.V.31	2021.VI.29	2021.VI.29 2021.V.31
NATIONAL AVERAGE PRICE	1,513	1,513	100.0%	1,545	1,545	100.0%	2,163	2,313	106.9%	2,233	2,262	101.3%
Ulaanbaatar	1400-1450	1400-1450	100.0%	1450-1470	1450-1470	100.0%	2100-2110	2250-2260	107.6%	2290-2300	2290-2300	104.5%
Western region	1,622	1,622	100.0%	1,652	1,652	100.0%	-	-	-	2,074	2,184	105.3%
Bayan-Ulgii	1,600	1,600	100.0%	1,630	1,630	100.0%	-	-	-	1,800	2,000	111.1%
Govi-Altai	1,600	1,600	100.0%	1,630	1,630	100.0%	-	-	-	2,270	2,270	100.0%
Zavkhan	1,690	1,690	100.0%	1,720	1,720	100.0%	-	-	-	2,250	2,250	100.0%
Uvs	1,600	1,600	100.0%	1,630	1,630	100.0%	-	-	-	2,050	2,200	107.3%
Hovd	1,620	1,620	100.0%	1,650	1,650	100.0%	-	-	-	2,000	2,200	110.0%
Hangai region	1,484	1,484	100.0%	1,514	1,514	100.0%	2,198	2,347	106.7%	2,244	2,244	100.0%
Arkhangai	1,500	1,500	100.0%	1,530	1,530	100.0%	2,240	2,390	106.7%	2,300	2,300	100.0%
Bayankhongor	1,530	1,530	100.0%	1,560	1,560	100.0%	-	-	-	2,200	2,200	100.0%
Bulgan	1,460	1,460	100.0%	1,490	1,490	100.0%	2,190	2,340	106.8%	2,260	2,260	100.0%
Uvurkhangai	1,470	1,470	100.0%	1,500	1,500	100.0%	2,240	2,390	106.7%	2,200	2,200	100.0%
Orkhon	1,460	1,460	100.0%	1,490	1,490	100.0%	2,190	2,340	106.8%	2,260	2,260	100.0%
Selenge	1,440	1,440	100.0%	1,470	1,470	100.0%	2,130	2,270	106.6%	2,290	2,290	100.0%
Khuvsgul	1,530	1,530	100.0%	1,560	1,560	100.0%	2,200	2,350	106.8%	2,200	2,200	100.0%
Central region	1,487	1,487	100.0%	1,523	1,523	100.0%	2,150	2,300	107.0%	2,278	2,278	100.0%
Tuv	1,430	1,430	100.0%	1,470	1,470	100.0%	2,120	2,270	107.1%	2,190	2,190	100.0%
Darkhan	1,400	1,400	100.0%	1,470	1,470	100.0%	2,120	2,270	107.1%	2,260	2,260	100.0%
Govisumber	1,480	1,480	100.0%	1,510	1,510	100.0%	2,150	2,300	107.0%	2,290	2,290	100.0%
Dundgovi	1,530	1,530	100.0%	1,560	1,560	100.0%	2,160	2,310	106.9%	2,330	2,330	100.0%
Dornogovi	1,530	1,530	100.0%	1,550	1,550	100.0%	2,150	2,300	107.0%	2,300	2,300	100.0%
Umnugovi	1,550	1,550	100.0%	1,580	1,580	100.0%	2,200	2,350	106.8%	2,300	2,300	100.0%
Eastern region	1,547	1,547	100.0%	1,577	1,577	100.0%	2,200	2,350	106.8%	2,273	2,307	101.5%
Dornod	1,550	1,550	100.0%	1,580	1,580	100.0%	2,200	2,350	106.8%	2,200	2,200	100.0%
Sukhbaatar	1,570	1,570	100.0%	1,600	1,600	100.0%	2,250	2,400	106.7%	2,420	2,420	100.0%
Khentii	1,520	1,520	100.0%	1,550	1,550	100.0%	2,150	2,300	107.0%	2,200	2,300	104.5%

Source: Petroleum Products Division, MRPAM

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

	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	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
<u>2021.VI.29</u> 2021.V.31	100.0%	100.0%	106.9%	101.3%
<u>2021.VI.29</u> 2020.VI.30	104.9%	102.5%	123.2%	114.5%
<u>2021.VI.29</u> 2019.V.25	80.7%	78.5%	100.7%	92.9%

Source: Petroleum Products Division, MRPAM

5.1. HEAVY INDUSTRY PRODUCTION, EXPORT, IMPORT, 2021.I-VI, by product type

	Units of production	Production	Exports	Imports
Molybdenum oxide	tn	-	-	-
Technical molybdenum acid calcium	tn	-	-	-
Rhenium oxidized ammonia	tn	-	-	-
Electrical copper wire, cable and other products		-	-	-
Cable	m	608.1	-	-
Extension plug	unit	-	-	-
Secondary raw materials				
Mechanically processed machine parts	tn	1,170.6	-	-
Metal construction and non-standard equipment	tn	368.8	-	-
Rubber articles	tn	60.8	-	-
Cast products	tn	2,315.1	-	-
Cast lead	tn	909.0	909.0	-
Aluminum alloy	tn	1,980.9	1,980.9	-
Copper alloy	tn	223.0	223.0	-
Cast iron / model /	tn	-	-	-
Metal billets and products				
Billets	tn	9,544.0	-	-
Bars and rods	tn	10,128.0	-	-
Steel balls	tn	4,031.9	-	-
Sulfuric acid	tn	-	-	-
Metallurgical coke	tn	28,454.3	28,454.3	-
Cathode copper	tn	4,891.6	5,764.4	-
Iron and steel	tn	-	-	-
Machinery, hardware parts, spare parts production	unit	1,605,913	1,602,521	

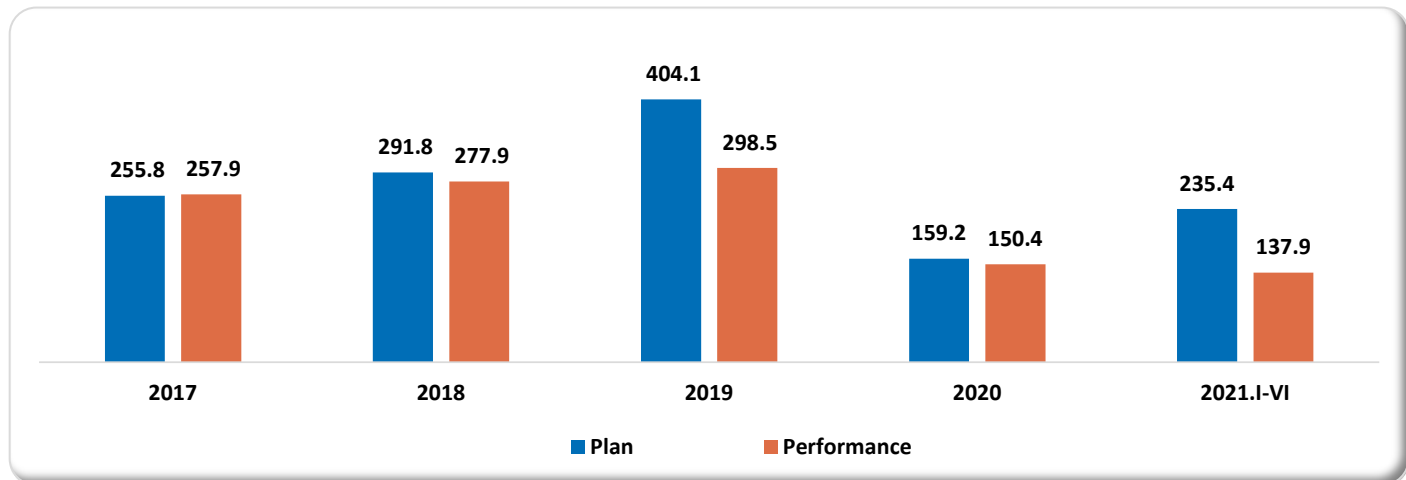
Source: Heavy Industry, Research, Technical and Technological Department, MRPAM

6 | STATE BUDGET REVENUE

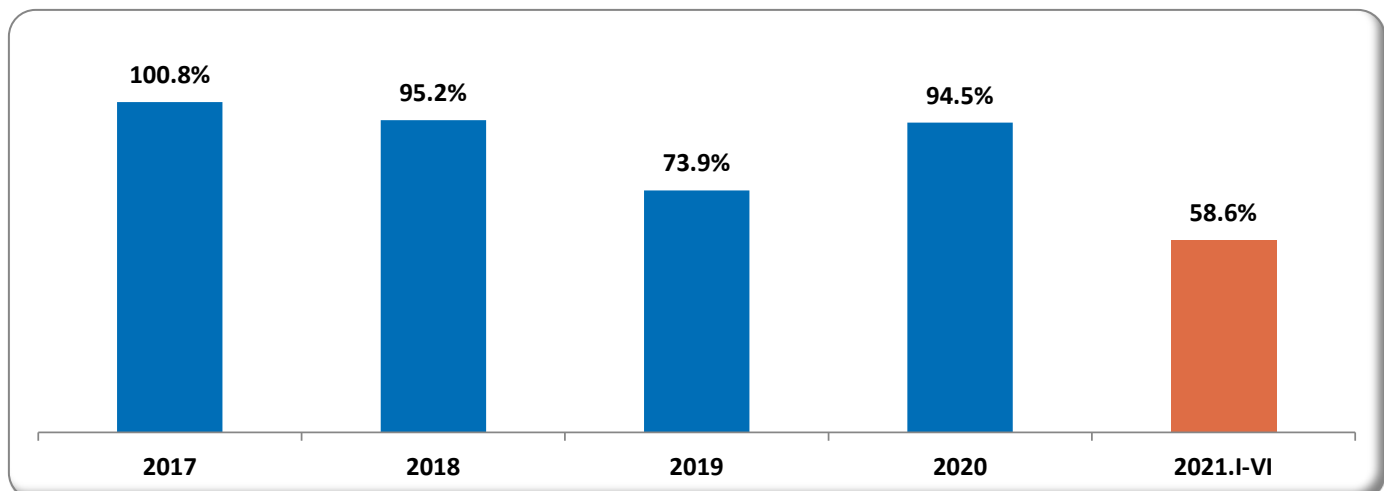
6.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, 2021, by million.MNT and income type

	Plan of 2021	2021.I-VI	
		Performance	Performance rate
TOTAL	235,400.0	137,933.8	58.6%
License fee	31,200.0	14,591.6	46.8%
Reimbursement	2,500.0	415.2	16.6%
Petroleum export revenue	183,200.0	104,956.6	57.3%
Service revenue (petroleum)	873.9	821.7	94.0%
Service revenue (mineral resources)	1,626.1	949.8	58.4%
Tender revenue	16,000.0	16,198.8	101.2%

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



6.3. BUDGET PERFORMANCE RATE OF MRPAM, 2017-2021



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