

IMPLEMENTING AGENCY OF MONGOLIAN GOVERNMENT
MINERAL RESOURCES AND PETROLEUM AUTHORITY



MINERAL RESOURCES AND PETROLEUM STATISTICS

2020/06



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Valid mining and exploration licenses **2,692** (2020.VI.30)

Valid licensed area size **6.8** mln.ha (2020.VI.30)

Percent of total licensed area in Mongolia's territory **4.3%** (2020.VI.30)

Geological survey conducted at expense of the state budget **24,621.0** mln.MNT (2019)

Average price of gold on the world market **1,732.2** US\$/ounce (2020.VI)

Average price of copper on the world market **5,742.4** US\$/tons (2020.VI)

Average price of thermal coal on the world market **39.9** US\$/tons (2020.VI)

Average price of coking coal on the world market **131.7** US\$/tons (2020.VI)

Coal production **14,223.4** ths.tons (2020.I-VI)

Coal sale **11,353.5** ths.tons (2020.I-VI)

Coal export **7,074.7** ths.tons (2020.I-VI)

Petroleum production **1,027,197** barrel (2020.I-VI)

Petroleum export **951,106** barrel (2020.I-VI)

Petroleum import **932,025** tons (2020.I-VI)

Average price of gasoline A-80 **1,443** MNT (2020.VI.30)

Average price of gasoline AI-92 **1,507** MNT (2020.VI.30)

Average price of gasoline AI-95 **1,878** MNT (2020.VI.30)

Average price of diesel fuel **1,976** MNT (2020.VI.30)

Copper cathode 99% production **3,983.3** tons (2020.I-V)

Metal steel production **8,216.5** tons (2020.I-V)

Metal foundries production **10,772.2** tons (2020.I-V)

Steel casting production **1,548.8** tons (2020.I-V)

Electric wire production **27.5** tons (2020.I-V)

Copper cathode export **3,602.0** tons (2020.I-V)

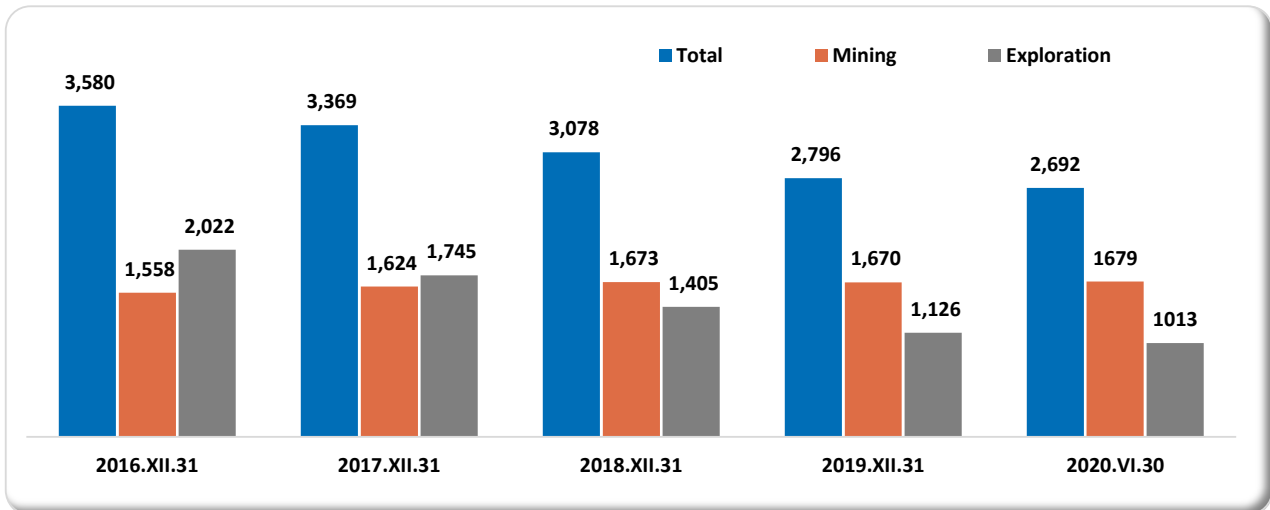
Budget revenue of MRPAM **53,868.6** mln.MNT (2020.I-VI)

1.1. COUNT OF VALID LICENSES AND AREA SIZE, by provinces and 2020.VI.30

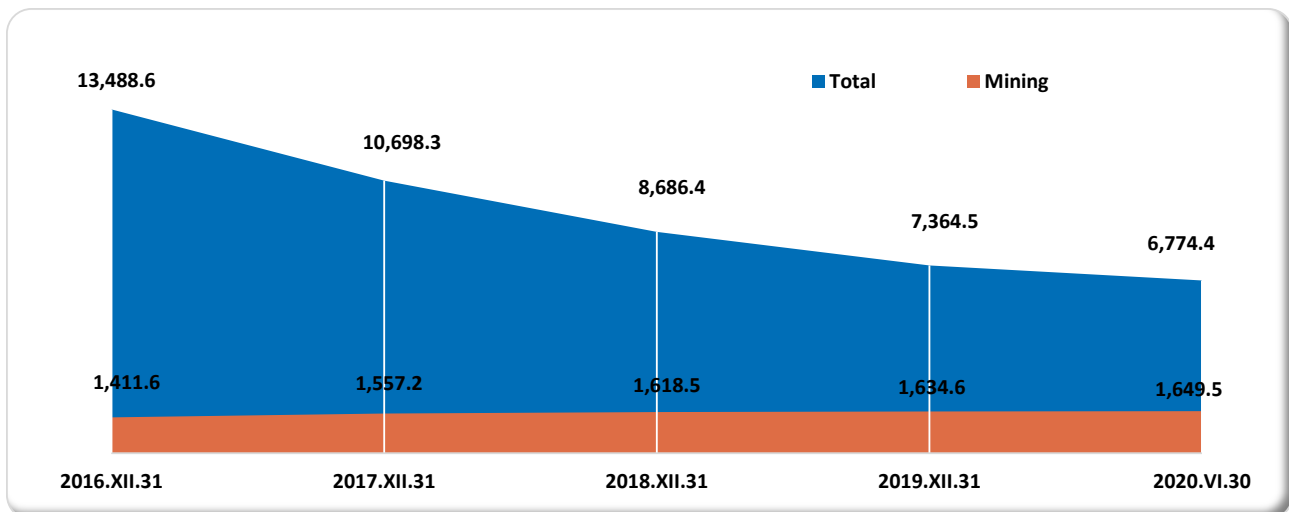
	TOTAL			Of which:					
	Count of Licenses	Area size /ths.ha/	Percent of total territory	Mining			Exploration		
				Count of Licenses	Area size /ths.ha/	Percent of total territory	Count of Licenses	Area size /ths.ha/	Percent of total territory
TOTAL	2,692	6,774.4	4.3%	1,679	1,649.5	1.0%	1,013	5,124.8	3.3%
Arkhangai	18	14.3	0.3%	15	6.2	0.1%	3	8.0	0.1%
Bayan-Ulgii	54	159.7	3.5%	28	15.2	0.3%	26	144.6	3.2%
Bayankhongor	138	341.3	3.0%	87	119.7	1.0%	51	221.6	1.9%
Bulgan	105	121.2	2.5%	75	38.6	0.8%	30	82.6	1.7%
Govi-Altai	145	646.1	4.6%	53	82.4	0.6%	92	563.7	4.0%
Govisumber	16	44.6	8.1%	13	38.9	7.0%	3	5.8	1.0%
Darkhan Uul	67	12.7	3.9%	61	7.6	2.3%	6	5.1	1.6%
Dornogovi	337	1,225.8	11.2%	189	237.1	2.2%	148	988.6	9.0%
Dornod	153	500.1	4.0%	73	63.7	0.5%	80	436.5	3.5%
Dundgovi	196	633.4	8.5%	107	170.1	2.3%	89	463.3	6.2%
Zavhan	50	249.5	3.0%	9	14.1	0.2%	41	235.5	2.9%
Orkhon	9	11.1	13.2%	9	11.1	13.2%	0	0.0	0.0%
Uvurkhangai	47	136.0	2.2%	28	15.7	0.2%	19	120.3	1.9%
Umnugovi	165	1,025.3	6.2%	94	450.5	2.7%	71	574.8	3.5%
Sukhbaatar	94	289.1	3.5%	69	64.4	0.8%	25	224.7	2.7%
Selenge	178	93.4	2.3%	143	44.1	1.1%	35	49.2	1.2%
Tuv	385	331.1	4.5%	301	156.7	2.1%	84	174.4	2.4%
Uvs	115	339.1	4.9%	43	19.9	0.3%	72	319.2	4.6%
Ulaanbaatar	171	14.6	3.1%	160	13.3	2.8%	11	1.3	0.3%
Khuvsgul	26	17.0	0.2%	21	10.3	0.1%	5	6.7	0.1%
Khovd	98	243.0	3.2%	36	16.0	0.2%	62	227.0	3.0%
Khentii	211	326.0	4.0%	122	54.1	0.7%	89	271.9	3.4%

Source: Cadastre Division, MRPAM

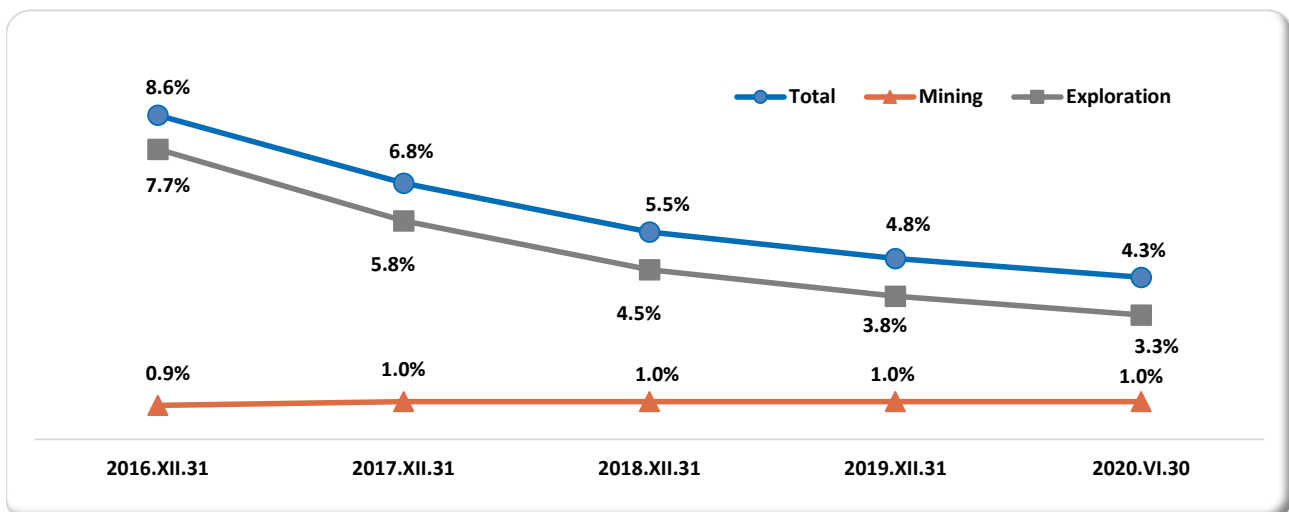
1.2. COUNT OF TOTAL VALID LICENSES, by 2016-2020



1.3. LICENSED AREA, by thousands.ha and 2016-2020



1.4. PERCENT OF TOTAL LICENSED AREA IN MONGOLIA'S TERRITORY, by 2016-2020



Source: Cadastre Division, MRPAM

1.5.COUNT OF MINING LICENSE, by type of minerals and 2020.VI.30

	Mining license		Area size	
	Count	Percent	Hectare	Percent
TOTAL	1679	100%	1,649,537.4	100%
Gold (placer)	436	26.0%	151,397.1	9.2%
Coal	301	17.9%	785,088.6	47.6%
Fluorite	191	11.4%	31,517.1	1.9%
Gold (placer)	91	5.4%	89,060.7	5.4%
limestone	77	4.6%	45,442.4	2.8%
Iron	74	4.4%	47,451.7	2.9%
Common mineral, sand, gravel	70	4.2%	3,684.6	0.2%
Common mineral, mud	52	3.1%	2,781.3	0.2%
Common mineral, gravel	34	2.0%	9,240.3	0.6%
Tungsten	29	1.7%	9,062.1	0.5%
Common mineral, sand	24	1.4%	1,333.4	0.1%
Concentrated metal	23	1.4%	26,976.6	1.6%
Gypsum	23	1.4%	7,975.6	0.5%
Copper	17	1.0%	83,900.8	5.1%
Gold (placer), copper	14	0.8%	86,764.3	5.3%
Tin	12	0.7%	5,844.4	0.4%
Earth rare metal	9	0.5%	7,435.4	0.5%
Copper, molybdenum	8	0.5%	14,328.3	0.9%
Common mineral, sand stone	8	0.5%	1,553.5	0.1%
Uranium	7	0.4%	76,866.1	4.7%
Molybdenum	7	0.4%	8,922.5	0.5%
Marble	7	0.4%	2,020.0	0.1%
Graphite	6	0.4%	14,867.5	0.9%
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	0.5%
Gold, Copper	4	0.2%	5,367.5	0.3%
Wolfram, 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%
Gold (placer), silver	3	0.2%	9,587.7	0.6%
Aluminium	3	0.2%	1,370.9	0.1%
Other	118	7.0%	98,984.4	5.9%

Source: Cadastre Division, MRPAM

1.6. REGISTERED AREA, by mln.ha, overlap and 2020.VI.30

	Hectare	Percent of total territory
Valid mining licensed area	1.6	1.0%
Valid exploration licensed area	5.2	3.3%
State protected area	32.9	21.0%
Special purpose area	33.5	21.4%
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, by provinces and 2020.VI.30

	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: Cadastre Division, MRPAM

1.8. ORIGIN OF LICENSE HOLDERS, by 2020.VI.30

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	1727	2692	6,774,355.4	100%
Mongolian entities	1375	2126	4,978,494.5	73.5%
100% foreign entities	251	412	1,438,519.0	21.2%
Joint foreign entities	101	154	357,342.0	5.3%

1.9. ORIGIN OF 100% FOREIGN LICENSE HOLDERS, by countries and 2020.VI.30

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	251	412	1,438,519.0	100%
China	132	166	355,822.7	24.74%
Virgin Islands	31	59	141,781.1	9.86%
Singapore	16	58	339,944.6	23.63%
Hong Kong	15	30	102,704.5	7.14%
Canada	12	23	239,176.4	16.63%
South Korea	11	16	34,388.2	2.39%
Australia	5	5	26,641.3	1.85%
Russia	4	5	2,490.4	0.17%
Great Britain	3	4	6,038.7	0.42%
Holland	3	15	106,872.3	7.43%
Luxemburg	2	6	13,528.2	0.94%
Germany	2	2	603.9	0.04%
Japan	2	3	3,015.1	0.21%
Bermud	2	3	7,314.3	0.51%
United States of America	2	4	3,167.8	0.22%
Russia, South Korea	1	1	118.2	0.01%
Russia, China	1	1	47.5	0.00%
Ukraine	1	1	245.0	0.02%
Bulgaria	1	1	3,700.9	0.26%
Barbados	1	4	10,040.0	0.70%
Malaysia	1	2	2,416.5	0.17%
Luxemburg, Seychelles	1	1	36,391.0	2.53%
Kazakhstan	1	1	136.5	0.01%
Virgin Islands, Singapore	1	1	1,934.0	0.13%

Source: Cadastre Division, MRPAM

1.10. ORIGIN OF JOINT FOREIGN LICENSE HOLDERS, *by countries and 2020.VI.30*

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	101	154	357,342.0	100%
Mongolia, China	48	70	97,469.2	27.3%
Mongolia, South Korea	10	17	39,835.3	11.1%
Mongolia, Russia	8	11	1,565.8	0.4%
Mongolia, Virgin Islands	6	10	35,233.8	9.9%
Mongolia, Singapore	4	7	30,219.9	8.5%
Mongolia, Japan	4	7	13,386.0	3.7%
Mongolia, Germany	3	4	5,911.9	1.7%
Mongolia, Czech Republic	3	6	52,377.8	14.7%
Mongolia, Great Britain	2	2	5,135.2	1.4%
Mongolia, Hong Kong	2	5	9,008.5	2.5%
Mongolia, Hungary	1	1	87.4	0.0%
Mongolia, Kazakhstan	1	1	1,789.4	0.5%
Mongolia, United States of America, Virgin Islands, South Korea	1	1	3,766.7	1.1%
Mongolia, Bulgaria	1	3	1,083.7	0.3%
Mongolia, Canada	1	1	3,957.7	1.1%
Mongolia, Canada, China	1	1	6,352.8	1.8%
Mongolia, Luxemburg	1	1	3,273.9	0.9%
Mongolia, Russia, Ukraine	1	1	46.9	0.0%
Mongolia, Poland	1	1	1,561.3	0.4%
Mongolia, Hong Kong, Japan	1	3	43,809.3	12.3%
Mongolia, Singapore, Hong Kong	1	1	1,469.5	0.4%

Source: Cadastre Division, MRPAM

1.11. PLEDGING LICENSES, by bank and non-bank financial institute and 2020.VI.30

	License		Area	
	Count	Percent	Hectare	Percent
TOTAL	211	100%	160,436.3	100%
Trade and Development Bank	31	14.7%	16,718.8	10.4%
Development Bank of Mongolia	26	12.3%	19,706.5	12.3%
Golomt Bank	25	11.8%	25,326.6	15.8%
HAAN Bank	12	5.7%	2,631.5	1.6%
Ulaanbaatar City Bank	10	4.7%	8,689.8	5.4%
Capital Bank	9	4.3%	1,098.2	0.7%
XAC Bank	9	4.3%	2,492.2	1.6%
Chinggis Khan Bank	7	3.3%	3,201.9	2.0%
European Bank for Reconstruction and Development	7	3.3%	2,658.5	1.7%
Capitronbank	6	2.8%	1,556.8	1.0%
Golomt, Saving, Zoos, Anod Banks	6	2.8%	3,277.7	2.0%
Anod Bank	6	2.8%	7,145.9	4.5%
Transport Development bank	4	1.9%	1,789.4	1.1%
Credit bank	4	1.9%	284.8	0.2%
State Bank	4	1.9%	570.6	0.4%
Export-Import Bank of China	3	1.4%	1,092.0	0.7%
Triple flag mining finance Bermuda Ltd	3	1.4%	13,017.0	8.1%
Bogd bank	3	1.4%	154.0	0.1%
National Investment Bank	3	1.4%	1,087.5	0.7%
First lithium Corporation	2	0.9%	17,131.1	10.7%
Khutult nomgon	2	0.9%	253.4	0.2%
Bank of China	4	1.9%	978.2	0.6%
GSB capital NBFi	2	0.9%	9,271.1	5.8%
Erel bank	2	0.9%	150.3	0.1%
World Gold	2	0.9%	2,194.9	1.4%
Other	19	9.0%	17,957.5	11.2%

Source: Cadastre Division, MRPAM

1.12. LIST OF LICENSE HOLDERS WITH 10 AND ABOVE LICENSES, by 2020.VI.30

No	Name of entity	Count of license	Area size /ha/	Company type	Nationality
1	Mongolroscvetmet	26	15,086.0	mongolian legal entity	Mongolia
2	Mongolyn alt Mak	22	60,037.6	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	Gobi Coal and Energy	12	7,139.8	mongolian legal entity	Mongolia
6	TMG group	12	5,654.8	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 2020.VI.30

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	Mongol uranium resource	3	154,746.3	mongolian legal entity	Mongolia
3	Monlaa	4	108,679.0	mongolian legal entity	Mongolia

Source: Cadastre Division, MRPAM

1.14. RECEIVED APPLICATION, by application type and 2016-2020

	2016	2017	2018	2019	2020.I-VI
TOTAL	613	813	1187	698	178
New license	131	288	226	218	44
Mining	103	65	78	73	44
Exploration	0	0	0	0	0
Tender	28	223	148	145	0
Extension of exploration license	173	231	657	273	35
Transfer	139	153	157	72	49
Mining	49	78	25	24	23
Exploration	90	75	132	48	26
Pledge	33	37	61	25	10
Mining	30	32	58	24	10
Exploration	3	5	3	1	0
Surrender	137	104	86	110	40
Mining	26	14	12	12	11
Exploration	111	90	74	98	29

1.15. CHANGES IN LICENSE REGISTRATION, by license type and 2016-2020

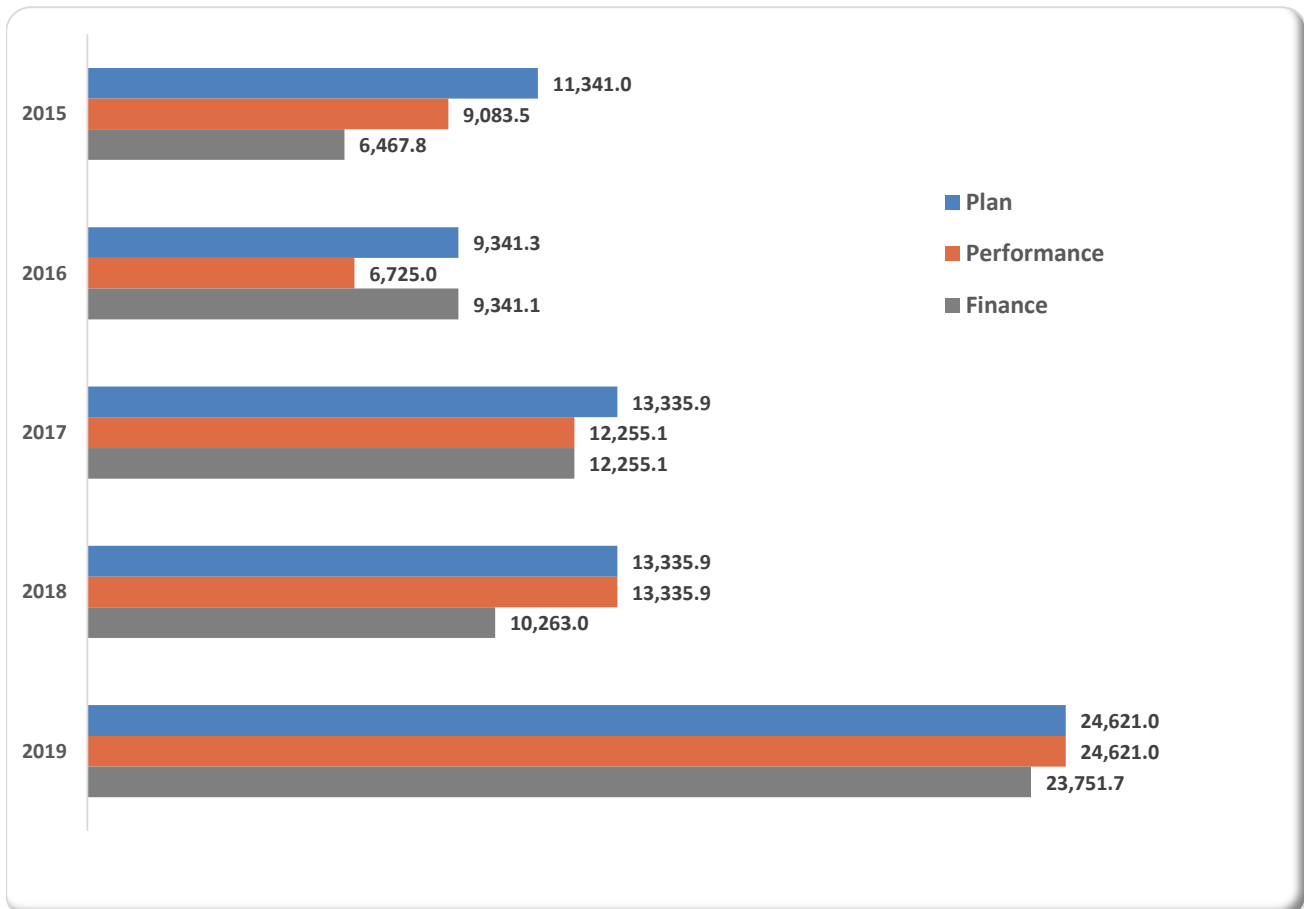
	2016	2017	2018	2019	2020.I-VI
New license	750	151	85	130	31
Mining	93	77	61	59	31
Exploration	629	41	5	0	0
Tender	28	33	19	71	0
Surrendered	166	97	91	93	48
Mining	25	13	11	11	11
Exploration	141	84	80	82	37
Canceled	241	237	181	189	79
Mining	37	35	33	70	26
Exploration	204	202	148	119	53
Expired	124	176	209	199	63
Transferred	146	136	172	71	48
Mining	50	62	38	24	20
Exploration	96	74	134	47	28
Extended	167	162	566	300	30
Pledged	29	39	56	24	24
Mining	27	34	53	23	11
Exploration	2	5	3	0	0
Terminated pledges	16	39	27	31	13
Mining	12	38	26	30	13
Exploration	4	1	1	1	0
Re-issue of license documents	35	26	40	27	11
Mining	15	19	13	14	6
Exploration	20	7	27	13	5

Source: Cadastre Division, MRPAM

2.1. GEOLOGICAL SURVEY CONDUCTED AT EXPENSE OF THE STATE BUDGET, by million MNT, type of work and 2017-2019

	2017		2018		2019	
	Mln.MNT	Percent	Mln.MNT	Percent	Mln.MNT	Percent
TOTAL	12,255.1	100%	13,335.0	100%	24,621.0	100%
1:200000 scale geological map	482.3	3.9%	408.5	3.1%	753.0	3.1%
1:50000 scale geological map, general survey	5,355.9	43.7%	4,692.7	35.2%	8,115.1	33.0%
Thematic work	6,274.6	51.2%	8,144.1	61.1%	15,471.6	62.8%
Collaborative projects	142.4	1.2%	90.0	0.7%	281.3	1.1%

2.2. PLAN AND PERFORMANCE OF GEOLOGICAL SURVEY CONDUCTED AT EXPENSE OF THE STATE BUDGET, by million MNT and 2015-2019



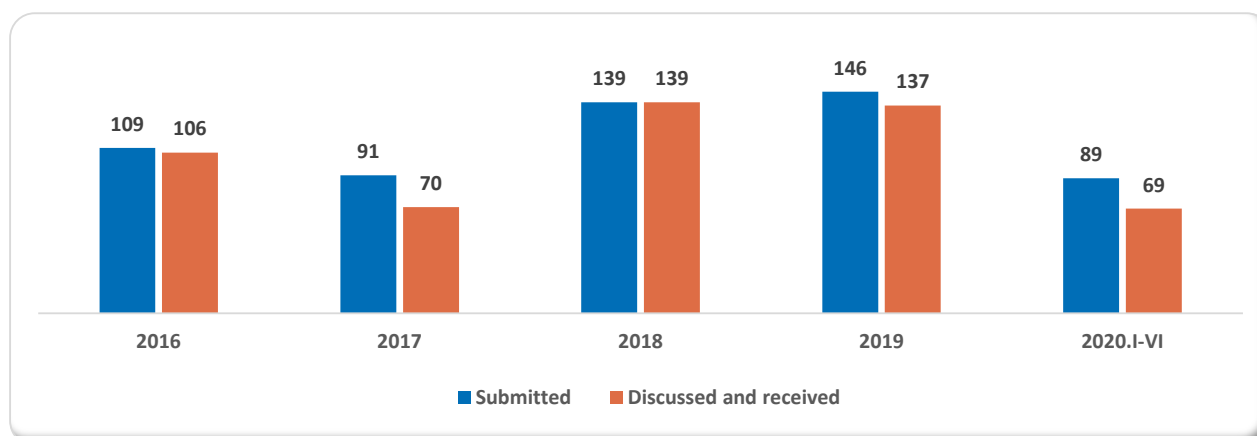
Source: Geology and Exploration Division, MRPAM

2.3. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, by million MNT, type work and 2018-2019 (2020.IV.25)

	2018		2019	
	Mln.MNT	Percent	Mln.MNT	Percent
TOTAL	153,292.9	100%	87.2	100%
Preparation	3,447.8	2.2%	2.6	2.9%
Mapping	3,444.1	2.2%	1.0	1.1%
Geological survey	2,746.3	1.8%	1.3	1.5%
Sampling	1,674.9	1.1%	0.8	1.0%
Geophysical work	10,461.7	6.8%	4.1	4.7%
Mining	15,257.0	10.0%	4.7	5.3%
Drilling	75,064.2	49.0%	49.4	56.6%
Indoor, laboratory investigation	11,786.9	7.7%	1.5	1.7%
Laboratory	12,601.0	8.2%	9.1	10.4%
Transport	3,761.3	2.5%	0.0	0.0%
Topogeodetic work	1,621.3	1.1%	2.8	3.2%
Hydrogeological work	1,442.8	0.9%	0.8	0.9%
Geoecological survey	823.2	0.5%	2.8	3.3%
Archeology	6,638.4	4.3%	0.5	0.6%
Environment reclamation	378.4	0.2%	0.3	0.3%
Field sampling	1,118.2	0.7%	0.3	0.4%
Assume expenses	173.2	0.1%	5.0	5.8%
Other	852.3	0.6%	0.2	0.2%

Эх сурвалж: Геологи, хайгуулын хэлтэс, АМГТГ

2.4. RECEIVED EXPLORATION REPORT, by 2016-2020



2.5. MINERAL RESOURCE RESERVES REGISTERED IN THE STATE'S INTEGRATED REGISTRATION, 2020.I-VI

	Deposit	Resource		
		Unit	Ore	Metal
Gold (rock)	4	МЯН.ТН/КГ	30,178.7	28,220.0
Silver		ТН		270.4
Blue lead		МЯН.ТН		40.7
Zinc		МЯН.ТН		65.9
Copper		МЯН.ТН		30.4
Gold (placer)	15	КГ	1,653.3	1,480.6
Copper	1	МЯН.ТН/ТН	3,850.5	22,742.6
Iron	3	МЯН.ТН	20,925.6	
Iron		МЯН.ТН		10,053.0
Tungsten	1	ТН	129,649.0	2,199.0
Fluorspar	9	МЯН.ТН	3,584.1	1,502.5
Uranium	1	МЯН.ТН	398,941.5	93.3
Coal	3	СЯЯ.ТН		266.1
Limestone	1	СЯЯ.ТН		154.5
Aggregate stone	7	МЯН.ТН		102,776.4
Polishing stone	2	МЯН.М3		3,188.3
Graphite	1	МЯН.ТН	59.2	5.3
Mud	1	МЯН.М3		687.9
Sand gravel	4	МЯН.М3		2,628.9
Sand	3	МЯН.М3		1,510.4

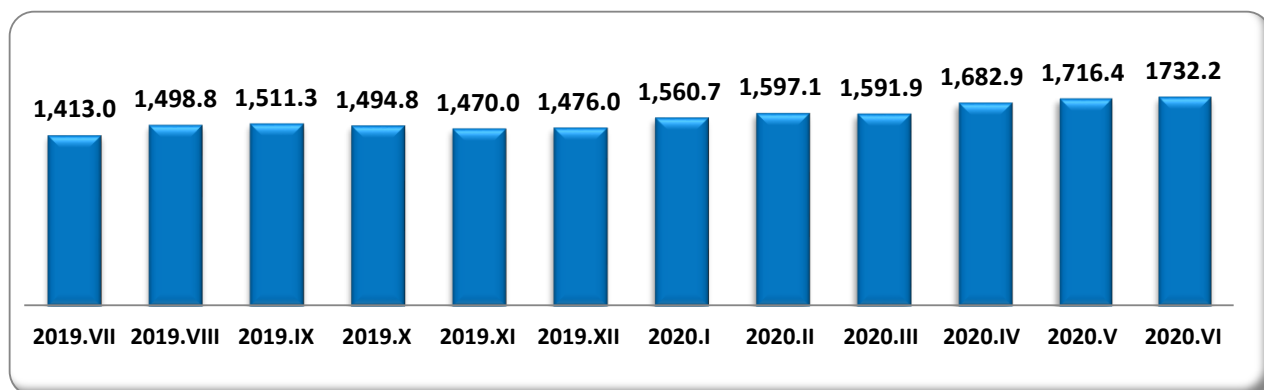
Source: Geology and Exploration Division, MRPAM

3 | MINING

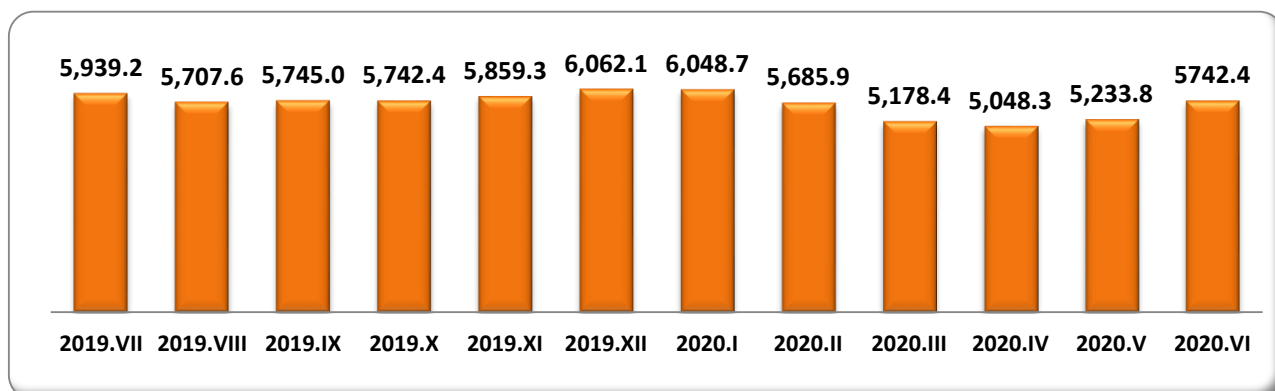
3.1. AVERAGE OF COMMODITY PRICES ON THE WORLD MARKET, by 2019-2020

	Хэмжих нэгж	2019	2019.VI	2020.V	2020.VI	$\frac{2020.VI}{2019.VI}$	$\frac{2020.VI}{2020.V}$
Gold	\$/ounce	1,392.2	1,359.0	1,716.4	1,732.2	127.5%	100.9%
Silver	\$/ounce	16.2	15.0	16.2	17.8	119.0%	109.9%
Copper	\$/tons	6,004.6	5,868.0	5,233.8	5,742.4	97.9%	109.7%
Zinc	\$/tons	2,548.6	2,601.6	1,963.4	2,020.6	77.7%	102.9%
Blue lead	\$/tons	1,993.7	1,891.0	1,618.2	1,739.9	92.0%	107.5%
Tin	\$/tons	18,660.5	19,163.3	15,408.5	16,806.3	87.7%	109.1%
Molybdenum	\$/tons	23,755.9	24,510.0	19,356.6	17,690.1	72.2%	91.4%
Manganese 36%	\$/tons	233.4	239.7	264.1	237.2	99.0%	89.8%
Tungsten, 99%	\$/tons	33,953.3	34,080.0	30,500.0	30,190.0	88.6%	99.0%
Tungsten, 65%	\$/tons	12,787.3	12,529.6	11,037.1	11,414.9	91.1%	103.4%
Iron ore 56%	\$/tons	67.2	84.2	73.0	81.3	96.5%	111.3%
Iron ore 60% concentrate	\$/tons	82.7	97.1	84.5	92.2	94.9%	109.1%
Fluorite concentrate AG-97	\$/tons	448.3	425.0	385.0	365.0	85.9%	94.8%
Fluorite ore MG-85	\$/tons	320.2	300.0	300.0	300.0	100.0%	100.0%
Uranium	\$/kg	56.5	54.2	74.8	72.3	133.3%	96.7%

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

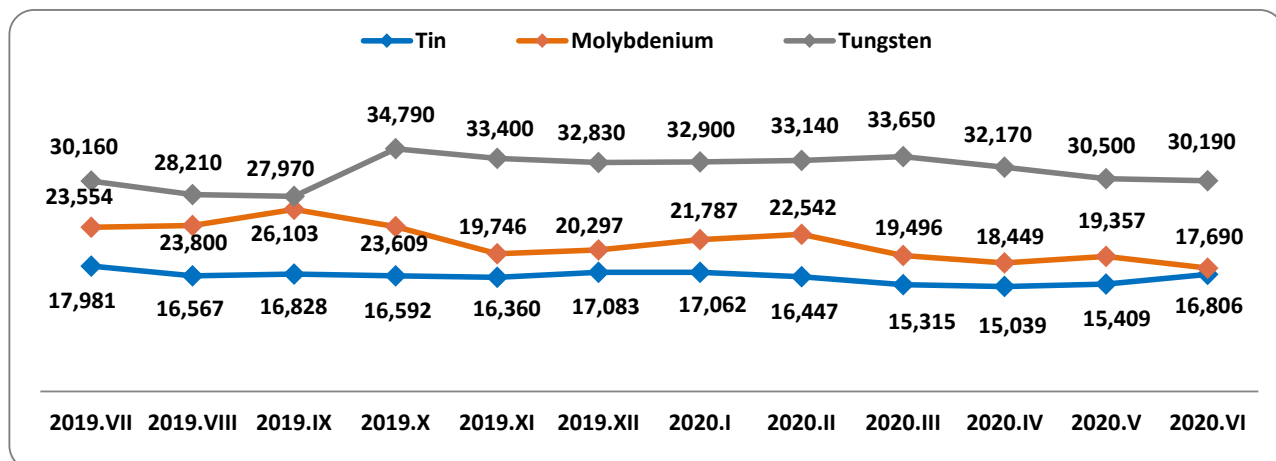


3.3. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, by US\$/tons and last 12 months

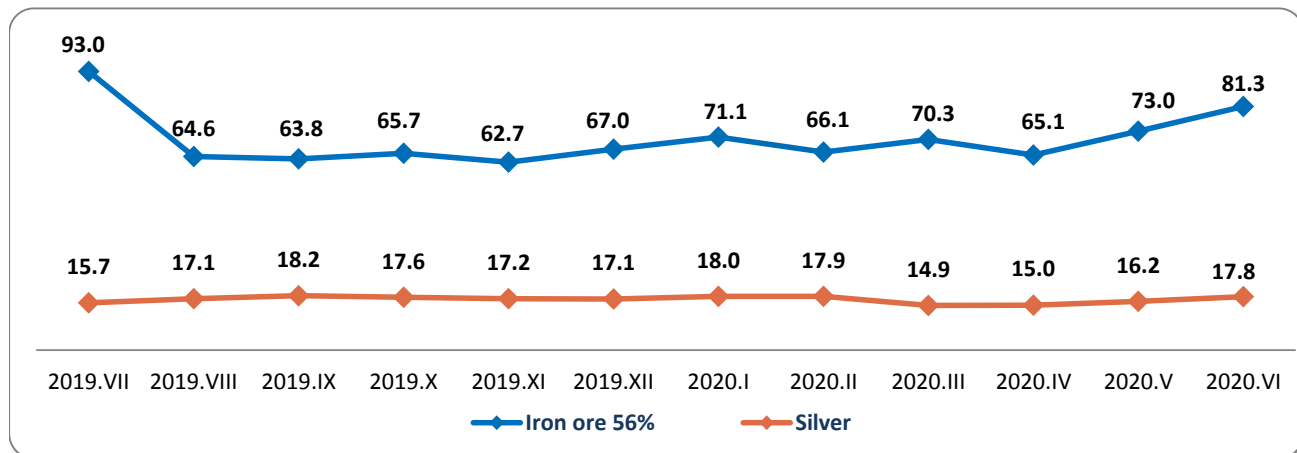


Source: www.kitco.com, www.westmetall.com, www.lme.com, www.asianmetal.com, www.lndmin.com, www.umetal.com www.sxcoal.com

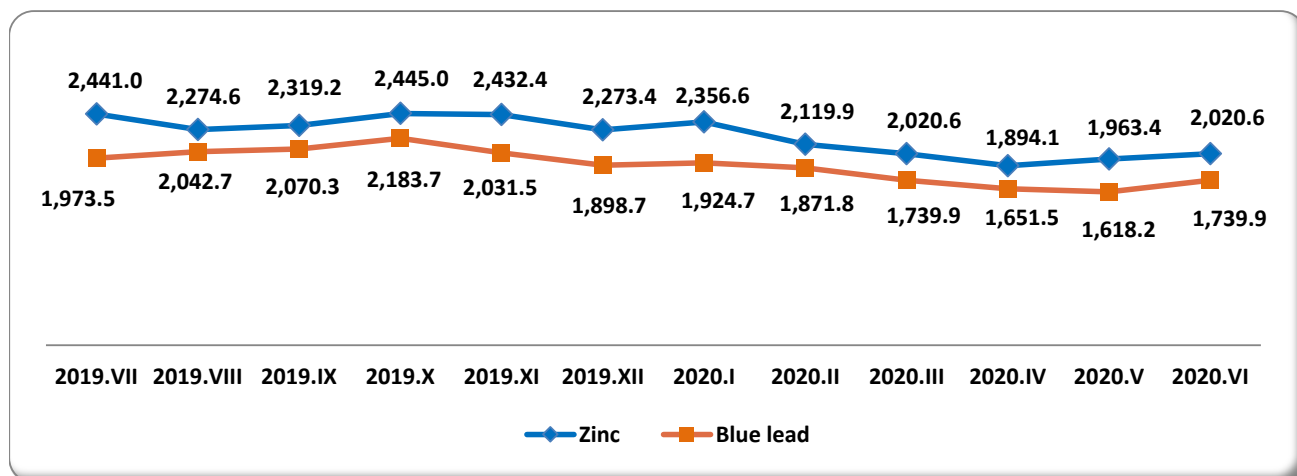
3.4. AVERAGE PRICE OF TIN, MOLYBDENIUM AND TUNGSTEN ON THE WORLD MARKET, by US\$/tons and last 12 months



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



3.6. 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

3.7. LIST OF COMPANIES REGISTERED WITH INTERNATIONAL STOCK EXCHANGE COMPANIES OPERATING IN MONGOLIA'S MINING SECTOR, by 2019-2020

	Stock exchange	Symbol	Currency	Average price						Саях зээлийн үнэлгээ /2020.VII.06/
				2019	2019.VI	2020.V	2020.VI	2020.VI 2019.VI	2020.VI 2020.V	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	1.036	1.221	0.572	0.721	59.0%	126.0%	1.53B
Peabody Energy Corporation	NYQ	BTU	USD	22.07	23.166	3.2	3.45	14.9%	107.8%	268.68M
Rio Tinto plc	LSE	RIO.L	GBp	4,342.7	4,704.2	3,957.5	4,523.1	96.2%	114.3%	74.50B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	0.121	0.126	0.436	0.589	467.5%	135.1%	274.66M
Mongolian Mining Corporation	HKG	0975.HK	HKD	0.412	0.105	0.373	0.36	342.9%	96.5%	452.84M
South Gobi Resources Ltd.	HKG	1878.HK	HKD	0.949	1.088	0.541	0.504	46.3%	93.2%	139.94M
Centerra Gold Inc.	TOR	CG.TO	CAD	9.131	8.667	13.072	13.800	159.2%	105.6%	4.35B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.207	0.202	0.229	0.312	154.5%	136.2%	76.72M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.407	0.416	0.361	0.386	92.8%	106.9%	69.31M
Silver Elephant Mining Corp.	TOR	PCY.TO	CAD	0.268	0.188	-	0.265	-	-	42.86M
Steppe Gold Ltd	TOR	STGO.TO	CAD	0.849	0.69	1.566	1.589	230.3%	101.5%	100.86M
Kincora Copper Limited	VAN	KCC.V	CAD	0.097	0.101	0.106	0.143	141.6%	134.9%	20.00M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.01	0.01	-	-	-	-	-
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.071	0.059	0.034	0.042	71.2%	123.5%	35.64M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.028	0.016	0.077	0.08	500.0%	103.9%	45.69M
Haranga Resources Limited	ASX	HAR.AX	AUD	-	-	-	-	-	-	-
Tian Poh Resources Limited	ASX	TPO.AX	AUD	0.09	0.09	-	-	-	-	19.33M
TerraCom Limited	ASX	TER.AX	AUD	0.512	-	0.135	0.166	-	123.0%	82.78M
Viking Mines Limited	ASX	VKA.AX	AUD	0.011	-	0.008	0.008	-	100.0%	3.14M
Banpu Public Company Limited	SET	BANPU.BK	THB	13.987	14.79	6.681	6.426	-	96.2%	32.52B
Petro Matad Limited	LSE	MATD.L	GBp	5.301	6.975	2.425	3.471	49.8%	143.1%	21.00M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	-	-	-	-	-	-	-

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

3.8. LIST OF COMPANIES REGISTERED WITH INTERNATIONAL STOCK EXCHANGE COMPANIES OPERATING IN MONGOLIA'S MINING SECTOR, by 2019-2020

	Symbol	Average price					
		2019	2019.VI	2020.V	2020.VI	$\frac{2020.VI}{2019.VI}$	$\frac{2020.VI}{2020.V}$
Tavantolgoi	TTL	6,772	6,981	5,450	5,551	79.5%	101.9%
Baganuur	BAN	1,146	1,030	864	929	90.2%	107.5%
Shivee-Ovoo	SHV	2,175	1,818	1,900	1,739	95.7%	91.5%
Aduunchuluun	ADL	1,615	1,655	1,027	960	58.0%	93.5%
Shariin Gol	SHG	1,542	1,583	977	1,104	69.7%	113.0%
Erdene Resource Development Corporation	ERDN	502	480	512	582	121.3%	113.7%
Mogoin gol	BDL	7,766	7,041	7,000	-	-	-
Bayanteeg	BTG	21,841	20,640	-	-	-	-
Berkh-Uul	BEU	574	-	700	-	-	-
Khar Tarvagatai	TVT	7,080	-	-	4,450	-	-
Taliin Gal	TAL	-	-	-	-	-	-
Mongol Basalt	MBW	277	287	208	211	73.5%	101.4%
Mongol Ceramic	KEK	18,587	-	-	-	-	-
Silikat	SIL	76	90	-	36	40.0%	-
Songolon barmat	SSG	-	-	-	1,086	-	-
Remicon	RMC	28	29	27	29	100.0%	107.4%
Arig Tal	EER	3,420	3,333	2,753	2,728	81.8%	99.1%
Niislel-Urguu	NUR	5,377	5,015	-	-	-	-
Erchim Bayan-Ulgii	BOE	749	-	-	-	-	-
Khukh Gan	HGN	75	81	79	-	-	-
Nako Tulsh	NKT	82	84	-	30	35.7%	-

Source: www.mse.mn

3.9. REHABILITATION WORK BY MINING LICENSE HOLDERS, 2018-2019 (2020.V.01)

	Unit	2018	2019
Area covered by mining	ha	1,059.3	467.3
Rehabilitated area	ha	924.2	2,470.2
Expenses for rehabilitation	mln.MNT	3,891.2	11,241.0
Area covered by technical rehabilitation	ha	753.0	542.7
Area covered by biological rehabilitation	ha	697.5	371.4
Environmental expenses	mln.MNT	7,008.3	1,449.9
Area of abusive protection rehabilitation	ha	179.4	1,537.2
Expenses for abusive protection rehabilitation	mln.MNT	664.1	478.3
Area of remodeling the mine and rehabilitation of the village	ha	47.3	19.0
Expenses for remodeling the mine and rehabilitation of the village	mln.MNT	312.1	390.7

3.10. AREA COVERED BY MINING AND REHABILITATION AREA IN 2019, by provinces

	Count of entities	Area covered by mining		Area covered by technical rehabilitation		Area covered by biological rehabilitation		Environmental expenses	
		Ha	Percent	Ha	Percent	Ha	Percent	Ha	Percent
TOTAL	81	467.3	100%	542.7	100%	371.4	100%	2470.2	100%
Arkhangai	1	0.7	0.1%	44.6	8.2%	19.2	5.2%	63.8	2.6%
Bayankhongor	6	33.1	7.1%	23.0	4.2%	3.2	0.9%	1,484.2	60.1%
Bulgan	5	38.3	8.2%	46.3	8.5%	31.6	8.5%	79.8	3.2%
Bulgan, Selenge	1	4.7	1.0%	10.5	1.9%	6.9	1.9%	17.4	0.7%
Bulgan, Tuv	6	99.4	21.3%	162.4	29.9%	114.2	30.7%	277.0	11.2%
Govi-Altai	1	3.3	0.7%	2.9	0.5%	2.9	0.8%	5.7	0.2%
Govisumber	1	-	-	-	-	-	-	-	-
Darkhan Uul	6	18.8	4.0%	23.6	4.4%	12.5	3.4%	38.4	1.6%
Dornogovi	6	27.4	5.9%	7.4	1.4%	10.0	2.7%	18.4	0.7%
Dornod	3	4.8	1.0%	2.5	0.5%	2.0	0.5%	8.0	0.3%
Dundgovi	6	17.9	3.8%	-	-	0.8	0.2%	62.9	2.5%
Zavkhan	1	-	-	-	-	-	-	-	-
Orkhon	2	52.4	11.2%	2.0	0.4%	4.0	1.1%	8.2	0.3%
Sukhbaatar	1	-	-	-	-	-	-	0.3	0.0%
Selenge	7	7.9	1.7%	24.1	4.4%	23.8	6.4%	56.8	2.3%
Tuv	19	143.9	30.8%	178.8	32.9%	140.2	37.8%	327.0	13.2%
Khentii	9	14.7	3.1%	14.7	2.7%	0.2	0.1%	22.4	0.9%

Эх сурвалж: Уул уурхайн үйлдвэрлэл, технологийн хэлтэс, АМГТГ

4 | COAL

4.1. STRIPING, COAL PRODUCTION, SALE AND EXPORT, by 2015-2020

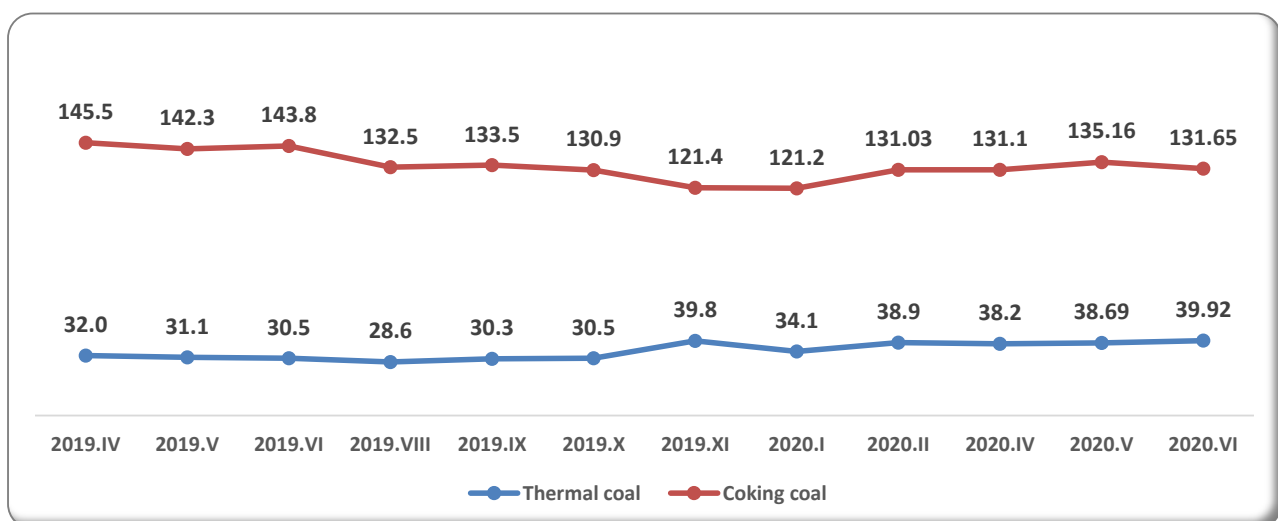
	Striping /ths.m3/	Coal production /ths.tons/	Coal sale /ths.tons/	Coal export /ths.tons/
2015	92,975.0	23,979.0	22,125.0	14,468.0
2016	102,374.3	35,096.5	33,831.7	25,809.3
2017	197,240.8	49,480.3	41,904.6	33,400.1
2018	244,861.2	54,572.3	45,741.9	36,671.4
2019	292,181.7	57,128.8	47,047.8	36,809.1
2020.I-VI	97,620.4	14,223.4	11,353.6	7,074.7

4.2. COAL SALE, by ths.tons, type and 2020.I-VI

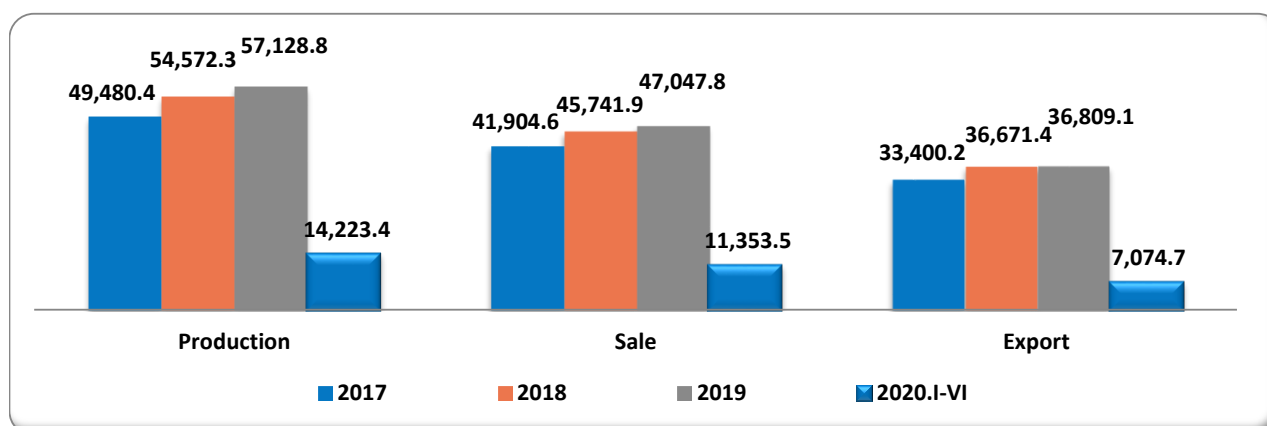
	TOTAL	Export	Local
БҮГД	11,353.6	7,074.7	4,278.9
Washed coking coal	1,555.9	1,555.9	-
Raw coking coal	2,329.0	2,329.0	-
Weak coking coal	2,404.8	2,404.8	-
Thermal coal	785.0	785.0	-
Brown coal	4,278.9	0.0	4,278.9

Source: Coal Research Division, MRPAM

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



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

4.4. COAL PRODUCTION, SALE AND EXPORT, by *ths.tons* and 2017- 20204.5. COAL PRODUCTION, SALE AND EXPORT, by *ths.tons*, month and 2018-2020

	Production	Sale	Export
2019	57,128.8	47,047.8	36,809.1
2019.I	4,408.8	4,337.0	3,245.5
2019.II	4,155.0	2,990.3	1,929.5
2019.III	4,644.1	4,345.4	3,526.4
2019.IV	4,870.2	4,128.7	3,527.0
2019.V	5,244.6	3,891.8	3,378.5
2019.VI	4,435.5	3,695.8	3,066.5
2019.VII	5,196.0	3,602.8	2,936.6
2019.VIII	5,402.1	4,139.1	3,415.9
2019.IX	5,801.5	4,773.7	3,987.6
2019.X	5,306.4	4,719.3	3,755.1
2019.XI	4,701.0	2,587.1	1,570.6
2019.XII	2,963.6	3,836.8	2,469.9
2020.I-VI	14,223.4	11,353.5	7,074.7
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	1,320.3	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
<u>2020.VI</u> 2019.VI	76.5%	58.2%	58.8%
<u>2020.I-VI</u> 2019.I-VI	51.2%	48.5%	37.9%

Source: Coal Research Division, MRPAM

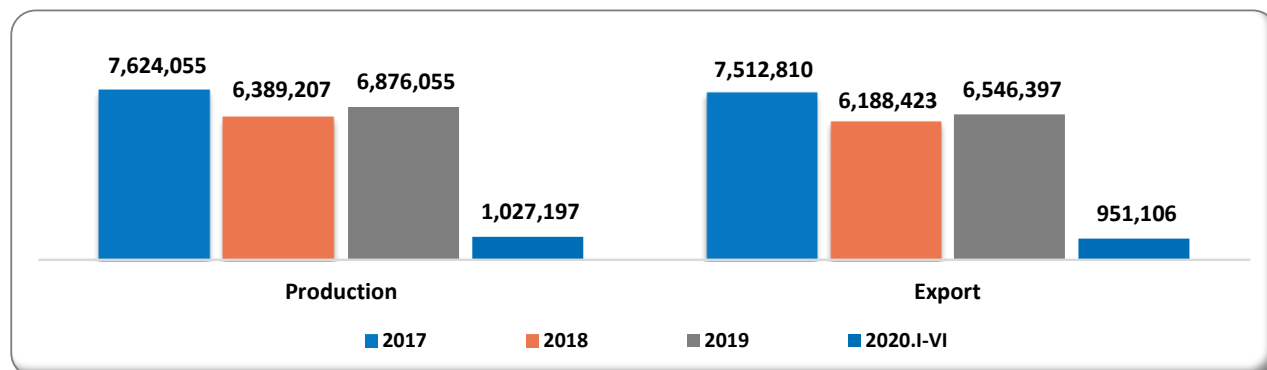
4.6. MINING AND PETROLEUM EXAMINATION AND TESTING CENTRAL LABORATORY, 2020.VI

Type of coal	Name	Classification	Border name	Deposit name	Total moisture	Ash	Volatile matter	Sulfur value	Calorific value	Free swelling index	Gelification index
					Weight, %				Kcal/kg	Index	
Raw coal	Coal	Coking	Gashuun sukhait	Baruun Zuun Tsankhi	4.3	16.1	27.2	1.06	6551	7.0	76.0
				Tavan tolgoi 4th orifice	3.9	16.1	28.2	0.77	6505	7.0	85.2
		Weak coking	Gashuun sukhait	Ukhaa Khudag	7.3	9.2	33.3	0.78	6752	7.5	81.2
				Tavan tolgoi 8th orifice	5.0	17.9	31.3	1.41	6346	7.5	80.1
			Shivee khuren	Chinkhua Mak	3.4	9.2	33.7	1.09	6983	5.0	70.3
				Baruun Noyon	1.7	17.2	29.3	1.10	6584	7.0	84.2
			Zamiin Uud	Mogoin gol	1.9	7.6	38.5	0.55	7336	9.0	94.5
		Non coking	Gashuun sukhait	ETT Erchim Khuch	2.9	20.3	28.8	0.99	5922	0.0	0.0
				Tavan tolgoi erchim khuch	5.7	18.4	30.7	0.57	5647	0.0	0.0
		Other	Zamiin Uud	Alag Tolgoi	7.6	11.0	40.9	1.79	5874	0.0	0.0
				Dalan Shtain	2.9	24.3	22.5	1.32	5994	0.0	0.0
				Khuut	13.3	12.8	40.5	0.82	5201	0.0	0.0
		Washed coal	Coal	Coking	Gashuun sukhait	Ukhaa Khudag	8.7	9.8	24.5	0.71	6794
Khangi	Ail bayan				1.0	11.1	25.0	0.45	7413	6.0	76.9
Yarant	Khushuut				1.9	18.6	19.2	0.61	6747	7.5	80.3
Non coking	Shivee khuren			SGS	3.2	19.7	36.4	1.09	6039	1.5	19.8

Source: Central Laboratory of Mining and Petroleum, MRPAM

5 | PETROLEUM

5.1. PETROLEUM PRODUCTION AND EXPORT, by barrel and 2017-2020



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

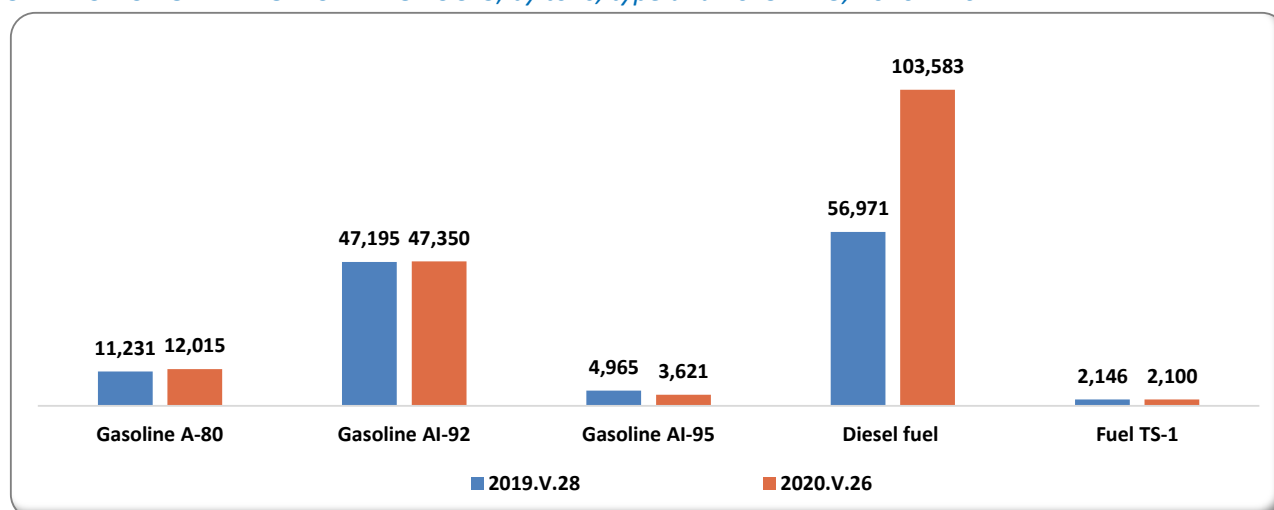
	Production		Export	
	Barrel	Percent	Barrel	Percent
2019	6,876,055	100%	6,546,397	100%
2019.I	586,737	8.5%	533,837	8.2%
2019.II	515,318	7.5%	477,824	7.3%
2019.III	569,607	8.3%	609,105	9.3%
2019.IV	549,449	8.0%	484,692	7.4%
2019.V	565,176	8.2%	521,783	8.0%
2019.VI	575,602	8.4%	549,609	8.4%
2019.VII	601,694	8.8%	548,598	8.4%
2019.VIII	591,121	8.6%	564,567	8.6%
2019.IX	570,280	8.3%	551,501	8.4%
2019.X	613,122	8.9%	619,007	9.5%
2019.XI	579,933	8.4%	539,023	8.2%
2019.XII	558,016	8.1%	546,852	8.4%
2020.I-VI	1,027,197	100%	951,106	100%
2020.I	375,846	36.6%	287,707	30.2%
2020.II	45,511	4.4%	-	-
2020.III	40,235	3.9%	34,584	3.6%
2020.IV	97,679	9.5%	165,747	17.4%
2020.V	210,104	20.5%	175,756	18.5%
2020.VI	257,822	25.1%	287,313	30.2%
<u>2020.VI</u> <u>2019.VI</u>	44.8%	-	52.3%	-
<u>2020.I-VI</u> <u>2019.I-VI</u>	30.6%	-	29.9%	-

Source: Petroleum Exploitation Division, MRPAM

5.3. PETROLEUM PRODUCTS IMPORTING, by tons, type, months and 2019-2020

	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
2019.I	185,605	7,230	51,032	2,480	179	108,528	3,155	3,123	9,878
2019.II	131,054	3,986	33,815	2,098	64	77,429	2,825	2,247	8,590
2019.III	147,618	5,913	40,407	373	-	82,892	3,515	4,008	10,510
2019.IV	134,340	8,390	35,288	1,773	182	71,583	5,926	4,102	7,096
2019.V	131,925	4,163	28,940	1,759	60	75,632	1,012	2,760	17,599
2019.VI	162,756	4,881	30,035	-	-	102,827	4,232	3,229	17,551
2019.VII	238,640	6,405	54,880	2,071	116	142,804	4,690	4,858	22,817
2019.VIII	199,703	5,397	42,280	4,416	239	106,160	7,616	2,974	30,620
2019.IX	154,164	4,394	29,095	1,828	112	80,774	2,267	3,806	31,887
2019.X	167,607	4,351	26,060	2,426	122	83,323	5,831	3,470	42,024
2019.XI	156,548	8,138	35,181	1,710	54	92,739	2,268	3,072	13,386
2019.XII	194,212	7,309	61,813	2,424	63	93,724	3,285	3,470	22,125
2020.I-VI	932,025	26,446	252,787	12,871	305	476,937	13,802	9,788	139,089
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
<u>2020.VI</u> <u>2019.VI</u>	141.3%	132.8%	188.6%	-	-	122.5%	70.9%	2.0%	200.6%
<u>2020.I-VI</u> <u>2019.I-VI</u>	104.3%	76.5%	115.2%	151.7%	62.8%	91.9%	66.8%	50.3%	195.3%

5.4. RESIDUE OF PETROLEUM PRODUCTS, by tons, type and 2019.V.28, 2020.V.26



Source: Petroleum Products Division, MRPAM

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

	Нью-Йорк / WTI	Лондон / BRENT	ОХУ / URAL S32'	БНХАУ / DAQNG 33'
2019.VII.02	458.74	492.65	458.94	432.35
2019.VII.09	448.36	485.28	444.69	416.13
2019.VII.16	464.04	504.66	464.06	429.15
2019.VII.23	438.61	481.03	439.58	411.12
2019.VII.30	446.41	485.59	455.65	405.01
2019.VIII.06	422.84	451.32	459.67	392.07
2019.VIII.13	427.60	444.18	407.06	365.17
2019.VIII.20	438.53	454.74	409.61	373.75
2019.VIII.27	420.74	444.10	412.17	376.30
2019.IX.02	427.92	446.84	424.23	383.93
2019.IX.10	423.23	478.75	416.92	390.84
2019.IX.17	484.02	518.56	403.77	415.63
2019.IX.24	455.85	481.79	444.33	412.50
2019.X.01	424.80	453.60	411.81	396.29
2019.X.08	414.11	446.00	393.17	385.16
2019.X.15	417.77	450.94	407.42	397.23
2019.X.22	417.38	447.75	398.65	398.69
2019.X.29	432.75	462.87	427.52	413.88
2019.XI.05	440.32	471.38	425.69	421.88
2019.XI.12	442.20	472.44	439.21	419.62
2019.XI.19	444.22	474.42	437.02	430.82
2019.XI.25	452.26	474.95	437.75	434.46
2019.XII.03	437.75	462.87	412.90	429.37
2019.XII.10	459.36	488.17	437.02	444.92
2019.XII.17	469.35	496.45	422.77	454.96
2019.XII.24	472.78	497.06	435.56	461.43
2019.XII.30	481.60	508.61	436.65	479.89
2020.I.07	490.50	519.86	436.65	479.17
2020.I.14	452.73	487.94	438.48	463.97
2020.I.21	453.82	490.75	440.31	461.94
2020.I.28	413.95	443.65	417.65	442.74
2020.II.04	395.07	416.90	390.98	400.07
2020.II.11	391.48	410.37	378.92	386.33
2020.II.18	402.63	433.09	387.69	404.87
2020.II.21	418.79	444.94	408.52	413.95
2020.III.03	375.32	404.21	328.13	363.28
2020.III.10	257.50	279.23	351.88	252.05
2020.III.17	225.19	238.65	213.03	241.22
2020.III.24	190.47	231.51	169.91	182.77
2020.III.31	161.37	202.64	143.24	163.21
2020.IV.07	209.43	255.82	181.60	202.69
2020.IV.14	177.28	245.19	208.64	210.76
2020.IV.21	1.09	189.49	179.41	169.10
2020.IV.28	91.45	147.78	152.74	106.14
2020.V.05	166.05	211.60	154.20	114.94
2020.V.12	191.02	226.04	219.97	156.52
2020.V.19	251.65	265.55	221.80	181.17
2020.V.26	266.63	273.30	253.95	188.58
2020.VI.02	276.85	291.84	266.01	213.16
2020.VI.09	294.88	307.57	304.74	251.98
2020.VI.16	294.80	307.95	282.82	224.72
2020.VI.23	315.71	327.32	311.32	253.65
2020.VI.30	310.09	316.91	302.92	248.49
2020.VI.30	116.3%	116.0%	119.3%	131.8%
2020.V.26				
2020.VI.30	68.8%	65.0%	68.2%	59.5%
2019.VI.25				

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.

5.6. .RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, by MNT/litre, provinces and 2020.V.26, 2020.VI.30

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2020.V.26	2020.VI.30	$\frac{2020.VI.30}{2020.V.26}$	2020.V.26	2020.VI.30	$\frac{2020.VI.30}{2020.V.26}$	2020.V.26	2020.VI.30	$\frac{2020.VI.30}{2020.V.26}$	2020.V.26	2020.VI.30	$\frac{2020.VI.30}{2020.V.26}$
NATIONAL AVERAGE	1,443	1,443	100.0%	1,511	1,507	99.8%	1,878	1,878	100.0%	2,076	1,976	95.2%
Western region	1,530	1,530	100.0%	1,594	1,590	99.7%	-	-	-	2,054	1,954	95.1%
Bayan-Ulgii	1,500	1,500	100.0%	1,570	1,570	100.0%	-	-	-	1,890	1,790	94.7%
Govi-Altai	1,460	1,460	100.0%	1,550	1,550	100.0%	-	-	-	2,100	2,000	95.2%
Zavkhan	1,630	1,630	100.0%	1,670	1,650	98.8%	-	-	-	2,180	2,080	95.4%
Uvs	1,490	1,490	100.0%	1,580	1,580	100.0%	-	-	-	2,050	1,950	95.1%
Hovd	1,570	1,570	100.0%	1,600	1,600	100.0%	-	-	-	2,050	1,950	95.1%
Hangai region	1,386	1,386	100.0%	1,464	1,449	98.9%	1,883	1,883	100.0%	2,060	1,959	95.1%
Arkhangai	1,400	1,400	100.0%	1,480	1,480	100.0%	1,940	1,940	100.0%	2,110	2,010	95.3%
Bayankhongor	1,420	1,420	100.0%	1,460	1,460	100.0%	-	-	-	2,120	2,020	95.3%
Bulgan	1,360	1,360	100.0%	1,460	1,390	95.2%	1,850	1,850	100.0%	2,010	1,900	94.5%
Uvurkhangai	1,380	1,380	100.0%	1,460	1,460	100.0%	1,940	1,940	100.0%	2,100	2,000	95.2%
Orkhon	1,370	1,370	100.0%	1,460	1,420	97.3%	1,840	1,840	100.0%	2,010	1,910	95.0%
Selenge	1,360	1,360	100.0%	1,420	1,420	100.0%	1,830	1,830	100.0%	2,000	1,900	95.0%
Khuvsgul	1,410	1,410	100.0%	1,510	1,510	100.0%	1,900	1,900	100.0%	2,070	1,970	95.2%
Central region	1,390	1,390	100.0%	1,464	1,470	100.4%	1,850	1,850	100.0%	2,063	1,963	95.2%
Ulaanbaatar	1350-1400	1310-1400	97.0%-100%	1400-1420	1360-1420	97.1%-100%	1800-1810	1800-1810	100.0%	1990-2050	1700-1890	85.4%-92.2%
Tuv	1,350	1,350	100.0%	1,390	1,390	100.0%	1,820	1,820	100.0%	1,990	1,890	95.0%
Darkhan	1,350	1,350	100.0%	1,420	1,420	100.0%	1,820	1,820	100.0%	2,000	1,900	95.0%
Govisumber	1,420	1,420	100.0%	1,460	1,460	100.0%	1,850	1,850	100.0%	2,030	1,930	95.1%
Dundgovi	1,400	1,400	100.0%	1,490	1,490	100.0%	1,860	1,860	100.0%	2,090	1,990	95.2%
Dornogovi	1,400	1,400	100.0%	1,480	1,500	101.4%	1,850	1,850	100.0%	2,100	2,000	95.2%
Umnugovi	1,410	1,410	100.0%	1,530	1,530	100.0%	1,900	1,900	100.0%	2,130	2,030	95.3%
Zamin Uud	1,400	1,400	100.0%	1,480	1,500	101.4%	1,850	1,850	100.0%	2,100	2,000	95.2%
Eastern region	1,467	1,467	100.0%	1,520	1,520	100.0%	1,900	1,900	100.0%	2,127	2,027	95.3%
Dornod	1,470	1,470	100.0%	1,510	1,510	100.0%	1,900	1,900	100.0%	2,100	2,000	95.2%
Sukhbaatar	1,470	1,470	100.0%	1,550	1,550	100.0%	1,950	1,950	100.0%	2,180	2,080	95.4%
Khentii	1,460	1,460	100.0%	1,500	1,500	100.0%	1,850	1,850	100.0%	2,100	2,000	95.2%

Source: Petroleum Products Division, MRPAM

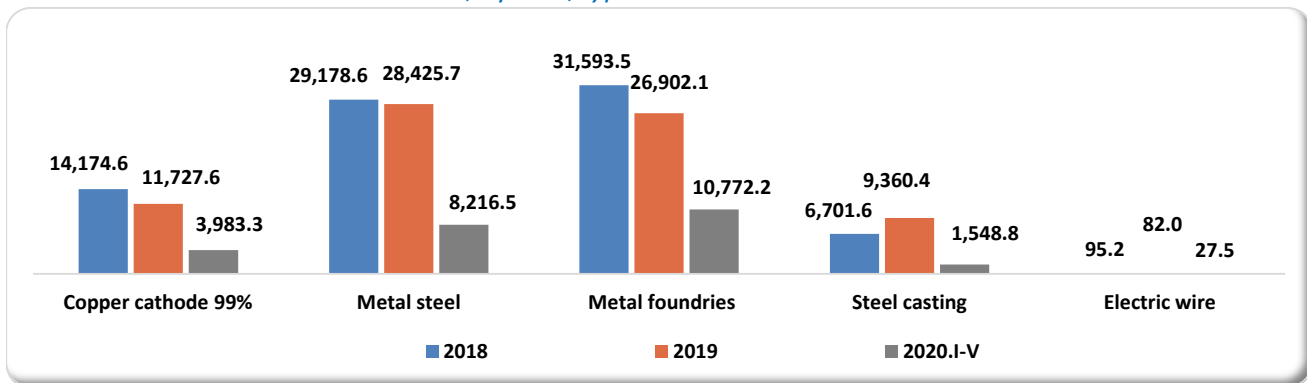
5.7.RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, by MNT/litre, type, and end of month 2018-2020

	Gasoline A-80	Gasoline AI-92	Gasoline AI-95	Diesel fuel
2018.I.30	1569	1709	2042	1987
2018.II.27	1644	1792	2073	2097
2018.III.27	1677	1824	2071	2116
2018.V.01	1667	1813	2082	2089
2018.V.29	1669	1813	2129	2087
2018.VI.26	1691	1815	2076	2091
2018.VII.31	1750	1888	2157	2175
2018.VIII.28	1750	1888	2157	2180
2018.IX.25	1783	1917	2163	2215
2018.X.30	1865	2002	2223	2328
2018.XI.27	1931	2068	2342	2443
2018.XII.31	1879	1924	2319	2450
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.VI.30 2020.V.26	100.0%	99.7%	100.0%	95.2%
2020.VI.30 2019.VI.25	77.0%	76.6%	81.8%	81.1%
2020.VI.30 2018.VI.26	85.3%	83.0%	90.5%	94.5%

Source: Petroleum Products Division, MRPAM

6 | HEAVY INDUSTRY

6.1. HEAVY INDUSTRIAL PRODUCTION, by tons, type and 2017-2020

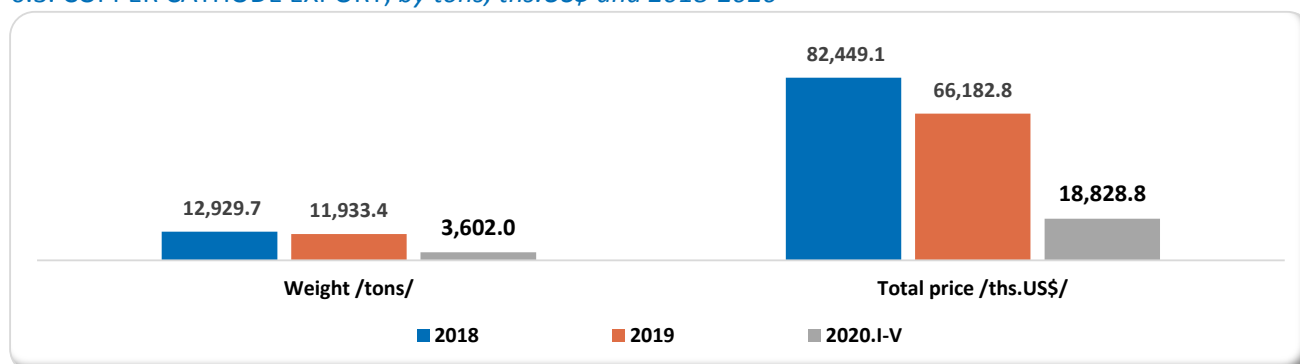


6.2. HEAVY INDUSTRIAL PRODUCTION, by tons, type and months 2019-2020

	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.I-V	3,983.3	8,216.5	10,772.2	1,548.8	27.5
2020.I	903.9	2,633.4	3,679.0	722.3	0.1
2020.II	817.3	2,155.7	3,390.8	-	6.6
2020.III	727.0	42.6	-	0.5	8.7
2020.IV	741.8	3,294.9	-	0.7	8.4
2020.V	793.3	89.9	3,702.4	825.3	3.7
2020.V 2019.V	73.7%	2.5%	90.4%	69.9%	53.6%
2020.I-V 2019.I-V	73.7%	60.8%	80.6%	45.9%	59.8%

Source: Heavy Industry and Technology Division, MRPAM

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



6.4. 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.I-V	3,602.0	100%	18,828.8	100%
2020.I	-	-	-	-
2020.II	1,160.1	32.2%	6,408.3	34.0%
2020.III	960.9	26.7%	5,179.7	27.5%
2020.IV	720.5	20.0%	3,466.4	18.4%
2020.V	760.5	21.1%	3,774.4	20.0%
2020.V 2019.V	100.0%	-	82.7%	-
2020.I-V 2019.I-V	94.7%	-	81.8%	-

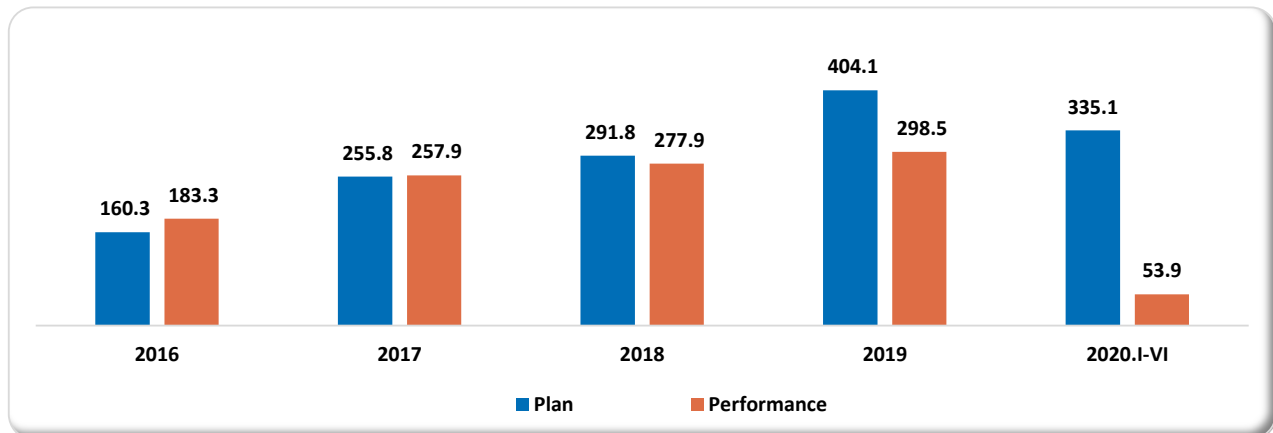
Source: Heavy Industry and Technology Division, MRPAM

7 | STATE BUDGET REVENUE

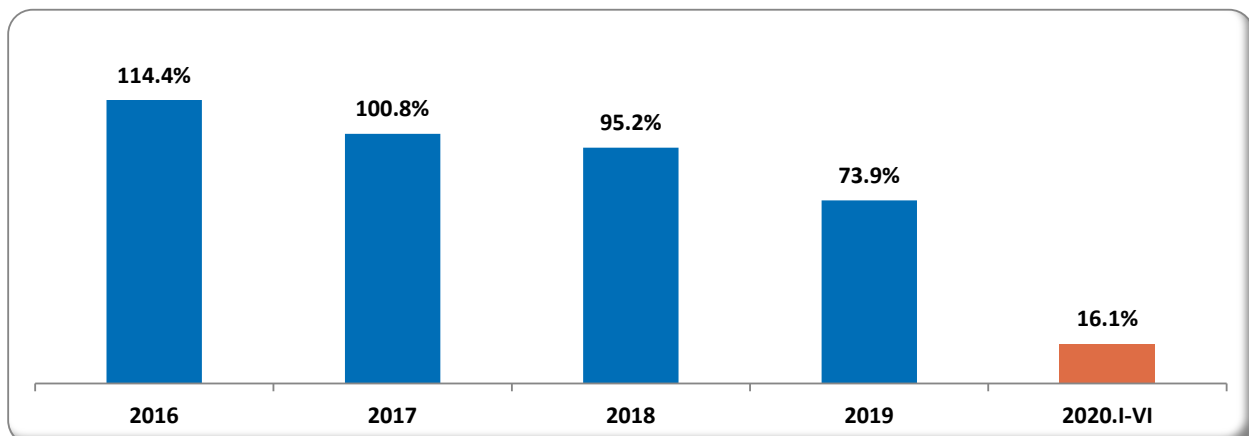
7.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, by million.MNT, income type and 2020

	Plan of 2020	2020.I-VI	
		Performance	Performance rate
TOTAL	335,100.0	53,868.6	16.1%
License fee	36,000.0	14,585.3	40.5%
Reimbursement	5,000.0	3,679.3	73.6%
Petroleum export revenue	266,000.0	33,781.0	12.7%
Service revenue (petroleum)	7,473.0	908.4	12.2%
Service revenue (mineral resources)	6,627.0	868.5	13.1%
Tender revenue	14,000.0	46.1	0.3%

7.2. BUDGET REVENUE OF MRPAM, by billion MNT and 2016-2020



7.3. 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