



IMPLEMENTING AGENCY OF MONGOLIAN GOVERNMENT
MINERAL RESOURCES AND PETROLEUM AUTHORITY



MINERAL RESOURCES AND PETROLEUM STATISTICS

2020/02



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Valid mining and exploration licenses **2,771** (2020.II.29)

Valid licensed area size **7.2** mln.ha (2020.II.29)

Percent of total licensed area in Mongolia's territory **4.7%** (2020.II.29)

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

Average price of gold on the world market **1,597.1** US\$/ounce (2020.II)

Average price of copper on the world market **5,685.9** US\$/tons (2020.II)

Average price of thermal coal on the world market **38.9** US\$/tons (2020.II)

Average price of coking coal on the world market **131.0** US\$/tons (2020.II)

Coal production **5,685.9** ths.tons (2020.I-II)

Coal sale **4,198.1** ths.tons (2020.I-II)

Coal export **2,454.6** ths.tons (2020.I-II)

Petroleum production **421,190** barrel (2020.I-II)

Petroleum export **287,706** barrel (2020.I-II)

Petroleum import **305,008** tons (2020.I-II)

Average price of gasoline A-80 **1,847** MNT (2020.II.21)

Average price of gasoline AI-92 **1,925** MNT (2020.II.21)

Average price of gasoline AI-95 **2,260** MNT (2020.II.21)

Average price of diesel fuel **2,524** MNT (2020.II.21)

Copper cathode 99% production **903.9** tons (2020.I)

Metal steel production **2,633.4** tons (2020.I)

Metal foundries production **3,679.0** tons (2020.I)

Steel casting production **722.3** tons (2020.I)

Electric wire production **0.1** tons (2020.I)

Copper cathode export **11,933.4** tons (2019)

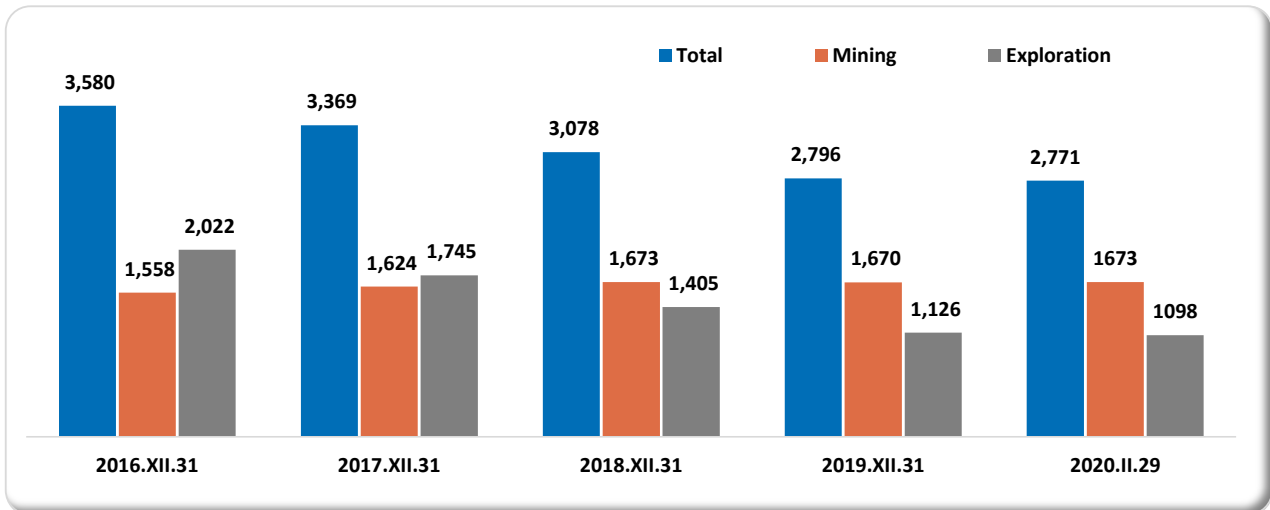
Budget revenue of MRPAM **26,713.6** mln.MNT (2020.I-II)

1.1. COUNT OF VALID LICENSES AND AREA SIZE, by provinces and 2020.II.29

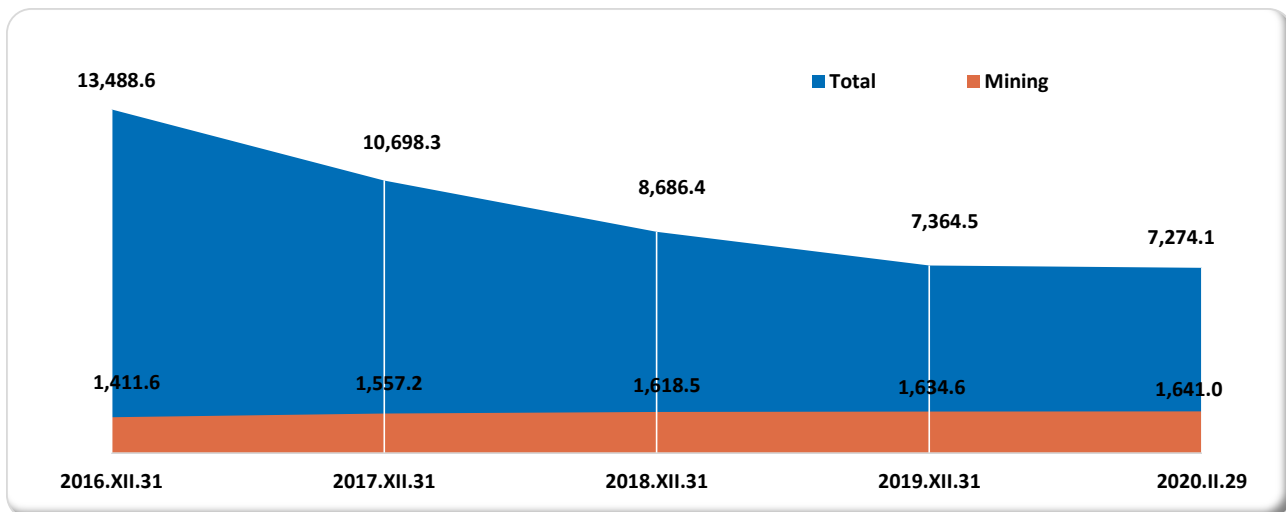
	TOTAL			Of which:					
	Count of Licenses	Area size /ths.ha/	Percent of total territory	Mining			Exploration		
				Count of Licenses	Area size /ths.ha/	Percent of total territory	Count of Licenses	Area size /ths.ha/	Percent of total territory
TOTAL	2,771	7,274.1	4.7%	1,673	1,641.0	1.0%	1,098	5,633.1	3.7%
Arkhangai	21	60.6	1.1%	15	6.2	0.1%	6	54.4	1.0%
Bayan-Ulgii	60	179.9	3.9%	28	15.4	0.3%	32	164.5	3.6%
Bayankhongor	141	352.6	3.1%	87	121.4	1.1%	54	231.2	2.0%
Bulgan	109	131.7	2.7%	74	35.7	0.7%	35	95.9	2.0%
Uvurkhangai	48	136.0	2.2%	28	15.7	0.2%	20	120.4	1.9%
Govi-Altai	149	705.9	5.0%	52	82.3	0.6%	97	623.6	4.4%
Govisumber	18	45.6	8.2%	13	38.9	7.0%	5	6.7	1.2%
Darkhan Uul	68	12.7	3.9%	62	7.6	2.3%	6	5.1	1.6%
Dornogovi	341	1,241.4	11.4%	188	231.5	2.1%	153	1,009.9	9.2%
Dornod	154	514.1	4.2%	73	63.0	0.5%	81	451.1	3.7%
Dundgovi	202	698.4	9.4%	107	182.7	2.4%	95	515.7	6.9%
Zavhan	52	263.8	3.2%	9	14.1	0.2%	43	249.8	3.0%
Umnugovi	177	1,109.6	6.7%	93	448.4	2.7%	84	661.2	4.0%
Orkhon	9	11.1	13.2%	9	11.1	13.2%	0	0.0	0.0%
Sukhbaatar	94	294.2	3.6%	67	59.8	0.7%	27	234.4	2.8%
Selenge	179	97.5	2.4%	140	42.8	1.0%	39	54.7	1.3%
Tuv	396	371.1	5.0%	301	153.9	2.1%	95	217.2	2.9%
Uvs	128	421.6	6.1%	48	21.0	0.3%	80	400.6	5.8%
Ulaanbaatar	172	14.7	3.1%	160	13.3	2.8%	12	1.4	0.3%
Khuvsgul	26	17.0	0.2%	21	10.3	0.1%	5	6.7	0.1%
Khovd	101	256.5	3.4%	35	14.0	0.2%	66	242.5	3.2%
Khentii	217	338.3	4.2%	121	52.1	0.6%	96	286.2	3.5%

Source: Cadastre Division, MRPAM

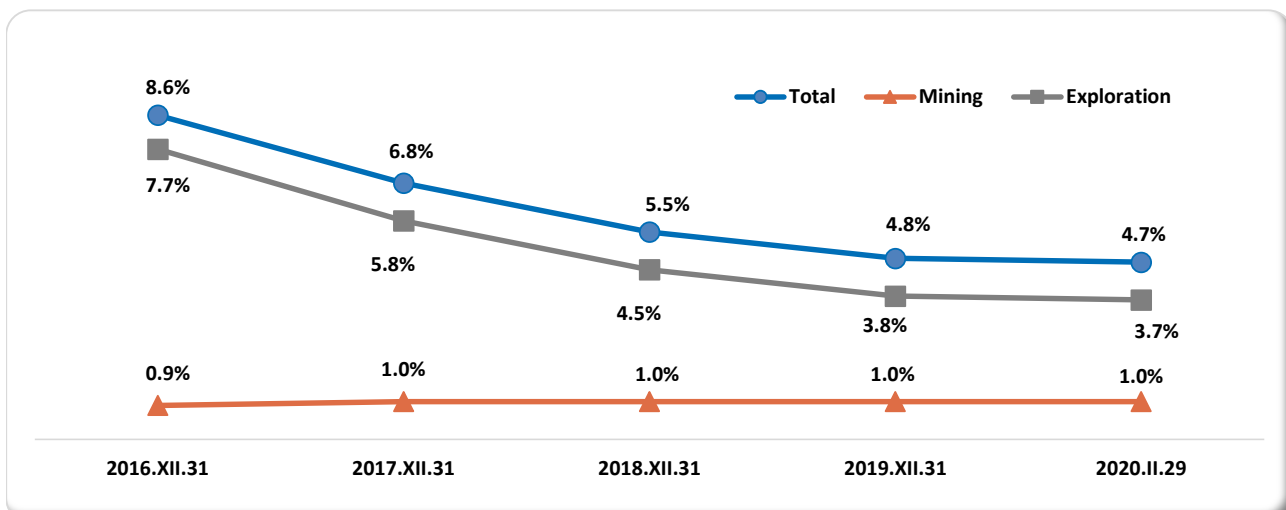
1.2. COUNT OF TOTAL VALID LICENSES, by 2016-2020



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.II.29*

	Mining license		Area size	
	Count	Percent	Hectare	Percent
TOTAL	1673	100%	1,641,044.3	100%
Coal	299	17.9%	789,841.5	48.1%
Gold (placer, rock)	529	31.6%	242,468.8	14.8%
Gold (placer), copper	14	0.8%	86,764.3	5.3%
Copper	16	1.0%	80,534.3	4.9%
Uranium	7	0.4%	76,866.1	4.7%
limestone	77	4.6%	43,868.4	2.7%
Iron	70	4.2%	41,721.9	2.5%
Fluorite	190	11.4%	30,101.0	1.8%
Concentrated metal	23	1.4%	26,976.6	1.6%
Graphite	6	0.4%	19,836.7	1.2%
Sand, gravel	2	0.1%	14,844.7	0.9%
Copper, molybdenum	8	0.5%	14,328.3	0.9%
Gold (placer), concentrated metal	2	0.1%	12,049.7	0.7%
Gold (placer), silver	3	0.2%	9,587.7	0.6%
Common mineral, sand stone	34	2.0%	9,240.3	0.6%
Tungsten	29	1.7%	9,062.1	0.6%
Molybdenum	7	0.4%	8,922.5	0.5%
Copper, concentrated metal, gold, mud, sand, sand stone	1	0.1%	8,489.9	0.5%
Manganese	4	0.2%	7,507.0	0.5%
Earth rare metal	9	0.5%	7,435.4	0.5%
Tin	13	0.8%	6,610.7	0.4%
Gypsum	22	1.3%	6,016.5	0.4%
Copper, gold	4	0.2%	5,367.5	0.3%
Copper, molybdenum, gold	1	0.1%	5,236.0	0.3%
Molybdenum, tungsten	5	0.3%	5,047.1	0.3%
lithium	1	0.1%	4,720.2	0.3%
Common mineral, sand stone	1	0.1%	4,533.3	0.3%
Iron, molybdenum	1	0.1%	4,050.1	0.2%
Common mineral, sand, gravel	70	4.2%	3,685.1	0.2%
Gold (placer), gold (placer)	1	0.1%	3,404.3	0.2%
Graphite, limestone	1	0.1%	3,000.6	0.2%
Other	223	13.3%	48,925.6	3.0%

Source: Cadastre Division, MRPAM

1.6. REGISTERED AREA, by mln.ha, overlap and 2020.II.29

	Hectare	Percent of total territory
Valid mining licensed area	1.6	1.0%
Valid exploration licensed area	5.6	3.7%
State protected area	32.9	21.0%
Special purpose area	32.0	20.5%
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 2020.II.29

	Count of area		Area size	
	Count	Percent	Hectare	Percent
TOTAL	272	100%	1,113.4	100%
Arkhangai	1	0.4%	4.8	0.4%
Bayan-Ulgii	2	0.7%	53.7	4.8%
Bayankhongor	57	21.0%	152.3	13.7%
Bulgan	29	10.7%	126.4	11.3%
Govi-Altai	1	0.4%	5.7	0.5%
Darkhan Uul	6	2.2%	16.6	1.5%
Dornogovi	12	4.4%	59.6	5.4%
Dornod	2	0.7%	26.2	2.4%
Dundgovi	13	4.8%	104.4	9.4%
Uvurkhangai	20	7.4%	39.7	3.6%
Umnugovi	20	7.4%	86.2	7.7%
Selenge	52	19.1%	220.1	19.8%
Tuv	12	4.4%	78.3	7.0%
Ulaanbaatar	5	1.8%	19.0	1.7%
Khovd	4	1.5%	11.3	1.0%
Khentii	36	13.2%	109.4	9.8%

Source: Cadastre Division, MRPAM

1.8. ORIGIN OF LICENSE HOLDERS, by 2020.II.29

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	1756	2771	7,274,121.6	100%
Mongolian entities	1400	2191	5,383,395.2	74.0%
100% foreign entities	254	421	1,514,572.0	20.8%
Joint foreign entities	102	159	376,154.4	5.2%

1.9. ORIGIN OF 100% FOREIGN LICENSE HOLDERS, by countries and 2020.II.29

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	254	421	1,514,572.0	100%
China	134	171	373,075.4	24.63%
Virgin Islands	33	62	143,500.3	9.47%
Singapore	16	58	342,810.4	22.63%
Hong Kong	15	29	140,999.1	9.31%
Canada	12	26	257,598.0	17.01%
South Korea	10	15	34,093.7	2.25%
Australia	5	5	26,641.3	1.76%
Russia	3	3	134.6	0.01%
Holland	3	15	106,872.3	7.06%
Great Britain	3	4	6,038.7	0.40%
United States of America	2	4	3,167.8	0.21%
Bermud	2	3	7,314.3	0.48%
Luxemburg	2	6	13,528.2	0.89%
Germany	2	2	603.9	0.04%
Japan	2	3	3,015.1	0.20%
Luxemburg, Seychelles	1	1	36,391.0	2.40%
Kazakhstan	1	1	136.5	0.01%
Russia, South Korea	1	1	118.2	0.01%
Malaysia	1	2	2,416.5	0.16%
New Zealand	1	2	149.4	0.01%
Barbados	1	4	10,040.0	0.66%
Bulgaria	1	1	3,700.9	0.24%
Virgin Islands, Singapore	1	1	1,934.0	0.13%
Ukraine	1	1	245.0	0.02%
Russia, China	1	1	47.5	0.00%

Source: Cadastre Division, MRPAM

1.10. ORIGIN OF JOINT FOREIGN LICENSE HOLDERS, *by countries and 2020.II.29*

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	102	159	376,154.4	100%
Mongolia, China	48	72	106,509.3	28.3%
Mongolia, South Korea	10	17	44,048.4	11.7%
Mongolia, Russia	8	10	1,382.3	0.4%
Mongolia, Virgin Islands	6	10	35,233.8	9.4%
Mongolia, Japan	5	12	24,547.7	6.5%
Mongolia, Germany	4	5	11,776.3	3.1%
Mongolia, Singapore	4	6	19,279.5	5.1%
Mongolia, Czech Republic	3	6	52,377.8	13.9%
Mongolia, Great Britain	2	2	5,135.2	1.4%
Mongolia, Hong Kong, Japan	1	3	43,809.3	11.6%
Mongolia, Kazakhstan	1	1	1,789.4	0.5%
Mongolia, United States of America, Virgin Islands, South Korea	1	1	3,766.7	1.0%
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	1.7%
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, Singapore, Hong Kong	1	1	1,469.5	0.4%
Mongolia, Hong Kong	1	4	8,665.5	2.3%
Mongolia, Hungary	1	1	87.4	0.0%

Source: Cadastre Division, MRPAM

1.11. PLEDGING LICENSES, by bank and non-bank financial institute and 2020.II.29

	License		Area	
	Count	Percent	Hectare	Percent
TOTAL	219	100%	244,974.3	100%
Trade and Development Bank	31	14.2%	16,718.8	6.8%
Golomt Bank	26	11.9%	25,956.3	10.6%
Development Bank of Mongolia	25	11.4%	16,818.6	6.9%
HAAN Bank	15	6.8%	2,891.8	1.2%
Golomt, Saving, Zoos, Anod Banks	11	5.0%	80,891.6	33.0%
XAC Bank	10	4.6%	2,555.0	1.0%
Ulaanbaatar City Bank	10	4.6%	8,689.8	3.5%
Capital Bank	9	4.1%	1,098.2	0.4%
Chinggis Khan Bank	7	3.2%	3,201.9	1.3%
European Bank for Reconstruction and Development	7	3.2%	2,658.5	1.1%
Anod Bank	6	2.7%	7,145.9	2.9%
Capitronbank	5	2.3%	1,431.0	0.6%
Bank of China	4	1.8%	978.2	0.4%
State Bank	4	1.8%	570.6	0.2%
Triple flag mining finance Bermuda Ltd	3	1.4%	13,017.0	5.3%
Saving bank	3	1.4%	10,911.8	4.5%
Export-Import Bank of China	3	1.4%	1,092.0	0.4%
Bogd bank	3	1.4%	154.0	0.1%
National Investment Bank	3	1.4%	1,087.5	0.4%
Transport Development bank	3	1.4%	1,670.1	0.7%
Erel bank	2	0.9%	150.3	0.1%
First lithium Corporation	2	0.9%	17,131.1	7.0%
GSB capital NBF	2	0.9%	9,271.1	3.8%
World Gold	2	0.9%	2,194.9	0.9%
Credit bank	2	0.9%	222.6	0.1%
Khutult nomgon	2	0.9%	253.4	0.1%
Other	19	8.7%	16,212.2	6.6%

Source: Cadastre Division, MRPAM

1.12. LIST OF LICENSE HOLDERS WITH 10 AND ABOVE LICENSES, by 2020.II.29

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	17	9,557.3	mongolian legal entity	Mongolia
4	Tsaina investment mongolia	15	207,645.0	Entity with 100% foreign investment	Singapore
5	Olon-Ovoot gold	14	90,111.6	mongolian legal entity	Mongolia
6	Gobi Coal and Energy	12	7,139.8	mongolian legal entity	Mongolia
7	Khunnu govi altai	12	2,206.7	mongolian legal entity	Mongolia
8	Platinum land	11	3,621.3	mongolian legal entity	Mongolia
9	MoEnCo	10	12,807.4	Entity with 100% foreign investment	Singapore
10	MAK cement	10	3,745.9	mongolian legal entity	Mongolia

1.13. LIST OF LICENSE HOLDERS WITH 100'000 AND ABOVE LICENSED AREA SIZE, by 2020.II.29

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-II
TOTAL	613	813	1187	698	49
New license	131	288	226	218	13
Mining	103	65	78	73	13
Exploration	0	0	0	0	0
Tender	28	223	148	145	0
Extension of exploration license	173	231	657	273	11
Transfer	139	153	157	72	10
Mining	49	78	25	24	4
Exploration	90	75	132	48	6
Pledge	33	37	61	25	4
Mining	30	32	58	24	4
Exploration	3	5	3	1	0
Surrender	137	104	86	110	11
Mining	26	14	12	12	2
Exploration	111	90	74	98	9

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

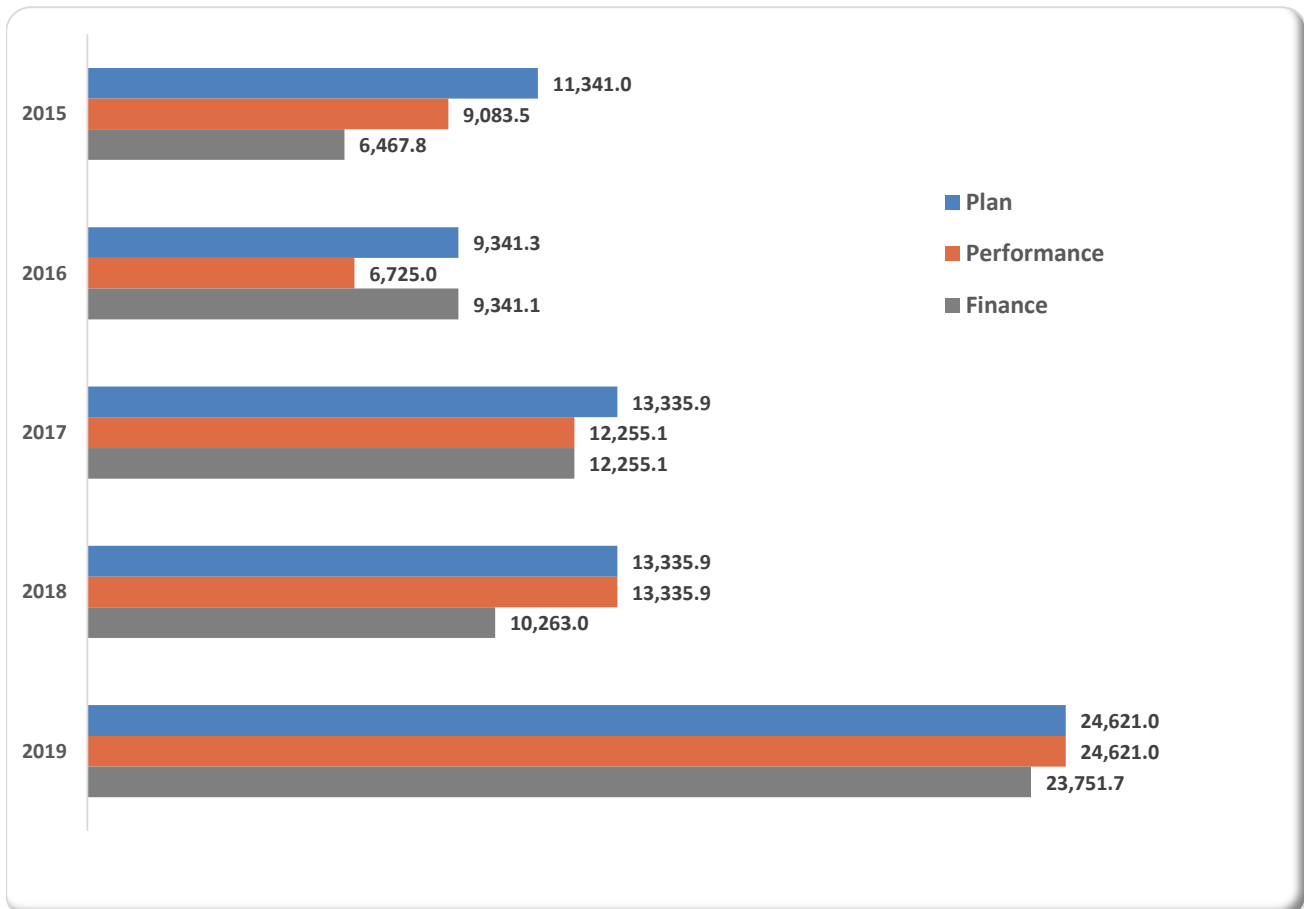
	2016	2017	2018	2019	2020.I-II
New license	750	151	85	130	11
Mining	93	77	61	59	11
Exploration	629	41	5	0	0
Tender	28	33	19	71	0
Surrendered	166	97	91	93	17
Mining	25	13	11	11	2
Exploration	141	84	80	82	15
Canceled	241	237	181	189	24
Mining	37	35	33	70	12
Exploration	204	202	148	119	12
Expired	124	176	209	199	21
Transferred	146	136	172	71	12
Mining	50	62	38	24	4
Exploration	96	74	134	47	8
Extended	167	162	566	300	10
Pledged	29	39	56	24	24
Mining	27	34	53	23	5
Exploration	2	5	3	0	0
Terminated pledges	16	39	27	31	6
Mining	12	38	26	30	6
Exploration	4	1	1	1	0
Re-issue of license documents	35	26	40	27	3
Mining	15	19	13	14	2
Exploration	20	7	27	13	1

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



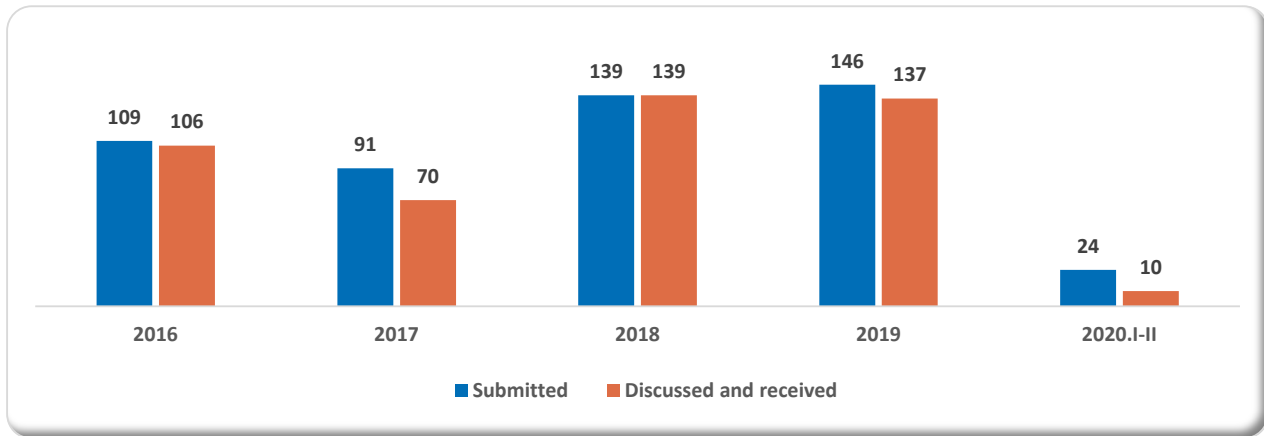
Source: Geology and Exploration Division, MRPAM

2.3. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, by million MNT, type work and 2016-2018

	2016	2017	2018 (2019.XII.31)	Percent of 2018
TOTAL	190,260.4	130,586.6	148,775.5	100%
Preparation	8,924.2	3,615.2	3,445.7	2.3%
Mapping	5,815.3	1,886.1	6,413.7	4.3%
Geological survey	6,383.5	2,334.6	2,748.7	1.8%
Sampling	32,645.9	80,896.6	83,069.7	55.8%
Geophysical work	9,826.5	15,008.9	10,461.7	7.0%
Mining	1,697.1	-	-	0.0%
Drilling	68,917.0	5,825.9	11,786.5	7.9%
Laboratory	8,833.1	11,413.4	12,600.3	8.5%
Topogeodetic work	2,248.6	5,518.1	3,754.6	2.5%
Hydrogeological work	1,174.1	943.7	1,621.3	1.1%
Geoecological survey	-	-	1,118.2	0.8%
Transport	17,331.0	341.4	1,073.2	0.7%
Indoor, laboratory investigation	11,685.7	1,120.4	822.1	0.6%
Environment reclamation	1,346.9	348.3	448.5	0.3%
Field sampling	2,101.3	929.4	1,674.5	1.1%
Archeology	231.2	162.2	173.2	0.1%
Assume expenses	-	-	7,562.6	5.1%
Other	11,098.5	242.4	0.8	0.0%

Source: Geology and Exploration Division, MRPAM

2.4. RECEIVED EXPLORATION REPORT, by 2016-2020



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

	Deposit	Resource		
		Unit	Ore	Metal
Gold (rock)	1	ths.t/kg	7,986.0	10,006.2
Silver		t	-	75.3
Blue lead		t	-	29.3
Zinc		ths.t	-	37.8
Gold (placer)	4	kg	197.5	173.2
Fluorspar	2	ths.t	217.7	147.1
Coal	3	mln.t	266.1	
Aggregate stone	3	ths.t	27,141.7	
Mud	1	ths.m3	687.9	
Sand gravel	2	ths.m3	1,723.4	

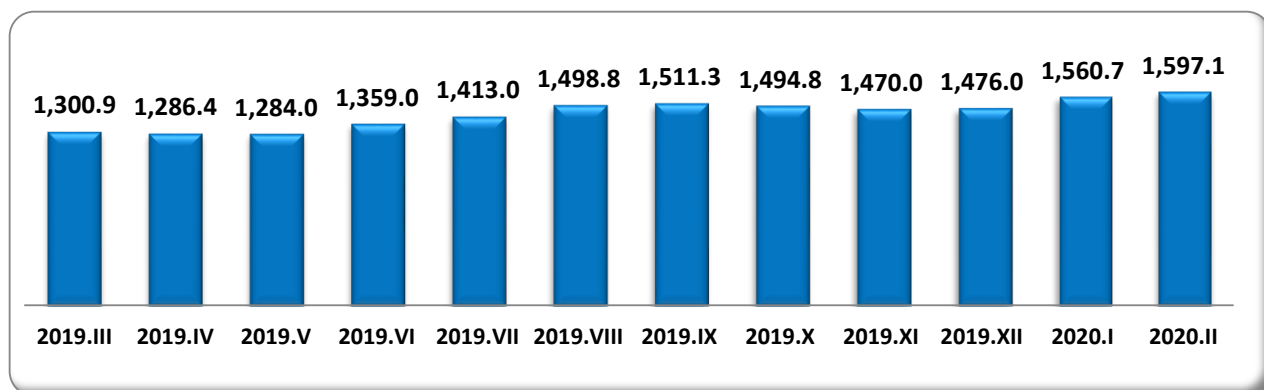
Source: Geology and Exploration Division, MRPAM

3 | MINING

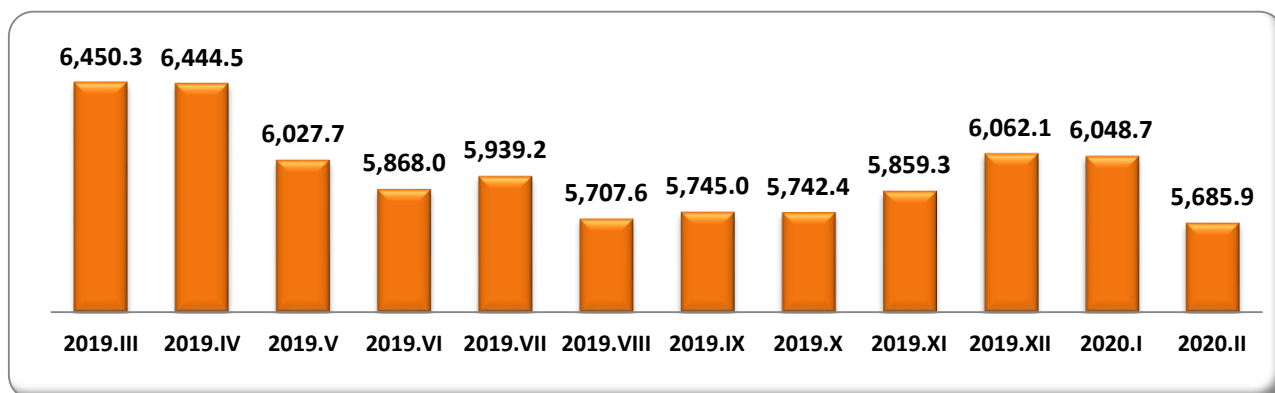
3.1. AVERAGE OF COMMODITY PRICES ON THE WORLD MARKET, by 2019-2020

	Хэмжих нэгж	2019.II	2019	2020.I	2020.II	$\frac{2020.II}{2019.II}$	$\frac{2020.II}{2020.I}$
Gold	\$/ounce	1,320.1	1,392.2	1,560.7	1,597.1	121.0%	102.3%
Silver	\$/ounce	15.8	16.2	18.0	17.9	113.4%	99.8%
Copper	\$/tons	6,277.8	6,004.6	6,048.7	5,685.9	90.6%	94.0%
Zinc	\$/tons	2,702.3	2,548.6	2,356.6	2,119.9	78.4%	90.0%
Blue lead	\$/tons	2,061.5	1,993.7	1,924.7	1,871.8	90.8%	97.2%
Tin	\$/tons	21,256.8	18,660.5	17,061.7	16,447.3	77.4%	96.4%
Molybdenum	\$/tons	25,000.0	23,755.9	21,786.7	22,542.2	90.2%	103.5%
Manganese 36%	\$/tons	265.9	233.4	189.1	187.9	70.7%	99.3%
Tungsten, 99%	\$/tons	37,130.0	33,953.3	32,900.0	33,140.0	89.3%	100.7%
Tungsten, 65%	\$/tons	14,395.5	12,787.3	12,568.2	12,753.9	88.6%	101.5%
Iron ore 56%	\$/tons	58.8	67.2	71.1	66.1	112.4%	93.0%
Iron ore 60% concentrate	\$/tons	78.4	82.7	83.6	77.0	98.1%	92.1%
Fluorite concentrate AG-97	\$/tons	530.0	448.3	415.0	385.0	72.6%	92.8%
Fluorite ore MG-85	\$/tons	382.5	320.2	300.0	300.0	78.4%	100.0%
Uranium	\$/kg	61.7	56.5	54.3	54.7	88.6%	100.7%

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

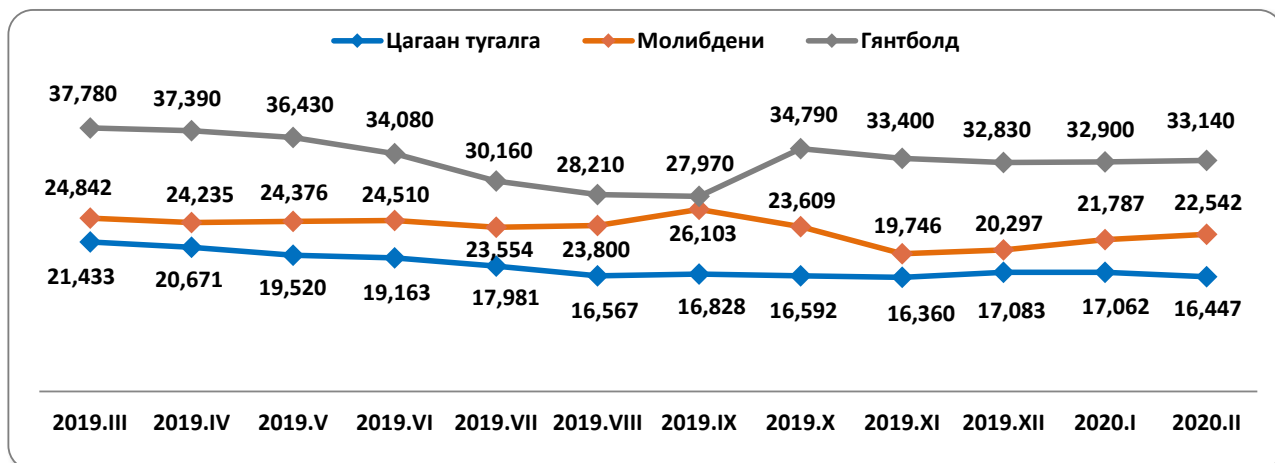


3.3. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, by US\$/tons and last 12 months

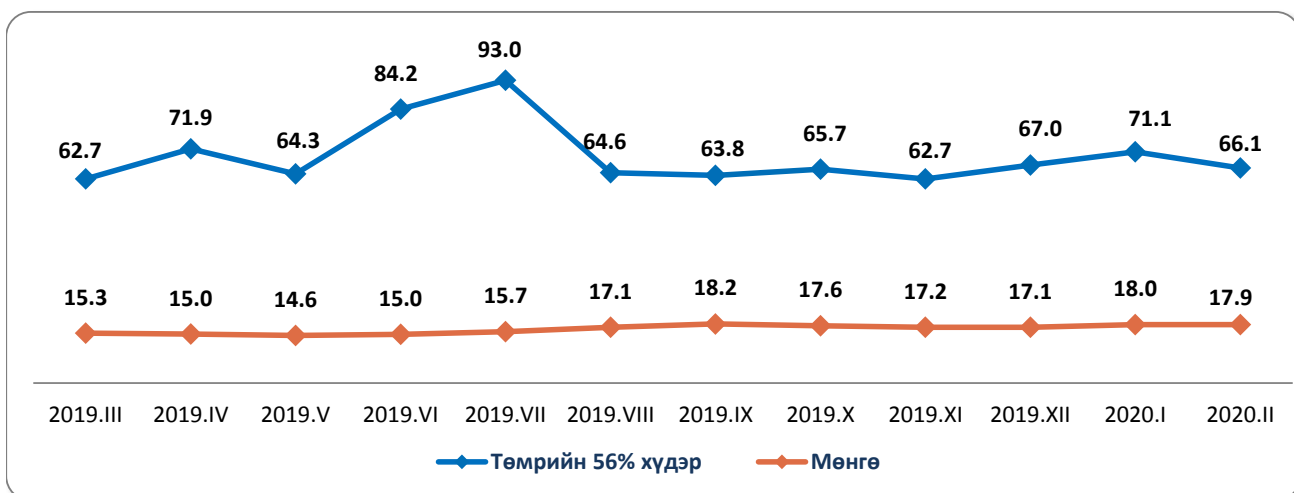


Source: www.kitco.com, www.westmetall.com, www.lme.com, www.asianmetal.com, www.lndmin.com, www.umetal.com www.sxcoal.com

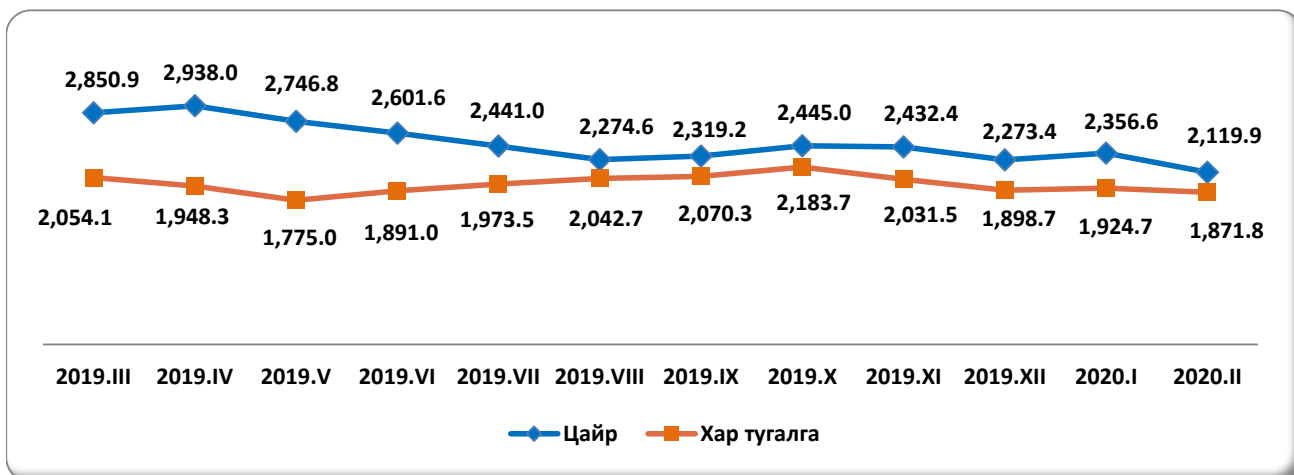
3.4. ЦАГААН ТУГАЛГА, МОЛИБДЕНИ, ГЯНТБОЛДЫН ДЭЛХИЙН ЗАХ ЗЭЭЛИЙН ДУНДАЖ ҮНЭ, ам.доллар/тонн, сүүлийн 12 сараар



3.5. ТӨМРИЙН ХҮДЭР, МӨНГӨНИЙ ДЭЛХИЙН ЗАХ ЗЭЭЛИЙН ДУНДАЖ ҮНЭ, ам.доллар/тонн, ам.доллар/унци, сүүлийн 12 сараар



3.6. ЦАЙР, ХАР ТУГАЛГАНЫ ДЭЛХИЙН ЗАХ ЗЭЭЛИЙН ДУНДАЖ ҮНЭ, ам.доллар/тонн, сүүлийн 12 сараар



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						Market value /2020.III. 10/
				2019	2019.II	2020.I	2020.II	2020.II /2019.II	2020.II /2020.I	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	1.036	1.777	0.678	0.618	34.8%	91.2%	874.91M
Peabody Energy Corporation	NYQ	BTU	USD	22.07	31.561	8.39	7.383	23.4%	88.0%	365.13M
Rio Tinto plc	LSE	RIO.L	GBp	4,342.7	4,348.1	4,447.8	4,103.6	94.4%	92.3%	54.29B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	0.121	0.141	0.084	0.076	53.9%	90.5%	12.04M
Mongolian Mining Corporation	HKG	0975.HK	HKD	0.412	0.142	0.582	0.453	319.0%	77.8%	385.94M
South Gobi Resources Ltd.	HKG	1878.HK	HKD	0.949	-	0.858	0.800	-	93.2%	158.34M
Centerra Gold Inc.	TOR	CG.TO	CAD	9.131	6.822	9.894	10.125	148.4%	102.3%	3.06B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.207	0.222	0.205	0.273	123.0%	133.2%	47.97M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.407	0.564	0.381	0.4	70.9%	105.0%	54.21M
Prophecy Development Corp.	TOR	PCY.TO	CAD	0.268	0.2	0.368	0.257	128.5%	69.8%	16.76M
Steppe Gold Ltd	TOR	STGO.TO	CAD	0.849	0.766	0.856	0.893	116.6%	104.3%	38.89M
Kincora Copper Limited	VAN	KCC.V	CAD	0.097	0.116	0.048	0.045	38.8%	93.8%	4.73M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.01	0.009	-	-	-	-	-
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.071	0.107	0.036	0.034	31.8%	94.4%	19.44M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.028	0.019	0.131	0.105	552.6%	80.2%	35.54M
Haranga Resources Limited	ASX	HAR.AX	AUD	-	-	-	-	-	-	-
Tian Poh Resources Limited	ASX	TPO.AX	AUD	0.09	-	-	-	-	-	-
Banpu Public Company Limited	SET	BANPU.BK	THB	13.987	16.605	11.177	9.413	56.7%	84.2%	36.91B
Petro Matad Limited	LSE	MATD.L	GBp	5.301	4.593	3.549	3.151	68.6%	88.8%	18.01M
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.II	2020.I	2020.II	<u>2020.II</u> 2019.II	<u>2020.II</u> 2020.I
Tavantolgoi	TTL	6,772	7,193	6,516	6,522	90.7%	100.1%
Baganuur	BAN	1,146	1,312	952	975	74.3%	102.4%
Shivee-Ovoo	SHV	2,175	2,202	2,478	2,300	104.5%	92.8%
Aduunchuluun	ADL	1,615	1,679	1,354	1,219	72.6%	90.0%
Shariin Gol	SHG	1,542	1,759	1,117	1,153	65.5%	103.2%
Erdene Resource Development Corporation	ERDN	502	546	471	548	100.4%	116.3%
Mogoin gol	BDL	7,766	7,231	8,278	9,000	124.5%	108.7%
Bayanteeg	BTG	21,841	23,090	27,500	28,500	123.4%	103.6%
Berkh-Uul	BEU	574	-	-	690	-	-
Khar Tarvagatai	TVT	7,080	-	5,400	-	-	-
Taliin Gal	TAL	-	-	-	-	-	-
Mongol Basalt	MBW	277	257	259	248	96.5%	95.8%
Mongol Ceramic	KEK	18,587	-	-	-	-	-
Silikat	SIL	76	-	59	45	-	-
Songolon barmat	SSG	-	-	-	-	-	-
Remicon	RMC	28	29	30	29	100.0%	-
Arig Tal	EER	3,420	3,667	2,948	3,083	84.1%	104.6%
Niislel-Urguu	NUR	5,377	-	-	-	-	-
Erchim Bayan-Ulgii	BOE	749	784	-	-	-	-
Khukh Gan	HGN	75	66	85	77	116.7%	90.6%
Nako Tulsh	NKT	82	100	-	34	34.0%	-

Source: www.mse.mn

3.9. REHABILITATION WORK BY MINING LICENSE HOLDERS, by 2014-2018

	Unit	2014	2015	2016	2017	2018 (2019.XII.31)
Area covered by mining	ha	1560.7	871.0	703.5	1002.3	1059.3
Rehabilitated area	ha	959.6	750.0	876.4	677.2	924.2
Expenses for rehabilitation	mIn.MNT	9211.6	4019.0	2167.2	2966.4	3891.2
Area covered by technical rehabilitation	ha	523.1	589.0	954.0	698.5	753.0
Area covered by biological rehabilitation	ha	322.0	320.0	718.0	595.8	697.5
Environmental expenses	mIn.MNT	11683.1	3771.0	5180	5155	7008.3
Area of abusive protection rehabilitation	ha	-	-	257.0	81.6	179.4
Expenses for abusive protection rehabilitation	mIn.MNT	-	-	739.1	413.5	664.1
Area of remodeling the mine and rehabilitation of the village	ha	-	-	29.0	44.0	47.3
Expenses for remodeling the mine and rehabilitation of the village	mIn.MNT	-	-	175.0	214.0	312.1

3.10. AREA COVERED BY MINING AND REHABILITATION AREA IN 2018, 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	175	1059.3	100%	753.0	100%	697.5	100%	924.2	100%
Arkhangai	3	9.0	0.8%	15.5	2.1%	38.0	5.4%	38.0	4.1%
Bayan-Ulgii	1	0.2	0.0%	0.0	0.0%	2.0	0.3%	2.0	0.2%
Bayankhongor	10	31.9	3.0%	39.4	5.2%	31.1	4.5%	163.2	17.7%
Bulgan	9	91.7	8.7%	52.1	6.9%	55.6	8.0%	60.3	6.5%
Bulgan, Selenge	1	3.5	0.3%	6.4	0.8%	6.8	1.0%	7.1	0.8%
Bulgan, Tuv	7	141.3	13.3%	198.6	26.4%	102.3	14.7%	102.3	11.1%
Govi-Altai	3	42.0	4.0%	14.8	2.0%	3.5	0.5%	3.6	0.4%
Darkhan Uul	11	16.4	1.5%	31.8	4.2%	13.9	2.0%	19.8	2.1%
Dornogovi	14	30.4	2.9%	19.8	2.6%	2.4	0.3%	4.9	0.5%
Dornod	8	25.9	2.4%	17.9	2.4%	24.3	3.5%	25.2	2.7%
Dundgovi	11	5.6	0.5%	1.3	0.2%	0.1	0.0%	4.0	0.4%
Zavkhan	1	7.9	0.7%	7.5	1.0%	5.1	0.7%	5.1	0.6%
Orkhon	2	173.4	16.4%	1.7	0.2%	2.4	0.3%	14.1	1.5%
Uvurkhangai	3	5.3	0.5%	8.3	1.1%	6.8	1.0%	6.8	0.7%
Umnugovi	4	11.7	1.1%	18.5	2.5%	12.5	1.8%	14.0	1.5%
Sukhbaatar	10	3.7	0.4%	0.6	0.1%	6.9	1.0%	26.5	2.9%
Selenge	17	136.2	12.9%	49.9	6.6%	31.6	4.5%	50.0	5.4%
Tuv	43	289.9	27.4%	256.5	34.1%	342.9	49.2%	362.2	39.2%
Khentii	17	33.3	3.1%	12.5	1.7%	9.4	1.3%	15.2	1.6%

Source: Mining Industry and Technology Division, MRPAM

4 | COAL

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

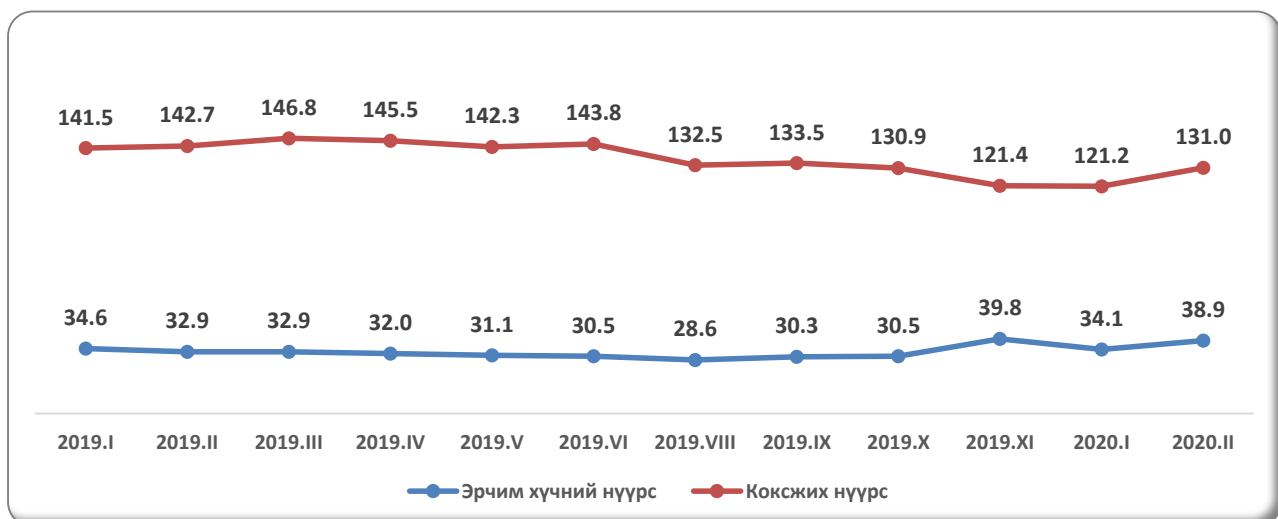
	Striping /ths.m3/	Coal production /ths.tons/	Coal sale /ths.tons/	Coal export /ths.tons/
2015	92,975.0	23,979.0	22,125.0	14,468.0
2016	102,374.3	35,096.5	33,831.7	25,809.3
2017	197,240.8	49,480.3	41,904.6	33,400.1
2018	244,861.2	54,572.3	45,741.9	36,671.4
2019	292,181.7	57,128.8	47,047.8	36,809.1
2020.I-II	27,071.3	5,952.9	4,198.1	2,454.6

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

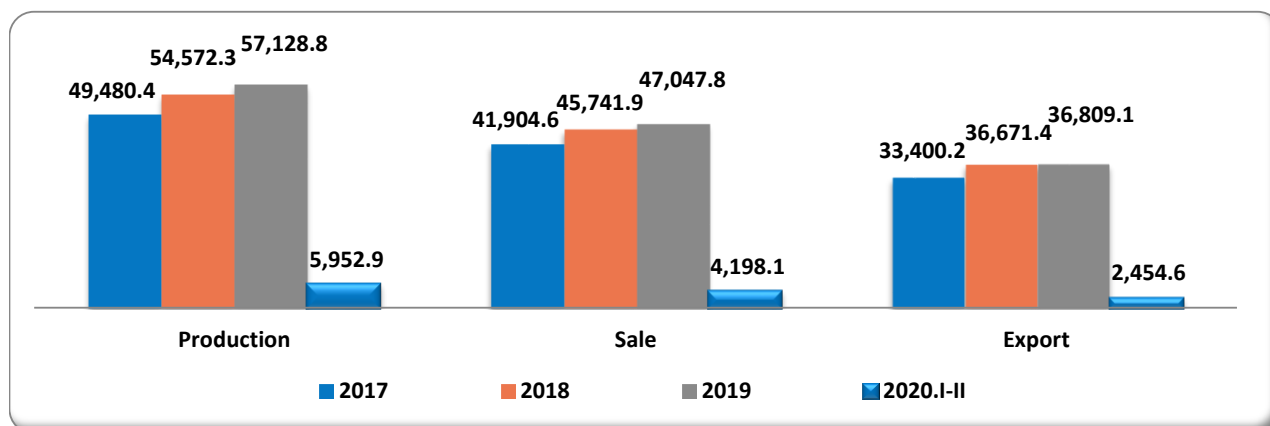
	TOTAL	Export	Local
БҮГД	4,198.1	2,454.6	1,743.5
Washed coking coal	570.9	570.9	-
Raw coking coal	940.9	940.9	-
Weak coking coal	553.8	553.8	-
Thermal coal	389.0	389.0	-
Brown coal	1,743.5	0.0	1,743.5

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
2018	54,572.3	45,741.9	36,671.4
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-II	5,952.9	4,198.1	2,454.6
2020.I	3,583.0	2,908.1	2,034.7
2020.II	2,369.9	1,290.0	419.9
2020.II 2019.II	57.0%	43.1%	21.8%
2020.I-II 2019.I-II	69.5%	57.3%	47.4%

Source: Coal Research Division, MRPAM

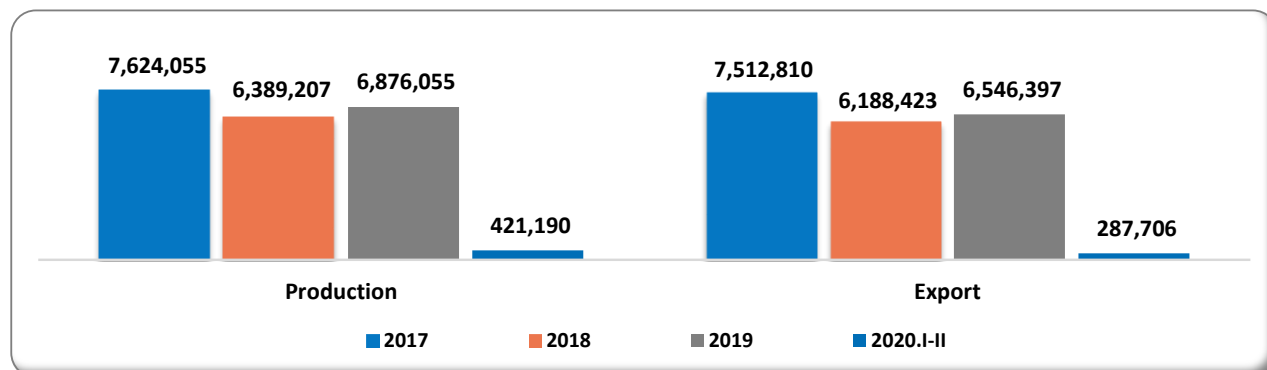
4.6. MINING AND PETROLEUM EXAMINATION AND TESTING CENTRAL LABORATORY, by 2020.11

Type of coal	Name	Classification	Border name	Deposite 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 tsankhi	1.5	18.9	28.4	1.39	6478	6.5	85.3
				Tavan tolgoi 4th orifice	1.5	18.9	28.4	1.39	6478	6.5	85.3
		Weak coking	Shivee khuren	Khuren shand	3.3	6.9	36.1	0.50	7197	6.0	75.4
				Zangat Uul	1.4	14.5	33.6	0.34	6950	7.0	95.5
				SGS	3.3	11.5	36.6	1.05	6725	3.0	62.5
		Non coking	Шивээ хүрэн	Khuren shand	3.3	27.7	36.1	0.72	5510	1.0	10.1
	Other	Zamiin Uud	Alag tolgoi	16	26.5	47.7	1.90	4675	0.0	0.0	
			Olon Ovoot	8.1	23.2	40.3	1.55	5348	0.0	0.0	
	Баяжуулсан нүүрс	Чулуун нүүрс	Coking	Gashuun sukhait	Ukhaa khudag	8.8	9.5	26.4	0.54	6817	6.5
Yarant				Khushuut	2.4	18.3	19.8	0.48	6824	7.0	85.2
Weak coking			Gashuun sukhait	Ukhaa khudag	8.7	9.2	35.5	0.57	6691	6.0	72.9
Non coking			Gashuun sukhait	Ukhaa khudag	4.2	16.2	23.3	0.60	6699	1.0	10.8

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

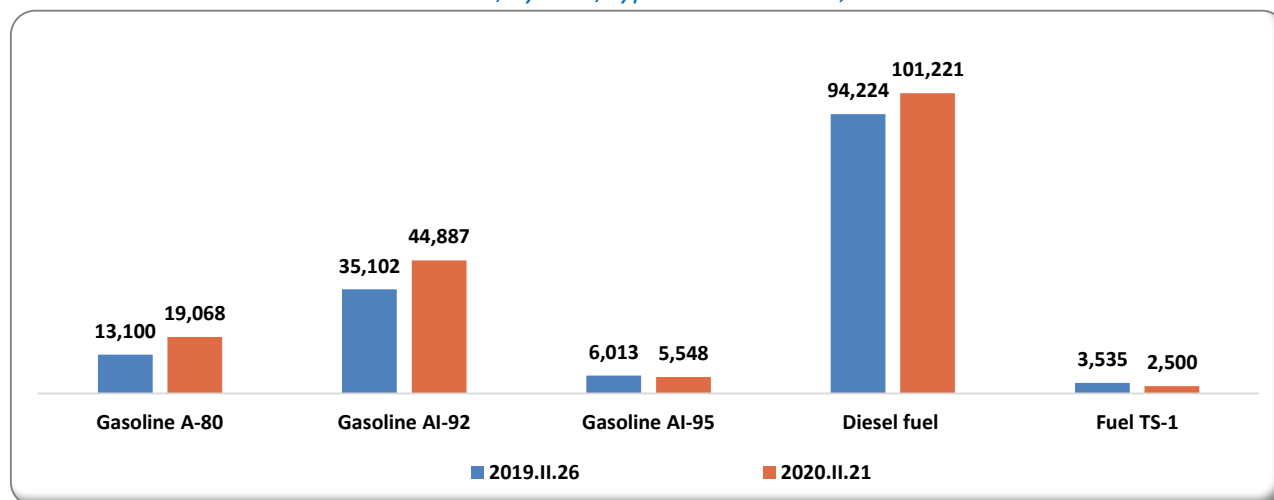
	Production		Export	
	Barrel	Percent	Barrel	Percent
2019	6,876,055	100%	6,546,397	100%
2019.I	586,737	8.5%	533,837	8.2%
2019.II	515,318	7.5%	477,824	7.3%
2019.III	569,607	8.3%	609,105	9.3%
2019.IV	549,449	8.0%	484,692	7.4%
2019.V	565,176	8.2%	521,783	8.0%
2019.VI	575,602	8.4%	549,609	8.4%
2019.VII	601,694	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-II	421,190	100%	287,706	100%
2020.I	375,679	89.2%	287,706	100.0%
2020.II	45,511	10.8%	-	-
<u>2020.II</u> <u>2019.II</u>	8.8%	-	-	-
<u>2020.I-II</u> <u>2019.I-II</u>	38.2%	-	28.4%	-

Source: Petroleum Exploitation Division, MRPAM

5.3. PETROLEUM PRODUCTS IMPORTING, by tons, type, months and 2018-2020

	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-II	305,008	9,483	72,461	5,667	250	169,297	6,233	6,820	34,796
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.II 2019.II	82.6%	59.7%	73.0%	67.7%	99.5%	71.6%	40.5%	176.7%	223.4%
2020.I-II 2019.I-II	96.3%	84.5%	85.4%	123.8%	102.9%	91.0%	104.2%	127.0%	188.4%

5.4. RESIDUE OF PETROLEUM PRODUCTS, by tons, type and 2019.II.26, 2020.II.21



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.III.05	440.01	496.99	463.55	424.50
2019.III.12	444.77	506.94	468.59	427.80
2019.III.19	462.72	513.40	474.29	434.46
2019.III.26	457.18	504.58	473.12	436.35
2019.IV.02	481.76	525.40	486.71	446.16
2019.IV.09	503.37	540.37	462.30	459.90
2019.IV.16	493.54	538.70	503.89	463.32
2019.IV.23	515.39	566.05	522.16	478.22
2019.IV.30	496.66	416.75	511.63	465.28
2019.V.07	487.38	541.81	503.89	452.56
2019.V.14	477.15	534.90	509.29	460.77
2019.V.20	497.44	556.10	514.56	469.28
2019.V.28	461.24	521.60	483.35	442.16
2019.VI.04	412.78	462.72	446.88	394.76
2019.VI.11	418.24	475.56	414.00	406.76
2019.VI.18	404.74	462.72	425.03	392.87
2019.VI.25	450.94	487.41	443.96	417.73
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.II.21	101.2%	100.3%	97.8%	93.5%
2020.I.28				
2020.II.21	97.2%	90.4%	87.2%	95.3%
2019.II.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.I.28, 2020.II.21

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2020. I.28	2020. II.21	$\frac{2020.II.21}{2020.I.28}$	2020. I.28	2020. II.21	$\frac{2020.II.21}{2020.I.28}$	2020. I.28	2020. II.21	$\frac{2020.II.21}{2020.I.28}$	2020. I.28	2020. II.21	$\frac{2020.II.21}{2020.I.28}$
NATIONAL AVERAGE	1,847	1,847	100.0%	1,925	1,925	100.0%	2,260	2,260	100.0%	2,524	2,524	100.0%
Western region	1,920	1,920	100.0%	2,006	2,006	100.0%	-	-	-	2,494	2,494	100.0%
Bayan-Ulgii	1,840	1,840	100.0%	1,930	1,930	100.0%	-	-	-	2,290	2,290	100.0%
Govi-Altai	1,850	1,850	100.0%	1,910	1,910	100.0%	-	-	-	2,550	2,550	100.0%
Zavkhan	2,000	2,000	100.0%	2,120	2,120	100.0%	-	-	-	2,640	2,640	100.0%
Uvs	1,900	1,900	100.0%	1,980	1,980	100.0%	-	-	-	2,490	2,490	100.0%
Hovd	2,010	2,010	100.0%	2,090	2,090	100.0%	-	-	-	2,500	2,500	100.0%
Hangai region	1,799	1,799	100.0%	1,879	1,879	100.0%	2,242	2,242	100.0%	2,520	2,520	100.0%
Arkhangai	1,820	1,820	100.0%	1,890	1,890	100.0%	2,250	2,250	100.0%	2,550	2,550	100.0%
Bayankhongor	1,860	1,860	100.0%	1,900	1,900	100.0%	-	-	-	2,580	2,580	100.0%
Bulgan	1,750	1,750	100.0%	1,855	1,855	100.0%	2,240	2,240	100.0%	2,480	2,480	100.0%
Uvurkhangai	1,820	1,820	100.0%	1,890	1,890	100.0%	2,250	2,250	100.0%	2,550	2,550	100.0%
Orkhon	1,750	1,750	100.0%	1,840	1,840	100.0%	2,240	2,240	100.0%	2,470	2,470	100.0%
Selenge	1,740	1,740	100.0%	1,840	1,840	100.0%	2,240	2,240	100.0%	2,470	2,470	100.0%
Khuvsgul	1,850	1,850	100.0%	1,940	1,940	100.0%	2,230	2,230	100.0%	2,540	2,540	100.0%
Central region	1,791	1,791	100.0%	1,881	1,881	100.0%	2,258	2,258	100.0%	2,510	2,510	100.0%
Ulaanbaatar	1,730	1,730	100.0%	1,835	1,835	100.0%	2,240	2,240	100.0%	2,470	2,470	100.0%
Tuv	1,740	1,740	100.0%	1,780	1,780	100.0%	2,240	2,240	100.0%	2,410	2,410	100.0%
Darkhan	1,750	1,750	100.0%	1,840	1,840	100.0%	2,240	2,240	100.0%	2,470	2,470	100.0%
Govisumber	1,830	1,830	100.0%	1,890	1,890	100.0%	2,280	2,280	100.0%	2,530	2,530	100.0%
Dundgovi	1,810	1,810	100.0%	1,920	1,920	100.0%	2,250	2,250	100.0%	2,490	2,490	100.0%
Dornogovi	1,810	1,810	100.0%	1,910	1,910	100.0%	2,270	2,270	100.0%	2,560	2,560	100.0%
Umnugovi	1,850	1,850	100.0%	1,960	1,960	100.0%	2,270	2,270	100.0%	2,590	2,590	100.0%
Zamin Uud	1,810	1,810	100.0%	1,910	1,910	100.0%	2,270	2,270	100.0%	2,560	2,560	100.0%
Eastern region	1,877	1,877	100.0%	1,933	1,933	100.0%	2,280	2,280	100.0%	2,573	2,573	100.0%
Dornod	1,880	1,880	100.0%	1,940	1,940	100.0%	2,250	2,250	100.0%	2,570	2,570	100.0%
Sukhbaatar	1,880	1,880	100.0%	1,950	1,950	100.0%	2,320	2,320	100.0%	2,580	2,580	100.0%
Khentii	1,870	1,870	100.0%	1,910	1,910	100.0%	2,270	2,270	100.0%	2,570	2,570	100.0%

Source: Petroleum Products Division, MRPAM

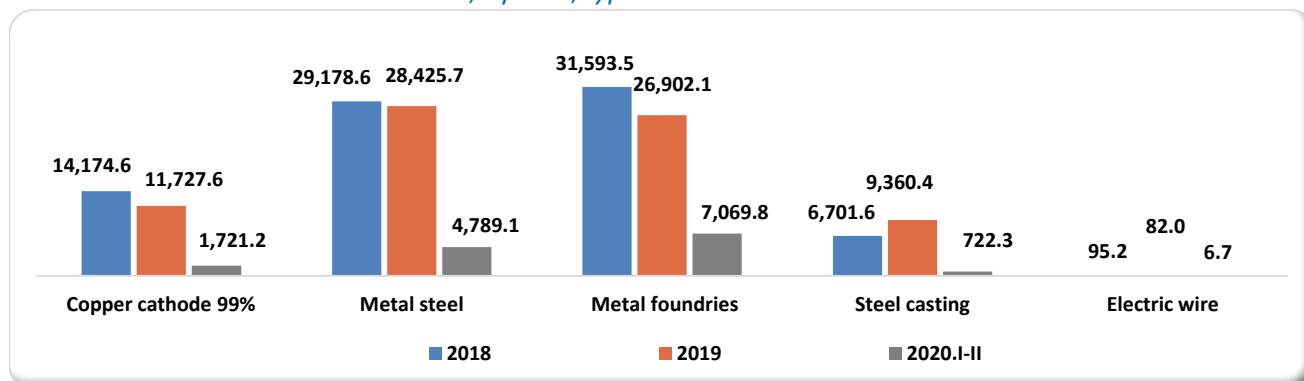
5.7.RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, by MNT/litre, type, and end of month 2018-2020

	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
<u>2020.II.21</u> 2020.I.28	100.0%	100.0%	100.0%	100.0%
<u>2020.II.21</u> 2019.II.26	104.8%	105.8%	102.4%	107.4%
<u>2020.II.21</u> 2018.II.27	112.3%	107.4%	109.0%	120.4%

Source: Petroleum Products Division, MRPAM

6 | HEAVY INDUSTRY

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

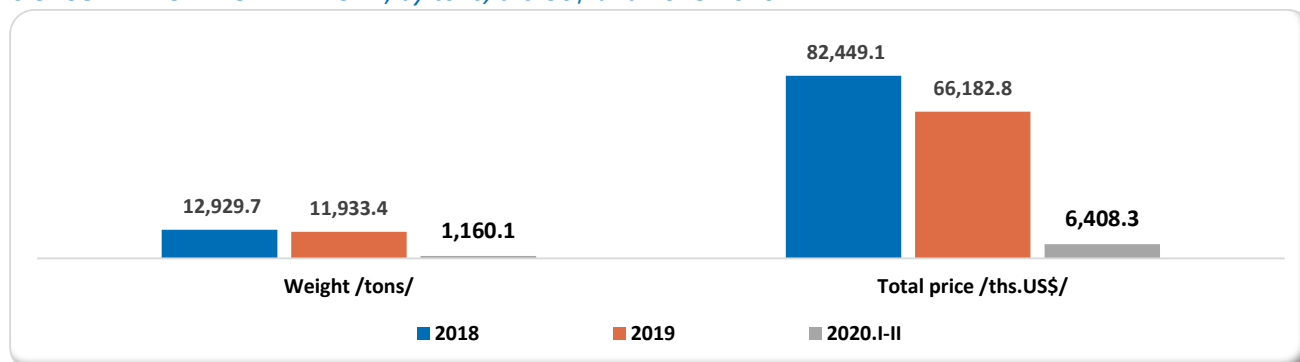


6.2. HEAVY INDUSTRIAL PRODUCTION, by tons, type and months 2018-2020

	Copper cathode 99%	Metal steel	Metal foundries	Steel casting	Electric wire
2018	14,174.6	29,178.6	31,593.5	6,701.6	95.2
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-II	1,721.2	4,789.1	7,069.8	722.3	6.7
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.II 2019.II	80.1%	58.6%	86.2%	-	85.7%
2020.I-II 2019.I-II	76.2%	66.5%	93.6%	103.4%	39.6%

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 2018-2020

	Weight		Total price	
	Tons	Percent	Ths.US\$	Percent
2018	12,929.7	100%	82,449.1	100%
2018.I	1,161.4	9.0%	7,932.0	9.6%
2018.II	1,160.3	9.0%	7,912.1	9.6%
2018.III	1,160.1	9.0%	7,727.4	9.4%
2018.IV	1,161.1	9.0%	7,737.9	9.4%
2018.V	1,160.8	9.0%	7,679.3	9.3%
2018.VI	1,160.6	9.0%	7,765.4	9.4%
2018.VII	760.4	5.9%	4,791.3	5.8%
2018.VIII	1,361.0	10.5%	8,041.6	9.8%
2018.IX	960.9	7.4%	5,581.0	6.8%
2018.X	961.1	7.4%	5,758.9	7.0%
2018.XI	961.2	7.4%	5,783.2	7.0%
2018.XII	960.8	7.4%	5,739.0	7.0%
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-II	1,160.1	100%	6,408.3	100.0%
2020.I	-	-	-	-
2020.II	1,160.1	100.0%	6,408.3	100.0%
2020.II	152.4%	-	141.8%	-
2020.I-II	76.3%	-	72.0%	-

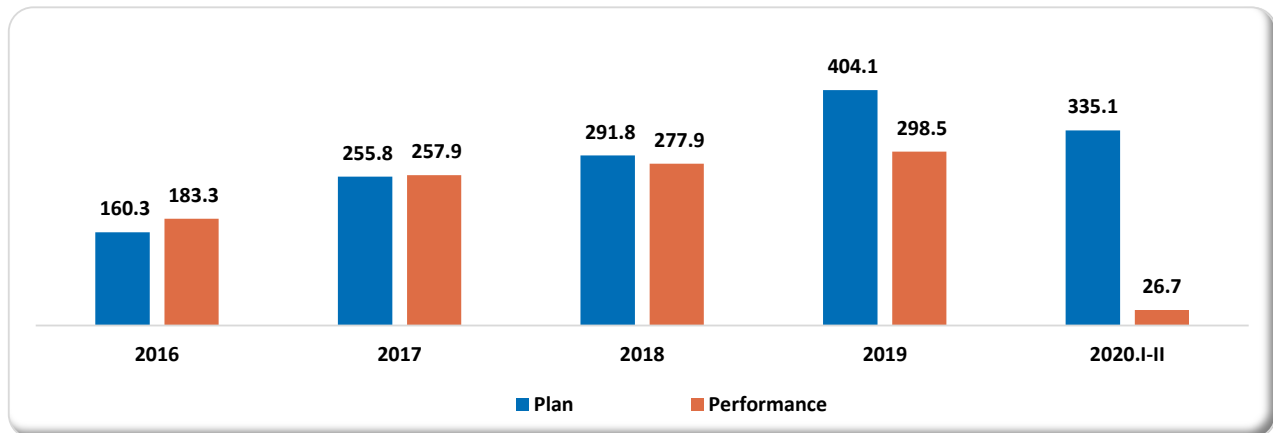
Source: Heavy Industry and Technology Division, MRPAM

7 | STATE BUDGET REVENUE

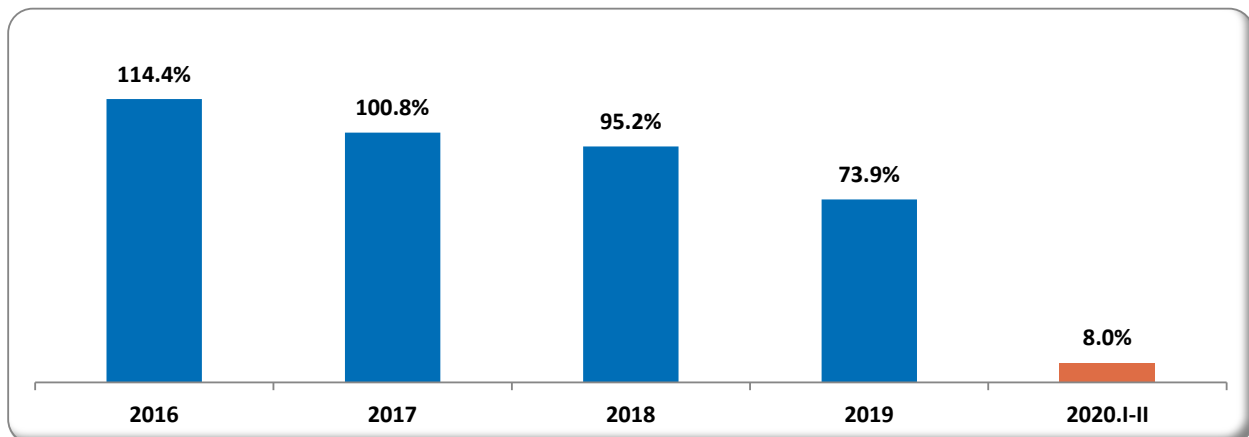
7.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, by million.MNT, income type and 2020

	Plan of 2020	2020.I-II	
		Performance	Performance rate
TOTAL	335,100.0	26,713.6	8.0%
License fee	36,000.0	4,500.3	12.5%
Reimbursement	5,000.0	255.4	5.1%
Petroleum export revenue	266,000.0	21,039.9	7.9%
Service revenue (petroleum)	7,473.0	552.9	7.4%
Service revenue (mineral resources)	6,627.0	365.0	5.5%
Tender revenue	14,000.0	0.0	0.0%

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



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