



IMPLEMENTING AGENCY OF MONGOLIAN GOVERNMENT
MINERAL RESOURCES AND PETROLEUM AUTHORITY



MINERAL RESOURCES AND PETROLEUM STATISTICS

2020/10



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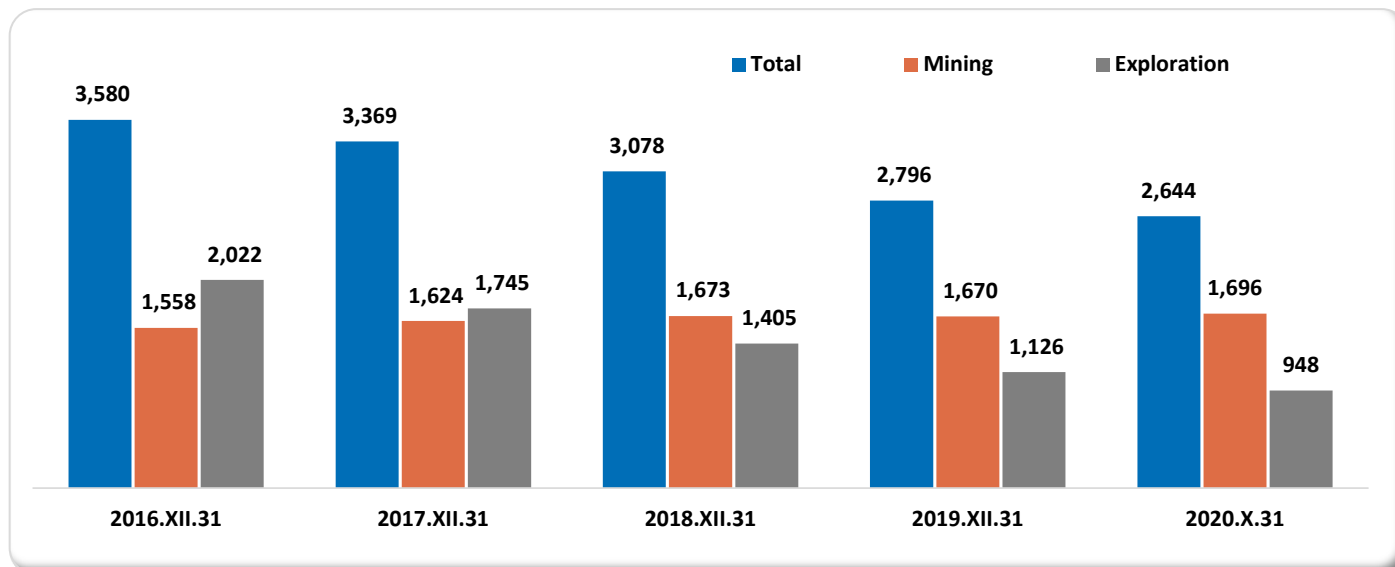
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1.1. COUNT OF VALID LICENSES AND AREA SIZE, by provinces and 2020.X.31

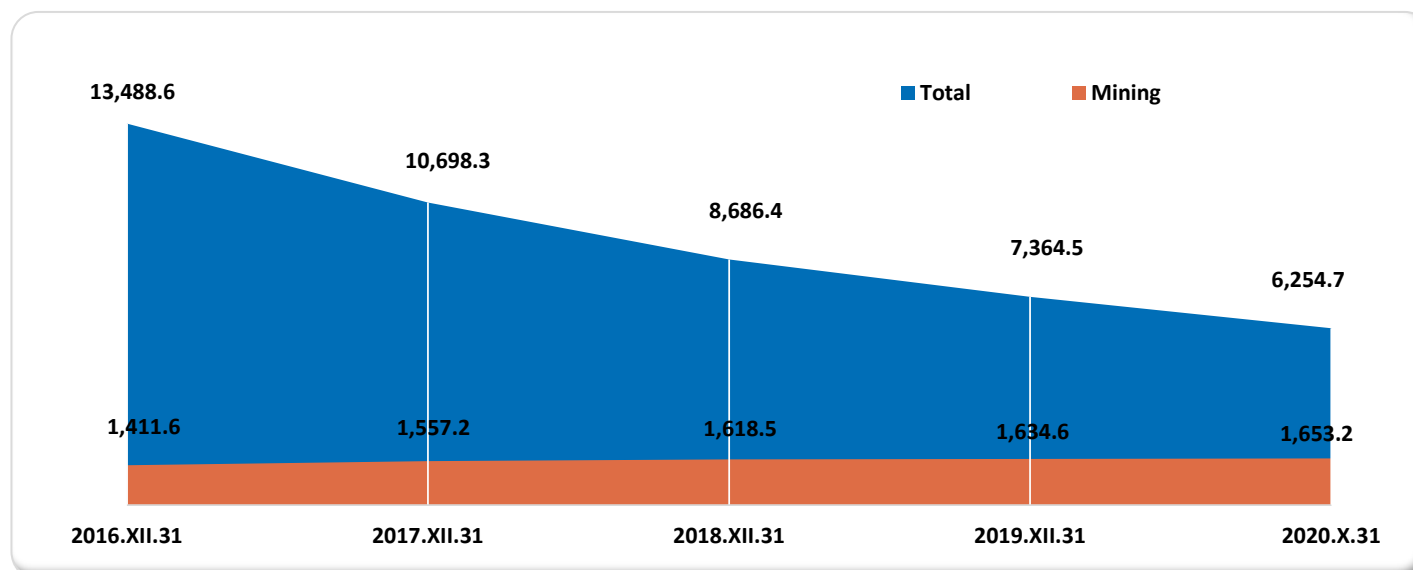
	TOTAL			Of which:					
	Count of Licenses	Area size /ths.ha/	Percent of total territory	Mining			Exploration		
				Count of Licenses	Area size /ths.ha/	Percent of total territory	Count of Licenses	Area size /ths.ha/	Percent of total territory
TOTAL	2,644	6,254.7	4.0%	1,696	1,653.2	1.0%	948	4,601.4	3.0%
Arkhangai	19	12.3	0.2%	16	8.6	0.2%	3	3.7	0.1%
Bayan-Ulgii	55	151.7	3.3%	28	15.2	0.3%	27	136.6	3.0%
Bayankhongor	137	318.3	2.8%	88	119.8	1.0%	49	198.5	1.7%
Bulgan	104	117.4	2.4%	77	38.9	0.8%	27	78.4	1.6%
Govi-Altai	137	599.8	4.2%	55	92.2	0.7%	82	507.6	3.6%
Govisumber	16	44.6	8.1%	13	38.9	7.0%	3	5.8	1.0%
Darkhan Uul	65	8.5	2.6%	61	7.6	2.3%	4	1.0	0.3%
Dornogovi	336	1,107.7	10.1%	195	254.2	2.3%	141	853.5	7.8%
Dornod	149	488.2	4.0%	73	63.7	0.5%	76	424.6	3.4%
Dundgovi	193	630.0	8.4%	109	171.0	2.3%	84	459.0	6.1%
Zavhan	48	229.0	2.8%	10	17.0	0.2%	38	212.0	2.6%
Orkhon	9	11.1	13.2%	9	11.1	13.2%	0	0.0	0.0%
Uvurkhangai	45	110.0	1.7%	28	16.1	0.3%	17	93.9	1.5%
Umnugovi	160	894.9	5.4%	95	416.8	2.5%	65	478.0	2.9%
Sukhbaatar	94	288.9	3.5%	71	66.1	0.8%	23	222.7	2.7%
Selenge	178	92.8	2.2%	144	45.1	1.1%	34	47.6	1.1%
Tuv	391	324.1	4.4%	308	156.4	2.1%	83	167.6	2.3%
Uvs	109	287.8	4.1%	42	19.9	0.3%	67	267.9	3.9%
Ulaanbaatar	159	14.1	3.0%	152	13.1	2.8%	7	1.0	0.2%
Khuvsgul	23	13.3	0.1%	21	10.3	0.1%	2	3.0	0.0%
Khovd	96	214.4	2.8%	37	17.2	0.2%	59	197.2	2.6%
Khentii	208	296.0	3.7%	123	54.0	0.7%	85	242.0	3.0%

Source: Cadastre Division, MRPAM

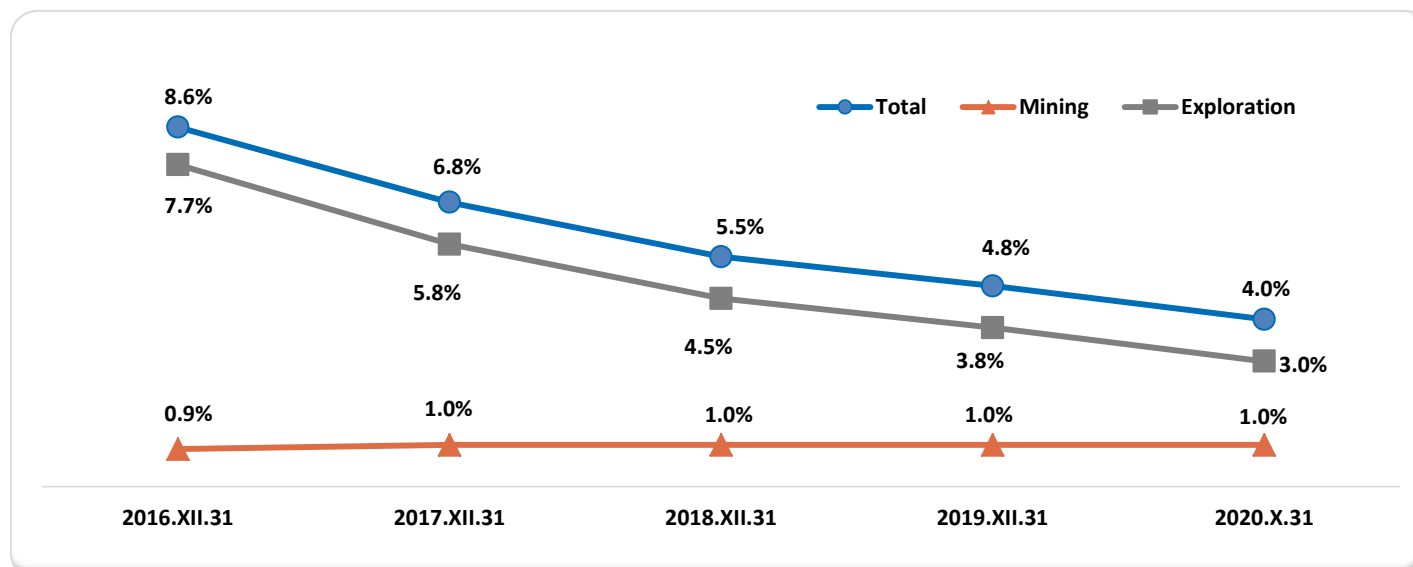
1.2. COUNT OF TOTAL VALID LICENSES, by 2016-2020



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.X.31

	Mining license		Area size	
	Count	Percent	Hectare	Percent
TOTAL	1696	100%	1,653,238.3	100%
Gold (placer)	442	26.1%	154,940.5	9.4%
Coal	301	17.7%	766,636.9	46.4%
Fluorite	198	11.7%	35,350.3	2.1%
Gold (placer)	91	5.4%	77,192.5	4.7%
Iron	76	4.5%	48,442.2	2.9%
limestone	74	4.4%	45,194.3	2.7%
Common mineral, gravel, sand	70	4.1%	3,684.6	0.2%
Common mineral, mud	46	2.7%	2,632.4	0.2%
Common mineral, aggregate stone	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	18	1.1%	84,900.5	5.1%
Gold (placer), copper	14	0.8%	86,764.3	5.2%
Tin	12	0.7%	5,386.5	0.3%
Earth rare metal	9	0.5%	7,435.4	0.4%
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	4.6%
Molybdenum	7	0.4%	17,560.8	1.1%
Marble	7	0.4%	8,922.5	0.5%
Graphite	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	0.5%
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	126	7.0%	118,360.1	7.2%

Source: Cadastre Division, MRPAM

1.6. REGISTERED AREA, by mln.ha, overlap and 2020.X.31

	Hectare	Percent of total territory
Valid mining licensed area	1.6	1.0%
Valid exploration licensed area	4.6	2.9%
State protected area	33.7	21.5%
Special purpose area	33.6	21.5%
Strategic deposit, government reserved area	7.2	4.6%
Settled area, border and railway strip area	1.1	0.7%
Other prohibited area	49.1	31.4%

1.7. SMALL-SCALE MINING AREA, by provinces and 2020.X.31

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

Source: Cadastre Division, MRPAM

1.8. ORIGIN OF LICENSE HOLDERS, by 2020.X.31

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	1713	2644	6,254,685.3	100%
Mongolian entities	1371	2104	4,708,327.5	75.3%
100% foreign entities	246	399	1,237,323.5	19.8%
Joint foreign entities	96	141	309,034.3	4.9%

1.9. ORIGIN OF 100% FOREIGN LICENSE HOLDERS, by countries and 2020.X.31

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	246	399	1,237,323.5	100%
China	132	165	329,081.2	26.60%
Virgin Islands	30	57	108,061.3	8.73%
Singapore	15	29	69,393.6	5.61%
Hong Kong	14	54	313,228.4	25.31%
Canada	12	23	220,308.9	17.81%
South Korea	10	13	10,522.1	0.85%
Australia	5	5	26,641.3	2.15%
Russia	4	5	2,490.4	0.20%
Holland	3	15	106,872.3	8.64%
Great Britain	3	4	6,038.7	0.49%
Germany	2	2	603.9	0.05%
Japan	2	3	3,015.1	0.24%
Bermud	2	3	7,314.3	0.59%
United States of America	2	4	2,442.3	0.20%
Luxemburg	2	6	13,528.2	1.09%
Kazakhstan	1	1	136.5	0.01%
Malaysia	1	2	2,416.5	0.20%
Ukraine	1	1	245.0	0.02%
Barbados	1	3	9,183.0	0.74%
Russia, South Korea	1	1	118.2	0.01%
Virgin Islands, Singapore	1	1	1,934.0	0.16%
Bulgaria	1	1	3,700.9	0.30%
Russia, China	1	1	47.5	0.00%

Source: Cadastre Division, MRPAM

1.10. ORIGIN OF JOINT FOREIGN LICENSE HOLDERS, *by countries and 2020.X.31*

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	96	141	309,034.3	100%
Mongolia, China	46	64	91,278.5	29.5%
Mongolia, South Korea	9	14	24,162.5	7.8%
Mongolia, Russia	8	10	1,347.8	0.4%
Mongolia, Virgin Islands	6	10	35,233.8	11.4%
Mongolia, Japan	4	7	13,386.0	4.3%
Mongolia, Singapore	4	6	28,137.9	9.1%
Mongolia, Germany	3	4	5,911.9	1.9%
Mongolia, Great Britain	2	2	5,135.2	1.7%
Mongolia, Czech Republic	2	5	28,576.6	9.2%
Mongolia, Hong Kong, Japan	1	3	43,809.3	14.2%
Mongolia, Hungary	1	1	87.4	0.0%
Mongolia, Singapore, Hong Kong	1	1	1,469.5	0.5%
Mongolia, Poland	1	1	1,561.3	0.5%
Mongolia, Russia, Ukraine	1	1	46.9	0.0%
Mongolia, Canada, China	1	1	6,352.8	2.1%
Mongolia, Canada	1	1	3,957.7	1.3%
Mongolia, Bulgaria	1	3	1,083.7	0.4%
Mongolia, United States of America, Virgin Islands, South Korea	1	1	3,766.7	1.2%
Mongolia, Kazakhstan	1	1	1,789.4	0.6%
Mongolia, Luxemburg	1	1	3,273.9	1.1%
Mongolia, Hong Kong	1	4	8,665.5	2.8%

Source: Cadastre Division, MRPAM

1.11. PLEDGING LICENSES, by bank and non-bank financial institute and 2020.X.31

	License		Area	
	Count	Percent	Hectare	Percent
TOTAL	225	100%	167,074.3	100%
Trade and Development Bank	48	21.3%	25,354.8	15.2%
Golomt Bank	32	14.2%	27,033.2	16.2%
Development Bank of Mongolia	26	11.6%	19,706.5	11.8%
HAAN Bank	15	6.7%	3,203.8	1.9%
Anod Bank	8	3.6%	7,329.7	4.4%
Capital Bank	8	3.6%	1,068.8	0.6%
Chinggis Khan Bank	8	3.6%	3,441.6	2.1%
XAC Bank	8	3.6%	2,438.4	1.5%
European Bank for Reconstruction and Development	7	3.1%	2,658.5	1.6%
Golomt, Saving, Zoos, Anod Banks	6	2.7%	3,277.7	2.0%
Capitron bank	5	2.2%	6,710.5	4.0%
Credit bank	4	1.8%	284.8	0.2%
State Bank	4	1.8%	570.6	0.3%
Bank of China	4	1.8%	978.2	0.6%
Bogd bank	3	1.3%	154.0	0.1%
Triple flag mining finance Bermuda Ltd	3	1.3%	13,017.0	7.8%
Export-Import Bank of China	3	1.3%	1,092.0	0.7%
Khutult nomgon	2	0.9%	253.4	0.2%
First lithium Corporation	2	0.9%	17,131.1	10.3%
National Investment Bank	2	0.9%	805.0	0.5%
Transport Development bank	2	0.9%	328.1	0.2%
GSB capital NBFi	2	0.9%	9,271.1	5.5%
Erel bank	2	0.9%	150.3	0.1%
World Gold	2	0.9%	2,194.9	1.3%
Other	19	8.4%	18,620.2	11.1%

Source: Cadastre Division, MRPAM

1.12. LIST OF LICENSE HOLDERS WITH 10 AND ABOVE LICENSES, *by 2020.X.31*

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	23	62,251.0	mongolian legal entity	Mongolia
3	Gatsuurt	16	8,933.2	mongolian legal entity	Mongolia
4	Tsaina investment mongolia	15	207,645.0	Entity with 100% foreign investment	Singapore
5	Burdel mining	13	2,344.4	mongolian legal entity	Mongolia
6	Gobi Coal and Energy	12	7,139.8	mongolian legal entity	Mongolia
7	TMG group	12	5,654.8	mongolian legal entity	Mongolia
8	Khunnu gobi altai	12	2,206.7	mongolian legal entity	Mongolia
9	MAK cement	11	4,119.1	mongolian legal entity	Mongolia
10	Platinum land	11	3,621.3	mongolian legal entity	Mongolia
11	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.X.31*

No	Name of entity	Count of license	Area size /ha/	Company type	Nationality
1	Tsaina investment mongolia	15	207,645.0	100% foreign invested entity	Singapore
2	Monlaa	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-X
TOTAL	613	813	1187	698	455
New license	131	288	226	218	217
Mining	103	65	78	73	76
Exploration	0	0	0	0	0
Tender	28	223	148	145	141
Extension of exploration license	173	231	657	273	73
Transfer	139	153	157	72	77
Mining	49	78	25	24	32
Exploration	90	75	132	48	45
Pledge	33	37	61	25	26
Mining	30	32	58	24	26
Exploration	3	5	3	1	0
Surrender	137	104	86	110	62
Mining	26	14	12	12	16
Exploration	111	90	74	98	46

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

	2016	2017	2018	2019	2020.I-X
New license	750	151	85	130	76
Mining	93	77	61	59	53
Exploration	629	41	5	0	8
Tender	28	33	19	71	15
Surrendered	166	97	91	93	67
Mining	25	13	11	11	16
Exploration	141	84	80	82	51
Canceled	241	237	181	189	129
Mining	37	35	33	70	48
Exploration	204	202	148	119	81
Expired	124	176	209	199	119
Transferred	146	136	172	71	82
Mining	50	62	38	24	35
Exploration	96	74	134	47	47
Extended	167	162	566	300	68
Pledged	29	39	56	23	27
Mining	27	34	53	23	27
Exploration	2	5	3	0	0
Terminated pledges	16	39	27	31	21
Mining	12	38	26	30	21
Exploration	4	1	1	1	0
Re-issue of license documents	35	26	40	27	17
Mining	15	19	13	14	11
Exploration	20	7	27	13	6

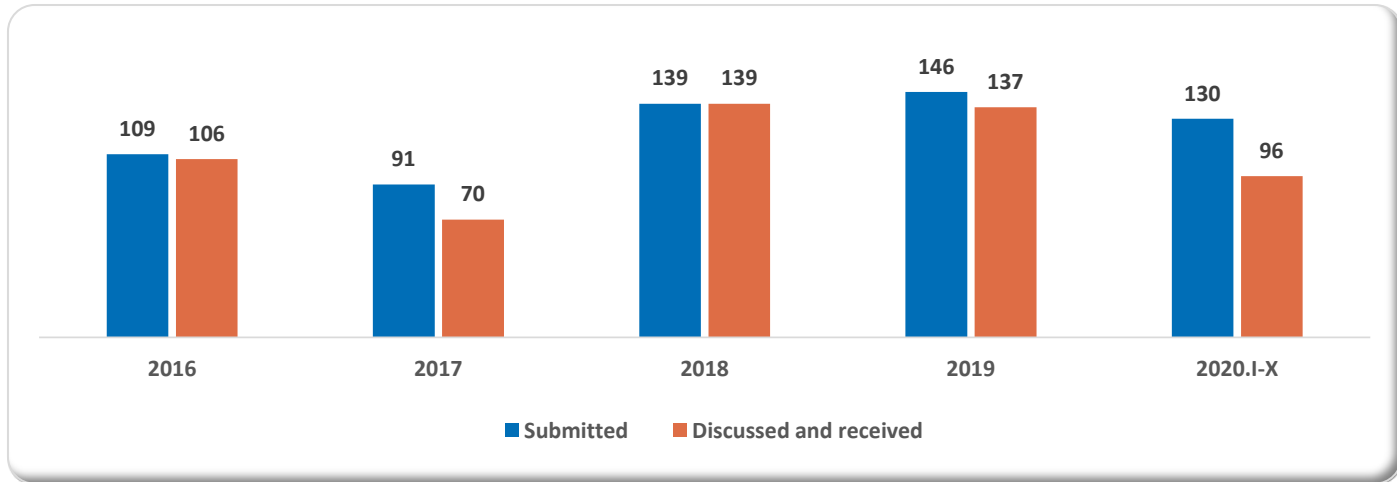
Source: Cadastre Division, MRPAM

2.1. 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%
Geocological 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%

Source: Geology and Exploration Division, MRPAM

2.2. RECEIVED EXPLORATION REPORT, by 2016-2020



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

	Deposit	Resource		
		Unit	Ore	Metal
Gold (rock)		ths.t/kg	96,104.4	80,870.2
Silver		t		284.0
Blue lead	11	ths.t		40.7
Zinc		ths.t		65.9
Copper		ths.t		30.6
Gold (placer)	20	kg	2,792.0	2,500.9
Copper		ths.tn	145,205.9	377,904.8
Gold	2	kg		11,483.8
Iron		ths.t	20,925.6	
Iron	3	ths.t		10,053.0
Tungsten	1	t	129,649.0	2,199.0
Fluorspar	18	ths.t	5,161.6	2,176.3
Uranium	1	ths.t	398,941.5	93.3
Coal	8	mln.t	558.7	
Limestone	2	ths.t	51,399.7	
Aggregate stone	15	ths.t	230,731.3	
Polishing stone	3	ths.m3	5,953.5	
Graphite	2	ths.t	124,080.3	6,234.4
Mud	3	ths.m3	3,089.5	
Sand gravel	5	ths.m3	3,118.4	
Sand	6	ths.m3	3,339.6	

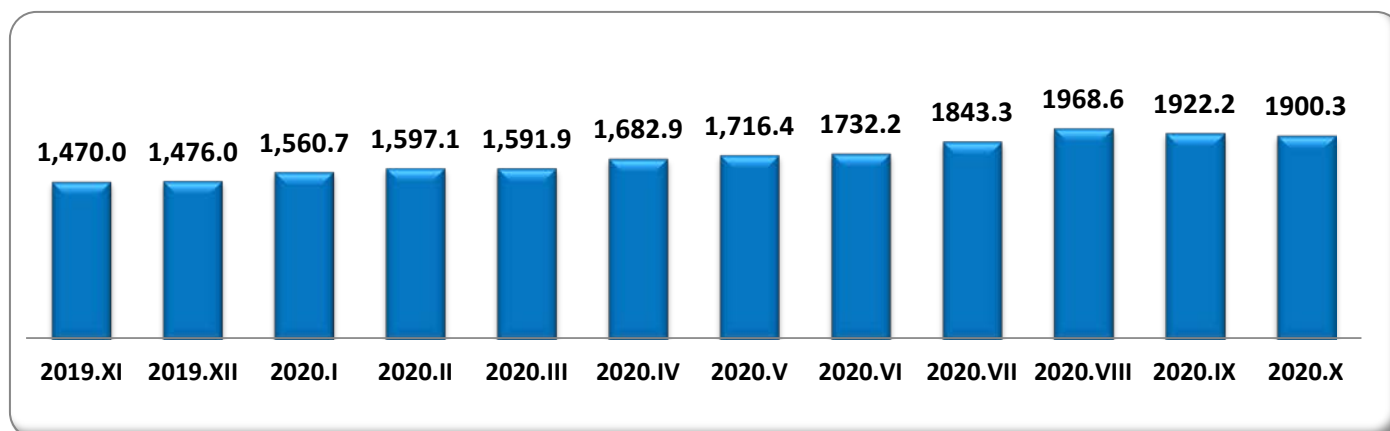
Source: Geology and Exploration Division, MRPAM

3 | MINING

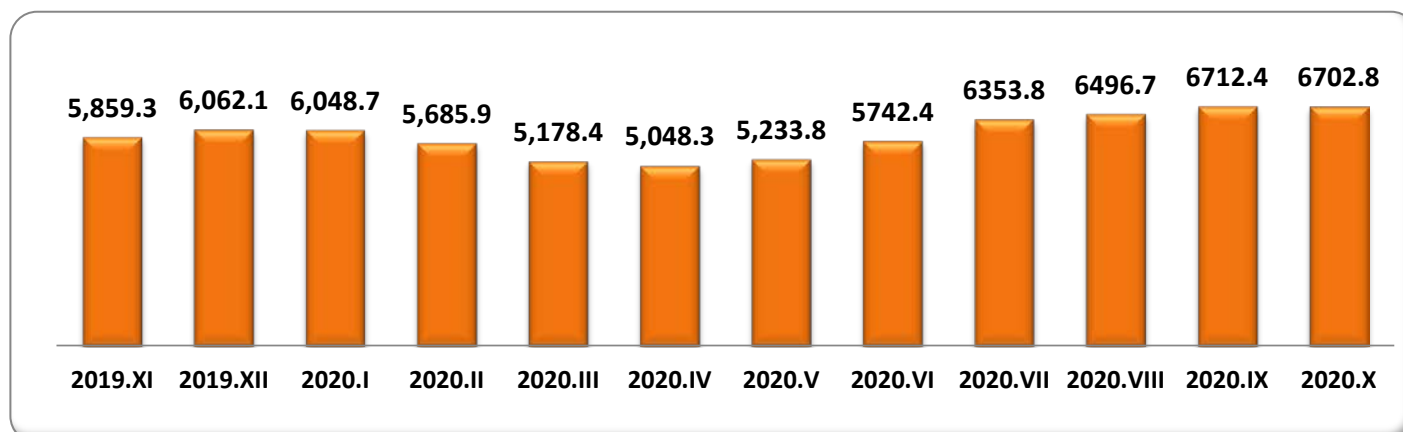
3.1. AVERAGE OF COMMODITY PRICES ON THE WORLD MARKET, by 2019-2020

	Хэмжих нэгж	2019	2019.X	2020.IX	2020.X	$\frac{2020.X}{2019.X}$	$\frac{2020.X}{2020.IX}$
Gold	\$/ounce	1,392.2	1,494.8	1,922.2	1,900.3	127.1%	98.9%
Silver	\$/ounce	16.2	17.6	25.9	24.2	137.6%	93.7%
Copper	\$/tons	6,004.6	5,742.4	6,712.4	6,702.8	116.7%	99.9%
Zinc	\$/tons	2,548.6	2,445.0	2,450.5	2,441.6	99.9%	99.6%
Blue lead	\$/tons	1,993.7	2,183.7	1,881.4	1,802.8	82.6%	95.8%
Tin	\$/tons	18,660.5	16,591.6	17,946.0	18,154.1	109.4%	101.2%
Molybdenum	\$/tons	23,755.9	23,608.6	18,215.9	19,008.8	80.5%	104.4%
Manganese 36%	\$/tons	233.4	202.1	188.9	177.9	88.0%	94.1%
Tungsten, 99%	\$/tons	33,953.3	34,790.0	30,390.0	30,230.0	86.9%	99.5%
Tungsten, 65%	\$/tons	12,787.3	13,086.8	12,611.7	12,597.5	96.3%	99.9%
Iron ore 56%	\$/tons	67.2	65.7	96.3	91.3	139.0%	94.8%
Iron ore 60% concentrate	\$/tons	82.7	76.9	112.1	107.6	140.0%	96.0%
Fluorite concentrate AG-97	\$/tons	448.3	425.0	355.0	355.0	83.5%	100.0%
Fluorite ore MG-85	\$/tons	320.2	300.0	300.0	300.0	100.0%	100.0%
Uranium	\$/kg	56.5	53.5	66.0	65.5	122.5%	99.2%

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

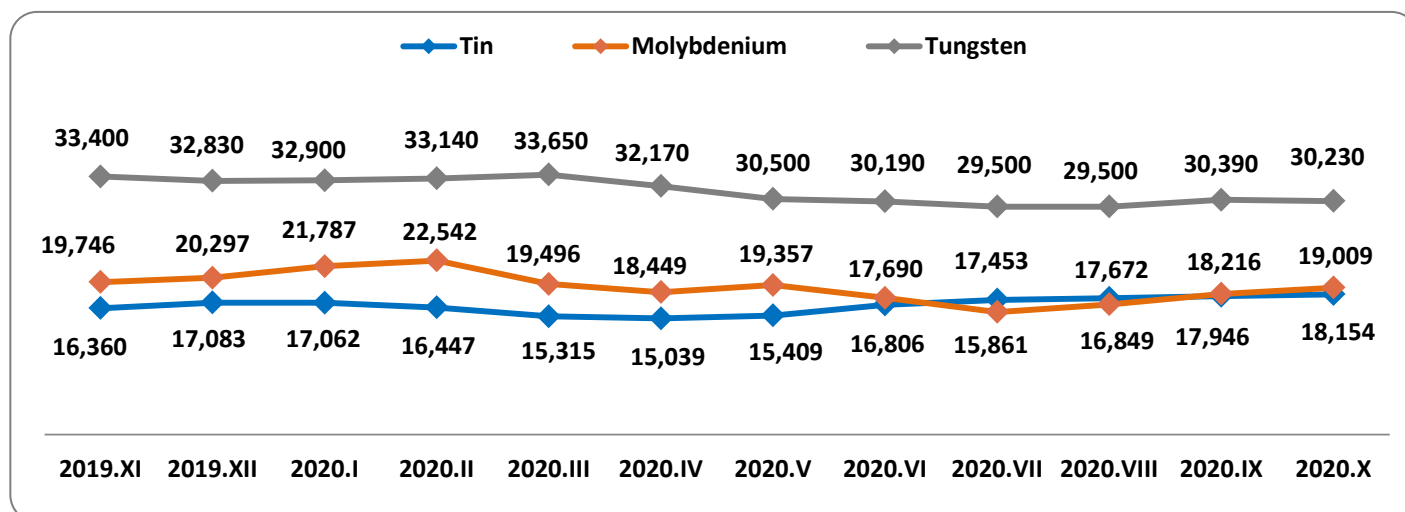


3.3. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, by US\$/tons and last 12 months

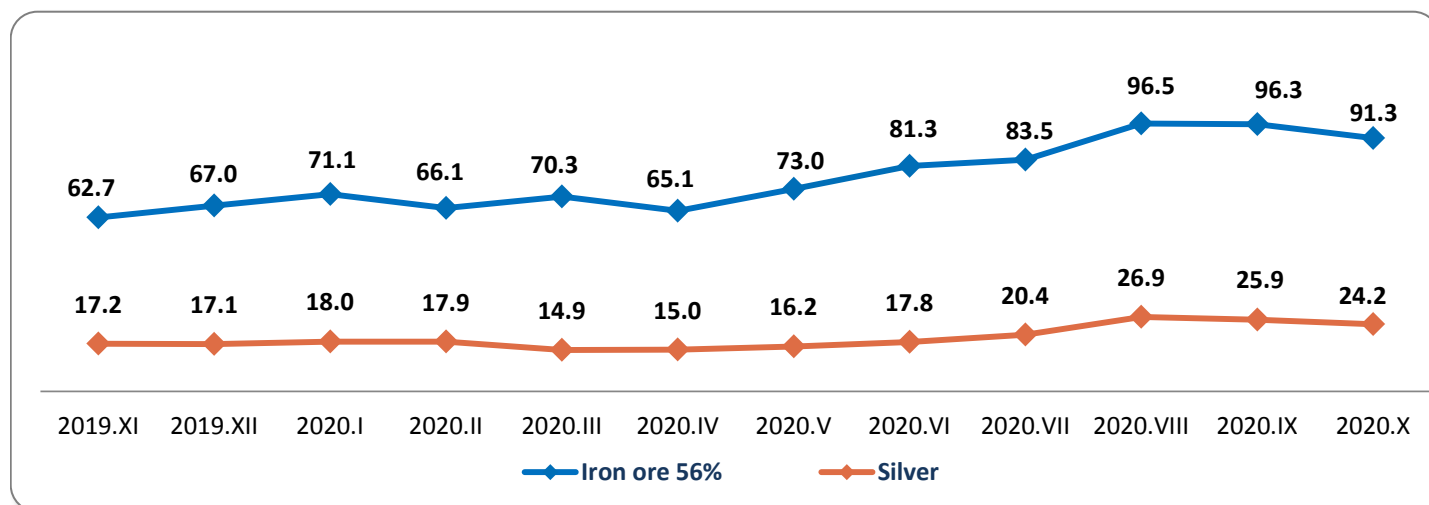


Source: www.kitco.com, www.westmetall.com, www.lme.com, www.asianmetal.com, www.lndmin.com, www.umetal.com, www.sxcoal.com

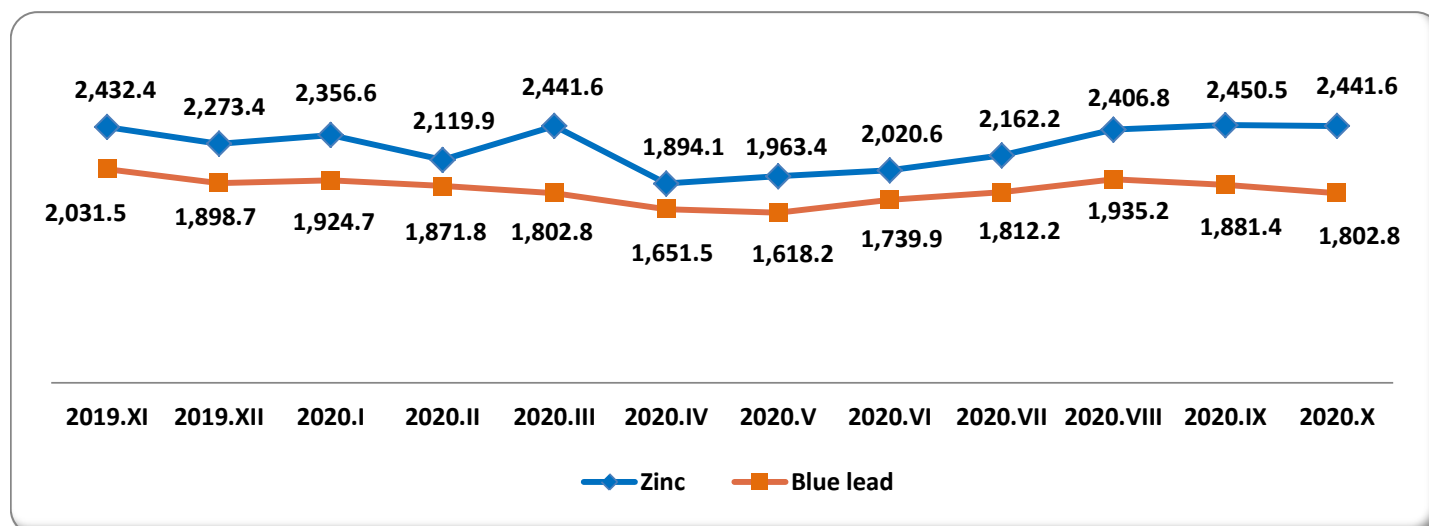
3.4. AVERAGE PRICE OF TIN, MOLYBDENIUM AND TUNGSTEN ON THE WORLD MARKET, by US\$/tons and last 12 months



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						Market value /2020.XI.09/
				2019	2019.X	2020.IX	2020.X	<u>2020.X</u> 2019.X	<u>2020.X</u> 2020.IX	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	1.036	0.453	0.93	7.9	1744%	849.5%	1.76B
Peabody Energy Corporation	NYQ	BTU	USD	22.07	14.757	3.05	1.76	11.9%	57.7%	105.62M
Rio Tinto plc	LSE	RIO.L	GBp	4,342.7	4,056.6	4,364.4	4,671.3	115.2%	107.0%	57.79B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	0.121	0.101	1.07	0.96	950%	89.7%	159.91M
Mongolian Mining Corporation	HKG	0975.HK	HKD	0.412	0.809	0.38	0.45	55.6%	118.4%	596.92M
South Gobi Resources Ltd.	HKG	1878.HK	HKD	0.949	0.92	-	-	-	-	136.35M
Centerra Gold Inc.	TOR	CG.TO	CAD	9.131	11.68	16.13	13.250	113.4%	82.1%	3.86B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.207	0.199	0.48	0.47	236.2%	97.9%	119.05M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.407	0.243	0.45	0.42	172.8%	93.3%	79.95M
Silver Elephant Mining Corp.	TOR	PCY.TO	CAD	-	-	0.46	0.44	-	95.7%	72.81M
Steppe Gold Ltd	TOR	STGO.TO	CAD	0.849	1.043	2.59	2.45	234.9%	94.6%	129.17M
Kincora Copper Limited	VAN	KCC.V	CAD	0.097	0.075	0.12	0.12	160.0%	100.0%	14.57M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.01	-	-	0.11	-	-	8.49M
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.071	0.045	0.05	0.04	88.9%	80.0%	34.66M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.028	0.013	0.08	0.08	615.4%	100.0%	36.04M
Haranga Resources Limited	ASX	HAR.AX	AUD	-	-	-	-	-	-	-
Tian Poh Resources Limited	ASX	TPO.AX	AUD	0.09	-	-	-	-	-	19.33M
TerraCom Limited	ASX	TER.AX	AUD	0.512	-	0.13	0.15	-	115.4%	113.04M
Viking Mines Limited	ASX	VKA.AX	AUD	0.011	-	0.01	0.02	-	200.0%	5.96M
Banpu Public Company Limited	SET	BANPU.BK	THB	13.987	10.833	5.79	6.52	-	112.6%	35.01B
Petro Matad Limited	LSE	MATD.L	GBp	5.301	4.217	2.56	2.5	59.3%	97.7%	15.94M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	-	-	-	-	-	-	-
Elixir Energy Limited	ASX	WOF.AX	AUD	-	-	0.13	0.13	-	100.0%	89.89M

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.X	2020.IX	2020.X	<u>2020.X</u> 2019.X	<u>2020.X</u> 2020.IX
Tavantolgoi	TTL	6,772	6,415	5,880	5,744	89.5%	97.7%
Baganuur	BAN	1,146	1,050	1,050	975	92.9%	92.9%
Shivee-Ovoo	SHV	2,175	2,615	1,869	-	-	-
Aduunchuluun	ADL	1,615	1,310	971	960	73.3%	98.9%
Shariin Gol	SHG	1,542	1,187	923	900	75.8%	97.5%
Erdene Resource Development Corporation	ERDN	502	475	869	871	183.4%	100.2%
Mogoin gol	BDL	7,766	-	7,333	6,730	-	91.8%
Bayanteeg	BTG	21,841	20,000	-	-	-	-
Berkh-Uul	BEU	574	600	442	550	91.7%	-
Khar Tarvagatai	TVT	7,080	-	4,945	-	-	-
Taliin Gal	TAL	-	-	-	18	-	-
Mongol Basalt	MBW	277	266	190	188	70.7%	98.9%
Mongol Ceramic	KEK	18,587	-	-	-	-	-
Silikat	SIL	76	83	-	-	-	-
Songolon barmat	SSG	-	-	-	-	-	-
Remicon	RMC	28	25	25	25	100.0%	100.0%
Arig Tal	EER	3,420	3,338	2,671	2,456	73.6%	92.0%
Niislel-Urguu	NUR	5,377	-	2,300	1,925	-	83.7%
Erchim Bayan-Ulgii	BOE	749	-	-	-	-	-
Khukh Gan	HGN	75	71	80	75	105.6%	93.8%
Nako Tulsh	NKT	82	-	28	-	-	-

Source: www.mse.mn

3.9. REHABILITATION WORK BY MINING LICENSE HOLDERS, 2016-2019 (2020.X.31)

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

3.10. AREA COVERED BY MINING AND REHABILITATION AREA IN 2019*, by provinces (2020.X.31)

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

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

Source: Mining Production and Technology Division, MRPAM

4 | COAL

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

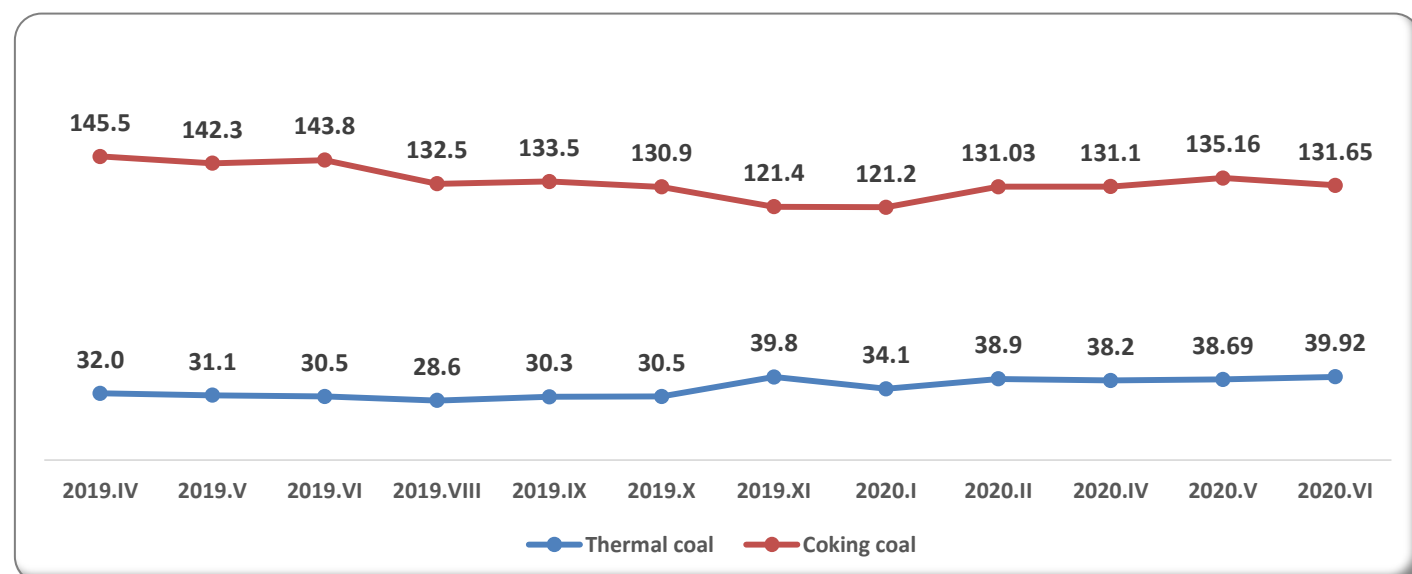
	Striping /ths.m3/	Coal production /ths.tons/	Coal sale /ths.tons/	Coal export /ths.tons/
2015	92,975.0	23,979.0	22,125.0	14,468.0
2016	102,374.3	35,096.5	33,831.7	25,809.3
2017	197,240.8	49,480.3	41,904.6	33,400.1
2018	244,861.2	54,572.3	45,741.9	36,671.4
2019	292,181.7	57,128.8	47,047.8	36,809.1
2020.I-X	166,049.2	29,653.0	29,978.1	22,539.1

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

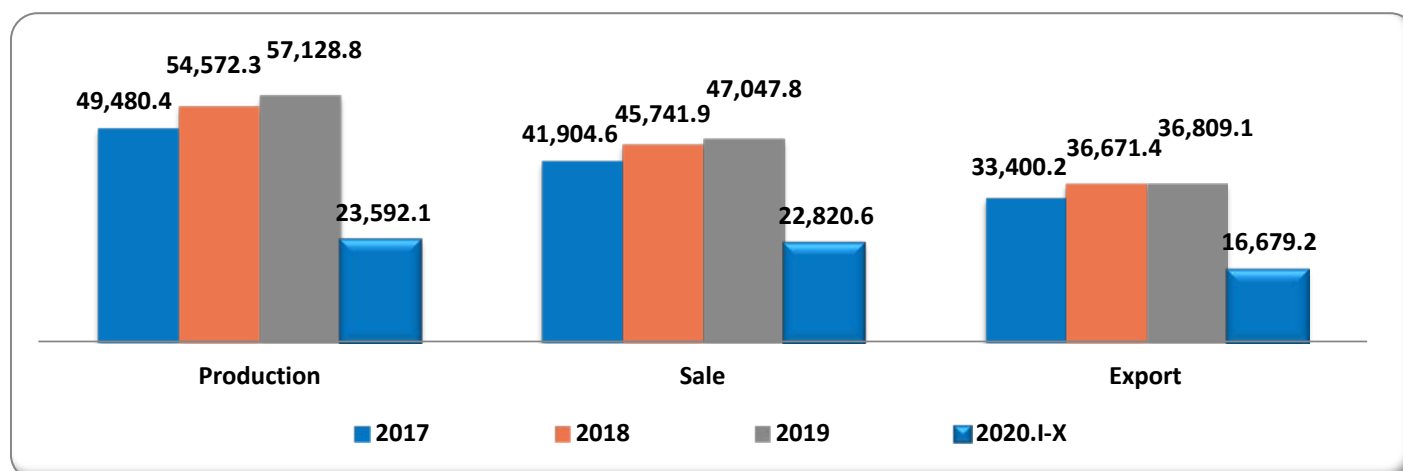
	TOTAL	Export	Local
БҮГД	29,978.1	22,539.1	7,439.0
Washed coking coal	4,347.9	4,347.9	-
Raw coking coal	9,067.8	9,067.8	-
Weak coking coal	7,291.6	7,291.6	-
Thermal coal	1,831.8	1,831.8	-
Brown coal	7,439.0	0.0	7,439.0

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-X	23,592.1	22,820.6	16,679.2
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	5,545.6	4,695.3
2020.X	6,060.9	6,670.8	5,373.2
<u>2020.X</u> <u>2019.X</u>	114.2%	141.4%	143.1%
<u>2020.I-X</u> <u>2019.I-X</u>	59.9%	73.8%	68.8%

Source: Coal Research Division, MRPAM

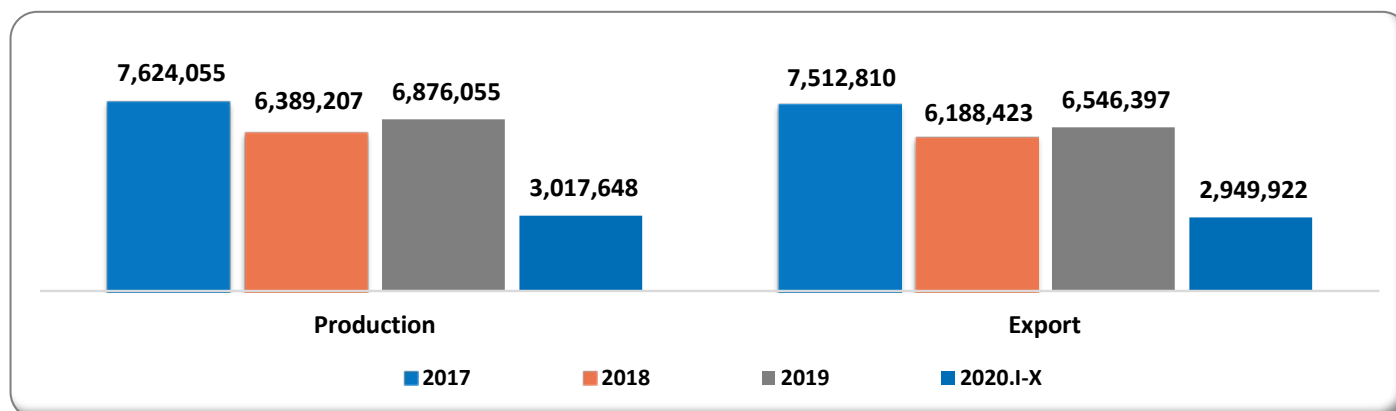
4.6. MINING AND PETROLEUM EXAMINATION AND TESTING CENTRAL LABORATORY, 2020.X

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	2.0	18.2	26.5	0.89	6950	7.0	84.2		
				Tavan tolgoi 4th orifice	3.2	20.1	28.3	0.78	6785	6.0	79.5		
		Weak coking	Gashuun Sukhait	Ukhaa Khudag	7.4	8.8	35.5	0.81	6824	7.5	75.6		
				Tavan tolgoi 8th orifice	5.2	22.1	30.5	1.00	6520	7.0	80.4		
		Non coking	Gashuun Sukhait	Shivee Khuren	1.8	13.5	32.5	0.55	7103	6.0	95.9		
				ETT Erchim Khuch	5.5	16.9	26.9	0.99	6089	0.0	0.0		
		Other	Zamiin Uud	Alag Tolgoi	17.8	20.7	42.2	2.27	4706	0.0	0.0		
				Dalan FShR	4.6	29.7	43.8	1.53	4839	0.0	0.0		
		Washed coal	Coal	Coking	Gashuun Sukhait	Ukhaa Khudag	8.5	10.2	25.3	0.68	6852	8.0	80.1

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

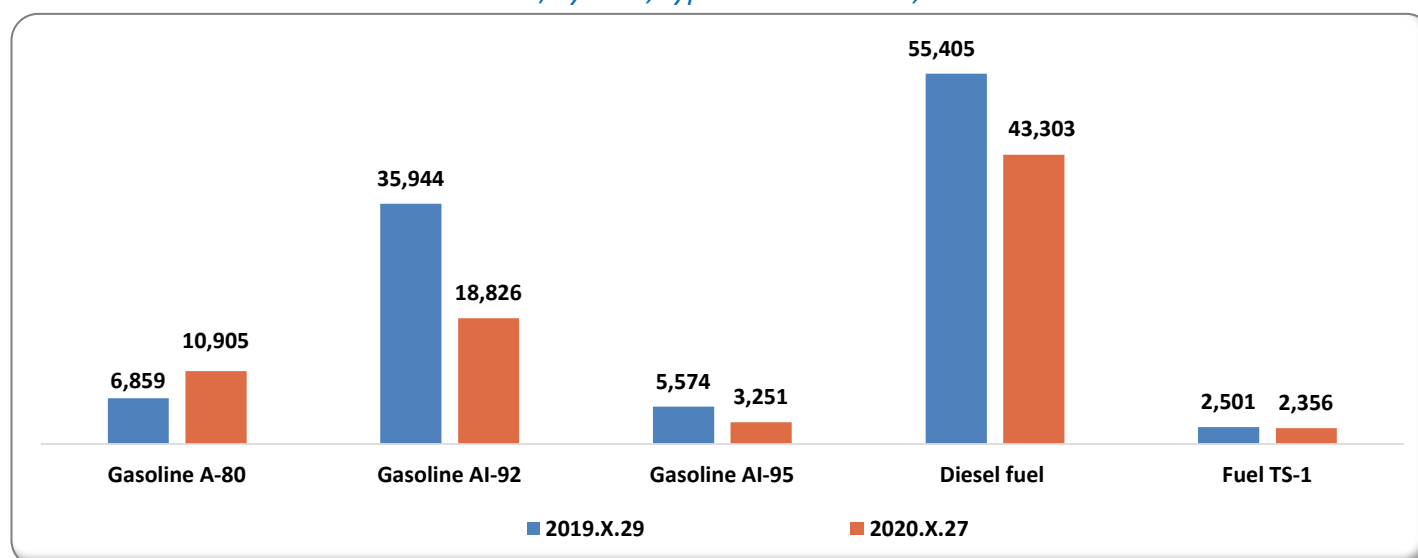
	Production		Export	
	Barrel	Percent	Barrel	Percent
2019	6,876,055	100%	6,546,397	100%
2019.I	586,737	8.5%	533,837	8.2%
2019.II	515,318	7.5%	477,824	7.3%
2019.III	569,607	8.3%	609,105	9.3%
2019.IV	549,449	8.0%	484,692	7.4%
2019.V	565,176	8.2%	521,783	8.0%
2019.VI	575,602	8.4%	549,609	8.4%
2019.VII	601,694	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-X	3,017,648	100%	2,949,922	100%
2020.I	375,848	12.5%	287,708	9.8%
2020.II	45,511	1.5%	-	-
2020.III	40,234	1.3%	34,584	1.2%
2020.IV	97,679	3.2%	165,747	5.6%
2020.V	210,549	7.0%	175,757	6.0%
2020.VI	258,256	8.6%	287,313	9.7%
2020.VII	352,651	11.7%	331,286	11.2%
2020.VIII	514,838	17.1%	548,383	18.6%
2020.IX	550,577	18.2%	548,850	18.6%
2020.X	571,504	18.9%	570,295	19.3%
<u>2020.X</u> <u>2019.X</u>	93.2%	-	92.1%	-
<u>2020.I-X</u> <u>2019.I-X</u>	52.6%	-	54.0%	-

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
2018	1,870,930	71,599	400,751	20,822	1,541	953,905	65,865	39,503	316,945
2019	2,004,172	70,559	468,824	23,357	1,191	1,118,417	46,621	41,120	234,082
2020.I-X	1,589,742	49,356	418,191	23,869	892	824,412	22,335	20,192	230,494
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.X 2019.X	84.1%	125.5%	153.1%	25.1%	199.1%	97.7%	65.4%	5.0%	60.3%
2020.I-X 2019.I-X	96.1%	89.6%	112.5%	124.2%	83.0%	88.5%	54.4%	58.4%	116.1%

5.4. RESIDUE OF PETROLEUM PRODUCTS, by tons, type and 2019.X.29, 2020.X.27



Source: Petroleum Products Division, MRPAM

5.5. THE WORLD AVERAGE PRICE OF PETROLEUM PRODUCTS ARE SELLING RETAIL SALE, by US\$/tons and 2020

	New York / WTI		London / BRENT	
	Opening price	Closing price	Opening price	Closing price
2020-01-07	62.91	62.70	68.63	68.27
2020-01-14	58.03	58.23	64.29	64.49
2020-01-21	59.17	58.34	65.26	64.59
2020-01-28	52.77	53.48	59.03	59.51
2020-02-04	49.94	49.61	54.33	53.96
2020-02-11	49.61	49.94	53.62	54.01
2020-02-18	52.23	52.05	57.35	57.75
2020-02-21	51.37	49.90	56.46	54.95
2020-03-03	47.72	47.18	53.47	51.86
2020-03-10	30.37	34.36	35.84	37.22
2020-03-17	28.69	26.95	30.14	28.73
2020-03-24	23.87	24.01	27.72	27.15
2020-03-31	20.23	20.48	23.00	22.74
2020-04-07	26.34	23.63	33.66	31.87
2020-04-14	22.36	20.11	32.25	29.60
2020-04-21	-14.00	10.01	26.33	19.33
2020-04-28	12.96	12.34	19.90	20.46
2020-05-05	21.24	24.56	28.10	30.97
2020-05-12	24.49	25.78	30.07	29.98
2020-05-19	32.83	32.50	35.66	34.65
2020-05-26	33.30	34.35	35.66	36.17
2020-06-02	35.56	36.81	38.34	39.57
2020-06-09	38.22	38.94	41.10	41.18
2020-06-16	37.05	38.38	39.94	40.96
2020-06-23	0.00	40.37	43.21	42.63
2020-06-30	39.64	39.27	41.33	41.15
2020-07-07	40.68	40.62	43.13	43.08
2020-07-16	39.60	40.29	42.24	42.90
2020-07-21	40.65	41.96	43.17	44.32
2020-07-28	41.65	41.04	43.55	43.22
2020-08-04	40.78	41.70	43.84	44.43
2020-08-10	41.50	41.94	44.66	44.99
2020-08-17	42.24	42.89	44.86	45.37
2020-08-24	42.48	42.62	44.50	45.13
2020-08-31	42.90	42.61	45.80	45.28
2020-09-08	39.48	39.22	42.20	42.01
2020-09-14	37.32	37.26	39.78	39.61
2020-09-21	40.98	39.31	43.01	41.44
2020-09-29	40.07	40.60	41.98	42.43
2020-10-05	37.00	39.22	39.19	41.29
2020-10-12	40.40	39.43	42.60	41.72
2020-10-19	40.70	40.83	42.70	42.60
2020-10-26	39.15	38.56	41.53	40.46
2020.X.26				
2020.IX.29	97.7%	95.0%	98.9%	95.4%

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.IX.29, 2020.X.27

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2020. IX.29	2020. X.27	<u>2020.X.27</u> 2020.IX.29	2020. IX.29	2020. X.27	<u>2020.X.27</u> 2020.IX.29	2020. IX.29	2020. X.27	<u>2020.X.27</u> 2020.IX.29	2020. IX.29	2020. X.27	<u>2020.X.27</u> 2020.IX.29
NATIONAL AVERAGE PRICE	1,467	1,463	99.7%	1,543	1,545	100.1%	2,079	2,078	100.0%	1,980	1,985	100.3%
Western region	1,558	1,544	99.1%	1,650	1,650	100.0%	-	-	-	1,800	1,870	103.9%
Bayan-Ulgii	1,450	1,450	100.0%	1,520	1,520	100.0%	-	-	-	1,600	1,600	100.0%
Govi-Altai	1,650	1,650	100.0%	1,750	1,750	100.0%	-	-	-	2,250	2,250	100.0%
Zavkhan	1,550	1,550	100.0%	1,700	1,700	100.0%	-	-	-	1,600	1,950	121.9%
Uvs	1,520	1,520	100.0%	1,630	1,630	100.0%	-	-	-	1,950	1,950	100.0%
Hovd	1,620	1,550	95.7%	1,650	1,650	100.0%	-	-	-	1,600	1,600	100.0%
Hangai region	1,391	1,390	99.9%	1,453	1,460	100.5%	2,083	2,083	100.0%	2,036	2,014	98.9%
Arkhangai	1,420	1,420	100.0%	1,500	1,500	100.0%	2,140	2,140	100.0%	2,100	2,100	100.0%
Bayankhongor	1,370	1,370	100.0%	1,500	1,500	100.0%	-	-	-	1,890	1,890	100.0%
Bulgan	1,400	1,400	100.0%	1,420	1,420	100.0%	2,050	2,050	100.0%	1,960	1,960	100.0%
Uvurkhangai	1,380	1,380	100.0%	1,400	1,400	100.0%	2,140	2,140	100.0%	2,200	2,200	100.0%
Orkhon	1,360	1,360	100.0%	1,420	1,420	100.0%	2,040	2,040	100.0%	1,960	1,960	100.0%
Selenge	1,400	1,400	100.0%	1,470	1,470	100.0%	2,030	2,030	100.0%	2,090	2,090	100.0%
Khuvsgul	1,410	1,400	99.3%	1,460	1,510	103.4%	2,100	2,100	100.0%	2,050	1,900	92.7%
Central region	1,428	1,428	100.0%	1,505	1,505	100.0%	2,053	2,052	99.9%	2,062	2,033	98.6%
Ulaanbaatar	1370- 1450	1370- 1450	100.0%	1370- 1470	1370- 1470	100.0%	1800- 2010	2000- 2150	107.0%- 111.1%	1800- 2150	1800- 2150	100.0%
Tuv	1,390	1,390	100.0%	1,430	1,430	100.0%	2,020	2,020	100.0%	1,900	1,900	100.0%
Darkhan	1,400	1,400	100.0%	1,470	1,470	100.0%	2,040	2,040	100.0%	1,960	1,960	100.0%
Govisumber	1,440	1,440	100.0%	1,510	1,510	100.0%	2,050	2,050	100.0%	2,040	2,040	100.0%
Dundgovi	1,480	1,480	100.0%	1,540	1,540	100.0%	2,060	2,050	99.5%	2,130	2,020	94.8%
Dornogovi	1,410	1,410	100.0%	1,530	1,530	100.0%	2,050	2,050	100.0%	2,100	2,040	97.1%
Umnugovi	1,450	1,450	100.0%	1,550	1,550	100.0%	2,100	2,100	100.0%	2,240	2,240	100.0%
Zamin Uud	1,490	1,490	100.0%	1,563	1,563	100.0%	2,100	2,100	100.0%	2,023	2,023	100.0%
Eastern region	1,520	1,520	100.0%	1,560	1,560	100.0%	2,100	2,100	100.0%	2,000	2,000	100.0%
Dornod	1,500	1,500	100.0%	1,600	1,600	100.0%	2,150	2,150	100.0%	2,220	2,220	100.0%
Sukhbaatar	1,450	1,450	100.0%	1,530	1,530	100.0%	2,050	2,050	100.0%	1,850	1,850	100.0%
Khentii	1,460	1,460	100.0%	1,500	1,500	100.0%	1,850	2,050	110.8%	2,000	2,100	105.0%

Source: Petroleum Products Division, MRPAM

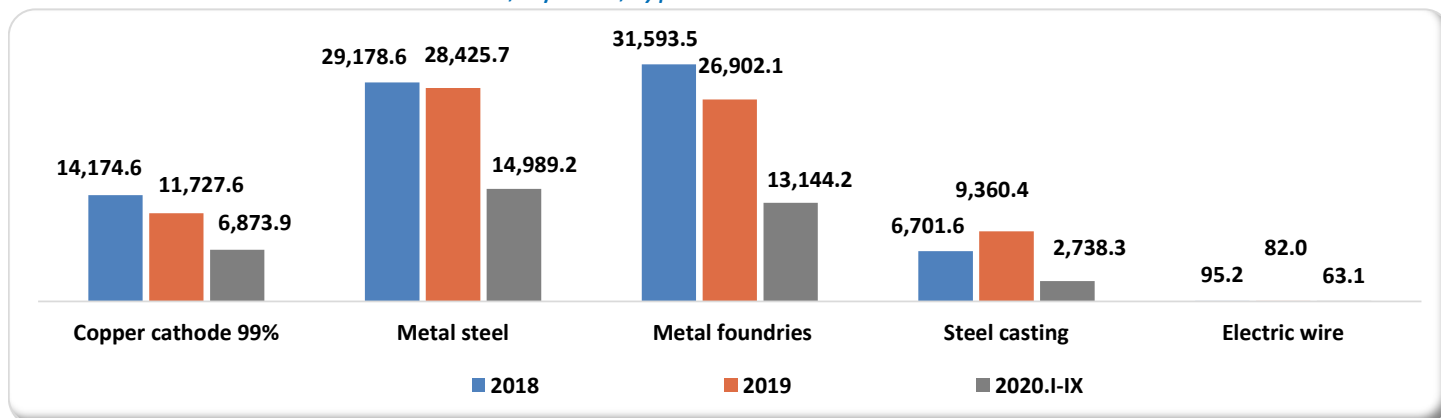
5.7.RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, by MNT/litre, type, and end of month 2018-2020

	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
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	1464	1506	2078	2139
2020.VIII.25	1507	1550	2078	2123
2020.IX.29	1467	1543	2079	1980
2020.X.27	1463	1545	2078	1985
<u>2020.X.27</u>	99.7%	100.1%	100.0%	100.3%
<u>2020.IX.29</u>				
<u>2020.X.27</u>	79.2%	80.5%	92.0%	81.9%
<u>2019.X.29</u>				
<u>2020.X.27</u>	78.4%	77.2%	93.5%	85.3%
<u>2018.X.30</u>				

Source: Petroleum Products Division, MRPAM

6 | HEAVY INDUSTRY

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

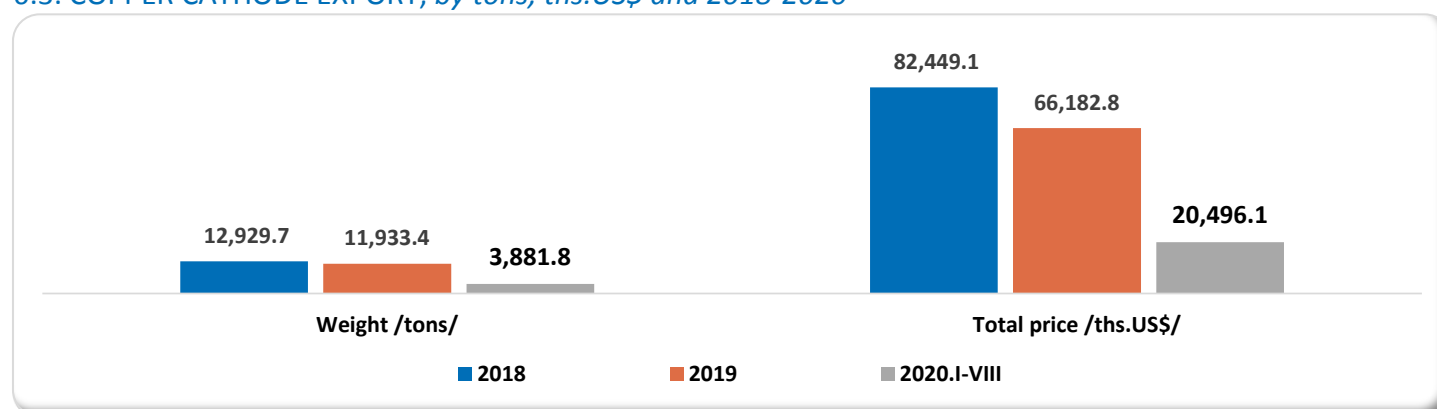


6.2. HEAVY INDUSTRIAL PRODUCTION, by tons, type and months 2019-2020

	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-IX	6,873.9	14,989.2	13,144.2	2,738.3	63.1
2020.I	903.9	2,458.4	3,679.0	722.3	0.4
2020.II	817.3	2,158.4	3,390.8	-	8.3
2020.III	727.0	41.7	-	462.9	8.7
2020.IV	741.8	3,224.4	-	726.3	8.4
2020.V	793.3	89.9	3,702.4	825.3	3.7
2020.VI	693.2	3,249.4	-	0.7	10.6
2020.VII	818.6	73.1	-	-	3.6
2020.VIII	684.2	72.1	-	0.4	10.8
2020.IX	694.6	3,621.8	2,372.0	0.4	8.6
2020.IX 2019.IX	93.4%	213.6%	71.6%	0.0%	122.9%
2020.I-IX 2019.I-IX	76.8%	68.9%	55.7%	41.5%	100.0%

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-VIII	3,881.8	100%	20,496.1	100%
2020.I	-	-	-	-
2020.II	1,160.1	29.9%	6,408.3	31.3%
2020.III	960.9	24.8%	5,179.7	25.3%
2020.IV	720.5	18.6%	3,466.4	16.9%
2020.V	760.5	19.6%	3,774.4	18.4%
2020.VI	159.8	4.1%	910.3	4.4%
2020.VII	120.0	3.1%	757.0	3.7%
2020.VIII	120.0	2.4%	757.0	2.8%
2020.VIII	10.3%	-	11.7%	-
2019.VIII				
2020.I-VIII	80.2%	-	77.9%	-
2019.I-VIII				

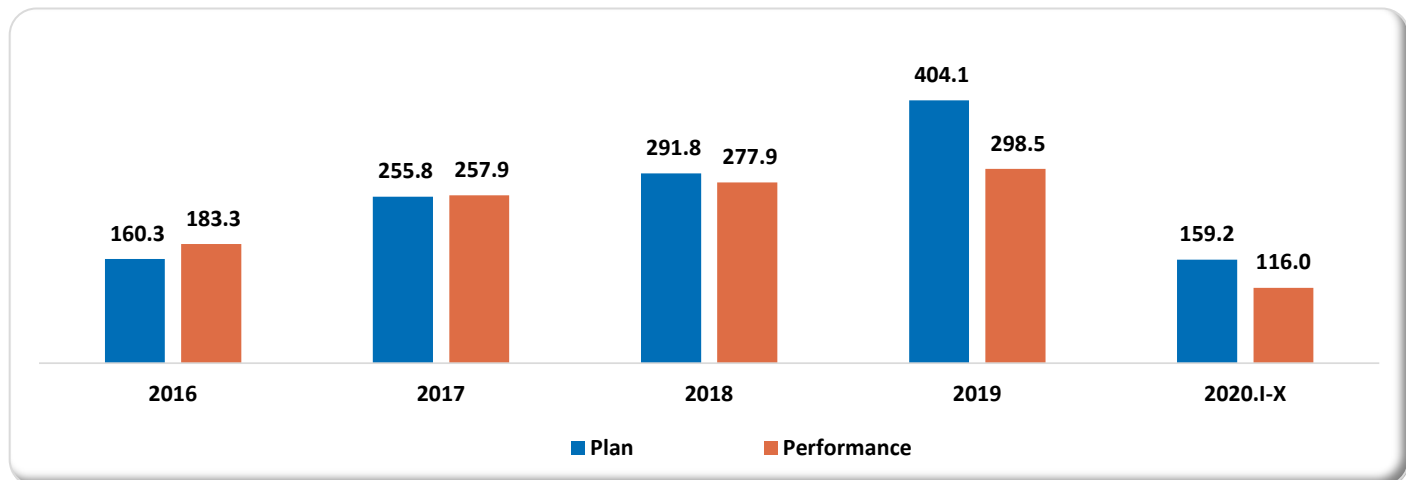
Source: Heavy Industry and Technology Division, MRPAM

7 | STATE BUDGET REVENUE

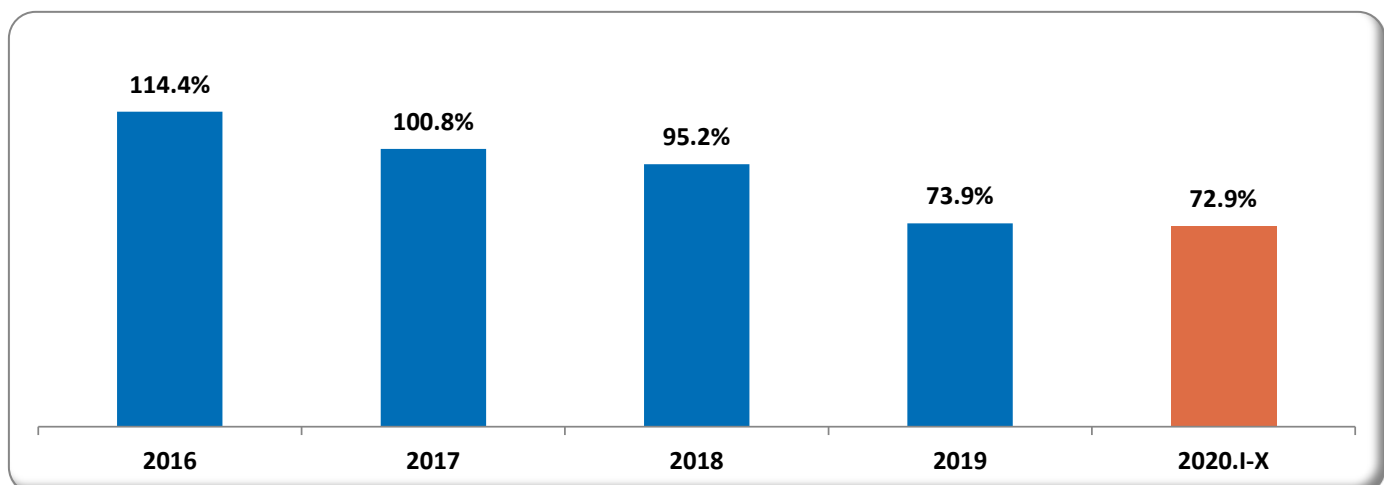
7.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, by million.MNT, income type and 2020

	Plan of 2020	2020.I-X	
		Performance	Performance rate
TOTAL	159,200.0	115,996.4	72.9%
License fee	30,000.0	28,370.9	94.6%
Reimbursement	6,600.0	7,016.0	106.3%
Petroleum export revenue	110,000.0	75,466.7	68.6%
Service revenue (petroleum)	1,711.8	1,270.6	74.2%
Service revenue (mineral resources)	1,888.2	1,378.5	73.0%
Tender revenue	9,000.0	2,493.8	27.7%

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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