



IMPLEMENTING AGENCY OF MONGOLIAN GOVERNMENT
MINERAL RESOURCES AND PETROLEUM AUTHORITY



MINERAL RESOURCES AND PETROLEUM STATISTICS

2020/08



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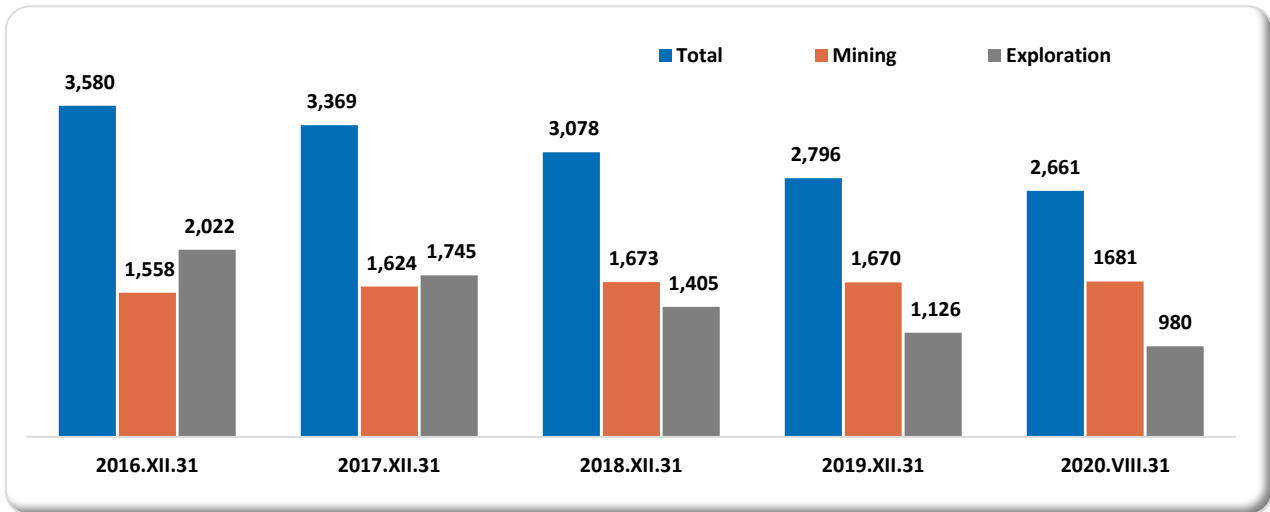
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1.1. COUNT OF VALID LICENSES AND AREA SIZE, by provinces and 2020.VIII.31

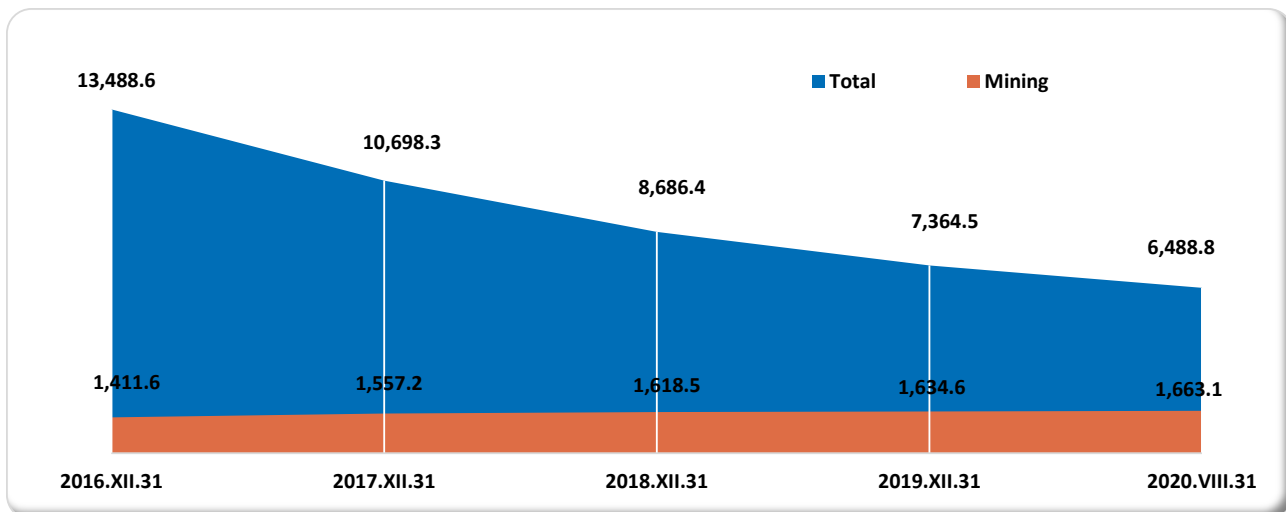
	TOTAL			Of which:					
	Count of Licenses	Area size /ths.ha/	Percent of total territory	Mining			Exploration		
				Count of Licenses	Area size /ths.ha/	Percent of total territory	Count of Licenses	Area size /ths.ha/	Percent of total territory
TOTAL	2,661	6,488.8	4.2%	1,681	1,663.1	1.1%	980	4,825.7	3.1%
Arkhangai	19	11.8	0.2%	16	8.6	0.2%	3	3.1	0.1%
Bayan-Ulgii	55	151.3	3.3%	28	15.2	0.3%	27	136.1	3.0%
Bayankhongor	140	333.0	2.9%	88	119.8	1.0%	52	213.2	1.8%
Bulgan	100	116.4	2.4%	74	38.6	0.8%	26	77.8	1.6%
Govi-Altai	138	601.3	4.2%	54	89.5	0.6%	84	511.8	3.6%
Govisumber	16	44.6	8.1%	13	38.9	7.0%	3	5.8	1.0%
Darkhan Uul	66	10.8	3.3%	61	7.6	2.3%	5	3.2	1.0%
Dornogovi	338	1,203.3	11.0%	191	238.8	2.2%	147	964.5	8.8%
Dornod	152	499.8	4.0%	73	63.7	0.5%	79	436.1	3.5%
Dundgovi	193	629.5	8.4%	108	170.6	2.3%	85	458.8	6.1%
Zavhan	49	243.1	2.9%	9	14.1	0.2%	40	229.0	2.8%
Orkhon	9	11.1	13.2%	9	11.1	13.2%	0	0.0	0.0%
Uvurkhangai	46	117.9	1.9%	28	16.1	0.3%	18	101.8	1.6%
Umnugovi	167	959.3	5.8%	98	451.0	2.7%	69	508.2	3.1%
Sukhbaatar	94	288.9	3.5%	70	65.1	0.8%	24	223.7	2.7%
Selenge	178	93.4	2.3%	143	44.1	1.1%	35	49.2	1.2%
Tuv	385	325.1	4.4%	301	156.7	2.1%	84	168.3	2.3%
Uvs	109	287.8	4.1%	42	19.9	0.3%	67	267.9	3.9%
Ulaanbaatar	161	14.2	3.0%	152	13.1	2.8%	9	1.1	0.2%
Khuvsgul	24	13.8	0.1%	21	10.3	0.1%	3	3.5	0.0%
Khovd	96	209.4	2.8%	36	16.0	0.2%	60	193.4	2.5%
Khentii	211	323.2	4.0%	123	54.2	0.7%	88	268.9	3.3%

Source: Cadastre Division, MRPAM

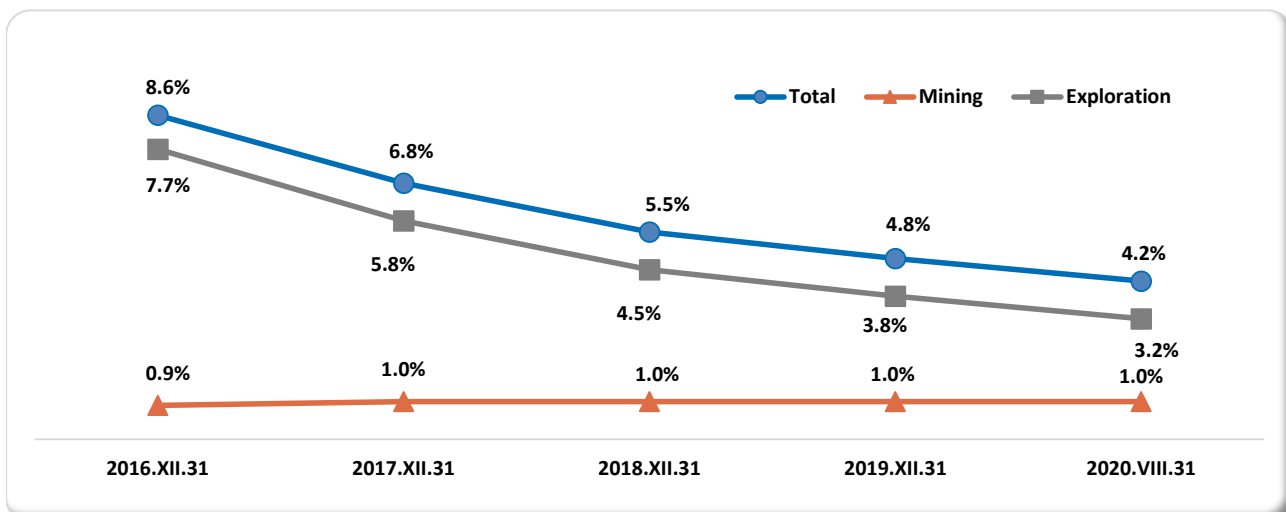
1.2. COUNT OF TOTAL VALID LICENSES, by 2016-2020



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.VIII.31*

	Mining license		Area size	
	Count	Percent	Hectare	Percent
TOTAL	1681	100%	1,663,053.9	100%
Gold (placer)	435	25.9%	151,212.1	9.1%
Coal	300	17.8%	785,077.9	47.2%
Fluorite	195	11.6%	32,652.1	2.0%
Gold (placer)	92	5.5%	89,567.9	5.4%
Iron	75	4.5%	47,451.7	2.9%
limestone	75	4.5%	45,320.1	2.7%
Common mineral, gravel, sand	70	4.2%	3,404.3	0.2%
Common mineral, mud	46	2.7%	2,487.2	0.1%
Common mineral, aggregate stone	35	2.1%	18,159.9	1.1%
Tungsten	29	1.7%	9,062.1	0.5%
Common mineral, sand	24	1.4%	1,126.4	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%	5,367.5	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%	1,449.0	0.1%
Uranium	7	0.4%	76,866.1	4.6%
Molybdenum	7	0.4%	8,922.5	0.5%
Marble	7	0.4%	1,969.8	0.1%
Graphite	6	0.4%	14,867.5	0.9%
Molybdenum, tungsten	5	0.3%	4,720.2	0.3%
Aggregate stone	5	0.3%	1,553.5	0.1%
Iron, zinc	5	0.3%	1,050.4	0.1%
Manganese	4	0.2%	7,507.0	0.5%
Gold, Copper	4	0.2%	5,236.0	0.3%
Wolfram, Tin	4	0.2%	2,673.5	0.2%
Мөсөн шүү	4	0.2%	1,444.1	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%	1,333.4	0.1%
Other	122	7.0%	103,553.2	5.9%

Source: Cadastre Division, MRPAM

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

	Hectare	Percent of total territory
Valid mining licensed area	1.7	1.1%
Valid exploration licensed area	4.8	3.1%
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.VIII.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.VIII.31

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	1718	2661	6,488,768.6	100%
Mongolian entities	1371	2112	4,822,090.5	74.3%
100% foreign entities	249	402	1,315,247.0	20.3%
Joint foreign entities	98	147	351,431.2	5.4%

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

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	249	402	1,315,247.0	100%
China	132	165	331,256.6	25.19%
Virgin Islands	30	58	118,772.2	9.03%
Singapore	16	57	324,645.4	24.68%
Hong Kong	15	27	67,755.4	5.15%
Canada	12	23	239,176.4	18.18%
South Korea	10	13	10,522.1	0.80%
Australia	5	5	26,641.3	2.03%
Russia	4	5	2,490.4	0.19%
Great Britain	3	4	6,038.7	0.46%
Holland	3	15	106,872.3	8.13%
Luxemburg	2	6	13,528.2	1.03%
Germany	2	2	603.9	0.05%
Japan	2	3	3,015.1	0.23%
Bermud	2	3	7,314.3	0.56%
United States of America	2	4	2,442.3	0.19%
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	0.28%
Barbados	1	3	9,183.0	0.70%
Malaysia	1	2	2,416.5	0.18%
Luxemburg, Seychelles	1	1	36,391.0	2.77%
Kazakhstan	1	1	136.5	0.01%
Virgin Islands, Singapore	1	1	1,934.0	0.15%

Source: Cadastre Division, MRPAM

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

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	98	147	351,431.2	100%
Mongolia, China	46	65	92,119.3	26.2%
Mongolia, South Korea	10	17	39,835.3	11.3%
Mongolia, Russia	8	10	1,347.8	0.4%
Mongolia, Virgin Islands	6	10	35,233.8	10.0%
Mongolia, Singapore	4	7	30,219.9	8.6%
Mongolia, Japan	4	7	13,386.0	3.8%
Mongolia, Germany	3	4	5,911.9	1.7%
Mongolia, Czech Republic	3	6	52,377.8	14.9%
Mongolia, Great Britain	2	2	5,135.2	1.5%
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	12.5%
Mongolia, Singapore, Hong Kong	1	1	1,469.5	0.4%
Mongolia, Hong Kong	1	4	8,665.5	2.5%

Source: Cadastre Division, MRPAM

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

	License		Area	
	Count	Percent	Hectare	Percent
TOTAL	215	100%	161,949.5	100%
Trade and Development Bank	42	19.5%	26,222.8	16.2%
Golomt Bank	27	12.6%	25,365.5	15.7%
Development Bank of Mongolia	26	12.1%	19,706.5	12.2%
HAAN Bank	13	6.0%	2,903.9	1.8%
Chinggis Khan Bank	9	4.2%	3,786.4	2.3%
Capital Bank	8	3.7%	1,068.8	0.7%
Anod Bank	8	3.7%	7,329.7	4.5%
XAC Bank	8	3.7%	2,438.4	1.5%
European Bank for Reconstruction and Development	7	3.3%	2,658.5	1.6%
Golomt, Saving, Zoos, Anod Banks	6	2.8%	3,277.7	2.0%
Capitron bank	5	2.3%	1,348.0	0.8%
Credit bank	4	1.9%	284.8	0.2%
Transport Development bank	4	1.9%	1,789.4	1.1%
State Bank	4	1.9%	570.6	0.4%
GSB capital NBFi	4	1.9%	9,271.1	5.7%
Bogd bank	3	1.4%	154.0	0.1%
Triple flag mining finance Bermuda Ltd	3	1.4%	13,017.0	8.0%
Export-Import Bank of China	3	1.4%	1,092.0	0.7%
World Gold	2	0.9%	2,194.9	1.4%
Bank of China	2	0.9%	978.2	0.6%
Erel bank	2	0.9%	150.3	0.1%
First lithium Corporation	2	0.9%	17,131.1	10.6%
Khutult nomgon	2	0.9%	253.4	0.2%
National Investment Bank	2	0.9%	805.0	0.5%
Other	19	8.8%	18,151.6	11.2%

Source: Cadastre Division, MRPAM

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

	2016	2017	2018	2019	2020.I-VIII
TOTAL	613	813	1187	698	248
New license	131	288	226	218	58
Mining	103	65	78	73	58
Exploration	0	0	0	0	0
Tender	28	223	148	145	0
Extension of exploration license	173	231	657	273	60
Transfer	139	153	157	72	64
Mining	49	78	25	24	25
Exploration	90	75	132	48	39
Pledge	33	37	61	25	16
Mining	30	32	58	24	16
Exploration	3	5	3	1	0
Surrender	137	104	86	110	50
Mining	26	14	12	12	13
Exploration	111	90	74	98	37

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

	2016	2017	2018	2019	2020.I-VIII
New license	750	151	85	130	45
Mining	93	77	61	59	39
Exploration	629	41	5	0	6
Tender	28	33	19	71	0
Surrendered	166	97	91	93	58
Mining	25	13	11	11	13
Exploration	141	84	80	82	45
Canceled	241	237	181	189	107
Mining	37	35	33	70	34
Exploration	204	202	148	119	73
Expired	124	176	209	199	87
Transferred	146	136	172	71	64
Mining	50	62	38	24	26
Exploration	96	74	134	47	38
Extended	167	162	566	300	49
Pledged	29	39	56	24	24
Mining	27	34	53	23	16
Exploration	2	5	3	0	0
Terminated pledges	16	39	27	31	15
Mining	12	38	26	30	15
Exploration	4	1	1	1	0
Re-issue of license documents	35	26	40	27	13
Mining	15	19	13	14	7
Exploration	20	7	27	13	6

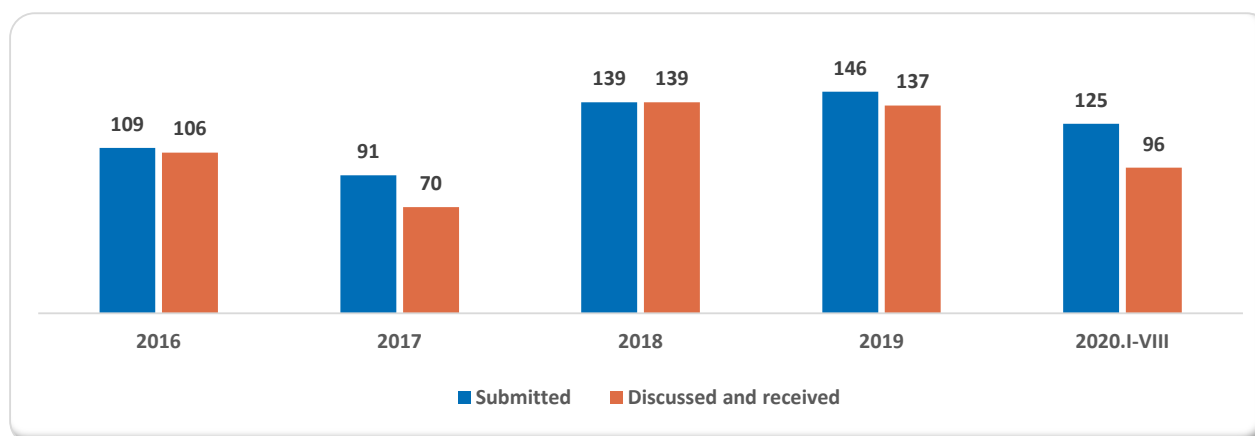
Source: Cadastre Division, MRPAM

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%
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

2.2. RECEIVED EXPLORATION REPORT, by 2016-2020



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

	Deposit	Resource		
		Unit	Ore	Metal
Gold (rock)	9	ths.t/kg	91,313.3	79,743.3
Silver		t		270.4
Blue lead		ths.t		40.7
Zinc		ths.t		65.9
Copper		ths.t		30.6
Gold (placer)	18	kg	2,695.4	2,416.6
Copper	1	ths.tn	145,205.9	377,904.8
Gold		kg		11,483.8
Iron	3	ths.t	20,925.6	
Iron		ths.t		10,053.0
Tungsten	1	t	129,649.0	2,199.0
Fluorspar	15	ths.t	4,537.9	1,954.5
Uranium	1	ths.t	398,941.5	93.3
Coal	3	mln.t	266.1	
Limestone	1	mln.t	154.5	
Aggregate stone	12	ths.t	200,113.2	
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	

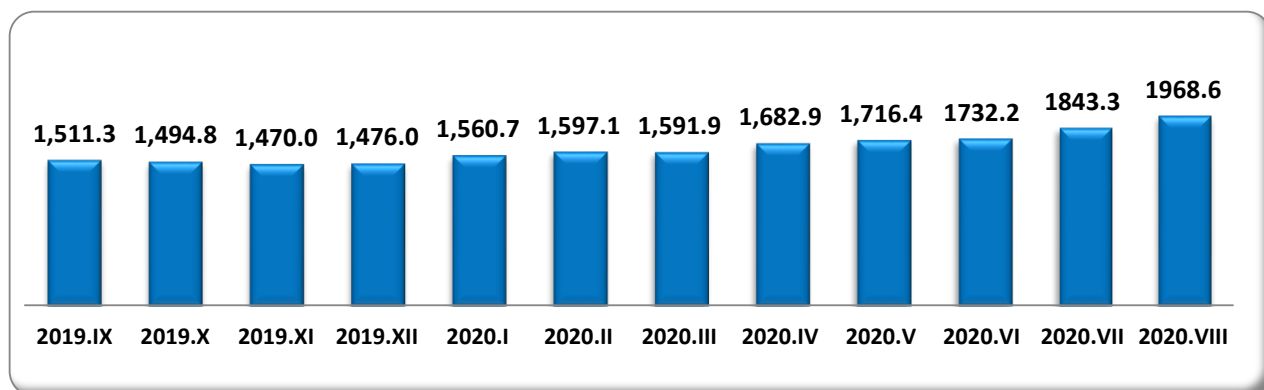
Source: Geology and Exploration Division, MRPAM

3 | MINING

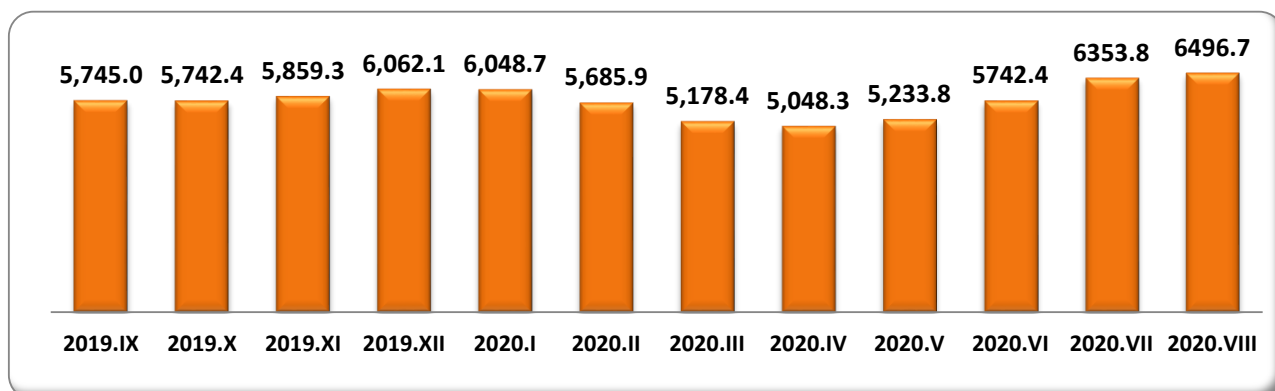
3.1. AVERAGE OF COMMODITY PRICES ON THE WORLD MARKET, by 2019-2020

	Хэмжих нэгж	2019	2019.VIII	2020.VII	2020.VIII	$\frac{2020.VIII}{2019.VIII}$	$\frac{2020.VIII}{2020.VII}$
Gold	\$/ounce	1,392.2	1,498.8	1,843.3	1,968.6	131.3%	106.8%
Silver	\$/ounce	16.2	17.1	20.4	26.9	156.9%	131.8%
Copper	\$/tons	6,004.6	5,707.6	6,353.8	6,496.7	113.8%	102.2%
Zinc	\$/tons	2,548.6	2,274.6	2,162.2	2,406.8	105.8%	111.3%
Blue lead	\$/tons	1,993.7	2,042.7	1,812.2	1,935.2	94.7%	106.8%
Tin	\$/tons	18,660.5	16,567.3	17,453.0	17,671.9	106.7%	101.3%
Molybdenum	\$/tons	23,755.9	23,800.0	15,860.8	16,848.8	70.8%	106.2%
Manganese 36%	\$/tons	233.4	234.7	193.0	186.2	79.3%	96.5%
Tungsten, 99%	\$/tons	33,953.3	28,210.0	29,500.0	29,500.0	104.6%	100.0%
Tungsten, 65%	\$/tons	12,787.3	10,475.5	11,513.9	12,088.4	115.4%	105.0%
Iron ore 56%	\$/tons	67.2	64.6	83.5	96.5	149.5%	115.6%
Iron ore 60% concentrate	\$/tons	82.7	80.0	94.6	109.7	137.1%	116.0%
Fluorite concentrate AG-97	\$/tons	448.3	425.0	365.0	355.0	83.5%	97.3%
Fluorite ore MG-85	\$/tons	320.2	300.0	300.0	300.0	100.0%	100.0%
Uranium	\$/kg	56.5	55.8	71.5	68.0	121.9%	95.1%

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

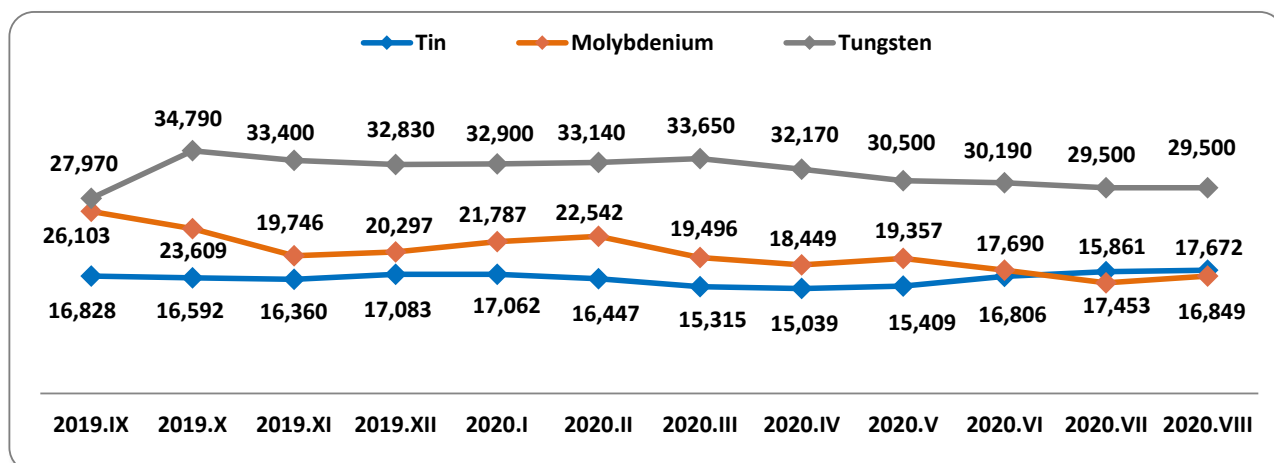


3.3. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, by US\$/tons and last 12 months

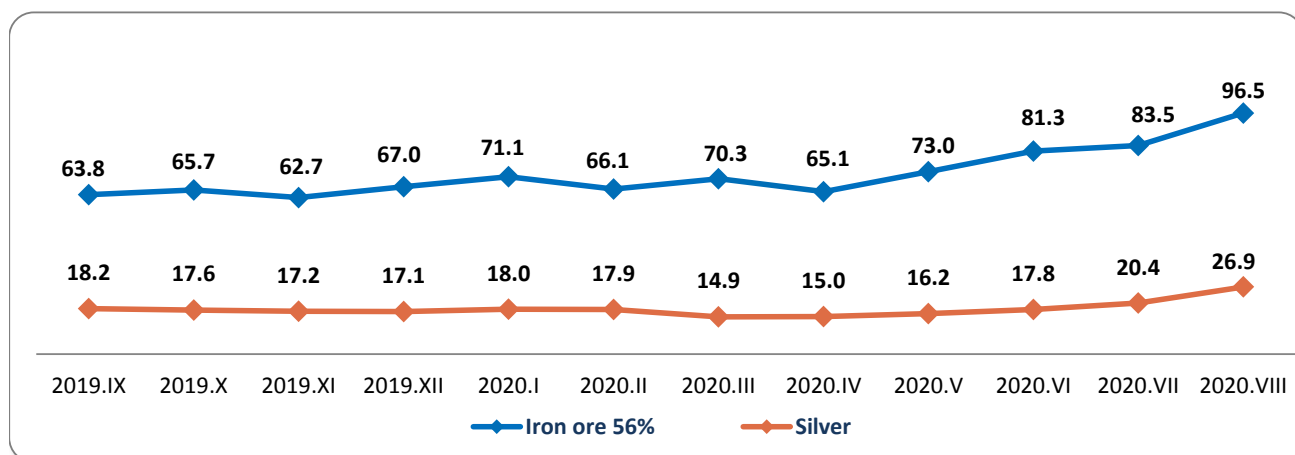


Source: www.kitco.com, www.westmetall.com, www.lme.com, www.asianmetal.com, www.lndmin.com, www.umetal.com www.sxcoal.com

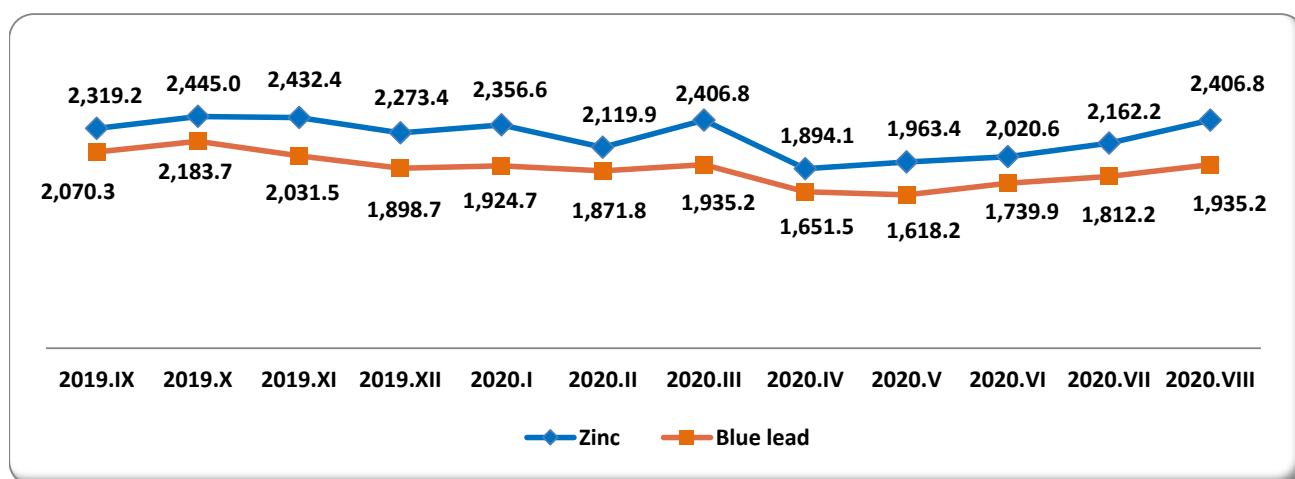
3.4. AVERAGE PRICE OF TIN, MOLYBDENIUM AND TUNGSTEN ON THE WORLD MARKET, by US\$/tons and last 12 months



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.IX.08/
				2019	2019.VIII	2020.VII	2020.VIII	2020.VII 2019.VII	2020.VIII 2020.VII	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	1.036	0.48	0.841	0.901	187.7%	107.1%	2.33B
Peabody Energy Corporation	NYQ	BTU	USD	22.07	18.375	2.965	2.658	14.5%	89.6%	264.06M
Rio Tinto plc	LSE	RIO.L	GBp	4,342.7	4,102.6	4,501.2	4,733.0	115.4%	105.1%	58.10B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	0.121	0.117	1.404	1.389	1187%	98.9%	216.34M
Mongolian Mining Corporation	HKG	0975.HK	HKD	0.412	0.758	0.494	0.459	60.6%	92.9%	370.50M
South Gobi Resources Ltd.	HKG	1878.HK	HKD	0.949	0.995	0.488	0.504	50.7%	103.3%	145.79M
Centerra Gold Inc.	TOR	CG.TO	CAD	9.131	11.802	15.804	17.082	144.7%	108.1%	4.86B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.207	0.235	0.519	0.547	232.8%	105.4%	115.13M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.407	0.32	0.433	0.434	135.6%	100.2%	81.59M
Silver Elephant Mining Corp.	TOR	PCY.TO	CAD	-	0.233	0.374	0.5	-	-	67.06M
Steppe Gold Ltd	TOR	STGO.TO	CAD	0.849	0.95	2.628	2.684	282.5%	102.1%	151.56M
Kincora Copper Limited	VAN	KCC.V	CAD	0.097	0.121	0.157	0.113	93.4%	72.0%	27.07M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.01	-	-	-	-	-	-
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.071	0.058	0.052	0.05	86.2%	96.2%	43.65M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.028	0.015	0.084	0.085	566.7%	101.2%	40.10M
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	-	0.155	0.143	-	92.3%	94.20M
Viking Mines Limited	ASX	VKA.AX	AUD	0.011	-	0.01	0.011	-	110.0%	4.39M
Banpu Public Company Limited	SET	BANPU.BK	THB	13.987	12.362	6.028	5.553	-	92.1%	29.68B
Petro Matad Limited	LSE	MATD.L	GBp	5.301	7.018	2.765	2.693	38.4%	97.4%	17.87M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	-	-	-	-	-	-	-
Elixir Energy Limited	ASX	WOF.AX	AUD	-	-	0.055	0.122	-	221.8%	100.28M

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.VIII	2020.VII	2020.VIII	<u>2020.VIII</u> 2019.VIII	<u>2020.VIII</u> 2020.VII
Tavantolgoi	TTL	6,772	6,675	5,509	5,666	84.9%	102.8%
Baganuur	BAN	1,146	1,144	891	925	80.9%	103.8%
Shivee-Ovoo	SHV	2,175	2,303	1,980	1,833	79.6%	92.6%
Aduunchuluun	ADL	1,615	1,600	950	995	62.2%	104.7%
Shariin Gol	SHG	1,542	1,465	1,394	836	57.1%	60.0%
Erdene Resource Development Corporation	ERDN	502	519	761	906	174.6%	119.1%
Mogoin gol	BDL	7,766	7,407	-	7,560	-	-
Bayanteeg	BTG	21,841	-	21,260	-	-	-
Berkh-Uul	BEU	574	-	600	-	-	-
Khar Tarvagatai	TVT	7,080	7,300	-	-	-	-
Taliin Gal	TAL	-	-	-	-	-	-
Mongol Basalt	MBW	277	351	201	196	55.8%	97.5%
Mongol Ceramic	KEK	18,587	-	-	-	-	-
Silikat	SIL	76	-	-	33	-	-
Songolon barmat	SSG	-	-	-	-	-	-
Remicon	RMC	28	27	29	27	100.0%	93.1%
Arig Tal	EER	3,420	3,301	2,798	2,812	85.2%	100.5%
Niislel-Urguu	NUR	5,377	-	-	3,033	-	-
Erchim Bayan-Ulgii	BOE	749	-	-	-	-	-
Khukh Gan	HGN	75	72	83	87	120.8%	-
Nako Tulsh	NKT	82	-	-	28	-	-

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

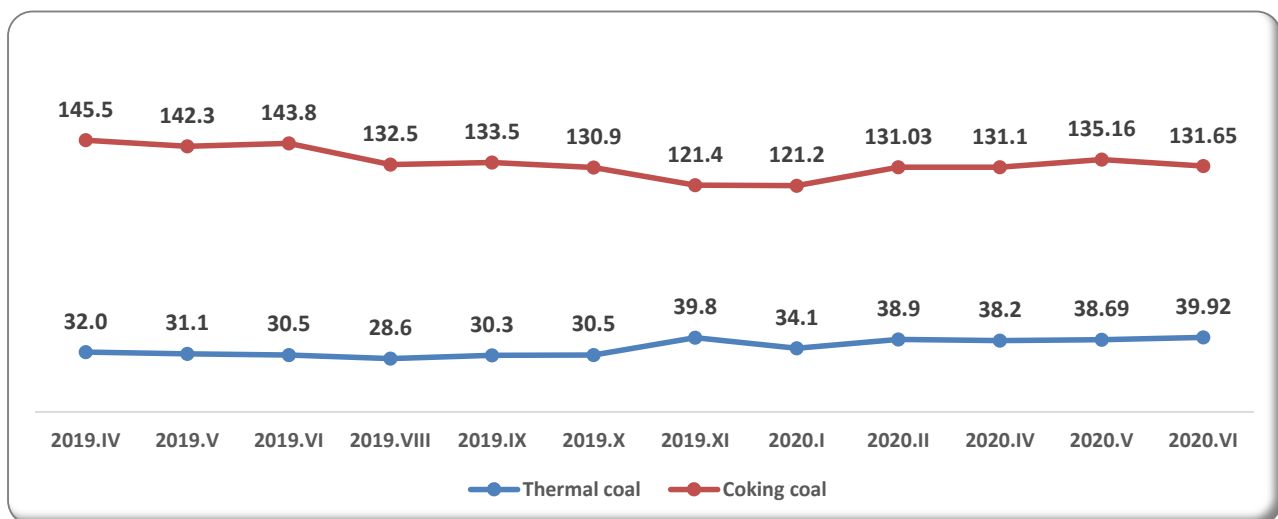
	Striping /ths.m3/	Coal production /ths.tons/	Coal sale /ths.tons/	Coal export /ths.tons/
2015	92,975.0	23,979.0	22,125.0	14,468.0
2016	102,374.3	35,096.5	33,831.7	25,809.3
2017	197,240.8	49,480.3	41,904.6	33,400.1
2018	244,861.2	54,572.3	45,741.9	36,671.4
2019	292,181.7	57,128.8	47,047.8	36,809.1
2020.I-VIII	126,540.6	19,694.7	17,275.0	11,983.9

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

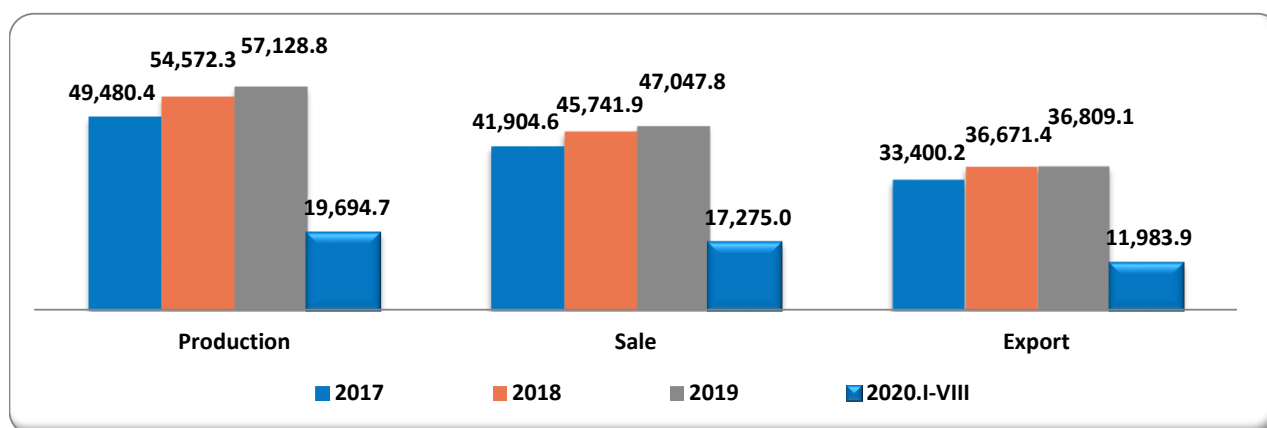
	TOTAL	Export	Local
БҮГД	17,275.0	11,983.9	5,291.1
Washed coking coal	2,503.6	2,503.6	0.0
Raw coking coal	3,859.8	3,859.8	0.0
Weak coking coal	4,623.6	4,623.6	0.0
Thermal coal	996.9	996.9	0.0
Brown coal	5,291.1	0.0	5,291.1

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-VIII	19,694.7	17,275.0	11,983.9
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.VIII 2019.VIII	61.9%	75.9%	75.2%
2020.I-VIII 2019.I-VIII	51.3%	55.5%	47.9%

Source: Coal Research Division, MRPAM

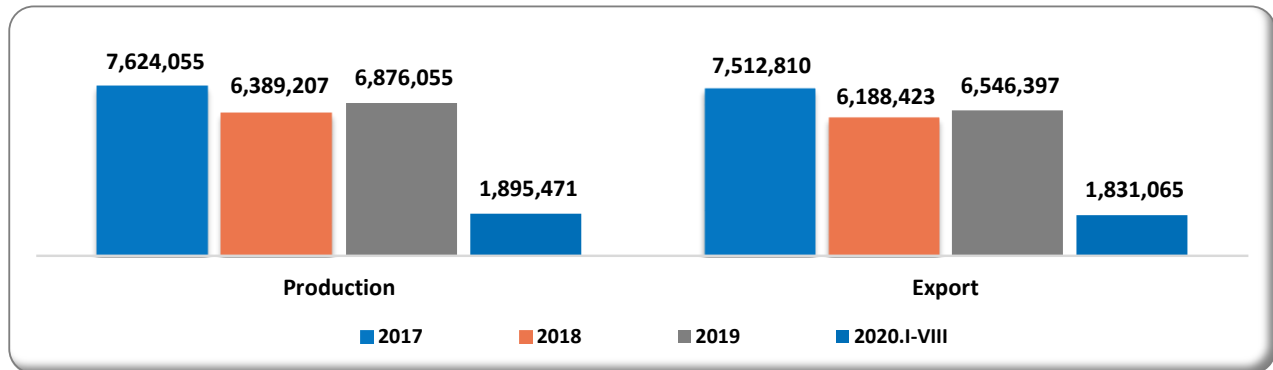
4.6. MINING AND PETROLEUM EXAMINATION AND TESTING CENTRAL LABORATORY, 2020.VIII

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	Erdenes tavan tolgoi	1.5	20.8	25.0	1.09	6477	9.0	94.6
				Tavan tolgoi 4th orifice	1.8	15.4	26.2	0.98	6727	8.5	88.9
		Weak coking	Gashuun sukhait	Tavan tolgoi 8th orifice	3.1	16.0	32.2	1.15	6393	8.0	84.5
				Shivee khuren	Khuren shand	2.7	6.8	34.1	0.41	6679	3.5
			Baruun Noyon		4.3	15.2	29.4	0.43	6516	8.5	95.0
			Khuren tolgoi		5.9	6.8	36.5	0.85	7039	9.0	90.8
			Zamiin Uud	Erdenes tavan tolgoi	2.2	13.7	28.0	1.13	6623	6.5	72.5
			Non coking	Gashuun sukhait	ETT Erchim Khuch	5.8	18.6	27.0	0.73	5659	0.0
		Shivee khuren			Khuren shand	3.2	28.1	34.8	0.93	5443	0.0
				Nariin sukhait SGS	4.6	18.5	39.6	1.09	5812	2.0	49.9
Other	Zamiin Uud	Dalan FShR	10.6	19.3	45.8	1.28	4786	0.0	0.0		
Washed coal	Coal		Yarant	Khushuut	4.8	17.4	19.9	0.58	6636	8.5	90.4
		Non coking	Gashuun sukhait	Ukhaa Khudag	5.3	18.5	22.4	0.79	6373	0.0	0.0

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

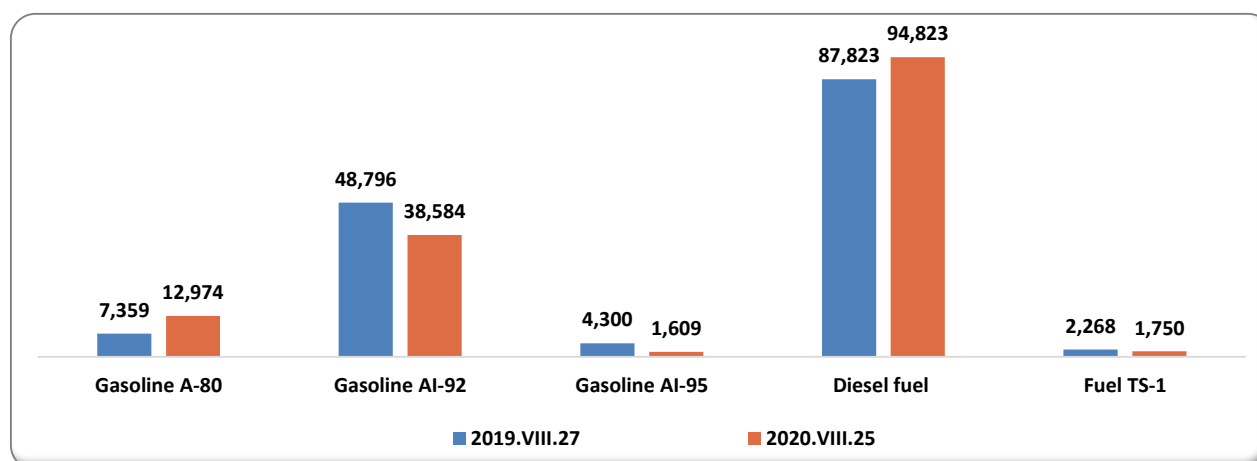
	Production		Export	
	Barrel	Percent	Barrel	Percent
2019	6,876,055	100%	6,546,397	100%
2019.I	586,737	8.5%	533,837	8.2%
2019.II	515,318	7.5%	477,824	7.3%
2019.III	569,607	8.3%	609,105	9.3%
2019.IV	549,449	8.0%	484,692	7.4%
2019.V	565,176	8.2%	521,783	8.0%
2019.VI	575,602	8.4%	549,609	8.4%
2019.VII	601,694	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-VIII	1,895,471	100%	1,831,065	100%
2020.I	375,847	19.8%	287,707	15.7%
2020.II	45,511	2.4%	-	-
2020.III	40,235	2.1%	34,584	1.9%
2020.IV	97,679	5.2%	165,747	9.1%
2020.V	210,454	11.1%	175,757	9.6%
2020.VI	258,256	13.6%	287,314	15.7%
2020.VII	352,651	18.6%	331,286	18.1%
2020.VIII	514,839	27.2%	548,671	30.0%
<u>2020.VIII</u> <u>2019.VIII</u>	87.1%	-	97.2%	-
<u>2020.I-VIII</u> <u>2019.I-VIII</u>	41.6%	-	42.7%	-

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-VIII	1,291,776	40,260	345,483	17,225	548	667,133	16,157	14,307	190,664
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.VIII 2019.VIII	90.4%	121.8%	111.2%	49.0%	51.0%	98.5%	21.2%	148.6%	45.9%
2020.I-VIII 2019.I-VIII	97.0%	86.8%	109.1%	115.1%	65.3%	86.9%	49.0%	52.4%	152.9%

5.4. RESIDUE OF PETROLEUM PRODUCTS, by tons, type and 2019.VIII.27, 2020.VIII.25



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	Нээлтийн үнэ	Хаалтын үнэ
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.VIII.24 2020.VII.28	102.0%	103.8%	102.2%	104.4%

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.VII.28, 2020.VIII.25

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2020.VII.28	2020.VIII.25	<u>2020.VIII.25</u> 2020.VII.28	2020.VII.28	2020.VIII.25	<u>2020.VIII.25</u> 2020.VII.28	2020.VII.28	2020.VIII.25	<u>2020.VIII.25</u> 2020.VII.28	2020.VII.28	2020.VIII.25	<u>2020.VIII.25</u> 2020.VII.28
NATIONAL AVERAGE PRICE	1,463	1,507	103.0%	1,505	1,550	103.0%	2,078	2,078	100.0%	2,137	2,123	99.4%
Western region	1,550	1,600	103.2%	1,590	1,620	101.9%	-	-	-	2,054	1,996	97.2%
Bayan-Ulgii	1,520	1,570	103.3%	1,570	1,520	96.8%	-	-	-	1,890	1,600	84.7%
Govi-Altai	1,500	1,550	103.3%	1,550	1,600	103.2%	-	-	-	2,100	2,100	100.0%
Zavkhan	1,630	1,680	103.1%	1,650	1,700	103.0%	-	-	-	2,180	2,180	100.0%
Uvs	1,530	1,580	103.3%	1,580	1,630	103.2%	-	-	-	2,050	2,050	100.0%
Hovd	1,570	1,620	103.2%	1,600	1,650	103.1%	-	-	-	2,050	2,050	100.0%
Hangai region	1,408	1,443	102.5%	1,446	1,500	103.8%	2,083	2,083	100.0%	2,154	2,157	100.1%
Arkhangai	1,430	1,480	103.5%	1,480	1,530	103.4%	2,140	2,140	100.0%	2,210	2,210	100.0%
Bayankhongor	1,420	1,470	103.5%	1,460	1,510	103.4%	-	-	-	2,220	2,220	100.0%
Bulgan	1,360	1,360	100.0%	1,390	1,470	105.8%	2,050	2,050	100.0%	2,100	2,100	100.0%
Uvurkhangai	1,410	1,460	103.5%	1,460	1,510	103.4%	2,140	2,140	100.0%	2,200	2,200	100.0%
Orkhon	1350-1400	1,400	98.5%-100%	1,400	1,450	103.6%	2,040	2,040	100.0%	2,090	2,110	101.0%
Selenge	1,370	1,420	103.6%	1,420	1,470	103.5%	2,030	2,030	100.0%	2,090	2,090	100.0%
Khuvsgul	1,460	1,510	103.4%	1,510	1,560	103.3%	2,100	2,100	100.0%	2,170	2,170	100.0%
Central region	1,418	1,460	102.9%	1,465	1,515	103.4%	2,050	2,050	100.0%	2,145	2,145	100.0%
Ulaanbaatar	1320-1400	1370-1450	103.6%-103.8%	1320-1420	1400-1470	103.5%-106.1%	2000-2010	2000-2010	100.0%	1800-2090	1900-2150	102.9%-105.6%
Tuv	1,350	1,400	103.7%	1,390	1,440	103.6%	2,020	2,020	100.0%	2,090	2,090	100.0%
Darkhan	1,370	1,420	103.6%	1,420	1,470	103.5%	2,020	2,020	100.0%	2,090	2,090	100.0%
Govisumber	1,420	1,470	103.5%	1,460	1,510	103.4%	2,050	2,050	100.0%	2,150	2,150	100.0%
Dundgovi	1,440	1,490	103.5%	1,490	1,540	103.4%	2,060	2,060	100.0%	2,110	2,110	100.0%
Dornogovi	1,450	1,500	103.4%	1,500	1,550	103.3%	2,050	2,050	100.0%	2,200	2,200	100.0%
Umnugovi	1,480	1,480	100.0%	1,530	1,580	103.3%	2,100	2,100	100.0%	2,230	2,230	100.0%
Zamin Uud	1,477	1,527	103.4%	1,520	1,563	102.9%	2,100	2,100	100.0%	2,193	2,193	100.0%
Eastern region	1,470	1,520	103.4%	1,510	1,560	103.3%	2,100	2,100	100.0%	2,200	2,200	100.0%
Dornod	1,500	1,550	103.3%	1,550	1,600	103.2%	2,150	2,150	100.0%	2,280	2,280	100.0%
Sukhbaatar	1,460	1,510	103.4%	1,500	1,530	102.0%	2,050	2,050	100.0%	2,100	2,100	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

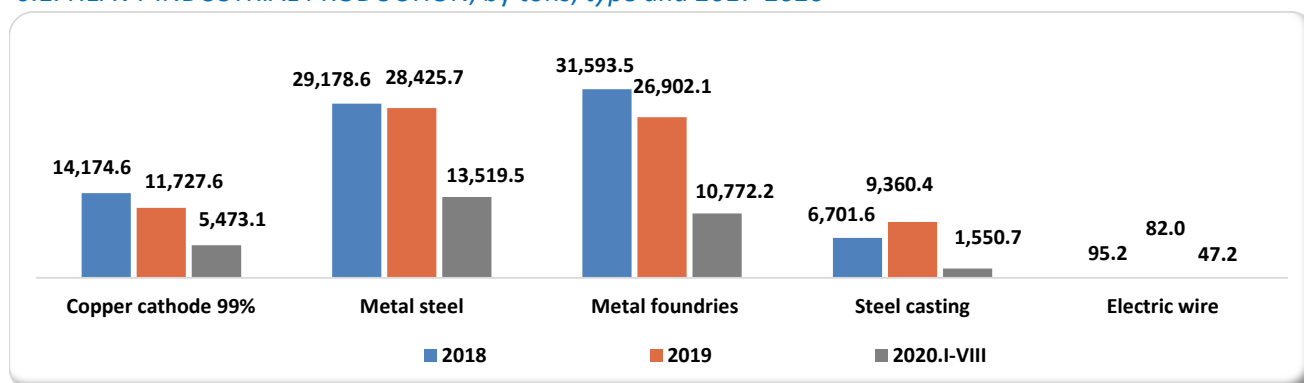
5.7.RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, by MNT/litre, type, and end of month 2018-2020

	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.VIII.25 2020.VII.28	103.0%	102.9%	100.0%	99.3%
2020.VIII.25 2019.VIII.27	81.7%	80.7%	91.9%	87.3%
2020.VIII.25 2018.VIII.28	86.1%	82.1%	96.3%	97.4%

Source: Petroleum Products Division, MRPAM

6 | HEAVY INDUSTRY

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

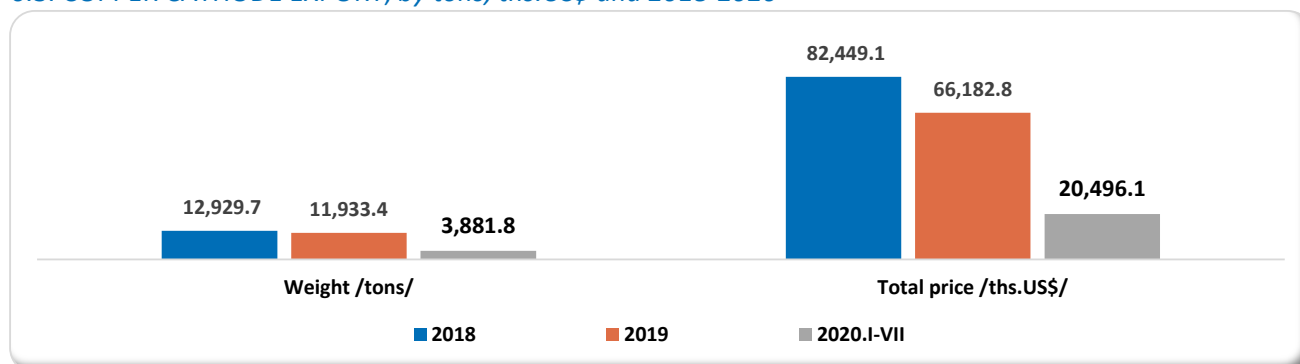


6.2. HEAVY INDUSTRIAL PRODUCTION, by tons, type and months 2019-2020

	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-VIII	5,473.1	13,519.5	10,772.2	1,550.7	47.2
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.VI	693.2	3,294.4	-	0.7	10.6
2020.VII	112.8	805.1	-	0.5	3.7
2020.VIII	683.8	1,203.5	-	0.7	5.4
2020.VIII 2019.VIII	73.4%	149.5%	-	0.1%	-
2020.I-VIII 2019.I-VIII	66.7%	67.4%	53.1%	28.1%	84.1%

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-VII	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.VII	21.4%	-	142.6%	-
2019.VII	75.7%	-	73.6%	-
2020.I-VII	75.7%	-	73.6%	-
2019.I-VII	75.7%	-	73.6%	-

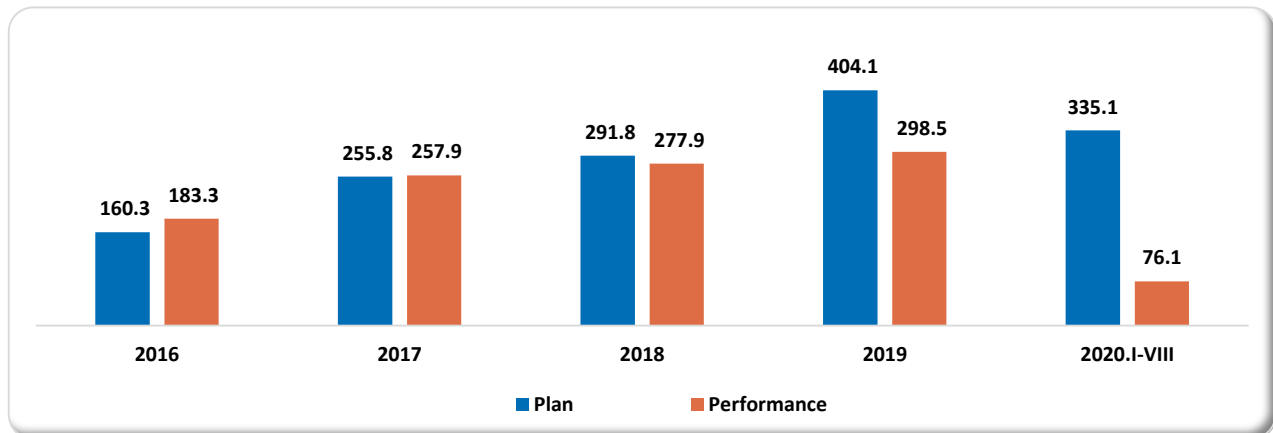
Source: Heavy Industry and Technology Division, MRPAM

7 | STATE BUDGET REVENUE

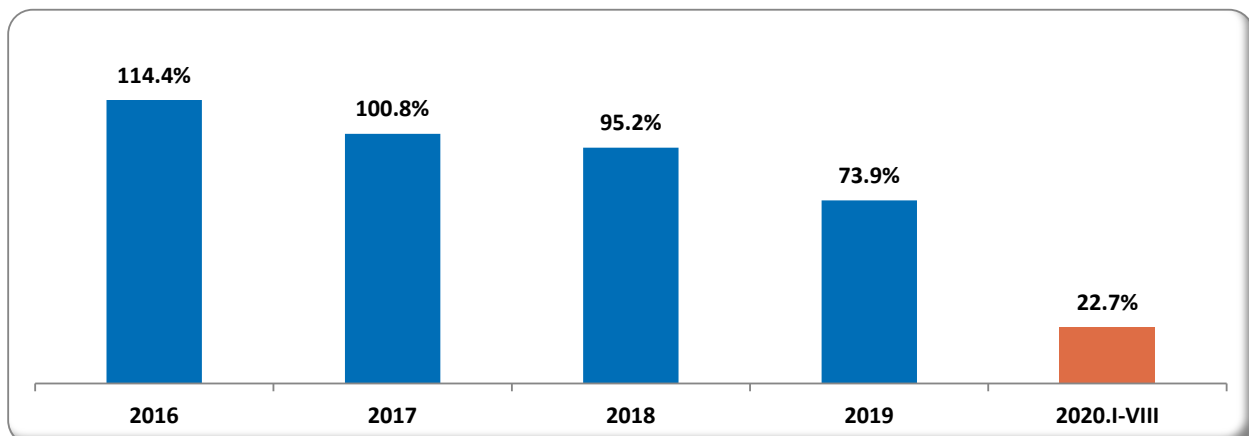
7.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, by million.MNT, income type and 2020

	Plan of 2020	2020.I-VIII	
		Performance	Performance rate
TOTAL	335,100.0	76,103.7	22.7%
License fee	36,000.0	19,551.1	54.3%
Reimbursement	5,000.0	4,062.3	81.2%
Petroleum export revenue	266,000.0	50,261.4	18.9%
Service revenue (petroleum)	7,473.0	1,078.7	14.4%
Service revenue (mineral resources)	6,627.0	1,104.2	16.7%
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



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