



IMPLEMENTING AGENCY OF MONGOLIAN GOVERNMENT
MINERAL RESOURCES AND PETROLEUM AUTHORITY



MINERAL RESOURCES AND PETROLEUM STATISTICS

2019/07



www.mrpam.gov.mn

CONTENTS

- A. KEY INDICATORS..... 3
 - I. CADASTRE 4
 - II. GEOLOGY..... 13
 - III. MINING 16
 - IV. COAL 21
 - V. PETROLEUM 24
 - VI. HEAVY INDUSTRY 29
 - VII. STATE INVESTMENT REVENUE..... 30

A | KEY INDICATORS

Valid mining and exploration licenses **2922** (2019.VIII.03)

Valid licensed area size **7.9 mln.ha** (2019.VIII.03)

Percent of total licensed area in Mongolia's territory **5.0%** (2019.VIII.03)

Average price of gold on the world market **1413.0** US\$/ounce (2019.VII)

Average price of copper on the world market **5939.2** US\$/tons (2019.VII)

Average price of thermal coal on the world market **30.5** US\$/tons (2019.VI)

Average price of coking coal on the world market **143.8** US\$/tons (2019.VI)

Coal production **32954.2** thousand tons (2019.I-VII)

Coal sale **26991.7** thousand tons (2019.I-VII)

Coal export **21609.6** thousand tons (2019.I-VII)

Petroleum production **3962993** barrel (2019.I-VII)

Petroleum export **3725445** barrel (2019.I-VII)

Petroleum import **1191828** tons (2019.I-VII)

Gasoline A-80 national average price **1845** MNT (2019.VII.30)

Gasoline AI-92 national average price **1921** MNT (2019.VII.30)

Gasoline AI-95 national average price **2262** MNT (2019.VII.30)

Diesel fuel national average price **2433** MNT (2019.VII.30)

Copper cathode 99% production **6288,9** tons (2019.I-VI)

Metal steel production **16059,1** tons (2019.I-VI)

Metal foundries production **16429,4** tons (2019.I-VI)

Steel casting production **4231,7** tons (2019.I-VI)

Electric wire production **52,1** tons (2019.I-VI)

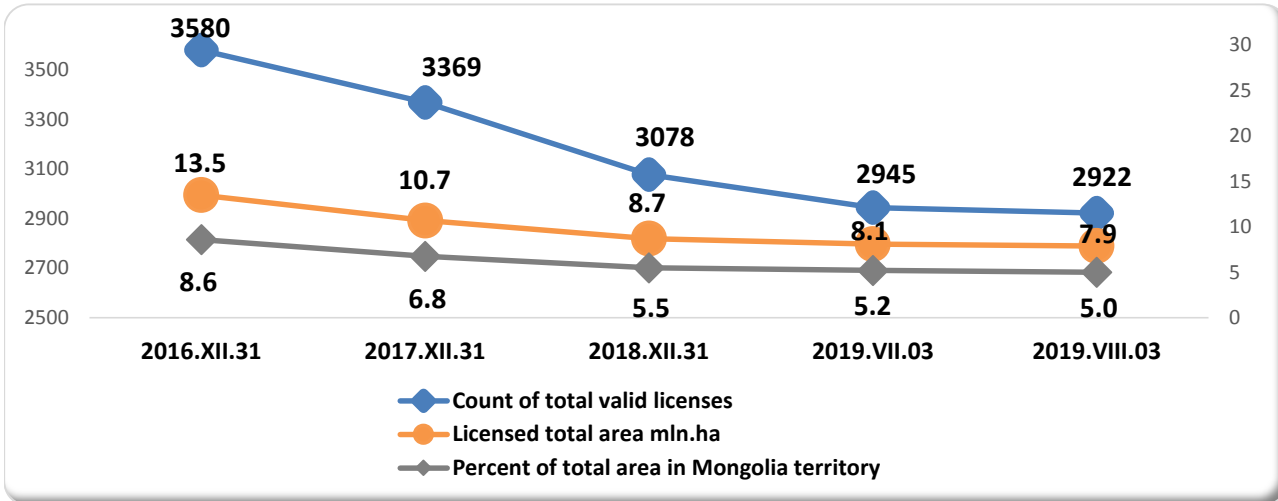
Performance rate of MRPAM's budget revenue **42.8%** (2019.I-VII)

1.1. COUNT OF VALID LICENSES AND AREA SIZE, by provinces, 2019.VIII.03

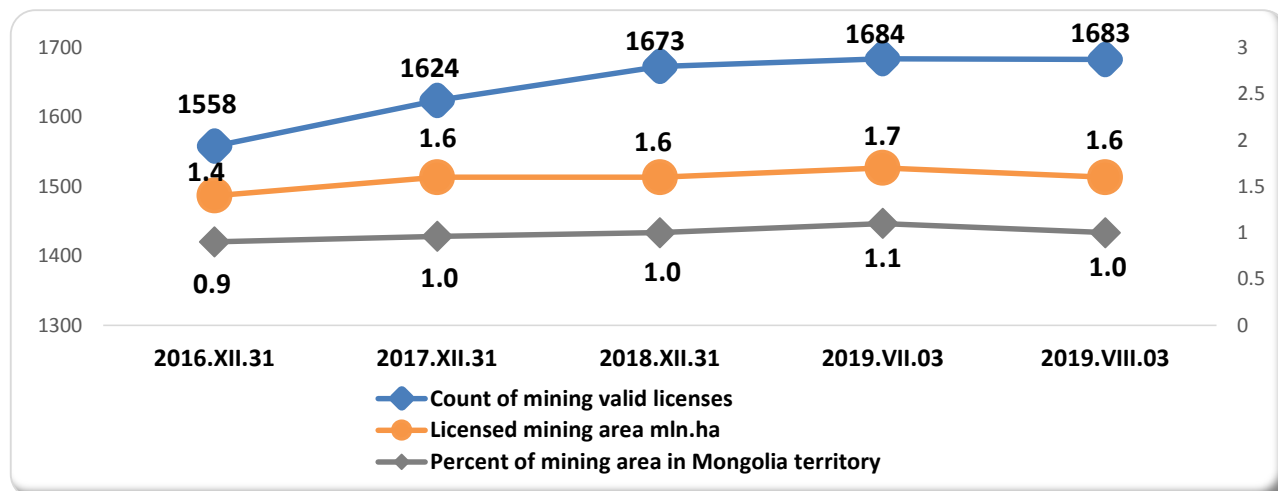
	TOTAL			Of which:					
	Count of Licenses	Area size /ths.ha/	Percent of total territory	Mining			Exploration		
				Count of Licenses	Area size /ths.ha/	Percent of total territory	Count of Licenses	Area size /ths.ha/	Percent of total territory
TOTAL	2922	7,931.1	5.0%	1683	1,638.4	1.0%	1239	6,292.7	4.0%
Arkhangai	35	70.0	1.3%	27	13.0	0.2%	8	56.9	1.0%
Bayan-Ulgii	65	165.3	3.6%	28	15.4	0.3%	37	150.0	3.3%
Bayankhongor	160	411.8	3.6%	91	106.2	0.9%	69	305.6	2.6%
Bulgan	110	136.1	2.8%	73	35.7	0.7%	37	100.4	2.1%
Uvurkhangai	49	138.0	2.2%	28	15.7	0.2%	21	122.3	1.9%
Govi-Altai	153	760.9	5.4%	51	89.3	0.6%	102	671.7	4.7%
Govisumber	18	45.6	8.2%	13	38.9	7.0%	5	6.7	1.2%
Darkhan Uul	73	17.1	5.2%	63	7.8	2.4%	10	9.3	2.8%
Dornogovi	359	1,370.8	12.5%	183	209.8	1.9%	176	1,161.0	10.6%
Dornod	158	506.3	4.1%	75	63.1	0.5%	83	443.2	3.6%
Dundgovi	216	756.9	10.1%	103	177.9	2.4%	113	579.0	7.8%
Zavhan	59	310.5	3.8%	10	15.0	0.2%	49	295.5	3.6%
Umnugovi	198	1,251.0	7.6%	100	486.6	2.9%	98	764.4	4.6%
Orkhon	9	11.1	13.2%	9	11.1	13.2%	0	0.0	0.0%
Sukhbaatar	98	378.1	4.6%	63	49.2	0.6%	35	328.9	4.0%
Selenge	182	97.4	2.3%	142	42.7	1.0%	40	54.7	1.3%
Tuv	404	409.3	5.5%	297	150.6	2.0%	107	258.7	3.5%
Uvs	133	388.1	5.6%	49	21.4	0.3%	84	366.7	5.3%
Ulaanbaatar	172	14.8	3.1%	159	12.2	2.6%	13	2.6	0.5%
Khuvsgul	27	18.6	0.2%	21	10.3	0.1%	6	8.4	0.1%
Khovd	112	295.5	3.9%	35	14.0	0.2%	77	281.5	3.7%
Khentii	226	377.9	4.7%	121	52.7	0.7%	105	325.2	4.0%

Source: Cadastre Division, MRPAM

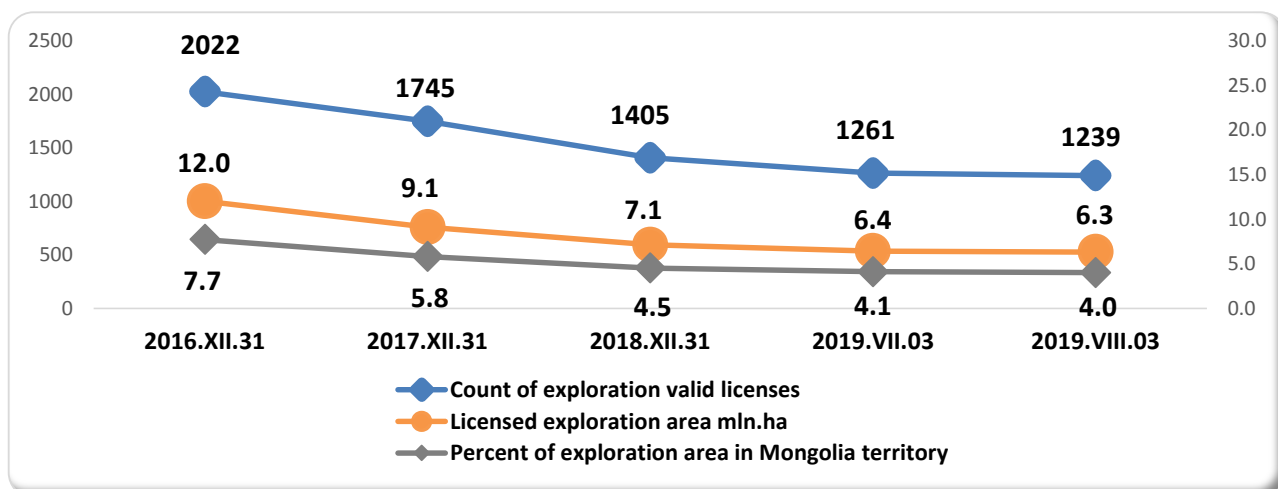
1.2. COUNT OF TOTAL VALID LICENSES, LICENSED TOTAL AREA AND PERCENT OF TOTAL AREA IN MONGOLIA'S TERRITORY, 2016-2019



1.3. COUNT OF VALID MINING LICENSES, MINING LICENSED AREA AND PERCENT OF TOTAL MINING AREA IN MONGOLIA'S TERRITORY, 2016-2019



1.4. COUNT OF VALID EXPLORATION LICENSES, EXPLORATION LICENSED AREA AND PERCENT OF TOTAL EXPLORATION AREA IN MONGOLIA'S TERRITORY, 2016-2019



Source: Cadastre Division, MRPAM

1.5. COUNT OF MINING LICENSE, by type of minerals, 2019.VIII.03

Ашигт малтмалын төрөл	Mining license		Area size	
	Count	Percent	Hectare	Percent
TOTAL	1683	100%	1,638,404.8	100%
Coal	305	18.1%	812,194.3	49.6%
Gold	554	32.9%	241,073.6	14.7%
Copper	20	1.2%	88,746.4	5.4%
Gold, Copper	14	0.8%	85,749.4	5.2%
Uranium	7	0.4%	76,866.1	4.7%
Construction materials	110	6.5%	58,517.2	3.6%
Iron	72	4.3%	45,301.7	2.8%
Fluorite	186	11.1%	28,926.3	1.8%
Concentrated metal	12	0.7%	26,326.3	1.6%
Graphite	7	0.4%	23,893.9	1.5%
Continental / common mineral	202	12.0%	20,229.0	1.2%
Chromium	1	0.1%	15,805.8	1.0%
Molybdenum	7	0.4%	10,146.4	0.6%
Molybdenum, Copper	4	0.2%	9,342.5	0.6%
Tungsten	29	1.7%	8,741.8	0.5%
Manganese	4	0.2%	7,507.0	0.5%
Gold, Silver	2	0.1%	6,699.9	0.4%
Earth rare metal	8	0.5%	5,236.3	0.3%
Molybdenum, Gold, Copper	1	0.1%	5,236.0	0.3%
Gypsum	16	1.0%	5,199.1	0.3%
Lithium	1	0.1%	4,720.2	0.3%
Blue lead	9	0.5%	4,192.3	0.3%
Zinc	6	0.4%	4,057.3	0.2%
Gold, Concentrated metal	3	0.2%	3,578.5	0.2%
Polymetal	4	0.2%	3,269.2	0.2%
Copper, Zinc	1	0.1%	2,899.3	0.2%
Molybdenum, Tungsten	2	0.1%	2,862.3	0.2%
Silicium	2	0.1%	2,673.5	0.2%
Face stone	2	0.1%	2,618.6	0.2%
Wolfram, Tin	1	0.1%	2,316.2	0.1%
Gold, Silver, Concentrated metal	1	0.1%	2,007.4	0.1%
Tin	3	0.2%	1,812.1	0.1%
limestone	5	0.3%	1,792.4	0.1%
Molybdenum, Wolfram	1	0.1%	1,616.9	0.1%
Lanthanum, Cerium	1	0.1%	1,561.3	0.1%
Aluminium	3	0.2%	1,370.9	0.1%
Iron, Concentrated metal	1	0.1%	1,257.3	0.1%
Other	76	4.5%	12,060.5	0.7%

Source: Cadastre Division, MRPAM

1.6. REGISTERED AREA, by mln.ha, overlap, 2019.VIII.03

	Hectare	Percent of total territory
Valid mining licensed area	1.6	1.0%
Valid exploration licensed area	6.3	4.0%
State protected area	32.7	20.9%
Special purpose area	29.8	19.1%
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, 2019.VIII.03

	Count of area		Area size	
	Count	Percent	Hectare	Percent
TOTAL	253	100%	1038.2	100%
Arkhangai	1	0.4%	4.8	0.5%
Bayan-Ulgii	2	0.8%	53.7	5.2%
Bayankhongor	55	21.7%	143.2	13.8%
Bulgan	29	11.5%	126.4	12.2%
Govi-Altai	1	0.4%	5.7	0.6%
Darkhan Uul	6	2.4%	16.6	1.6%
Dornogovi	12	4.7%	59.6	5.7%
Dornod	2	0.8%	26.2	2.5%
Dundgovi	10	4.0%	89.6	8.6%
Uvurkhangai	19	7.5%	35.0	3.4%
Umnugovi	20	7.9%	86.2	8.3%
Selenge	49	19.4%	205.1	19.8%
Tuv	12	4.7%	78.3	7.5%
Ulaanbaatar	5	2.0%	19.0	1.8%
Khovd	1	0.4%	5.3	0.5%
Khentii	29	11.5%	83.7	8.1%

Source: Cadastre Division, MRPAM

1.8. ORIGIN OF LICENSE HOLDERS, 2019.VIII.03

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	1807	2922	7,935,728.5	100%
Mongolian entities	1445	2288	5,789,263.9	73.0%
100% foreign entities	255	441	1,655,975.2	20.9%
Joint foreign entities	107	193	490,489.4	6.2%

1.9. ORIGIN OF LICENSE HOLDERS, by 100% foreign entities, 2019.VIII.03

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	257	444	1,675,669.9	100%
China	131	170	403,852.4	24.10%
Virgin Islands	35	74	198,159.0	11.83%
Singapore	18	64	383,909.5	22.91%
Hong Kong	16	30	146,282.5	8.73%
Canada	12	28	271,100.2	16.18%
South Korea	10	15	34,093.7	2.03%
Australia	6	7	32,354.6	1.93%
Russia	4	5	6,716.0	0.40%
Holland	3	15	106,872.3	6.38%
Luxemburg	2	6	13,528.2	0.81%
United States of America	2	4	3,167.8	0.19%
Bermud	2	3	7,314.3	0.44%
Japan	2	3	3,015.1	0.18%
Germany	2	2	603.9	0.04%
Kazakhstan	1	1	136.5	0.01%
Russia, South Korea	1	1	118.2	0.01%
Malaysia	1	2	2,416.5	0.14%
New Zealand	1	2	153.5	0.01%
Russia, China	1	1	47.5	0.00%
United States of America, China	1	1	837.1	0.05%
Virgin Islands, Singapore	1	3	10,163.7	0.61%
Barbados	1	3	10,040.0	0.60%
Great Britain	1	1	450.6	0.03%
Bulgaria	1	1	3,700.9	0.22%
Ukraine	1	1	245.0	0.01%
Luxemburg, Seychelles	1	1	36,391.0	2.17%

Source: Cadastre Division, MRPAM

1.10. ORIGIN OF LICENSE HOLDERS, by joint foreign entities, 2019.VIII.03

	Holder	License	Area size	
	Count	Count	Hectare	Percent
TOTAL	107	193	490,489.4	100%
Mongolia, China	52	79	119,099.7	24.3%
Mongolia, South Korea	10	17	44,048.4	9.0%
Mongolia, Russia	7	8	1,034.2	0.2%
Mongolia, Virgin Islands	6	10	35,233.8	7.2%
Mongolia, Japan	5	32	82,825.2	16.9%
Mongolia, Czech Republic	4	7	52,526.3	10.7%
Mongolia, Singapore	4	8	30,275.1	6.2%
Mongolia, Germany	4	5	13,260.1	2.7%
Mongolia, Great Britain	2	4	12,989.7	2.6%
Mongolia, Canada	1	1	3,957.7	0.8%
Mongolia, Singapore, Hong Kong	1	1	1,469.5	0.3%
Mongolia, Poland	1	1	1,561.3	0.3%
Mongolia, Russia, Ukraine	1	1	46.9	0.0%
Mongolia, Hong Kong	1	6	13,737.6	2.8%
Mongolia, Canada, China	1	1	6,352.8	1.3%
Mongolia, Hong Kong, Japan	1	3	43,809.3	8.9%
Mongolia, Bulgaria	1	3	1,083.7	0.2%
Mongolia, United States of America, Virgin Islands, South Korea	1	1	3,766.7	0.8%
Macao, Mongolia, Hong Kong	1	2	18,260.9	3.7%
Kazakhstan, Mongolia	1	1	1,789.4	0.4%
Mongolia, Luxemburg	1	1	3,273.9	0.7%
Mongolia, Hungary	1	1	87.4	0.0%

Source: Cadastre Division, MRPAM

1.11. PLEDGING LICENSES BY BANK, NON-BANK FINANCIAL INSTITUTE, 2019.VIII.03

	License		Area	
	Count	Percent	Hectare	Percent
TOTAL	243	100%	271,843.6	100%
Trade and Development Bank	31	12.8%	13,815.1	5.1%
Development Bank of Mongolia	24	9.9%	16,714.7	6.1%
Golomt Bank	31	12.8%	26,989.8	9.9%
Ulaanbaatar City Bank	18	7.4%	13,365.5	4.9%
HAAN Bank	13	5.3%	2,647.4	1.0%
Capital Bank	12	4.9%	1,542.2	0.6%
XAC Bank	11	4.5%	2,616.7	1.0%
Golomt, Saving, Zoos, Anod Banks	11	4.5%	80,891.6	29.8%
Anod Bank	9	3.7%	7,355.5	2.7%
Chinggis Khan Bank	8	3.3%	3,247.7	1.2%
European Bank for Reconstruction and Development	7	2.9%	2,658.5	1.0%
Capitronbank	5	2.1%	1,431.0	0.5%
GSB capital BBSB	5	2.1%	10,154.3	3.7%
State Bank	4	1.6%	570.6	0.2%
National Investment Bank	4	1.6%	1,247.2	0.5%
Transport Development bank	3	1.2%	1,670.1	0.6%
Bogd bank	3	1.2%	154.0	0.1%
Triple flag mining finance Bermuda Ltd	3	1.2%	13,017.0	4.8%
Saving bank	3	1.2%	10,911.8	4.0%
Bank of China	5	2.1%	1,027.2	0.4%
Khutult nomgon	3	1.2%	294.2	0.1%
Export-Import Bank of China	3	1.2%	1,092.0	0.4%
World Gold	2	0.8%	2,194.9	0.8%
First lithium Corporation	2	0.8%	17,131.1	6.3%
Erel bank	2	0.8%	150.3	0.1%
Zoos Bank	2	0.8%	19,298.9	7.1%
Other	19	7.8%	19,654.4	7.2%

Source: Cadastre Division, MRPAM

1.12. LIST OF LICENSE HOLDERS WITH 10 AND ABOVE LICENSES, 2019.VIII.03

No	Name of entity	Count of license	Area size /hectare/	Company type	Nationality
1	Mongolroscvetmet	26	15,086.0	mongolian legal entity	Mongolia
2	Chinggis world mining	25	72,617.6	joint venture with foreign investment	Mongolia, Japan
3	Mongolyn alt Mak	23	60,249.8	mongolian legal entity	Mongolia
4	Gacuurt	17	9,557.3	mongolian legal entity	Mongolia
5	Caina investment mongolia	15	207,645.0	Entity with 100% foreign investment	Singapore
6	Golden east mongolia	15	67,611.2	Entity with 100% foreign investment	Virgin Islands
7	Olon-Ovoot gold	14	90,111.6	mongolian legal entity	Mongolia
8	Khunnu govi altai	12	2,206.7	mongolian legal entity	Mongolia
9	Gobi Coal and Energy	11	6,988.5	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
12	Erel	10	10,960.9	mongolian legal entity	Mongolia
13	MAK cement	10	3,854.8	mongolian legal entity	Mongolia

1.13. LIST OF LICENSE HOLDERS WITH 100'000 AND ABOVE LICENSED AREA SIZE, 2019.VIII.03

No	Name of entity	Count of license	Area size /ha/	Company type	Nationality
1	Caina investment mongolia	15	207,645.0	100% foreign invested entity	Singapore
2	Mongol uranium resource	2	191,728.6	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, 2016-2019

	2016	2017	2018	2019.I-VI	2019.I-VII
TOTAL	613	813	1187	452	524
New license	131	288	226	116	157
Mining	103	65	78	31	42
Exploration	0	0	0	0	0
Tender	28	223	148	85	115
Extension of exploration license	173	231	657	248	261
Transfer	139	153	157	28	34
Mining	49	78	25	10	14
Exploration	90	75	132	18	20
Pledge	33	37	61	12	14
Mining	30	32	58	12	14
Exploration	3	5	3	0	0
Surrender	137	104	86	48	58
Mining	26	14	12	5	5
Exploration	111	90	74	43	53

1.15. CHANGES IN LICENSE REGISTRATION, by license type, 2016-2019

	2016	2017	2018	2019.I-VI	2019.I-VII
New license	750	151	85	75	87
Mining	93	77	61	31	35
Exploration	629	41	5	0	0
Tender	28	33	19	44	52
Surrendered	166	97	91	35	55
Mining	25	13	11	5	5
Exploration	141	84	80	30	50
Canceled	241	237	181	92	101
Mining	37	35	33	25	27
Exploration	204	202	148	67	74
Expired	124	176	209	127	137
Transferred	146	136	172	33	41
Mining	50	62	38	12	14
Exploration	96	74	134	21	27
Extended	167	162	566	261	279
Pledged	29	39	56	11	13
Mining	27	34	53	11	13
Exploration	2	5	3	0	0
Terminated pledges	16	39	27	9	12
Mining	12	38	26	9	12
Exploration	4	1	1	0	0
Re-issue of license documents	35	26	40	6	6
Mining	15	19	13	3	3
Exploration	20	7	27	3	3

Source: Cadastre Division, MRPAM

2.1. GEOLOGICAL SURVEY CONDUCTED AT EXPENSE OF THE STATE BUDGET, *by mln MNT, type of work, 2016-2019*

	2016		2017		2018		2019.I-VI	
	mln.tug	perform ance	mln.tug	performa nce	mln.tug	performa nce	mln.tug	performa nce
TOTAL	9,341.1	100%	12,255.1	91.8%	13,335.0	100%	10,068.5	40.9%
1:200000 scale geological map	642.7	100%	482.3	100%	408.5	100%	394.4	1.6%
1:50000 scale geological map, general survey	4,975.8	100%	5,355.9	100%	4,692.7	100%	2,945.2	12.0%
Thematic work	3,476.1	100%	6,274.6	80.8%	8,144.1	100%	6,593.7	26.8%
Collaborative projects	246.6	100%	142.4	100%	90.0	100%	135.2	0.5%

2.2. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, *by mln.MNT, type work, 2013-2017*

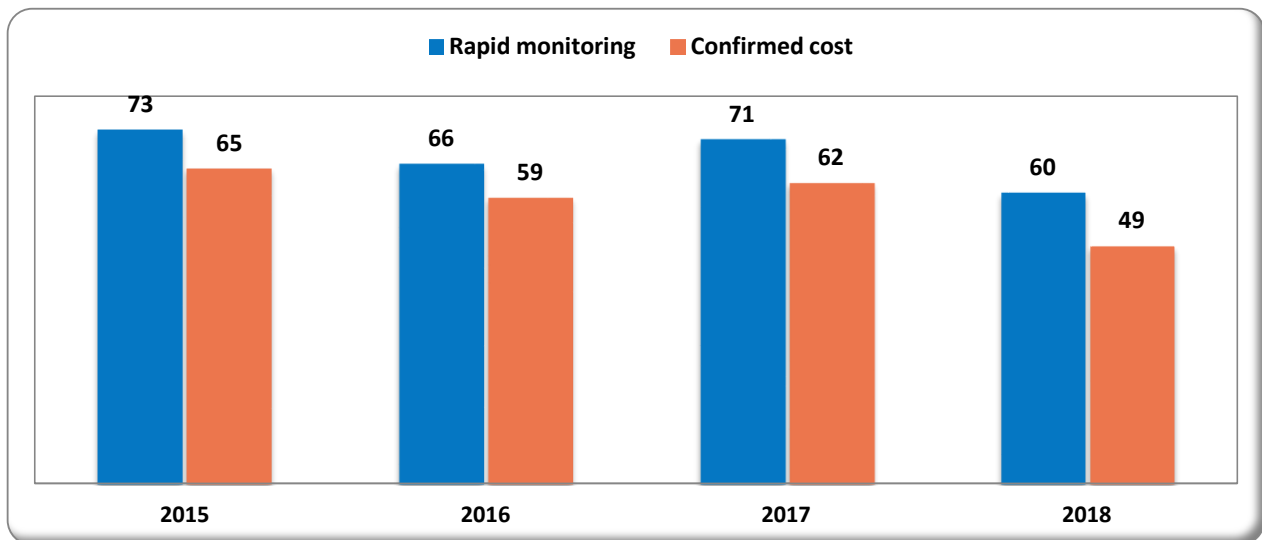
	2013	2014	2015	2016	2017	2017 оны дүнд эзлэх хувь
TOTAL	150,095.8	160,421.9	107,238.5	190,260	130,586.6	100%
Preparation	3,842.3	3,146.2	2,998.7	8,924.2	3,615.2	2.8%
Mapping	2,328.8	3,006.8	2,314.2	5,815.3	1,886.1	1.4%
Geological survey	2,530.5	2,535.4	2,789.2	6,383.5	2,334.6	1.8%
Sampling	2,659.3	2,259.7	2,047.1	32,645.9	80,896.6	61.9%
Geophysical work	13,427.2	12,413.9	10,716.5	9,826.5	15,008.9	11.5%
Mining	2,530.8	4,887.8	2,784.2	1,697.1	-	-
Drilling	82,575.7	86,233.0	49,794.5	68,917.0	5,825.9	4.5%
Geochemical work	2,133.4	746.0	779.1	-	-	-
Laboratory	10,889.8	10,490.8	6,710.6	8,833.1	11,413.4	8.7%
Topogeodetic work	1,880.4	1,357.9	1,638.3	2,248.6	5,518.1	4.2%
Hydrogeological work	751.6	2,781.3	2,549.9	1,174.1	943.7	0.7%
Transport	5,182.5	3,780.9	3,112.8	17,331.0	341.4	0.3%
Indoor, laboratory investigation	11,233.7	21,563.1	11,055.0	11,685.7	1,120.4	0.9%
Environment reclamation	1,382.0	2,015.8	1,749.6	1,346.9	348.3	0.3%
Field sampling	416.6	1,484.7	1,246.9	2,101.3	929.4	0.7%
Geomorphology	25.3	-	20.6	-	-	-
Archeology	528.3	123.0	96.8	231.2	162.2	0.1%
Paleontology	448.9	88.3	43.3	-	-	-
Other	5,328.7	1,506.9	4,791.0	11,098.5	242.4	0.2%

Source: Geology and Exploration Division, MRPAM

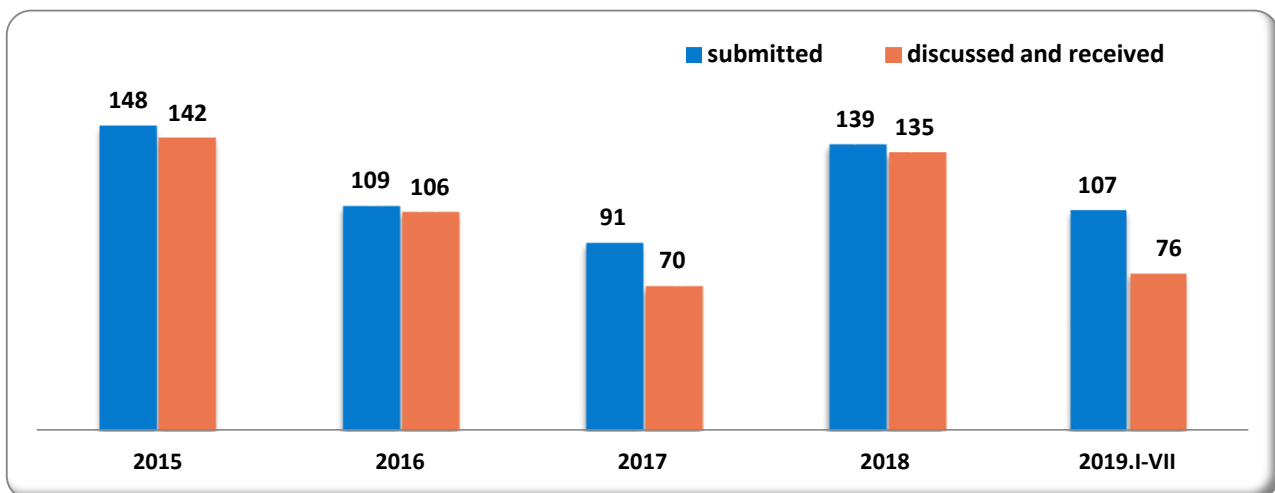
2.3. ANNUAL EXPLORATION PLAN, REPORT SUBMITTED AND NUMBER OF OF LICENSES CERTIFIED FOR EXPLORATION EXPENDITURE, 2015-2019

	2015	2016	2017	2018	2019
Plan attendance	97.2%	85.3%	98.6%	98.8%	95.0%
Report attendance	69.9%	83.0%	88.5%	84.6%	-
Minimum review of exploration expenditure report	97.0%	99.7%	98.0%	87.0%	-
Cost of financial statements	91.7%	94.9%	90.8%	80.0%	-

2.4. SPECIAL RAPID TRACKING FOR GEOLOGICAL EXPLORATION PERMITS AND NUMBERS, 2015-2018



2.5. RECEIVED EXPLORATION REPORT, 2015-2019

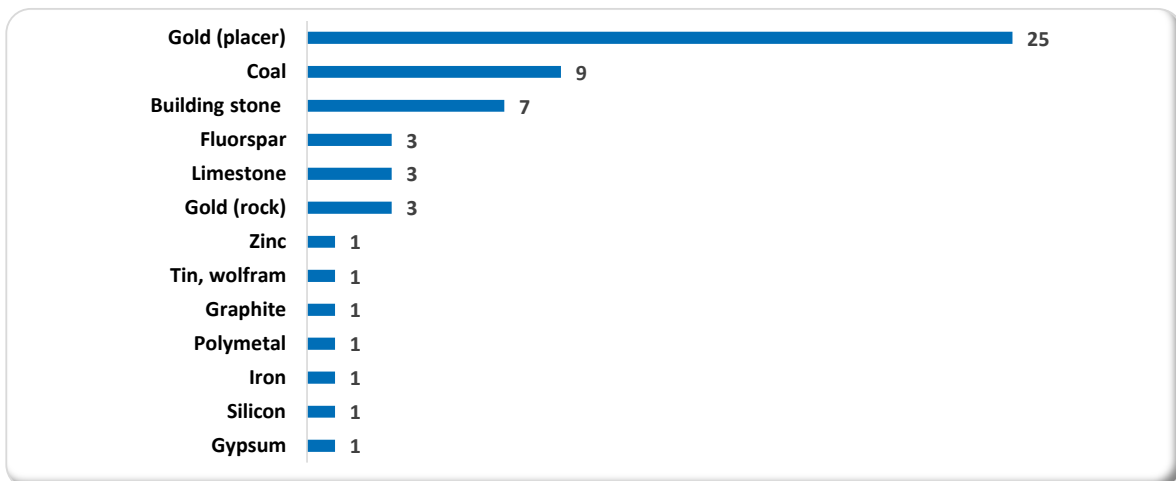


Source: Geology and Exploration Division, MRPAM

2.6. MINERAL RESOURCE RESERVES REGISTERED IN THE STATE'S INTEGRATED REGISTRATION, 2018-2019

	Unit	2018		2019.I-VII	
		ore	metal	ore	metal
Gold (rock)	ths.t/kg	6,537.9	18,697.9	42,452.5	51,353.3
Gold (placer)	kg	5,140.2	4,600.6	3,290.5	2,934.5
Iron	ths.t	44,969.8	18,287.9	12,800.7	4,160.2
Polymetal	ths.t	167,692.3	-	8,633.7	-
Copper	t	-	51,909.0	-	1,284.8
Zinc	t	-	1,174,190.0	-	78,842.5
Blue lead	t	-	606,274.0	-	18,685.2
Gold	kg	-	512,904.0	-	-
Silver	t	-	132,224.9	-	62.1
Tin (placer)	t	-	-	-	547.7
Tungsten (placer)	t	-	-	-	75.4
Tungsten	ths.t	36.6	1.4	-	-
Rare earth elements	ths.t	356.80	125.16	-	-
Copper Molybdenium	ths.t	55,871.20	-	-	-
Copper	t	-	149.1	-	-
Molybdenium	t	-	2.2	-	-
Fluorspar	ths.t	6,932.0	1,239.1	1,553.8	681.0
Uranium	ths.t	51,583.2	15.5	-	-
Zinc	ths.t	-	-	3,273.9	-
Zinc	ths.t	-	-	-	308.6
Blue lead	ths.t	-	-	-	16.28
Silver	kg	-	-	-	87.83
Iron	ths.t	-	-	-	636.7
Coal	mln.t	9,662.7	-	4,929.0	-
Silicon	ths.t	-	-	182.1	-
Limestone	mln.t	52.7	-	2.3	-
Building stone	ths.t	-	-	164,740.3	-
Graphite	ths.t	-	-	347.4	-
Gypsum	ths.t	-	-	683.3	-
Mud	ths.m3	-	-	628.2	-
Sand gravel	ths.m3	-	-	3758.9	-
Marble	ths.m3	-	-	63,987.8	-

2.7. DEPOSIT DELIVERED TO THE STATE REGISTRATION OF MINERAL RESERVES, 2019.I-VI



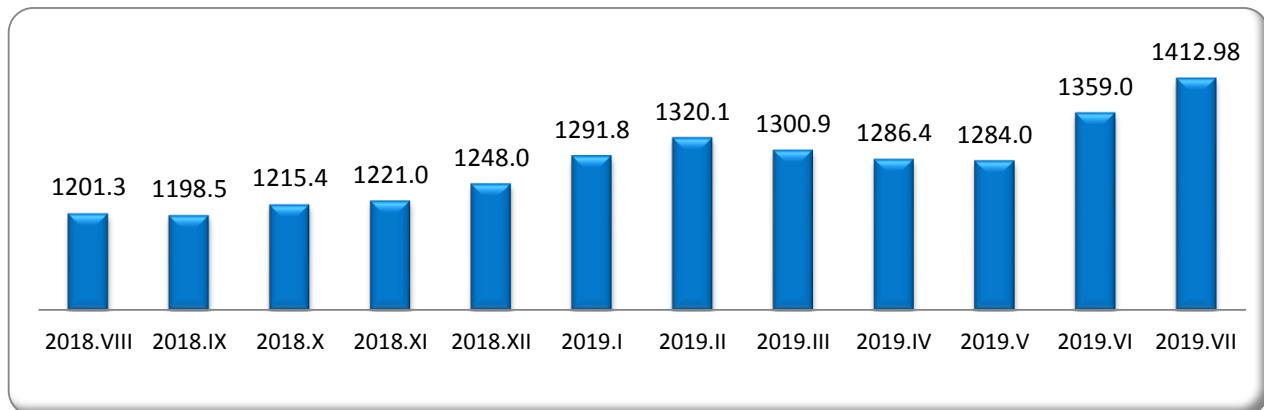
Source: Geology and Exploration Division, MRPAM

3 | MINING

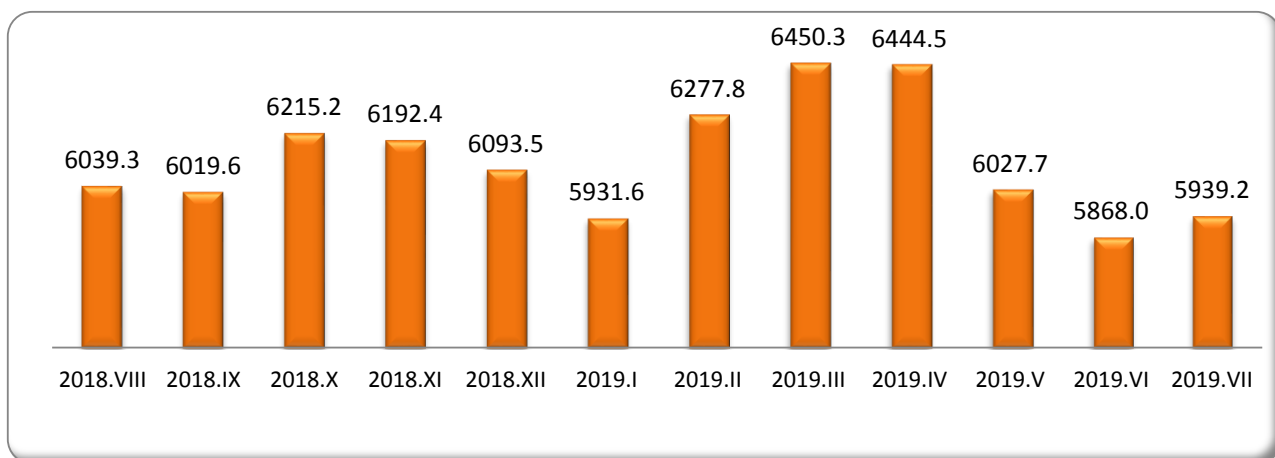
3.1. AVERAGE OF COMMODITY PRICES ON THE WORLD MARKET, 2018-2019

	Unit	2018.VII	2018	2019.VI	2019.VII	$\frac{2019.VII}{2018.VII}$	$\frac{2019.VII}{2019.VI}$
Gold	\$/ounce	1,238.5	1,269.4	1,359.0	1,413.0	114.1%	104.0%
Silver	\$/ounce	15.7	15.8	15.0	15.7	100.2%	105.0%
Copper	\$/tons	6,247.6	6,508.1	5,868.0	5,939.2	95.1%	101.2%
Zinc	\$/tons	2,658.2	2,895.6	2,601.6	2,441.0	91.8%	93.8%
Blue lead	\$/tons	2,212.4	2,237.3	1,891.0	1,973.5	89.2%	104.4%
Tin	\$/tons	19,689.3	19,954.6	19,163.3	17,981.2	91.3%	93.8%
Molybdenum	\$/tons	25,000.0	23,075.4	24,510.0	23,553.9	94.2%	96.1%
Tungsten	\$/tons	43,300.0	41,640.0	34,080.0	30,160.0	69.7%	88.5%
Iron ore	\$/tons	43.7	39.6	84.2	93.0	212.8%	110.5%
Fluorite concentrate AG-97	\$/tons	490.0	486.0	425.0	425.0	86.7%	100.0%
Fluorite ore MG-85	\$/tons	360.0	365.0	300.0	300.0	83.3%	100.0%

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

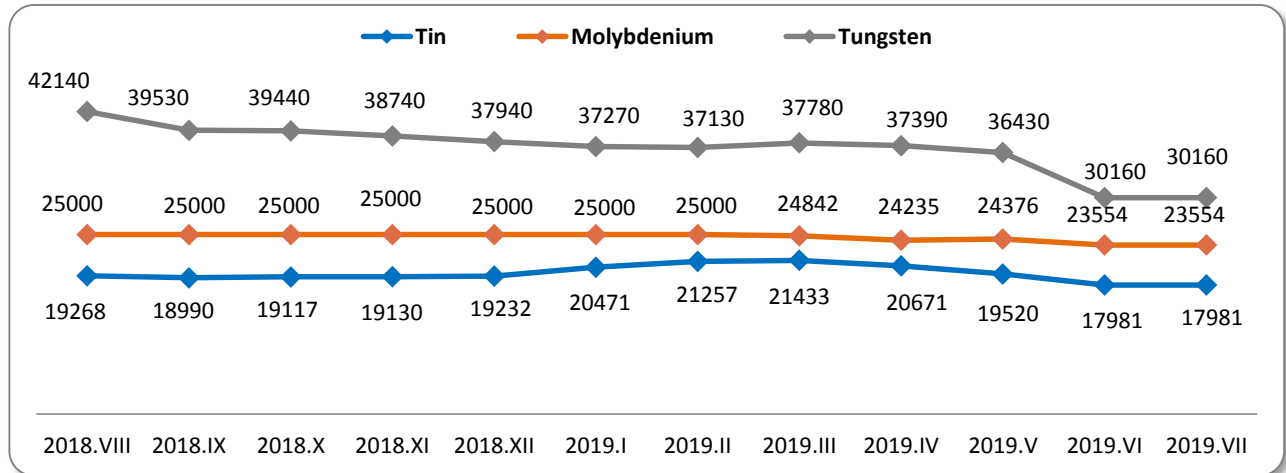


3.3. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, by US\$/tons, last 12 months

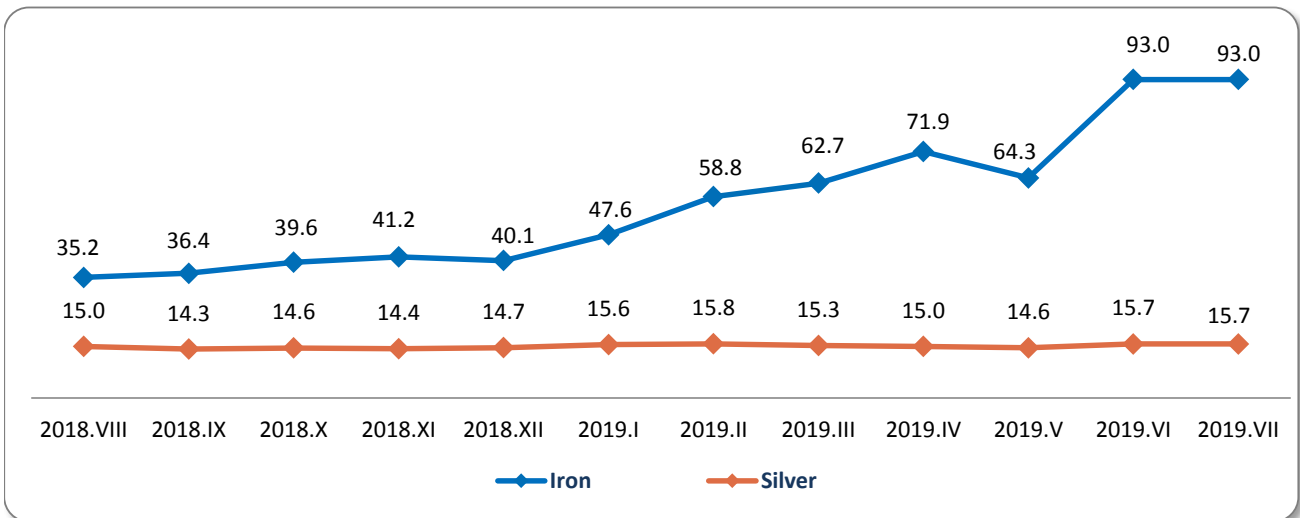


Source: www.kitco.com, www.westmetall.com, www.lme.com, www.asianmetal.com, www.lndmin.com, www.umetal.com www.sxcoal.com

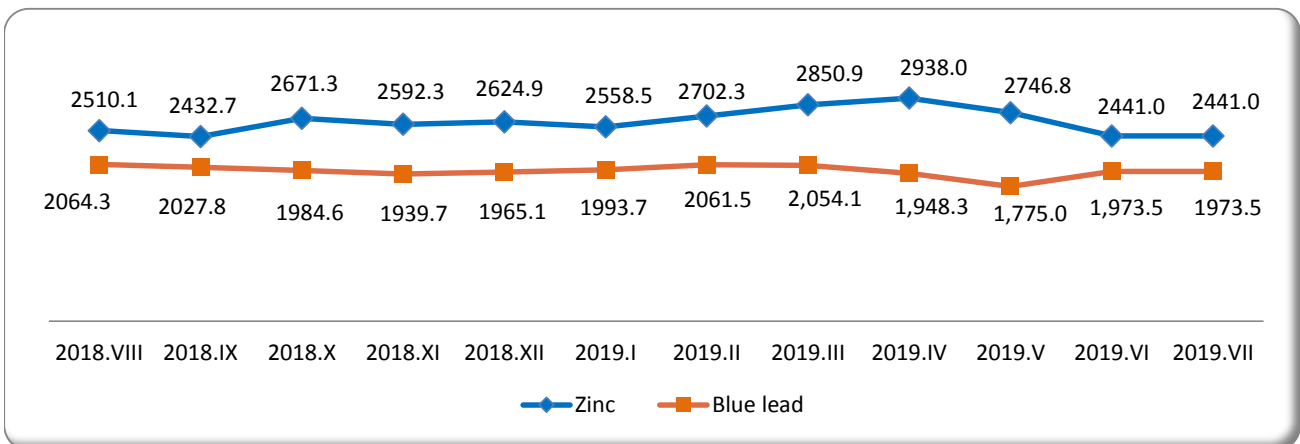
3.4. AVERAGE PRICE OF TIN, MOLYBDENIUM AND TUNGSTEN ON THE WORLD MARKET, by US\$/tons, last 12 months



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



3.6. AVERAGE PRICE OF ZINC AND BLUE LEAD ON THE WORLD MARKET, by US\$/tons, 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, 2018-2019

	Stock exchange	Symbol	Currency	Price						Market value /2019 VIII.06/
				2018.VII	2018	2019.VI	2019.VII	<u>2019.VII</u> 2018.VII	<u>2019.VII</u> 2019.VI	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	2.843	2.591	1.221	0.849	29.9%	69.5%	1.01B
Peabody Energy Corporation	NYQ	BTU	USD	44.19	39.303	23.166	22.934	51.9%	99.0%	1.86B
Rio Tinto plc	LSE	RIO.L	GBP	4095	3,895.5	4,704.2	4,798.1	117.2%	102.0%	71.51B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	0.129	0.155	0.126	0.129	100.0%	102.4%	229.51M
Mongolian Mining Corporation	HKG	0975.HK	HKD	0.119	0.171	0.105	0.102	85.7%	97.1%	957.14M
South Gobi Resources Ltd.	HKG	1878.HK	HKD	0.962	1.017	1.088	1.019	105.9%	-	236.43M
Centerra Gold Inc.	TOR	CG.TO	CAD	6.249	6.276	8.667	10.196	163.2%	117.6%	3.28B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.38	0.367	0.202	0.205	53.9%	101.5%	45.13M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.584	0.536	0.416	0.37	63.4%	88.9%	56.83M
Prophecy Development Corp.	TOR	PCY.TO	CAD	2.137	2.015	0.188	0.179	8.4%	95.2%	16.29M
Steppe Gold Ltd	TOR	STGO.TO	CAD	1.291	1.145	0.69	0.85	65.8%	123.2%	39.05M
Kincora Copper Limited	VAN	KCC.V	CAD	0.155	0.159	0.101	0.128	82.6%	126.7%	14.85M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.02	0.017	0.01	-	-	-	-
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.162	0.177	0.059	0.051	31.5%	86.4%	37.18M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.023	0.018	0.016	0.016	69.6%	100.0%	53.23M
Haranga Resources Limited	ASX	HAR.AX	AUD	-	0.003	-	-	-	-	-
Tian Poh Resources Limited	ASX	TPO.AX	AUD	-	0.082	0.09	-	-	-	-
Banpu Public Company Limited	SET	BANPU.BK	THB	20.41	19.856	14.79	14.605	71.6%	98.7%	71.23B
Petro Matad Limited	LSE	MATD.L	GBP	9.216	8.608	6.975	7.861	85.3%	112.7%	42.05M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	0.01	0.012	-	-	-	-	-

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, 2018-2019

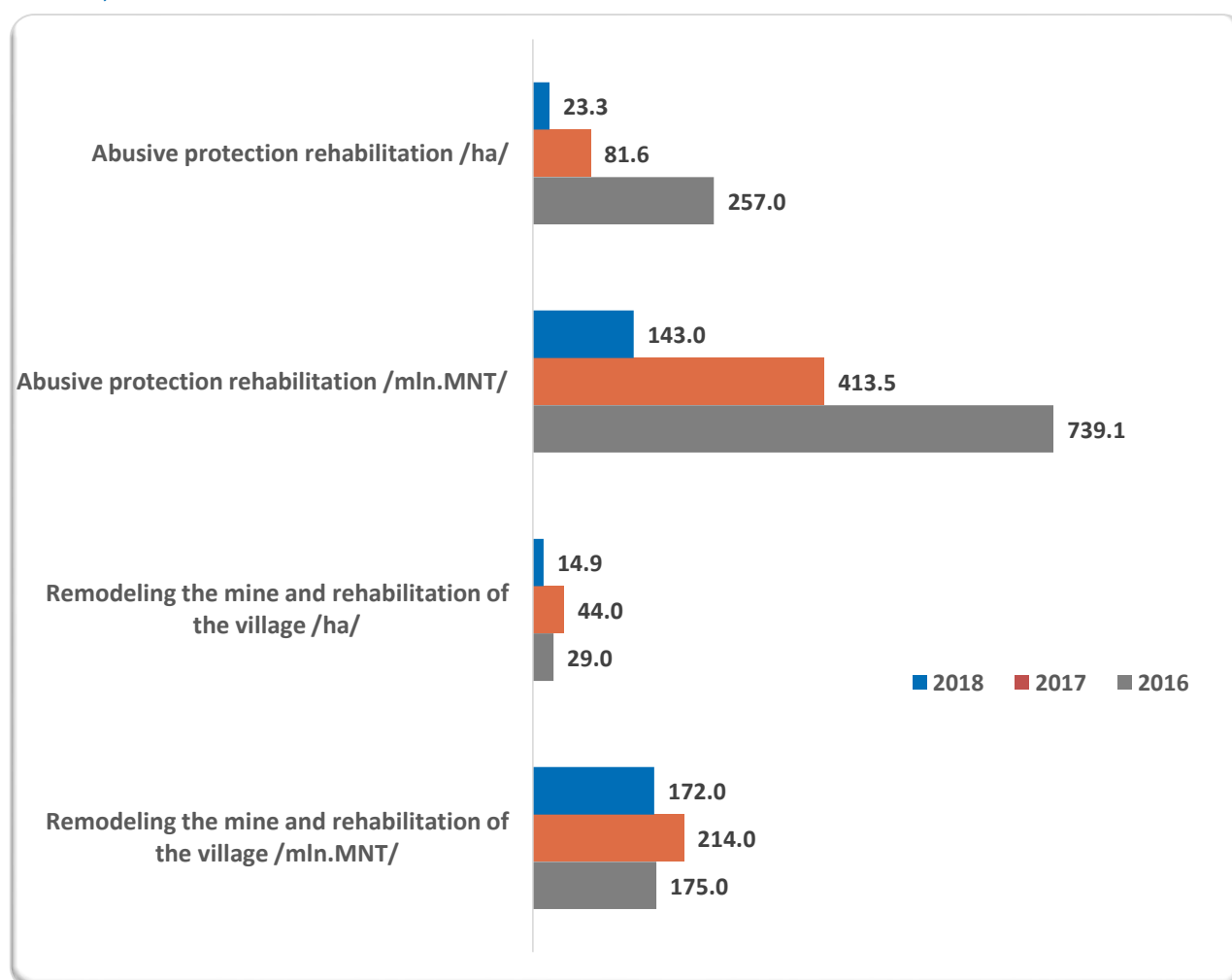
	Symbol	Price					
		2018.VII	2018	2019.VI	2019.VII	$\frac{2019.VII}{2018.VII}$	$\frac{2019.VII}{2019.VI}$
Tavantolgoi	TTL	9281	9059	6981	7210	77.7%	103.3%
Baganuur	BAN	1908	1867	1030	1000	52.4%	97.1%
Shivee-Ovoo	SHV	2056	2,087	1,818	2255	109.7%	124.0%
Aduunchuluun	ADL	2271	2534	1655	1596	70.3%	96.4%
Shariin Gol	SHG	2135	2261	1583	1584	74.2%	100.1%
Erdene Resource Development Corporation	ERDN	633	605	480	481	-	100.2%
Mogoin gol	BDL	7500	7666	7041	7795	103.9%	110.7%
Bayanteeg	BTG	-	13919	20640	20640	-	100.0%
Berkh-Uul	BEU	676	802	-	500	-	-
Khar Tarvagatai	TVT	-	10545	-	-	-	-
Taliin Gal	TAL	-	15	-	-	-	-
Mongol Basalt	MBW	385	345	287	327	84.9%	113.9%
Mongol Ceramic	KEK	-	21000	-	-	-	-
Silikat	SIL	160	152	90	-	-	-
Sonsgolon barmat	SSG	-	891	-	-	-	-
Remicon	RMC	39	37	29	29	74.4%	100.0%
Arig Tal	EER	3600	3631	3333	3300	91.7%	99.0%
Niislel-Urguu	NUR	-	9600	5015	4000	-	-
Erchim Bayan-Ulgii	BOE	-	-	-	-	-	-
Khukh Gan	HGN	107	90	81	82	76.6%	101.2%
Nako Tulsh	NKT	150	135	84	65	-	77.4%

Source: www.mse.mn

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

	Unit	2014	2015	2016	2017	2018
Area covered by mining	ha	1560.7	871.0	703.5	1002.3	584.0
Rehabilitated area	ha	959.6	750.0	876.4	677.2	608.0
Expenses for rehabilitation	mln.MNT	9211.6	4019.0	2167.2	2966.4	2772.5
Area covered by technical rehabilitation	ha	523.1	589.0	954.0	698.5	560.0
Area covered by biological rehabilitation	ha	322.0	320.0	718.0	595.8	570.0
Environmental expenses	mln.MNT	11683.1	3771.0	5180.0	5155.0	2005.0

3.10. ABUSIVE PROTECTION REHABILITATION AND REMODELING THE MINE AND REHABILITATION OF THE VILLAGE, 2016-2018



Source: Mining Industry and Technology Division, MRPAM

4 | COAL

4.1. STRIPING, COAL PRODUCTION, SALE AND EXPORT, 2014-2019

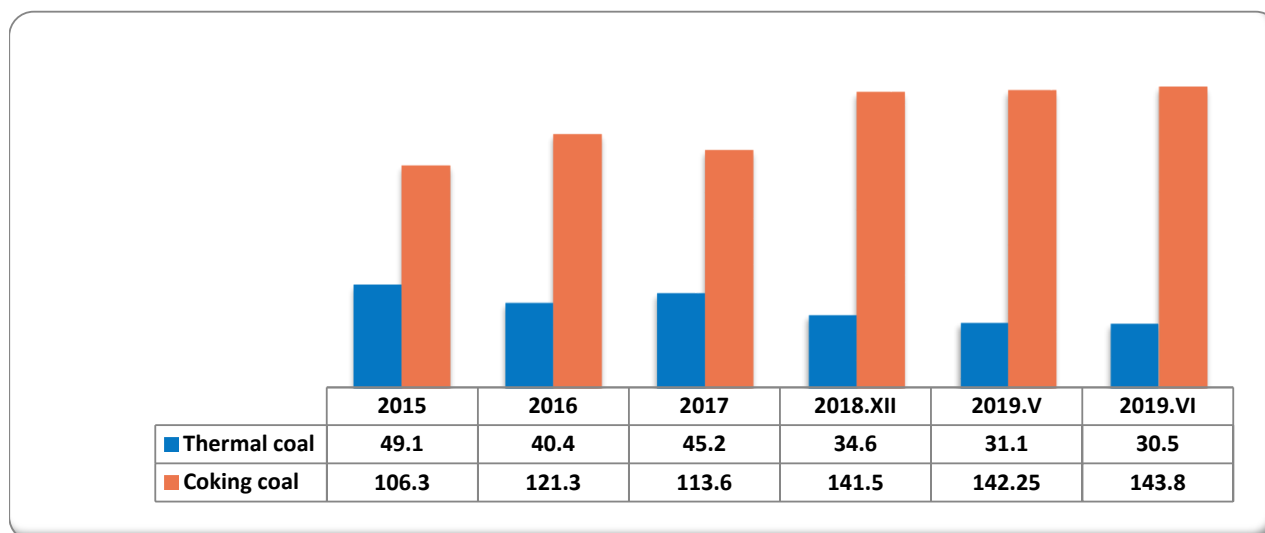
	Striping /ths.m3/	Coal production /ths.tons/	Coal sale /ths.tons/	Coal export /ths.tons/
2014	95,600.0	24,449.0	27,305.0	19,513.0
2015	92,975.0	23,979.0	22,125.0	14,468.0
2016	102,374.3	35,096.5	33,831.7	25,809.3
2017	197,240.8	49,480.3	41,904.6	33,400.1
2018	244,861.2	54,572.3	45,741.9	36,671.4
2019.I-VII	149,331.8	32,954.2	26,991.7	21,609.6

4.2. COAL SALE, by ths.tons, type, 2019.I-VII

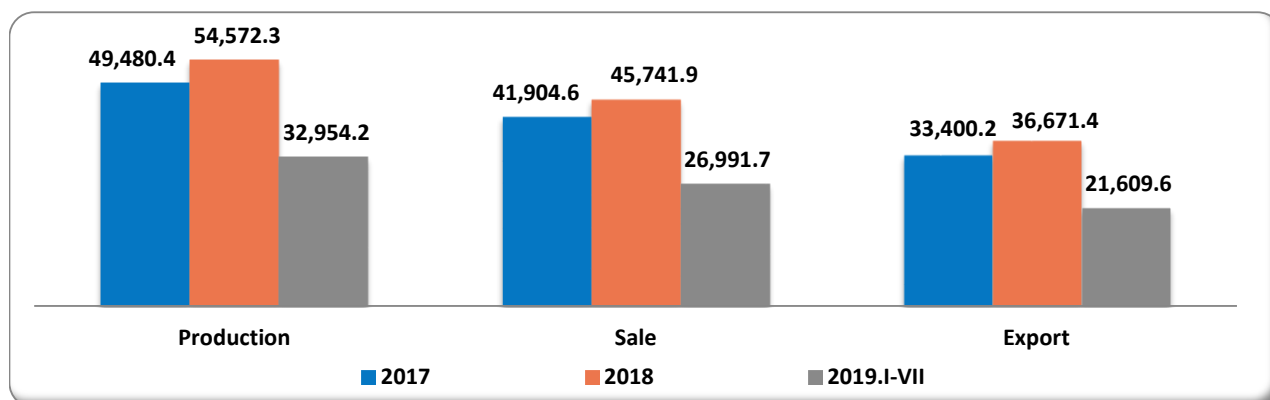
	TOTAL	Export	Local
БҮГД	26,991.7	21,609.6	5,382.1
Washed coking coal	3,706.3	3,706.3	-
Raw coking coal	10,498.6	10,498.6	-
Weak coking coal	4,796.0	4,796.0	-
Thermal coal	2,608.7	2,608.7	-
Brown coal	5,382.1	-	5,382.1

Source: Coal Research Division, MRPAM

4.3. AVERAGE PRICE OF COAL ON THE WORLD MARKET, by US\$/tons, 2015-2019



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

4.4. COAL PRODUCTION, SALE AND EXPORT, by *ths.tons*, 2017- 20194.5. COAL PRODUCTION, SALE AND EXPORT, by *ths.tons*, month, 2018-2019

	Олборлолт	Борлуулалт	Экспорт
2018	54,572.3	45,741.9	36,671.4
2018.I	3,840.5	4,313.8	3,207.2
2018.II	2,772.1	2,258.6	1,272.9
2018.III	4,215.0	4,194.0	3,444.3
2018.IV	5,056.0	4,208.0	3,546.0
2018.V	5,219.5	4,297.5	3,814.8
2018.VI	4,837.1	4,148.1	3,756.9
2018.VII	3,649.8	2,535.9	2,104.5
2018.VIII	2,891.9	2,647.0	2,114.1
2018.IX	4,285.6	4,785.8	4,038.9
2018.X	6,730.2	4,966.3	3,978.8
2018.XI	5,144.5	2,967.0	2,071.0
2018.XII	5,930.1	4,419.9	3,322.0
2019.I-VII	32,954.2	26,991.7	21,609.6
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	3,891.7	3,378.2
2019.VI	4,435.5	3,695.8	3,066.5
2019.VII	5,196.0	3,602.8	2,936.5
2019.VII 2018.VII	42.4%	42.1%	39.5%
2019.I-VII 2018.I-VII	11.4%	4.0%	2.2%

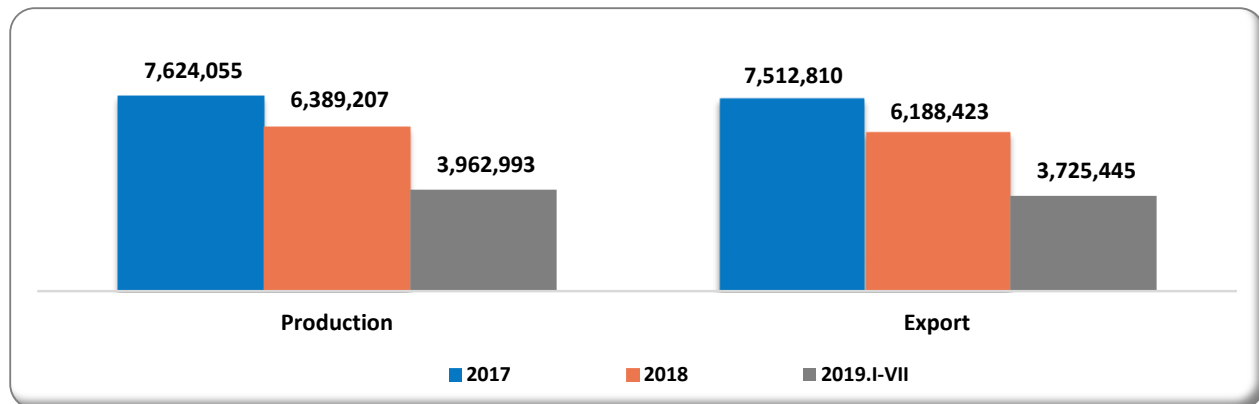
Source: Coal Research Division, MRPAM

4.6. MINING AND PETROLEUM EXAMINATION AND TESTING CENTRAL LABORATORY, 2019.VII

Type of coal	Name	Classification	Border name	Deposit name	TM	Adb	Vdaf	St,db	Qnet,ar	FSI	GI
					Weight, %				Kcal/kg	Index	
Raw coal	Antracite	Antracite	Khangi	Alag-Undur	4.2	12.274	7.3	0.4527	7009.4	0	0
	Coal	Coking	Khangi	Ail bayan	18.5	8.1	23.1	0.45	6029	9.0	98.9
			Gashuun Sukhait	Baruun, zuun tsankhi	1.9	17.1	28.8	1.00	6712	8.0	97.3
				Tavan tolgoi 4th orifice	3.6	18.3	28.2	0.56	6499	6.5	72.9
			Weak coking	Gashuun Sukhait	Tavan tolgoi 8th orifice	5.0	29.5	31.0	1.91	5299	5.0
		Shivee Khuren		Khuren shand	1.7	12.8	36.4	0.43	6711	3.5	51.7
				Chinkhua Mak	3.7	7.3	33.8	0.95	7041	3.0	53.8
				MAK	7.8	7.9	37.5	1.01	6709	3.5	69.2
			SGS	8.3	8.9	33.8	0.68	6751	7.0	75.4	
		Non coking	Gashuun Sukhait	ETT erchim khuch	5.6	11.5	26.4	0.46	6530	0.0	0.0
				Tavan tolgoi erchim khuch	6.0	16.5	35.6	0.94	5858	0.0	0.0
			Shivee Khuren	Nariin sukhait SGS	3.6	10.7	36.0	1.274	6721.4	2.0	25.0
		Other	Zamiin - Uud	Dalan chkha	8.1	9.4	45.2	0.82	5749	0.0	0.0
				Dalan shtain	2.8	21.0	26.3	1.00	6235	0.0	0.0
		Washed coal	Coal	Coking	Yarant	Khushuut	1.0	19.3	20.1	0.54	6697
Weak coking	Gashuun Sukhait			Tumen zag	7.2	11.1	25.51	0.60	6866.4	7.5	86.7
Coking and half coking of coal		27,04-0010	Gashuun Sukhait	Coke	2.2	13.3	1.6	0.86	6508.0	0.0	0.0

Source: Central Laboratory of Mining and Petroleum, MRPAM

5.1. PETROLEUM PRODUCTION AND EXPORT, by barrel, 2017-2019



5.2. PETROLEUM PRODUCTION AND EXPORT, by barrel, month, 2018-2019

	Production		Export	
	Barrel	Percent	Barrel	Percent
2018	6,389,207	100%	6,188,423	100%
2018.I	620,842	9.7%	558,232	9.0%
2018.II	556,544	8.7%	451,701	7.3%
2018.III	568,740	8.9%	621,219	10.0%
2018.IV	535,029	8.4%	579,017	9.4%
2018.V	556,865	8.7%	555,443	9.0%
2018.VI	539,680	8.4%	541,818	8.8%
2018.VII	563,763	8.8%	543,629	8.8%
2018.VIII	553,224	8.7%	537,238	8.7%
2018.IX	515,475	8.1%	423,496	6.8%
2018.X	198,319	3.1%	156,157	2.5%
2018.XI	569,745	8.9%	698,891	11.3%
2018.XII	610,983	9.6%	521,584	8.4%
2019.I-VII	3,962,993	100%	3,725,445	100%
2019.I	586,196	14.8%	533,837	14.3%
2019.II	515,318	13.0%	477,824	12.8%
2019.III	569,607	14.4%	609,105	16.3%
2019.IV	549,433	13.9%	484,692	13.0%
2019.V	565,179	14.3%	521,782	14.0%
2019.VI	575,582	14.5%	549,608	14.8%
2019.VII	601,678	15.2%	548,597	14.7%
2019.VII	6.7%	-	0.9%	-
2018.VII				
2019.I-VII	0.5%	-	-3.3%	-
2018.I-VII				

Source: Petroleum Exploitation Division, MRPAM

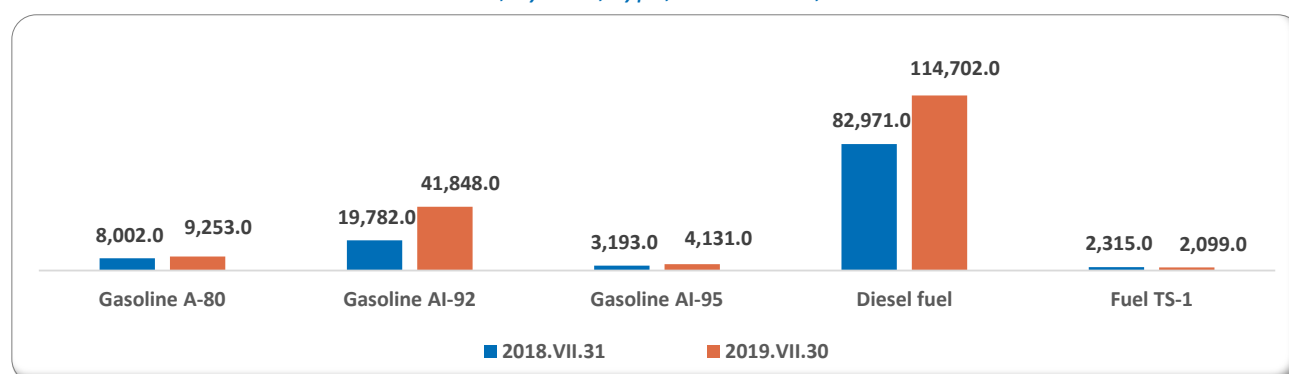
5.3. PETROLEUM PRODUCTS IMPORTING, by tons, type, months, 2018-2019

	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
2018.I	130,087	3,271	24,694	546	-	88,012	5,211	3,474	4,879
2018.II	139,306	3,274	23,770	2,380	-	76,494	4,389	2,532	26,468
2018.III	132,976	3,908	37,526	1,787	284	65,133	3,227	4,060	17,050
2018.IV	128,347	4,188	23,821	641	-	59,083	3,895	2,620	34,099
2018.V	163,211	2,771	35,853	1,474	173	78,689	4,374	2,900	36,978
2018.VI	172,517	6,626	36,145	1,112	170	75,198	7,082	4,824	41,360
2018.VII	197,855	11,127	29,990	1,689	60	102,480	6,419	1,650	44,441
2019.I-VII	1,191,828	41,212	297,576	12,921	670	687,173	31,079	27,861	93,338
2019.I	191,530	7,230	53,693	2,480	179	109,068	5,572	3,236	10,072
2019.II	140,654	4,229	37,999	2,098	64	80,592	4,798	2,247	8,627
2019.III	156,866	5,913	42,352	1,452	-	88,872	3,555	4,008	10,713
2019.IV	147,457	8,390	40,199	1,712	243	78,169	7,120	7,522	4,102
2019.V	140,470	4,163	33,267	1,759	60	80,658	1,012	2,760	16,791
2019.VI	167,007	4,881	30,361	1,238	120	105,218	4,282	3,229	17,679
2019.VII	247,843	6,405	59,705	2,182	4	144,596	4,740	4,858	25,353
2019.VII 2018.VII	25.3%	-42.4%	99.1%	29.2%	-92.9%	41.1%	-26.2%	194.5%	-43.0%
2019.I-VII 2018.I-VII	12.0%	17.2%	40.5%	34.2%	-2.7%	26.1%	-10.2%	26.3%	-54.5%

5.4. PETROLEUM PRODUCTS IMPORTING, by tons, type, countries, 2019.VII

	БҮГД	Russia	China	Republic of Korea	Other countries
TOTAL	247,843	235,859	5,329	5,469	1,187
Gasoline A-80	6,405	6,405	-	-	-
Gasoline AI-92	59,705	56,781	2,924	-	-
Gasoline AI-95	2,182	2,182	-	-	-
Gasoline AI-98	4	4	-	-	-
Diesel fuel	144,596	142,370	2,226	-	-
Fuel TS-1	4,740	4,740	-	-	-
Lique- fied gas	4,858	4,605	-	253	-
Other	25,353	18,772	179	5,216	1,187

5.5. RESIDUE OF PETROLEUM PRODUCTS, by tons, type, 2018.VII.31, 2019.VII.30



Source: Petroleum Products Division, MRPAM

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

	New York		London		Russia		China	
	WTI		BRENT		URALS 32'		DAQING 33'	
2018.VIII.03	534.43	-0.3%	556.25	-2.1%	513.02	-1.7%	472.77	-1.6%
2018.VIII.10	527.72	-1.3%	553.21	-2.6%	506.23	-3.0%	461.21	-4.0%
2018.VIII.17	508.83	-3.6%	545.61	-1.4%	502.50	-0.7%	453.43	-1.7%
2018.VIII.24	529.28	4.0%	567.80	4.1%	540.13	7.5%	483.46	6.6%
2018.VIII.31	544.65	2.9%	589.91	3.9%	550.37	1.9%	495.09	2.4%
2018.IX.07	528.65	-2.9%	583.75	-1.0%	551.68	0.2%	487.09	-1.6%
2018.IX.14	538.33	1.8%	593.33	1.6%	557.82	1.1%	500.03	2.7%
2018.IX.21	552.30	2.6%	594.32	0.2%	558.19	0.1%	504.83	1.0%
2018.IX.28	571.57	3.5%	632.08	6.4%	583.54	4.5%	518.71	2.8%
2018.X.05	596.23	4.3%	643.85	1.9%	588.88	0.9%	540.67	4.2%
2018.X.12	556.67	-6.6%	611.11	-5.1%	559.35	-5.0%	535.58	-0.9%
2018.X.19	540.59	-2.9%	606.17	-0.8%	553.36	-1.1%	519.44	-3.0%
2018.X.26	527.40	-2.4%	590.36	-2.6%	538.31	-2.7%	506.94	-2.4%
2018.XI.05	490.65	-7.0%	553.13	-6.3%	539.62	0.2%	464.41	-8.4%
2018.XI.13	460.85	-6.1%	526.69	-4.8%	504.47	-6.5%	467.68	0.7%
2018.XI.20	445.01	-3.4%	505.04	-4.1%	481.23	-4.6%	431.18	-7.8%
2018.XI.27	399.67	-10.2%	457.55	-9.4%	427.59	-11.1%	381.31	-11.6%
2018.XI.30	397.41	-0.6%	451.78	-1.3%	416.48	-2.6%	370.92	-2.7%
2018.XII.11	398.19	0.2%	449.57	-0.5%	427.74	2.7%	390.40	5.3%
2018.XII.14	399.51	0.3%	458.39	2.0%	427.52	-0.1%	382.84	-1.9%
2018.XII.21	355.74	-11.0%	408.47	-10.9%	373.44	-12.6%	335.80	-12.3%
2018.XII.28	353.71	-0.6%	404.29	-1.0%	363.94	-2.5%	328.17	-2.3%
2019.I.04	374.23	5.8%	436.28	7.9%	386.96	6.3%	335.80	2.3%
2019.I.11	402.56	7.6%	459.53	5.3%	433.51	12.0%	389.45	16.0%
2019.I.18	421.67	4.7%	475.33	3.4%	437.60	0.9%	386.69	-0.7%
2019.I.28	406.77	-3.5%	455.20	-4.2%	430.22	-1.7%	384.80	-0.5%
2019.II.04	430.57	5.9%	477.08	4.8%	436.65	1.5%	394.83	2.6%
2019.II.11	407.63	-5.3%	469.78	-1.5%	437.97	0.3%	399.20	1.1%
2019.II.19	437.75	7.4%	501.85	6.8%	460.92	5.2%	436.20	9.3%
2019.II.25	430.88	-1.6%	491.97	-2.0%	468.74	1.7%	434.38	-0.4%
2019.III.05	440.01	2.1%	496.99	1.0%	463.55	-1.1%	424.50	-2.3%
2019.III.12	444.77	1.1%	506.94	2.0%	468.59	1.1%	427.80	0.8%
2019.III.19	462.72	4.0%	513.40	1.3%	474.29	1.2%	434.46	1.6%
2019.III.26	457.18	-1.2%	504.58	-1.7%	473.12	-0.2%	436.35	0.4%
2019.IV.02	481.76	5.4%	525.40	4.1%	486.71	2.9%	446.16	2.2%
2019.IV.09	503.37	4.5%	540.37	2.8%	462.30	-5.0%	459.90	3.1%
2019.IV.16	493.54	-2.0%	538.70	-0.3%	503.89	9.0%	463.32	0.7%
2019.IV.23	515.39	4.4%	566.05	5.1%	522.16	3.6%	478.22	3.2%
2019.IV.30	496.66	-3.6%	416.75	-26.4%	511.63	-2.0%	465.28	-2.7%
2019.V.07	487.38	-1.9%	541.81	30.0%	503.89	-1.5%	452.56	-2.7%
2019.V.14	477.15	-2.1%	534.90	-1.3%	509.29	1.1%	460.77	1.8%
2019.V.20	497.44	4.3%	556.10	4.0%	514.56	1.0%	469.28	1.8%
2019.V.28	461.24	-7.3%	521.60	-6.2%	483.35	-6.1%	442.16	-5.8%
2019.VI.04	412.78	-10.5%	462.72	-11.3%	446.88	-7.5%	394.76	-10.7%
2019.VI.11	418.24	1.3%	475.56	2.8%	414.00	-7.4%	406.76	3.0%
2019.VI.18	404.74	-3.2%	462.72	-2.7%	425.03	2.7%	392.87	-3.4%
2019.VI.25	450.94	11.4%	487.41	5.3%	443.96	4.5%	417.73	6.3%
2019.VII.02	458.74	1.7%	492.65	1.1%	458.94	3.4%	432.35	3.5%
2019.VII.09	448.36	-2.3%	485.28	-1.5%	444.69	-3.1%	416.13	-3.7%
2019.VII.16	464.04	3.5%	504.66	4.0%	464.06	4.4%	429.15	3.1%
2019.VII.23	438.61	-5.5%	481.03	-4.7%	439.58	-5.3%	411.12	-4.2%
2019.VII.30	446.41	1.8%	485.59	0.9%	455.65	3.7%	405.01	-1.5%

Source: www.wtrg.com, www.bloomberg.com, www.ineng.org, www.reuters.com, www.oil.in-en.com, www.topoilnews.com, www.nymex.com, www.finmarket.ru, www.quandl.com, www.topoilnews.com

5.7.RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, by MNT/litre, provinces, 2019.VI.25, 2019.VII.30

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2019. VI.25	2019. VII.30	$\frac{2019.VII.30}{2019.VI.25}$	2019. VI.25	2019. VII.30	$\frac{2019.VII.30}{2019.VI.25}$	2019. VI.25	2019. VII.30	$\frac{2019.VII.30}{2019.VI.25}$	2019. VI.25	2019. VII.30	$\frac{2019.VII.30}{2019.VI.25}$
NATIONAL AVERAGE PRICE	1874	1845	-1.6%	1968	1921	-2.4%	2297	2262	-1.5%	2435	2433	-0.1%
Western region	1934	1906	-1.4%	2026	1986	-2.0%	-	-	-	2426	2424	-0.1%
Bayan-Ulgii	1800	1800	0.0%	1880	1880	0.0%	-	-	-	2190	2190	0.0%
Govi-Altai	1860	1820	-2.2%	1960	1910	-2.6%	-	-	-	2450	2450	0.0%
Zavkhan	2040	2000	-2.0%	2120	2070	-2.4%	-	-	-	2580	2580	0.0%
Uvs	1930	1900	-1.6%	2030	1980	-2.5%	-	-	-	2400	2390	-0.4%
Hovd	2040	2010	-1.5%	2140	2090	-2.3%	-	-	-	2510	2510	0.0%
Hangai region	1829	1800	-1.6%	1929	1879	-2.6%	2292	2242	-2.2%	2423	2423	0.0%
Arkhangai	1850	1820	-1.6%	1940	1890	-2.6%	2300	2250	-2.2%	2460	2460	0.0%
Bayankhongor	1890	1860	-1.6%	1950	1900	-2.6%	-	-	-	2480	2480	0.0%
Bulgan	1770	1750	-1.1%	1905	1855	-2.6%	2290	2240	-2.2%	2380	2380	0.0%
Uvurkhangai	1850	1820	-1.6%	1940	1890	-2.6%	2300	2250	-2.2%	2460	2460	0.0%
Orkhon	1770	1750	-1.1%	1890	1840	-2.6%	2290	2240	-2.2%	2370	2370	0.0%
Selenge	1770	1750	-1.1%	1890	1840	-2.6%	2290	2240	-2.2%	2370	2370	0.0%
Khuvsgul	1900	1850	-2.6%	1990	1940	-2.5%	2280	2230	-2.2%	2440	2440	0.0%
Central region	1822	1797	-1.4%	1934	1886	-2.5%	2313	2264	-2.1%	2418	2413	-0.2%
Ulaanbaatar	1775	1743	-1.8%	1892	1835	-3.0%	2291	2240	-2.2%	2367	2367	0.0%
Tuv	1770	1740	-1.7%	1870	1820	-2.7%	2290	2240	-2.2%	2360	2360	0.0%
Darkhan	1770	1750	-1.1%	1890	1840	-2.6%	2290	2240	-2.2%	2370	2370	0.0%
Govisumber	1860	1830	-1.6%	1940	1890	-2.6%	2330	2280	-2.1%	2480	2480	0.0%
Dundgovi	1840	1840	0.0%	1970	1920	-2.5%	2340	2250	-3.8%	2320	2320	0.0%
Dornogovi	1840	1810	-1.6%	1940	1910	-1.5%	2320	2270	-2.2%	2480	2460	-0.8%
Umnugovi	1880	1850	-1.6%	2010	1960	-2.5%	2320	2320	0.0%	2490	2490	0.0%
Zamin Uud	1840	1810	-1.6%	1960	1910	-2.6%	2320	2270	-2.2%	2480	2460	-0.8%
Eastern region	1913	1877	-1.9%	1983	1933	-2.5%	2287	2280	-0.3%	2473	2473	0.0%
Dornod	1910	1880	-1.6%	1990	1940	-2.5%	2250	2250	0.0%	2470	2470	0.0%
Sukhbaatar	1930	1880	2.8%	2000	1950	-2.5%	2320	2320	0.0%	2480	2480	0.0%
Khentii	1900	1870	-1.6%	1960	1910	-2.6%	2290	2270	-0.9%	2470	2470	0.0%

Source: Petroleum Products Division, MRPAM

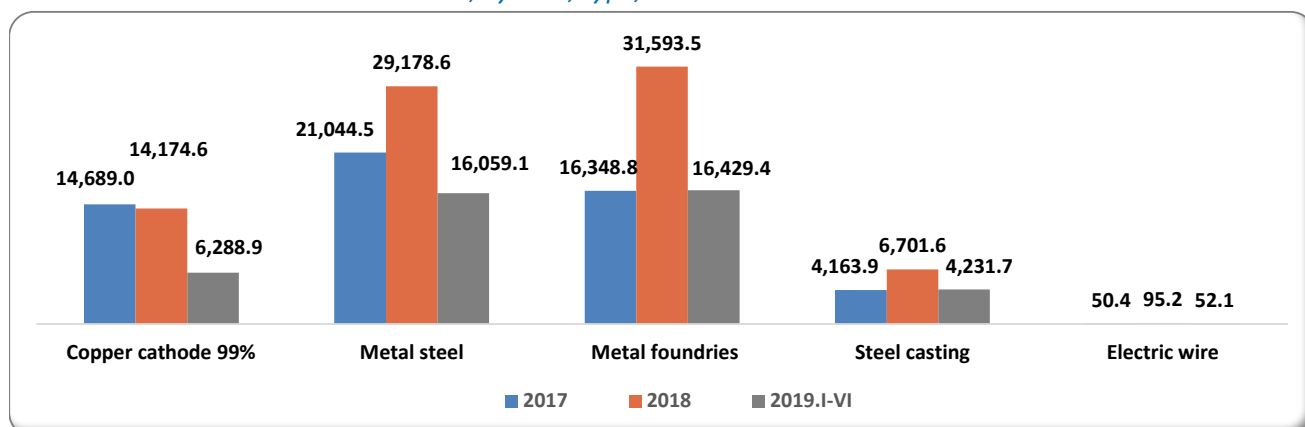
5.8. RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, by MNT/litre, type, end of month, 2017-2019

	Gasoline A-80	Gasoline AI-92	Gasoline AI-95	Diesel fuel
2017.I.25	1538	1658	1817	1750
2017.II.21	1574	1713	1842	1800
2017.III.27	1573	1712	1839	1799
2017.IV.25	1573	1712	1861	1796
2017.V.23	1568	1707	1861	1791
2017.VI.27	1568	1707	1861	1791
2017.VII.18	1568	1705	1861	1790
2017.VIII.29	1559	1698	1861	1790
2017.IX.19	1559	1698	1861	1780
2017.X.31	1557	1695	1862	1776
2017.XI.28	1559	1701	1863	1783
2017.XII.26	1563	1703	1863	1794
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
<u>2019.VII.30</u>				
<u>2019.VI.25</u>	-1.6%	-2.4%	-1.5%	-0.1%
<u>2019.VII.30</u>				
<u>2018.VII.31</u>	5.4%	1.8%	4.9%	11.9%
<u>2019.VII.30</u>				
<u>2017.VII.18</u>	17.7%	12.7%	21.5%	35.9%

Source: Petroleum Products Division, MRPAM

6 | HEAVY INDUSTRY

6.1. HEAVY INDUSTRIAL PRODUCTION, by tons, type, 2017-2019



6.2. HEAVY INDUSTRIAL PRODUCTION, by tons, type, month, 2017-2019

	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
2018.I	1,262.3	2,728.2	1,389.2	225.7	17.8
2018.II	1,080.2	1,701.6	2,424.3	-	1.3
2018.III	1,239.3	3,577.5	3,946.7	-	4.5
2018.IV	1,186.0	3,613.7	3,033.0	671.5	9.3
2018.V	1,264.2	591.4	2,000.0	1,216.0	9.1
2018.VI	1,149.2	3,031.2	3,784.3	789.2	7.1
2018.VII	1,184.2	1,546.3	1,939.8	350.9	10.7
2018.VIII	1,237.8	1,583.9	1,596.5	992.1	6.7
2018.IX	849.2	2,483.1	2,173.7	820.3	0.0
2018.X	1,255.0	2,435.1	3,839.0	735.9	11.4
2018.XI	1,289.9	2,463.7	3,298.4	481.0	2.3
2018.XII	1,177.3	3,422.9	2,168.6	419.0	15.0
2019.I-VI	6,288.9	16,059.1	16,429.4	4,231.7	52.1
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.VI 2018.VI	-23.0%	-16.2%	-18.8%	8.9%	-14.1%
2019.I-VI 2018.I-VI	-12.4%	5.3%	-15.7%	45.8%	6.1%

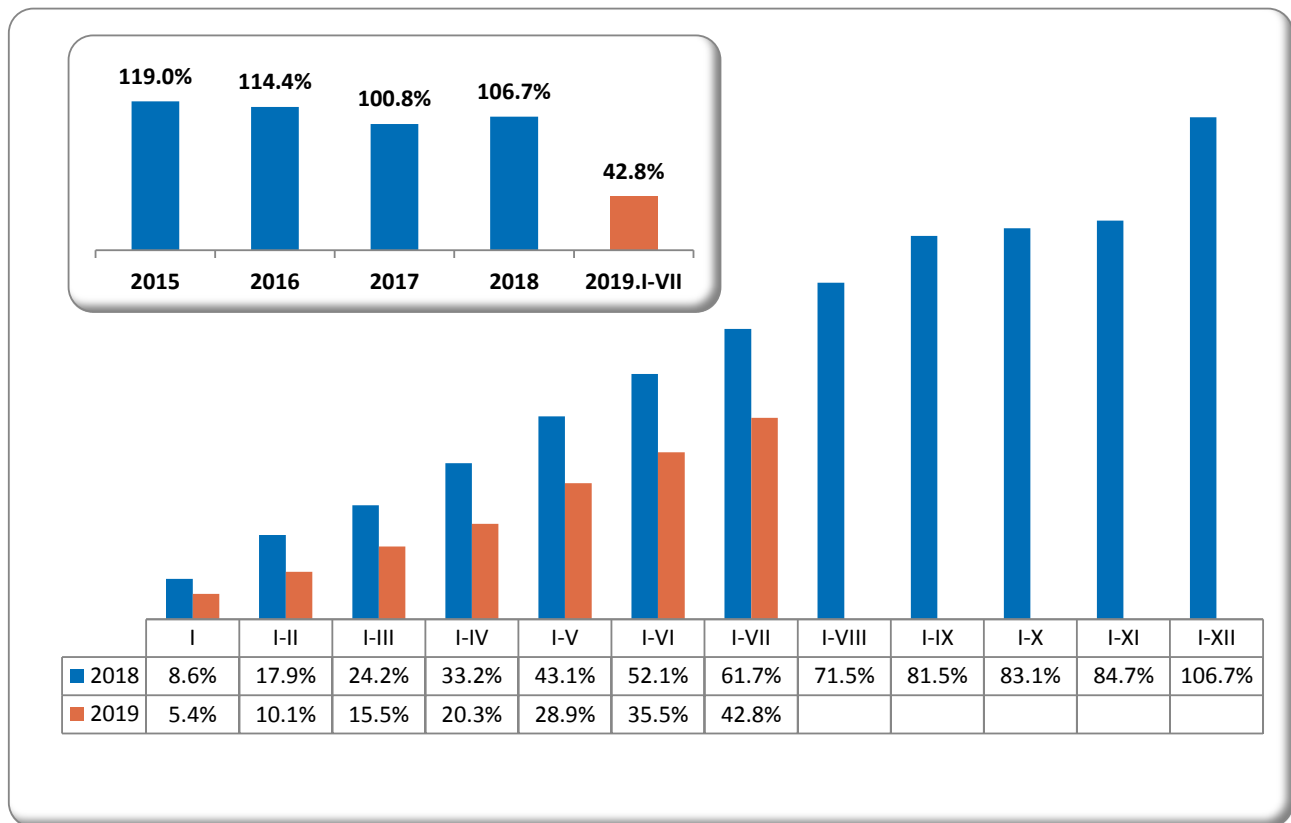
Source: Heavy Industry and Technology Division, MRPAM

7 | STATE INVESTMENT REVENUE

6.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, by mln.MNT, income type, 2019

	Plan of 2019	Performance	
		2019.I-VI	Performance rate %
License fee	42,900.0	19,635.5	45.8%
Reimbursement	2,300.0	3,923.2	170.6%
Petroleum export revenue	335,600.0	134,344.5	40.0%
Service revenue /petroleum/	2,717.7	1,798.1	66.2%
Service revenue /mineral resources/	9,282.4	1,477.8	15.9%
Tender revenue	11,250.0	11,904.2	105.8%

6.2.PERFORMANCE RATE OF MRPAM's BUDGET REVENUE, 2015-2019



Source: Public Administration and Management Division, MRPAM

TELEPHONE LIST OF MINERAL RESOURCES AND PETROLEUM AUTHORITY

Director	263701
Deputy Director	263750
Deputy Director	328305
Public Administration and Management Division	263708
Legal Division	263781
Geology and Exploration Division	330939
Mining Productions, Technology Division	310041
Coal Research Division	263965
Cadastre Division	263640
Monitoring, Evaluation and Statistics Division	-
Heavy Industry, Technic and Technology Division	-
Petroleum Exploitation Division	70181176
Petroleum Products Division	70181308
Mineral Resources Information Technology Center	328305
Mineral Resources and Petroleum Combustible Testing and Experimental Lab	70183105

CALL CENTER OF GOVERNMENT	11-11
---------------------------	-------



This bulletin is updated monthly and published on the Mineral Resources and Petroleum Authority's website www.mrpam.gov.mn



Monitoring, Evaluation and Statistics Division of Mineral Resources and Petroleum Authority

Address:

Government building 12, Barilgachdyn talbai 3,
Chingeltei district, Ulaanbaatar 15170, Mongolia

Fax: 11-310370

E-mail: info@mrpam.gov.mn

Web: www.mrpam.gov.mn