



**MINISTRY OF MINING  
AND HEAVY INDUSTRY**



**MINERAL RESOURCES AND  
PETROLEUM AUTHORITY  
OF MONGOLIA**



# **MINERAL RESOURCES AND PETROLEUM STATISTICS 2019/05**

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## KEY INDICATORS

Valid mining and exploration licenses <b>2953</b> (2019.VI.03)	Valid licensed area size <b>8,2</b> mln.ha (2019.VI.03)	Percent of total area in Mongolia's territory <b>5.4%</b> (2019.VI.03)
Average price of gold on the world market <b>1284.0</b> US\$/ounce (2019.V)	Average price of copper on the world market <b>6027.7</b> US\$/tons (2019.V)	Average price of thermal coal on the world market <b>32.0</b> US\$/tons (2019.IV)
Average price of coking coal on the world market <b>145.5</b> US\$/tons (2019.IV)	Coal production <b>23322.6</b> ths.tons (2019.I-V)	Coal sale <b>19639.1</b> ths.tons (2019.I-V)
Coal export <b>15606.6</b> ths.tons (2019.I-V)	Petroleum production <b>2785478</b> barrel (2019.I-V)	Petroleum export <b>2627433</b> barrel (2019.I-V)
Petroleum import <b>776977</b> tons (2019.I-V)	National average price of gasoline A-80 <b>1875</b> MNT (2019.V.28)	National average price of gasoline AI-92 <b>1980</b> MNT (2019.V.28)
National average price of gasoline AI-95 <b>2325</b> MNT (2019.V.28)	National average price of diesel fuel <b>2445</b> MNT (2019.V.28)	Performance rate of MRPAM's budget revenue <b>28.9%</b> (2019.I-V)



## I. STATISTICS OF MINERAL LICENSES AND AREA SIZE

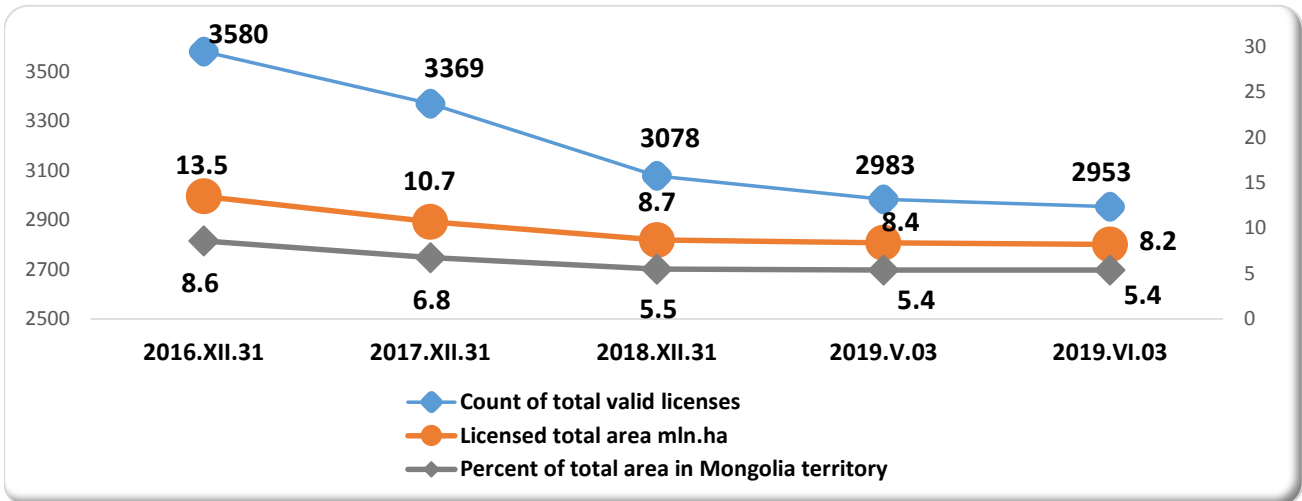
### 1.1. COUNT OF VALID LICENSES AND AREA SIZE, *by provinces, 2019.VI.03*

	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
<b>TOTAL</b>	<b>2953</b>	<b>8195.3</b>	<b>5.4%</b>	<b>1678</b>	<b>1681.0</b>	<b>1.1%</b>	<b>1275</b>	<b>6514.3</b>	<b>4.3%</b>
Arkhangai	36	71.9	1.3%	27	13.0	0.2%	9	58.9	1.1%
Bayan-Ulgii	64	162.4	3.5%	27	12.9	0.3%	37	149.6	3.3%
Bayankhongor	161	417.6	3.6%	90	103.8	0.9%	71	313.7	2.7%
Bulgan	111	139.0	2.9%	72	35.6	0.7%	39	103.5	2.1%
Uvurkhangai	50	138.0	2.2%	29	15.7	0.2%	21	122.3	1.9%
Govi-Altai	156	798.1	5.6%	51	89.3	0.6%	105	708.9	5.0%
Govisumber	17	45.5	8.2%	13	38.9	7.0%	4	6.6	1.2%
Darkhan Uul	75	17.4	5.3%	62	7.6	2.3%	13	9.8	3.0%
Dornogovi	366	1447.6	13.2%	181	230.0	2.1%	185	1217.6	11.1%
Dornod	158	515.3	4.2%	75	63.1	0.5%	83	452.2	3.7%
Dundgovi	212	733.7	9.8%	103	177.9	2.4%	109	555.8	7.4%
Zavhan	58	303.7	3.7%	10	15.0	0.2%	48	288.6	3.5%
Umnugovi	205	1305.5	7.9%	102	517.7	3.1%	103	787.8	4.8%
Orkhon	9	11.1	13.2%	9	11.1	13.2%	0	0.0	0.0%
Sukhbaatar	101	400.2	4.9%	62	48.9	0.6%	39	351.4	4.3%
Selenge	180	93.9	2.3%	143	42.9	1.0%	37	51.0	1.2%
Tuv	410	440.9	6.0%	298	148.5	2.0%	112	292.4	4.0%
Uvs	138	422.4	6.1%	48	21.2	0.3%	90	401.2	5.8%
Ulaanbaatar	171	13.6	2.9%	159	12.2	2.6%	12	1.4	0.3%
Khuvsgul	28	18.7	0.2%	22	10.3	0.1%	6	8.4	0.1%
Khovd	115	308.7	4.1%	35	14.0	0.2%	80	294.7	3.9%
Khentii	230	390.1	4.8%	118	51.5	0.6%	112	338.6	4.2%

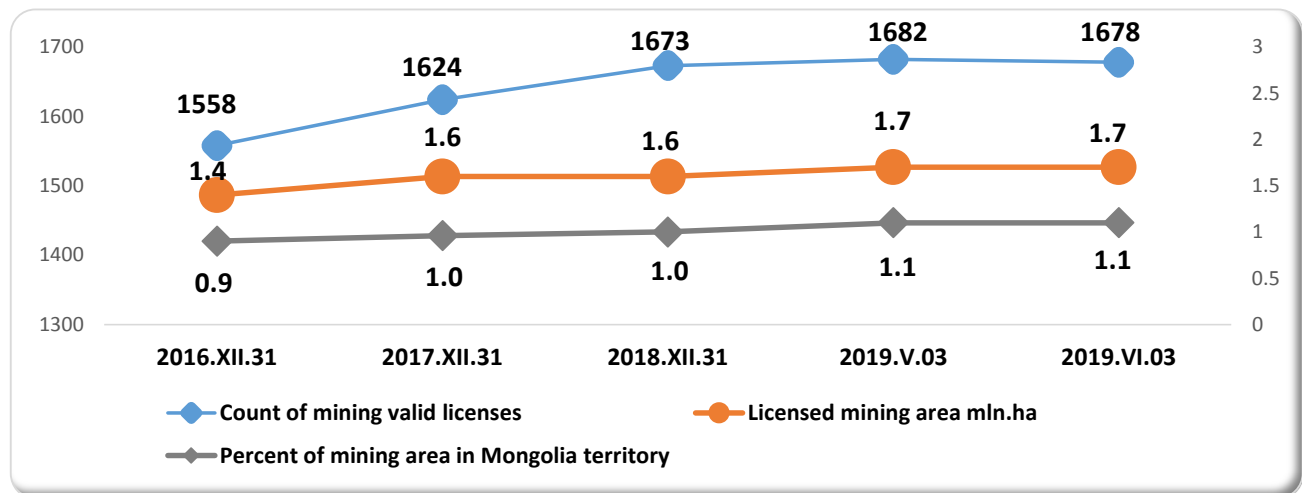
Source: Cadastre Division, MRPAM



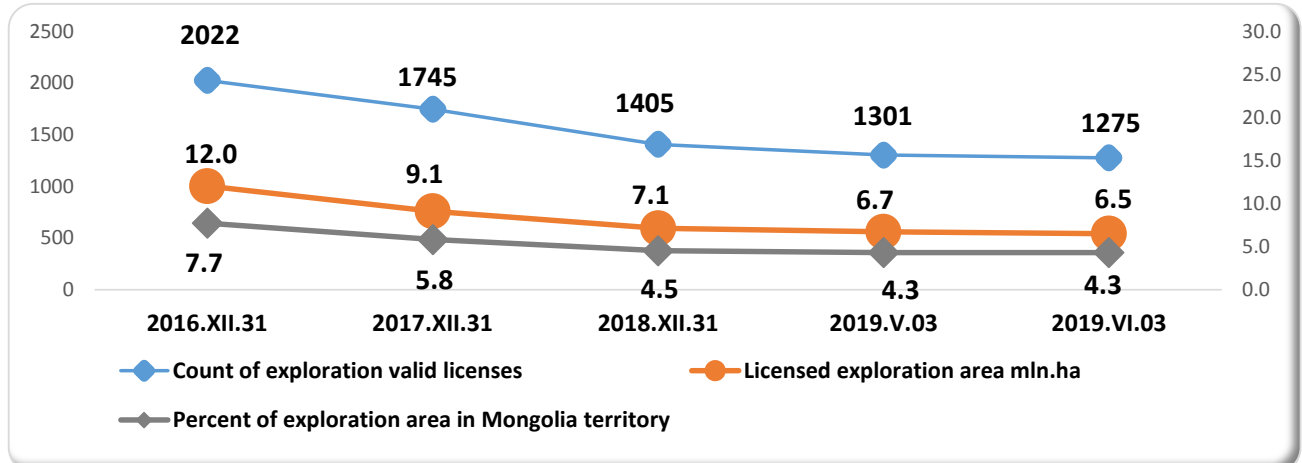
**1.2. COUNT OF TOTAL VALID LICENSES, LICENSED TOTAL AREA AND PERCENT OF TOTAL AREA IN MONGOLIA'S TERRITORY, 2016-2019**



**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.VI.03

	Mining license		Area size	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>1678</b>	<b>100.0%</b>	<b>1,680,984.5</b>	<b>100.0%</b>
Coal	307	18.3%	865,894.5	51.5%
Gold	553	33.0%	238,514.0	14.2%
Copper	20	1.2%	88,746.4	5.3%
Gold, Copper	14	0.8%	85,749.4	5.1%
Uranium	7	0.4%	76,866.1	4.6%
Construction materials	110	6.6%	58,517.2	3.5%
Iron	70	4.2%	40,904.1	2.4%
Fluorite	183	10.9%	27,739.0	1.7%
Concentrated metal	12	0.7%	26,326.3	1.6%
Graphite	7	0.4%	23,893.9	1.4%
Continental / common mineral	203	12.1%	20,329.6	1.2%
Chromium	1	0.1%	15,805.8	0.9%
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	0.4%
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	0.2%
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%
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%
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%
limestone	3	0.2%	1,176.9	0.1%
Other	78	4.6%	12,218.0	0.7%

Source: Cadastre Division, MRPAM



#### 1.6. REGISTERED AREA, mln.ha, overlap, 2019.VI.03

	Hectare	Percent of total territory
Valid mining licensed area	1.7	1.1%
Valid exploration licensed area	6.5	4.2%
State protected area	29.1	18.6%
Special purpose area	29.1	18.6%
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.VI.03

	Count of area		Area size	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>231</b>	<b>100%</b>	<b>968.2</b>	<b>100%</b>
Arkhangai	1	0.4%	4.8	0.5%
Bayan-Ulgii	2	0.9%	53.7	5.5%
Bayankhongor	47	20.3%	122.5	12.7%
Bulgan	29	12.6%	126.4	13.1%
Govi-Altai	1	0.4%	5.7	0.6%
Darkhan Uul	6	2.6%	16.6	1.7%
Dornogovi	11	4.8%	55.0	5.7%
Dornod	2	0.9%	26.2	2.7%
Dundgovi	10	4.3%	89.6	9.3%
Uvurkhangai	19	8.2%	35.0	3.6%
Umnugovi	18	7.8%	78.0	8.1%
Selenge	44	19.0%	180.7	18.7%
Tuv	12	5.2%	78.3	8.1%
Ulaanbaatar	5	2.2%	19.0	2.0%
Khovd	1	0.4%	5.3	0.5%
Khentii	23	10.0%	71.5	7.4%

Source: Cadastre Division, MRPAM





### 1.8. ORIGIN OF LICENSE HOLDERS, 2019.VI.03

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>1809</b>	<b>2953</b>	<b>8,195,269.3</b>	<b>100%</b>
Mongolian entities	1449	2302	5951483.82	72.6%
100% foreign entities	255	442	1,677,290.2	20.5%
Joint foreign entities	105	209	566,495.3	6.9%

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

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>255</b>	<b>442</b>	<b>1,677,290.2</b>	<b>100%</b>
China	131	170	405,503.3	24.18%
Virgin Islands	35	74	198,159.0	11.81%
Singapore	17	63	382,094.2	22.78%
Hong Kong	16	30	146,282.5	8.72%
Canada	12	29	271,301.6	16.17%
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	4	16	108,745.5	6.48%
Luxemburg	2	6	13,528.2	0.81%
Japan	2	3	3,015.1	0.18%
Bermud	2	3	7,314.3	0.44%
Germany	2	2	603.9	0.04%
United States of America	2	4	3,167.8	0.19%
Malaysia	1	2	2,416.5	0.14%
Luxemburg, Seychelles	1	1	36,391.0	2.17%
Great Britain	1	1	450.6	0.03%
Ukraine	1	1	245.0	0.01%
Bulgaria	1	1	3,700.9	0.22%
Barbados	1	3	10,040.0	0.60%
United States of America, China	1	1	837.1	0.05%
Russia, South Korea	1	1	118.2	0.01%
Russia, China	1	1	47.5	0.00%
Virgin Islands, Singapore	1	3	10,163.7	0.61%

Source: Cadastre Division, MRPAM



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

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>105</b>	<b>209</b>	<b>566,495.3</b>	<b>100%</b>
Mongolia, China	51	74	103,427.1	18.3%
Mongolia, South Korea	10	17	44,048.4	7.8%
Mongolia, Russia	7	8	1,034.2	0.2%
Mongolia, Virgin Islands	6	10	35,233.8	6.2%
Mongolia, Japan	5	56	165,543.3	29.2%
Mongolia, Czech Republic	4	7	52,526.3	9.3%
Mongolia, Germany	4	5	13,260.1	2.3%
Mongolia, Singapore	3	7	39,235.5	6.9%
Mongolia, Great Britain	2	4	12,989.7	2.3%
Mongolia, Canada	1	1	3,957.7	0.7%
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	4	13,737.6	2.4%
Mongolia, Canada, China	1	1	6,352.8	1.1%
Mongolia, Hong Kong, Japan	1	3	43,809.3	7.7%
Mongolia, Bulgaria	1	3	1,083.7	0.2%
Mongolia, United States of America, Virgin Islands, South Korea	1	1	3,766.7	0.7%
Macao, Mongolia, Hong Kong	1	2	18,260.9	3.2%
Kazakhstan, Mongolia, Holland	1	1	1,789.4	0.3%
Mongolia, Luxemburg	1	1	3,273.9	0.6%
Mongolia, Hungary	1	1	87.4	0.0%

Source: Cadastre Division, MRPAM



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

	License		Area	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>251</b>	<b>100%</b>	<b>303,841.3</b>	<b>100%</b>
Trade and Development Bank	33	13.15%	44,867.7	14.77%
Golomt Bank	31	12.35%	26,989.8	8.88%
Development Bank of Mongolia	24	9.56%	16,714.7	5.50%
Ulaanbaatar City Bank	22	8.76%	14,114.3	4.65%
HAAN Bank	14	5.58%	2,673.9	0.88%
Capital Bank	13	5.18%	1,619.8	0.53%
Golomt, Saving, Zoos, Anod Banks	11	4.38%	80,891.6	26.62%
XAC Bank	11	4.38%	2,616.7	0.86%
Anod Bank	9	3.59%	7,355.5	2.42%
European Bank for Reconstruction and Development	7	2.79%	2,658.5	0.87%
Chinggis Khan Bank	7	2.79%	2,703.2	0.89%
GSB capital BBSB	6	2.39%	10,609.2	3.49%
Capitronbank	5	1.99%	1,431.0	0.47%
Bank of China	5	1.99%	1,027.2	0.34%
State Bank	4	1.59%	570.6	0.19%
National Investment Bank	4	1.59%	1,247.2	0.41%
Transport Development bank	3	1.20%	1,852.1	0.61%
Bogd bank	3	1.20%	154.0	0.05%
Saving bank	3	1.20%	10,911.8	3.59%
Khutult nomgon	3	1.20%	294.2	0.10%
Export-Import Bank of China	3	1.20%	1,092.0	0.36%
Triple flag mining finance Bermuda Ltd	3	1.20%	13,017.0	4.28%
World Gold	2	0.80%	2,194.9	0.72%
Erel bank	2	0.80%	150.3	0.05%
First lithium Corporation	2	0.80%	17,131.1	5.64%
Zoos Bank	2	0.80%	19,298.9	6.35%
Other	19	7.57%	19,654.4	6.47%

Source: Cadastre Division, MRPAM



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

No	Name of entity	Count of license	Area size /hectare/	Company type	Nationality
1	Chinggis world mining	49	155,335.7	joint venture with foreign investment	Mongolia, Japan
2	Mongolroscvetmet	26	15,086.0	mongolian legal entity	Mongolia
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	67,611.0	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	Erel	11	10,996.6	mongolian legal entity	Mongolia
10	Gobi Coal and Energy	11	6,988.5	mongolian legal entity	Mongolia
11	Platinum land	11	3,621.3	mongolian legal entity	Mongolia
12	MoEnCo	10	12,807.4	Entity with 100% foreign investment	Singapore
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.VI.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	Chinggis world mining	49	155,335.7	joint venture with foreign investment	Mongolia, Japan
4	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-IV	2019.I-V
<b>TOTAL</b>	<b>613</b>	<b>813</b>	<b>1187</b>	<b>311</b>	<b>412</b>
<b>New license</b>	<b>131</b>	<b>288</b>	<b>226</b>	<b>64</b>	<b>105</b>
Mining	103	65	78	19	23
Exploration	0	0	0	0	0
Tender	28	223	148	45	82
<b>Extension of exploration license</b>	<b>173</b>	<b>231</b>	<b>657</b>	<b>197</b>	<b>227</b>
<b>Transfer</b>	<b>139</b>	<b>153</b>	<b>157</b>	<b>17</b>	<b>24</b>
Mining	49	78	25	4	8
Exploration	90	75	132	13	16
<b>Pledge</b>	<b>33</b>	<b>37</b>	<b>61</b>	<b>11</b>	<b>11</b>
Mining	30	32	58	11	11
Exploration	3	5	3	0	0
<b>Surrender</b>	<b>137</b>	<b>104</b>	<b>86</b>	<b>22</b>	<b>45</b>
Mining	26	14	12	2	5
Exploration	111	90	74	20	40

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

	2016	2017	2018	2019.I-IV	2019.I-V
<b>New license</b>	<b>750</b>	<b>151</b>	<b>85</b>	<b>45</b>	<b>58</b>
Mining	93	77	61	12	23
Exploration	629	41	5	0	0
Tender	28	33	19	33	35
<b>Surrendered</b>	<b>166</b>	<b>97</b>	<b>91</b>	<b>17</b>	<b>32</b>
Mining	25	13	11	2	5
Exploration	141	84	80	15	27
<b>Canceled</b>	<b>241</b>	<b>237</b>	<b>181</b>	<b>53</b>	<b>68</b>
Mining	37	35	33	11	11
Exploration	204	202	148	42	57
<b>Expired</b>	<b>124</b>	<b>176</b>	<b>209</b>	<b>107</b>	<b>120</b>
<b>Transferred</b>	<b>146</b>	<b>136</b>	<b>172</b>	<b>23</b>	<b>26</b>
Mining	50	62	38	7	7
Exploration	96	74	134	16	19
<b>Extended</b>	<b>167</b>	<b>162</b>	<b>566</b>	<b>166</b>	<b>248</b>
<b>Pledged</b>	<b>29</b>	<b>39</b>	<b>56</b>	<b>10</b>	<b>10</b>
Mining	27	34	53	10	10
Exploration	2	5	3	0	0
<b>Terminated pledges</b>	<b>16</b>	<b>39</b>	<b>27</b>	<b>4</b>	<b>5</b>
Mining	12	38	26	4	5
Exploration	4	1	1	0	0
<b>Re-issue of license documents</b>	<b>35</b>	<b>26</b>	<b>40</b>	<b>4</b>	<b>5</b>
Mining	15	19	13	2	3
Exploration	20	7	27	2	2

Source: Cadastre Division, MRPAM



## II. GEOLOGICAL STATISTICS

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

	2016		2017		2018		2019.I-V	
	mln.tug	perform ance	mln.tug	performan ce	mln.tug	performan ce	mln.tug	performan ce
<b>TOTAL</b>	<b>9,341.1</b>	<b>100%</b>	<b>12,255.1</b>	<b>91.8%</b>	<b>13,335.0</b>	<b>100%</b>	<b>4,924.5</b>	<b>20.0%</b>
1:200000 scale geological map	642.7	100%	482.3	100.0%	408.5	100%	199.5	0.8%
1:50000 scale geological map, general survey	4,975.8	100%	5,355.9	100.0%	4,692.7	100%	1,695.6	6.9%
Thematic work	3,476.1	100%	6,274.6	80.8%	8,144.1	100%	2,956.5	12.0%
Collaborative projects	246.6	100%	142.4	100.0%	90.0	100%	72.9	0.3%

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

	2013	2014	2015	2016	2017	Percentage share to total 2017
<b>TOTAL</b>	<b>150,095.8</b>	<b>160,421.9</b>	<b>107,238.5</b>	<b>190,260.4</b>	<b>130,586.6</b>	<b>100%</b>
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	0.0	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%

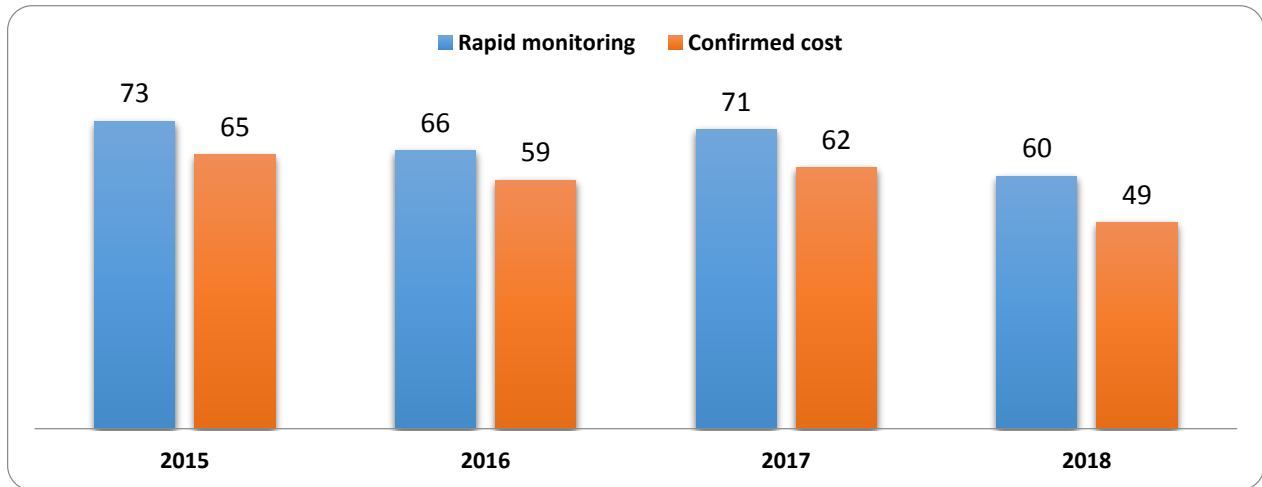
Source: Geology and Exploration Division, MRPAM



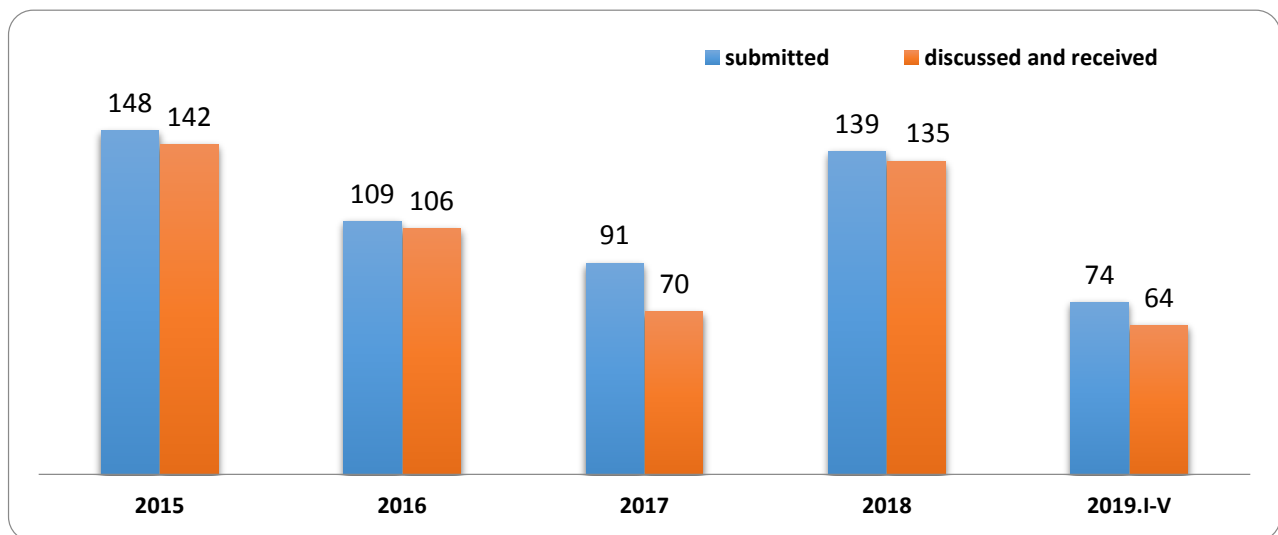
2.3. ANNUAL EXPLORATION PLAN, REPORT SUBMITTED AND NUMBER OF OF LICENSES CERTIFIED FOR EXPLORATION EXPENDITURE, 2015-2019

	2015	2016	2017	2018	2019.I-V
Plan attendance	97.2%	85.3%	98.6%	98.8%	62.7%
Report attendance	69.9%	83.0%	88.5%	93.0%	-
Minimum review of exploration expenditure report	97.0%	99.7%	98.0%	58.0%	-
Cost of financial statements	91.7%	94.9%	90.8%	53.0%	-

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



2.5. RECEIVED EXPLORATION REPORT, 2015-2019



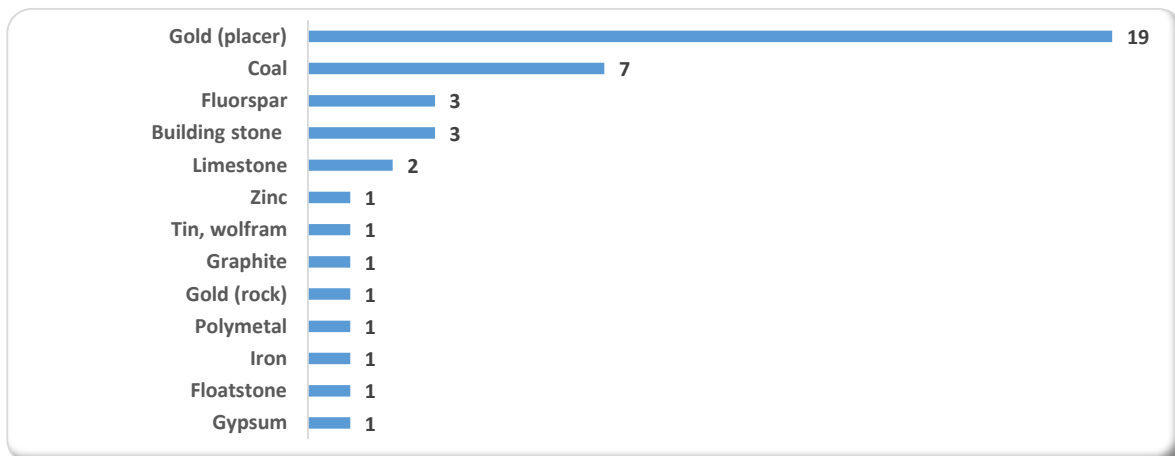
Source: Geology and Exploration Division, MRPAM



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

	Unit	2018		2019.I-V	
		ore	metal	ore	metal
Gold (rock)	ths.t/kg	6,537.9	18,697.9	549.0	1,674.6
Gold (placer)	kg	5,140.2	4,600.6	2,451.9	2,174.6
Iron	ths.t	44,969.8	18,287.9	3,937.6	1,476.3
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	t	-	-	-	547.7
Tungsten	t	-	-	-	75.4
Tungsten	ths.t	36.6	1.4	-	-
Rare earth elements	ths.t	356.80	125.16	-	-
Copper Molybdenum	ths.t	55,871.20	-	-	-
Copper	t	-	149.1	-	-
Molybdenum	t	-	2.2	-	-
Fluorspar	ths.t	6,932.0	1,239.1	570.9	324.7
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	mIn.t	9,662.7	-	4,858.8	-
Silicone	ths.t	-	-	182.1	-
Limestone	mIn.t	52.7	-	1,061.4	-
Building stone	ths.t	-	-	118,765.2	-
Graphite	ths.t	-	-	347.4	-
Gypsum	ths.t	-	-	683.3	-
Marble	ths.m3	-	-	63,987.8	-

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



Source: Geology and Exploration Division, MRPAM



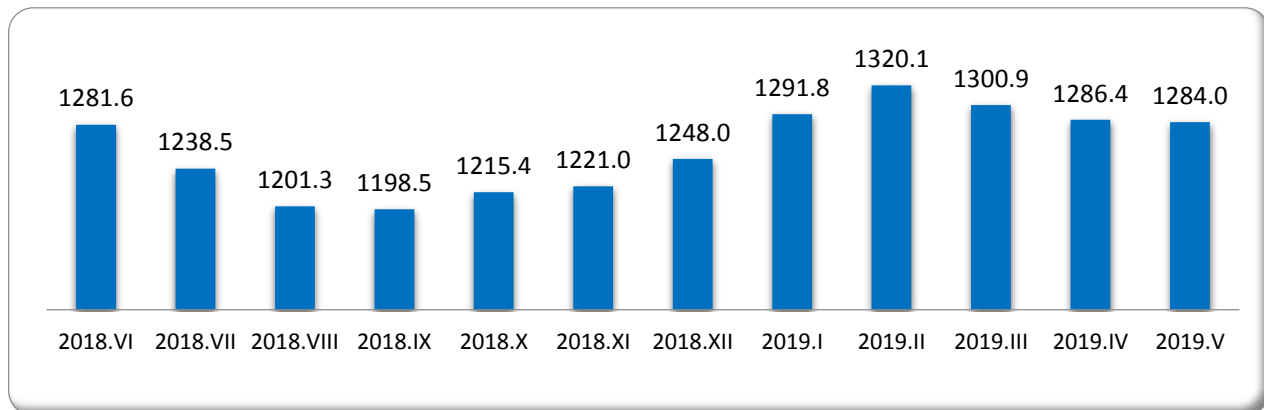


### III. MINING STATISTICS

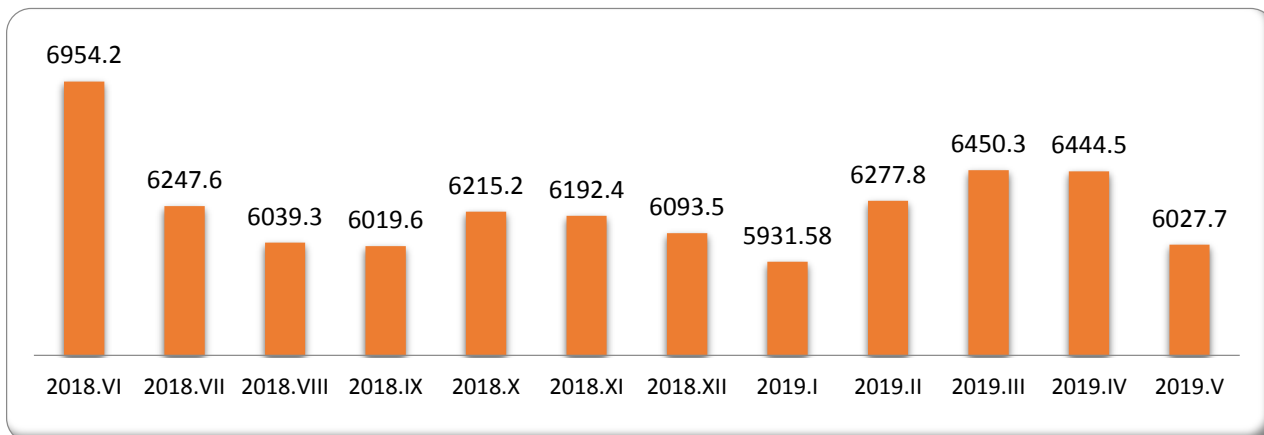
#### 3.1. AVERAGE OF COMMODITY PRICES ON THE WORLD MARKET, 2018-2019

	Unit	2018.V	2018	2019.IV	2019.V	<u>2019.V</u> 2018.V	<u>2019.V</u> 2019.IV
Gold	\$/ounce	1303.0	1269.4	1286.4	1284.0	98.5%	99.8%
Silver	\$/ounce	16.5	15.8	15.0	14.6	88.8%	97.5%
Copper	\$/tons	6821.3	6508.1	6444.5	6027.7	88.4%	93.5%
Zinc	\$/tons	3057.4	2895.6	2938.0	2746.8	89.8%	93.5%
Blue lead	\$/tons	2363.4	2237.3	1948.3	1775.0	75.1%	91.1%
Tin	\$/tons	20887.5	19954.6	20670.8	19520.0	93.5%	94.4%
Molybdenum	\$/tons	25000.0	23075.4	24235.0	24376.2	97.5%	100.6%
Tungsten	\$/tons	43300.0	41640.0	37390.0	36430.0	84.1%	97.4%
Iron ore	\$/tons	46.6	39.6	71.9	64.3	137.8%	89.3%
Fluorite concentrate AG-97	\$/tons	480.0	486.0	425.0	425.0	88.5%	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



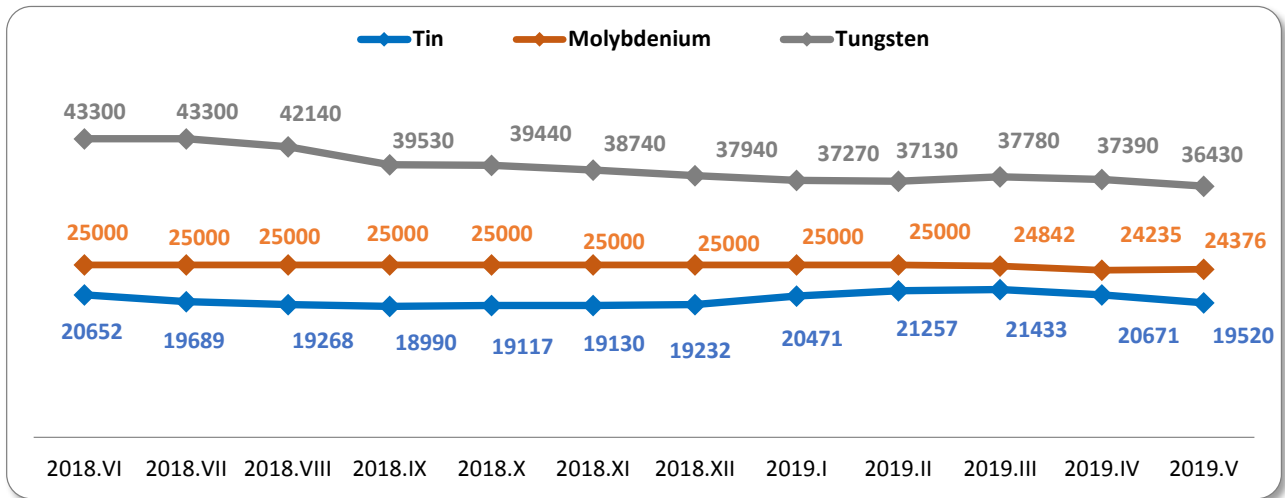
#### 3.3. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, by US\$/tons, last 12 months



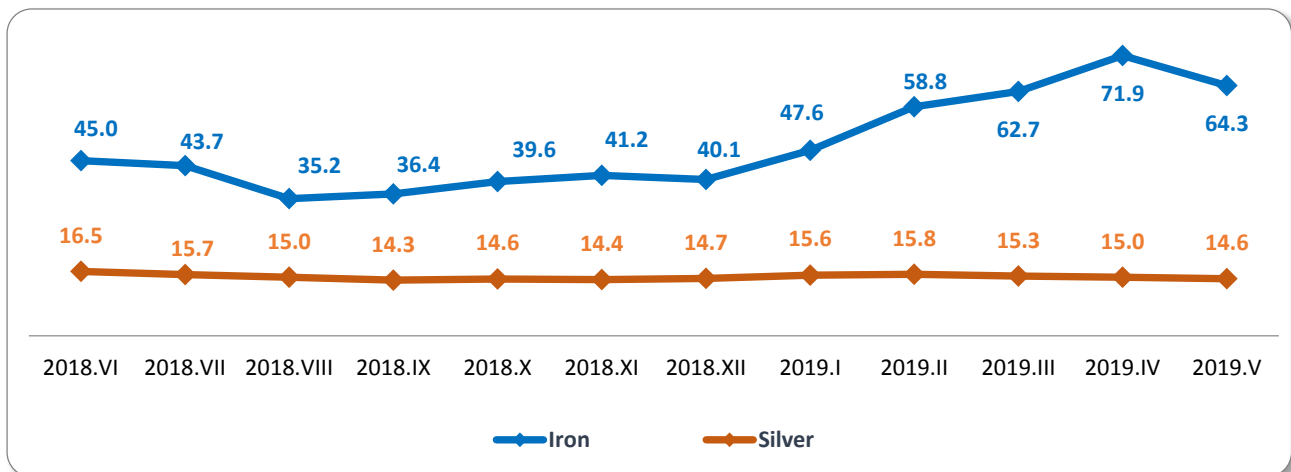
Source: [www.kitco.com](http://www.kitco.com), [www.westmetall.com](http://www.westmetall.com), [www.lme.com](http://www.lme.com), [www.asianmetal.com](http://www.asianmetal.com), [www.lndmin.com](http://www.lndmin.com), [www.umetal.com](http://www.umetal.com) [www.sxcoal.com](http://www.sxcoal.com)



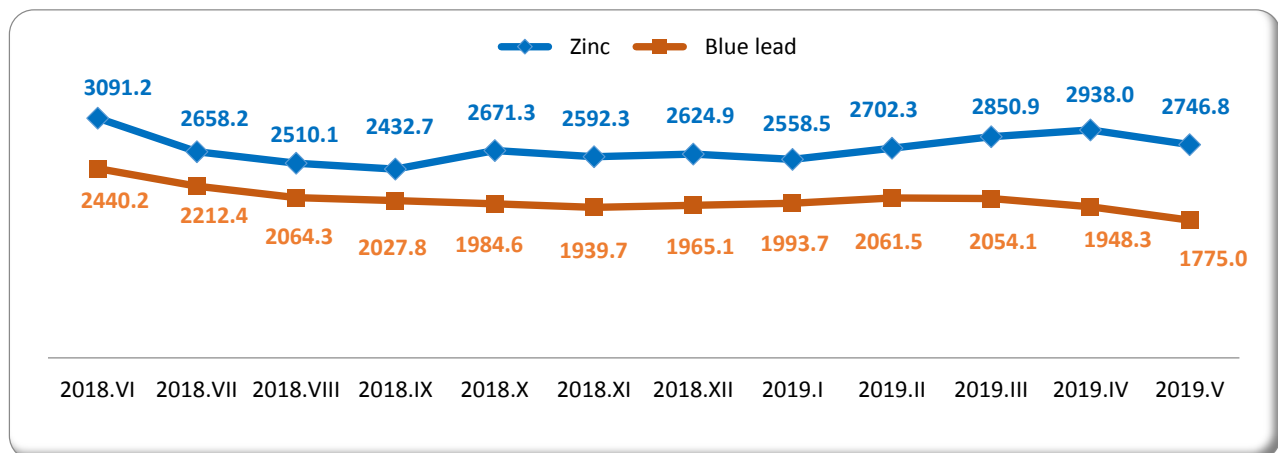
3.4. AVERAGE PRICE OF TIN, MOLYBDENIUM AND TUNGSTEN ON THE WORLD MARKET, by US\$/tons, last 12 months



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](http://www.kitco.com), [www.westmetall.com](http://www.westmetall.com), [www.lme.com](http://www.lme.com), [www.asianmetal.com](http://www.asianmetal.com), [www.lndmin.com](http://www.lndmin.com), [www.umetal.com](http://www.umetal.com) [www.sxcoal.com](http://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 VI.08/
				2018.V	2018	2019.IV	2019.V	<u>2019.V</u> 2018.V	<u>2019.V</u> 2019.IV	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	2.91	2.591	1.618	1.306	44.9%	80.7%	2.51B
Peabody Energy Corporation	NYQ	BTU	USD	39.95	39.3	28.602	26.931	67.4%	94.2%	2.52B
Rio Tinto plc	LSE	RIO.L	GBp	4210	3896	4,626.0	4,538.9	107.8%	98.1%	50.36B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	0.169	0.155	0.151	0.127	75.1%	84.1%	221.99M
Mongolian Mining Corporation	HKG	0975.HK	HKD	0.156	0.171	0.147	0.133	85.3%	90.5%	1.15B
South Gobi Resources Ltd.	HKG	1878.HK	HKD	1.007	1.017	-	1.2	119.2%	-	293.55M
Centerra Gold Inc.	TOR	CG.TO	CAD	7.405	6.276	6.99	7.481	101.0%	107.0%	2.37B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.354	0.367	0.207	0.195	55.1%	94.2%	36.56M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.477	0.536	0.477	0.448	93.9%	93.9%	69.07M
Prophecy Development Corp.	TOR	PCY.TO	CAD	2.836	2.015	0.236	0.197	6.9%	83.5%	15.81M
Steppe Gold Ltd	TOR	STGO.TO	CAD	1.825	1.145	0.759	0.68	37.3%	89.6%	28.69M
Kincora Copper Limited	VAN	KCC.V	CAD	0.137	0.159	0.098	0.095	69.3%	96.9%	6.79M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.01	0.017	-	-	-	-	-
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.196	0.177	0.102	0.083	42.3%	81.4%	45.36M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.017	0.018	0.022	0.019	111.8%	86.4%	53.23M
Haranga Resources Limited	ASX	HAR.AX	AUD	0.003	0.003	-	-	-	-	-
Tian Poh Resources Limited	ASX	TPO.AX	AUD	0.09	0.082	-	-	-	-	-
Banpu Public Company Limited	SET	BANPU.BK	THB	20.67	19.86	16.3	15.124	73.2%	92.8%	75.88B
Petro Matad Limited	LSE	MATD.L	GBp	12.31	8.608	5.134	5.117	41.6%	99.7%	43.46M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	0.009	0.012	-	-	-	-	-

Эх сурвалж: [www.nyse.com](http://www.nyse.com), [www.londonstockexchange.com](http://www.londonstockexchange.com), [www.hkex.com.hk](http://www.hkex.com.hk), [www.tmx.com](http://www.tmx.com), [www.tsx.com](http://www.tsx.com), [www.asx.com.au](http://www.asx.com.au), [www.set.or.th](http://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.V	2018	2019.IV	2019.V	<u>2019.V</u> 2018.V	<u>2019.V</u> 2019.IV
Tavantolgoi	TTL	9806	9059	6468	6410	65.4%	99.1%
Baganuur	BAN	1991	1867	1137	1131	56.8%	99.5%
Shivee-Ovoo	SHV	2127	2087	1858	1845	86.7%	99.3%
Aduunchuluun	ADL	2703	2534	1950	1750	64.7%	89.7%
Shariin Gol	SHG	2384	2261	1671	1600	67.1%	95.8%
Erdene Resource Development Corporation	ERDN	-	605	496	502	-	101.2%
Mogoin gol	BDL	8800	7666	7713	7412	84.2%	96.1%
Bayanteeg	BTG	15200	13919	24000	20660	135.9%	86.1%
Berkh-Uul	BEU	803	802	525	-	-	-
Khar Tarvagatai	TVT	10500	10545	-	-	-	-
Taliin Gal	TAL	16	15	-	-	-	-
Mongol Basalt	MBW	419	345	246	256	61.1%	104.1%
Mongol Ceramic	KEK	-	21000	18040	-	-	-
Silikat	SIL	200	152	-	-	-	-
Sonsolon barmat	SSG	-	891	-	-	-	-
Remicon	RMC	44	37	30	29	65.9%	96.7%
Arig Tal	EER	3620	3631	3600	3243	89.6%	90.1%
Niislel-Urguu	NUR	-	9600	5900	-	-	-
Erchim Bayan-Ulgii	BOE	-	-	-	-	-	-
Khukh Gan	HGN	94	90	72	84	89.4%	116.7%
Nako Tulsh	NKT	147	135	106	83	56.5%	78.3%

Эх сурвалж: [www.mse.mn](http://www.mse.mn)



### 3.9. REHABILITATION WORK BY MINING LICENSE HOLDERS, 2013-2017

	Measurement	2013	2014	2015	2016	2017
Area covered by mining	ha	1037.8	1560.7	871.0	671.0	917.2
Rehabilitated area	ha	806.9	959.6	750.0	623.9	556.5
Expenses for rehabilitation	mln.MNT	7381.7	9211.6	4019.0	1296.0	2560.2
Area covered by technical rehabilitation	ha	532.2	523.1	589.0	954.0	576.3
Area covered by biological rehabilitation	ha	369.9	322.0	320.0	718.0	500.8
Environmental expenses	mln.MNT	3876.3	11683.1	3771.0	5180.0	5155.0
Abusive protection rehabilitation	ha	-	-	-	257.0	45.5
Abusive protection rehabilitation	mln.MNT	-	-	-	739.1	290.5
Remodeling the mine and rehabilitation of the village	ha	-	-	-	29.0	41.9
Remodeling the mine and rehabilitation of the village	mln.MNT	-	-	-	175.0	180.5

### 3.10. AREA COVERED BY MINING AND REHABILITATION AREA IN 2017, by aimags

	Count of entities	Area covered by mining		Area covered by technical rehabilitation		Area covered by biological rehabilitation		Rehabilitated area	
		Ha	Percent	Ha	Percent	Ha	Percent	Ha	Percent
<b>TOTAL</b>	<b>148</b>	<b>917.2</b>	<b>100%</b>	<b>576.3</b>	<b>100%</b>	<b>500.8</b>	<b>100%</b>	<b>556.5</b>	<b>100%</b>
Arkhangai	3	5.3	0.6%	12.2	2.1%	39.3	7.8%	7.8	1.4%
Bayan-Ulgii	1	0.0	0.0%	0.0	0.0%	2.0	0.4%	5.0	0.9%
Bayankhongor	5	9.1	1.0%	16.3	2.8%	4.3	0.9%	10.3	1.9%
Bulgan	5	48.4	5.3%	31.0	5.4%	15.6	3.1%	15.8	2.8%
Bulgan, Selenge	1	4.0	0.4%	2.0	0.3%	0.9	0.2%	0.9	0.2%
Bulgan, Tuv	7	76.1	8.3%	60.6	10.5%	51.3	10.2%	52.4	9.4%
Govi-Altai	2	9.7	1.1%	5.7	1.0%	4.8	1.0%	4.9	0.9%
Darkhan Uul	11	26.0	2.8%	15.6	2.7%	11.1	2.2%	13.3	2.4%
Dornogovi	14	79.4	8.7%	3.4	0.6%	5.1	1.0%	8.2	1.5%
Dornod	4	12.0	1.3%	11.7	2.0%	10.9	2.2%	10.9	2.0%
Dundgovi	6	4.9	0.5%	3.2	0.6%	0.0	0.0%	0.7	0.1%
Zavhan	2	24.6	2.7%	12.2	2.1%	5.8	1.2%	9.7	1.7%
Orkhon	2	162.0	17.7%	2.0	0.3%	3.0	0.6%	5.7	1.0%
Uvurkhangai	5	10.1	1.1%	92.1	16.0%	4.2	0.8%	4.2	0.7%
Umnugovi	3	1.2	0.1%	1.6	0.3%	0.1	0.0%	0.6	0.1%
Sukhbaatar	7	2.6	0.3%	1.1	0.2%	1.4	0.3%	17.1	3.1%
Selenge	13	66.1	7.2%	31.9	5.5%	44.0	8.8%	71.5	12.8%
Tuv	41	327.4	35.7%	247.7	43.0%	286.9	57.3%	306.4	55.1%
Khentii	3	12.2	1.3%	12.3	2.1%	0.0	0.0%	0.0	0.0%
Uvs	13	36.1	3.9%	13.9	2.4%	10.2	2.0%	11.2	2.0%

Source: Mining Industry and Technology Division, MRPAM



## IV. COAL STATISTICS

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

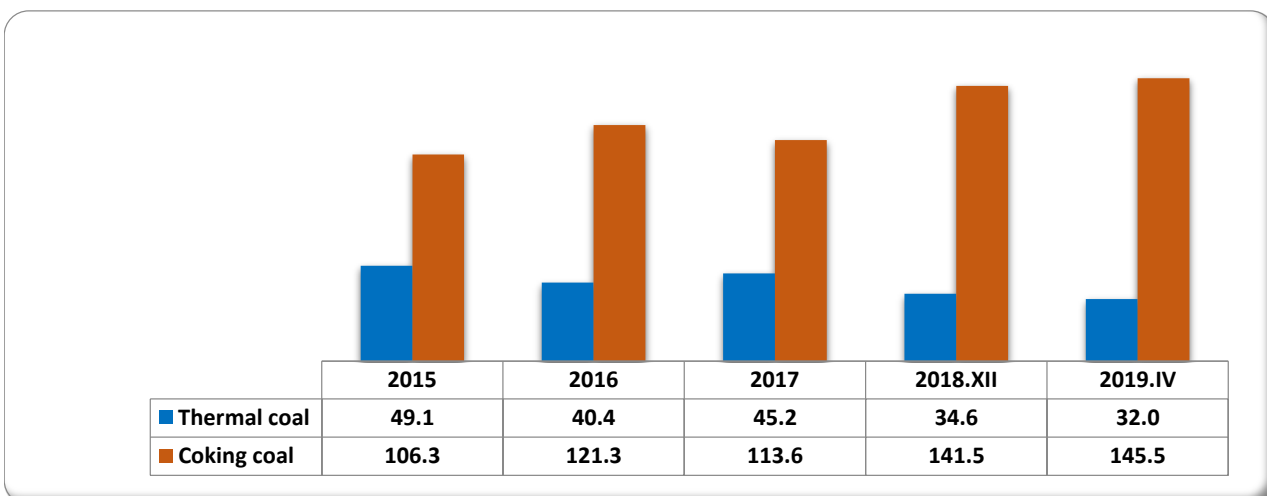
	Striping /ths.m3/	Coal production /th.tons/	Coal sale /th.tons/	Coal export /th.tons/
2014	95,600.0	24,449.0	27,305.0	19,513.0
2015	92,975.0	23,979.0	22,125.0	14,468.0
2016	102,374.3	35,096.5	33,831.7	25,809.3
2017	197,240.8	49,480.3	41,904.6	33,400.1
2018	244,861.2	54,572.3	45,741.9	36,671.4
2019.I-V	106,910.6	23,322.6	19,693.1	15,606.6

### 4.2. COAL SALE, by type, th.tons, 2019.I-V

	TOTAL	Export	Local
<b>TOTAL</b>	<b>19,693.1</b>	<b>15,606.6</b>	<b>4,086.5</b>
Washed coking coal	2,184.6	2,184.6	-
Raw coking coal	7,599.4	7,599.4	-
Weak coking coal	3,661.3	3,661.3	-
Thermal coal	2,161.3	2,161.3	-
Brown coal	4,086.5	-	4,086.5

Source: Coal Research Division, MRPAM

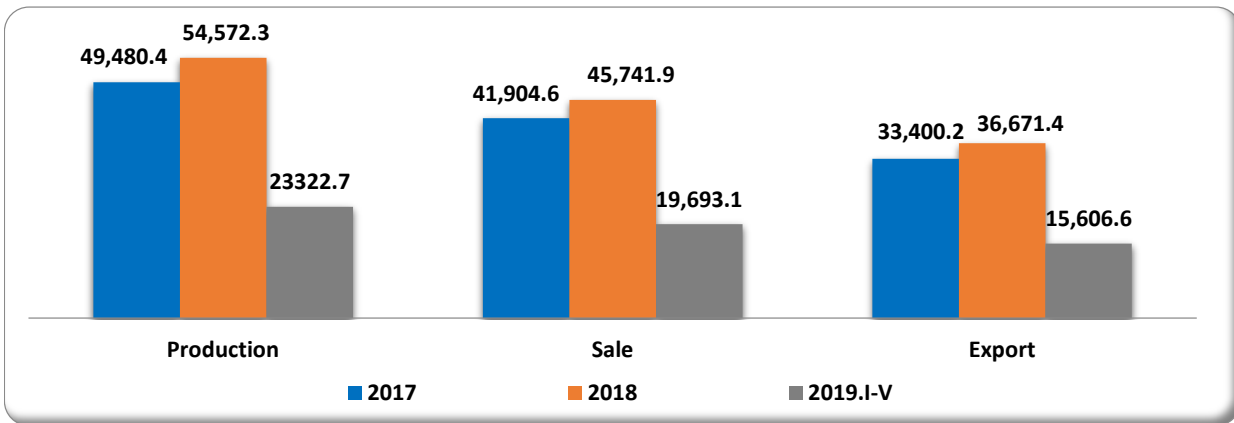
### 4.3. AVERAGE PRICE OF COAL ON THE WORLD MARKET, by US\$/tons, 2015-2019



Source: [www.infomine.com](http://www.infomine.com), [www.sxcoal.com](http://www.sxcoal.com)



#### 4.4. STRIPING, COAL PRODUCTION, SALE AND EXPORT, 2017-2019



#### 4.5. COAL PRODUCTION, SALE AND EXPORT, by month, ths.tons, 2018-2019

	Production	Sale	Export
<b>2018</b>	<b>54,572.3</b>	<b>45,741.9</b>	<b>36,671.4</b>
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
<b>2019.I-V</b>	<b>23,322.7</b>	<b>19,693.1</b>	<b>15,606.6</b>
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
<b>2019.V</b> <b>2018.V</b>	<b>0.5%</b>	<b>-9.4%</b>	<b>-11.4%</b>
<b>2019.I-V</b> <b>2018.I-V</b>	<b>10.5%</b>	<b>2.2%</b>	<b>2.1%</b>

Source: Coal Research Division, MRPAM



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

Type of coal	Name	Classification	Border name	Deposite name	TM	Adb	Vdaf	St,db	Qnet,ar	FSI	GI
					Weight, %				Kcal/kg	Index	
Raw coal	Antracite	Antracite	Shivee khuren	Bayan tes	9.4	20.0	12.6	0.42	5806	0.0	0.0
	Coal	Coking	Khangi	Ail bayan	3.5	12.5	24.1	0.65	7105	9.0	91.2
			Gashuun Sukhai	Baruun, zuun tsankhi	1.8	11.9	27.2	0.95	7280	8.0	78.5
				Tavan tolgoi 4th orifice	2.1	15.2	27.1	0.98	7005	7.0	70.5
			Weak coking	Gashuun Sukhai	Tavan tolgoi 8th orifice	2.1	30.1	33.8	0.99	5860	5.0
		Shivee Khuren		Khuren shand	2.8	6.5	37.8	1.01	7151	6.5	78.5
				Bayan tes	4.8	16.5	35.1	0.88	6302	4.0	52.3
				Chinkhua Mak	3.8	6.7	35.1	0.86	7083	5.0	64.8
				SGS	2.8	10.6	36.7	1.05	6757	4.5	64.5
		Zamiin-Uud		Mogoin gol	2.4	12.3	33.1	1.01	7384	9.0	98.5
		Non coking	Gashuun Sukhait	ETT erchim khuch	3.2	30.2	27.2	0.93	6940	0.0	0.0
				Tavan tolgoi erchim khuch	2.8	40.5	33.7	1.01	4506	0.0	0.0
			Shivee Khuren	Nariin sukhait SGS	5.8	27.7	41.2	0.99	5238	1.0	13.1
				Bayan tes	15.3	20.6	38.3	0.5	4680	0.0	0.0
		Other	Zamiin-Uud	Dalan Chkha	4.1	20.3	15.2	1.14	6220	0.0	0.0
				Bor khul	1.3	29.2	51.5	0.75	6176	0.0	0.0
	Washed coal	Coal	Coking	Yarant	Khushuut	3.1	23.5	19.2	0.70	6350	6.0

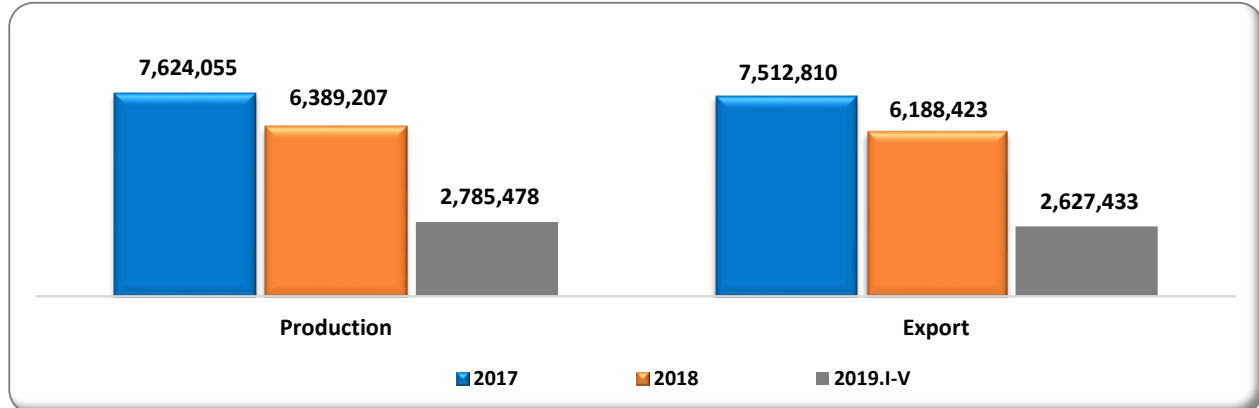
Source: Mining and Petroleum Central Laboratory, MRPAM





## V. PETROLEUM STATISTICS

### 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
<b>2018</b>	<b>6,389,207</b>	<b>100%</b>	<b>6,188,423</b>	<b>100%</b>
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%
<b>2019.I-V</b>	<b>2,785,478</b>	<b>100%</b>	<b>2,627,433</b>	<b>100%</b>
2019.I	586,196	21.0%	533,836	20.3%
2019.II	515,318	18.5%	477,824	18.2%
2019.III	569,607	20.4%	609,104	23.2%
2019.IV	549,431	19.7%	484,692	18.4%
2019.V	564,927	20.3%	521,977	19.9%
<b>2019.I-V</b> <b>2018.I-V</b>	<b>-1.9%</b>	<b>-</b>	<b>-5.0%</b>	<b>-</b>
<b>2019.I-V</b> <b>2017.I-V</b>	<b>-10.6%</b>	<b>-</b>	<b>-15.0%</b>	<b>-</b>
<b>2019.V</b> <b>2018.V</b>	<b>1.4%</b>	<b>-</b>	<b>-6.0%</b>	<b>-</b>

Source : Petroleum Exploitation Division, MRPAM



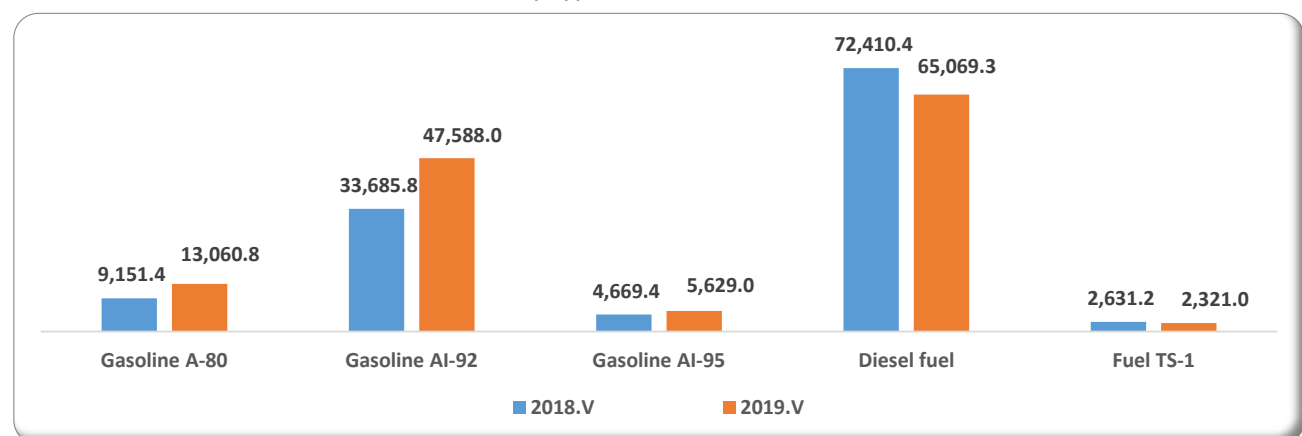
### 5.3. PETROLEUM PRODUCTS IMPORTING, by type, months, tons, 2018-2019

	TOTAL	Gasoline A-80	Gasoline AI-92	Gasoline AI-95	Gasoline AI-98	Diesel fuel	Fuel TS-1	Lique- fied gas	Other
<b>2018</b>	<b>1,870,930</b>	<b>71,599</b>	<b>400,751</b>	<b>20,822</b>	<b>1,541</b>	<b>953,905</b>	<b>65,865</b>	<b>39,503</b>	<b>316,945</b>
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
<b>2019.I-V</b>	<b>636,507</b>	<b>25,763</b>	<b>174,243</b>	<b>7,742</b>	<b>486</b>	<b>356,701</b>	<b>21,045</b>	<b>17,014</b>	<b>33,515</b>
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
<b>2019.I-V</b> <b>2018.I-V</b>	12.0%	71.9%	42.5%	39.2%	19.3%	19.0%	4.6%	26.9%	-57.9%
<b>2019.V</b> <b>2018.V</b>	-13.9%	50.2%	-7.2%	19.4%	-65.3%	2.5%	-76.9%	-4.8%	-54.6%

### 5.4. PETROLEUM PRODUCTS IMPORTING, by type, countries, tons, 2019.V

	TOTAL	Russia	China	Republic of Korea	Other countries
<b>TOTAL</b>	<b>140,470</b>	<b>135,980</b>	<b>1,400</b>	<b>3,091</b>	<b>0</b>
Gasoline A-80	4,163	4,163	-	-	-
Gasoline AI-92	33,267	33,267	-	-	-
Gasoline AI-95	1,759	1,759	-	-	-
Gasoline AI-98	60	60	-	-	-
Diesel fuel	80,658	79,434	1,224	-	-
Fuel TS-1	1,012	1,012	-	-	-
Lique- fied gas	2,760	2,555	-	205	-
Other	16,791	13,729	176	2,886	-

### 5.5. RESIDUE OF PETROLEUM PRODUCTS, by type, tons, 2018.V, 2019.V



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.VI.01	518.67	-1.6%	585.43	2.6%	496.21	-7.5%	487.67	1.6%
2018.VI.08	512.58	-1.2%	580.56	-0.8%	535.75	8.0%	487.09	-0.1%
2018.VI.15	520.38	1.5%	576.99	-0.6%	530.93	-0.9%	487.09	0.0%
2018.VI.26	518.35	-0.4%	563.01	-2.4%	529.10	-0.3%	508.61	4.4%
2018.VII.03	578.59	11.6%	601.99	6.9%	549.78	3.9%	528.89	4.0%
2018.VII.06	576.80	-0.3%	585.96	-2.7%	549.78	0.0%	502.28	-5.0%
2018.VII.13	554.09	-3.9%	572.36	-2.3%	540.43	-1.7%	470.95	-6.2%
2018.VII.20	532.63	-3.9%	555.19	-3.0%	509.00	-5.8%	472.84	0.4%
2018.VII.27	535.99	0.6%	568.03	2.3%	521.79	2.5%	480.47	1.6%
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.09	503.37	10.1%	540.37	7.1%	462.30	-2.3%	459.90	5.4%
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%

Source: [www.wtrg.com](http://www.wtrg.com), [www.bloomberg.com](http://www.bloomberg.com), [www.ineng.org](http://www.ineng.org), [www.reuters.com](http://www.reuters.com), [www.oil.in-en.com](http://www.oil.in-en.com), [www.topoilnews.com](http://www.topoilnews.com), [www.nymex.com](http://www.nymex.com), [www.finmarket.ru](http://www.finmarket.ru), [www.quandl.com](http://www.quandl.com), [www.topoilnews.com](http://www.topoilnews.com)



5.7.RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, *by provinces, MNT/litre, 2019.IV.30, 2019.V.28*

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2019. IV.30	2019. V.28	<u>2019.IV.30</u> <u>2019.V.28</u>	2019. IV.30	2019. V.28	<u>2019.IV.30</u> <u>2019.V.28</u>	2019. IV.30	2019. V.28	<u>2019.IV.30</u> <u>2019.V.28</u>	2019. IV.30	2019. V.28	<u>2019.IV.30</u> <u>2019.V.28</u>
<b>NATIONAL AVERAGE PRICE</b>	<b>1803</b>	<b>1875</b>	<b>4.0%</b>	<b>1885</b>	<b>1980</b>	<b>5.0%</b>	<b>2248</b>	<b>2325</b>	<b>3.5%</b>	<b>2401</b>	<b>2445</b>	<b>1.9%</b>
<b>Western region</b>	<b>1908</b>	<b>1924</b>	<b>0.8%</b>	<b>1976</b>	<b>2039</b>	3.2%	-	-	-	<b>2412</b>	<b>2445</b>	<b>1.4%</b>
Bayan-Ulgii	1800	1800	0.0%	1880	1880	0.0%	-	-	-	2190	2190	0.0%
Govi-Altai	1900	1940	2.1%	1970	2050	4.1%	-	-	-	2500	2540	1.6%
Zavkhan	1990	2030	2.0%	2035	2110	3.7%	-	-	-	2535	2580	1.8%
Uvs	1870	1870	0.0%	1940	2020	4.1%	-	-	-	2360	2400	1.7%
Hovd	1980	1980	0.0%	2055	2135	3.9%	-	-	-	2475	2515	1.6%
<b>Hangai region</b>	<b>1744</b>	<b>1839</b>	<b>5.4%</b>	<b>1840</b>	<b>1934</b>	<b>5.1%</b>	<b>2227</b>	<b>2315</b>	<b>4.0%</b>	<b>2386</b>	<b>2437</b>	<b>2.2%</b>
Arkhangai	1820	1900	4.4%	1865	1990	6.7%	2250	2350	4.4%	2430	2490	2.5%
Bayankhongor	1855	1940	4.6%	1885	2000	6.1%	-	-	-	2435	2520	3.5%
Bulgan	1670	1770	6.0%	1800	1875	4.2%	2200	2290	4.1%	2350	2380	1.3%
Uvurkhangai	1825	1900	4.1%	1865	1990	6.7%	2250	2350	4.4%	2415	2490	3.1%
Orkhon	1645	1770	7.6%	1785	1860	4.2%	2200	2290	4.1%	2340	2370	1.3%
Selenge	1645	1770	7.6%	1785	1860	4.2%	2200	2290	4.1%	2330	2370	1.7%
Khuvsgul	1750	1820	4.0%	1895	1960	3.4%	2260	2320	2.7%	2400	2440	1.7%
<b>Central region</b>	<b>1768</b>	<b>1853</b>	<b>4.8%</b>	<b>1859</b>	<b>1958</b>	<b>5.3%</b>	<b>2254</b>	<b>2322</b>	<b>3.0%</b>	<b>2391</b>	<b>2438</b>	<b>2.0%</b>
Ulaanbaatar	1763	1798	2.0%	1860	1940	4.3%	2293	2325	1.4%	2370	2407	1.5%
Tuv	1740	1830	5.2%	1780	1920	7.9%	2220	2330	5.0%	2340	2400	2.6%
Darkhan	1645	1770	7.6%	1815	1860	2.5%	2200	2290	4.1%	2360	2370	0.4%
Govisumber	1810	1860	2.8%	1860	1940	4.3%	2240	2330	4.0%	2440	2480	1.6%
Dundgovi	1840	1890	2.7%	1890	1970	4.2%	2300	2340	1.7%	2290	2320	1.3%
Dornogovi	1750	1890	8.0%	1850	2010	8.6%	2240	2320	3.6%	2420	2500	3.3%
Umnugovi	1850	1900	2.7%	1930	2010	4.1%	2240	2320	3.6%	2490	2530	1.6%
Zamin Uud	1750	1890	8.0%	1890	2010	6.3%	2300	2320	0.9%	2420	2500	3.3%
<b>Eastern region</b>	<b>1833</b>	<b>1963</b>	<b>7.1%</b>	<b>1890</b>	<b>2030</b>	<b>7.4%</b>	<b>2218</b>	<b>2340</b>	<b>5.5%</b>	<b>2445</b>	<b>2500</b>	<b>2.2%</b>
Dornod	1840	1960	6.5%	1900	2040	7.4%	2180	2330	6.9%	2430	2500	2.9%
Sukhbaatar	1865	1980	2.8%	1925	2050	6.5%	2240	2350	4.9%	2475	2500	1.0%
Khentii	1795	1950	8.6%	1845	2000	8.4%	2235	2340	4.7%	2430	2500	2.9%

Source : Petroleum Products Division, MRPAM



5.8. RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, *by type, end of month, MNT/litre, 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
<b>2019.V.28</b>	<b>4.0%</b>	<b>5.0%</b>	<b>3.5%</b>	<b>1.9%</b>
<b>2019.IV.30</b>				
<b>2019.V.28</b>	<b>12.4%</b>	<b>9.2%</b>	<b>9.2%</b>	<b>17.2%</b>
<b>2018.V.29</b>				
<b>2019.V.28</b>	<b>19.6%</b>	<b>16.0%</b>	<b>25.0%</b>	<b>36.5%</b>
<b>2017.V.23</b>				

Source : Petroleum Products Division, MRPAM

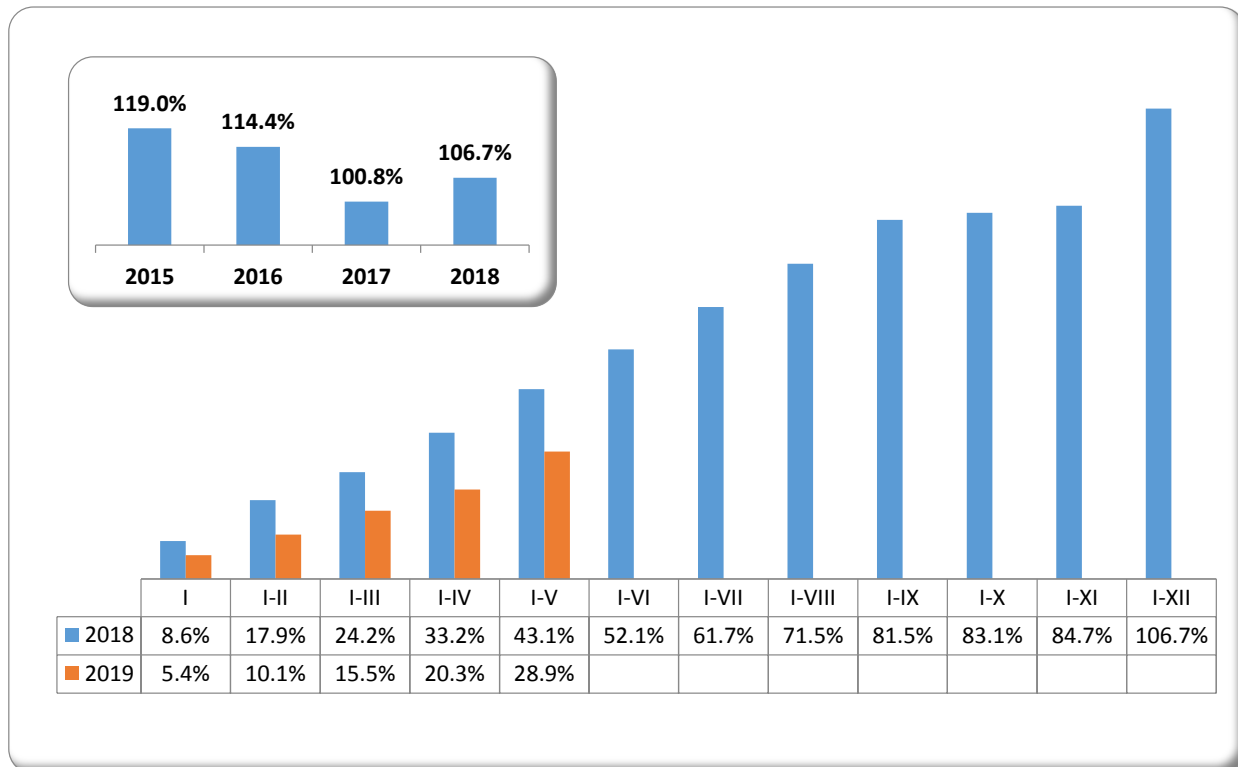


## 6. STATISTICS OF STATE INVESTMENT REVENUE

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

	Plan of 2019	Performance	
		2019.I-V	Performance rate %
License fee	42,900.0	13,480.2	31.4%
Reimbursement	2,300.0	2,474.1	107.6%
Petroleum export revenue	335,600.0	92,536.1	27.6%
Service revenue /petroleum/	2,717.7	1,483.4	54.6%
Service revenue /mineral resources/	9,282.4	1,146.8	12.4%
Tender revenue	11,250.0	5,697.1	50.6%

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



Source: Public Administration and Management Division, MRPAM

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**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 Laboratory	70183105

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CALL CENTER OF GOVERNMENT	11-11
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