



**MINISTRY OF MINING  
AND HEAVY INDUSTRY**



**MINERAL RESOURCES AND  
PETROLEUM AUTHORITY  
OF MONGOLIA**



# **MINERAL RESOURCES AND PETROLEUM STATISTICS 2019/04**

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## KEY INDICATORS

Valid mining and exploration licenses <b>2983</b> (2019.V.03)	Valid licensed area size <b>8,4 mln.ha</b> (2019.IV.03)	Percent of total area in Mongolia's territory <b>5.4%</b> (2019.V.03)
Average price of gold on the world market <b>1286.4 US\$/ounce</b> (2019.IV)	Average price of copper on the world market <b>6444.5 US\$/tons</b> (2019.IV)	Average price of thermal coal on the world market <b>32.0 US\$/tons</b> (2019.IV)
Average price of coking coal on the world market <b>145.5 US\$/tons</b> (2019.IV)	Coal production <b>18078.1 ths.tons</b> (2019.I-IV)	Coal sale <b>15801.4 ths.tons</b> (2019.I-IV)
Coal export <b>12228.4 ths.tons</b> (2019.I-IV)	Petroleum production <b>222050 barrel</b> (2019.I-IV)	Petroleum export <b>2106208 barrel</b> (2019.I-IV)
Petroleum import <b>636507.3 tons</b> (2019.I-IV)	National average price of gasoline A-80 <b>1803 MNT</b> (2019.IV.30)	National average price of gasoline AI-92 <b>1885 MNT</b> (2019.IV.30)
National average price of gasoline AI-95 <b>2248 MNT</b> (2019.IV.30)	National average price of diesel fuel <b>2401 MNT</b> (2019.IV.30)	Performance rate of MRPAM's budget revenue <b>20.3%</b> (2019.I-IV)



## I. STATISTICS OF MINERAL LICENSES AND AREA SIZE

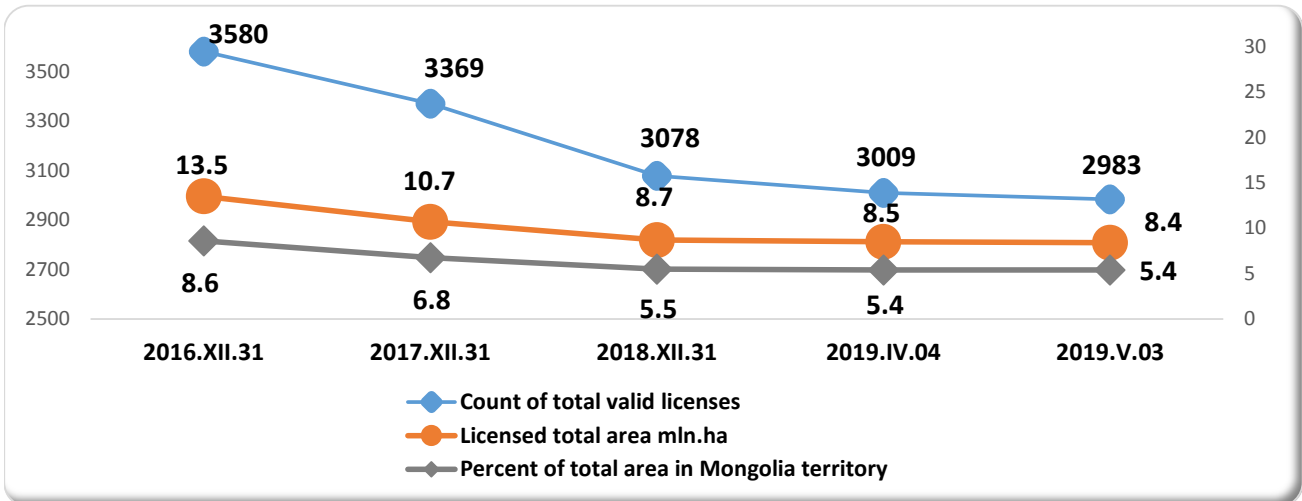
### 1.1. COUNT OF VALID LICENSES AND AREA SIZE, *by provinces, 2019.V.03*

	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>2983</b>	<b>8390.5</b>	<b>5.4%</b>	<b>1682</b>	<b>1656.4</b>	<b>1.1%</b>	<b>1301</b>	<b>6734.1</b>	<b>4.3%</b>
Arkhangai	36	71.9	1.3%	27	13.0	0.2%	9	58.9	1.1%
Bayan-Ulgii	64	167.5	3.7%	27	12.9	0.3%	37	154.7	3.4%
Bayankhongor	162	419.4	3.6%	90	92.5	0.8%	72	326.9	2.8%
Bulgan	114	166.7	3.4%	72	35.7	0.7%	42	131.1	2.7%
Uvurkhangai	50	138.0	2.2%	29	15.7	0.2%	21	122.3	1.9%
Govi-Altai	155	839.1	5.9%	50	89.1	0.6%	105	750.0	5.3%
Govisumber	17	45.5	8.2%	13	38.9	7.0%	4	6.6	1.2%
Darkhan Uul	76	17.5	5.4%	63	7.7	2.3%	13	9.8	3.0%
Dornogovi	366	1447.6	13.2%	181	230.0	2.1%	185	1217.6	11.1%
Dornod	162	538.5	4.4%	75	63.1	0.5%	87	475.4	3.8%
Dundgovi	208	730.1	9.8%	101	171.9	2.3%	107	558.2	7.5%
Zavhan	58	306.2	3.7%	9	14.1	0.2%	49	292.1	3.5%
Umnugovi	206	1315.3	8.0%	101	513.4	3.1%	105	801.9	4.9%
Orkhon	9	11.1	13.2%	9	11.1	13.2%	0	0.0	0.0%
Sukhbaatar	103	403.3	4.9%	62	48.9	0.6%	41	354.5	4.3%
Selenge	180	97.3	2.3%	142	42.5	1.0%	38	54.8	1.3%
Tuv	415	446.2	6.0%	299	149.3	2.0%	116	296.9	4.0%
Uvs	141	442.1	6.4%	48	21.2	0.3%	93	420.9	6.0%
Ulaanbaatar	181	13.8	2.9%	169	12.4	2.6%	12	1.4	0.3%
Khuvsgul	28	18.7	0.2%	22	10.3	0.1%	6	8.4	0.1%
Khovd	116	316.9	4.2%	34	13.6	0.2%	82	303.3	4.0%
Khentii	236	437.6	5.4%	117	49.2	0.6%	119	388.4	4.8%

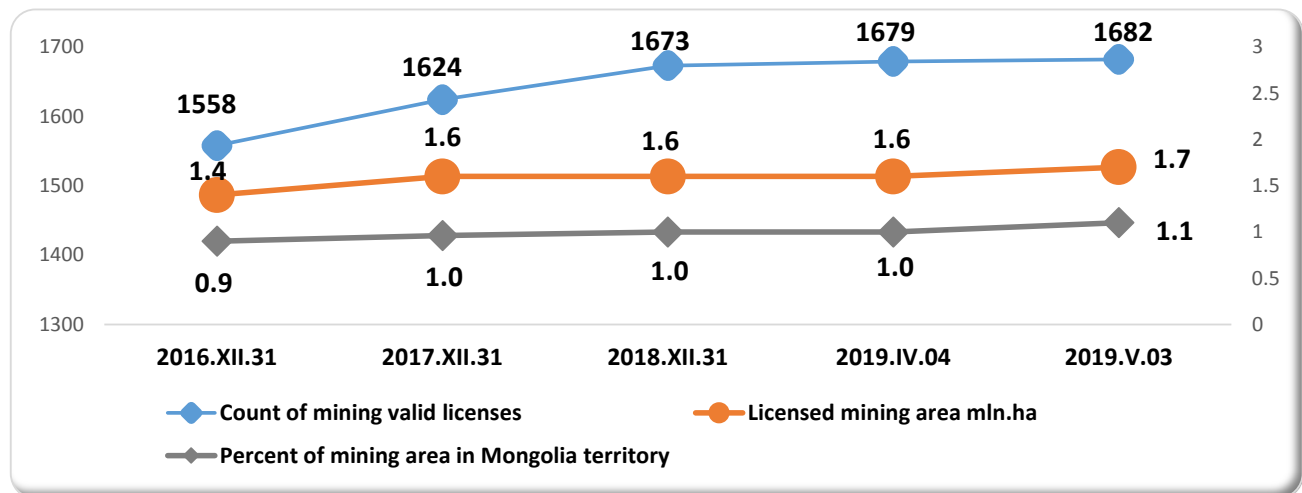
Source: Cadastre Division, MRPAM



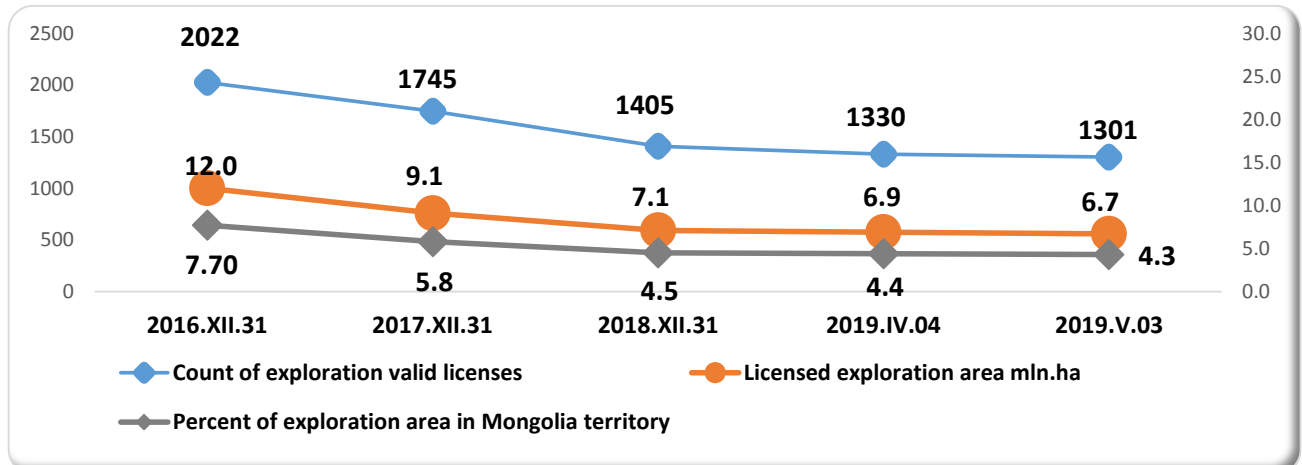
**1.2. COUNT OF TOTAL VALID LICENSES, LICENSED TOTAL AREA AND PERCENT OF TOTAL AREA IN MONGOLIA'S TERRITORY, 2016-2019**



**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.V.03

	Mining license		Area size	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>1682</b>	<b>100.0%</b>	<b>1,656,363.7</b>	<b>100.0%</b>
Coal	320	19.0%	862,651.6	52.1%
Gold	549	32.6%	236,938.2	14.3%
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	4.6%
Construction materials	111	6.6%	59,059.4	3.6%
Iron	70	4.2%	40,904.1	2.5%
Fluorite	182	10.8%	26,952.6	1.6%
Concentrated metal	11	0.7%	21,100.2	1.3%
Continental / common mineral	204	12.1%	20,387.0	1.2%
Chromium	1	0.1%	15,805.8	1.0%
Graphite	6	0.4%	12,428.1	0.8%
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	1	0.1%	2,621.7	0.2%
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%
Other	79	4.7%	12,839.6	0.8%

Source: Cadastre Division, MRPAM



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

	Hectare	Percent of total territory
Valid mining licensed area	1.7	1.1%
Valid exploration licensed area	6.7	4.3%
State protected area	29.1	18.6%
Special purpose area	28.9	18.5%
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, 2019.V.03

	Count of area		Area size	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>208</b>	<b>100%</b>	<b>879.7</b>	<b>100%</b>
Arkhangai	1	0.5%	4.8	0.5%
Bayan-Ulgii	2	1.0%	53.7	6.1%
Bayankhongor	47	22.6%	122.5	13.9%
Bulgan	28	13.5%	120.7	13.7%
Govi-Altai	1	0.5%	5.7	0.6%
Darkhan Uul	6	2.9%	16.6	1.9%
Dornogovi	11	5.3%	55.0	6.2%
Dornod	2	1.0%	26.2	3.0%
Dundgovi	10	4.8%	89.6	10.2%
Uvurkhangai	11	5.3%	4.6	0.5%
Umnugovi	8	3.8%	31.6	3.6%
Selenge	43	20.7%	175.7	20.0%
Tuv	12	5.8%	78.3	8.9%
Ulaanbaatar	5	2.4%	19.0	2.2%
Khovd	1	0.5%	5.3	0.6%
Khentii	20	9.6%	70.5	8.0%

Source: Cadastre Division, MRPAM





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

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>1825</b>	<b>2983</b>	<b>8,390,498.4</b>	<b>100%</b>
Mongolian entities	1467	2332	6138420.16	73.2%
100% foreign entities	257	448	1,725,677.3	20.5%
Joint foreign entities	101	203	526,401.0	6.3%

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

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>257</b>	<b>448</b>	<b>1,725,677.3</b>	<b>100%</b>
China	133	173	416,447.5	24.13%
Virgin Islands	35	74	198,159.0	11.48%
Singapore	17	63	382,094.2	22.14%
Hong Kong	16	31	182,954.3	10.60%
Canada	12	28	271,301.6	15.72%
South Korea	10	15	34,093.7	1.98%
Australia	6	7	32,354.6	1.87%
Russia	4	19	6,716.0	0.39%
Holland	4	5	109,516.6	6.35%
Luxemburg	2	3	13,528.2	0.78%
Japan	2	4	3,015.1	0.17%
Bermud	2	3	7,314.3	0.42%
Germany	2	2	603.9	0.03%
United States of America	2	6	3,167.8	0.18%
Malaysia	1	1	2,416.5	0.14%
Luxemburg, Seychelles	1	1	36,391.0	2.11%
Great Britain	1	1	450.6	0.03%
Ukraine	1	3	245.0	0.01%
Bulgaria	1	1	3,700.9	0.21%
Barbados	1	1	10,040.0	0.58%
United States of America, China	1	1	837.1	0.05%
Russia, South Korea	1	2	118.2	0.01%
Russia, China	1	1	47.5	0.00%
Virgin Islands, Singapore	1	3	10,163.7	0.59%

Source: Cadastre Division, MRPAM



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

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>101</b>	<b>203</b>	<b>526,401.0</b>	<b>100%</b>
Mongolia, China	47	67	51,742.9	9.8%
Mongolia, South Korea	10	18	55,638.3	10.6%
Mongolia, Russia	7	8	1,034.2	0.2%
Mongolia, Virgin Islands	6	10	35,233.8	6.7%
Mongolia, Japan	5	56	165,543.3	31.4%
Mongolia, Germany	4	5	13,260.1	2.5%
Mongolia, Czech Republic	4	7	52,526.3	10.0%
Mongolia, Singapore	3	7	39,235.5	7.5%
Mongolia, Great Britain	2	4	12,989.7	2.5%
Mongolia, Hong Kong	1	4	13,737.6	2.6%
Mongolia, Luxemburg	1	1	3,273.9	0.6%
Mongolia, Canada, China	1	1	6,352.8	1.2%
Mongolia, Singapore, Hong Kong	1	1	1,469.5	0.3%
Mongolia, Hungary	1	1	87.4	0.0%
Mongolia, Russia, Ukraine	1	1	46.9	0.0%
Mongolia, Hong Kong, Japan	1	3	43,809.3	8.3%
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%
Mongolia, Poland	1	1	1,561.3	0.3%
Macao, Mongolia, Hong Kong	1	2	18,260.9	3.5%
Kazakhstan, Mongolia, Holland	1	1	1,789.4	0.3%
Mongolia, Canada	1	1	3,957.7	0.8%

Source: Cadastre Division, MRPAM



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

	License		Area	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>252</b>	<b>100%</b>	<b>304,336.3</b>	<b>100%</b>
Trade and Development Bank	33	13.10%	45,226.4	14.86%
Development Bank of Mongolia	31	12.30%	26,989.8	8.87%
Golomt Bank	24	9.52%	16,714.7	5.49%
Ulaanbaatar City Bank	22	8.73%	14,114.3	4.64%
Capital Bank	14	5.56%	1,756.2	0.58%
HAAN Bank	14	5.56%	2,673.9	0.88%
Golomt, Saving, Zoos, Anod Banks	11	4.37%	80,891.6	26.58%
XAC Bank	11	4.37%	2,616.7	0.86%
Anod Bank	9	3.57%	7,355.5	2.42%
European Bank for Reconstruction and Development	7	2.78%	2,658.5	0.87%
Chinggis Khan Bank	7	2.78%	2,703.2	0.89%
GSB capital BBSB	6	2.38%	10,609.2	3.49%
Capitronbank	5	1.98%	1,431.0	0.47%
Bank of China	5	1.98%	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	1.19%	1,852.1	0.61%
Bogd bank	3	1.19%	154.0	0.05%
Saving bank	3	1.19%	10,911.8	3.59%
Khutult nomgon	3	1.19%	294.2	0.10%
Export-Import Bank of China	3	1.19%	1,092.0	0.36%
Triple flag mining finance Bermuda Ltd	3	1.19%	13,017.0	4.28%
World Gold	2	0.79%	2,194.9	0.72%
Erel bank	2	0.79%	150.3	0.05%
First lithium Corporation	2	0.79%	17,131.1	5.63%
Zoos Bank	2	0.79%	19,298.9	6.34%
Other	19	7.54%	19,654.4	6.46%

Source: Cadastre Division, MRPAM



1.12. LIST OF LICENSE HOLDERS WITH 10 AND ABOVE LICENSES, 2019.V.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	30	16,136.4	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	67,611.2	Entity with 100% foreign investment	Singapore
6	Golden east mongolia	15	207,645.0	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.V.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-III	2019.I-IV
<b>TOTAL</b>	<b>613</b>	<b>813</b>	<b>1187</b>	<b>221</b>	<b>311</b>
<b>New license</b>	<b>131</b>	<b>288</b>	<b>226</b>	<b>36</b>	<b>64</b>
Mining	103	65	78	12	19
Exploration	0	0	0	0	0
Tender	28	223	148	24	45
<b>Extension of exploration license</b>	<b>173</b>	<b>231</b>	<b>657</b>	<b>151</b>	<b>197</b>
<b>Transfer</b>	<b>139</b>	<b>153</b>	<b>157</b>	<b>15</b>	<b>17</b>
Mining	49	78	25	3	4
Exploration	90	75	132	12	13
<b>Pledge</b>	<b>33</b>	<b>37</b>	<b>61</b>	<b>9</b>	<b>11</b>
Mining	30	32	58	9	11
Exploration	3	5	3	0	0
<b>Surrender</b>	<b>137</b>	<b>104</b>	<b>86</b>	<b>10</b>	<b>22</b>
Mining	26	14	12	1	2
Exploration	111	90	74	9	20

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

	2016	2017	2018	2019.I-III	2019.I-IV
<b>New license</b>	<b>750</b>	<b>151</b>	<b>85</b>	<b>31</b>	<b>45</b>
Mining	93	77	61	9	12
Exploration	629	41	5	0	0
Tender	28	33	19	22	33
<b>Surrendered</b>	<b>166</b>	<b>97</b>	<b>91</b>	<b>9</b>	<b>17</b>
Mining	25	13	11	1	2
Exploration	141	84	80	8	15
<b>Canceled</b>	<b>241</b>	<b>237</b>	<b>181</b>	<b>46</b>	<b>53</b>
Mining	37	35	33	9	11
Exploration	204	202	148	37	42
<b>Expired</b>	<b>124</b>	<b>176</b>	<b>209</b>	<b>66</b>	<b>107</b>
<b>Transferred</b>	<b>146</b>	<b>136</b>	<b>172</b>	<b>21</b>	<b>23</b>
Mining	50	62	38	6	7
Exploration	96	74	134	15	16
<b>Extended</b>	<b>167</b>	<b>162</b>	<b>566</b>	<b>166</b>	<b>166</b>
<b>Pledged</b>	<b>29</b>	<b>39</b>	<b>56</b>	<b>9</b>	<b>10</b>
Mining	27	34	53	9	10
Exploration	2	5	3	0	0
<b>Terminated pledges</b>	<b>16</b>	<b>39</b>	<b>27</b>	<b>3</b>	<b>4</b>
Mining	12	38	26	3	4
Exploration	4	1	1	0	0
<b>Re-issue of license documents</b>	<b>35</b>	<b>26</b>	<b>40</b>	<b>2</b>	<b>4</b>
Mining	15	19	13	1	2
Exploration	20	7	27	1	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-IV	
	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>2,617.0</b>	<b>10.6%</b>
1:200000 scale geological map	642.7	100%	482.3	100.0%	408.5	100%	78.8	0.3%
1:50000 scale geological map, general survey	4,975.8	100%	5,355.9	100.0%	4,692.7	100%	906.1	3.7%
Thematic work	3,476.1	100%	6,274.6	80.8%	8,144.1	100%	1,562.0	6.3%
Collaborative projects	246.6	100%	142.4	100.0%	90.0	100%	70.1	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%

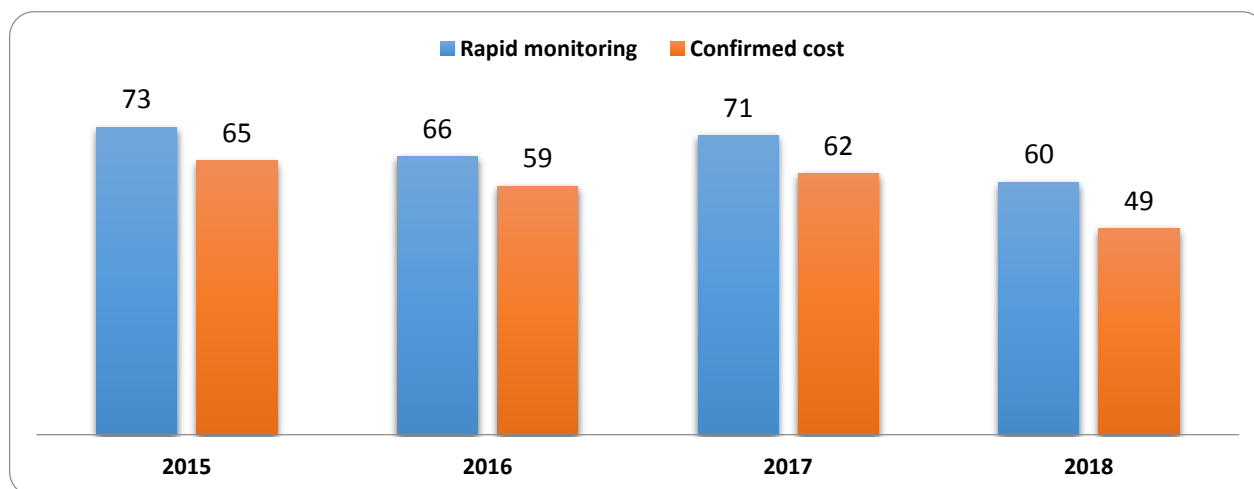
Source: Geology and Exploration Division, MRPAM



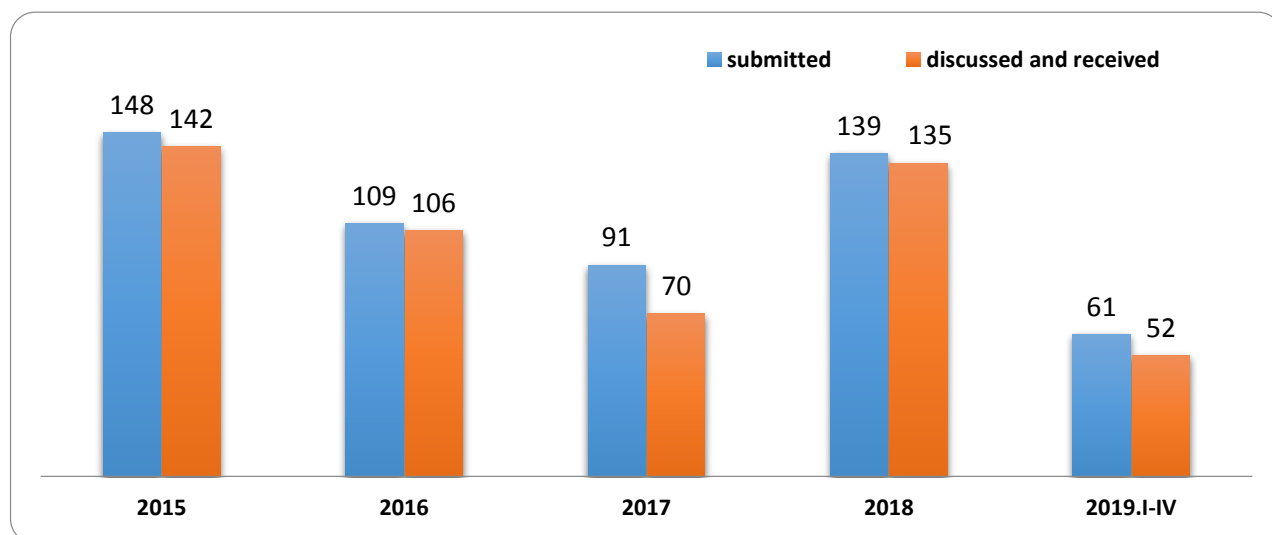
### 2.3. ANNUAL EXPLORATION PLAN, REPORT SUBMITTED AND NUMBER OF OF LICENSES CERTIFIED FOR EXPLORATION EXPENDITURE, 2015-2019

	2015	2016	2017	2018	2019.I-IV
Plan attendance	97.2%	85.3%	98.6%	98.8%	99.3%
Report attendance	69.9%	83.0%	88.5%	92.5%	-
Minimum review of exploration expenditure report	97.0%	99.7%	98.0%	36.0%	-
Cost of financial statements	91.7%	94.9%	90.8%	31.0%	-

### 2.4. SPECIAL RAPID TRACKING FOR GEOLOGICAL EXPLORATION PERMITS AND NUMBERS, 2014-2018



### 2.5. RECEIVED EXPLORATION REPORT, 2015-2019



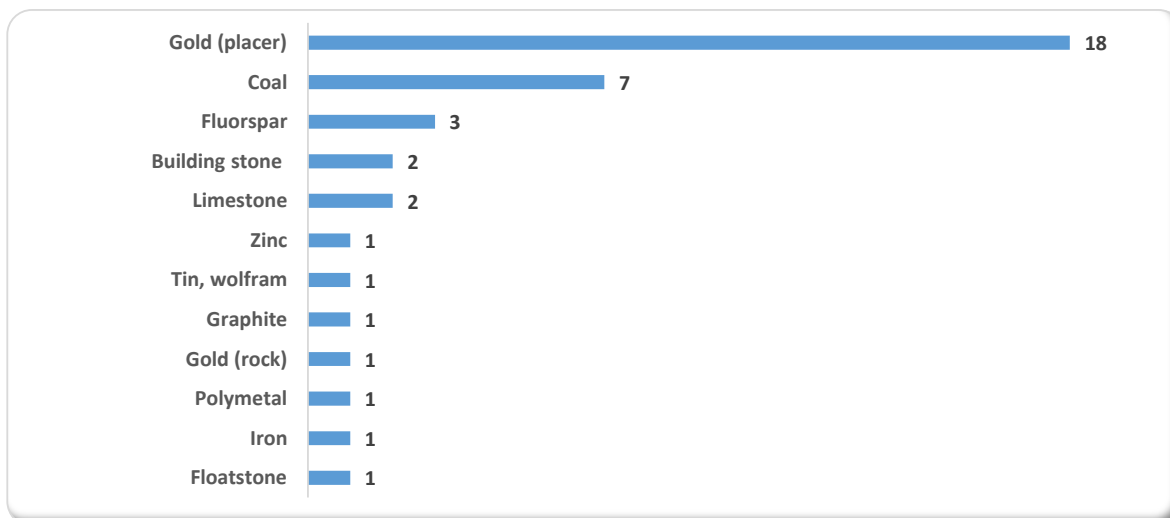
Source: Geology and Exploration Division, MRPAM



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

	Unit	2018		2019.I-IV	
		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	2,413.7	2,138.9
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	-	-	4,876.4	-
Graphite	ths.t	-	-	347.4	-
Marble	ths.m3	-	-	63,987.8	-

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



Source: Geology and Exploration Division, MRPAM



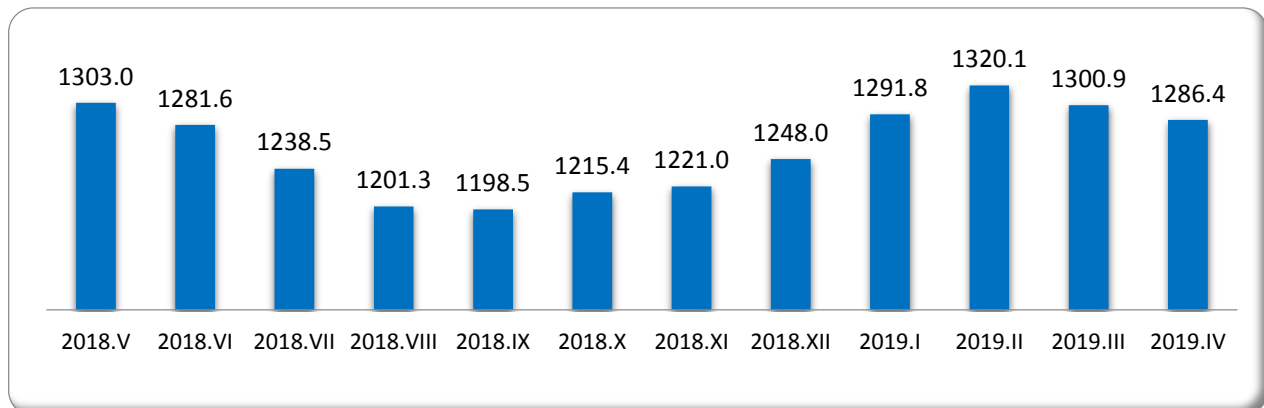


### III. MINING STATISTICS

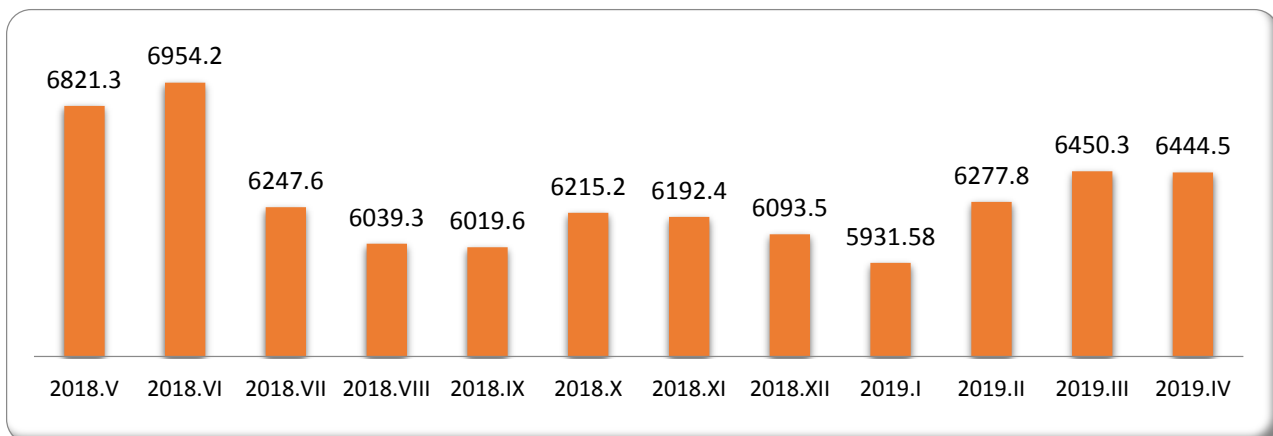
#### 3.1. AVERAGE OF COMMODITY PRICES ON THE WORLD MARKET, 2015-2019

	Unit	2015	2016	2017	2018	2019.IV
Gold	\$/ounce	1160.1	1151.4	1257.1	1269.4	1286.4
Silver	\$/ounce	15.7	16.4	17.1	15.8	15.0
Copper	\$/tons	5501.0	5665.8	6162.4	6508.1	6444.5
Zinc	\$/tons	1928.8	2671.3	2893.6	2895.6	2938.0
Blue lead	\$/tons	1786.1	2230.3	2317.1	2237.3	1948.3
Tin	\$/tons	16079.3	21274.1	20090.1	19954.6	20670.8
Molybdenum	\$/tons	14618.2	15000.0	15665.1	23075.4	24235.0
Tungsten	\$/tons	36082.4	32000.0	36011.1	41640.0	37390.0
Iron ore	\$/tons	49.8	62.0	54.3	39.6	71.9
Fluorite concentrate AG-97	\$/tons	283.3	260.0	345.4	486.0	425.0
Fluorite ore MG-85	\$/tons	244.3	250.0	293.9	365.0	300.0

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



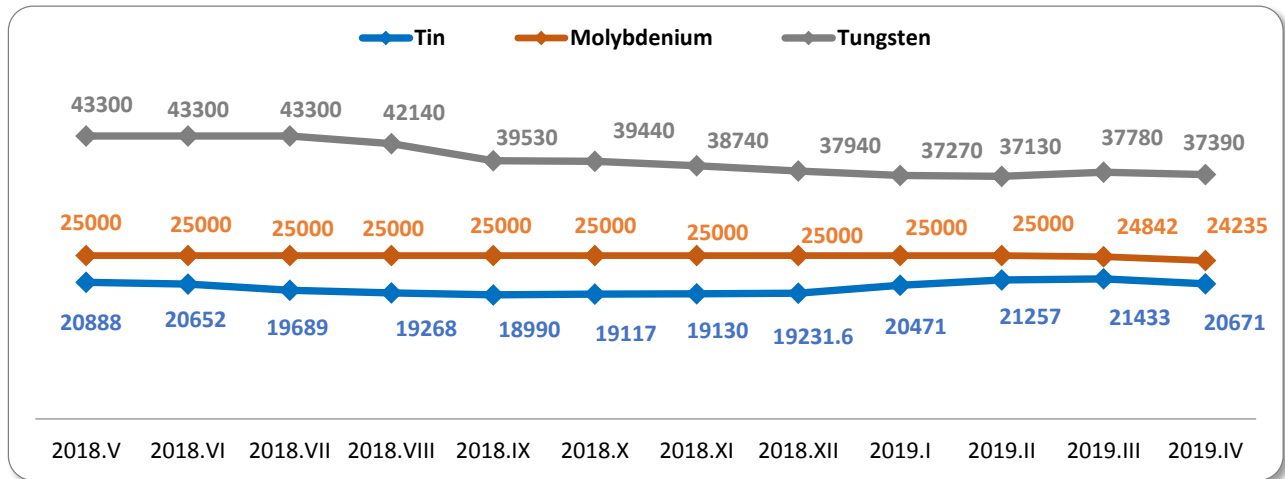
#### 3.3. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, by US\$/tons, last 12 months



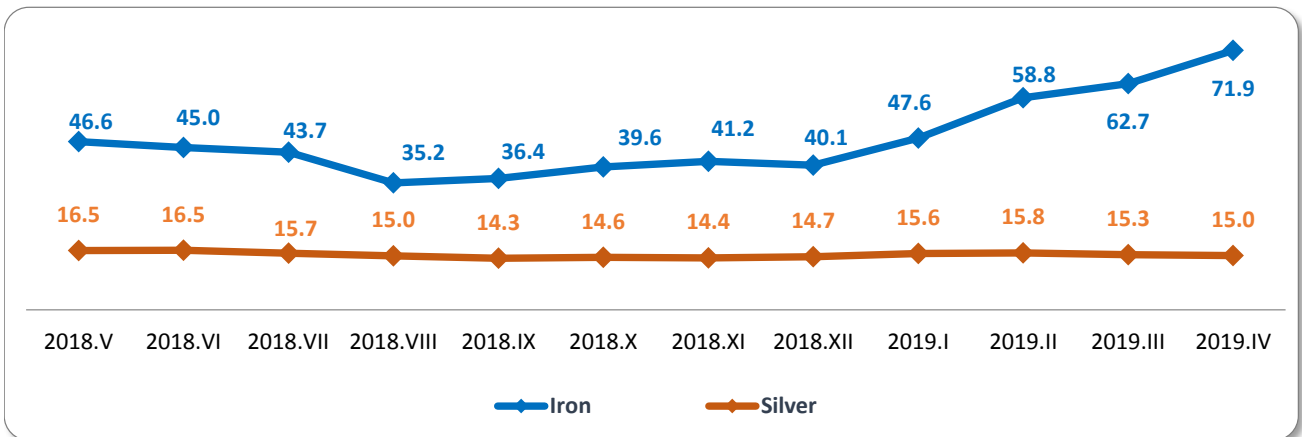
Source: [www.kitco.com](http://www.kitco.com), [www.westmetall.com](http://www.westmetall.com), [www.lme.com](http://www.lme.com), [www.asianmetal.com](http://www.asianmetal.com), [www.lndmin.com](http://www.lndmin.com), [www.umetal.com](http://www.umetal.com) [www.sxcoal.com](http://www.sxcoal.com)



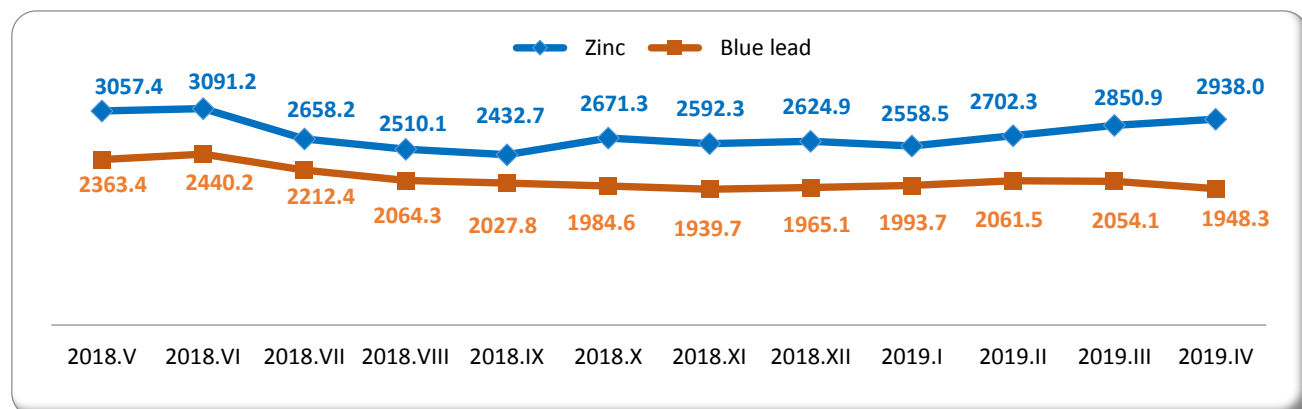
3.4. AVERAGE PRICE OF TIN, MOLYBDENIUM AND TUNGSTEN ON THE WORLD MARKET, by US\$/tons, last 12 months



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 V.08/
				2018.IV	2018	2019.I-III	2019.IV	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	3.024	2.591	1.692	1.618	2.83B
Peabody Energy Corporation	NYQ	BTU	USD	36.988	39.303	31.513	28.602	3.03B
Rio Tinto plc	LSE	RIO.L	GBp	3,778.1	3,895.5	4,162.9	4,626.0	49.35B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	0.173	0.155	0.139	0.151	252.09M
Mongolian Mining Corporation	HKG	0975.HK	HKD	0.161	0.171	0.145	0.147	1.41B
South Gobi Resources Ltd.	HKG	1878.HK	HKD	0.998	1.017	-	-	-
Centerra Gold Inc.	TOR	CG.TO	CAD	7.6	6.276	6.682	6.99	2.16B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.391	0.367	0.224	0.207	32.18M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.472	0.536	0.539	0.477	78.69M
Prophecy Development Corp.	TOR	PCY.TO	CAD	2.802	2.015	0.232	0.236	20.02M
Steppe Gold Ltd	TOR	STGO.TO	CAD	-	1.145	0.798	0.759	29.08M
Kincora Copper Limited	VAN	KCC.V	CAD	0.139	0.159	0.109	0.098	6.43M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.01	0.017	0.01	-	-
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.195	0.177	0.113	0.102	59.62M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.009	0.018	0.021	0.022	63.20M
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	19.782	19.856	16.295	16.3	82.07B
Petro Matad Limited	LSE	MATD.L	GBp	11.93	8.608	4.366	5.134	26.68M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	0.011	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.IV	2018	2019.I-III	2019.IV
Tavantolgoi	TTL	9658	9059	7198	6468
Baganuur	BAN	1968	1867	1300	1137
Shivee-Ovoo	SHV	2395	2087	2,126	1,858
Aduunchuluun	ADL	2671	2534	1837	1950
Shariin Gol	SHG	2412	2261	1768	1671
Erdene Resource Development Corporation	ERDN	-	605	541	496
Mogoin gol	BDL	8000	7666	7022	7713
Bayanteeg	BTG	14450	13919	23272	24000
Berkh-Uul	BEU	837	802	599	525
Khar Tarvagatai	TVT	-	10545	-	-
Taliin Gal	TAL	-	15	-	-
Mongol Basalt	MBW	-	345	259	246
Mongol Ceramic	KEK	-	21000	21220	18040
Silikat	SIL	-	152	-	-
Songolon barmat	SSG	1015	891	-	-
Remicon	RMC	40	37	29	30
Arig Tal	EER	3620	3631	3663	3600
Niislel-Urguu	NUR	-	9600	6242	5900
Erchim Bayan-Ulgii	BOE	-	-	749	-
Khukh Gan	HGN	102	90	66	72
Nako Tulsh	NKT	-	135	105	106

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 2015-2019

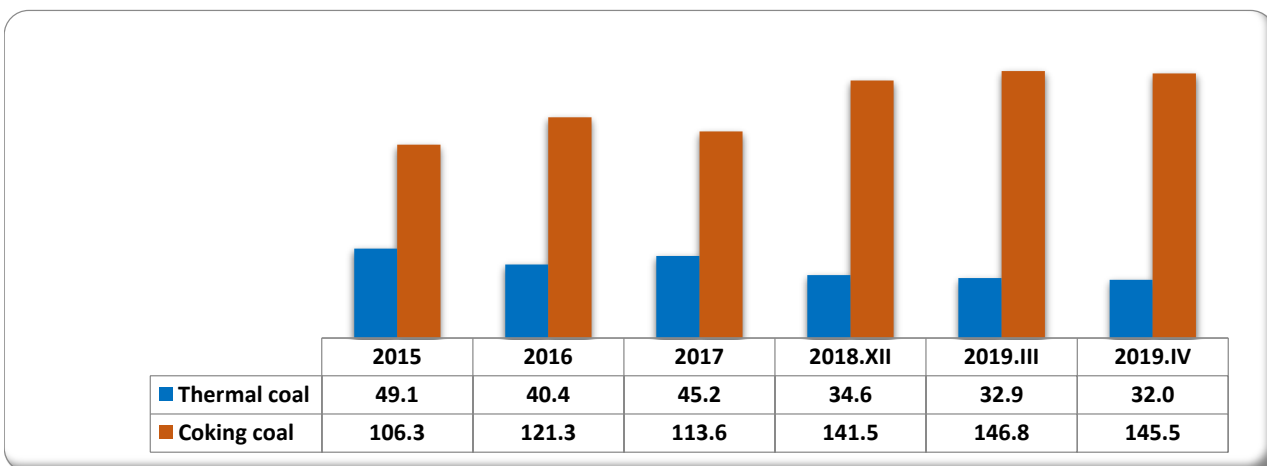
	Striping /ths.m3/	Coal production /th.tons/	Coal sale /th.tons/	Coal export /th.tons/
2014	95,600.0	24,449.0	27,305.0	19,513.0
2015	92,975.0	23,979.0	22,125.0	14,468.0
2016	102,374.3	35,096.5	33,831.7	25,809.3
2017	197,240.8	49,480.3	41,904.6	33,400.1
2018	244,861.2	54,572.3	45,741.9	36,671.4
2019.I-IV	86,343.4	18,078.1	15,801.4	12,228.4

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

	TOTAL	Export	Local
<b>TOTAL</b>	<b>15,801.5</b>	<b>12,228.4</b>	<b>3,573.0</b>
Washed coking coal	<b>1,649.3</b>	1,649.3	-
Raw coking coal	<b>6,047.3</b>	6,047.3	-
Weak coking coal	<b>3,120.0</b>	3,120.0	-
Thermal coal	<b>1,411.9</b>	1,411.9	-
Brown coal	<b>3,573.0</b>	-	3,573.0

Source: Coal Research Division, MRPAM

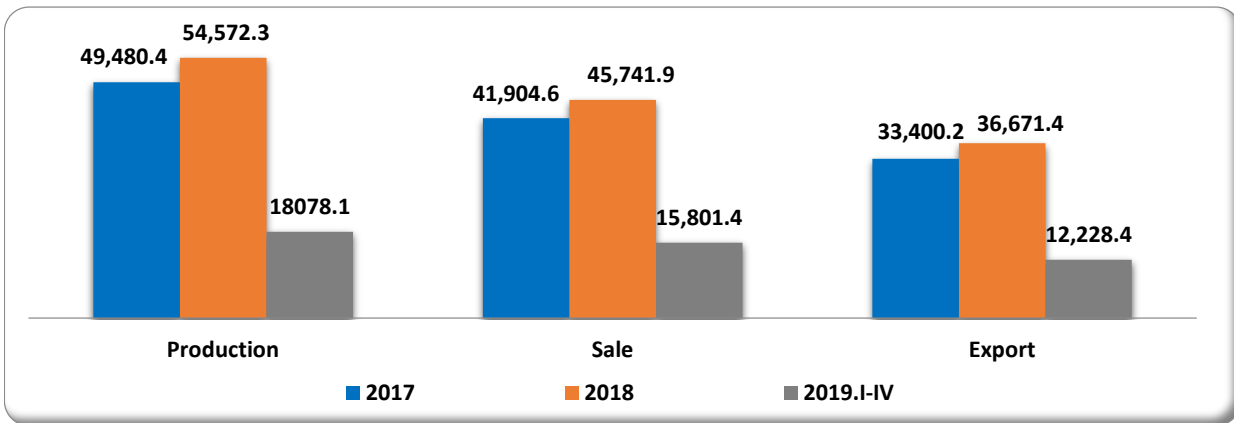
### 4.3. AVERAGE PRICE OF COAL ON THE WORLD MARKET, by US\$/tons, 2015-2019



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-IV</b>	<b>18,078.1</b>	<b>15,801.4</b>	<b>12,228.4</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
<b><u>2019.IV</u> 2018.IV</b>	<b>-3.7%</b>	<b>-1.9%</b>	<b>-0.5%</b>
<b><u>2019.I-IV</u> 2018.I-IV</b>	<b>13.8%</b>	<b>5.5%</b>	<b>6.6%</b>

Source: Coal Research Division, MRPAM



#### 4.6. MINING AND PETROLEUM EXAMINATION AND TESTING CENTRAL LABORATORY, 2019.IV

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	Shivee khuren	Bayan tes	15.9	12.2	9.8	0.22	5576	0.0	0.0
	Coal	Coking	Khangi	Ail bayan	15.3	10.5	22.8	0.51	6293	8.0	79.6
			Gashuun Sukhait	Baruun, zuun tsankhi	2.4	16.7	28.1	0.95	6669	7.0	79.4
				Tavan tolgoi 4th orifice	2.0	16.8	28.5	0.93	6708	6.5	77.2
			Weak coking	Gashuun Sukhait	Khangad	8.3	8.9	34.6	0.67	6675	5.0
		Tavan tolgoi 8th orifice			2.7	18.8	31.6	0.89	6405	6.0	70.4
		Shivee Khuren		Khuren shand	3.5	8.0	39.3	1.09	7151	6.5	83.3
				Bayan tes	4.5	13.6	34.9	0.59	6602	6.0	74.4
				Chinkhua Mak	4.5	3.5	33.0	0.71	7195	5.0	64.9
				MAK	3.7	7.2	36.5	1.06	7090	5.0	63.4
		SGS		6.3	10.3	38.6	0.97	6502	3.5	51.9	
		Zamiin-Uud		Mogoin gol	1.55	14.8	32.6	1.09	6950	8.5	94.7
		Non Coking	Gashuun Sukhait	ETT erchim khuch	5.9	24.9	30.2	0.74	5585	0.5	5.0
				Tavan tolgoi erchim khuch	1.8	33.8	34.0	1.04	5130	2.0	23.2
			Shivee Khuren	MAK	16.6	23.7	42.4	1.15	4523	0.0	0.0
				Khuren shand	4.5	29.9	34.0	0.97	5363	0.0	0.0
				Bayan tes	7.5	18.2	19.3	0.2	6132	0.0	0.0
	Other	Zamiin-Uud	Dalan achir	5.1	27.2	21.5	0.95	5449	0.0	0.0	
			Bayanteeg	5.4	15.7	40.2	0.92	5886	0.0	0.0	
			Bor khul	7.2	26.0	49.9	1.41	4761	0.0	0.0	
Brown coal	Bichigt	Tukhum	30.8	7.5	47.6	0.75	3945	0.0	0.0		
Washed coal	Coal	Coking	Yarant	Khushuut	3.1	22.6	18.3	0.50	6247	6.0	73.1
		Non Coking	Zamiin-Uud	Shtain cole	4.2	16.3	19.7	1.06	6554	0.0	0.0
				Achir	14.4	17.1	37.2	0.80	4719	0.0	0.0

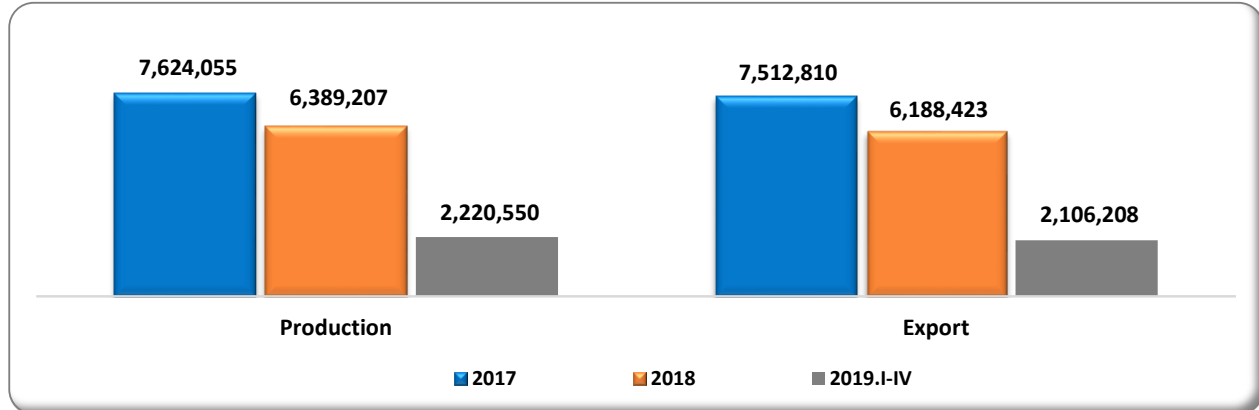
Source: Mining and Petroleum Central Laboratory, MRPAM





## 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-III</b>	<b>2,220,550</b>	<b>100%</b>	<b>2,106,208</b>	<b>100%</b>
2019.I	586,196	26.4%	533,836	25.3%
2019.II	515,318	23.2%	477,824	22.7%
2019.III	569,607	25.7%	609,104	28.9%
2019.IV	549,429	24.7%	485,444	23.0%
<u>2019.I-IV</u> 2018.I-IV	<b>-2.7%</b>	-	<b>-4.7%</b>	-
<u>2019.I-IV</u> 2017.I-IV	<b>-9.6%</b>	-	<b>-15.1%</b>	-
<u>2019.IV</u> 2018.IV	<b>2.7%</b>	-	<b>-16.2%</b>	-

Source : Petroleum Exploitation Division, MRPAM



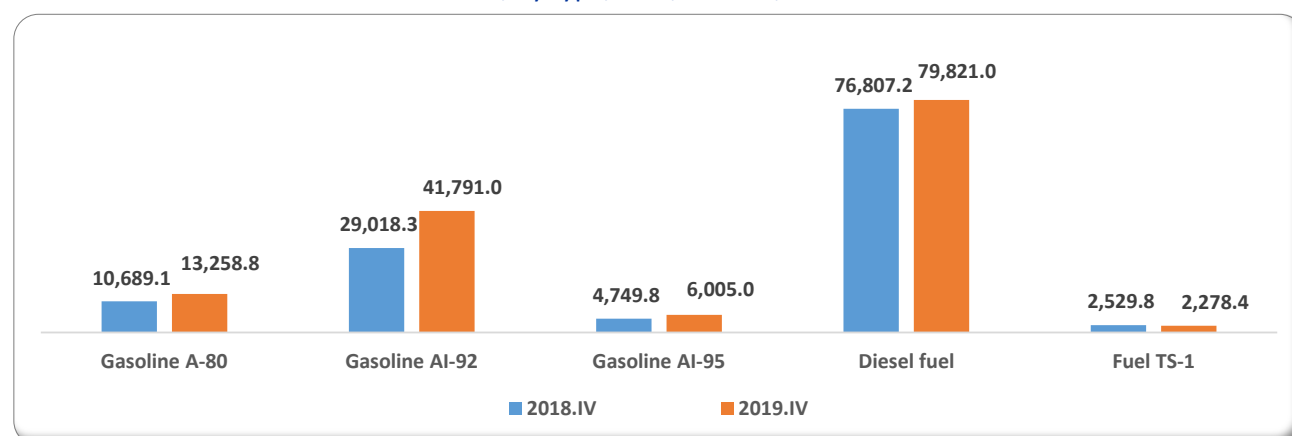
### 5.3. PETROLEUM PRODUCTS IMPORTING, by type, months, tons, 2018-2019

	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-IV</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
<b>2019.I-IV</b> <b>2018.I-IV</b>	19.9%	76.0%	58.7%	44.6%	70.9%	23.5%	25.9%	34.1%	-59.4%
<b>2019.IV</b> <b>2018.IV</b>	14.9%	100.4%	68.7%	167.2%	-	32.3%	82.8%	187.1%	-88.0%

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

	TOTAL	Russia	China	Republic of Korea	Other countries
<b>TOTAL</b>	<b>147,457</b>	<b>143,265</b>	<b>2,218</b>	<b>996</b>	<b>979</b>
Gasoline A-80	8,390	8,390	-	-	-
Gasoline AI-92	40,199	40,199	-	-	-
Gasoline AI-95	1,712	1,712	-	-	-
Gasoline AI-98	243	243	-	-	-
Diesel fuel	78,169	76,212	1,957	-	-
Fuel TS-1	7,120	7,120	-	-	-
Lique- fied gas	7,522	5,413	261	869	979
Other	4,102	3,976	-	126	-

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



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.V.04	544.03	2.4%	568.86	0.3%	515.80	-4.3%	542.34	-0.3%
2018.V.11	551.67	1.4%	586.41	3.1%	539.70	4.6%	497.63	-8.2%
2018.V.18	556.20	0.8%	596.52	1.7%	559.94	3.8%	514.72	3.4%
2018.V.25	527.01	-5.2%	570.84	-4.3%	536.41	-4.2%	479.97	-6.8%
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%

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.II.26, 2019.III.26*

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2019. III.26	2019. IV.30	<u>2019.III.26</u> 2019.IV.30	2019. III.26	2019. IV.30	<u>2019.III.26</u> 2019.IV.30	2019. III.26	2019. IV.30	<u>2019.III.26</u> 2019.IV.30	2019. III.26	2019. IV.30	<u>2019.III.26</u> 2019.IV.30
<b>NATIONAL AVERAGE PRICE</b>	<b>1763</b>	<b>1803</b>	<b>2.3%</b>	<b>1819</b>	<b>1885</b>	<b>3.7%</b>	<b>2206</b>	<b>2248</b>	<b>1.9%</b>	<b>2348</b>	<b>2401</b>	<b>2.3%</b>
<b>Western region</b>	<b>1881</b>	<b>1908</b>	<b>1.4%</b>	<b>1936</b>	<b>1976</b>	2.1%	-	-	-	<b>2372</b>	<b>2412</b>	<b>1.7%</b>
Bayan-Ulgii	1800	1800	0.0%	1880	1880	0.0%	-	-	-	2190	2190	0.0%
Govi-Altai	1850	1900	2.7%	1920	1970	2.6%	-	-	-	2450	2500	2.0%
Zavkhan	1970	1990	1.0%	1985	2035	2.5%	-	-	-	2485	2535	2.0%
Uvs	1855	1870	0.8%	1890	1940	2.6%	-	-	-	2310	2360	2.2%
Hovd	1930	1980	2.6%	2005	2055	2.5%	-	-	-	2425	2475	2.1%
<b>Hangai region</b>	<b>1725</b>	<b>1744</b>	<b>1.1%</b>	<b>1790</b>	<b>1840</b>	<b>2.8%</b>	<b>2227</b>	<b>2227</b>	<b>0.0%</b>	<b>2338</b>	<b>2386</b>	<b>2.0%</b>
Arkhangai	1775	1820	2.5%	1815	1865	2.8%	2250	2250	0.0%	2380	2430	2.1%
Bayankhongor	1805	1855	2.8%	1835	1885	2.7%	-	-	-	2385	2435	2.1%
Bulgan	1670	1670	0.0%	1750	1800	2.9%	2200	2200	0.0%	2300	2350	2.2%
Uvurkhangai	1775	1825	2.8%	1815	1865	2.8%	2250	2250	0.0%	2380	2415	1.5%
Orkhon	1655	1645	-0.6%	1735	1785	2.9%	2200	2200	0.0%	2290	2340	2.2%
Selenge	1645	1645	0.0%	1735	1785	2.9%	2200	2200	0.0%	2280	2330	2.2%
Khuvsgul	1750	1750	0.0%	1845	1895	2.7%	2260	2260	0.0%	2350	2400	2.1%
<b>Central region</b>	<b>1735</b>	<b>1768</b>	<b>1.9%</b>	<b>1791</b>	<b>1859</b>	<b>3.8%</b>	<b>2228</b>	<b>2254</b>	<b>1.2%</b>	<b>2344</b>	<b>2391</b>	<b>2.0%</b>
Ulaanbaatar	1693	1763	4.1%	1736	1860	7.1%	2194	2293	4.5%	2283	2370	3.8%
Tuv	1690	1740	3.0%	1730	1780	2.9%	2220	2220	0.0%	2290	2340	2.2%
Darkhan	1645	1645	0.0%	1735	1815	4.6%	2200	2200	0.0%	2280	2360	3.5%
Govisumber	1760	1810	2.8%	1810	1860	2.8%	2240	2240	0.0%	2385	2440	2.3%
Dundgovi	1790	1840	2.8%	1840	1890	2.7%	2250	2300	2.2%	2290	2290	0.0%
Dornogovi	1750	1750	0.0%	1800	1850	2.8%	2240	2240	0.0%	2390	2420	1.3%
Umnugovi	1800	1850	2.8%	1880	1930	2.7%	2240	2240	0.0%	2440	2490	2.0%
Zamin Uud	1750	1750	0.0%	1800	1890	5.0%	2240	2300	2.7%	2390	2420	1.3%
<b>Eastern region</b>	<b>1783</b>	<b>1833</b>	<b>2.8%</b>	<b>1840</b>	<b>1890</b>	<b>2.7%</b>	<b>2173</b>	<b>2218</b>	<b>2.1%</b>	<b>2403</b>	<b>2445</b>	<b>1.7%</b>
Dornod	1790	1840	2.8%	1850	1900	2.7%	2130	2180	2.3%	2390	2430	1.7%
Sukhbaatar	1815	1865	2.8%	1875	1925	2.7%	2190	2240	2.3%	2430	2475	1.9%
Khentii	1745	1795	2.9%	1795	1845	2.8%	2200	2235	1.6%	2390	2430	1.7%

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
<b>2019.IV.30</b> <b>2019.III.26</b>	<b>2.3%</b>	<b>3.6%</b>	<b>1.9%</b>	<b>2.2%</b>
<b>2019.IV.30</b> <b>2018.V.01</b>	<b>8.2%</b>	<b>4.0%</b>	<b>8.0%</b>	<b>14.9%</b>
<b>2019.IV.30</b> <b>2017.IV.25</b>	<b>14.6%</b>	<b>10.1%</b>	<b>20.8%</b>	<b>33.7%</b>

Source : Petroleum Products Division, MRPAM

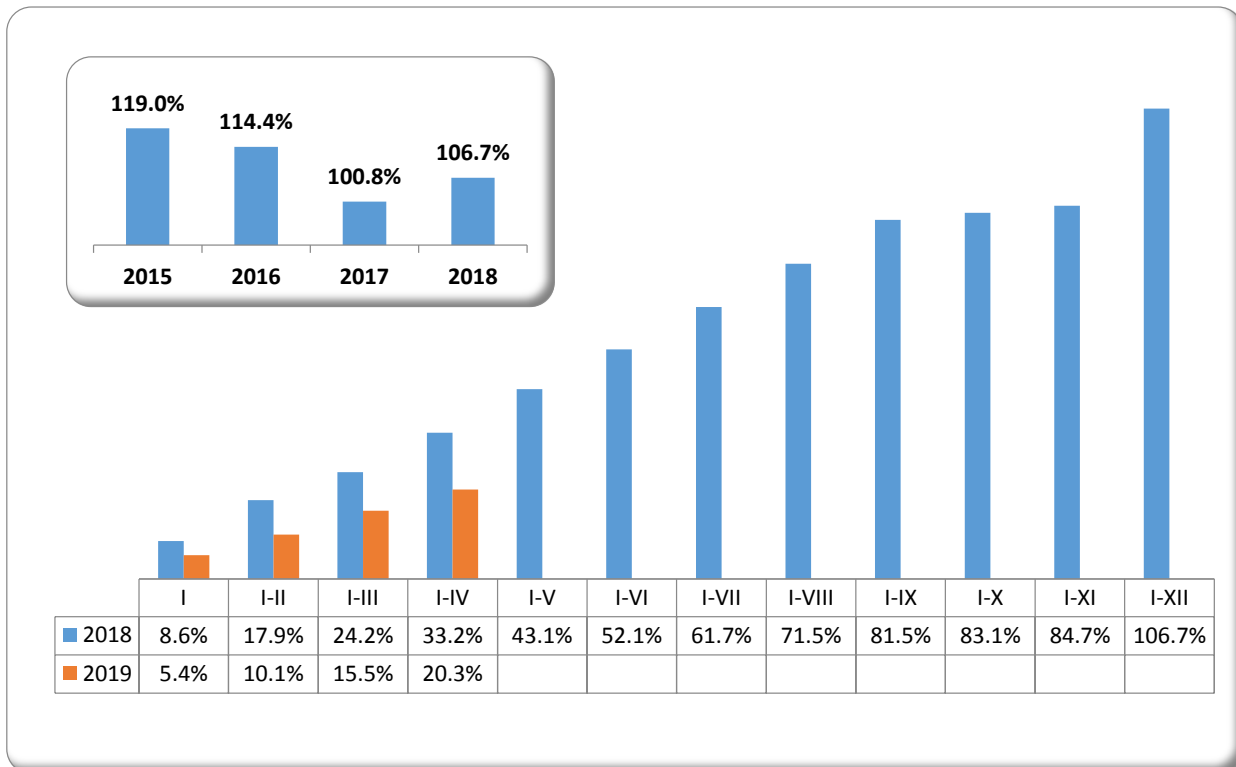


## 6. STATISTICS OF STATE INVESTMENT REVENUE

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

	Plan of 2019	Performance	
		2019.I-IV	Performance rate %
License fee	42,900.0	9,015.3	21.0%
Reimbursement	2,300.0	2,427.5	105.5%
Petroleum export revenue	335,600.0	62,266.1	18.6%
Service revenue /petroleum/	2,717.7	1,483.4	54.6%
Service revenue /mineral resources/	9,282.4	987.6	10.6%
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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