



**MINISTRY OF MINING  
AND HEAVY INDUSTRY**



**MINERAL RESOURCES AND  
PETROLEUM AUTHORITY OF  
MONGOLIA**

A collage of images related to mining and petroleum, including an excavator, an oil pumpjack, a mining truck, a conveyor belt, a pile of gold nuggets, and a large mining site with trucks and buildings.

***MINERAL RESOURCES AND  
PETROLEUM STATISTICS  
2018/X***

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## **BACKGROUND**

*This "Mineral Resources and Petroleum Statistics" has been monthly published for you, Dear Customer, in printed and electronic versions since 2013 and we have begun updating the content and version of the compendium, depending on the characteristics of our subscribers, the frequency of news, and the evolution of modern statistics. If you have any further questions, please send us the following address and telephone to assist us.*

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## KEY INDICATORS

Valid mining and  
exploration licenses

**3162**  
(2018.XI.01)

Valid licensed area size

**9,1** mln.ha  
(2018.XI.01)

Percent of total area in  
Mongolia's territory

**5.8%**  
(2018.XI.01)

The average price of gold

**1215.4** US\$/ounce  
(2018.X)

The average price of

copper **6215.2**  
US\$/tons (2018.X)

Thermal coal on the  
world market average

price **31.7** US\$/tons  
(2018.X)

Coking coal on the world  
market average price

**133.5** US\$/tons  
(2018.X)

Coal production

**43497.7** ths.tons  
(2018.I-X)

Coal sale **38355.0**  
ths.tons (2018.I-X)

Coal export **31278.4**  
ths.tons (2018.I-X)

Petroleum production

**5207131** barrel  
(2018.I-X)

Petroleum export

**4976319** barrel  
(2018.I-X)

Petroleum import

**151957.7** tons  
(2018.X)

Gasoline A-80 national

average price **1865**  
MNT (2018.X.30)

Gasoline AI-92 national

average price **2002**  
MNT (2018.X.30)

Gasoline AI-95 national

average price **2223**  
MNT (2018.X.30)

Diesel fuel national

average price **2328**  
MNT (2018.X.30)

Performance rate of  
budget revenue **83.1%**  
(2018.I-X)



## I. STATISTICS OF MINERAL LICENSES AND AREA SIZE

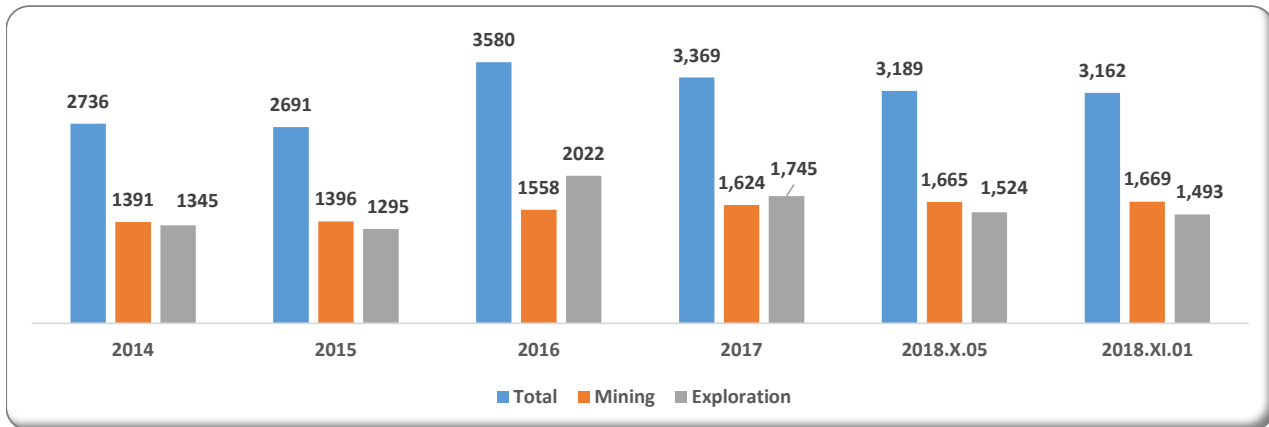
### 1.1. COUNT OF VALID LICENSES AND AREA SIZE, /by provinces, 2018.XI.01/

Aimag and capital city	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>3162</b>	<b>9149.9</b>	<b>5.8</b>	<b>1669</b>	<b>1607.8</b>	<b>1.02</b>	<b>1493</b>	<b>7542.1</b>	<b>4.81</b>
Arkhangai	37	73.6	1.3	26	12.6	0.23	11	61.1	1.10
Bayan-Ulgii	66	176.2	3.8	26	12.3	0.27	40	163.9	3.58
Bayankhongor	166	429.9	3.7	89	83.5	0.72	77	346.4	3.00
Bulgan	116	175.5	3.6	69	34.9	0.72	47	140.6	2.89
Uvurkhangai	50	114.1	1.8	29	15.7	0.25	21	98.4	1.57
Govi-Altai	173	908.4	6.4	50	86.1	0.61	123	822.2	5.80
Govisumber	17	58.7	10.6	13	38.9	7.02	4	19.8	3.58
Darkhan Uul	78	13.9	4.3	66	7.8	2.40	12	6.1	1.86
Dornogovi	395	1621.0	14.8	179	218.0	1.99	216	1403.0	12.83
Dornod	170	539.5	4.4	71	57.1	0.46	99	482.4	3.91
Dundgovi	218	797.3	10.7	98	158.8	2.13	120	638.6	8.55
Zavhan	82	465.4	5.6	9	14.1	0.17	73	451.3	5.46
Umnugovi	211	1341.1	8.1	99	514.1	3.11	112	827.0	5.01
Orkhon	9	11.1	13.2	9	11.1	13.16	0	0.0	0.00
Sukhbaatar	104	438.3	5.3	63	51.7	0.63	41	386.5	4.69
Selenge	195	118.1	2.8	142	38.1	0.92	53	80.0	1.93
Tuv	440	450.4	6.1	302	148.1	2.00	138	302.3	4.09
Uvs	149	530.5	7.6	46	20.8	0.30	103	509.8	7.33
Ulaanbaatar	184	14.0	3.0	170	12.5	2.65	14	1.5	0.31
Khuvsgul	34	25.5	0.3	21	9.2	0.09	13	16.4	0.16
Khovd	119	345.4	4.5	33	13.4	0.18	86	332.1	4.37
Khentii	257	501.9	6.2	117	49.0	0.61	140	452.9	5.61

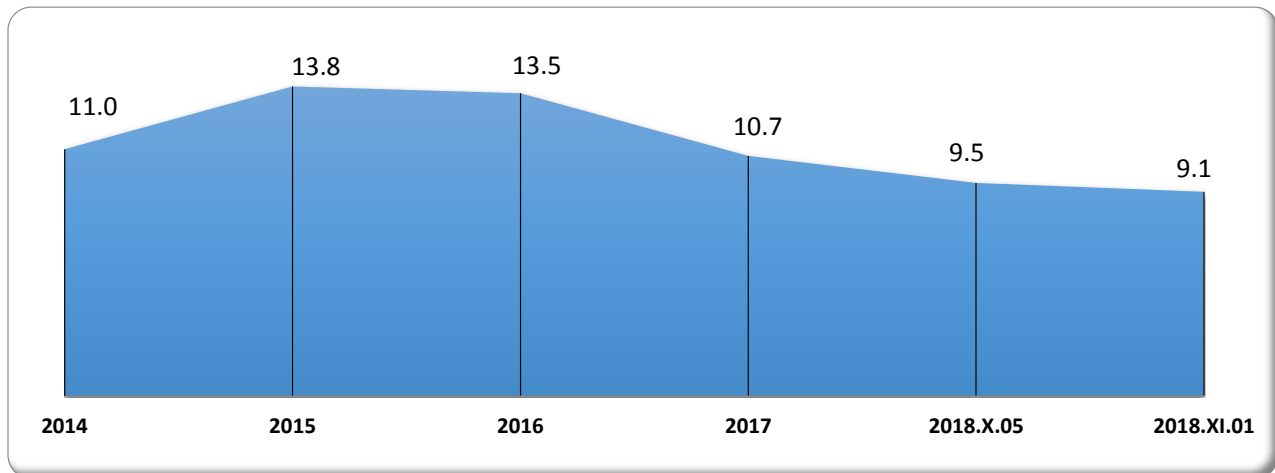
Source: Cadastre Division, MRPAM



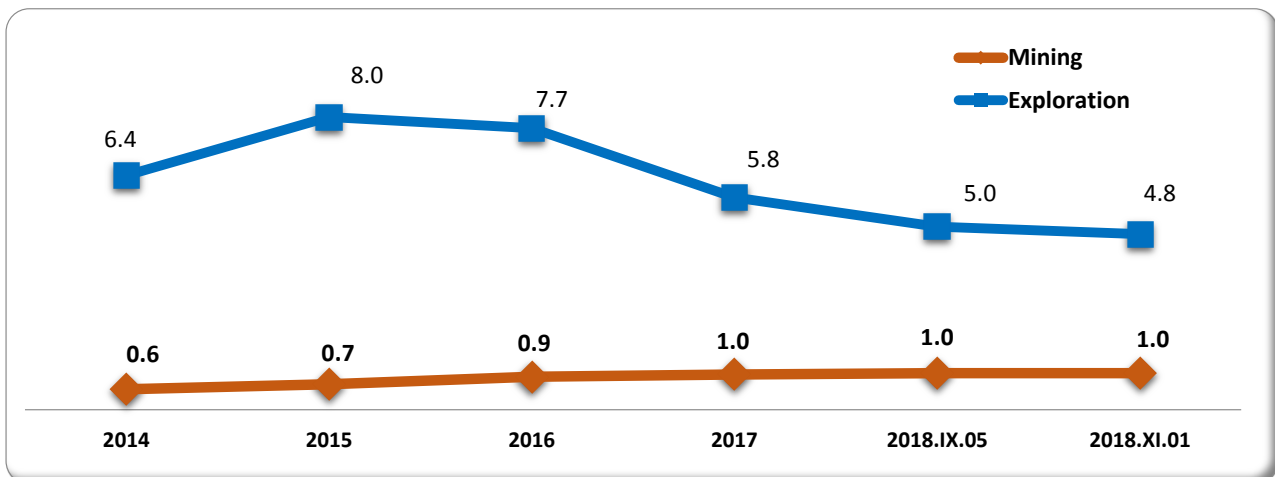
### 1.2. COUNT OF VALID LICENSES, 2014-2018



### 1.3. VALID LICENSED AREA /mln.ha, 2014-2018/



### 1.4. PERCENT OF TOTAL AREA IN MONGOLIA'S TERRITORY, 2014-2018



Notes: Exploration licenses stopped issuing since 2010.IV.20  
 Application for exploration licenses started to receiving from 2015.I.26  
 Source: Cadastre Division, MRPAM



1.5. COUNT OF MINING LICENSE, /by type of minerals, 2018.XI.01/

	Mining license		Area size	
	Count	Percent	Count	Percent
<b>TOTAL</b>	<b>1669</b>	<b>100%</b>	<b>1,607,780.0</b>	<b>100%</b>
Coal	315	18.87%	846,370.5	52.64%
Gold	549	32.89%	224,212.9	13.95%
Gold, Copper	14	0.84%	85,749.4	5.33%
Copper	18	1.08%	82,797.0	5.15%
Uranium	7	0.42%	76,866.1	4.78%
Iron	71	4.25%	43,840.8	2.73%
Construction materials	109	6.53%	43,637.9	2.71%
Fluorite	179	10.72%	25,918.6	1.61%
Concentrated metal	11	0.66%	21,100.2	1.31%
Continental / common mineral	205	12.28%	20,438.8	1.27%
Chromium	1	0.06%	15,805.8	0.98%
Graphite	6	0.36%	12,428.1	0.77%
Molybdenum	7	0.42%	10,146.4	0.63%
Gold, Silver	4	0.24%	9,587.8	0.60%
Molybdenum, Copper	4	0.24%	9,342.5	0.58%
Tungsten	29	1.74%	8,741.8	0.54%
Manganese	4	0.24%	7,507.0	0.47%
Molybdenum, Gold, Copper	1	0.06%	5,236.0	0.33%
Earth rare metal	7	0.42%	5,018.4	0.31%
Gypsum	15	0.90%	4,977.1	0.31%
Lithium	1	0.06%	4,720.2	0.29%
Tin	9	0.54%	4,192.3	0.26%
Zinc	6	0.36%	4,057.3	0.25%
Gold, Concentrated metal	3	0.18%	3,578.5	0.22%
Polymetal	4	0.24%	3,269.2	0.20%
Copper, Zinc	1	0.06%	2,899.3	0.18%
Molybdenum, Tungsten	2	0.12%	2,862.3	0.18%
Silicium	1	0.06%	2,621.7	0.16%
Gold, Silver, Concentrated metal	1	0.06%	2,007.4	0.12%
Tin	3	0.18%	1,812.1	0.11%
Lanthanum, Цери	1	0.06%	1,561.3	0.10%
Aluminium	3	0.18%	1,370.9	0.09%
Iron, Concentrated metal	1	0.06%	1,257.3	0.08%
Other	77	4.61%	11,847.4	0.74%

Source: Cadastre Division, MRPAM



#### 1.6. REGISTERED AREA, /mln.ha, overlap, 2018.XI.01/

	Hectare	Percent of total territory
Valid mining licensed area	1.6	1.0%
Valid exploration licensed area	7.5	4.8%
State protected area	29.1	18.6%
Special purpose area	28.3	18.1%
Strategic deposit, government reserved area	6.8	4.3%
Settled area, border and railway strip area	1.1	0.7%
Other prohibited area	49.1	31.4%

#### 1.7. SMAL-SCALE MINING AREA, 2018.XI.01

	Count of area		Area size	
	Count	Percent	Ha	Percent
<b>TOTAL</b>	<b>166</b>	<b>100%</b>	<b>711.6</b>	<b>100%</b>
Arkhangai	1	0.6%	4.8	0.7%
Bayan-Ulgii	2	1.2%	53.7	7.5%
Bayankhongor	46	27.7%	118.2	16.6%
Bulgan	24	14.5%	109.4	15.4%
Govi-Altai	1	0.6%	5.7	0.8%
Darkhan Uul	6	3.6%	16.6	2.3%
Dornogovi	1	0.6%	5.0	0.7%
Dornod	2	1.2%	26.2	3.7%
Dundgovi	10	6.0%	89.6	12.6%
Uvurkhangai	11	6.6%	4.6	0.6%
Umnugovi	1	0.6%	2.3	0.3%
Selenge	40	24.1%	161.6	22.7%
Tuv	12	7.2%	78.3	11.0%
Ulaanbaatar	5	3.0%	19.0	2.7%
Khovd	1	0.6%	5.3	0.7%
Khentii	3	1.8%	11.4	1.6%

Source: Cadastre Division, MRPAM





1.8. ORIGIN OF LICENSE HOLDERS, 2018.XI.01

	Holder		License		Area size	
	Count	Percent	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>1919</b>	<b>100%</b>	<b>3162</b>	<b>100%</b>	<b>9,149,879.6</b>	<b>100%</b>
Mongolia	1560	81.29%	2498	79.00%	6,849,637.9	74.86%
China	175	9.12%	231	7.31%	471,404.9	5.15%
Virgin Islands	42	2.19%	99	3.13%	272,605.7	2.98%
Singapore	22	1.15%	76	2.40%	458,759.8	5.01%
South Korea	22	1.15%	36	1.14%	100,446.3	1.10%
Hong Kong	16	0.83%	35	1.11%	246,964.0	2.70%
Russia	14	0.73%	16	0.51%	7,940.9	0.09%
Canada	13	0.68%	28	0.89%	196,108.2	2.14%
Japan	7	0.36%	58	1.83%	205,923.5	2.25%
Germany	6	0.31%	7	0.22%	13,864.0	0.15%
Australia	6	0.31%	7	0.22%	32,969.2	0.36%
United States of America	5	0.26%	7	0.22%	7,807.4	0.09%
Holland	4	0.21%	19	0.60%	109,516.6	1.20%
Luxemburg	4	0.21%	8	0.25%	20,095.8	0.22%
Czech Republic	4	0.21%	7	0.22%	52,526.3	0.57%
Great Britain	4	0.21%	7	0.22%	19,669.2	0.21%
Ukraine	2	0.10%	2	0.06%	291.8	0.00%
Bulgaria	2	0.10%	4	0.13%	4,784.6	0.05%
Bermud	2	0.10%	3	0.09%	7,314.3	0.08%
Kazakhstan	2	0.10%	2	0.06%	2,340.6	0.03%
Poland	1	0.05%	1	0.03%	1,561.3	0.02%
Seychelles	1	0.05%	1	0.03%	36,391.0	0.40%
Hungary	1	0.05%	1	0.03%	87.4	0.00%
Barbados	1	0.05%	3	0.09%	10,040.0	0.11%
New Zealand	1	0.05%	2	0.06%	151.7	0.00%
Malaysia	1	0.05%	2	0.06%	2,416.5	0.03%
Macao	1	0.05%	2	0.06%	18,260.9	0.20%

Source: Cadastre Division, MRPAM



### 1.9. PLEDGING LICENSES BY BANK, NON-BANK FINANCIAL INSTITUTE, 2018.XI.01

	License		Area	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>238</b>	<b>100%</b>	<b>298,539.7</b>	<b>100%</b>
Trade and Development Bank	35	14.71%	45,391.8	15.20%
Development Bank of Mongolia	23	9.66%	18,460.0	6.18%
Golomt Bank	28	11.76%	25,233.9	8.45%
Capital Bank	17	7.14%	4,645.9	1.56%
Ulaanbaatar City Bank	17	7.14%	10,889.5	3.65%
HAAN Bank	16	6.72%	2,804.7	0.94%
XAC Bank	13	5.46%	1,335.1	0.45%
Golomt, Saving, Zoos, Anod Banks	11	4.62%	80,891.6	27.10%
Anod Bank	8	3.36%	7,278.4	2.44%
European Bank for Reconstruction and Development	7	2.94%	2,658.5	0.89%
GSB capital BBSB	6	2.52%	10,609.2	3.55%
Chinggis Khan Bank	6	2.52%	2,467.7	0.83%
National Investment Bank	4	1.68%	1,247.2	0.42%
State Bank	4	1.68%	570.6	0.19%
Capitronbank	4	1.68%	1,222.1	0.41%
Bank of China	4	1.68%	996.3	0.33%
Triple flag mining finance Bermuda Ltd	3	1.26%	13,041.9	4.37%
Saving bank	3	1.26%	10,911.8	3.66%
Khutulnomgon	3	1.26%	294.2	0.10%
Export-Import Bank of China	3	1.26%	1,092.0	0.37%
Erelbank	2	0.84%	150.3	0.05%
First lithium Corporation	2	0.84%	17,131.1	5.74%
Zoos Bank	2	0.84%	19,298.9	6.46%
Worldgold	1	0.42%	583.4	0.20%
Gazprombank	1	0.42%	440.9	0.15%
Progress Capital	1	0.42%	28.5	0.01%
Delitasan	1	0.42%	19.9	0.01%
Business-Invest Development	1	0.42%	1,791.4	0.60%
Jet Finance	1	0.42%	56.8	0.02%
Kredit Express	1	0.42%	235.6	0.08%
Munkh Orshih Capital	1	0.42%	178.1	0.06%
International Investment Bank	1	0.42%	28.3	0.01%
Solomon Investment	1	0.42%	5,324.7	1.78%
Standart Chartered Bank	1	0.42%	8,489.9	2.84%
Transcapital	1	0.42%	270.6	0.09%
Turquoise Finance	1	0.42%	673.4	0.23%
Transport Development bank	1	0.42%	189.1	0.06%
Xamtyn no'xorloliin san	1	0.42%	114.7	0.04%
Export-Import Bank of China, China Development Bank	1	0.42%	1,405.4	0.47%
Mongolian Post bank	1	0.42%	86.6	0.03%

Source: Cadastre Division, MRPAM



### 1.10. LIST OF LICENSE HOLDERS WITH 10 AND ABOVE LICENSES, 2018.XI.01

No	Name of entity	Count of license	Area size /ha/	Company type	Nationality
1	Chingis world mining	50	156,734.6	joint venture with foreign investment	Mongolia, Japan
2	Mongolroscvetmet	30	16,136.4	mongolian legal entity	Mongolia
3	Golden east mongolia	24	80,607.3	Entity with 100% foreign investment	Virgin Islands
4	Mongolyn alt Mak	24	62,365.3	mongolian legal entity	Mongolia
5	Gacuurt	17	9,557.3	mongolian legal entity	Mongolia
6	Caina investment mongolia	15	207,645.0	Entity with 100% foreign investment	Singapore
7	Olon-Ovoot gold	14	90,111.6	mongolian legal entity	Mongolia
8	Gobi Coal and Energy	12	11,301.0	mongolian legal entity	Mongolia
9	Khunnu gobi altai	12	2,206.7	mongolian legal entity	Mongolia
10	Erel	11	10,996.6	mongolian legal entity	Mongolia
11	Richfluorite	11	6,387.6	mongolian legal entity	Mongolia
12	MoEnCo	10	12,807.4	Entity with 100% foreign investment	Singapore
13	MAK cement	10	3,854.8	Entity with 100% foreign investment	Mongolia

### 1.11. LIST OF LICENSE HOLDERS WITH 100'000 AND ABOVE LICENSED AREA SIZE, 2018.XI.01

No	Name of entity	Count of license	Area size /ha/	Company type	Nationality
1	Cogegobi	9	217,708.0	mongolian legal entity	Mongolia
2	Caina investment mongolia	15	207,645.0	100% foreign invested entity	Singapore
3	Mongol uranium resource	2	191,728.6	mongolian legal entity	Mongolia
4	Chingis world mining	50	156,734.6	joint venture with foreign investment	Mongolia, Japan
5	Monlaa	4	108,679.0	mongolian legal entity	Mongolia
6	FVSP	4	104,232.4	100% foreign invested entity	Hong kong

Source: Cadastre Division, MRPAM



1.12. RECEIVED APPLICATION, /by application type, 2014-2018/

Application type	2014	2015	2016	2017	2018.I-IX	2018.I-X
<b>TOTAL</b>	<b>791</b>	<b>3002</b>	<b>613</b>	<b>813</b>	<b>677</b>	<b>839</b>
<b>New license</b>	<b>113</b>	<b>2522</b>	<b>131</b>	<b>288</b>	<b>57</b>	<b>133</b>
Mining	98	87	103	65	57	66
Exploration	0	2335	0	0	0	0
Tender	15	100	28	223	0	67
<b>Extension of exploration license</b>	<b>453</b>	<b>249</b>	<b>173</b>	<b>231</b>	<b>389</b>	<b>454</b>
<b>Transfer</b>	<b>53</b>	<b>92</b>	<b>139</b>	<b>153</b>	<b>131</b>	<b>136</b>
Mining	36	52	49	78	19	22
Exploration	17	40	90	75	112	114
<b>Pledge</b>	<b>44</b>	<b>22</b>	<b>33</b>	<b>37</b>	<b>37</b>	<b>49</b>
Mining	40	22	30	32	37	49
Exploration	4	0	3	5	0	0
<b>Surrender</b>	<b>128</b>	<b>117</b>	<b>137</b>	<b>104</b>	<b>63</b>	<b>67</b>
Mining	12	24	26	14	9	9
Exploration	116	93	111	90	54	58

1.13. CHANGES IN LICENSE REGISTRATION, /by license type, 2014-2018/

Type of registration	2014	2015	2016	2017	2018.I-IX	2018.I-X
<b>New license</b>	<b>113</b>	<b>827</b>	<b>750</b>	<b>151</b>	<b>46</b>	<b>60</b>
Mining	97	91	93	77	41	48
Exploration	2	697	629	41	5	5
Tender	14	39	28	33	0	7
<b>Surrendered</b>	<b>119</b>	<b>150</b>	<b>166</b>	<b>97</b>	<b>69</b>	<b>71</b>
Mining	13	25	25	13	9	9
Exploration	106	125	141	84	60	62
<b>Canceled</b>	<b>123</b>	<b>173</b>	<b>241</b>	<b>237</b>	<b>133</b>	<b>142</b>
Mining	14	10	37	35	20	21
Exploration	109	163	204	202	113	121
<b>Expired</b>	<b>289</b>	<b>179</b>	<b>124</b>	<b>176</b>	<b>119</b>	<b>146</b>
<b>Transferred</b>	<b>51</b>	<b>88</b>	<b>146</b>	<b>136</b>	<b>139</b>	<b>139</b>
Mining	38	46	50	62	33	33
Exploration	13	42	96	74	106	106
<b>Extended</b>	<b>444</b>	<b>336</b>	<b>167</b>	<b>162</b>	<b>329</b>	<b>393</b>
<b>Pledged</b>	<b>40</b>	<b>22</b>	<b>29</b>	<b>39</b>	<b>37</b>	<b>37</b>
Mining	34	22	27	34	37	37
Exploration	6	0	2	5	0	0
<b>Terminated pledges</b>	<b>29</b>	<b>24</b>	<b>16</b>	<b>39</b>	<b>17</b>	<b>17</b>
Mining	24	19	12	38	16	16
Exploration	5	5	4	1	1	1
<b>Re-issue of license documents</b>	<b>11</b>	<b>19</b>	<b>35</b>	<b>26</b>	<b>37</b>	<b>37</b>
Mining	7	10	15	19	11	11
Exploration	4	9	20	7	26	26

Source: Cadastre Division, MRPAM



## II. GEOLOGICAL STATISTICS

### 2.1. GEOLOGICAL SURVEY CONDUCTED AT EXPENSE OF THE STATE BUDGET, /by type of work, mln MNT, 2015-2018

Type of work	2015		2016		2017		2018.I-X	
	mln.tug	perform ance	mln.tug	performa nce	mln.tug	performan ce	mln.tug	performan ce
<b>TOTAL</b>	<b>9,280.6</b>	<b>81.8%</b>	<b>9,341.1</b>	<b>100%</b>	<b>12,255.1</b>	<b>91.8%</b>	<b>11,608.9</b>	<b>87.1%</b>
1:200000 scale geological map	330.5	62.9%	642.7	100%	482.3	100.0%	378.0	92.5%
1:50000 scale geological map, general survey	5,556.7	78.4%	4,975.8	100%	5,355.9	100.0%	4,029.2	85.8%
Thematic work	3,167.7	92.0%	3,476.1	100%	6,274.6	80.8%	7,139.5	87.7%
Collaborative projects	225.6	79.3%	246.6	100%	142.4	100.0%	62.3	69.2%

### 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>136,450.8</b>	<b>100.0%</b>
Preparation	3,842.3	3,146.2	2,998.7	8,924.2	3,506.7	2.6%
Mapping	2,328.8	3,006.8	2,314.2	5,815.3	1,869.2	1.4%
Geological survey	2,530.5	2,535.4	2,789.2	6,383.5	2,289.8	1.7%
Sampling	2,659.3	2,259.7	2,047.1	32,645.9	78,986.7	57.9%
Geophysical work	13,427.2	12,413.9	10,716.5	9,826.5	14,425.4	10.6%
Mining	2,530.8	4,887.8	2,784.2	1,697.1	-	0.0%
Drilling	82,575.7	86,233.0	49,794.5	68,917.0	5,802.6	4.3%
Geochemical work	2,133.4	746.0	779.1	-	-	-
Laboratory	10,889.8	10,490.8	6,710.6	8,833.1	11,343.9	8.3%
Topogeodetic work	1,880.4	1,357.9	1,638.3	2,248.6	5,364.6	3.9%
Hydrogeological work	751.6	2,781.3	2,549.9	1,174.1	940.5	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	1,082.5	0.8%
Environment reclamation	1,382.0	2,015.8	1,749.6	1,346.9	348.2	0.3%
Field sampling	416.6	1,484.7	1,246.9	2,101.3	906.5	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	9,080.6	6.7%

\* Preliminary result

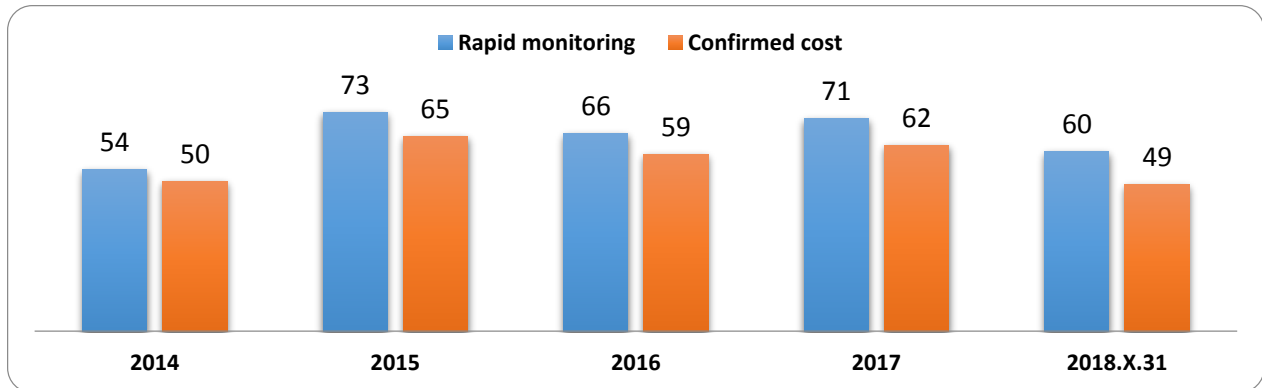
Source: Geology and Exploration Division, MRPAM



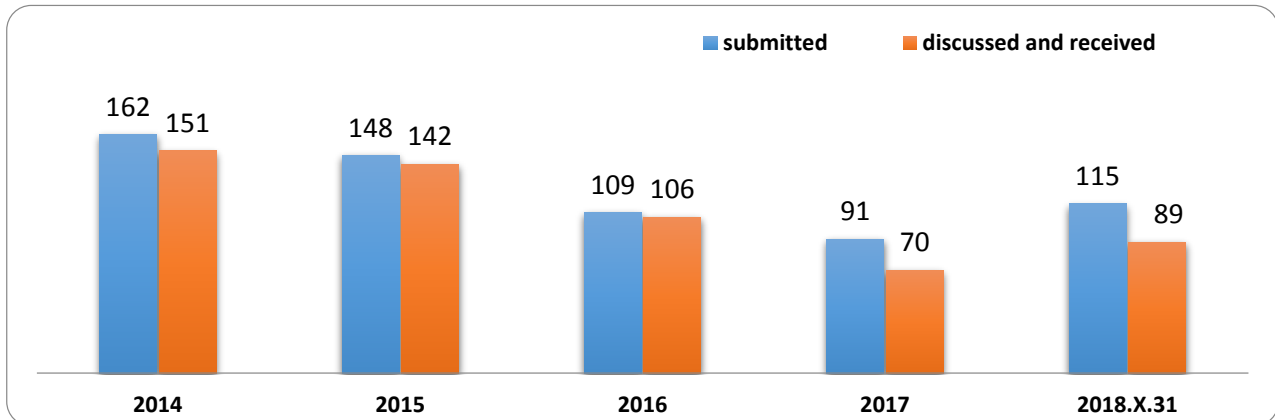
**2.3. ANNUAL EXPLORATION PLAN, REPORT SUBMITTED AND NUMBER OF OF LICENSES CERTIFIED FOR EXPLORATION EXPENDITURE, 2014-2017**

	2014	2015	2016	2017	2018.X.31
<b>Plan</b>					
Plan to be submitted	1667	1345	2051	1748	1695
Submitted	1133	1307	1750	1724	1667
Attendance %	68.0%	97.2%	85.3%	98.6%	98.3%
<b>Report</b>					
Report to be submitted	1345	1802	1974	1745	-
Submitted	958	1260	1666	1538	-
Attendance %	71%	69.9%	83.0%	88.1%	-
Minimum review of exploration expenditure report %	100%	97.0%	99.7%	94.9%	-
Cost of financial statements	100%	91.7%	94.9%	87.0%	-

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



**2.5. RECEIVED EXPLORATION REPORT, 2014-2018**



Source: Geology and Exploration Division, MRPAM

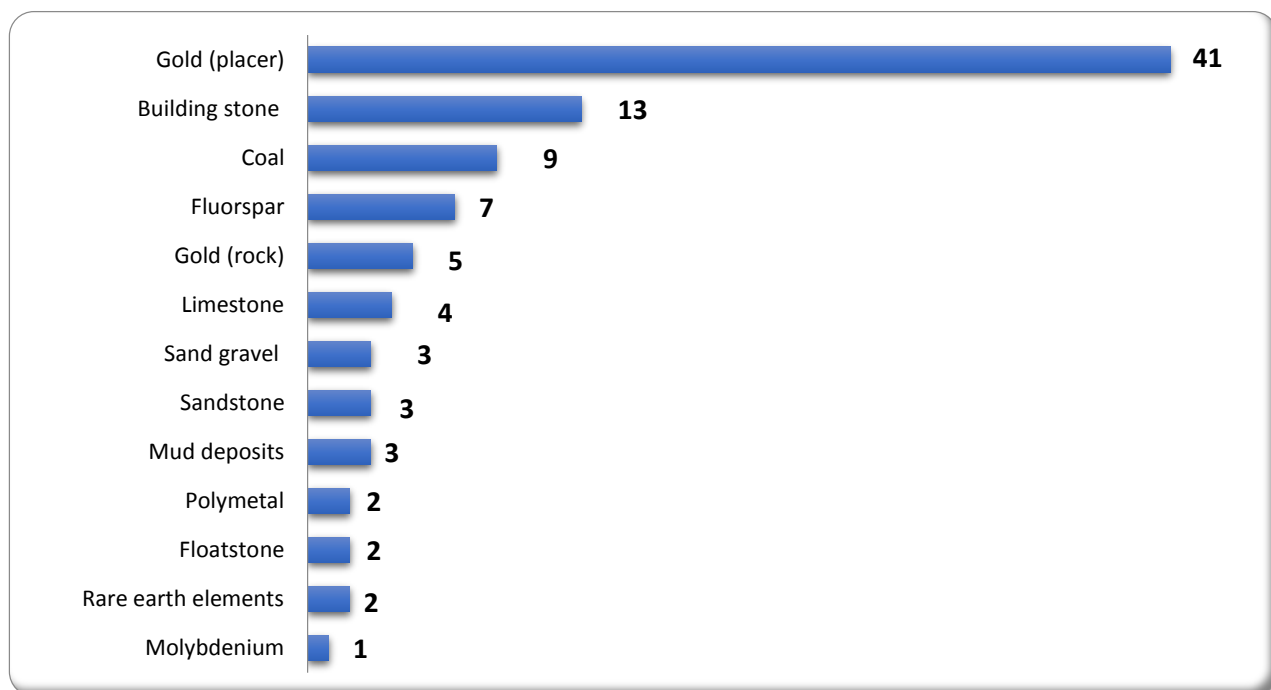


## 2.6. MINERAL RESOURCE RESERVES REGISTERED IN THE STATE'S INTEGRATED REGISTRATION, 2016-2018

Deposit types	Unit	2016		2017		2018.X.31	
		ore	metal	ore	metal	ore	metal
Gold (rock)	ths.t/kg	62,864.2	33,819.7	8,412.8	3,211.9	6,537.9	18,697.9
Gold (placer)	kg	6,581.0	5,955.2	3,374.7	3,015.0	5,040.8	4,521.6
Iron	ths.t	54,463.2	18,030.0	45,655.7	11,870.9	7,739.8	2,673.9
Polymetal	ths.t	15,091.4	-	-	-	164,855.0	-
Cu	t	-	57,547.3	-	-	-	-
Zn	t	-	41,043.0	-	77.7	-	-
eqZn	t	-	-	-	-	-	1,100,380.0
Pb	t	-	-	-	83.4	-	583,944.0
eqPb	t	-	-	-	1,636.3	-	132,169.9
Molybdenium	ths.t	-	-	-	-	35,271.0	10,352.4
Tungsten	ths.t/t	-	-	502.6	4.4	-	-
Rare earth elements	ths.t/t	-	-	0.12	0.04	356.8	125.10
Copper	ths.t/t	2042008.3*	7789023.5*	29,183.0	134.9	55,871.2	149.1
Tin	ths.t	-	89.6	-	0.7	-	-
Fluorspar	ths.t	801.1	335.0	1,177.6	664.6	6,548.7	1,068.0
Uranium	t	4.9	-	-	-	-	-
Coal	mIn.t	1,295.4	-	3,579.7	-	9,662.7	-
Pear shaft	mIn.t	-	-	-	-	-	-
Limestone	mIn.t	155.4	-	185.8	-	52.7	-

Note: \* Updated estimates /2016/

## 2.7. DEPOSIT DELIVERED TO THE STATE REGISTRATION OF MINERAL RESERVES, 2018.I-X



Source: Geology and Exploration Division, MRPAM

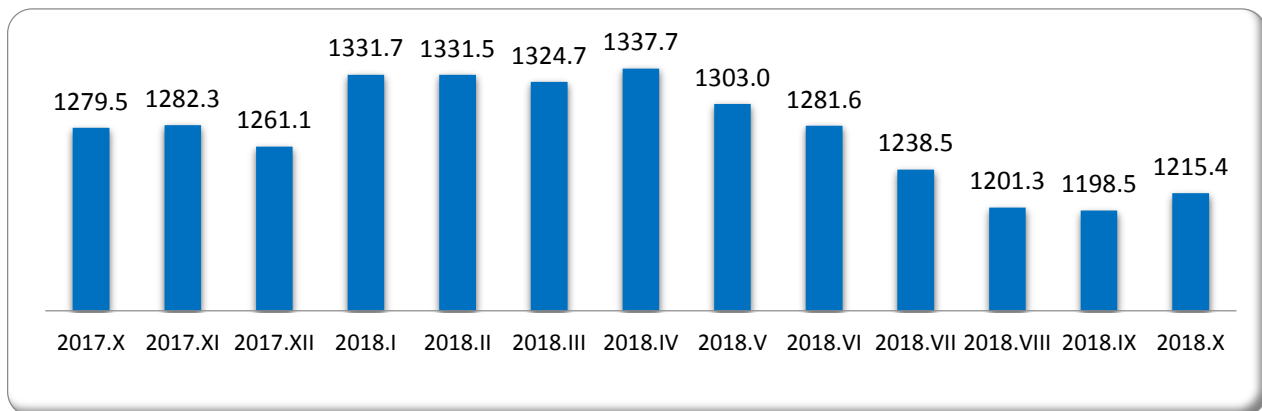


### III. MINING STATISTICS

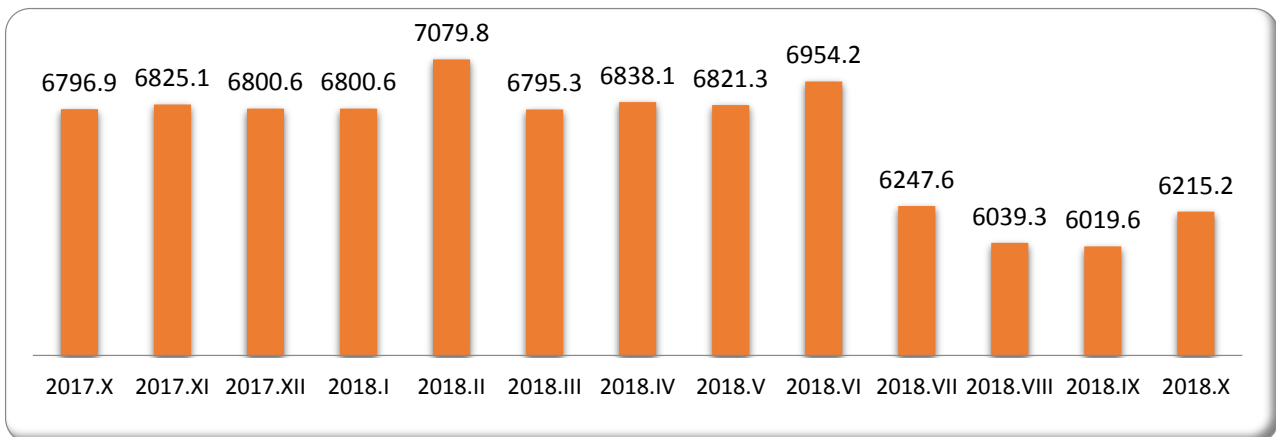
#### 3.1. THE AVERAGE OF COMMODITY PRICES IN THE WORLD MARKET, 2014-2018

Mineral commodities	Unit	2014	2015	2016	2017	2018.X
Gold	\$/ounce	1271.2	1160.1	1151.4	1257.1	1215.4
Silver	\$/ounce	19.1	15.7	16.4	17.1	14.6
Copper	\$/tons	6859.5	5501.0	5665.8	6162.4	6215.2
Zinc	\$/tons	2161.0	1928.8	2671.3	2893.6	2671.3
Blue lead	\$/tons	2095.4	1786.1	2230.3	2317.1	1984.6
Tin	\$/tons	21909.9	16079.3	21274.1	20090.1	19116.9
Molybdenum	\$/tons	25203.0	14618.2	15000.0	15665.1	25000.0
Tungsten	\$/tons	50971.0	36082.4	32000.0	36011.1	39440.0
Iron ore	\$/tons	93.1	49.8	62.0	54.3	39.6
Fluorite concentrate AG-97	\$/tons	305.7	283.3	260.0	345.4	472.5
Fluorite ore MG-85	\$/tons	240.0	244.3	250.0	293.9	367.5

#### 3.2. THE AVERAGE PRICE OF GOLD, /by US\$/ounce, 2017.X-2018.X/



#### 3.3. THE AVERAGE PRICE OF COPPER, /by US\$/tons, 2017.X-2018.X/

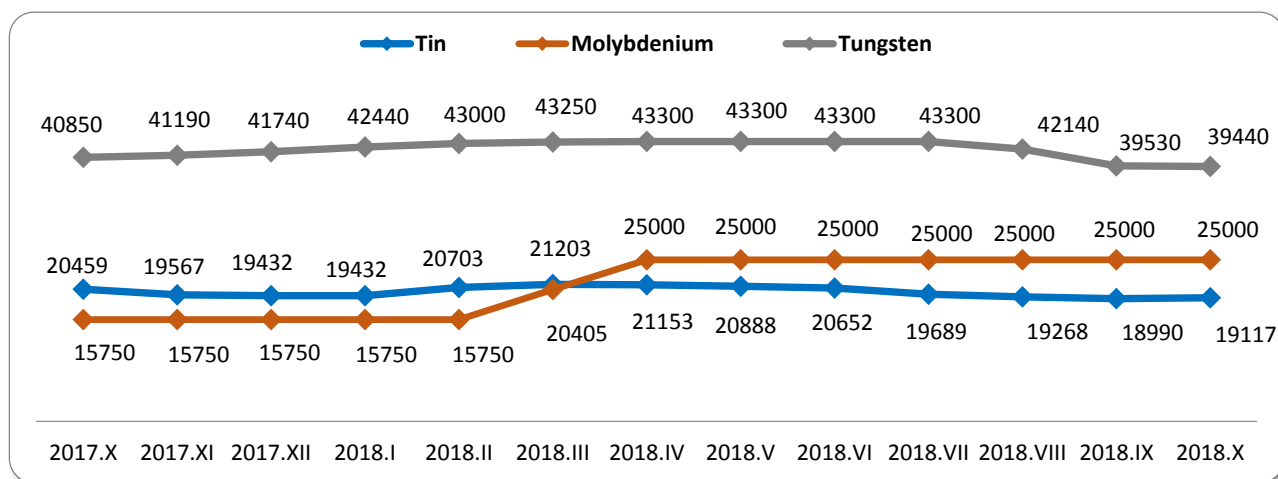


Source: [www.kitco.com](http://www.kitco.com), [www.westmetall.com](http://www.westmetall.com), [www.lme.com](http://www.lme.com), [www.asianmetal.com](http://www.asianmetal.com), [www.lndmin.com](http://www.lndmin.com), [www.umetal.com](http://www.umetal.com) [www.sxcoal.com](http://www.sxcoal.com)

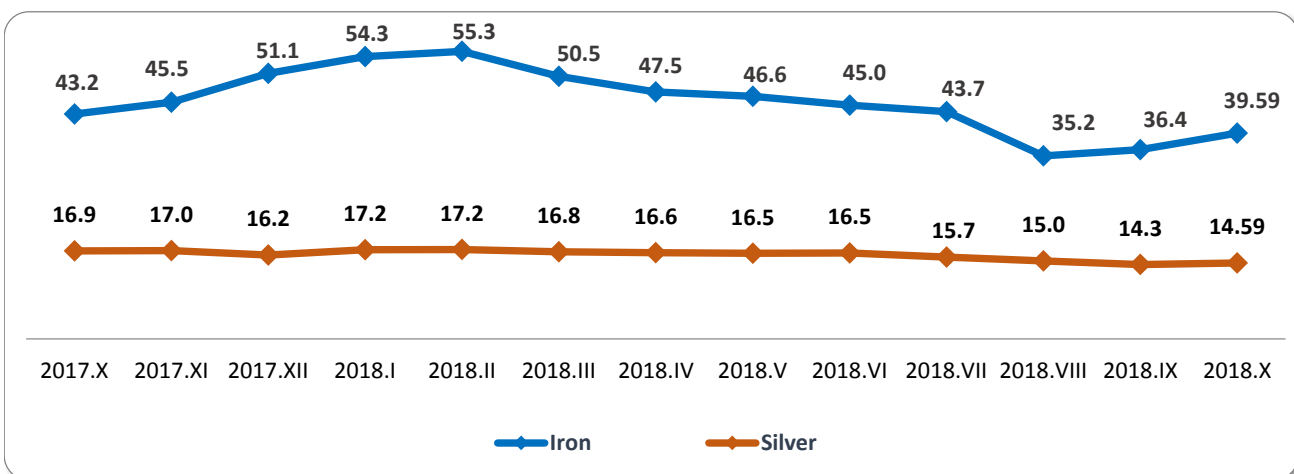




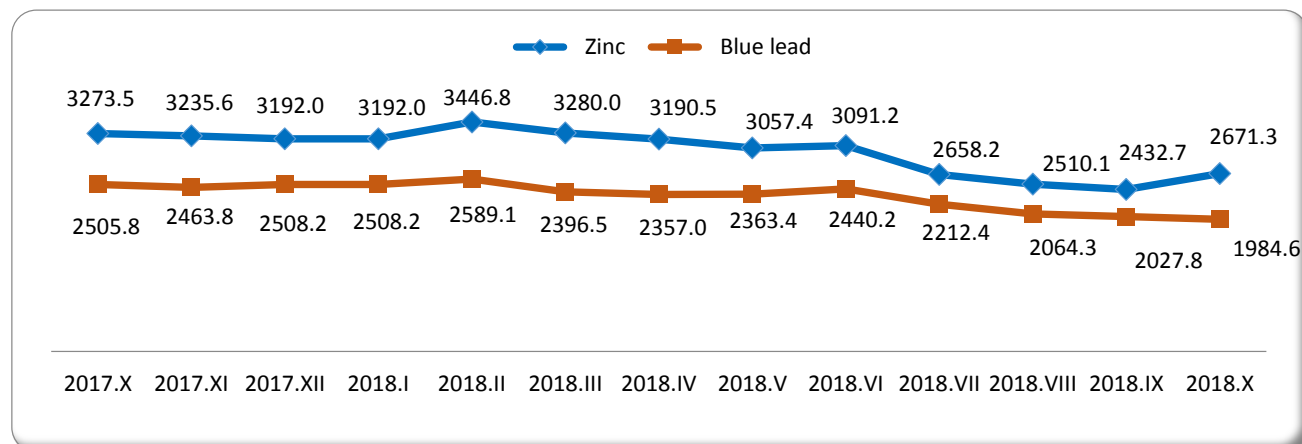
3.4. THE AVERAGE PRICE OF TIN, MOLYBDENUM AND TUNGSTEN IN THE WORLD MARKET, /by US\$/tons, 2017.X-2018.X/



3.5. THE AVERAGE PRICE OF IRON AND SILVER IN THE WORLD MARKET, /by US\$/tons, US\$/ounce, 2017.X-2018.X/



3.6. THE AVERAGE PRICE OF ZINC AND BLUE LEAD IN THE WORLD MARKET, /by US\$/tons, 2017.X-2018.X/



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.IX.07

Company name	Stock exchange	Symbol	Currency	Price				Market value /2018 XI.07/
				2018. I-III	2018. IV-VI	2018. VII-IX	2018. X	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	3.158	2.918	2.499	1.879	3.69B
Peabody Energy Corporation	NYQ	BTU	USD	39.79	40.981	42.898	35.441	4.04B
Rio Tinto plc	LSE	RIO.L	GBp	3,883.2	4,099.1	3,863.1	3,736.3	67.09B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	0.194	0.166	0.132	0.138	238.92M
Mongolian Mining Corporation	HKG	0975.HK	HKD	0.226	0.152	0.14	0.164	1.78B
South Gobi Resources Ltd.	HKG	1878.HK	HKD	1.242	1.014	0.924	0.813	160.31M
Centerra Gold Inc.	TOR	CG.TO	CAD	6.592	7.364	5.769	5.18	1.56B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.475	0.379	0.37	0.27	42.20M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.603	0.495	0.528	0.501	92.47M
Prophecy Development Corp.	TOR	PCY.TO	CAD	3.299	2.754	1.225	0.401	42.30M
Steppe Gold Ltd	TOR	STGO.TO	CAD	-	1.469	1.257	1.005	41.54M
Kincora Copper Limited	VAN	KCC.V	CAD	0.208	0.137	0.165	0.135	9.10M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.018	0.013	0.018	0.02	1.34M
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.251	0.193	0.145	0.122	71.28M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.011	0.016	0.023	0.021	54.77M
Haranga Resources Limited	ASX	HAR.AX	AUD	0.003	-	-	-	1.67M
Tian Poh Resources Limited	ASX	TPO.AX	AUD	0.081	0.09	-	-	34.79M
Banpu Public Company Limited	SET	BANPU.BK	THB	21.545	20.425	8.441	18.119	90.33B
Petro Matad Limited	LSE	MATD.L	GBp	9.928	11.664	20.085	6.036	33.31M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	0.016	0.01	0.01	-	7.86M

Source: [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.XI.07

Company name	Symbol	Price							
		2018. I-III	2018. IV-VI	2018. VII-IX	2018. VI	2018. VII	2018. VIII	2018. IX	2018. X
Tavantolgoi	TTL	10778	9801	8339	9954	9281	8089	7705	7718
Baganuur	BAN	2064	1954	1728	1920	1908	1834	1537	1626
Shivee-Ovoo	SHV	2,208.0	2,141.0	1,947.0	2,121.0	2,056.0	2,033.0	1,867.0	2,063.0
Aduunchuluun	ADL	2843	2579	2111	2428	2271	2126	1988	2020
Shariin Gol	SHG	2513	2315	2077	2227	2135	2100	1979	1987
Erdene Resource Development Corporation	ERDN	-	653	619	653	633	604	621	593
Mogoin gol	BDL	8401	8308	6539	8556	7500	7400	6093	5913
Bayanteeg	BTG	12588	14825	-	-	-	-	-	-
Berkh-Uul	BEU	840	831	676	849	676	-	675	-
Khar Tarvagatai	TVT	11100	10500	8925	-	-	8925	-	-
Taliin Gal	TAL	14	16	-	-	-	-	-	-
Mongol Basalt	MBW	-	398	359	393	385	355	338	335
Mongol Ceramic	KEK	21000	-	-	-	-	-	-	-
Silikat	SIL	180	200	153	-	160	140	-	120
Songolon barmat	SSG	768	1015	-	-	-	-	-	-
Remicon	RMC	36	42	38	41	39	38	36	34
Arig Tal	EER	3708	3615	3526	3600	3600	3475	3509	3623
Khukh Gan	HGN	84	96	95	89	107	90	92	89
Nako Tulsh	NKT	116	147	161	-	150	173	-	-

Source: [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

\*Preliminary result (2018.X.22)

### 3.10. AREA COVERED BY MINING AND REHABILITATION AREA IN 2017, /by aimags, 2018.X.22/

	Count of entities	Area covered by mining /ha/	Area covered by technical rehabilitation /ha/	Area covered by biological rehabilitation /ha/	Rehabilitated area /ha/
<b>TOTAL</b>	<b>148</b>	<b>917.2</b>	<b>576.3</b>	<b>500.8</b>	<b>556.5</b>
Arkhangai	3	5.3	12.2	39.3	7.8
Bayan-Ulgii	1	0.0	0.0	2.0	5.0
Bayankhongor	5	9.1	16.3	4.3	10.3
Bulgan	5	48.4	31.0	15.6	15.8
Bulgan, Selenge	1	4.0	2.0	0.9	0.9
Bulgan, Tuv	7	76.1	60.6	51.3	52.4
Govi-Altai	2	9.7	5.7	4.8	4.9
Darkhan Uul	11	26.0	15.6	11.1	13.3
Dornogovi	14	79.4	3.4	5.1	8.2
Dornod	4	12.0	11.7	10.9	10.9
Dundgovi	6	4.9	3.2	0.0	0.7
Zavhan	2	24.6	12.2	5.8	9.7
Orkhon	2	162.0	2.0	3.0	5.7
Uvurkhangai	5	10.1	92.1	4.2	4.2
Umnugovi	3	1.2	1.6	0.1	0.6
Sukhbaatar	7	2.6	1.1	1.4	17.1
Selenge	13	66.1	31.9	44.0	71.5
Tuv	41	327.4	247.7	286.9	306.4
Khentii	3	12.2	12.3	0.0	0.0
Uvs	13	36.1	13.9	10.2	11.2

Source: Mining Industry and Technology Division, MRPAM



## IV. COAL STATISTICS

### 4.1. STRIPING, COAL PRODUCTION, SALE AND EXPORT 2014-2018

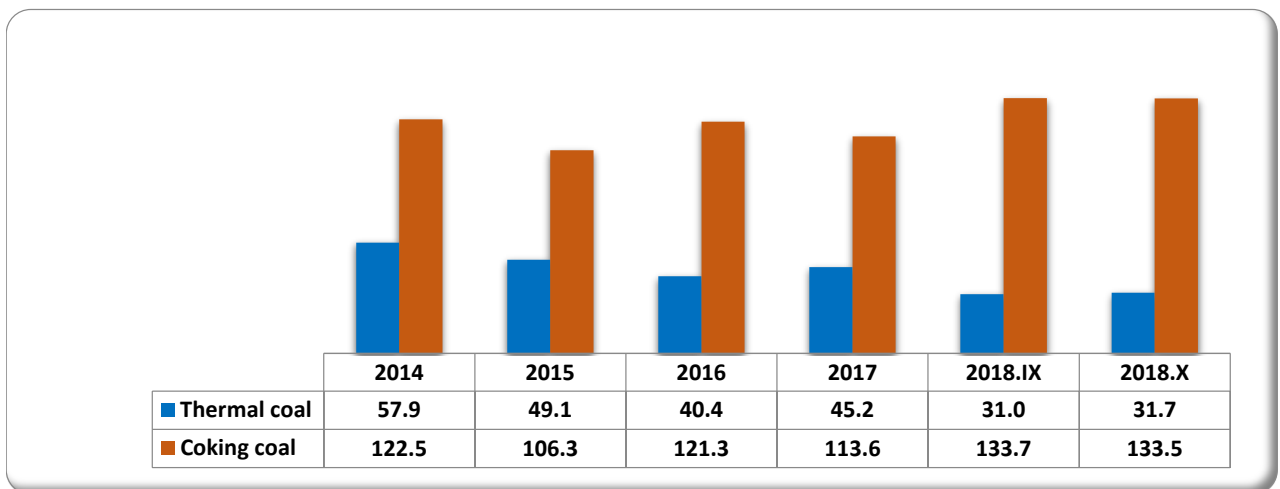
	Striping /ths.m3/	Coal production /th.tons/	Coal sale /th.tons/	Coal export /th.tons/
2014	95,600.0	24,449.0	27,305.0	19,513.0
2015	92,975.0	23,979.0	22,125.0	14,468.0
2016	102,374.3	35,096.5	33,831.7	25,809.3
2017	197,240.8	49,480.3	41,904.6	33,400.1
2018.I-X	172,206.3	43,497.7	38,355.0	31,278.4

### 4.2. COAL SALE, /by type, th.tons, 2018 .I-X/

	TOTAL	Export	Local
<b>TOTAL</b>	<b>38,355.4</b>	<b>31,278.3</b>	<b>7,077.1</b>
Washed coking coal	5,179.3	5,179.3	-
Raw coking coal	12,270.7	12,270.7	-
Weak coking coal	9,622.9	9,622.9	-
Thermal coal	4,205.4	4,205.4	-
Brown coal	7,077.1	-	7,077.1

Source: Coal Research Division, MRPAM

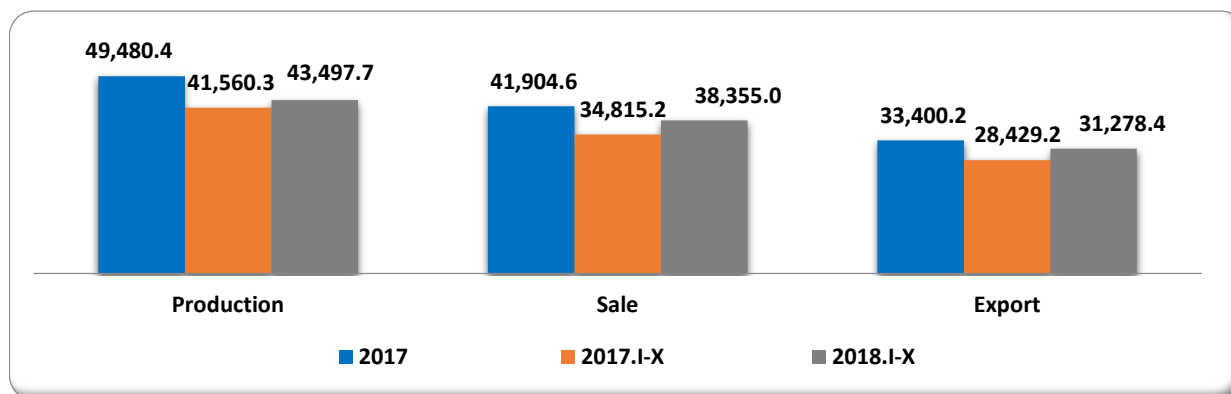
### 4.3. COAL ON THE WORLD MARKET AVERAGE PRICE, /by US\$/tons, 2014-2018/



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



#### 4.4. COAL PRODUCTION, SALE AND EXPORT, /ths.tons,2017- 2018/



#### 4.5. COAL PRODUCTION, SALE AND EXPORT, /by month, ths.tons, 2017-2018/

	Production	Sale	Export
<b>2017</b>	<b>49,480.4</b>	<b>41,904.6</b>	<b>33,400.2</b>
2017.I	5,427.1	3,619.2	2,630.6
2017.II	3,785.4	3,182.5	2,340.2
2017.III	3,320.6	3,941.3	3,195.8
2017.IV	4,733.2	3,934.4	3,438.1
2017.V	4,341.2	3,741.2	3,260.9
2017.VI	4,684.5	4,380.8	3,908.4
2017.VII	2,945.4	2,678.5	2,287.6
2017.VIII	4,742.6	2,914.1	2,406.8
2017.IX	3,310.7	2,674.0	2,305.0
2017.X	4,269.6	3,749.2	2,655.8
2017.XI	4,081.7	3,922.9	2,900.2
2017.XII	3,838.4	3,166.5	2,070.8
<b>2018.I-X</b>	<b>43,497.7</b>	<b>38,355.0</b>	<b>31,278.4</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
<b>2018.I-X</b> <b>2017.I-X</b>	<b>4.7%</b>	<b>10.2%</b>	<b>10.0%</b>

Source: Coal Research Division, MRPAM



4.6. MINING AND PETROLEUM EXAMINATION AND TESTING CENTRAL LABORATORY, 2018.X

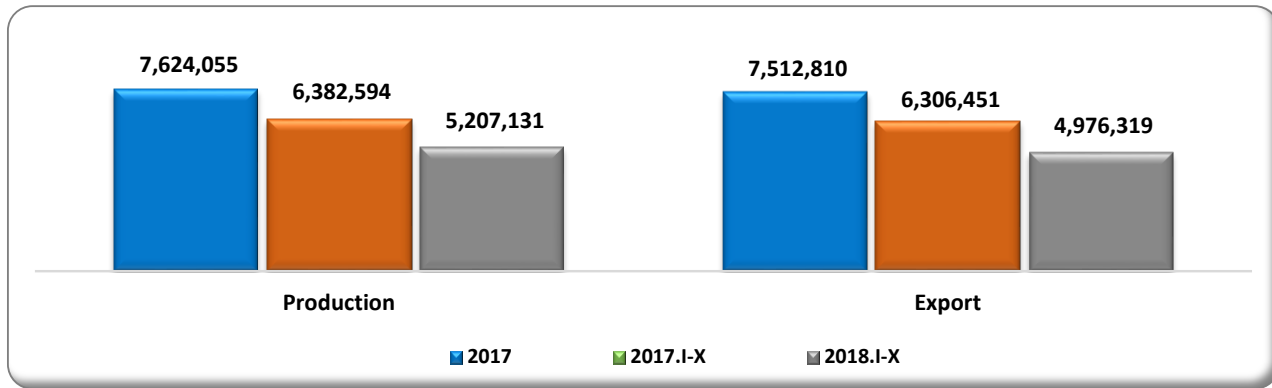
Type of coal	Name	Classification	Border name	Deposite name	Quality Indicators						
					TM	Adb	Vdaf	St,db	Qnet,ar	FSI	GI
					Weight, %				kcal/kg	Index	
Raw coal	Antracite	Antacite	Khangi	Mandakh nuur	4.6	29.4	2.7	0.51	5227	0.0	0.0
	Coal	Coking	Khangi	Ail Bayan	-	-	-	-	-	-	-
			Gashuun sukhait	Tsankhi	1.9	14.4	26.7	1.80	6919	7.5	81.3
				Tavan tolgoi 4rd orifice	1.1	19.9	27.3	0.75	6358	6.5	78.1
		Weak coking	Gashuun sukhait	Tavan tolgoi 8th orifice	1.9	26.3	33.5	0.91	5822	6.0	62.1
			Shivee khuren	Nariin sukhait	4.9	10.2	39.5	1.20	6662	6.5	77.1
				Nariin sukhait	1.9	5.8	32.9	0.63	7416	4.0	52.9
				Nariin sukhait	-	-	-	-	-	-	-
				Baruun noyon uul	1.7	18.3	28.4	0.46	6674	6.5	71.0
			Khuren shand	1.6	17.172	36.6	0.65	6226	4.5	51.9	
			Zamiin uud	Mogoin gol	-	-	-	-	-	-	-
		Non-coking coal	Gashuun sukhait	Erchim Khuch	-	-	-	-	-	-	-
				Tsankhi	2.7	17.1	25.0	0.94	6590	3.5	48.4
			Shivee huren	Khuren shand	3.3	35.247	37.8	1.07	4882	0.0	0.0
				Nariin sukhait	2.3	38.8	37.2	0.62	4534	0.0	0.0
	Nariin sukhait			3.7	34.6	41.9	1.38	4638	1.0	13.8	
	Other	Zamiin uud	Dalan	8.9	25.2	25.9	0.94	5399	0.0	0.0	
			Dalan	2.9	30.1	23.5	0.95	5561	0.0	0.0	
	Brown coal	Бичигт	Khuut	-	-	-	-	-	-	-	
			Bayantsogt	-	-	-	-	-	-	-	
	Washed coal	Coal	Coking	Gashuun sukhait	Ukhaa Khudag	9.8	9.8	33.4	0.66	6522	5.5
Yarant				Khushuut	2.1	33.4	18.2	0.55	5476	6.5	72.9
Кокских чанаргүй			Gashuun sukhait	Ukhaa Khudag	-	-	-	-	-	-	-
Сок			Gashuun sukhait		4.3	8.8	6.8	0.3	6932.4	0.0	0.0
Coking			Gashuun sukhait	Ukhaa Khudag	3.8	11.1	24.9	0.32	7048	7.5	82.1

Source: Mining and Petroleum Central Laboratory, MRPAM



## V. PETROLEUM STATISTICS

### 5.1. PETROLEUM PRODUCTION AND EXPORT, /by barrel, 2017-2018/



### 5.2. PETROLEUM PRODUCTION AND EXPORT, /by month, barrel, 2017-2018/

	Production		Export	
	Barrel	Percent	Barrel	Percent
<b>2017</b>	<b>7,624,055</b>	<b>100%</b>	<b>7,512,810</b>	<b>100%</b>
I	668,242	8.8%	592,590	7.9%
II	535,765	7.0%	533,139	7.1%
III	611,036	8.0%	738,179	9.8%
IV	640,957	8.4%	615,613	8.2%
V	661,261	8.7%	610,460	8.1%
VI	621,477	8.2%	629,696	8.4%
VII	676,074	8.9%	641,430	8.5%
VIII	673,359	8.8%	705,448	9.4%
IX	631,956	8.3%	568,578	7.6%
X	662,466	8.7%	671,318	8.9%
XI	631,387	8.3%	632,887	8.4%
XII	610,075	8.0%	573,472	7.6%
<b>2018.I-X</b>	<b>5,207,131</b>	<b>100%</b>	<b>4,976,319</b>	<b>100%</b>
I	620,842	11.9%	558,232	11.2%
II	556,544	10.7%	451,701	9.1%
III	568,740	10.9%	621,219	12.5%
IV	535,029	10.3%	579,017	11.6%
V	556,865	10.7%	555,443	11.2%
VI	539,608	10.4%	541,818	10.9%
VII	563,498	10.8%	543,629	10.9%
VIII	553,169	10.6%	537,238	10.8%
IX	515,376	9.9%	423,496	8.5%
X	197,462	3.8%	164,528	3.3%
<b>2018.I-X</b> <b>2017.I-X</b>	<b>-18.4%</b>	<b>-</b>	<b>-21.1%</b>	<b>-</b>

Source : Petroleum Exploitation Division, MRPAM





### 5.3. PETROLEUM PRODUCTS IMPORTING, /by type, tons, 2018.X/

	TOTAL	Russia	China	Republic of Korea	Other countries
<b>TOTAL</b>	<b>151,957.7</b>	<b>148,527.3</b>	<b>688.9</b>	<b>1,711.2</b>	<b>1,030.2</b>
Gasoline A-80	7,745.2	7,745.2	-	-	-
Gasoline AI-92	30,417.3	28,967.0	-	1,450.4	-
Gasoline AI-95	1,045.6	1,045.6	-	-	-
Gasoline AI-98	1,291.1	-	-	260.9	1,030.2
Diesel fuel	76,216.9	76,216.9	-	-	-
Fuel TS-1	5,389.8	5,389.8	-	-	-
Lique- fied gas	4,808.0	4,765.5	42.5	-	-
Other	25,043.7	24,397.3	646.4	-	-

### 5.4. THE RESIDUE OF PETROLEUM PRODUCTS, /by type, tons, 2017- 2018/

	TOTAL	Gasoline A-80	Gasoline AI-92	Gasoline AI-95	Diesel fuel	Fuel TS-1
2017.X.03	160,002.2	15,807.1	48,227.4	4,991.9	88,675.4	2,300.4
2017.X.10	144,441.3	15,796.2	52,662.2	4,763.0	69,087.9	2,132.0
2017.X.17	131,439.1	17,387.7	53,025.0	4,328.9	54,747.5	1,950.0
2017.X.24	113,125.7	16,007.9	52,828.7	3,746.5	38,699.6	1,843.0
2017.X.31	118,268.1	16,723.6	55,898.0	13,498.2	30,462.3	1,686.0
2018.IX.04	122,229.0	17,503.0	25,367.0	3,147.0	74,550.0	1,662.0
2018.IX.11	124,325.0	13,760.0	26,441.0	4,136.0	78,376.0	1,612.0
2018.IX.18	123,537.0	13,077.0	26,355.0	5,475.0	76,865.0	1,765.0
2018.IX.25	120,769.0	13,481.0	29,008.0	6,115.0	70,620.0	1,545.0
2018.X.02	117,990.0	13,230.0	33,266.0	5,110.0	63,680.0	2,704.0
2018.X.09	105,993.0	12,444.0	32,962.0	4,453.0	54,470.0	1,664.0
2018.X.16	104,917.0	11,322.0	27,004.0	8,366.0	56,704.0	1,521.0
2018.X.23	105,251.0	12,089.0	25,429.0	7,926.0	57,776.0	2,031.0
2018.X.30	95,217.3	12,859.8	26,681.9	4,460.6	49,380.0	1,835.0
<b>2018.X.30</b> <b>2017.X.31</b>	<b>-19.5%</b>	<b>-23.1%</b>	<b>-52.3%</b>	<b>-67.0%</b>	<b>62.1%</b>	<b>8.8%</b>

Source : Petroleum Products Division, MRPAM

5.5. THE WORLD AVERAGE PRICE OF PETROLEUM PRODUCTS ARE SELLING RETAIL SALE, /by US\$/tons, 2018.I-X/

Date	New York		London		Russia		China	
	WTI		BRENT		URALS 32'		DAQING 33'	
2018/01/05	486.83	2.2%	517.88	2.5%	490.51	1.8%	441.58	1.3%
2018/01/12	513.83	5.5%	531.29	2.6%	502.13	2.4%	447.25	1.3%
2018/01/23	502.67	-2.2%	520.92	-2.0%	494.68	-1.5%	443.40	-0.9%
2018/01/26	518.43	3.1%	532.05	2.1%	507.94	2.7%	454.96	2.6%
2018/02/02	510.71	-1.5%	521.07	-2.1%	494.90	-2.6%	454.81	0.0%
2018/02/09	458.82	-10.2%	478.52	-8.2%	448.86	-9.3%	418.75	-7.9%
2018/02/16	481.29	4.9%	492.65	3.0%	459.75	2.4%	424.57	1.4%
2018/02/26	498.69	3.6%	509.45	3.4%	475.39	3.4%	439.84	3.6%
2018/03/02	477.93	-4.2%	489.08	-4.0%	454.27	-4.4%	420.93	-4.3%
2018/03/09	484.10	1.3%	497.59	1.7%	451.20	-0.7%	412.94	-1.9%
2018/03/16	486.44	0.5%	503.06	1.1%	463.84	2.8%	425.30	3.0%
2018/03/23	512.81	5.4%	529.05	5.2%	516.82	11.4%	458.74	7.9%
2018/03/30	492.68	-3.9%	514.46	-2.8%	516.82	0.0%	436.93	-4.8%
2018/04/06	497.52	1.0%	524.26	1.9%	499.21	-3.4%	439.11	0.5%
2018/04/13	518.12	4.1%	550.55	5.0%	512.29	2.6%	470.37	7.1%
2018/04/20	494.55	-4.5%	562.71	2.2%	521.06	1.7%	537.25	14.2%
2018/04/27	531.38	7.4%	567.11	0.8%	539.11	3.5%	543.80	1.2%
2018/05/04	544.03	2.4%	568.86	0.3%	515.80	-4.3%	542.34	-0.3%
2018/05/11	551.67	1.4%	586.41	3.1%	539.70	4.6%	497.63	-8.2%
2018/05/18	556.20	0.8%	596.52	1.7%	559.94	3.8%	514.72	3.4%
2018/05/25	527.01	-5.2%	570.84	-4.3%	536.41	-4.2%	479.97	-6.8%
2018/06/01	518.67	-1.6%	585.43	2.6%	496.21	-7.5%	487.67	1.6%
2018/06/08	512.58	-1.2%	580.56	-0.8%	535.75	8.0%	487.09	-0.1%
2018/06/15	520.38	1.5%	576.99	-0.6%	530.93	-0.9%	487.09	0.0%
2018/06/26	518.35	-0.4%	563.01	-2.4%	529.10	-0.3%	508.61	4.4%
2018/07/03	578.59	11.6%	601.99	6.9%	549.78	3.9%	528.89	4.0%
2018/07/06	576.80	-0.3%	585.96	-2.7%	549.78	0.0%	502.28	-5.0%
2018/07/13	554.09	-3.9%	572.36	-2.3%	540.43	-1.7%	470.95	-6.2%
2018/07/20	532.63	-3.9%	555.19	-3.0%	509.00	-5.8%	472.84	0.4%
2018/07/27	535.99	0.6%	568.03	2.3%	521.79	2.5%	480.47	1.6%
2018/08/03	534.43	-0.3%	556.25	-2.1%	513.02	-1.7%	472.77	-1.6%
2018/08/10	527.72	-1.3%	553.21	-2.6%	506.23	-3.0%	461.21	-4.0%
2018/08/17	508.83	-3.6%	545.61	-1.4%	502.50	-0.7%	453.43	-1.7%
2018/08/24	529.28	4.0%	567.80	4.1%	540.13	7.5%	483.46	6.6%
2018/08/31	544.65	2.9%	589.91	3.9%	550.37	1.9%	495.09	2.4%
2018/09/07	528.65	-2.9%	583.75	-1.0%	551.68	0.2%	487.09	-1.6%
2018/09/14	538.33	1.8%	593.33	1.6%	557.82	1.1%	500.03	2.7%
2018/09/21	552.30	2.6%	594.32	0.2%	558.19	0.1%	504.83	1.0%
2018/09/28	571.57	3.5%	632.08	6.4%	583.54	4.5%	518.71	2.8%
2018/10/05	596.23	4.3%	643.85	1.9%	588.88	0.9%	540.67	4.2%
2018/10/12	556.67	-6.6%	611.11	-5.1%	559.35	-5.0%	535.58	-0.9%
2018/10/19	540.59	-2.9%	606.17	-0.8%	553.36	-1.1%	519.44	-3.0%
2018/10/26	527.40	-2.4%	590.36	-2.6%	538.31	-2.7%	506.94	-2.4%

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)



5.6. THE RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, /by provinces, MNT/litre, 2017-2018/

Aimags and capital cities	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2018.IX.25	2018.X.30	$\frac{2018.IX.25}{2018.X.30}$	2018.IX.25	2018.X.30	$\frac{2018.IX.25}{2018.X.30}$	2018.IX.25	2018.X.30	$\frac{2018.IX.25}{2018.X.30}$	2018.IX.25	2018.X.30	$\frac{2018.IX.25}{2018.X.30}$
<b>NATIONAL AVERAGE PRICE</b>	<b>1783</b>	<b>1865</b>	<b>4.6%</b>	<b>1917</b>	<b>2002</b>	<b>4.4%</b>	<b>2163</b>	<b>2223</b>	<b>2.8%</b>	<b>2215</b>	<b>2328</b>	<b>5.1%</b>
<b>Western region</b>	<b>1842</b>	<b>1972</b>	<b>7.1%</b>	<b>1968</b>	<b>2104</b>	6.9%	-	-	-	<b>2164</b>	<b>2334</b>	<b>7.9%</b>
Bayan-Ulgii	1700	1880	10.6%	1820	2000	9.9%	-	-	-	1890	2100	11.1%
Govi-Altai	1820	1950	7.1%	1930	2070	7.3%	-	-	-	2230	2410	8.1%
Zavkhan	1890	2030	7.4%	1990	2140	7.5%	-	-	-	2260	2450	8.4%
Uvs	1910	1970	3.1%	2090	2150	2.9%	-	-	-	2240	2330	4.0%
Hovd	1890	2030	7.4%	2010	2160	7.5%	-	-	-	2200	2380	8.2%
<b>Hangai region</b>	<b>1746</b>	<b>1811</b>	<b>3.7%</b>	<b>1890</b>	<b>1956</b>	<b>3.5%</b>	<b>2148</b>	<b>2196</b>	<b>2.2%</b>	<b>2209</b>	<b>2299</b>	<b>4.1%</b>
Arkhangai	1770	1830	3.4%	1910	1970	3.1%	2200	2260	2.7%	2240	2330	4.0%
Bayankhongor	1800	1860	3.3%	1930	1990	3.1%	-	-	-	2260	2350	4.0%
Bulgan	1720	1780	3.5%	1860	1920	3.2%	2120	2120	0.0%	2180	2260	3.7%
Uvurkhangai	1770	1830	3.4%	1910	1970	3.1%	-	-	-	2240	2330	4.0%
Orkhon	1690	1790	5.9%	1830	1930	5.5%	2120	2180	2.8%	2160	2260	4.6%
Selenge	1690	1750	3.6%	1830	1890	3.3%	2120	2180	2.8%	2160	2250	4.2%
Khuvsgul	1780	1840	3.4%	1960	2020	3.1%	2180	2240	2.8%	2220	2310	4.1%
<b>Central region</b>	<b>1761</b>	<b>1833</b>	<b>4.1%</b>	<b>1874</b>	<b>1952</b>	<b>4.2%</b>	<b>2169</b>	<b>2240</b>	<b>3.3%</b>	<b>2225</b>	<b>2324</b>	<b>4.4%</b>
Ulaanbaatar	1680	1835	9.2%	1830	1935	5.7%	2120	2270	7.1%	2150	2315	7.7%
Tuv	1690	1750	3.6%	1830	1890	3.3%	2120	2180	2.8%	2150	2240	4.2%
Darkhan	1690	1750	3.6%	1830	1890	3.3%	2120	2180	2.8%	2160	2250	4.2%
Govisumber	1800	1860	3.3%	1900	1960	3.2%	2200	2260	2.7%	2250	2340	4.0%
Dundgovi	1780	1840	3.4%	1830	1990	8.7%	2150	2210	2.8%	2290	2380	3.9%
Dornogovi	1810	1870	3.3%	1900	1960	3.2%	2230	2290	2.7%	2250	2340	4.0%
Umnugovi	1830	1890	3.3%	1970	2030	3.0%	2180	2240	2.8%	2300	2390	3.9%
Zamin Uud	1810	1870	3.3%	1900	1960	3.2%	2230	2290	-	2250	2340	4.0%
<b>Eastern region</b>	<b>1783</b>	<b>1843</b>	<b>3.3%</b>	<b>1937</b>	<b>1997</b>	<b>3.1%</b>	<b>2173</b>	<b>2233</b>	<b>2.7%</b>	<b>2263</b>	<b>2353</b>	<b>4.0%</b>
Dornod	1790	1850	3.4%	1950	2010	3.1%	2180	2240	2.8%	2250	2340	4.0%
Sukhbaatar	1810	1870	3.3%	1970	2030	3.0%	2180	2240	2.8%	2290	2380	3.9%
Khentii	1750	1810	3.4%	1890	1950	3.2%	2160	2220	2.8%	2250	2340	4.0%

Source : Petroleum Products Division, MRPAM



5.7. THE RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, /by type, month, MNT/litre, 2017-2018/

	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
<b>2018.X.30</b> <b>2018.IX.25</b>	<b>4.6%</b>	<b>4.4%</b>	<b>2.8%</b>	<b>5.1%</b>
<b>2018.X.30</b> <b>2017.X.31</b>	<b>19.8%</b>	<b>18.1%</b>	<b>19.4%</b>	<b>31.1%</b>

Source : Petroleum Products Division, MRPAM

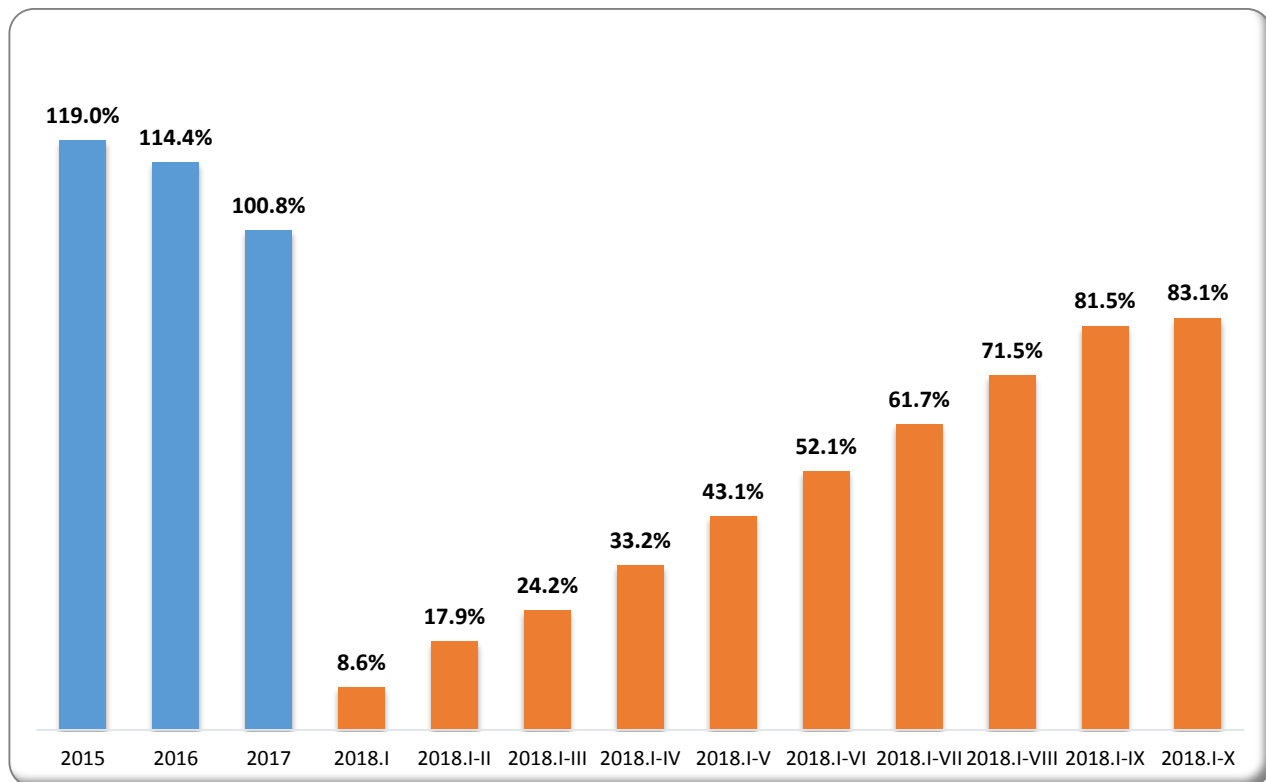


## 6. STATISTICS OF STATE INVESTMENT REVENUE

### 6.1. BUDGET REVENUE PLAN AND PERFORMANCE, /by income type, mln.MNT, 2018/

	Plan of 2018	Performance		Performance rate 2018.I-X
		2018.X	2018.I-X	
License fee	37,000.0	3,711.7	33,642.1	90.9%
Reimbursement	2,100.0	836.0	1,757.0	83.7%
Petroleum export revenue	223,448.3	-	176,467.4	79.0%
Service revenue /petroleum/	2,392.5	-	2,106.0	88.0%
Service revenue /mineral resources/	3,717.3	202.2	1,691.8	45.5%
Tender revenue	23,150.0	-	-	0.0%

### 6.2. PERFORMANCE RATE OF BUDGET REVENUE , 2014-2018



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	70183861
Heavy Industry, Technic and Technology Division	70181239
Petroleum Exploitation Division	70181176
Petroleum Products Division	70181308
Mineral Resources Information Technology Center	328305
Mineral Resources and Petroleum Combustible Testing and Experimental Laboratory	70183105
Statistics specialist of Monitoring, Evaluation and Statistics Division	70183111

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CALL CENTER OF GOVERNMENT	11-11
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