



**IMPLEMENTING AGENCY OF MONGOLIAN GOVERNMENT**  
**MINERAL RESOURCES AND PETROLEUM AUTHORITY**



# **MINERAL RESOURCES AND PETROLEUM STATISTICS**

**2019/09**



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Valid mining and exploration licenses **2,861** (2019.X.03)

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Valid licensed area size **7.7** mln.ha (2019.X.03)

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Percent of total licensed area in Mongolia's territory **4.9%** (2019.X.03)

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Geological survey conducted at expense of the state budget **16,740.3** mln.MNT (2019.I-IX)

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Average price of gold on the world market **1,511.3** US\$/ounce (2019.IX)

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Average price of copper on the world market **5,745.0** US\$/tons (2019.IX)

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Average price of thermal coal on the world market **28.6** US\$/tons (2019.VIII)

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Average price of coking coal on the world market **132.5** US\$/tons (2019.VIII)

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Coal production **44,157.8** thousand tons (2019.I-IX)

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Coal sale **35,904.5** thousand tons (2019.I-IX)

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Coal export **29,013.0** thousand tons (2019.I-IX)

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Petroleum production **5,121,172** barrel (2019.I-IX)

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Petroleum export **4,841,727** barrel (2019.I-IX)

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Petroleum import **1,573,102** tons (2019.I-IX)

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Average price of gasoline A-80 **1,844** MNT (2019.IX.24)

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Average price of gasoline AI-92 **1,920** MNT (2019.IX.24)

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Average price of gasoline AI-95 **2,260** MNT (2019.IX.24)

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Average price of diesel fuel **2,426** MNT (2019.IX.24)

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Copper cathode 99% production **8,950.3** tons (2019.I-IX)

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Metal steel production **21,752.0** tons (2019.I-IX)

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Metal foundries production **23,586.7** tons (2019.I-IX)

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Steel casting production **6,603.9** tons (2019.I-IX)

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Electric wire production **63.1** tons (2019.I-IX)

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Budget revenue of MRPAM **224,436.2** mln.MNT (2019.I-IX)

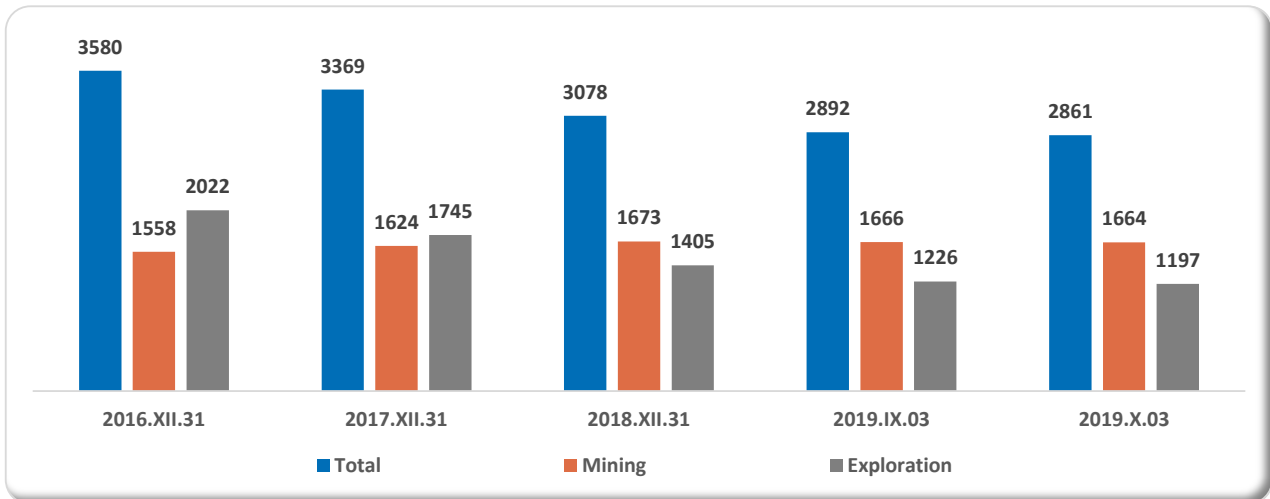
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## 1.1. COUNT OF VALID LICENSES AND AREA SIZE, by provinces and 2019.X.03

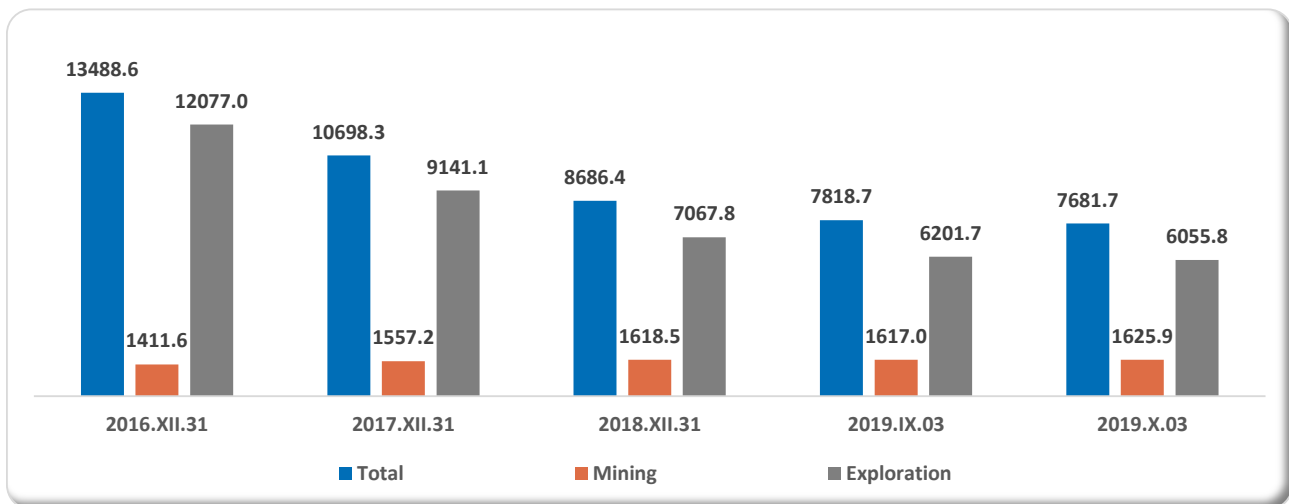
	TOTAL			Of which:					
	Count of Licenses	Area size /ths.ha/	Percent of total territory	Mining			Exploration		
				Count of Licenses	Area size /ths.ha/	Percent of total territory	Count of Licenses	Area size /ths.ha/	Percent of total territory
<b>TOTAL</b>	<b>2861</b>	<b>7,681.6</b>	<b>4.9%</b>	<b>1664</b>	<b>1,625.9</b>	<b>1.0%</b>	<b>1197</b>	<b>6,055.8</b>	<b>3.9%</b>
Arkhangai	22	61.5	1.1%	15	6.2	0.1%	7	55.3	1.0%
Bayan-Ulgii	61	159.2	3.6%	28	15.4	0.3%	33	143.9	3.1%
Bayankhongor	159	372.9	3.4%	92	124.2	1.1%	67	248.7	2.2%
Bulgan	111	139.0	2.9%	74	35.7	0.7%	37	103.2	2.1%
Uvurkhangai	48	136.0	2.2%	28	15.7	0.2%	20	120.4	1.9%
Govi-Altai	149	740.0	5.2%	51	89.3	0.6%	98	650.8	4.6%
Govisumber	18	45.6	8.2%	13	38.9	7.0%	5	6.7	1.2%
Darkhan Uul	71	16.7	5.2%	63	7.8	2.4%	8	8.9	2.7%
Dornogovi	358	1,344.7	12.5%	185	228.5	2.1%	173	1,116.2	10.2%
Dornod	156	517.9	4.1%	73	63.0	0.5%	83	454.9	3.7%
Dundgovi	212	729.5	10.1%	104	178.1	2.4%	108	551.3	7.4%
Zavhan	59	282.8	3.4%	10	15.0	0.2%	49	267.7	3.2%
Umnugovi	185	1,193.1	7.3%	90	440.4	2.7%	95	752.7	4.6%
Orkhon	9	11.1	13.2%	9	11.1	13.2%	0	0.0	0.0%
Sukhbaatar	98	351.8	4.7%	64	52.4	0.6%	34	299.3	3.6%
Selenge	180	97.6	2.4%	141	42.9	1.0%	39	54.7	1.3%
Tuv	402	401.1	5.5%	299	151.5	2.0%	103	249.5	3.4%
Uvs	131	400.2	5.7%	49	21.4	0.3%	82	378.8	5.4%
Ulaanbaatar	172	14.7	3.1%	159	12.1	2.6%	13	2.6	0.5%
Khuvsgul	26	17.0	0.2%	21	10.3	0.1%	5	6.7	0.1%
Khovd	106	279.3	3.8%	35	14.0	0.2%	71	265.3	3.5%
Khentii	222	370.0	4.7%	119	51.9	0.6%	103	318.1	3.9%

Source: Cadastre Division, MRPAM

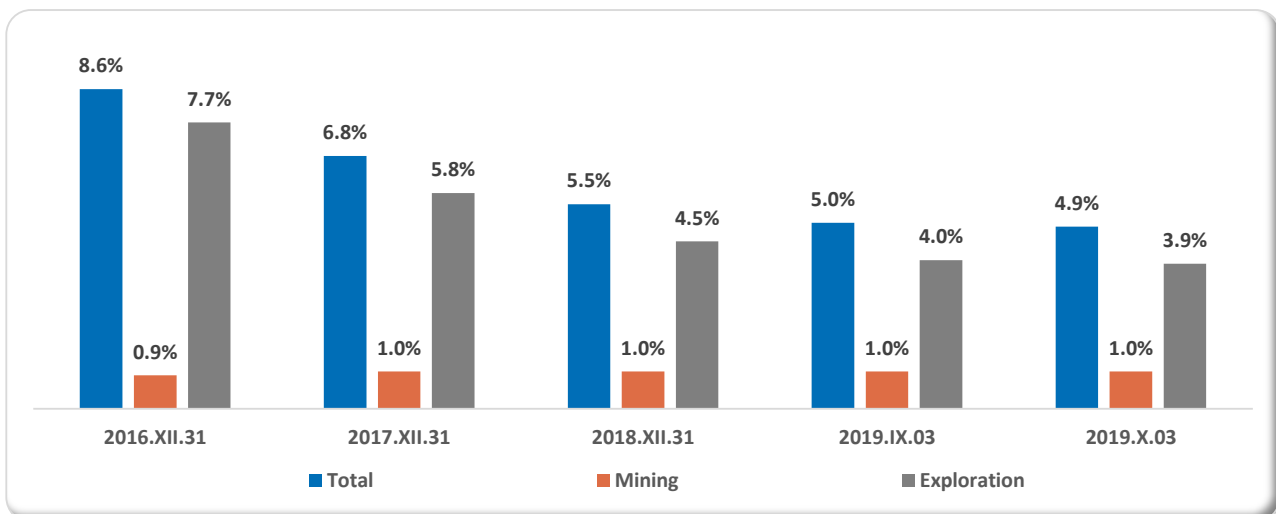
1.2. COUNT OF TOTAL VALID LICENSES, by 2016-2019



1.3. LICENSED AREA, by thousands.ha and 2016-2019



1.4. PERCENT OF TOTAL LICENSED AREA IN MONGOLIA'S TERRITORY, by 2016-2019



Source: Cadastre Division, MRPAM

## 1.5. COUNT OF MINING LICENSE, by type of minerals and 2019.X.03

	Mining license		Area size	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>1664</b>	<b>100%</b>	<b>1,625,851.5</b>	<b>100%</b>
Coal	299	18.0%	788,274.8	48.5%
Gold	540	32.5%	250,160.5	15.4%
Copper	21	1.3%	92,463.5	5.7%
Gold, Copper	14	0.8%	85,749.4	5.3%
Uranium	7	0.4%	76,866.1	4.7%
Construction materials	110	6.6%	58,408.3	3.6%
Iron	76	4.6%	46,084.6	2.8%
Fluorite	186	11.2%	28,808.4	1.8%
Concentrated metal	12	0.7%	26,326.3	1.6%
Graphite	7	0.4%	22,837.3	1.4%
Continental / common mineral	201	12.1%	20,175.9	1.2%
Chromium	1	0.1%	15,805.8	1.0%
Molybdenum	7	0.4%	10,146.4	0.6%
Molybdenum, Copper	4	0.2%	9,342.5	0.6%
Tungsten	29	1.7%	8,741.8	0.5%
Manganese	4	0.2%	7,507.0	0.5%
Gold, Silver	2	0.1%	6,699.9	0.4%
Earth rare metal	8	0.5%	5,236.3	0.3%
Molybdenum, Gold, Copper	1	0.1%	5,236.0	0.3%
Gypsum	16	1.0%	5,199.1	0.3%
Lithium	1	0.1%	4,720.2	0.3%
Blue lead	6	0.4%	4,057.3	0.2%
Zinc	8	0.5%	3,892.8	0.2%
Gold, Concentrated metal	3	0.2%	3,578.5	0.2%
Polymetal	4	0.2%	3,269.2	0.2%
Copper, Zinc	1	0.1%	2,899.3	0.2%
Molybdenum, Tungsten	2	0.1%	2,862.3	0.2%
Silicium	2	0.1%	2,673.5	0.2%
Face stone	1	0.1%	2,487.2	0.2%
Wolfram, Tin	1	0.1%	2,316.2	0.1%
Gold, Silver, Concentrated metal	1	0.1%	2,007.4	0.1%
Tin	3	0.2%	1,812.1	0.1%
limestone	5	0.3%	1,792.4	0.1%
Molybdenum, Wolfram	1	0.1%	1,616.9	0.1%
Lanthanum, Cerium	1	0.1%	1,561.3	0.1%
Aluminium	3	0.2%	1,370.9	0.1%
Iron, Concentrated metal	1	0.1%	1,257.3	0.1%
Other	75	4.5%	11,607.4	0.7%

Source: Cadastre Division, MRPAM

## 1.6. REGISTERED AREA, by mln.ha, overlap and 2019.X.03

	Hectare	Percent of total territory
Valid mining licensed area	1.6	1.0%
Valid exploration licensed area	6.1	3.9%
State protected area	32.7	20.9%
Special purpose area	29.9	19.1%
Strategic deposit, government reserved area	7.2	4.6%
Settled area, border and railway strip area	1.1	0.7%
Other prohibited area	49.1	31.4%

## 1.7. SMALL-SCALE MINING AREA, by provinces and 2019.X.03

	Count of area		Area size	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>270</b>	<b>100%</b>	<b>1103.2</b>	<b>100%</b>
Arkhangai	1	0.4%	4.8	0.4%
Bayan-Ulgii	2	0.7%	53.7	4.9%
Bayankhongor	56	20.7%	146.7	13.3%
Bulgan	29	10.7%	126.4	11.5%
Govi-Altai	1	0.4%	5.7	0.5%
Darkhan Uul	6	2.2%	16.6	1.5%
Dornogovi	12	4.4%	59.6	5.4%
Dornod	2	0.7%	26.2	2.4%
Dundgovi	13	4.8%	104.4	9.5%
Uvurkhangai	19	7.0%	35.0	3.2%
Umnugovi	20	7.4%	86.2	7.8%
Selenge	52	19.3%	220.1	19.9%
Tuv	12	4.4%	78.3	7.1%
Ulaanbaatar	5	1.9%	19.0	1.7%
Khovd	4	1.5%	11.3	1.0%
Khentii	36	13.3%	109.4	9.9%

Source: Cadastre Division, MRPAM

## 1.8. ORIGIN OF LICENSE HOLDERS, by 2019.X.03

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>1777</b>	<b>2861</b>	<b>7,681,647.6</b>	<b>100%</b>
Mongolian entities	1414	2236	5,591,899.6	73.1%
100% foreign entities	257	435	1,606,173.3	20.7%
Joint foreign entities	106	190	483,574.6	6.3%

## 1.9. ORIGIN OF 100% FOREIGN LICENSE HOLDERS, by countries and 2019.X.03

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>257</b>	<b>435</b>	<b>1,606,173.3</b>	<b>100%</b>
China	132	171	395,341.3	24.61%
Virgin Islands	35	69	184,242.5	11.47%
Singapore	17	31	146,321.9	9.11%
Hong Kong	16	57	338,635.6	21.08%
Canada	12	28	271,100.2	16.88%
South Korea	10	15	34,093.7	2.12%
Australia	6	7	32,354.6	2.01%
Holland	3	15	106,872.3	6.65%
Russia	3	3	134.6	0.01%
Great Britain	3	4	6,038.7	0.38%
Luxemburg	2	6	13,528.2	0.84%
Germany	2	2	603.9	0.04%
Japan	2	3	3,015.1	0.19%
Bermud	2	3	7,314.3	0.46%
United States of America	2	4	3,167.8	0.20%
Ukraine	1	1	245.0	0.02%
Russia, China	1	1	47.5	0.00%
Bulgaria	1	1	3,700.9	0.23%
Barbados	1	4	10,040.0	0.63%
New Zealand	1	2	149.4	0.01%
Malaysia	1	2	2,416.5	0.15%
Russia, South Korea	1	1	118.2	0.01%
Luxemburg, Seychelles	1	1	36,391.0	2.27%
Kazakhstan	1	1	136.5	0.01%
Virgin Islands, Singapore	1	3	10,163.7	0.63%

Source: Cadastre Division, MRPAM



1.10. ORIGIN OF JOINT FOREIGN LICENSE HOLDERS, *by countries and 2019.X.03*

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>106</b>	<b>190</b>	<b>483,574.6</b>	<b>100%</b>
Mongolia, China	51	78	118,527.9	24.5%
Mongolia, South Korea	10	17	44,048.4	9.1%
Mongolia, Russia	7	9	1,302.2	0.3%
Mongolia, Virgin Islands	6	10	35,233.8	7.3%
Mongolia, Japan	5	32	82,825.2	17.1%
Mongolia, Germany	4	5	11,776.3	2.4%
Mongolia, Singapore	4	7	30,219.9	6.2%
Mongolia, Czech Republic	4	7	52,526.3	10.9%
Mongolia, Great Britain	2	4	12,989.7	2.7%
Mongolia, Singapore, Hong Kong	1	1	1,469.5	0.3%
Mongolia, Kazakhstan	1	1	1,789.4	0.4%
Mongolia, Macao, Hong Kong	1	2	18,260.9	3.8%
Mongolia, United States of America, Virgin Islands, South Korea	1	1	3,766.7	0.8%
Mongolia, Bulgaria	1	3	1,083.7	0.2%
Mongolia, Canada	1	1	3,957.7	0.8%
Mongolia, Canada, China	1	1	6,352.8	1.3%
Mongolia, Luxemburg	1	1	3,273.9	0.7%
Mongolia, Russia, Ukraine	1	1	46.9	0.0%
Mongolia, Hong Kong, Japan	1	3	43,809.3	9.1%
Mongolia, Poland	1	1	1,561.3	0.3%
Mongolia, Hungary	1	1	87.4	0.0%
Mongolia, Hong Kong	1	4	8,665.5	1.8%

Source: Cadastre Division, MRPAM

## 1.11. PLEDGING LICENSES, by bank and non-bank financial institute and 2019.X.03

	License		Area	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>236</b>	<b>100%</b>	<b>270,600.5</b>	<b>100%</b>
Golomt Bank	30	12.7%	26,848.4	9.9%
Trade and Development Bank	29	12.3%	13,645.7	5.0%
Development Bank of Mongolia	24	10.2%	16,714.7	6.2%
Ulaanbaatar City Bank	18	7.6%	13,365.5	4.9%
HAAN Bank	13	5.5%	2,647.4	1.0%
Capital Bank	12	5.1%	1,542.2	0.6%
Golomt, Saving, Zoos, Anod Banks	11	4.7%	80,891.6	29.9%
XAC Bank	11	4.7%	2,616.7	1.0%
Anod Bank	9	3.8%	7,355.5	2.7%
Chinggis Khan Bank	8	3.4%	3,247.7	1.2%
European Bank for Reconstruction and Development	7	3.0%	2,658.5	1.0%
Capitronbank	5	2.1%	1,431.0	0.5%
State Bank	4	1.7%	570.6	0.2%
National Investment Bank	4	1.7%	1,247.2	0.5%
Bank of China	4	1.7%	978.2	0.4%
Transport Development bank	3	1.3%	1,670.1	0.6%
Bogd bank	3	1.3%	154.0	0.1%
Saving bank	3	1.3%	10,911.8	4.0%
Khutult nomgon	3	1.3%	294.2	0.1%
Export-Import Bank of China	3	1.3%	1,092.0	0.4%
Triple flag mining finance Bermuda Ltd	3	1.3%	13,017.0	4.8%
GSB capital NBFi	2	0.8%	9,271.1	3.4%
World Gold	2	0.8%	2,194.9	0.8%
Erel bank	2	0.8%	150.3	0.1%
First lithium Corporation	2	0.8%	17,131.1	6.3%
Zoos Bank	2	0.8%	19,298.9	7.1%
Other	19	8.1%	19,654.4	7.3%

Source: Cadastre Division, MRPAM

## 1.12. LIST OF LICENSE HOLDERS WITH 10 AND ABOVE LICENSES, by 2019.X.03

No	Name of entity	Count of license	Area size /ha/	Company type	Nationality
1	Mongolroscvetmet	26	15,086.0	mongolian legal entity	Mongolia
2	Chinggis world mining	25	72,617.6	joint venture with foreign investment	Mongolia, Japan
3	Mongolyn alt Mak	23	60,249.8	mongolian legal entity	Mongolia
4	Gacuurt	17	9,557.3	mongolian legal entity	Mongolia
5	Caina investment mongolia	15	207,645.0	Entity with 100% foreign investment	Singapore
6	Olon-Ovoot gold	14	90,111.6	mongolian legal entity	Mongolia
7	Golden east mongolia	13	48,653.7	Entity with 100% foreign investment	Virgin Islands
8	Gobi Coal and Energy	12	7,139.8	mongolian legal entity	Mongolia
9	Khunnu gobi altai	12	2,206.7	mongolian legal entity	Mongolia
10	Platinum land	11	3,621.3	mongolian legal entity	Mongolia
11	MoEnCo	10	12,807.4	Entity with 100% foreign investment	Singapore
12	Erel	10	10,960.9	mongolian legal entity	Mongolia
13	MAK cement	10	3,745.9	mongolian legal entity	Mongolia

## 1.13. LIST OF LICENSE HOLDERS WITH 100'000 AND ABOVE LICENSED AREA SIZE, by 2019.X.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	154,746.3	mongolian legal entity	Mongolia
3	Monlaa	4	108,679.0	mongolian legal entity	Mongolia

Source: Cadastre Division, MRPAM

1.14. RECEIVED APPLICATION, *by application type and 2016-2019*

	2016	2017	2018	2019.I-VIII	2019.I-IX
<b>TOTAL</b>	<b>613</b>	<b>813</b>	<b>1187</b>	<b>574</b>	<b>604</b>
<b>New license</b>	<b>131</b>	<b>288</b>	<b>226</b>	<b>192</b>	<b>202</b>
Mining	103	65	78	47	57
Exploration	0	0	0	0	0
Tender	28	223	148	145	145
<b>Extension of exploration license</b>	<b>173</b>	<b>231</b>	<b>657</b>	<b>262</b>	<b>264</b>
<b>Transfer</b>	<b>139</b>	<b>153</b>	<b>157</b>	<b>46</b>	<b>55</b>
Mining	49	78	25	19	21
Exploration	90	75	132	27	34
<b>Pledge</b>	<b>33</b>	<b>37</b>	<b>61</b>	<b>14</b>	<b>15</b>
Mining	30	32	58	14	15
Exploration	3	5	3	0	0
<b>Surrender</b>	<b>137</b>	<b>104</b>	<b>86</b>	<b>60</b>	<b>68</b>
Mining	26	14	12	6	9
Exploration	111	90	74	54	59

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

	2016	2017	2018	2019.I-VIII	2019.I-IX
<b>New license</b>	<b>750</b>	<b>151</b>	<b>85</b>	<b>102</b>	<b>115</b>
Mining	93	77	61	42	48
Exploration	629	41	5	0	0
Tender	28	33	19	60	67
<b>Surrendered</b>	<b>166</b>	<b>97</b>	<b>91</b>	<b>57</b>	<b>61</b>
Mining	25	13	11	6	7
Exploration	141	84	80	51	54
<b>Canceled</b>	<b>241</b>	<b>237</b>	<b>181</b>	<b>140</b>	<b>152</b>
Mining	37	35	33	56	59
Exploration	204	202	148	84	93
<b>Expired</b>	<b>124</b>	<b>176</b>	<b>209</b>	<b>155</b>	<b>177</b>
<b>Transferred</b>	<b>146</b>	<b>136</b>	<b>172</b>	<b>44</b>	<b>49</b>
Mining	50	62	38	16	18
Exploration	96	74	134	28	31
<b>Extended</b>	<b>167</b>	<b>162</b>	<b>566</b>	<b>290</b>	<b>293</b>
<b>Pledged</b>	<b>29</b>	<b>39</b>	<b>56</b>	<b>13</b>	<b>14</b>
Mining	27	34	53	13	14
Exploration	2	5	3	0	0
<b>Terminated pledges</b>	<b>16</b>	<b>39</b>	<b>27</b>	<b>14</b>	<b>13</b>
Mining	12	38	26	14	12
Exploration	4	1	1	0	1
<b>Re-issue of license documents</b>	<b>35</b>	<b>26</b>	<b>40</b>	<b>10</b>	<b>12</b>
Mining	15	19	13	6	6
Exploration	20	7	27	4	6

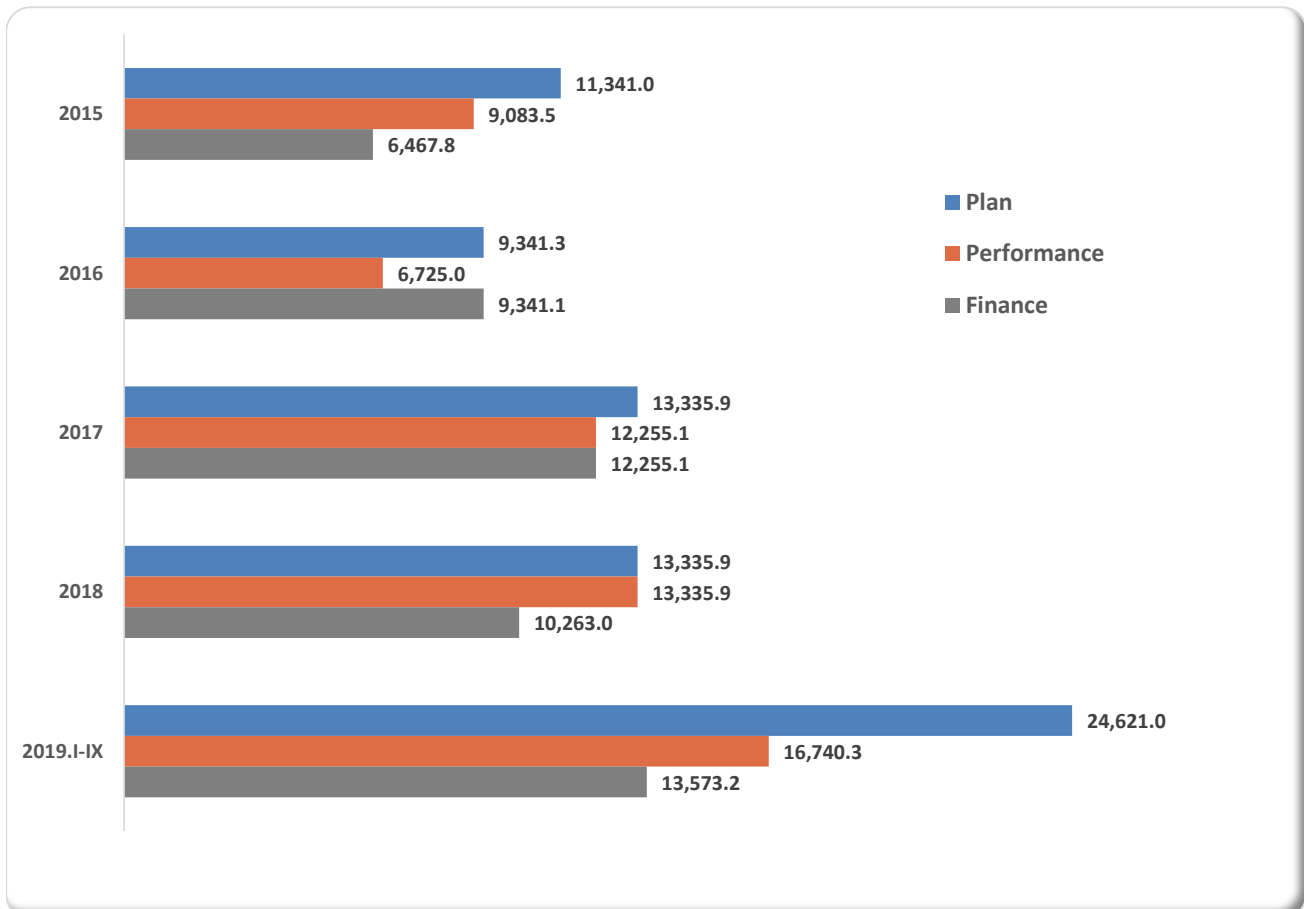
Source: Cadastre Division, MRPAM

# 2 | GEOLOGY

## 2.1. GEOLOGICAL SURVEY CONDUCTED AT EXPENSE OF THE STATE BUDGET, by million MNT, type of work and 2017-2019

	2017		2018		2019.I-IX	
	Mln.MNT	Percent	Mln.MNT	Percent	Mln.MNT	Percent
<b>TOTAL</b>	<b>12,255.1</b>	<b>100%</b>	<b>13,335.0</b>	<b>100%</b>	<b>16,740.3</b>	<b>100%</b>
1:200000 scale geological map	482.3	3.9%	408.5	3.1%	590.3	3.5%
1:50000 scale geological map, general survey	5,355.9	43.7%	4,692.7	35.2%	6,166.0	36.8%
Thematic work	6,274.6	51.2%	8,144.1	61.1%	9,786.0	58.5%
Collaborative projects	142.4	1.2%	90.0	0.7%	198.0	1.2%

## 2.2. PLAN AND PERFORMANCE OF GEOLOGICAL SURVEY CONDUCTED AT EXPENSE OF THE STATE BUDGET, by million MNT and 2015-2019



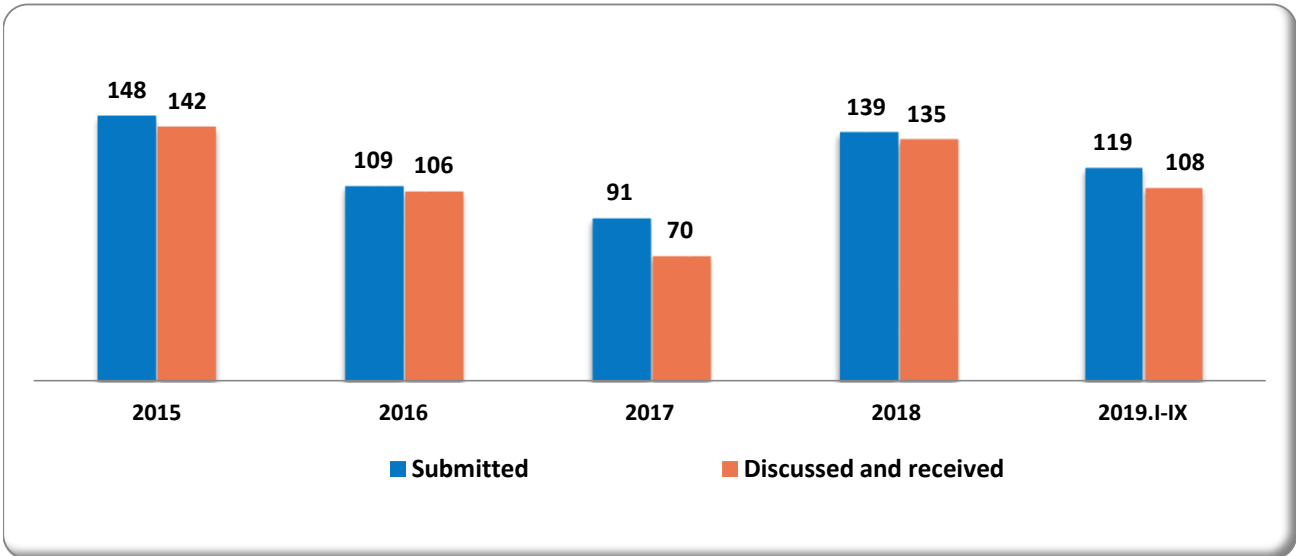
Source: Geology and Exploration Division, MRPAM

2.3. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, by million MNT, type work and 2016-2017

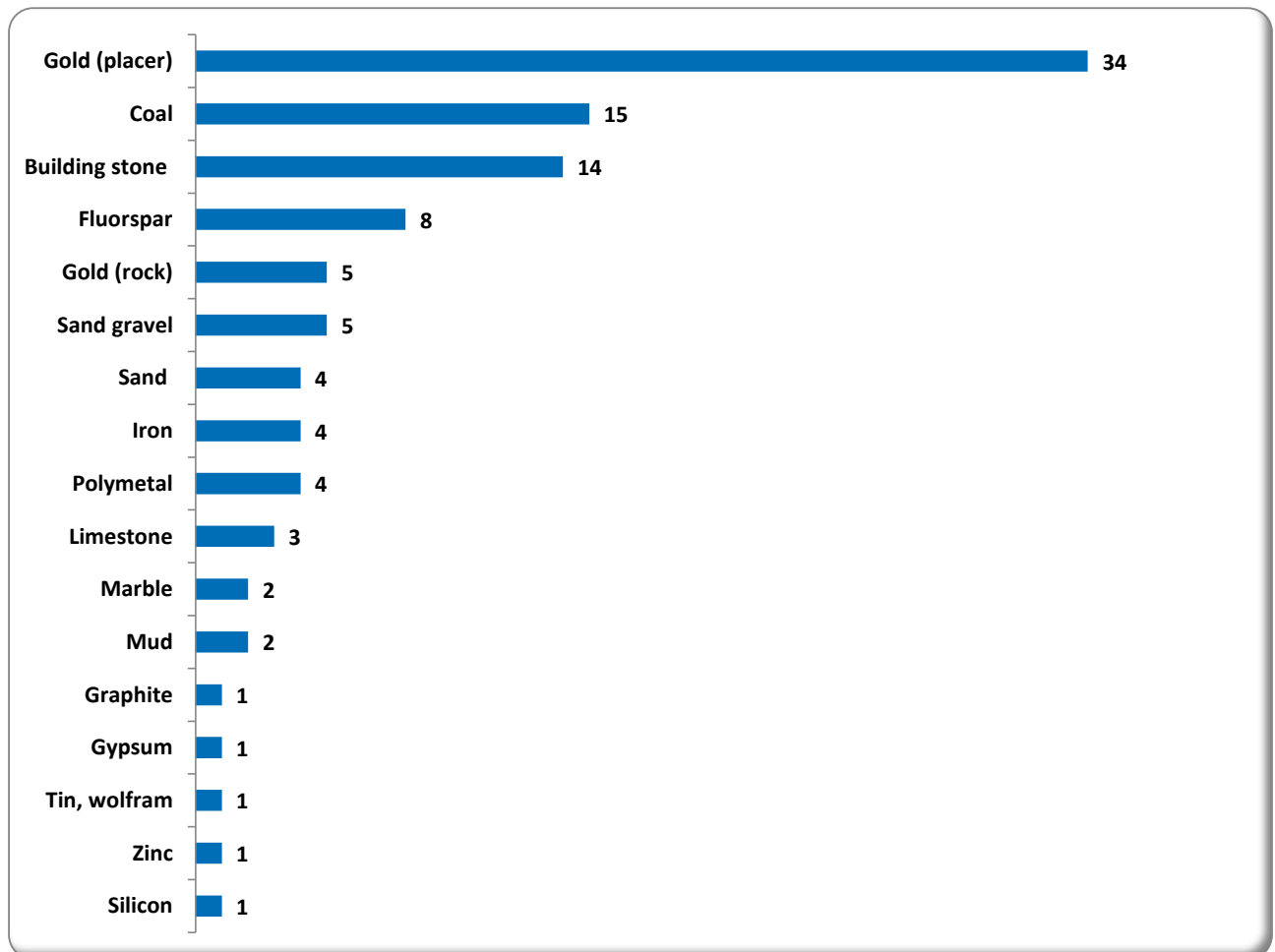
	2016	2017	2018	Percent of 2018
<b>TOTAL</b>	<b>190,260</b>	<b>130,586.6</b>	<b>130,365.1</b>	<b>100%</b>
Preparation	8,924.2	3,615.2	3,386.0	2.6%
Mapping	5,815.3	1,886.1	6,337.0	4.9%
Geological survey	6,383.5	2,334.6	2,688.4	2.1%
Sampling	32,645.9	80,896.6	69,082.3	53.0%
Geophysical work	9,826.5	15,008.9	9,683.1	7.4%
Mining	1,697.1	-	-	0.0%
Drilling	68,917.0	5,825.9	11,371.6	8.7%
Laboratory	8,833.1	11,413.4	10,125.0	7.8%
Topogeodetic work	2,248.6	5,518.1	3,514.0	2.7%
Hydrogeological work	1,174.1	943.7	1,523.1	1.2%
Geoecological survey	-	-	1,095.4	0.8%
Transport	17,331.0	341.4	1,073.2	0.8%
Indoor, laboratory investigation	11,685.7	1,120.4	797.6	0.6%
Environment reclamation	1,346.9	348.3	439.4	0.3%
Field sampling	2,101.3	929.4	1,651.1	1.3%
Archeology	231.2	162.2	173.2	0.1%
Assume expenses	-	-	6,585.7	5.1%
Other	11,098.5	242.4	838.9	0.6%

Source: Geology and Exploration Division, MRPAM

2.4. RECEIVED EXPLORATION REPORT, by 2015-2019



2.5. DEPOSIT DELIVERED TO THE STATE INTEGRATED REGISTRATION OF MINERAL RESERVES, by 2019.I-IX



Source: Geology and Exploration Division, MRPAM

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

	Unit	2018		2019.I-IX	
		ore	metal	ore	metal
Gold (rock)	ths.t/kg	6,537.9	18,697.9	46,603.9	52,949.8
Silver	t	-	-	-	173.9
Blue lead	ths.t	-	-	-	90.2
Zinc	ths.t	-	-	-	164.1
Gold (placer)	kg	5,140.2	4,600.6	3,654.6	3,261.4
Iron	ths.t	44,969.8	18,287.9	15,545.9	-
Iron	ths.t	-	-	-	4992.3
Zinc	ths.t	-	-	-	70.3
Polymetal	ths.t	167,692.3	-	11,907.1	-
Copper	t	-	51,909.0	-	1,284.8
Zinc	t	-	1,174,190.0	-	94,319.7
Blue lead	t	-	606,274.0	-	23,127.1
Gold	kg	-	512,904.0	-	871.1
Silver	t	-	132,224.9	-	91.3
Tin (placer)	t	-	-	-	547.7
Tungsten (placer)	t	-	-	-	75.4
Tungsten	ths.t	36.6	1.4	-	-
Rare earth elements	ths.t	356.80	125.16	-	-
Copper Molybdenum	ths.t	55,871.20	-	-	-
Copper	t	-	149.1	-	-
Molybdenum	t	-	2.2	-	-
Fluorspar	ths.t	6,932.0	1,239.1	1,933.9	833.4
Uranium	ths.t	51,583.2	15.5	-	-
Zinc	ths.t	-	-	3,273.9	-
Zinc	ths.t	-	-	-	308.6
Blue lead	ths.t	-	-	-	16.3
Silver	kg	-	-	-	87.8
Iron	ths.t	-	-	-	636.7
Coal	mln.t	9,662.7	-	4,956.4	-
Silicon	ths.t	-	-	182.1	-
Limestone	mln.t	52.7	-	2.3	-
Building stone	ths.t	-	-	336,337.7	-
Graphite	ths.t	-	-	347.4	-
Gypsum	ths.t	-	-	683.3	-
Mud	ths.m3	-	-	3,796.4	-
Sand gravel	ths.m3	-	-	6,571.6	-
Sand	ths.m3	-	-	543.2	-
Marble	ths.m3	-	-	81,596.8	-

Source: Geology and Exploration Division, MRPAM

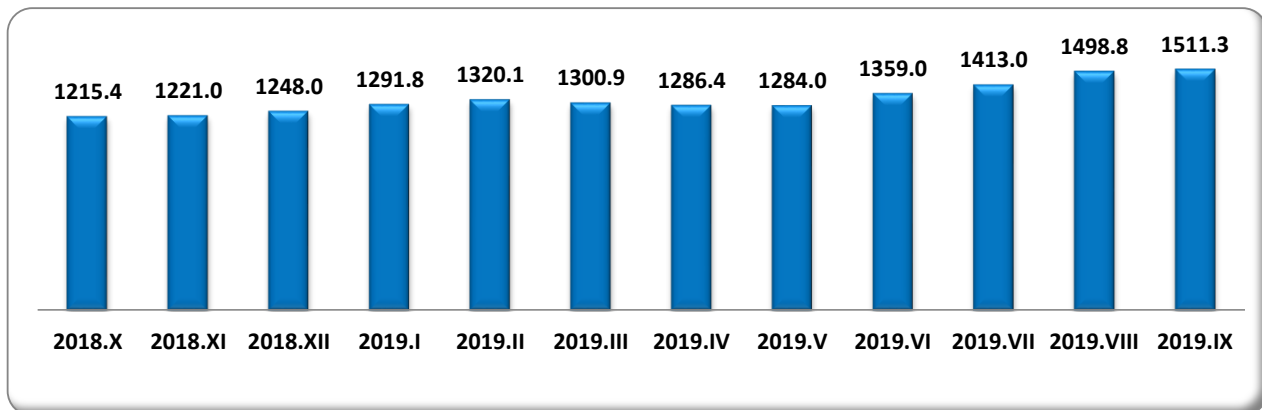


# 3 | MINING

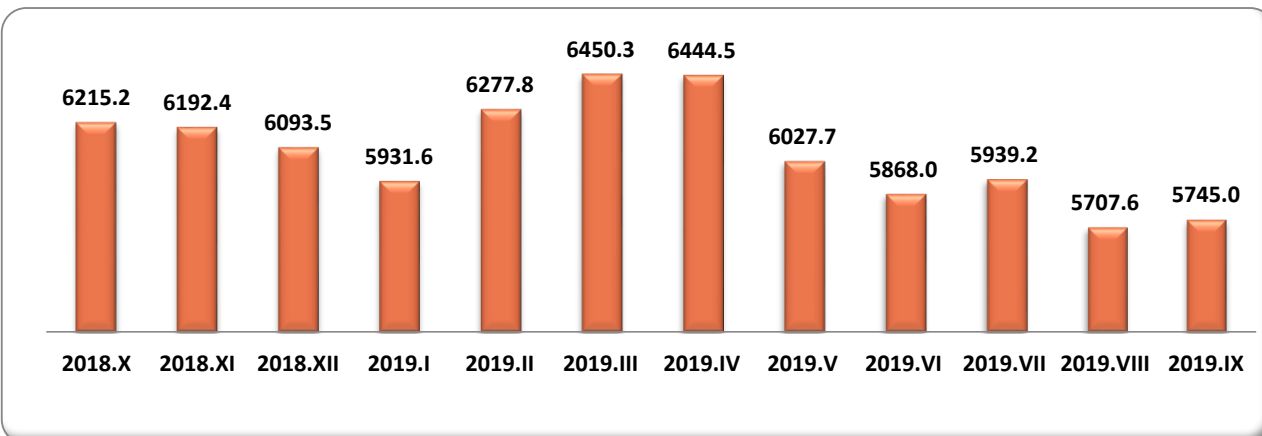
## 3.1. AVERAGE OF COMMODITY PRICES ON THE WORLD MARKET, by 2018-2019

	Unit	2018.IX	2018	2019.VIII	2019.IX	<u>2019.IX</u> 2018.IX	<u>2019.IX</u> 2019.VIII
Gold	\$/ounce	1,198.5	1,269.4	1,498.8	1,511.3	126.1%	100.8%
Silver	\$/ounce	14.3	15.8	17.1	18.2	127.1%	106.0%
Copper	\$/tons	6,019.6	6,508.1	5,707.6	5,745.0	95.4%	100.7%
Zinc	\$/tons	2,432.7	2,895.6	2,274.6	2,319.2	95.3%	102.0%
Blue lead	\$/tons	2,027.8	2,237.3	2,042.7	2,070.3	102.1%	101.4%
Tin	\$/tons	18,989.5	19,954.6	16,567.3	16,828.5	88.6%	101.6%
Molybdenum	\$/tons	25,000.0	23,075.4	23,800.0	26,102.7	104.4%	109.7%
Tungsten	\$/tons	39,530.0	41,640.0	28,210.0	27,970.0	70.8%	99.1%
Iron ore	\$/tons	36.4	39.6	64.6	63.8	175.2%	98.8%
Fluorite concentrate AG-97	\$/tons	455.0	486.0	425.0	425.0	93.4%	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 and last 12 months

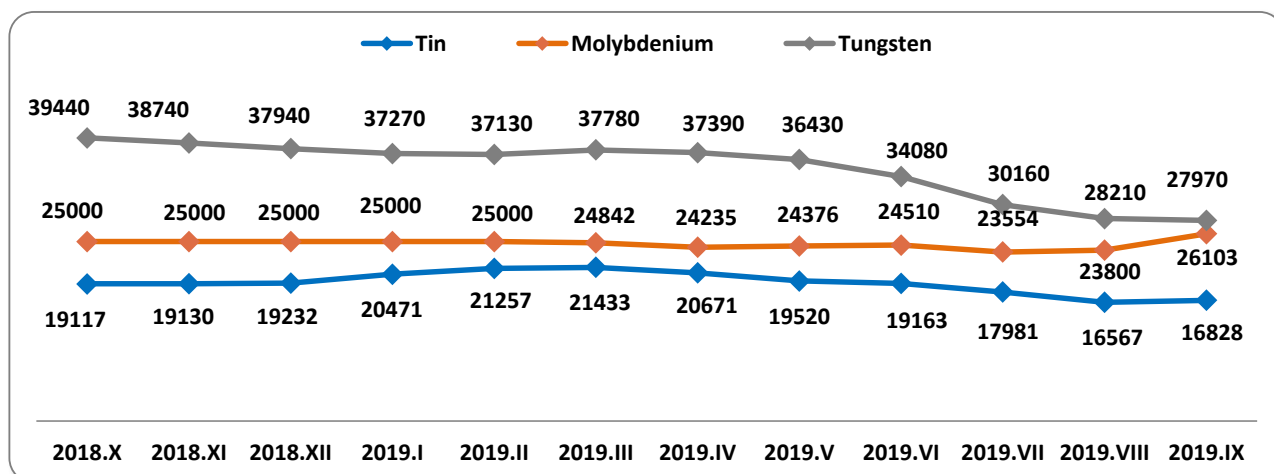


## 3.3. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, by US\$/tons and last 12 months

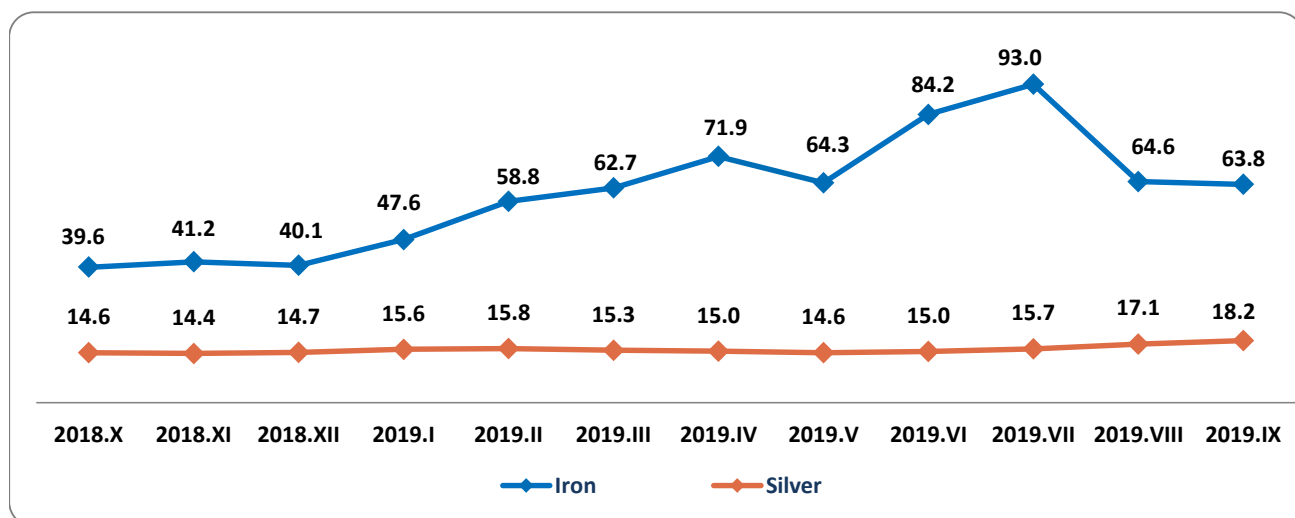


Source: [www.kitco.com](http://www.kitco.com), [www.westmetall.com](http://www.westmetall.com), [www.lme.com](http://www.lme.com), [www.asianmetal.com](http://www.asianmetal.com), [www.lndmin.com](http://www.lndmin.com), [www.umetal.com](http://www.umetal.com) [www.sxcoal.com](http://www.sxcoal.com)

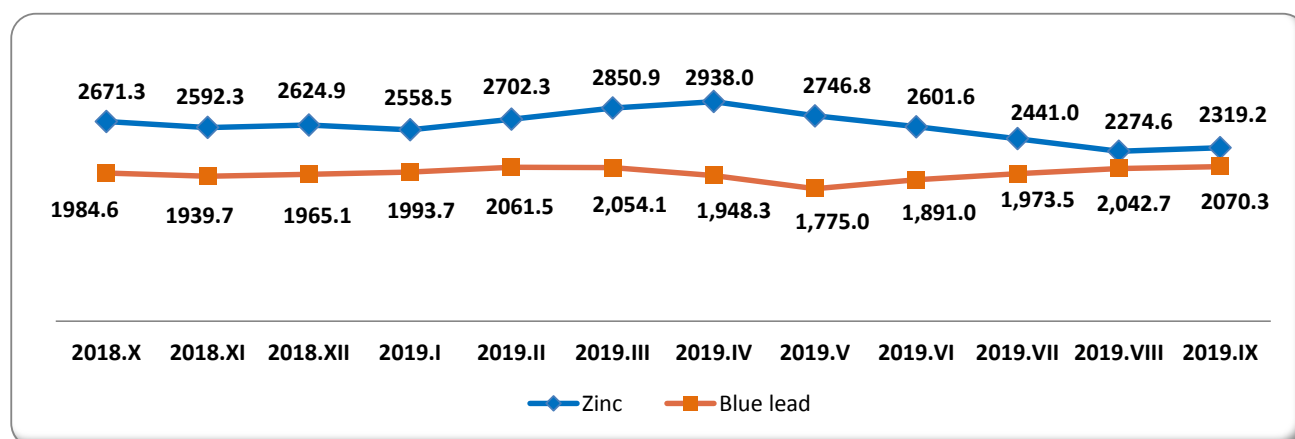
3.4. AVERAGE PRICE OF TIN, MOLYBDENIUM AND TUNGSTEN ON THE WORLD MARKET, by US\$/tons and last 12 months



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



3.6. AVERAGE PRICE OF ZINC AND BLUE LEAD ON THE WORLD MARKET, by US\$/tons and last 12 months



Source: [www.kitco.com](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, by 2018-2019

	Stock exchange	Symbol	Currency	Price						Market value /2019 X.03/
				2018.IX	2018	2019.VIII	2019.IX	<u>2019.IX</u> 2018.IX	<u>2019.IX</u> 2019.VIII	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	2.182	2.591	0.48	0.465	21.3%	96.9%	958.41M
Peabody Energy Corporation	NYQ	BTU	USD	42.161	39.303	18.375	16.933	40.2%	92.2%	1.50B
Rio Tinto plc	LSE	RIO.L	GBp	3,686.3	3,895.5	4,102.6	4,236.5	114.9%	103.3%	67.38B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	0.137	0.155	0.117	0.102	74.5%	87.2%	178.72M
Mongolian Mining Corporation	HKG	0975.HK	HKD	0.153	0.171	0.758	0.953	622.9%	125.7%	895.39M
South Gobi Resources Ltd.	HKG	1878.HK	HKD	0.911	1.017	0.995	0.926	101.6%	-	178.14M
Centerra Gold Inc.	TOR	CG.TO	CAD	5.302	6.276	11.802	11.135	210.0%	94.3%	3.45B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.351	0.367	0.235	0.216	61.5%	91.9%	35.87M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.488	0.536	0.32	0.283	58.0%	88.4%	40.22M
Prophecy Development Corp.	TOR	PCY.TO	CAD	0.162	2.015	0.233	0.386	238.3%	165.7%	39.91M
Steppe Gold Ltd	TOR	STGO.TO	CAD	1.224	1.145	0.95	0.895	73.1%	94.2%	41.58M
Kincora Copper Limited	VAN	KCC.V	CAD	0.164	0.159	0.121	0.091	55.5%	75.2%	10.05M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.012	0.017	-	-	-	-	-
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.131	0.177	0.058	0.051	38.9%	87.9%	34.93M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.024	0.018	0.015	0.014	58.3%	93.3%	46.57M
Haranga Resources Limited	ASX	HAR.AX	AUD	-	0.003	-	-	-	-	-
Tian Poh Resources Limited	ASX	TPO.AX	AUD	-	0.082	-	-	-	-	34.79M
Banpu Public Company Limited	SET	BANPU.BK	THB	7.504	19.856	12.362	11.7	155.9%	94.6%	61.91B
Petro Matad Limited	LSE	MATD.L	GBp	19.445	8.608	7.018	6.206	31.9%	88.4%	30.29M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	0.011	0.012	-	-	-	-	-

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, by 2018-2019

	Symbol	Price					
		2018.IX	2018	2019.VIII	2019.IX	<u>2019.IX</u> 2018.IX	<u>2019.IX</u> 2019.VIII
Tavantolgoi	TTL	7,705.0	9,059.0	6,675.0	6,621.0	85.9%	99.2%
Baganuur	BAN	1,537.0	1,867.0	1,144.0	1,027.0	66.8%	89.8%
Shivee-Ovoo	SHV	1,867.0	2,087.0	2,303.0	2,456.0	131.5%	106.6%
Aduunchuluun	ADL	1,988.0	2,534.0	1,600.0	1,500.0	75.5%	93.8%
Shariin Gol	SHG	1,979.0	2,261.0	1,465.0	1,310.0	66.2%	89.4%
Erdene Resource Development Corporation	ERDN	621.0	605.0	519.0	484.0	-	93.3%
Mogoin gol	BDL	6,093.0	7,666.0	7,407.0	9,455.0	155.2%	127.6%
Bayanteeg	BTG	-	13,919.0	-	20,640.0	-	-
Berkh-Uul	BEU	675.0	802.0	-	550.0	-	-
Khar Tarvagatai	TVT	-	10,545.0	7,300.0	-	-	-
Taliin Gal	TAL	-	15.0	-	-	-	-
Mongol Basalt	MBW	338.0	345.0	351.0	301.0	89.1%	85.8%
Mongol Ceramic	KEK	-	21,000.0	-	-	-	-
Silikat	SIL	-	152.0	-	-	-	-
Songolon barmat	SSG	-	891.0	-	-	-	-
Remicon	RMC	36.0	37.0	27.0	24.0	66.7%	88.9%
Arig Tal	EER	3,509.0	3,631.0	3,301.0	3,325.0	94.8%	100.7%
Niislel-Urguu	NUR	-	9,600.0	-	-	-	-
Erchim Bayan-Ulgii	BOE	-	-	-	-	-	-
Khukh Gan	HGN	92.0	90.0	72.0	68.0	73.9%	94.4%
Nako Tulsh	NKT	-	135.0	-	55.0	-	-

Source: [www.mse.mn](http://www.mse.mn)

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

	Unit	2014	2015	2016	2017	2018 (2019.IX.30)
Area covered by mining	ha	1560.7	871.0	703.5	1002.3	1001.8
Rehabilitated area	ha	959.6	750.0	876.4	677.2	740.1
Expenses for rehabilitation	mIn.MNT	9211.6	4019.0	2167.2	2966.4	3736.7
Area covered by technical rehabilitation	ha	523.1	589.0	954.0	698.5	684.2
Area covered by biological rehabilitation	ha	322.0	320.0	718.0	595.8	655.6
Environmental expenses	mIn.MNT	11683.1	3771.0	5180	5155	7338.9
Area of abusive protection rehabilitation	ha	-	-	257.0	81.6	170.6
Expenses for abusive protection rehabilitation	mIn.MNT	-	-	739.1	413.5	580.6
Area of remodeling the mine and rehabilitation of the village	ha	-	-	29.0	44.0	43.9
Expenses for remodeling the mine and rehabilitation of the village	mIn.MNT	-	-	175.0	214.0	300.0

## 3.10. AREA COVERED BY MINING AND REHABILITATION AREA IN 2018, by provinces and 2019.IX.30

	Count of entities	Area covered by mining		Area covered by technical rehabilitation		Area covered by biological rehabilitation		Environmental expenses	
		Ha	Percent	Ha	Percent	Ha	Percent	Ha	Percent
<b>TOTAL</b>	<b>155</b>	<b>1001.8</b>	<b>100%</b>	<b>684.2</b>	<b>100%</b>	<b>655.7</b>	<b>100%</b>	<b>740.1</b>	<b>100%</b>
Arkhangai	2	6.1	0.6%	10.0	1.5%	28.4	4.3%	28.4	3.8%
Bayan-Ulgii	1	0.2	0.0%	0.0	0.0%	2.0	0.3%	2.0	0.3%
Bayankhongor	8	24.4	2.4%	26.5	3.9%	18.2	2.8%	20.0	2.7%
Bulgan	9	91.7	9.2%	52.1	7.6%	55.6	8.5%	60.3	8.1%
Bulgan, Selenge	1	3.5	0.3%	6.4	0.9%	6.8	1.0%	7.1	1.0%
Bulgan, Tuv	7	141.3	14.1%	198.6	29.0%	102.3	15.6%	102.3	13.8%
Govi-Altai	3	42.0	4.2%	14.8	2.2%	3.5	0.5%	3.6	0.5%
Darkhan Uul	11	16.4	1.6%	31.8	4.6%	13.9	2.1%	19.8	2.7%
Dornogovi	9	26.3	2.6%	0.2	0.0%	1.9	0.3%	3.2	0.4%
Dornod	7	13.9	1.4%	9.5	1.4%	18.3	2.8%	18.9	2.6%
Dundgovi	10	5.6	0.6%	1.3	0.2%	0.1	0.0%	4.0	0.5%
Orkhon	2	173.4	17.3%	1.7	0.2%	2.4	0.4%	14.1	1.9%
Uvurkhangai	1	1.8	0.2%	2.0	0.3%	1.0	0.2%	1.0	0.1%
Umnugovi	4	11.7	1.2%	18.5	2.7%	12.5	1.9%	14.0	1.9%
Sukhbaatar	8	3.6	0.4%	0.6	0.1%	6.9	1.1%	26.0	3.5%
Selenge	16	126.7	12.6%	42.4	6.2%	31.6	4.8%	50.0	6.8%
Tuv	40	283.8	28.3%	255.5	37.3%	340.9	52.0%	350.2	47.3%
Khentii	16	29.4	2.9%	12.3	1.8%	9.4	1.4%	15.2	2.1%

Source: Mining Industry and Technology Division, MRPAM

# 4 | COAL

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

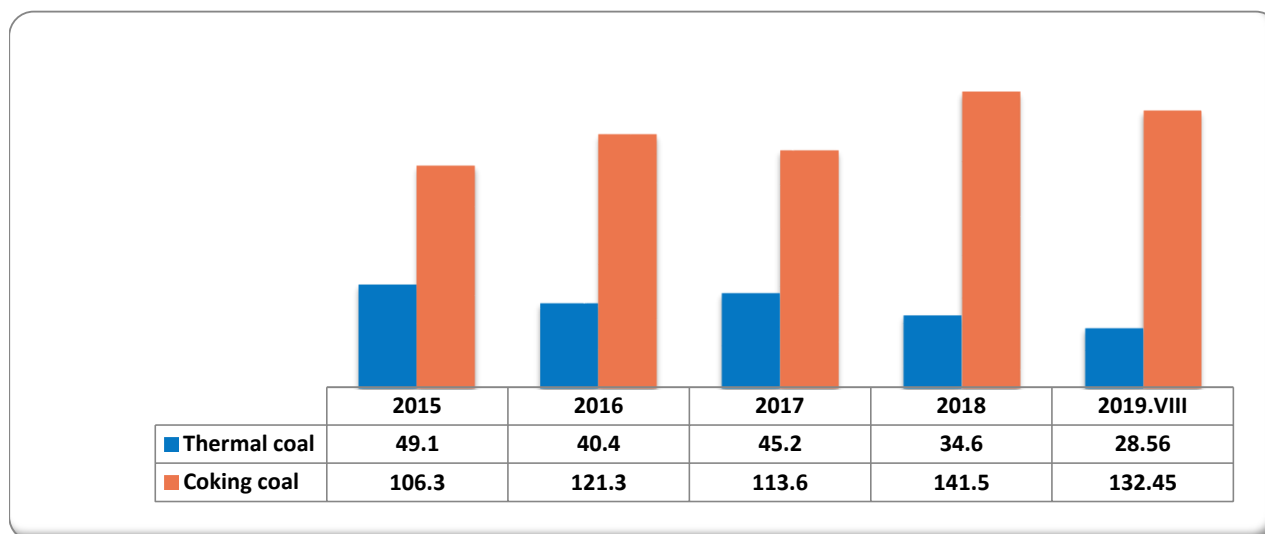
	Striping /ths.m3/	Coal production /ths.tons/	Coal sale /ths.tons/	Coal export /ths.tons/
2014	95,600.0	24,449.0	27,305.0	19,513.0
2015	92,975.0	23,979.0	22,125.0	14,468.0
2016	102,374.3	35,096.5	33,831.7	25,809.3
2017	197,240.8	49,480.3	41,904.6	33,400.1
2018	244,861.2	54,572.3	45,741.9	36,671.4
2019.I-IX	189,372.1	44,157.8	35,904.5	29,013.0

## 4.2. COAL SALE, by ths.tons, type and 2019.I-IX

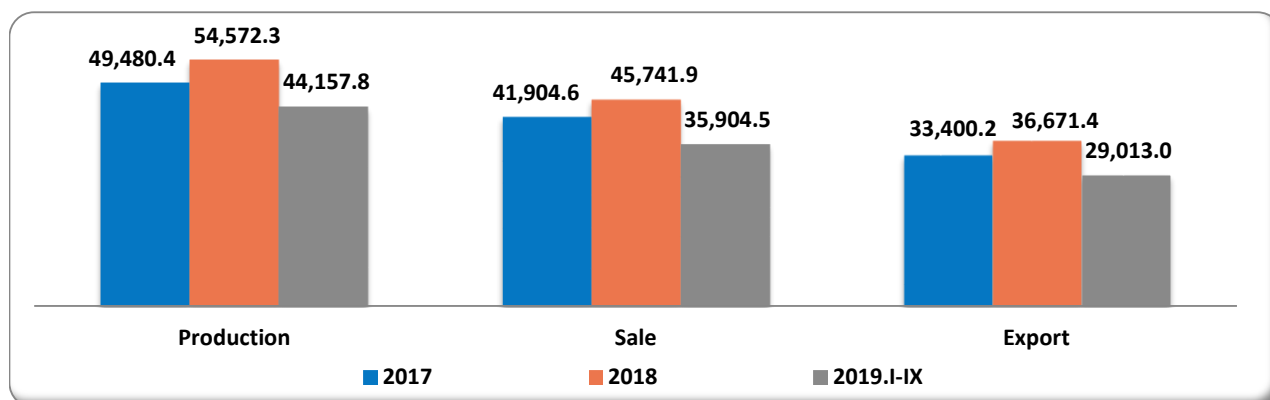
	TOTAL	Export	Local
<b>БҮГД</b>	<b>35,904.5</b>	<b>29,013.0</b>	<b>6,891.5</b>
Washed coking coal	5,215.0	5,215.0	-
Raw coking coal	13,335.2	13,335.2	-
Weak coking coal	6,621.3	6,621.3	-
Thermal coal	3,841.5	3,841.5	-
Brown coal	6,891.5	-	6,891.5

Source: Coal Research Division, MRPAM

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



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

4.4. COAL PRODUCTION, SALE AND EXPORT, by *ths.tons* and 2017- 20194.5. COAL PRODUCTION, SALE AND EXPORT, by *ths.tons*, month and 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-IX</b>	<b>44,157.8</b>	<b>35,904.5</b>	<b>29,013.0</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
2019.VI	4,435.5	3,695.8	3,066.5
2019.VII	5,196.0	3,602.8	2,936.5
2019.VIII	5,402.1	4,139.1	3,415.8
2019.IX	5,801.5	4,773.7	3,987.6
<b>2019.IX</b> <b>2018.IX</b>	<b>135.4%</b>	<b>99.7%</b>	<b>98.7%</b>
<b>2019.I-IX</b> <b>2018.I-IX</b>	<b>120.1%</b>	<b>107.5%</b>	<b>106.3%</b>

Source: Coal Research Division, MRPAM

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

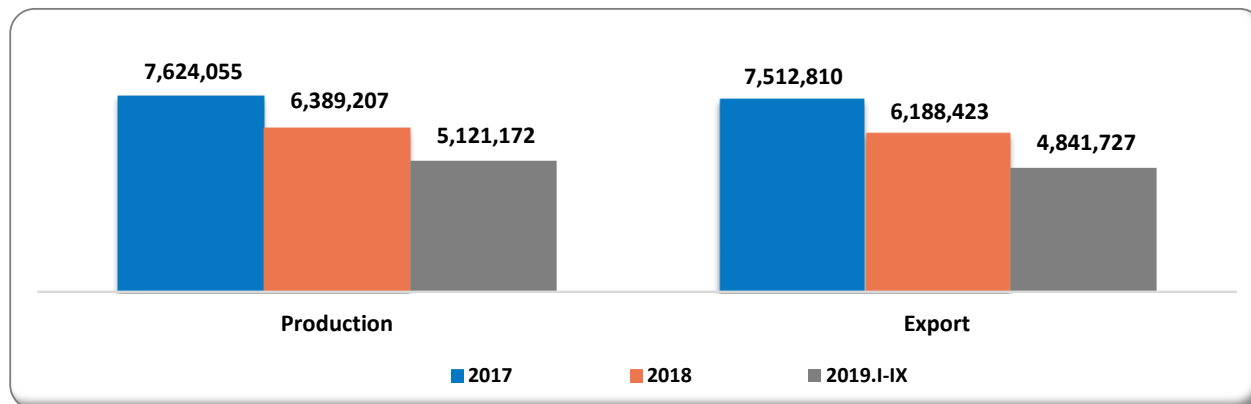
Type of coal	Name	Classification	Border name	Deposit name	TM	Adb	Vdaf	St,db	Qnet,ar	FSI	GI
					Weight, %				Kcal/kg	Index	
Raw coal	Coal	Coking	Gashuun Sukhait	Baruun, zuun tsankhi	3.1	12.1	27.9	0.79	6835	7.5	81.5
				Tavan tolgoi 4th orifice	1.0	18.1	28.5	0.84	6585	7.0	77.2
		Weak coking	Gashuun Sukhait	Tavan tolgoi 8th orifice	6.1	16.7	30.0	1.02	6048	6.0	71.2
				Shivee Khuren	Khuren shand	1.7	6.4	37.0	0.80	7319	5.5
			Zangat Uul		1.1	18.5	41.3	0.62	6552	8.0	93.2
			Chinkhua Mak		3.8	6.7	35.1	0.86	7083	5.0	64.8
			Baruun Noyon		2.2	10.9	29.1	0.53	7350	7.0	90.9
			SGS	3.5	14.4	40.7	1.43	6431	4.5	65.7	
		Non coking	Gashuun Sukhait	ETT erchim huch	5.0	18.4	30.8	0.63	5853	0.0	0.0
				Tavan tolgoi, erchim huch	1.6	35.4	33.7	1.12	5048	2.5	19.9
		Other	Zamiin - Uud	Alag tolgoi	5.8	23.0	26.7	0.70	5085	0.0	0.0
				Dalan shtain	7.3	28.2	20.6	0.86	5350	0.0	0.0
		Washed coal	Coal	Coking	Gashuun Sukhait	Ukhaa khudag	12.9	12.1	21.9	0.70	6884
Yarant	Khushuut				2.4	24.5	19.1	0.52	6059	6.5	63.0
Non coking	Zamiin - Uud			Dalan	2.6	15.5	20.00	1.06	6681	0.0	0.0

Source: Central Laboratory of Mining and Petroleum, MRPAM



# 5 | PETROLEUM

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



## 5.2. PETROLEUM PRODUCTION AND EXPORT, by barrel, month and 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-IX</b>	<b>5,121,172</b>	<b>100%</b>	<b>4,841,727</b>	<b>100%</b>
2019.I	586,738	11.5%	533,836	11.0%
2019.II	515,318	10.1%	477,824	9.9%
2019.III	569,607	11.1%	609,104	12.6%
2019.IV	549,433	10.7%	484,692	10.0%
2019.V	565,179	11.0%	521,782	10.8%
2019.VI	575,582	11.2%	549,608	11.4%
2019.VII	601,678	11.7%	548,597	11.3%
2019.VIII	589,548	11.5%	564,565	11.7%
2019.IX	568,089	11.1%	551,718	11.4%
<b><u>2019.IX</u></b> <b><u>2018.IX</u></b>	<b>110.2%</b>	-	<b>130.3%</b>	-
<b><u>2019.I-IX</u></b> <b><u>2018.I-IX</u></b>	<b>102.2%</b>	-	<b>100.6%</b>	-

Source: Petroleum Exploitation Division, MRPAM

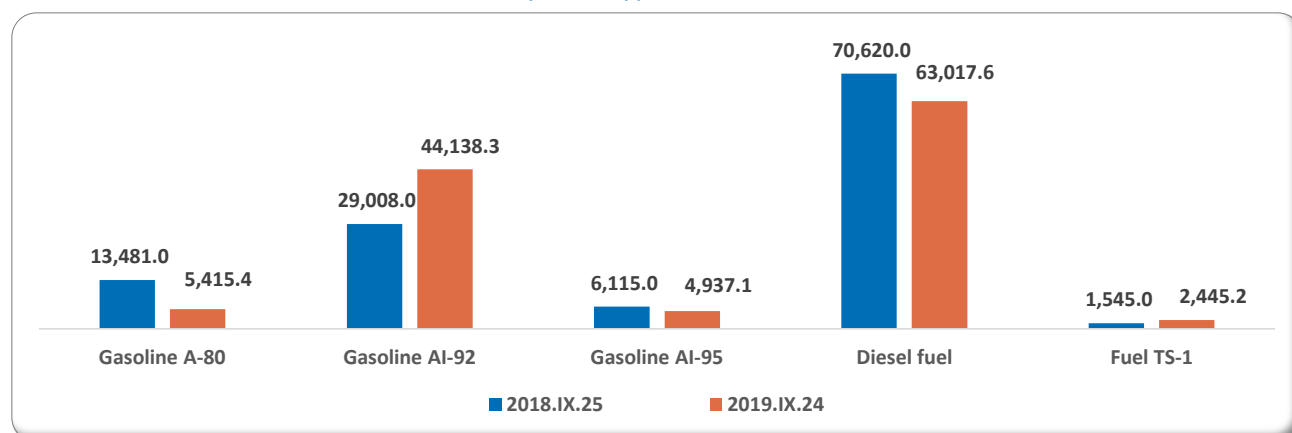
5.3. PETROLEUM PRODUCTS IMPORTING, by tons, type, months and 2018-2019

	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>
<b>2019.I-IX</b>	<b>1,573,102</b>	<b>51,003</b>	<b>382,991</b>	<b>19,225</b>	<b>961</b>	<b>886,450</b>	<b>40,992</b>	<b>34,677</b>	<b>156,804</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
2019.VI	167,007	4,881	30,361	1,238	120	105,218	4,282	3,229	17,679
2019.VII	247,843	6,405	59,705	2,182	4	144,596	4,740	4,858	25,353
2019.VIII	212,320	5,397	49,687	4,476	179	111,121	7,646	2,974	30,839
2019.IX	168,954	4,394	35,728	1,828	112	88,156	2,267	3,842	32,627
<b>2019.IX 2018.IX</b>	<b>104.1%</b>	<b>74.0%</b>	<b>107.0%</b>	<b>49.2%</b>	<b>65.6%</b>	<b>109.7%</b>	<b>39.1%</b>	<b>130.2%</b>	<b>108.7%</b>
<b>2019.I-IX 2018.I-IX</b>	<b>112.0%</b>	<b>95.4%</b>	<b>131.0%</b>	<b>122.9%</b>	<b>85.4%</b>	<b>126.4%</b>	<b>81.9%</b>	<b>125.6%</b>	<b>59.6%</b>

5.4. PETROLEUM PRODUCTS IMPORTING, by tons, type, countries and 2019.IX

	БҮГД	Russia	China	Republic of Korea	Other countries
<b>TOTAL</b>	<b>168,954</b>	<b>161,550</b>	<b>5,280</b>	<b>1,037</b>	<b>1,087</b>
Gasoline A-80	4,394	4,394	-	-	-
Gasoline AI-92	35,728	34,416	1,312	-	-
Gasoline AI-95	1,828	1,828	-	-	-
Gasoline AI-98	112	112	-	-	-
Diesel fuel	88,156	84,308	3,848	-	-
Fuel TS-1	2,267	2,267	-	-	-
Lique- fied gas	3,842	3,543	36	263	-
Other	32,627	30,682	84	774	1,087

5.5. RESIDUE OF PETROLEUM PRODUCTS, by tons, type and 2018.IX.25, 2019.IX.24



Source: Petroleum Products Division, MRPAM

## 5.6. THE WORLD AVERAGE PRICE OF PETROLEUM PRODUCTS ARE SELLING RETAIL SALE, by US\$/tons and 2019

	New York / WTI	London / BRENT	Russia / URAL S32'	China / DAQNG 33'
2019.I.04	374.23	436.28	386.96	335.80
2019.I.11	402.56	459.53	433.51	389.45
2019.I.18	421.67	475.33	437.60	386.69
2019.I.28	406.77	455.20	430.22	384.80
2019.II.04	430.57	477.08	436.65	394.83
2019.II.11	407.63	469.78	437.97	399.20
2019.II.19	437.75	501.85	460.92	436.20
2019.II.25	430.88	491.97	468.74	434.38
2019.III.05	440.01	496.99	463.55	424.50
2019.III.12	444.77	506.94	468.59	427.80
2019.III.19	462.72	513.40	474.29	434.46
2019.III.26	457.18	504.58	473.12	436.35
2019.IV.02	481.76	525.40	486.71	446.16
2019.IV.09	503.37	540.37	462.30	459.90
2019.IV.16	493.54	538.70	503.89	463.32
2019.IV.23	515.39	566.05	522.16	478.22
2019.IV.30	496.66	416.75	511.63	465.28
2019.V.07	487.38	541.81	503.89	452.56
2019.V.14	477.15	534.90	509.29	460.77
2019.V.20	497.44	556.10	514.56	469.28
2019.V.28	461.24	521.60	483.35	442.16
2019.VI.04	412.78	462.72	446.88	394.76
2019.VI.11	418.24	475.56	414.00	406.76
2019.VI.18	404.74	462.72	425.03	392.87
2019.VI.25	450.94	487.41	443.96	417.73
2019.VII.02	458.74	492.65	458.94	432.35
2019.VII.09	448.36	485.28	444.69	416.13
2019.VII.16	464.04	504.66	464.06	429.15
2019.VII.23	438.61	481.03	439.58	411.12
2019.VII.30	446.41	485.59	455.65	405.01
2019.VIII.06	422.84	451.32	459.67	392.07
2019.VIII.13	427.60	444.18	407.06	365.17
2019.VIII.20	438.53	454.74	409.61	373.75
2019.VIII.27	420.74	444.10	412.17	376.30
2019.IX.02	427.92	446.84	424.23	383.93
2019.IX.10	423.23	478.75	416.92	390.84
2019.IX.17	484.02	518.56	403.77	415.63
2019.IX.24	455.85	481.79	444.33	412.50
<b>2019.IX.24</b> <b>2019.VIII.27</b>	<b>108.3%</b>	<b>108.5%</b>	<b>107.8%</b>	<b>109.6%</b>
<b>2019.IX.24</b> <b>2018.IX.28</b>	<b>79.8%</b>	<b>76.2%</b>	<b>76.1%</b>	<b>79.5%</b>

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 MNT/litre, provinces and 2019.VIII.27, 2019.IX.24

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2019.VIII.27	2019.IX.24	<u>2019.IX.24</u> 2019.VIII.27	2019.VIII.27	2019.IX.24	<u>2019.IX.24</u> 2019.VIII.27	2019.VIII.27	2019.IX.24	<u>2019.IX.24</u> 2019.VIII.27	2019.VIII.27	2019.IX.24	<u>2019.IX.24</u> 2019.VIII.27
<b>NATIONAL AVERAGE PRICE</b>	<b>1844</b>	<b>1844</b>	<b>100.0%</b>	<b>1920</b>	<b>1920</b>	<b>100.0%</b>	<b>2260</b>	<b>2260</b>	<b>100.0%</b>	<b>2432</b>	<b>2426</b>	<b>99.8%</b>
<b>Western region</b>	<b>1906</b>	<b>1906</b>	<b>100.0%</b>	<b>1986</b>	<b>1986</b>	100.0%	-	-	-	<b>2424</b>	<b>2402</b>	<b>99.1%</b>
Bayan-Ulgii	1800	1800	100.0%	1880	1880	100.0%	-	-	-	2190	2190	100.0%
Govi-Altai	1820	1820	100.0%	1910	1910	100.0%	-	-	-	2450	2450	100.0%
Zavkhan	2000	2000	100.0%	2070	2070	100.0%	-	-	-	2580	2580	100.0%
Uvs	1900	1900	100.0%	1980	1980	100.0%	-	-	-	2390	2390	100.0%
Hovd	2010	2010	100.0%	2090	2090	100.0%	-	-	-	2510	2400	95.6%
<b>Hangai region</b>	<b>1799</b>	<b>1799</b>	<b>100.0%</b>	<b>1879</b>	<b>1879</b>	<b>100.0%</b>	<b>2242</b>	<b>2242</b>	<b>100.0%</b>	<b>2423</b>	<b>2423</b>	<b>100.0%</b>
Arkhangai	1820	1820	100.0%	1890	1890	100.0%	2250	2250	100.0%	2460	2460	100.0%
Bayankhongor	1860	1860	100.0%	1900	1900	100.0%	-	-	-	2480	2480	100.0%
Bulgan	1750	1750	100.0%	1855	1855	100.0%	2240	2240	100.0%	2380	2380	100.0%
Uvurkhangai	1820	1820	100.0%	1890	1890	100.0%	2250	2250	100.0%	2460	2460	100.0%
Orkhon	1750	1750	100.0%	1840	1840	100.0%	2240	2240	100.0%	2370	2370	100.0%
Selenge	1740	1740	100.0%	1840	1840	100.0%	2240	2240	100.0%	2370	2370	100.0%
Khuvsgul	1850	1850	100.0%	1940	1940	100.0%	2230	2230	100.0%	2440	2440	100.0%
<b>Central region</b>	<b>1793</b>	<b>1794</b>	<b>100.0%</b>	<b>1881</b>	<b>1881</b>	<b>100.0%</b>	<b>2258</b>	<b>2258</b>	<b>100.0%</b>	<b>2407</b>	<b>2407</b>	<b>100.0%</b>
Ulaanbaatar	1743	1750	100.4%	1835	1835	<b>100.0%</b>	2240	2240	100.0%	2367	2367	<b>100.0%</b>
Tuv	1740	1740	100.0%	1780	1780	100.0%	2240	2240	100.0%	2310	2310	100.0%
Darkhan	1750	1750	100.0%	1840	1840	100.0%	2240	2240	100.0%	2370	2370	100.0%
Govisumber	1830	1830	100.0%	1890	1890	100.0%	2280	2280	100.0%	2480	2480	100.0%
Dundgovi	1810	1810	100.0%	1920	1920	100.0%	2250	2250	100.0%	2320	2320	100.0%
Dornogovi	1810	1810	100.0%	1910	1910	100.0%	2270	2270	100.0%	2460	2460	100.0%
Umnugovi	1850	1850	100.0%	1960	1960	100.0%	2270	2270	100.0%	2490	2490	100.0%
Zamin Uud	1810	1810	100.0%	1910	1910	100.0%	2270	2270	100.0%	2460	2460	100.0%
<b>Eastern region</b>	<b>1877</b>	<b>1877</b>	<b>100.0%</b>	<b>1933</b>	<b>1933</b>	<b>100.0%</b>	<b>2280</b>	<b>2280</b>	<b>100.0%</b>	<b>2473</b>	<b>2473</b>	<b>100.0%</b>
Dornod	1880	1880	100.0%	1940	1940	100.0%	2250	2250	100.0%	2470	2470	100.0%
Sukhbaatar	1880	1880	100.0%	1950	1950	100.0%	2320	2320	100.0%	2480	2480	100.0%
Khentii	1870	1870	100.0%	1910	1910	100.0%	2270	2270	100.0%	2470	2470	100.0%

Source: Petroleum Products Division, MRPAM

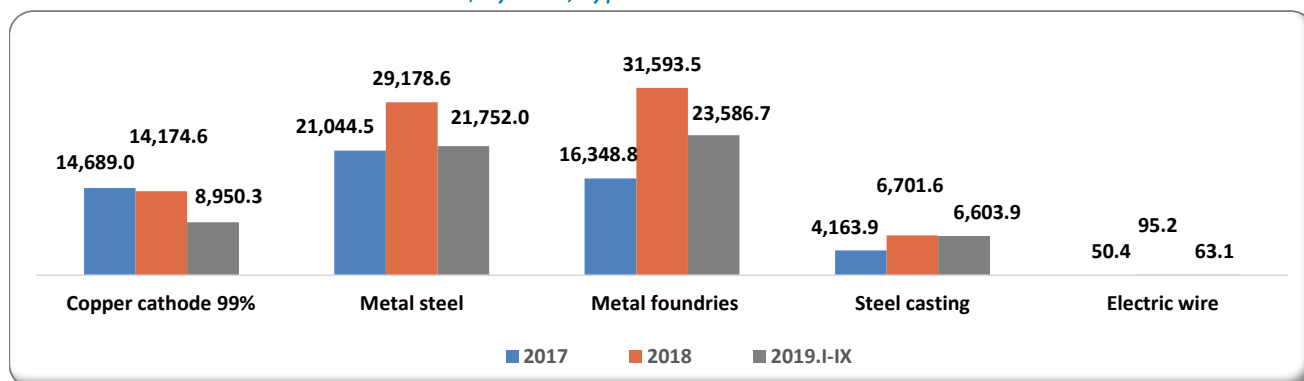
5.8. RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, by MNT/litre, type, and end of month 2017-2019

	Gasoline A-80	Gasoline AI-92	Gasoline AI-95	Diesel fuel
2017.I.25	1538	1658	1817	1750
2017.II.21	1574	1713	1842	1800
2017.III.27	1573	1712	1839	1799
2017.IV.25	1573	1712	1861	1796
2017.V.23	1568	1707	1861	1791
2017.VI.27	1568	1707	1861	1791
2017.VII.18	1568	1705	1861	1790
2017.VIII.29	1559	1698	1861	1790
2017.IX.19	1559	1698	1861	1780
2017.X.31	1557	1695	1862	1776
2017.XI.28	1559	1701	1863	1783
2017.XII.26	1563	1703	1863	1794
2018.I.30	1569	1709	2042	1987
2018.II.27	1644	1792	2073	2097
2018.III.27	1677	1824	2071	2116
2018.V.01	1667	1813	2082	2089
2018.V.29	1669	1813	2129	2087
2018.VI.26	1691	1815	2076	2091
2018.VII.31	1750	1888	2157	2175
2018.VIII.28	1750	1888	2157	2180
2018.IX.25	1783	1917	2163	2215
2018.X.30	1865	2002	2223	2328
2018.XI.27	1931	2068	2342	2443
2018.XII.31	1879	1924	2319	2450
2019.I.29	1768	1823	2206	2353
2019.II.26	1763	1819	2206	2351
2019.III.26	1763	1819	2206	2348
2019.IV.30	1803	1885	2248	2401
2019.V.28	1875	1980	2325	2445
2019.VI.25	1874	1968	2297	2435
2019.VII.30	1845	1921	2262	2433
2019.VIII.27	1844	1920	2260	2432
2019.IX.24	1844	1920	2260	2426
<b>2019.IX.24</b> <b>2019.VIII.27</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>99.8%</b>
<b>2019.IX.24</b> <b>2018.IX.25</b>	<b>103.4%</b>	<b>100.2%</b>	<b>104.5%</b>	<b>109.8%</b>
<b>2019.IX.24</b> <b>2017.IX.19</b>	<b>118.3%</b>	<b>113.1%</b>	<b>121.4%</b>	<b>136.3%</b>

Source: Petroleum Products Division, MRPAM

# 6 | HEAVY INDUSTRY

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



## 6.2. HEAVY INDUSTRIAL PRODUCTION, by tons, type and months 2017-2019

	Copper cathode 99%	Metal steel	Metal foundries	Steel casting	Electric wire
<b>2018</b>	<b>14,174.6</b>	<b>29,178.6</b>	<b>31,593.5</b>	<b>6,701.6</b>	<b>95.2</b>
2018.I	1,262.3	2,728.2	1,389.2	225.7	17.8
2018.II	1,080.2	1,701.6	2,424.3	-	1.3
2018.III	1,239.3	3,577.5	3,946.7	-	4.5
2018.IV	1,186.0	3,613.7	3,033.0	671.5	9.3
2018.V	1,264.2	591.4	2,000.0	1,216.0	9.1
2018.VI	1,149.2	3,031.2	3,784.3	789.2	7.1
2018.VII	1,184.2	1,546.3	1,939.8	350.9	10.7
2018.VIII	1,237.8	1,583.9	1,596.5	992.1	6.7
2018.IX	849.2	2,483.1	2,173.7	820.3	0.0
2018.X	1,255.0	2,435.1	3,839.0	735.9	11.4
2018.XI	1,289.9	2,463.7	3,298.4	481.0	2.3
2018.XII	1,177.3	3,422.9	2,168.6	419.0	15.0
<b>2019.I-IX</b>	<b>8,950.3</b>	<b>21,752.0</b>	<b>23,586.7</b>	<b>6,603.9</b>	<b>63.1</b>
2019.I	1,236.5	3,520.6	3,624.9	386.7	9.2
2019.II	1,020.9	3,675.9	3,932.0	311.6	7.7
2019.III	1,038.7	624.2	-	496.3	9.1
2019.IV	1,031.9	2,035.8	1,704.1	998.1	13.1
2019.V	1,076.5	3,661.9	4,096.0	1,179.9	6.9
2019.VI	884.4	2,540.7	3,072.4	859.1	6.1
2019.VII	986.3	3,191.9	2,242.1	226.8	4.0
2019.VIII	931.4	805.1	1,603.0	1,052.9	-
2019.IX	743.7	1,695.9	3,312.2	1,092.5	7.0
<b>2019.IX</b> <b>2018.IX</b>	<b>87.6%</b>	<b>68.3%</b>	<b>152.4%</b>	<b>133.2%</b>	<b>-</b>
<b>2019.I-IX</b> <b>2018.I-IX</b>	<b>85.6%</b>	<b>104.3%</b>	<b>105.8%</b>	<b>130.4%</b>	<b>94.9%</b>

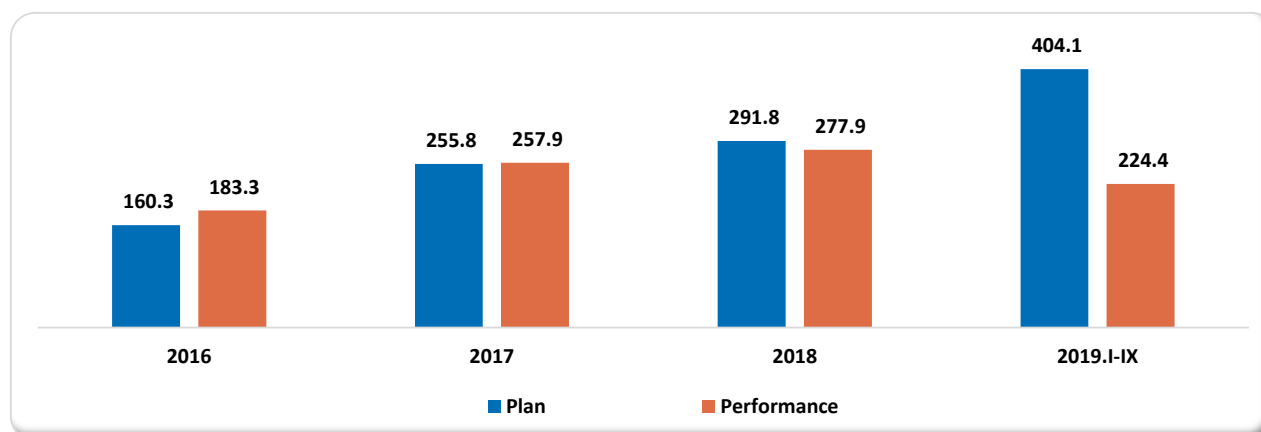
Source: Heavy Industry and Technology Division, MRPAM

# 7 | STATE BUDGET REVENUE

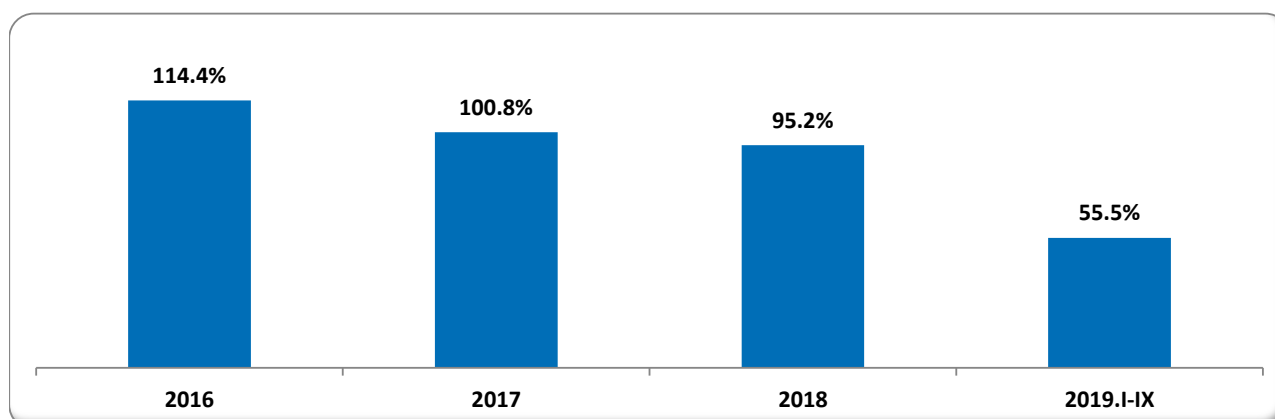
## 7.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, by million.MNT, income type and 2019

	Plan of 2019	2019.I-VIII		2019.I-IX	
		Performance	Performance rate	Performance	Performance rate
<b>TOTAL</b>	<b>404,050.0</b>	<b>197,456.2</b>	<b>48.9%</b>	<b>224,436.2</b>	<b>55.5%</b>
License fee	42,900.0	22,984.8	53.6%	28,699.1	66.9%
Reimbursement	2,300.0	4,002.6	174.0%	4,176.7	181.6%
Petroleum export revenue	335,600.0	155,157.6	46.2%	172,149.6	51.3%
Service revenue /petroleum/	2,717.7	1,798.1	66.2%	2,256.3	83.0%
Service revenue /mineral resources/	9,282.4	1,598.1	17.2%	1,697.9	18.3%
Tender revenue	11,250.0	11,915.0	105.9%	15,456.7	137.4%

## 7.2. BUDGET REVENUE OF MRPAM, by billion MNT and 2016-2019



## 7.3. BUDGET PERFORMANCE RATE OF MRPAM, by 2016-2019



Source: Public Administration and Management Division, MRPAM



*This bulletin is updated monthly and published on the Mineral Resources and Petroleum Authority's website [www.mrpam.gov.mn](http://www.mrpam.gov.mn)*



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