



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



# **MINERAL RESOURCES AND PETROLEUM STATISTICS**

**2020/07**



[www.mrpam.gov.mn](http://www.mrpam.gov.mn)

# CONTENTS

A. KEY INDICATORS.....	3
I. CADASTRE .....	4
II. GEOLOGY.....	13
III. MINING .....	16
IV. COAL .....	21
V. PETROLEUM .....	24
VI. HEAVY INDUSTRY .....	29
VII. STATE BUDGET REVENUE OF MRPAM .....	31

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Valid mining and exploration licenses **2,666** (2020.VII.31)

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Valid licensed area size **6.6** mln.ha (2020.VII.31)

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Percent of total licensed area in Mongolia's territory **4.2%** (2020.VII.31)

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Geological survey conducted at expense of the state budget **24,621.0** mln.MNT (2019)

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Average price of gold on the world market **1,843.3** US\$/ounce (2020.VII)

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Average price of copper on the world market **6,353.8** US\$/tons (2020.VII)

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Average price of thermal coal on the world market **39.9** US\$/tons (2020.VI)

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Average price of coking coal on the world market **131.7** US\$/tons (2020.VI)

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Coal production **16,352.9** ths.tons (2020.I-VII)

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Coal sale **14,134.0** ths.tons (2020.I-VII)

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Coal export **9,415.4** ths.tons (2020.I-VII)

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Petroleum production **1,351,003** barrel (2020.I-VII)

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Petroleum export **1,256,704** barrel (2020.I-VII)

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Petroleum import **1,111,226** tons (2020.I-VII)

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Average price of gasoline A-80 **1,464** MNT (2020.VII.28)

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Average price of gasoline AI-92 **1,506** MNT (2020.VII.28)

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Average price of gasoline AI-95 **2,078** MNT (2020.VII.28)

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Average price of diesel fuel **2,139** MNT (2020.VII.28)

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Copper cathode 99% production **4,676.5** tons (2020.I-VI)

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Metal steel production **11,510.9** tons (2020.I-VI)

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Metal foundries production **10,772.2** tons (2020.I-VI)

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Steel casting production **1,549.5** tons (2020.I-V)

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Electric wire production **38.1** tons (2020.I-V)

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Copper cathode export **3,602.0** tons (2020.I-V)

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Budget revenue of MRPAM **57,111.9** mln.MNT (2020.I-VI)

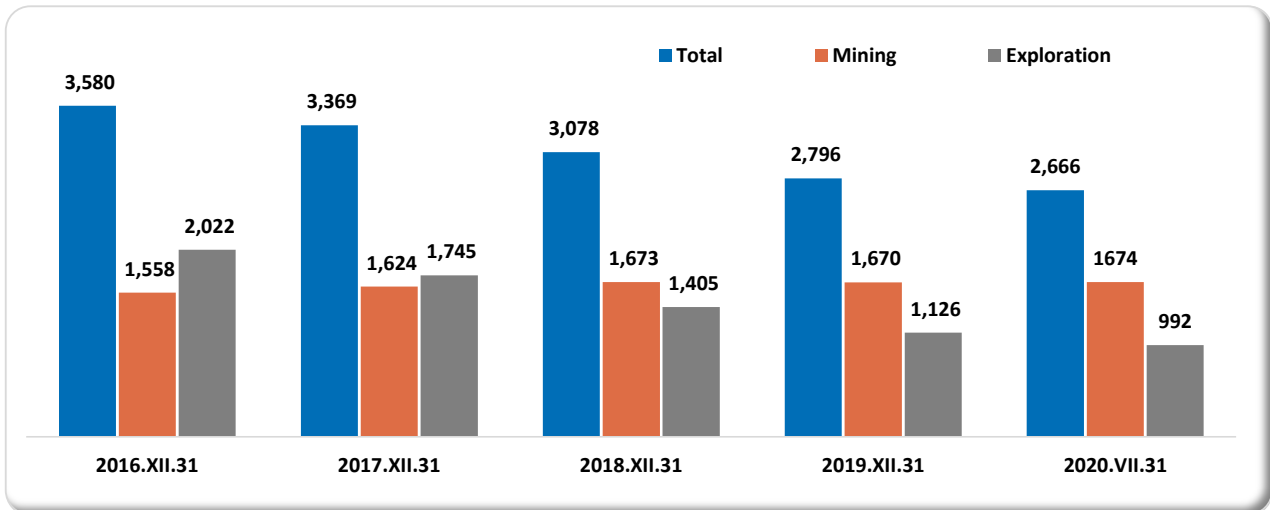
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## 1.1. COUNT OF VALID LICENSES AND AREA SIZE, by provinces and 2020.VII.31

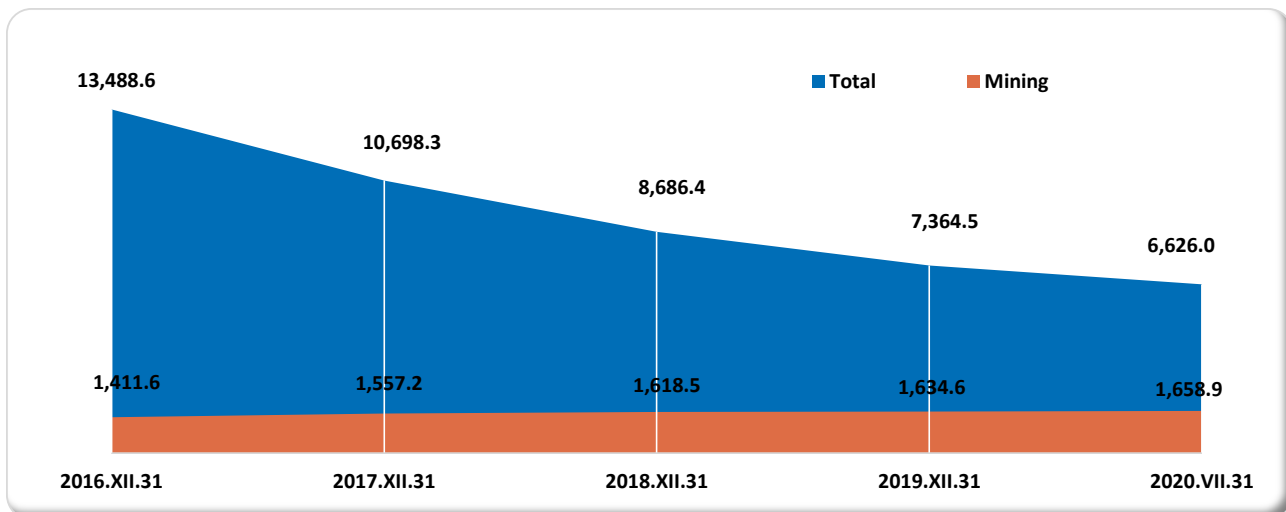
	TOTAL			Of which:					
	Count of Licenses	Area size /ths.ha/	Percent of total territory	Mining			Exploration		
				Count of Licenses	Area size /ths.ha/	Percent of total territory	Count of Licenses	Area size /ths.ha/	Percent of total territory
<b>TOTAL</b>	<b>2,666</b>	<b>6,626.0</b>	<b>4.2%</b>	<b>1,674</b>	<b>1,658.9</b>	<b>1.1%</b>	<b>992</b>	<b>4,967.1</b>	<b>3.1%</b>
Arkhangai	17	7.7	0.1%	15	6.2	0.1%	2	1.5	0.0%
Bayan-Ulgii	55	159.7	3.5%	28	15.2	0.3%	27	144.6	3.2%
Bayankhongor	136	333.7	2.9%	86	119.6	1.0%	50	214.1	1.9%
Bulgan	102	119.3	2.5%	74	38.6	0.8%	28	80.7	1.7%
Govi-Altai	139	604.3	4.3%	54	89.5	0.6%	85	514.7	3.6%
Govisumber	16	44.6	8.1%	13	38.9	7.0%	3	5.8	1.0%
Darkhan Uul	67	12.7	3.9%	61	7.6	2.3%	6	5.1	1.6%
Dornogovi	337	1,214.3	11.1%	189	238.0	2.2%	148	976.3	8.9%
Dornod	152	499.8	4.0%	73	63.7	0.5%	79	436.1	3.5%
Dundgovi	195	631.5	8.5%	108	170.6	2.3%	87	460.9	6.2%
Zavhan	49	243.1	2.9%	9	14.1	0.2%	40	229.0	2.8%
Orkhon	9	11.1	13.2%	9	11.1	13.2%	0	0.0	0.0%
Uvurkhangai	46	117.5	1.9%	28	15.7	0.2%	18	101.8	1.6%
Umnugovi	165	1,025.3	6.2%	95	451.0	2.7%	70	574.3	3.5%
Sukhbaatar	94	289.1	3.5%	69	64.4	0.8%	25	224.7	2.7%
Selenge	178	93.4	2.3%	143	44.1	1.1%	35	49.2	1.2%
Tuv	385	325.1	4.4%	300	156.7	2.1%	85	168.4	2.3%
Uvs	112	296.0	4.3%	43	19.9	0.3%	69	276.1	4.0%
Ulaanbaatar	163	14.3	3.0%	153	13.2	2.8%	10	1.2	0.2%
Khuvsgul	26	17.0	0.2%	21	10.3	0.1%	5	6.7	0.1%
Khovd	98	243.0	3.2%	36	16.0	0.2%	62	227.0	3.0%
Khentii	210	323.6	4.0%	123	54.7	0.7%	87	268.9	3.3%

Source: Cadastre Division, MRPAM

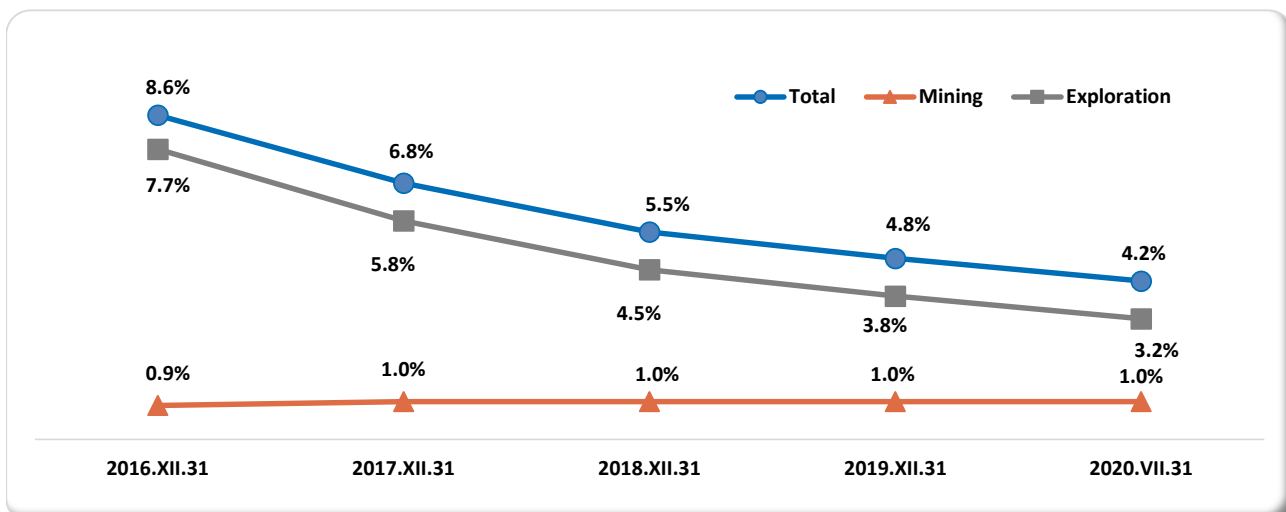
1.2. COUNT OF TOTAL VALID LICENSES, by 2016-2020



1.3. LICENSED AREA, by thousands.ha and 2016-2020



1.4. PERCENT OF TOTAL LICENSED AREA IN MONGOLIA'S TERRITORY, by 2016-2020



Source: Cadastre Division, MRPAM

1.5.COUNT OF MINING LICENSE, *by type of minerals and 2020.VII.31*

	Mining license		Area size	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>1674</b>	<b>100%</b>	<b>1,658,928.4</b>	<b>99%</b>
Gold (placer)	433	25.9%	151,212.1	9.1%
Coal	300	17.9%	785,077.9	47.3%
Fluorite	193	11.5%	32,652.1	2.0%
Gold (placer)	92	5.5%	89,567.9	5.4%
limestone	76	4.5%	45,320.1	2.7%
Iron	74	4.4%	47,451.7	2.9%
Common mineral, sand, gravel	70	4.2%	3,684.6	0.2%
Common mineral, mud	46	2.7%	2,632.4	0.2%
Common mineral, gravel	34	2.0%	9,240.3	0.6%
Tungsten	29	1.7%	9,062.1	0.5%
Common mineral, sand	24	1.4%	1,333.4	0.1%
Concentrated metal	23	1.4%	26,976.6	1.6%
Gypsum	23	1.4%	7,975.6	0.5%
Copper	18	1.1%	84,900.5	5.1%
Gold (placer), copper	14	0.8%	86,764.3	5.2%
Tin	12	0.7%	5,844.4	0.4%
Earth rare metal	9	0.5%	7,435.4	0.4%
Copper, molybdenum	8	0.5%	14,328.3	0.9%
Common mineral, sand stone	8	0.5%	1,553.5	0.1%
Uranium	7	0.4%	76,866.1	4.6%
Molybdenum	7	0.4%	8,922.5	0.5%
Marble	7	0.4%	2,020.0	0.1%
Graphite	6	0.4%	14,867.5	0.9%
Molybdenum, tungsten	5	0.3%	5,047.1	0.3%
Aggregate stone	5	0.3%	1,698.9	0.1%
Iron, zinc	5	0.3%	1,126.4	0.1%
Manganese	4	0.2%	7,507.0	0.5%
Gold, Copper	4	0.2%	5,367.5	0.3%
Wolfram, Tin	4	0.2%	2,833.9	0.2%
Мөсөн шүү	4	0.2%	1,449.0	0.1%
Silver	4	0.2%	1,050.4	0.1%
Gold (placer), silver	3	0.2%	9,587.7	0.6%
Aluminium	3	0.2%	1,370.9	0.1%
Other	120	7.0%	106,200.5	5.9%

Source: Cadastre Division, MRPAM

## 1.6. REGISTERED AREA, by mln.ha, overlap and 2020.VII.31

	Hectare	Percent of total territory
Valid mining licensed area	1.7	1.1%
Valid exploration licensed area	5.0	3.2%
State protected area	33.7	21.5%
Special purpose area	33.6	21.5%
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, by provinces and 2020.VII.31

	Count of area		Area size	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>262</b>	<b>100%</b>	<b>1,063.7</b>	<b>100%</b>
Arkhangai	1	0.4%	4.8	0.4%
Bayan-Ulgii	2	0.8%	53.7	5.1%
Bayankhongor	57	21.8%	152.3	14.3%
Bulgan	29	11.1%	126.4	11.9%
Govi-Altai	1	0.4%	5.7	0.5%
Darkhan Uul	6	2.3%	16.6	1.6%
Dornogovi	2	0.8%	9.6	0.9%
Dornod	2	0.8%	26.3	2.5%
Dundgovi	13	5.0%	104.5	9.8%
Uvurkhangai	20	7.6%	39.7	3.7%
Umnugovi	20	7.6%	86.3	8.1%
Selenge	52	19.8%	220.1	20.7%
Tuv	12	4.6%	78.3	7.4%
Ulaanbaatar	5	1.9%	19.0	1.8%
Khovd	4	1.5%	11.3	1.1%
Khentii	36	13.7%	109.4	10.3%

Source: Cadastre Division, MRPAM

## 1.8. ORIGIN OF LICENSE HOLDERS, by 2020.VII.31

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>1719</b>	<b>2666</b>	<b>6,626,047.6</b>	<b>100%</b>
Mongolian entities	1370	2112	4,889,568.5	73.8%
100% foreign entities	251	408	1,384,991.1	20.9%
Joint foreign entities	98	146	351,488.0	5.3%

## 1.9. ORIGIN OF 100% FOREIGN LICENSE HOLDERS, by countries and 2020.VII.31

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>251</b>	<b>408</b>	<b>1,384,991.1</b>	<b>100%</b>
China	132	167	360,062.9	26.00%
Virgin Islands	31	60	152,492.0	11.01%
Singapore	16	57	326,395.4	23.57%
Hong Kong	15	27	67,755.4	4.89%
Canada	12	23	239,176.4	17.27%
South Korea	11	15	15,990.2	1.15%
Australia	5	5	26,641.3	1.92%
Russia	4	5	2,490.4	0.18%
Great Britain	3	4	6,038.7	0.44%
Holland	3	15	106,872.3	7.72%
Luxemburg	2	6	13,528.2	0.98%
Germany	2	2	603.9	0.04%
Japan	2	3	3,015.1	0.22%
Bermud	2	3	7,314.3	0.53%
United States of America	2	4	2,442.3	0.18%
Russia, South Korea	1	1	118.2	0.01%
Russia, China	1	1	47.5	0.00%
Ukraine	1	1	245.0	0.02%
Bulgaria	1	1	3,700.9	0.27%
Barbados	1	3	9,183.0	0.66%
Malaysia	1	2	2,416.5	0.17%
Luxemburg, Seychelles	1	1	36,391.0	2.63%
Kazakhstan	1	1	136.5	0.01%
Virgin Islands, Singapore	1	1	1,934.0	0.14%

Source: Cadastre Division, MRPAM



1.10. ORIGIN OF JOINT FOREIGN LICENSE HOLDERS, *by countries and 2020.VII.31*

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>98</b>	<b>146</b>	<b>351,488.0</b>	<b>100%</b>
Mongolia, China	46	64	92,176.2	26.2%
Mongolia, South Korea	10	17	39,835.3	11.3%
Mongolia, Russia	8	10	1,347.8	0.4%
Mongolia, Virgin Islands	6	10	35,233.8	10.0%
Mongolia, Singapore	4	7	30,219.9	8.6%
Mongolia, Japan	4	7	13,386.0	3.8%
Mongolia, Germany	3	4	5,911.9	1.7%
Mongolia, Czech Republic	3	6	52,377.8	14.9%
Mongolia, Great Britain	2	2	5,135.2	1.5%
Mongolia, Hong Kong	1	1	87.4	0.0%
Mongolia, Hungary	1	1	1,789.4	0.5%
Mongolia, Kazakhstan	1	1	3,766.7	1.1%
Mongolia, United States of America, Virgin Islands, South Korea	1	3	1,083.7	0.3%
Mongolia, Bulgaria	1	1	3,957.7	1.1%
Mongolia, Canada	1	1	6,352.8	1.8%
Mongolia, Canada, China	1	1	3,273.9	0.9%
Mongolia, Luxemburg	1	1	46.9	0.0%
Mongolia, Russia, Ukraine	1	1	1,561.3	0.4%
Mongolia, Poland	1	3	43,809.3	12.5%
Mongolia, Hong Kong, Japan	1	1	1,469.5	0.4%
Mongolia, Singapore, Hong Kong	1	4	8,665.5	2.5%

Source: Cadastre Division, MRPAM

## 1.11. PLEDGING LICENSES, by bank and non-bank financial institute and 2020.VII.31

	License		Area	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>212</b>	<b>100%</b>	<b>161,846.2</b>	<b>100%</b>
Trade and Development Bank	33	15.6%	18,039.3	11.1%
Golomt Bank	26	12.3%	25,334.9	15.7%
Development Bank of Mongolia	26	12.3%	19,706.5	12.2%
HAAN Bank	13	6.1%	2,903.9	1.8%
Ulaanbaatar City Bank	10	4.7%	8,689.8	5.4%
XAC Bank	8	3.8%	2,438.4	1.5%
Chinggis Khan Bank	8	3.8%	3,441.6	2.1%
Capital Bank	8	3.8%	1,068.8	0.7%
European Bank for Reconstruction and Development	7	3.3%	2,658.5	1.6%
Anod Bank	6	2.8%	7,145.9	4.4%
Capitronbank	6	2.8%	1,556.8	1.0%
Golomt, Saving, Zoos, Anod Banks	6	2.8%	3,277.7	2.0%
State Bank	4	1.9%	570.6	0.4%
Credit bank	4	1.9%	284.8	0.2%
Transport Development bank	4	1.9%	1,789.4	1.1%
Bank of China	4	1.9%	978.2	0.6%
Bogd bank	3	1.4%	154.0	0.1%
Export-Import Bank of China	3	1.4%	1,092.0	0.7%
Triple flag mining finance Bermuda Ltd	3	1.4%	13,017.0	8.0%
GSB capital NBFi	2	0.9%	9,271.1	5.7%
World Gold	2	0.9%	2,194.9	1.4%
National Investment Bank	2	0.9%	1,052.0	0.7%
Erel bank	2	0.9%	150.3	0.1%
First lithium Corporation	2	0.9%	17,131.1	10.6%
Khutult nomgon	2	0.9%	253.4	0.2%
Other	18	8.5%	17,645.3	10.9%

Source: Cadastre Division, MRPAM

## 1.12. LIST OF LICENSE HOLDERS WITH 10 AND ABOVE LICENSES, by 2020.VII.31

No	Name of entity	Count of license	Area size /ha/	Company type	Nationality
1	Mongolroscvetmet	26	15,086.0	mongolian legal entity	Mongolia
2	Mongolyn alt Mak	22	60,037.6	mongolian legal entity	Mongolia
3	Gatsuurt	16	8,933.2	mongolian legal entity	Mongolia
4	Tsaina investment mongolia	15	207,645.0	Entity with 100% foreign investment	Singapore
5	Gobi Coal and Energy	12	7,139.8	mongolian legal entity	Mongolia
6	Khunnu gobi altai	12	2,206.7	mongolian legal entity	Mongolia
7	Platinum land	11	3,621.3	mongolian legal entity	Mongolia
8	MoEnCo	10	12,807.4	Entity with 100% foreign investment	Singapore
9	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 2020.VII.31

No	Name of entity	Count of license	Area size /ha/	Company type	Nationality
1	Tsaina investment mongolia	15	207,645.0	100% foreign invested entity	Singapore
2	Mongol uranium resource	3	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 2016-2020

	2016	2017	2018	2019	2020.I-VII
<b>TOTAL</b>	<b>613</b>	<b>813</b>	<b>1187</b>	<b>698</b>	<b>204</b>
<b>New license</b>	<b>131</b>	<b>288</b>	<b>226</b>	<b>218</b>	<b>49</b>
Mining	103	65	78	73	49
Exploration	0	0	0	0	0
Tender	28	223	148	145	0
<b>Extension of exploration license</b>	<b>173</b>	<b>231</b>	<b>657</b>	<b>273</b>	<b>41</b>
<b>Transfer</b>	<b>139</b>	<b>153</b>	<b>157</b>	<b>72</b>	<b>56</b>
Mining	49	78	25	24	24
Exploration	90	75	132	48	32
<b>Pledge</b>	<b>33</b>	<b>37</b>	<b>61</b>	<b>25</b>	<b>14</b>
Mining	30	32	58	24	14
Exploration	3	5	3	1	0
<b>Surrender</b>	<b>137</b>	<b>104</b>	<b>86</b>	<b>110</b>	<b>44</b>
Mining	26	14	12	12	12
Exploration	111	90	74	98	32

## 1.15. CHANGES IN LICENSE REGISTRATION, by license type and 2016-2020

	2016	2017	2018	2019	2020.I-VII
<b>New license</b>	<b>750</b>	<b>151</b>	<b>85</b>	<b>130</b>	<b>36</b>
Mining	93	77	61	59	36
Exploration	629	41	5	0	0
Tender	28	33	19	71	0
<b>Surrendered</b>	<b>166</b>	<b>97</b>	<b>91</b>	<b>93</b>	<b>51</b>
Mining	25	13	11	11	11
Exploration	141	84	80	82	40
<b>Canceled</b>	<b>241</b>	<b>237</b>	<b>181</b>	<b>189</b>	<b>97</b>
Mining	37	35	33	70	31
Exploration	204	202	148	119	66
<b>Expired</b>	<b>124</b>	<b>176</b>	<b>209</b>	<b>199</b>	<b>72</b>
<b>Transferred</b>	<b>146</b>	<b>136</b>	<b>172</b>	<b>71</b>	<b>55</b>
Mining	50	62	38	24	23
Exploration	96	74	134	47	32
<b>Extended</b>	<b>167</b>	<b>162</b>	<b>566</b>	<b>300</b>	<b>34</b>
<b>Pledged</b>	<b>29</b>	<b>39</b>	<b>56</b>	<b>24</b>	<b>24</b>
Mining	27	34	53	23	14
Exploration	2	5	3	0	0
<b>Terminated pledges</b>	<b>16</b>	<b>39</b>	<b>27</b>	<b>31</b>	<b>13</b>
Mining	12	38	26	30	13
Exploration	4	1	1	1	0
<b>Re-issue of license documents</b>	<b>35</b>	<b>26</b>	<b>40</b>	<b>27</b>	<b>12</b>
Mining	15	19	13	14	7
Exploration	20	7	27	13	5

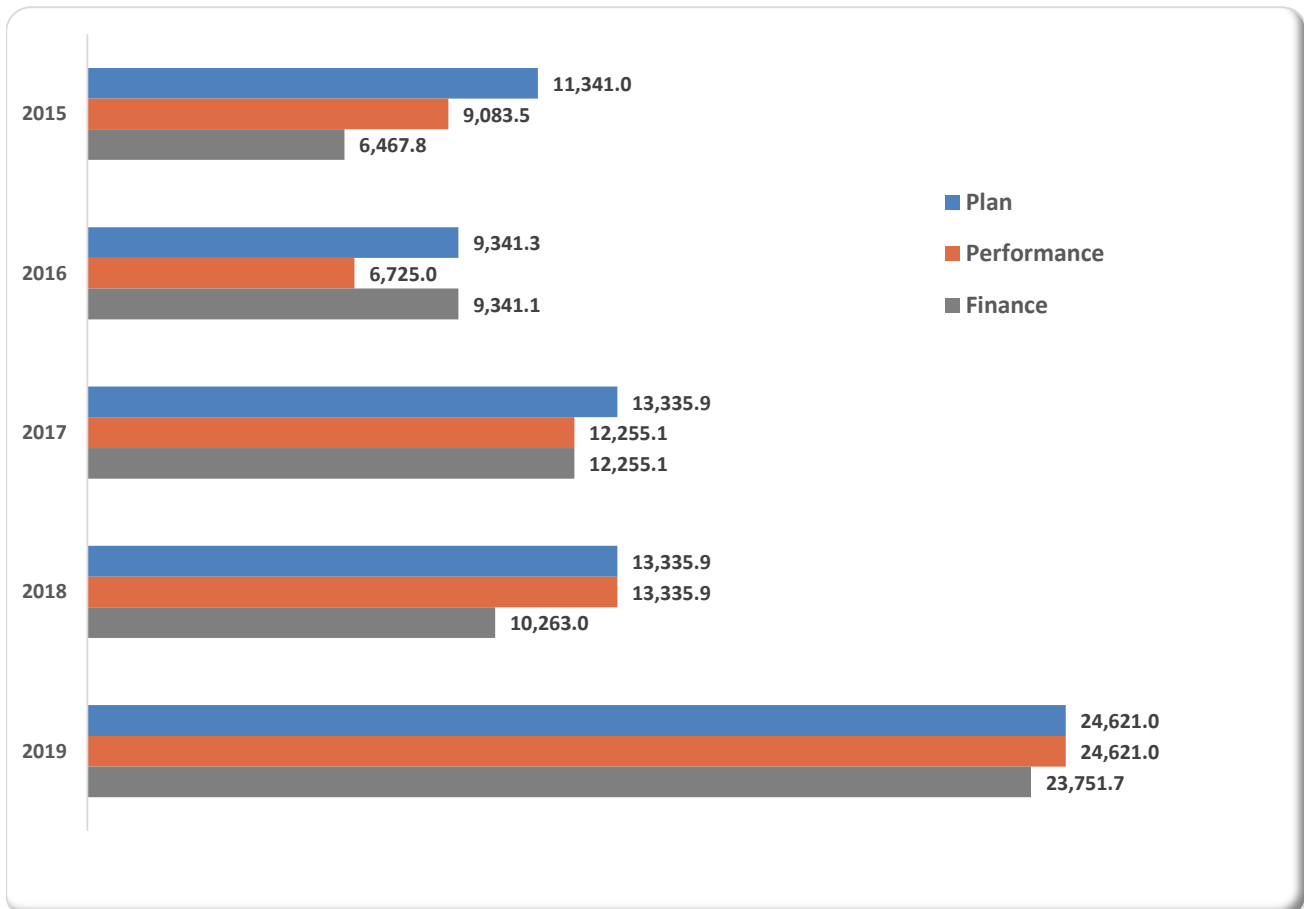
Source: Cadastre Division, MRPAM

## 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	
	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>24,621.0</b>	<b>100%</b>
1:200000 scale geological map	482.3	3.9%	408.5	3.1%	753.0	3.1%
1:50000 scale geological map, general survey	5,355.9	43.7%	4,692.7	35.2%	8,115.1	33.0%
Thematic work	6,274.6	51.2%	8,144.1	61.1%	15,471.6	62.8%
Collaborative projects	142.4	1.2%	90.0	0.7%	281.3	1.1%

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



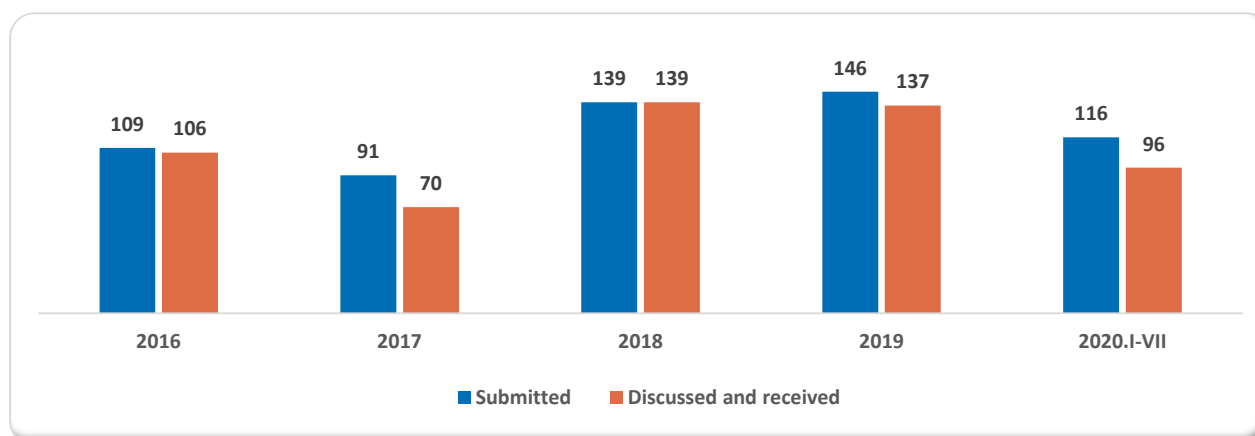
Source: Geology and Exploration Division, MRPAM

2.3. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, by million MNT, type work and 2018-2019 (2020.IV.25)

	2018		2019	
	Mln.MNT	Percent	Mln.MNT	Percent
<b>TOTAL</b>	<b>153,292.9</b>	<b>100%</b>	<b>87.2</b>	<b>100%</b>
Preparation	3,447.8	2.2%	2.6	2.9%
Mapping	3,444.1	2.2%	1.0	1.1%
Geological survey	2,746.3	1.8%	1.3	1.5%
Sampling	1,674.9	1.1%	0.8	1.0%
Geophysical work	10,461.7	6.8%	4.1	4.7%
Mining	15,257.0	10.0%	4.7	5.3%
Drilling	75,064.2	49.0%	49.4	56.6%
Indoor, laboratory investigation	11,786.9	7.7%	1.5	1.7%
Laboratory	12,601.0	8.2%	9.1	10.4%
Transport	3,761.3	2.5%	0.0	0.0%
Topogeodetic work	1,621.3	1.1%	2.8	3.2%
Hydrogeological work	1,442.8	0.9%	0.8	0.9%
Geoecological survey	823.2	0.5%	2.8	3.3%
Archeology	6,638.4	4.3%	0.5	0.6%
Environment reclamation	378.4	0.2%	0.3	0.3%
Field sampling	1,118.2	0.7%	0.3	0.4%
Assume expenses	173.2	0.1%	5.0	5.8%
Other	852.3	0.6%	0.2	0.2%

Эх сурвалж: Геологи, хайгуулын хэлтэс, АМГТГ

2.4. RECEIVED EXPLORATION REPORT, by 2016-2020



2.5. MINERAL RESOURCE RESERVES REGISTERED IN THE STATE'S INTEGRATED REGISTRATION, 2020.I-VII

	Deposit	Resource		
		Unit	Ore	Metal
Gold (rock)	6	МЯН.ТН/КГ	90,629.1	78,423.3
Silver		ТН		270.4
Blue lead		МЯН.ТН		40.7
Zinc		МЯН.ТН		65.9
Copper		МЯН.ТН		30.4
Gold (placer)	16	КГ	2,585.5	2,320.5
Copper	1	МЯН.ТН/ТН	3,850.5	22,742.6
Iron	3	МЯН.ТН	20,925.6	
Iron		МЯН.ТН		10,053.0
Tungsten	1	ТН	129,649.0	2,199.0
Fluorspar	10	МЯН.ТН	3,815.2	1,593.3
Uranium	1	МЯН.ТН	398,941.5	93.3
Coal	3	СЯЯ.ТН		266.1
Limestone	1	СЯЯ.ТН		154.5
Aggregate stone	7	МЯН.ТН		102,776.4
Polishing stone	2	МЯН.М3		3,188.3
Graphite	2	МЯН.ТН	124,080.3	6,234.4
Mud	2	МЯН.М3		2,550.4
Sand gravel	4	МЯН.М3		2,628.9
Sand	4	МЯН.М3		1,574.9

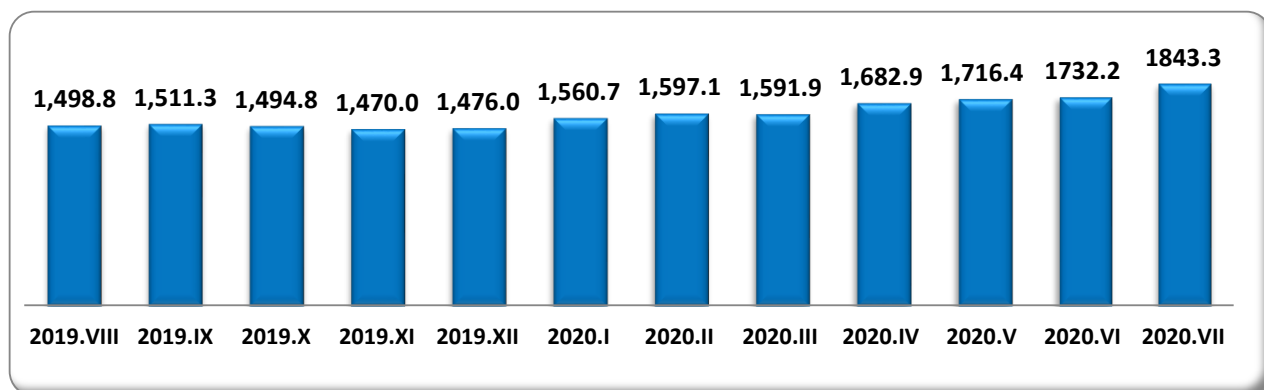
Source: Geology and Exploration Division, MRPAM

# 3 | MINING

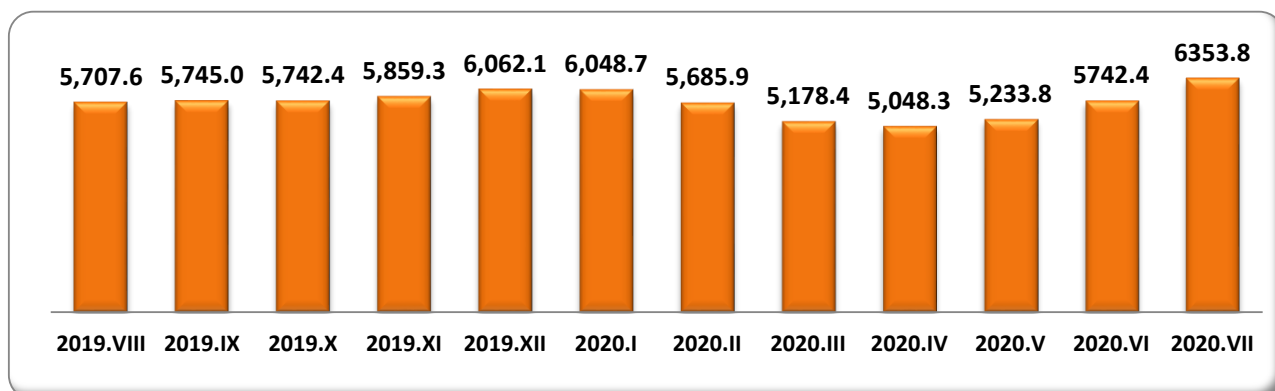
## 3.1. AVERAGE OF COMMODITY PRICES ON THE WORLD MARKET, by 2019-2020

	Хэмжих нэгж	2019	2019.VII	2020.VI	2020.VII	$\frac{2020.VII}{2019.VII}$	$\frac{2020.VII}{2020.VI}$
Gold	\$/ounce	1,392.2	1,413.0	1,732.2	1,843.3	130.5%	106.4%
Silver	\$/ounce	16.2	15.7	17.8	20.4	129.6%	114.3%
Copper	\$/tons	6,004.6	5,939.2	5,742.4	6,353.8	107.0%	110.6%
Zinc	\$/tons	2,548.6	2,441.0	2,020.6	2,162.2	88.6%	107.0%
Blue lead	\$/tons	1,993.7	1,973.5	1,739.9	1,812.2	91.8%	104.2%
Tin	\$/tons	18,660.5	17,981.2	16,806.3	17,453.0	97.1%	103.8%
Molybdenum	\$/tons	23,755.9	23,553.9	17,690.1	15,860.8	67.3%	89.7%
Manganese 36%	\$/tons	233.4	246.6	237.2	193.0	78.3%	81.4%
Tungsten, 99%	\$/tons	33,953.3	30,160.0	30,190.0	29,500.0	97.8%	97.7%
Tungsten, 65%	\$/tons	12,787.3	10,841.5	11,414.9	11,513.9	106.2%	100.9%
Iron ore 56%	\$/tons	67.2	93.0	81.3	83.5	89.8%	102.7%
Iron ore 60% concentrate	\$/tons	82.7	107.1	92.2	94.6	88.3%	102.6%
Fluorite concentrate AG-97	\$/tons	448.3	425.0	365.0	365.0	85.9%	100.0%
Fluorite ore MG-85	\$/tons	320.2	300.0	300.0	300.0	100.0%	100.0%
Uranium	\$/kg	56.5	56.0	72.3	71.5	127.9%	98.9%

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



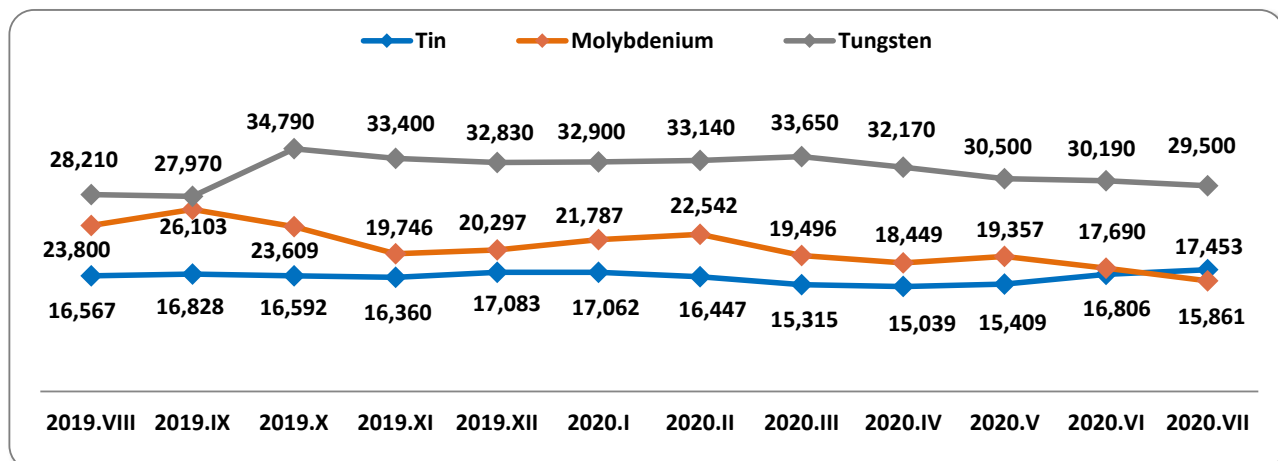
## 3.3. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, by US\$/tons and last 12 months



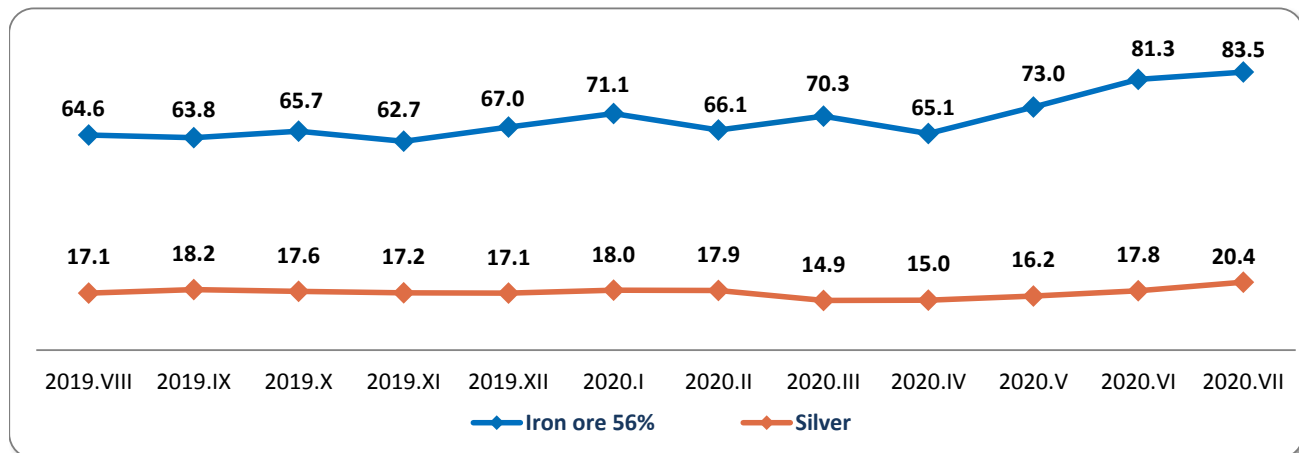
Source: [www.kitco.com](http://www.kitco.com), [www.westmetall.com](http://www.westmetall.com), [www.lme.com](http://www.lme.com), [www.asianmetal.com](http://www.asianmetal.com), [www.lndmin.com](http://www.lndmin.com), [www.umetal.com](http://www.umetal.com) [www.sxcoal.com](http://www.sxcoal.com)



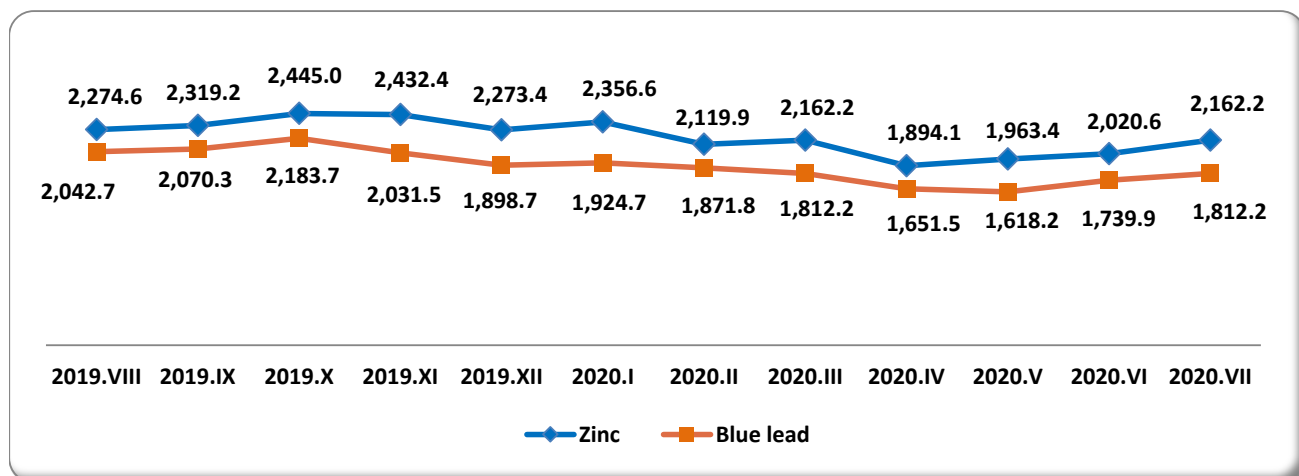
3.4. AVERAGE PRICE OF TIN, MOLYBDENIUM AND TUNGSTEN ON THE WORLD MARKET, by US\$/tons and last 12 months



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 2019-2020

	Stock exchange	Symbol	Currency	Average price						Зах зээлийн үнэлгээ /2020.VIII.05/
				2019	2019.VII	2020.VI	2020.VII	2020.VII 2019.VII	2020.VII 2020.VI	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	1.036	0.849	0.721	0.841	99.1%	116.6%	1.69B
Peabody Energy Corporation	NYQ	BTU	USD	22.07	22.934	3.45	2.965	12.9%	85.9%	307.76M
Rio Tinto plc	LSE	RIO.L	GBp	4,342.7	4,798.1	4,523.1	4,501.2	93.8%	99.5%	79.74B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	0.121	0.129	0.589	1.404	1088%	238.4%	253.97M
Mongolian Mining Corporation	HKG	0975.HK	HKD	0.412	0.102	0.36	0.494	484.3%	137.2%	488.86M
South Gobi Resources Ltd.	HKG	1878.HK	HKD	0.949	1.019	0.504	0.488	47.9%	96.8%	136.40M
Centerra Gold Inc.	TOR	CG.TO	CAD	9.131	10.196	13.8	15.804	155.0%	114.5%	5.35B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.207	0.205	0.312	0.519	253.2%	166.3%	126.58M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.407	0.37	0.386	0.433	117.0%	112.2%	74.58M
Silver Elephant Mining Corp.	TOR	PCY.TO	CAD	-	-	0.265	0.374	-	-	67.06M
Steppe Gold Ltd	TOR	STGO.TO	CAD	0.849	0.85	1.589	2.628	309.2%	165.4%	150.28M
Kincora Copper Limited	VAN	KCC.V	CAD	0.097	0.128	0.143	0.157	122.7%	109.8%	16.55M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.01	-	-	-	-	-	-
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.071	0.051	0.042	0.052	102.0%	123.8%	42.06M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.028	0.016	0.08	0.084	525.0%	105.0%	44.67M
Haranga Resources Limited	ASX	HAR.AX	AUD	-	-	-	-	-	-	-
Tian Poh Resources Limited	ASX	TPO.AX	AUD	0.09	-	-	-	-	-	19.33M
TerraCom Limited	ASX	TER.AX	AUD	0.512	-	0.166	0.155	-	93.4%	114.68M
Viking Mines Limited	ASX	VKA.AX	AUD	0.011	-	0.008	0.01	-	125.0%	3.14M
Banpu Public Company Limited	SET	BANPU.BK	THB	13.987	14.605	6.426	6.028	-	93.8%	28.91B
Petro Matad Limited	LSE	MATD.L	GBp	5.301	7.861	3.471	2.765	35.2%	79.7%	17.28M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	-	-	-	-	-	-	-

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 2019-2020

	Symbol	Average price					
		2019	2019.VII	2020.VI	2020.VII	<u>2020.VII</u> 2019.VII	<u>2020.VII</u> 2020.VI
Tavantolgoi	TTL	6,772	7,210	5,551	5,509	76.4%	99.2%
Baganuur	BAN	1,146	1,000	929	891	89.1%	95.9%
Shivee-Ovoo	SHV	2,175	2,255	1,739	1,980	87.8%	113.9%
Aduunchuluun	ADL	1,615	1,596	960	950	59.5%	99.0%
Shariin Gol	SHG	1,542	1,584	1,104	1,394	88.0%	126.3%
Erdene Resource Development Corporation	ERDN	502	481	582	761	158.2%	130.8%
Mogoin gol	BDL	7,766	7,795	-	-	-	-
Bayanteeg	BTG	21,841	20,640	-	21,260	103.0%	-
Berkh-Uul	BEU	574	500	-	600	120.0%	-
Khar Tarvagatai	TVT	7,080	-	4,450	-	-	-
Taliin Gal	TAL	-	-	-	-	-	-
Mongol Basalt	MBW	277	327	211	201	61.5%	95.3%
Mongol Ceramic	KEK	18,587	-	-	-	-	-
Silikat	SIL	76	-	36	-	-	-
Songolon barmat	SSG	-	-	1,086	-	-	-
Remicon	RMC	28	29	29	29	100.0%	100.0%
Arig Tal	EER	3,420	3,300	2,728	2,798	84.8%	102.6%
Niislel-Urguu	NUR	5,377	4,000	-	-	-	-
Erchim Bayan-Ulgii	BOE	749	-	-	-	-	-
Khukh Gan	HGN	75	82	-	83	101.2%	-
Nako Tulsh	NKT	82	65	30	-	-	-

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

## 3.9. REHABILITATION WORK BY MINING LICENSE HOLDERS, 2018-2019 (2020.V.01)

	Unit	2018	2019
Area covered by mining	ha	1,059.3	467.3
Rehabilitated area	ha	924.2	2,470.2
Expenses for rehabilitation	mln.MNT	3,891.2	11,241.0
Area covered by technical rehabilitation	ha	753.0	542.7
Area covered by biological rehabilitation	ha	697.5	371.4
Environmental expenses	mln.MNT	7,008.3	1,449.9
Area of abusive protection rehabilitation	ha	179.4	1,537.2
Expenses for abusive protection rehabilitation	mln.MNT	664.1	478.3
Area of remodeling the mine and rehabilitation of the village	ha	47.3	19.0
Expenses for remodeling the mine and rehabilitation of the village	mln.MNT	312.1	390.7

## 3.10. AREA COVERED BY MINING AND REHABILITATION AREA IN 2019, by provinces

	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>81</b>	<b>467.3</b>	<b>100%</b>	<b>542.7</b>	<b>100%</b>	<b>371.4</b>	<b>100%</b>	<b>2470.2</b>	<b>100%</b>
Arkhangai	1	0.7	0.1%	44.6	8.2%	19.2	5.2%	63.8	2.6%
Bayankhongor	6	33.1	7.1%	23.0	4.2%	3.2	0.9%	1,484.2	60.1%
Bulgan	5	38.3	8.2%	46.3	8.5%	31.6	8.5%	79.8	3.2%
Bulgan, Selenge	1	4.7	1.0%	10.5	1.9%	6.9	1.9%	17.4	0.7%
Bulgan, Tuv	6	99.4	21.3%	162.4	29.9%	114.2	30.7%	277.0	11.2%
Govi-Altai	1	3.3	0.7%	2.9	0.5%	2.9	0.8%	5.7	0.2%
Govisumber	1	-	-	-	-	-	-	-	-
Darkhan Uul	6	18.8	4.0%	23.6	4.4%	12.5	3.4%	38.4	1.6%
Dornogovi	6	27.4	5.9%	7.4	1.4%	10.0	2.7%	18.4	0.7%
Dornod	3	4.8	1.0%	2.5	0.5%	2.0	0.5%	8.0	0.3%
Dundgovi	6	17.9	3.8%	-	-	0.8	0.2%	62.9	2.5%
Zavkhan	1	-	-	-	-	-	-	-	-
Orkhon	2	52.4	11.2%	2.0	0.4%	4.0	1.1%	8.2	0.3%
Sukhbaatar	1	-	-	-	-	-	-	0.3	0.0%
Selenge	7	7.9	1.7%	24.1	4.4%	23.8	6.4%	56.8	2.3%
Tuv	19	143.9	30.8%	178.8	32.9%	140.2	37.8%	327.0	13.2%
Khentii	9	14.7	3.1%	14.7	2.7%	0.2	0.1%	22.4	0.9%

Эх сурвалж: Уул уурхайн үйлдвэрлэл, технологийн хэлтэс, АМГТГ

# 4 | COAL

## 4.1. STRIPING, COAL PRODUCTION, SALE AND EXPORT, by 2015-2020

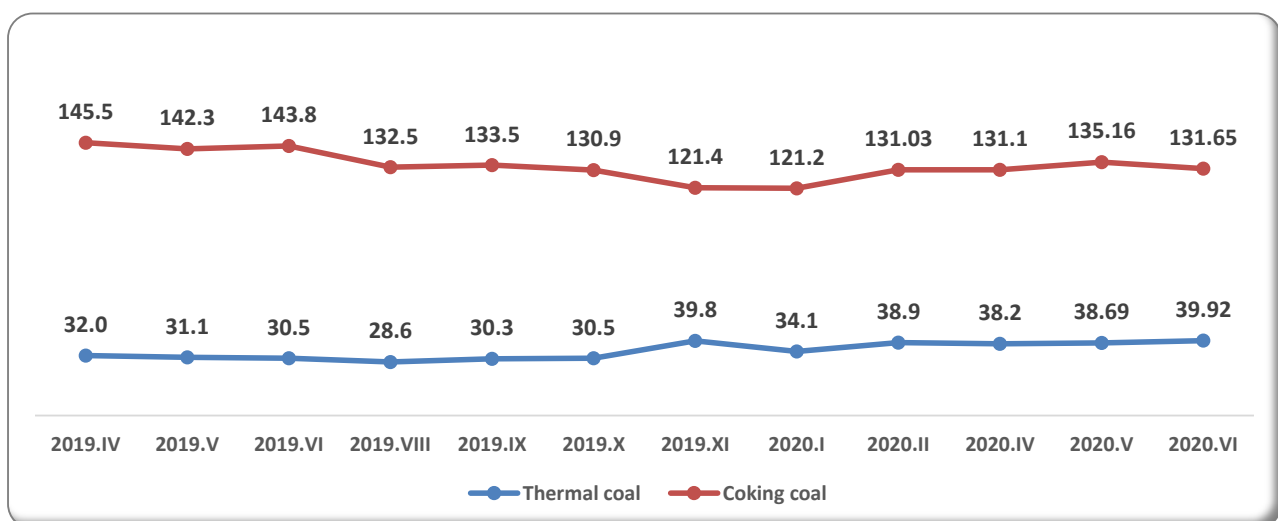
	Striping /ths.m3/	Coal production /ths.tons/	Coal sale /ths.tons/	Coal export /ths.tons/
2015	92,975.0	23,979.0	22,125.0	14,468.0
2016	102,374.3	35,096.5	33,831.7	25,809.3
2017	197,240.8	49,480.3	41,904.6	33,400.1
2018	244,861.2	54,572.3	45,741.9	36,671.4
2019	292,181.7	57,128.8	47,047.8	36,809.1
2020.I-VII	111,045.4	16,352.9	14,134.0	9,415.4

## 4.2. COAL SALE, by ths.tons, type and 2020.I-VII

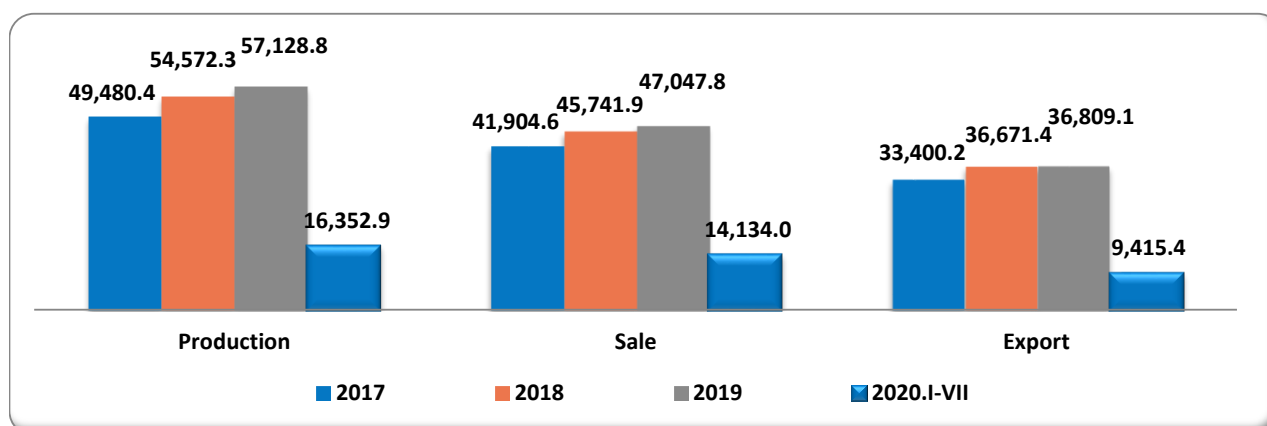
	TOTAL	Export	Local
<b>БҮГД</b>	<b>14,134.0</b>	<b>9,415.4</b>	<b>4,718.6</b>
Washed coking coal	1,898.7	1,898.7	-
Raw coking coal	3,251.4	3,251.4	-
Weak coking coal	3,341.9	3,341.9	-
Thermal coal	923.4	923.4	-
Brown coal	4,718.6	0.0	4,718.6

Source: Coal Research Division, MRPAM

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



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- 20204.5. COAL PRODUCTION, SALE AND EXPORT, by *ths.tons*, month and 2018-2020

	Production	Sale	Export
<b>2019</b>	<b>57,128.8</b>	<b>47,047.8</b>	<b>36,809.1</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	3,891.8	3,378.5
2019.VI	4,435.5	3,695.8	3,066.5
2019.VII	5,196.0	3,602.8	2,936.6
2019.VIII	5,402.1	4,139.1	3,415.9
2019.IX	5,801.5	4,773.7	3,987.6
2019.X	5,306.4	4,719.3	3,755.1
2019.XI	4,701.0	2,587.1	1,570.6
2019.XII	2,963.6	3,836.8	2,469.9
<b>2020.I-VII</b>	<b>16,352.9</b>	<b>14,134.0</b>	<b>9,415.4</b>
2020.I	3,583.0	2,908.1	2,034.7
2020.II	2,369.9	1,290.0	419.9
2020.III	1,505.9	1,320.4	640.6
2020.IV	1,699.5	1,700.7	836.8
2020.V	1,673.2	1,984.2	1,338.3
2020.VI	3,391.9	2,150.2	1,804.4
2020.VII	2,129.5	2,780.4	2,340.7
<b><u>2020.VII</u></b>	<b>41.0%</b>	<b>77.2%</b>	<b>79.7%</b>
<b><u>2019.VII</u></b>			
<b><u>2020.I-VII</u></b>	<b>49.6%</b>	<b>52.4%</b>	<b>43.6%</b>
<b><u>2019.I-VII</u></b>			

Source: Coal Research Division, MRPAM

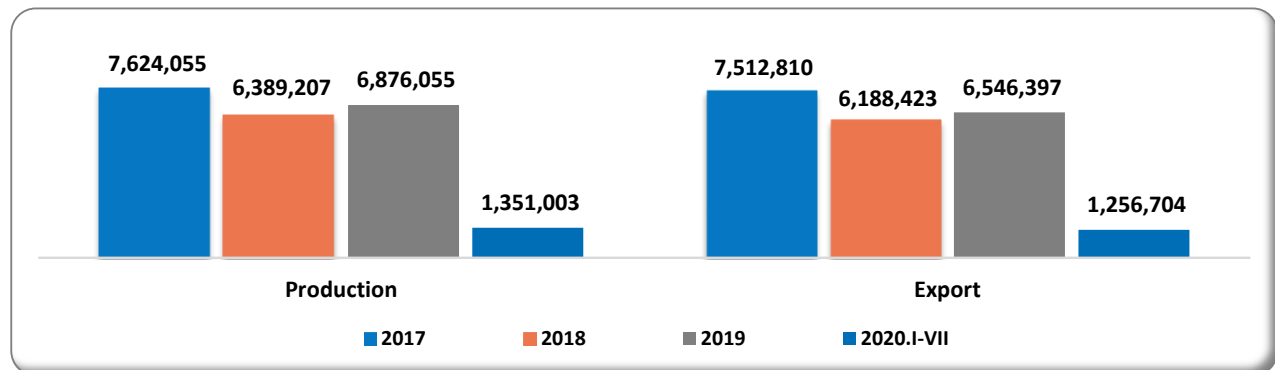
## 4.6. MINING AND PETROLEUM EXAMINATION AND TESTING CENTRAL LABORATORY, 2020.VII

Type of coal	Name	Classification	Border name	Deposite name	Total moisture	Ash	Volatile matter	Sulfur value	Calorific value	Free swelling index	Gelification index
					Weight, %				Kcal/kg	Index	
Raw coal	Antracite	Antracite	Khang	Mandakh nuur	3.2	7.2	7.7	0.4	7580.0	0.0	0.0
	Coal	Coking	Khang	Ail bayan	5.6	10.5	22.3	0.6	6776.0	8.5	88.5
			Gashuun sukhait	Baruun Zuun Tsankhi	2.5	14.5	26.0	1.00	7005	7.5	82.8
				Tavan tolgoi 4th orifice	2.8	18.2	28.3	1.05	6720	7.0	80.2
			Weak coking	Gashuun sukhait	Tavan tolgoi 8th orifice	3.2	18.0	30.9	0.96	6752	7.0
		Shivee khuren		Khuren shand	3.1	6.1	37.2	1.15	7025	6.0	92.5
				Zangat Uul	2.5	13.5	31.8	0.95	7005	7.5	92.5
				Ukhaa Khudag	8.2	8.9	33.5	0.80	6781	7.0	85.3
				Baruun Noyon	2.8	18.2	29.6	1.05	6255	7.0	82.5
				MAK	6.2	7.2	37.2	1.25	6950	6.5	80.1
				SGS	2.8	10.8	36.5	1.18	6605	5.0	70.8
				Non coking	Gashuun sukhait	ETT Erchim Khuch	3.9	25.2	27.2	0.92	6152
		Tavan tolgoi erchim khuch	3.2			28.2	30.5	1.12	5155	0.0	0.0
		Shivee khuren	MAK		20.6	22.8	42.8	1.00	4060	0.0	0.0
			Nariin sukhait SGS	5.2	14.2	37.8	1.33	5620	1.0	14.0	
		Other	Zamiin Uud	Alag Tolgoi	6.5	18.5	43.2	1.59	5150	0.0	0.0
	Dalan Shtain			4.4	21.2	24.6	1.02	6125	0.0	0.0	
Washed coal	Coal	Coking	Gashuun sukhait	Ukhaa Khudag	9.2	10.2	24.2	0.71	6806	7.0	84.0
		Weak coking	Shivee khuren	MAK	10.2	10.4	36.7	0.95	6430	6.5	82.0
		Non coking	Gashuun sukhait	Ukhaa Khudag	5.5	17.6	22.9	0.91	6713	1.0	10.8
				Dalan	7.5	17.0	40.5	1.44	5776	0.0	0.0
Coking and half coking coal		27,04-0010	Gashuun sukhait	Coke	0.1	18.2	3.2	0.63	5656	0.0	0.0

Source: Central Laboratory of Mining and Petroleum, MRPAM

# 5 | PETROLEUM

## 5.1. PETROLEUM PRODUCTION AND EXPORT, by barrel and 2017-2020



## 5.2. PETROLEUM PRODUCTION AND EXPORT, by barrel, month and 2019-2020

	Production		Export	
	Barrel	Percent	Barrel	Percent
<b>2019</b>	<b>6,876,055</b>	<b>100%</b>	<b>6,546,397</b>	<b>100%</b>
2019.I	586,737	8.5%	533,837	8.2%
2019.II	515,318	7.5%	477,824	7.3%
2019.III	569,607	8.3%	609,105	9.3%
2019.IV	549,449	8.0%	484,692	7.4%
2019.V	565,176	8.2%	521,783	8.0%
2019.VI	575,602	8.4%	549,609	8.4%
2019.VII	601,694	8.8%	548,598	8.4%
2019.VIII	591,121	8.6%	564,567	8.6%
2019.IX	570,280	8.3%	551,501	8.4%
2019.X	613,122	8.9%	619,007	9.5%
2019.XI	579,933	8.4%	539,023	8.2%
2019.XII	558,016	8.1%	546,852	8.4%
<b>2020.I-VII</b>	<b>1,351,003</b>	<b>100%</b>	<b>1,256,704</b>	<b>100%</b>
2020.I	375,846	27.8%	287,707	22.9%
2020.II	45,511	3.4%	-	-
2020.III	40,235	3.0%	34,584	2.8%
2020.IV	97,679	7.2%	165,747	13.2%
2020.V	210,317	15.6%	175,756	14.0%
2020.VI	258,256	19.1%	287,313	22.9%
2020.VII	323,159	23.9%	305,597	24.3%
<u>2020.VII</u> <u>2019.VII</u>	<b>53.7%</b>	-	<b>55.7%</b>	-
<u>2020.I-VII</u> <u>2019.I-VII</u>	<b>34.1%</b>	-	<b>33.7%</b>	-

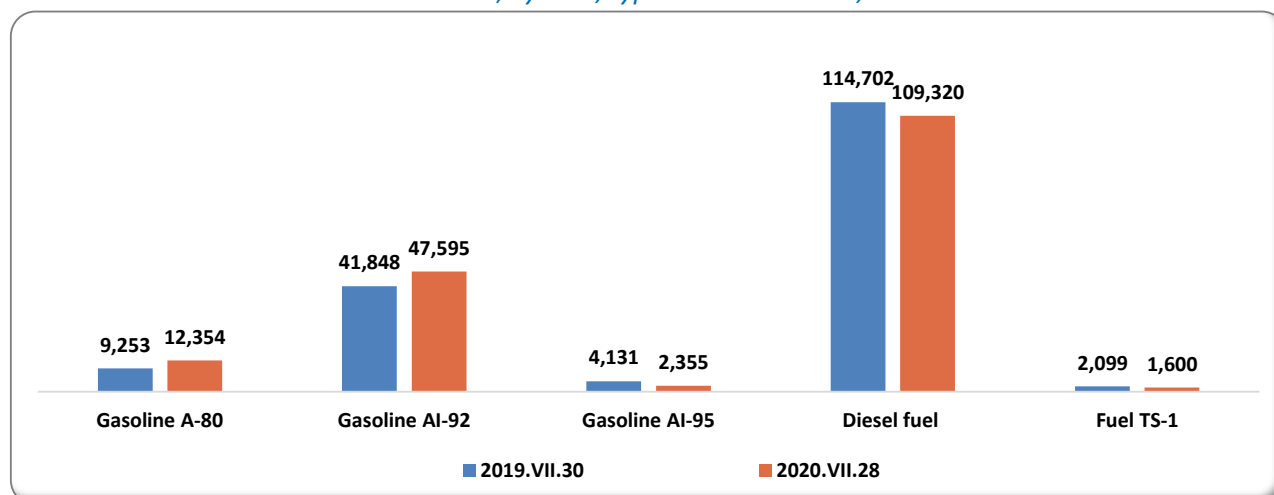
Source: Petroleum Exploitation Division, MRPAM



5.3. PETROLEUM PRODUCTS IMPORTING, by tons, type, months and 2019-2020

	Total	Gasoline A-80	Gasoline AI-92	Gasoline AI-95	Gasoline AI-98	Diesel fuel	Fuel TS-1	Lique-fied gas	Other
<b>2019</b>	<b>2,004,172</b>	<b>70,559</b>	<b>468,824</b>	<b>23,357</b>	<b>1,191</b>	<b>1,118,417</b>	<b>46,621</b>	<b>41,120</b>	<b>234,082</b>
2019.I	185,605	7,230	51,032	2,480	179	108,528	3,155	3,123	9,878
2019.II	131,054	3,986	33,815	2,098	64	77,429	2,825	2,247	8,590
2019.III	147,618	5,913	40,407	373	-	82,892	3,515	4,008	10,510
2019.IV	134,340	8,390	35,288	1,773	182	71,583	5,926	4,102	7,096
2019.V	131,925	4,163	28,940	1,759	60	75,632	1,012	2,760	17,599
2019.VI	162,756	4,881	30,035	-	-	102,827	4,232	3,229	17,551
2019.VII	238,640	6,405	54,880	2,071	116	142,804	4,690	4,858	22,817
2019.VIII	199,703	5,397	42,280	4,416	239	106,160	7,616	2,974	30,620
2019.IX	154,164	4,394	29,095	1,828	112	80,774	2,267	3,806	31,887
2019.X	167,607	4,351	26,060	2,426	122	83,323	5,831	3,470	42,024
2019.XI	156,548	8,138	35,181	1,710	54	92,739	2,268	3,072	13,386
2019.XII	194,212	7,309	61,813	2,424	63	93,724	3,285	3,470	22,125
<b>2020.I-VII</b>	<b>1,111,226</b>	<b>33,686</b>	<b>298,483</b>	<b>15,061</b>	<b>426</b>	<b>562,522</b>	<b>14,541</b>	<b>9,888</b>	<b>176,620</b>
2020.I	196,696	7,103	47,763	4,247	187	113,855	5,088	2,849	15,603
2020.II	108,312	2,380	24,698	1,421	63	55,442	1,145	3,971	19,193
2020.III	103,413	3,184	31,888	2,081	55	40,644	1,556	49	23,956
2020.IV	129,237	2,791	39,280	1,227	-	60,726	957	82	24,173
2020.V	164,372	4,508	52,520	1,272	-	80,278	2,058	2,770	20,966
2020.VI	229,996	6,480	56,638	2,624	-	125,992	2,999	66	35,198
2020.VII	179,201	7,240	45,696	2,190	121	85,585	738	100	37,531
<b>2020.VII</b> <b>2019.VII</b>	75.1%	113.0%	83.3%	105.7%	105.0%	59.9%	15.7%	2.1%	164.5%
<b>2020.I-VII</b> <b>2019.I-VII</b>	98.2%	82.2%	108.8%	142.7%	71.0%	85.0%	57.4%	40.6%	187.8%

5.4. RESIDUE OF PETROLEUM PRODUCTS, by tons, type and 2019.VII.30, 2020.VII.28



Source: Petroleum Products Division, MRPAM

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

	Нью-Йорк / WTI	Лондон / BRENT	ОХУ / URAL S32'	БНХАУ / DAQNG 33'
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
2019.X.01	424.80	453.60	411.81	396.29
2019.X.08	414.11	446.00	393.17	385.16
2019.X.15	417.77	450.94	407.42	397.23
2019.X.22	417.38	447.75	398.65	398.69
2019.X.29	432.75	462.87	427.52	413.88
2019.XI.05	440.32	471.38	425.69	421.88
2019.XI.12	442.20	472.44	439.21	419.62
2019.XI.19	444.22	474.42	437.02	430.82
2019.XI.25	452.26	474.95	437.75	434.46
2019.XII.03	437.75	462.87	412.90	429.37
2019.XII.10	459.36	488.17	437.02	444.92
2019.XII.17	469.35	496.45	422.77	454.96
2019.XII.24	472.78	497.06	435.56	461.43
2019.XII.30	481.60	508.61	436.65	479.89
2020.I.07	490.50	519.86	436.65	479.17
2020.I.14	452.73	487.94	438.48	463.97
2020.I.21	453.82	490.75	440.31	461.94
2020.I.28	413.95	443.65	417.65	442.74
2020.II.04	395.07	416.90	390.98	400.07
2020.II.11	391.48	410.37	378.92	386.33
2020.II.18	402.63	433.09	387.69	404.87
2020.II.21	418.79	444.94	408.52	413.95
2020.III.03	375.32	404.21	328.13	363.28
2020.III.10	257.50	279.23	351.88	252.05
2020.III.17	225.19	238.65	213.03	241.22
2020.III.24	190.47	231.51	169.91	182.77
2020.III.31	161.37	202.64	143.24	163.21
2020.IV.07	209.43	255.82	181.60	202.69
2020.IV.14	177.28	245.19	208.64	210.76
2020.IV.21	1.09	189.49	179.41	169.10
2020.IV.28	91.45	147.78	152.74	106.14
2020.V.05	166.05	211.60	154.20	114.94
2020.V.12	191.02	226.04	219.97	156.52
2020.V.19	251.65	265.55	221.80	181.17
2020.V.26	266.63	273.30	253.95	188.58
2020.VI.02	276.85	291.84	266.01	213.16
2020.VI.09	294.88	307.57	304.74	251.98
2020.VI.16	294.80	307.95	282.82	224.72
2020.VI.23	315.71	327.32	311.32	253.65
2020.VI.30	310.09	316.91	302.92	248.49
2020.VII.07	315.71	325.80	311.32	268.26
2020.VII.16	320.70	332.34	308.40	273.50
2020.VII.21	318.60	329.30	311.32	268.84
2020.VII.28	325.62	331.73	321.19	280.62
<b>2020.VII.28</b>	<b>105.0%</b>	<b>104.7%</b>	<b>106.0%</b>	<b>112.9%</b>
<b>2020.VI.30</b>				
<b>2020.VII.28</b>	<b>72.9%</b>	<b>68.3%</b>	<b>70.5%</b>	<b>69.3%</b>
<b>2019.VII.30</b>				

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

5.6. RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, by MNT/litre, provinces and 2020.VI.30, 2020.VII.28

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2020.VI.30	2020.VII.28	$\frac{2020.VII.28}{2020.VI.30}$	2020.VI.30	2020.VII.28	$\frac{2020.VII.28}{2020.VI.30}$	2020.VI.30	2020.VII.28	$\frac{2020.VII.28}{2020.VI.30}$	2020.VI.30	2020.VII.28	$\frac{2020.VII.28}{2020.VI.30}$
<b>NATIONAL AVERAGE</b>	<b>1,443</b>	<b>1,464</b>	<b>101.5%</b>	<b>1,507</b>	<b>1,506</b>	<b>100.0%</b>	<b>1,878</b>	<b>2,078</b>	<b>110.7%</b>	<b>1,976</b>	<b>2,139</b>	<b>108.3%</b>
<b>Western region</b>	<b>1,530</b>	<b>1,550</b>	<b>101.3%</b>	<b>1,590</b>	<b>1,590</b>	<b>100.0%</b>	-	-	-	<b>1,954</b>	<b>2,054</b>	<b>105.1%</b>
Bayan-Ulgii	1,500	1,520	101.3%	1,570	1,570	100.0%	-	-	-	1,790	1,890	105.6%
Govi-Altai	1,460	1,500	102.7%	1,550	1,550	100.0%	-	-	-	2,000	2,100	105.0%
Zavkhan	1,630	1,630	100.0%	1,650	1,650	100.0%	-	-	-	2,080	2,180	104.8%
Uvs	1,490	1,530	102.7%	1,580	1,580	100.0%	-	-	-	1,950	2,050	105.1%
Hovd	1,570	1,570	100.0%	1,600	1,600	100.0%	-	-	-	1,950	2,050	105.1%
<b>Hangai region</b>	<b>1,386</b>	<b>1,408</b>	<b>101.6%</b>	<b>1,449</b>	<b>1,446</b>	<b>99.8%</b>	<b>1,883</b>	<b>2,083</b>	<b>110.6%</b>	<b>1,959</b>	<b>2,154</b>	<b>110.0%</b>
Arkhangai	1,400	1,430	102.1%	1,480	1,480	100.0%	1,940	2,140	110.3%	2,010	2,210	110.0%
Bayankhongor	1,420	1,420	100.0%	1,460	1,460	100.0%	-	-	-	2,020	2,220	109.9%
Bulgan	1,360	1,360	100.0%	1,390	1,390	100.0%	1,850	2,050	110.8%	1,900	2,100	110.5%
Uvurkhangai	1,380	1,410	102.2%	1,460	1,460	100.0%	1,940	2,140	110.3%	2,000	2,200	110.0%
Orkhon	1,370	1,350	98.5%	1,420	1,400	98.6%	1,840	2,040	110.9%	1,910	2,090	109.4%
Selenge	1,360	1,370	100.7%	1,420	1,420	100.0%	1,830	2,030	110.9%	1,900	2,090	110.0%
Khuvsgul	1,410	1,460	103.5%	1,510	1,510	100.0%	1,900	2,100	110.5%	1,970	2,170	110.2%
<b>Central region</b>	<b>1,390</b>	<b>1,423</b>	<b>102.4%</b>	<b>1,470</b>	<b>1,470</b>	<b>100.0%</b>	<b>1,850</b>	<b>2,050</b>	<b>110.8%</b>	<b>1,963</b>	<b>2,153</b>	<b>109.7%</b>
Ulaanbaatar	1310-1400	1320-1400	100.0%-100.8%	1360-1420	1320-1420	97.1%-100%	1800-1810	2000-2010	111.0%-111.1%	1700-1890	1800-2090	105.9%-110.6%
Tuv	1,350	1,350	100.0%	1,390	1,390	100.0%	1,820	2,020	111.0%	1,890	2,090	110.6%
Darkhan	1,350	1,370	101.5%	1,420	1,420	100.0%	1,820	2,020	111.0%	1,900	2,090	110.0%
Govisumber	1,420	1,420	100.0%	1,460	1,460	100.0%	1,850	2,050	110.8%	1,930	2,150	111.4%
Dundgovi	1,400	1,440	102.9%	1,490	1,490	100.0%	1,860	2,060	110.8%	1,990	2,110	106.0%
Dornogovi	1,400	1,450	103.6%	1,500	1,500	100.0%	1,850	2,050	110.8%	2,000	2,200	110.0%
Umnugovi	1,410	1,480	105.0%	1,530	1,530	100.0%	1,900	2,100	110.5%	2,030	2,230	109.9%
Zamin Uud	1,400	1,450	103.6%	1,500	1,500	100.0%	1,850	2,050	110.8%	2,000	2,200	110.0%
<b>Eastern region</b>	<b>1,467</b>	<b>1,477</b>	<b>100.7%</b>	<b>1,520</b>	<b>1,520</b>	<b>100.0%</b>	<b>1,900</b>	<b>2,100</b>	<b>110.5%</b>	<b>2,027</b>	<b>2,193</b>	<b>108.2%</b>
Dornod	1,470	1,470	100.0%	1,510	1,510	100.0%	1,900	2,100	110.5%	2,000	2,200	110.0%
Sukhbaatar	1,470	1,500	102.0%	1,550	1,550	100.0%	1,950	2,150	110.3%	2,080	2,280	109.6%
Khentii	1,460	1,460	100.0%	1,500	1,500	100.0%	1,850	2,050	110.8%	2,000	2,100	105.0%

Source: Petroleum Products Division, MRPAM

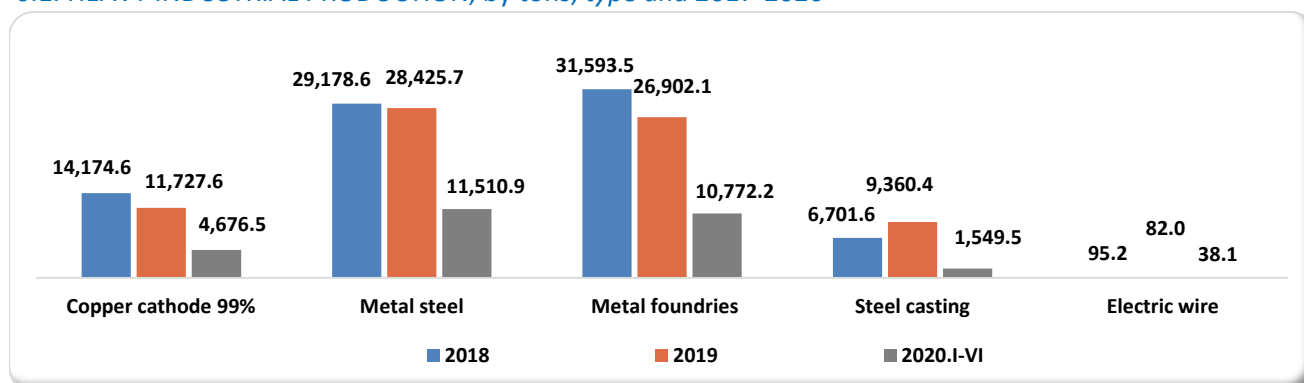
## 5.7.RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, by MNT/litre, type, and end of month 2018-2020

	Gasoline A-80	Gasoline AI-92	Gasoline AI-95	Diesel fuel
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
2019.X.29	1847	1920	2260	2425
2019.XI.25	1847	1925	2260	2526
2019.XII.30	1847	1925	2260	2524
2020.I.28	1847	1925	2260	2524
2020.II.21	1847	1925	2260	2524
2020.III.31	1785	1863	2196	2515
2020.IV.28	1505	1571	2051	2230
2020.V.26	1443	1511	1878	2076
2020.VI.30	1443	1507	1878	1976
2020.VII.28	1464	1506	2078	2139
<b><u>2020.VII.28</u></b> <b><u>2020.VI.30</u></b>	<b>101.5%</b>	<b>99.9%</b>	<b>110.6%</b>	<b>108.2%</b>
<b><u>2020.VII.28</u></b> <b><u>2019.VII.30</u></b>	<b>79.3%</b>	<b>78.4%</b>	<b>91.9%</b>	<b>87.9%</b>
<b><u>2020.VII.28</u></b> <b><u>2018.VII.31</u></b>	<b>83.7%</b>	<b>79.8%</b>	<b>96.3%</b>	<b>98.3%</b>

Source: Petroleum Products Division, MRPAM

# 6 | HEAVY INDUSTRY

## 6.1. HEAVY INDUSTRIAL PRODUCTION, by tons, type and 2017-2020

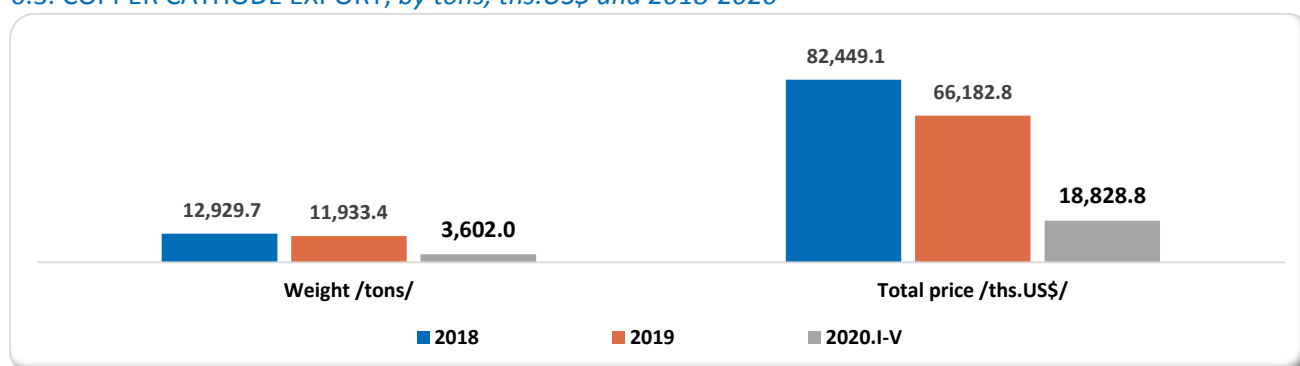


## 6.2. HEAVY INDUSTRIAL PRODUCTION, by tons, type and months 2019-2020

	Copper cathode 99%	Metal steel	Metal foundries	Steel casting	Electric wire
<b>2019</b>	<b>11,727.6</b>	<b>28,425.7</b>	<b>26,902.1</b>	<b>9,360.4</b>	<b>82.0</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
2019.X	933.7	2,126.0	-	978.9	13.4
2019.XI	912.3	2,116.4	-	942.1	4.7
2019.XII	931.3	2,431.3	3,315.4	835.5	0.8
<b>2020.I-VI</b>	<b>4,676.5</b>	<b>11,510.9</b>	<b>10,772.2</b>	<b>1,549.5</b>	<b>38.1</b>
2020.I	903.9	2,633.4	3,679.0	722.3	0.1
2020.II	817.3	2,155.7	3,390.8	-	6.6
2020.III	727.0	42.6	-	0.5	8.7
2020.IV	741.8	3,294.9	-	0.7	8.4
2020.V	793.3	89.9	3,702.4	825.3	3.7
2020.VI	693.2	3,294.4	-	0.7	10.6
<b>2020.VI</b> <b>2019.VI</b>	<b>78.4%</b>	<b>129.7%</b>	<b>-</b>	<b>0.1%</b>	<b>173.8%</b>
<b>2020.I-VI</b> <b>2019.I-VI</b>	<b>74.4%</b>	<b>71.7%</b>	<b>65.6%</b>	<b>36.6%</b>	<b>73.1%</b>

Source: Heavy Industry and Technology Division, MRPAM

## 6.3. COPPER CATHODE EXPORT, by tons, ths.US\$ and 2018-2020



## 6.4. COPPER CATHODE EXPORT, by tons, ths US\$, month and 2019-2020

	Weight		Total price	
	Tons	Percent	Ths.US\$	Percent
<b>2019</b>	<b>11,933.4</b>	<b>100%</b>	<b>66,182.8</b>	<b>100%</b>
2019.I	760.0	6.4%	4,381.0	6.6%
2019.II	761.0	6.4%	4,518.5	6.8%
2019.III	760.8	6.4%	4,769.4	7.2%
2019.IV	760.5	6.4%	4,779.7	7.2%
2019.V	760.7	6.4%	4,564.4	6.9%
2019.VI	761.0	6.4%	4,312.7	6.5%
2019.VII	560.7	4.7%	530.8	0.8%
2019.VIII	1,161.7	9.7%	6,450.5	9.7%
2019.IX	1,161.2	9.7%	6,395.5	9.7%
2019.X	1,161.2	9.7%	6,397.5	9.7%
2019.XI	1,362.0	11.4%	7,714.2	11.7%
2019.XII	1,962.6	16.4%	11,368.6	17.2%
<b>2020.I-V</b>	<b>3,602.0</b>	<b>100%</b>	<b>18,828.8</b>	<b>100%</b>
2020.I	-	-	-	-
2020.II	1,160.1	32.2%	6,408.3	34.0%
2020.III	960.9	26.7%	5,179.7	27.5%
2020.IV	720.5	20.0%	3,466.4	18.4%
2020.V	760.5	21.1%	3,774.4	20.0%
<b>2020.V</b> <b>2019.V</b>	<b>100.0%</b>	-	<b>82.7%</b>	-
<b>2020.I-V</b> <b>2019.I-V</b>	<b>94.7%</b>	-	<b>81.8%</b>	-

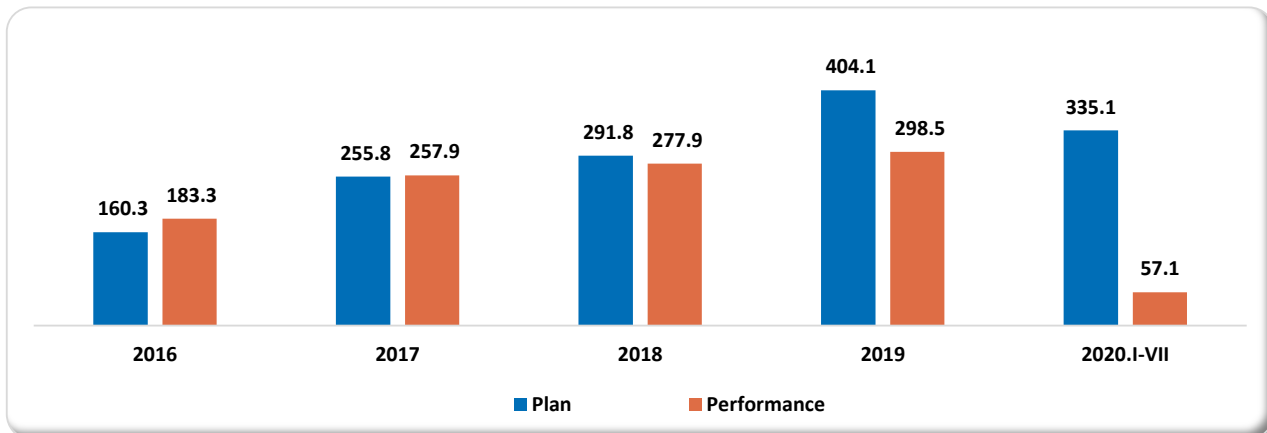
Source: Heavy Industry and Technology Division, MRPAM

# 7 | STATE BUDGET REVENUE

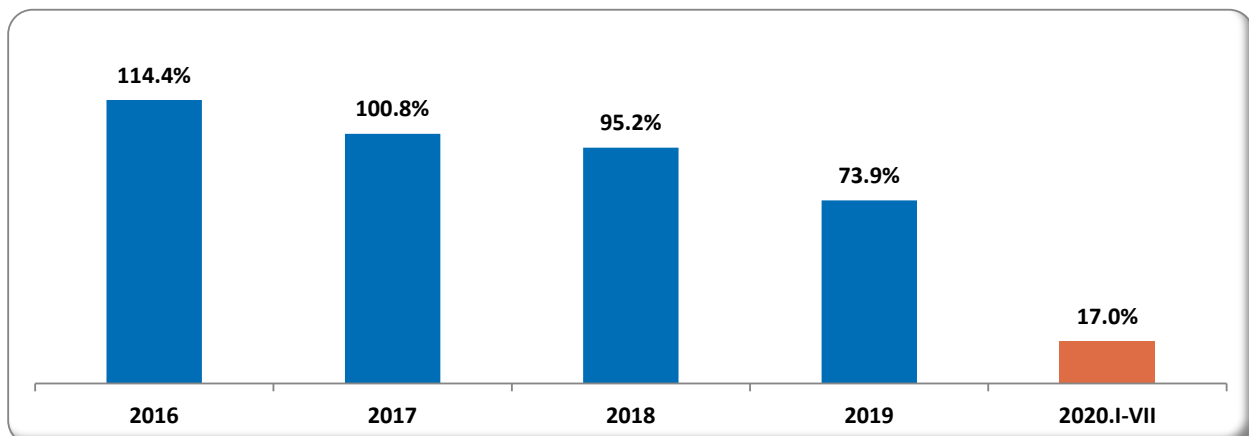
## 7.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, by million.MNT, income type and 2020

	Plan of 2020	2020.I-VII	
		Performance	Performance rate
<b>TOTAL</b>	<b>335,100.0</b>	<b>57,111.9</b>	<b>17.0%</b>
License fee	36,000.0	17,250.5	47.9%
Reimbursement	5,000.0	3,979.0	79.6%
Petroleum export revenue	266,000.0	33,781.0	12.7%
Service revenue (petroleum)	7,473.0	1,078.7	14.4%
Service revenue (mineral resources)	6,627.0	976.7	14.7%
Tender revenue	14,000.0	46.1	0.3%

## 7.2. BUDGET REVENUE OF MRPAM, by billion MNT and 2016-2020



## 7.3. BUDGET PERFORMANCE RATE OF MRPAM, by 2016-2020



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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