

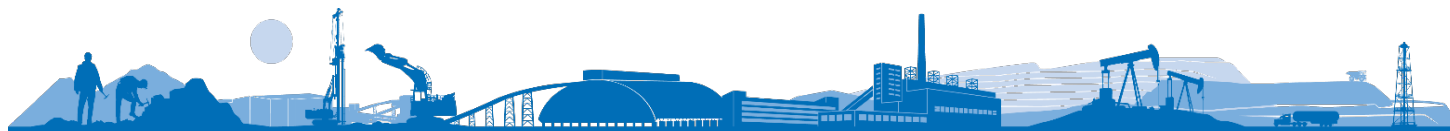


IMPLEMENTING AGENCY OF MONGOLIAN GOVERNMENT  
MINERAL RESOURCES AND PETROLEUM AUTHORITY



# MINERAL RESOURCES AND PETROLEUM STATISTICS

2020/12



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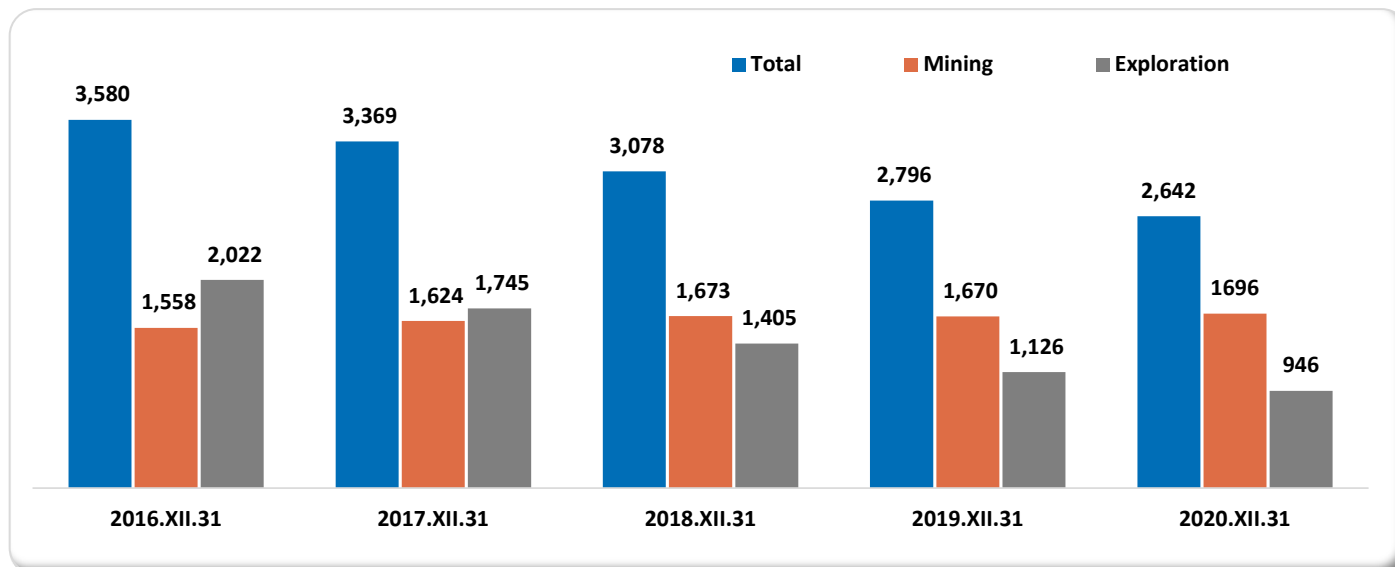
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## 1.1. COUNT OF VALID LICENSES AND AREA SIZE, by provinces and 2020.XII.31

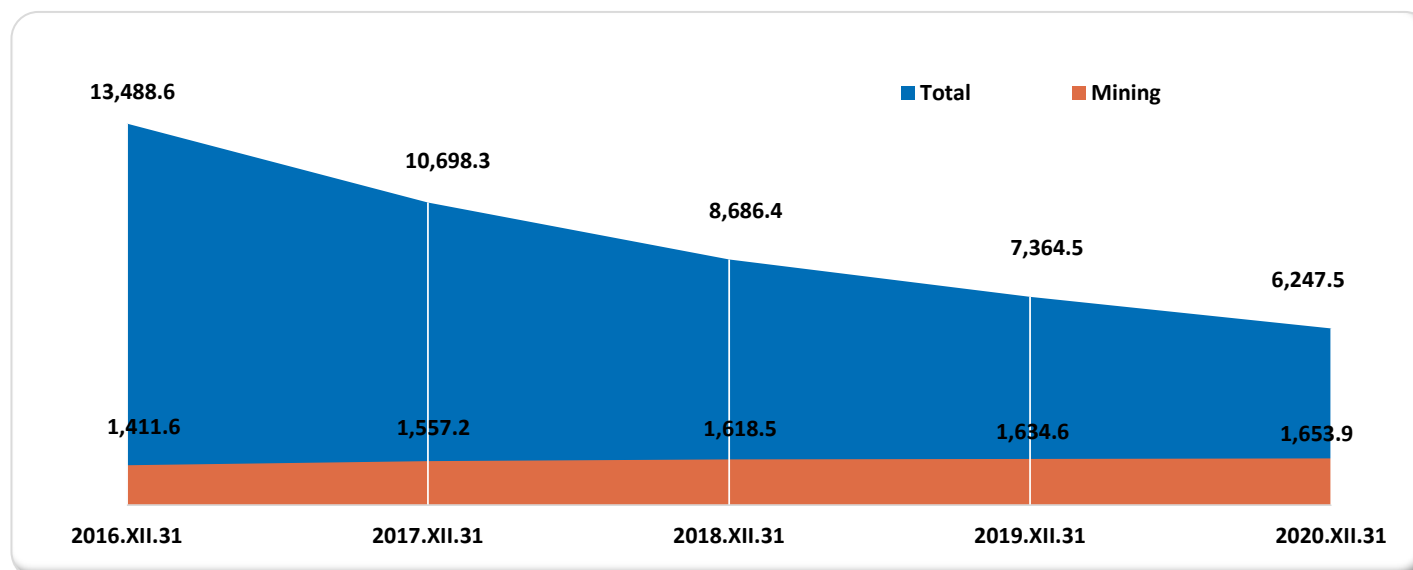
	TOTAL			Of which:					
	Count of Licenses	Area size /ths.ha/	Percent of total territory	Mining			Exploration		
				Count of Licenses	Area size /ths.ha/	Percent of total territory	Count of Licenses	Area size /ths.ha/	Percent of total territory
<b>TOTAL</b>	<b>2,642</b>	<b>6,247.5</b>	<b>4.0%</b>	<b>1,696</b>	<b>1,653.9</b>	<b>1.0%</b>	<b>946</b>	<b>4,593.6</b>	<b>3.0%</b>
Arkhangai	20	16.8	0.3%	16	8.6	0.2%	4	8.2	0.1%
Bayan-Ulgii	55	151.7	3.3%	28	15.2	0.3%	27	136.6	3.0%
Bayankhongor	135	312.7	2.7%	88	119.9	1.0%	47	192.8	1.7%
Bulgan	101	89.8	1.8%	77	38.9	0.8%	24	50.9	1.0%
Govi-Altai	138	596.9	4.2%	55	92.2	0.7%	83	504.6	3.6%
Govisumber	16	44.6	8.1%	13	38.9	7.0%	3	5.8	1.0%
Darkhan Uul	66	8.7	2.7%	61	7.6	2.3%	5	1.1	0.3%
Dornogovi	333	1,101.2	10.1%	194	250.1	2.3%	139	851.1	7.8%
Dornod	149	488.2	4.0%	73	63.7	0.5%	76	424.6	3.4%
Dundgovi	197	636.7	8.5%	110	171.6	2.3%	87	465.2	6.2%
Zavhan	49	230.3	2.8%	10	17.0	0.2%	39	213.3	2.6%
Orkhon	9	11.1	13.2%	9	11.1	13.2%	0	0.0	0.0%
Uvurkhangai	44	109.7	1.7%	28	16.1	0.3%	16	93.6	1.5%
Umnugovi	161	929.1	5.6%	97	420.0	2.5%	64	509.1	3.1%
Sukhbaatar	93	274.1	3.3%	71	66.1	0.8%	22	207.9	2.5%
Selenge	179	94.8	2.3%	144	45.1	1.1%	35	49.6	1.2%
Tuv	386	323.1	4.4%	307	157.4	2.1%	79	165.7	2.2%
Uvs	109	287.8	4.1%	42	19.9	0.3%	67	267.9	3.9%
Ulaanbaatar	159	14.1	3.0%	152	13.1	2.8%	7	1.0	0.2%
Khuvsgul	22	10.6	0.1%	21	10.3	0.1%	1	0.3	0.0%
Khovd	95	211.4	2.8%	37	17.2	0.2%	58	194.2	2.6%
Khentii	213	304.1	3.8%	122	54.0	0.7%	91	250.1	3.1%

Source: Cadastre Division, MRPAM

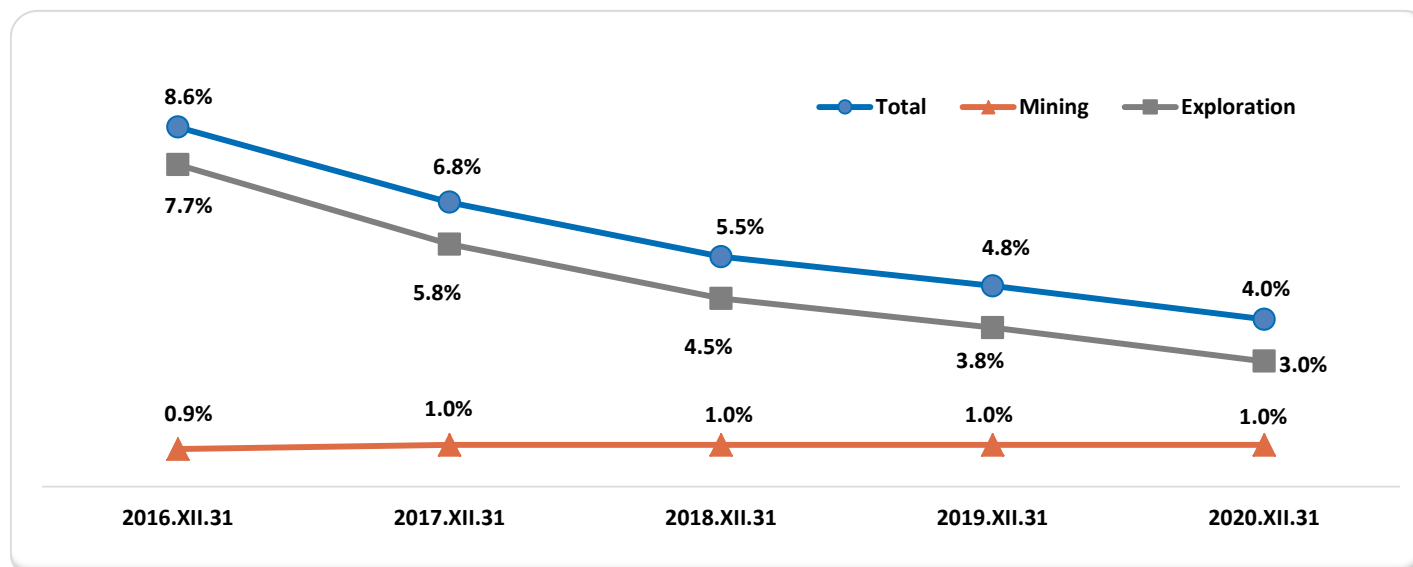
1.2. COUNT OF TOTAL VALID LICENSES, by 2016-2020



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.XII.31

	Mining license		Area size	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>1696</b>	<b>100%</b>	<b>1,653,800.5</b>	<b>100%</b>
Gold (placer)	440	25.9%	155,901.5	9.4%
Coal	303	17.9%	769,825.9	46.5%
Fluorite	198	11.7%	35,350.3	2.1%
Gold (placer)	91	5.4%	77,192.5	4.7%
Iron	76	4.5%	48,442.2	2.9%
limestone	73	4.3%	41,066.3	2.5%
Common mineral, gravel, sand	70	4.1%	3,684.6	0.2%
Common mineral, mud	46	2.7%	2,632.4	0.2%
Common mineral, aggregate stone	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%	5,386.5	0.3%
Earth rare metal	9	0.5%	7,435.4	0.4%
Graphite	8	0.5%	18,106.4	1.1%
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%
Copper, gold	5	0.3%	8,807.4	0.5%
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%
Tungsten, 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	126	7.0%	118,354.7	7.2%

Source: Cadastre Division, MRPAM

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

	Hectare	Percent of total territory
Valid mining licensed area	1.6	1.0%
Valid exploration licensed area	4.6	2.9%
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.XII.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.XII.31

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>1710</b>	<b>2642</b>	<b>6,247,396.9</b>	<b>100.0%</b>
Mongolian entities	1371	2108	4,706,954.3	75.3%
100% foreign entities	243	393	1,231,408.3	19.7%
Joint foreign entities	96	141	309,034.3	4.9%

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

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>243</b>	<b>393</b>	<b>1,231,408.3</b>	<b>100%</b>
China	130	163	325,801.5	26.46%
Virgin Islands	30	56	107,954.8	8.77%
Hong Kong	14	27	66,897.5	5.43%
Singapore	14	54	313,228.4	25.44%
Canada	12	23	220,308.9	17.89%
South Korea	10	12	10,489.2	0.85%
Australia	5	5	26,641.3	2.16%
Russia	4	5	2,490.4	0.20%
Great Britain	3	4	6,038.7	0.49%
Holland	3	15	106,872.3	8.68%
Germany	2	2	603.9	0.05%
Bermud	2	3	7,314.3	0.59%
United States of America	2	4	2,442.3	0.20%
Luxemburg	2	6	13,528.2	1.10%
Japan	2	3	3,015.1	0.24%
Kazakhstan	1	1	136.5	0.01%
Malaysia	1	2	2,416.5	0.20%
Ukraine	1	1	245.0	0.02%
Bulgaria	1	1	3,700.9	0.30%
Russia, China	1	1	47.5	0.00%
Russia, South Korea	1	1	118.2	0.01%
Barbados	1	3	9,183.0	0.75%
Virgin Islands, Singapore	1	1	1,934.0	0.16%

Source: Cadastre Division, MRPAM

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

	Holder	License	Area size	
	Count	Count	Hectare	Percent
<b>TOTAL</b>	<b>96</b>	<b>141</b>	<b>309,034.3</b>	<b>100%</b>
Mongolia, China	46	64	91,278.5	29.5%
Mongolia, South Korea	9	14	24,162.5	7.8%
Mongolia, Russia	8	10	1,347.8	0.4%
Mongolia, Virgin Islands	6	10	35,233.8	11.4%
Mongolia, Singapore	4	6	28,137.9	9.1%
Mongolia, Japan	4	7	13,386.0	4.3%
Mongolia, Germany	3	4	5,911.9	1.9%
Mongolia, Great Britain	2	2	5,135.2	1.7%
Mongolia, Czech Republic	2	5	28,576.6	9.2%
Mongolia, Singapore, Hong Kong	1	1	1,469.5	0.5%
Mongolia, Kazakhstan	1	1	1,789.4	0.6%
Mongolia, United States of America, Virgin Islands, South Korea	1	1	3,766.7	1.2%
Mongolia, Bulgaria	1	3	1,083.7	0.4%
Mongolia, Canada	1	1	3,957.7	1.3%
Mongolia, Canada, China	1	1	6,352.8	2.1%
Mongolia, Luxemburg	1	1	3,273.9	1.1%
Mongolia, Russia, Ukraine	1	1	46.9	0.0%
Mongolia, Hong Kong, Japan	1	3	43,809.3	14.2%
Mongolia, Poland	1	1	1,561.3	0.5%
Mongolia, Hungary	1	1	87.4	0.0%
Mongolia, Hong Kong	1	4	8,665.5	2.8%

Source: Cadastre Division, MRPAM



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

	License		Area	
	Count	Percent	Hectare	Percent
<b>TOTAL</b>	<b>224</b>	<b>100%</b>	<b>166,933.5</b>	<b>100%</b>
Trade and Development Bank	48	21.4%	25,354.8	15.2%
Golomt Bank	31	13.8%	26,688.5	16.0%
Development Bank of Mongolia	26	11.6%	19,706.5	11.8%
HAAN Bank	15	6.7%	3,203.8	1.9%
Anod Bank	8	3.6%	7,427.3	4.4%
XAC Bank	8	3.6%	2,438.4	1.5%
Capital Bank	8	3.6%	1,068.8	0.6%
Chinggis Khan Bank	8	3.6%	3,441.6	2.1%
European Bank for Reconstruction and Development	7	3.1%	2,658.5	1.6%
Golomt, Saving, Zoos, Anod Banks	6	2.7%	3,277.7	2.0%
Capitron bank	5	2.2%	6,710.5	4.0%
Credit bank	4	1.8%	284.8	0.2%
State Bank	4	1.8%	570.6	0.3%
Export-Import Bank of China	3	1.3%	1,092.0	0.7%
Bogd bank	3	1.3%	154.0	0.1%
Triple flag mining finance Bermuda Ltd	3	1.3%	13,017.0	7.8%
GSB capital NBFi	3	1.3%	9,484.0	5.7%
Bank of China	3	1.3%	871.6	0.5%
First lithium Corporation	2	0.9%	17,131.1	10.3%
Khutult nomgon	2	0.9%	253.4	0.2%
National Investment Bank	2	0.9%	805.0	0.5%
Erel bank	2	0.9%	150.3	0.1%
Transport Development bank	2	0.9%	328.1	0.2%
World Gold	2	0.9%	2,194.9	1.3%
Other	19	8.5%	18,620.2	11.2%

Source: Cadastre Division, MRPAM

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

No	Name of entity	Count of license	Area size /ha/	Company type	Nationality
1	Mongolroscvetmet	27	15,145.4	mongolian legal entity	Mongolia
2	Mongolyn alt Mak	23	62,251.0	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	Burdel mining	13	2,344.4	mongolian legal entity	Mongolia
6	Gobi Coal and Energy	12	7,139.8	mongolian legal entity	Mongolia
7	TMG group	12	5,654.8	mongolian legal entity	Mongolia
8	Khunnu gobi altai	12	2,206.7	mongolian legal entity	Mongolia
9	MAK cement	11	4,119.1	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

## 1.13. LIST OF LICENSE HOLDERS WITH 100'000 AND ABOVE LICENSED AREA SIZE, by 2020.XII.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	Monlaa	3	104,550.9	mongolian legal entity	Mongolia

Source: Cadastre Division, MRPAM

## 1.14. RECEIVED APPLICATION, by application type and 2016-2020

	2016	2017	2018	2019	2020
<b>TOTAL</b>	<b>613</b>	<b>813</b>	<b>1187</b>	<b>698</b>	<b>502</b>
<b>New license</b>	<b>131</b>	<b>288</b>	<b>226</b>	<b>218</b>	<b>253</b>
Mining	103	65	78	73	87
Exploration	0	0	0	0	0
Tender	28	223	148	145	166
<b>Extension of exploration license</b>	<b>173</b>	<b>231</b>	<b>657</b>	<b>273</b>	<b>75</b>
<b>Transfer</b>	<b>139</b>	<b>153</b>	<b>157</b>	<b>72</b>	<b>80</b>
Mining	49	78	25	24	32
Exploration	90	75	132	48	48
<b>Pledge</b>	<b>33</b>	<b>37</b>	<b>61</b>	<b>25</b>	<b>28</b>
Mining	30	32	58	24	28
Exploration	3	5	3	1	0
<b>Surrender</b>	<b>137</b>	<b>104</b>	<b>86</b>	<b>110</b>	<b>66</b>
Mining	26	14	12	12	16
Exploration	111	90	74	98	50

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

	2016	2017	2018	2019	2020
<b>New license</b>	<b>750</b>	<b>151</b>	<b>85</b>	<b>130</b>	<b>90</b>
Mining	93	77	61	59	55
Exploration	629	41	5	0	8
Tender	28	33	19	71	27
<b>Surrendered</b>	<b>166</b>	<b>97</b>	<b>91</b>	<b>93</b>	<b>71</b>
Mining	25	13	11	11	16
Exploration	141	84	80	82	55
<b>Canceled</b>	<b>241</b>	<b>237</b>	<b>181</b>	<b>189</b>	<b>140</b>
Mining	37	35	33	70	52
Exploration	204	202	148	119	88
<b>Expired</b>	<b>124</b>	<b>176</b>	<b>209</b>	<b>199</b>	<b>133</b>
<b>Transferred</b>	<b>146</b>	<b>136</b>	<b>172</b>	<b>71</b>	<b>83</b>
Mining	50	62	38	24	35
Exploration	96	74	134	47	48
<b>Extended</b>	<b>167</b>	<b>162</b>	<b>566</b>	<b>300</b>	<b>68</b>
<b>Pledged</b>	<b>29</b>	<b>39</b>	<b>56</b>	<b>23</b>	<b>27</b>
Mining	27	34	53	23	27
Exploration	2	5	3	0	0
<b>Terminated pledges</b>	<b>16</b>	<b>39</b>	<b>27</b>	<b>31</b>	<b>28</b>
Mining	12	38	26	30	28
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>17</b>
Mining	15	19	13	14	11
Exploration	20	7	27	13	6

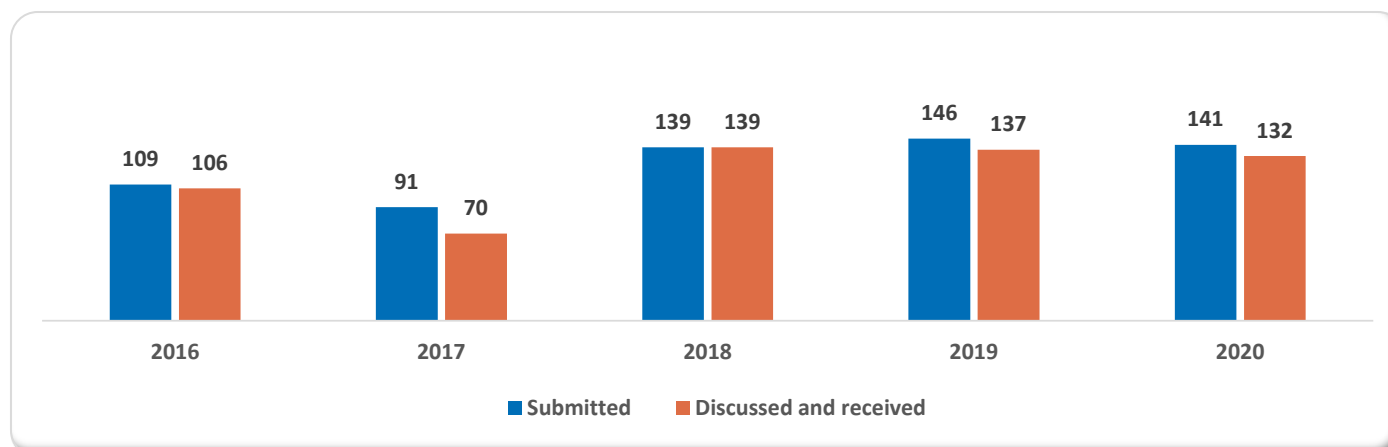
Source: Cadastre Division, MRPAM

2.1. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, by million MNT, type work and 2018-2019 (2021.I.14)

	2018		2019	
	Mln.MNT	Percent	Mln.MNT	Percent
<b>TOTAL</b>	<b>153,292.9</b>	<b>100%</b>	<b>140,572.3</b>	<b>100%</b>
Preparation	3,447.8	2.2%	3,804.1	2.7%
Mapping	3,444.1	2.2%	2,114.4	1.5%
Geological survey	2,746.3	1.8%	2,466.6	1.8%
Sampling	1,674.9	1.1%	1,291.4	0.9%
Geophysical work	10,461.7	6.8%	10,178.8	7.2%
Mining	15,257.0	10.0%	7,600.0	5.4%
Drilling	75,064.2	49.0%	84,238.1	59.9%
Indoor, laboratory investigation	11,786.9	7.7%	4,087.6	2.9%
Laboratory	12,601.0	8.2%	13,472.0	9.6%
Transport	3,761.3	2.5%	7.0	0.0%
Topogeodetic work	1,621.3	1.1%	4,194.9	3.0%
Hydrogeological work	1,442.8	0.9%	1,304.7	0.9%
Geocological survey	823.2	0.5%	3,150.3	2.2%
Archeology	6,638.4	4.3%	522.0	0.4%
Environment reclamation	378.4	0.2%	455.5	0.3%
Field sampling	1,118.2	0.7%	489.8	0.3%
Assume expenses	173.2	0.1%	776.6	0.6%
Other	852.3	0.6%	418.5	0.3%

Source: Geology and Exploration Division, MRPAM

2.2. RECEIVED EXPLORATION REPORT, by 2016-2020

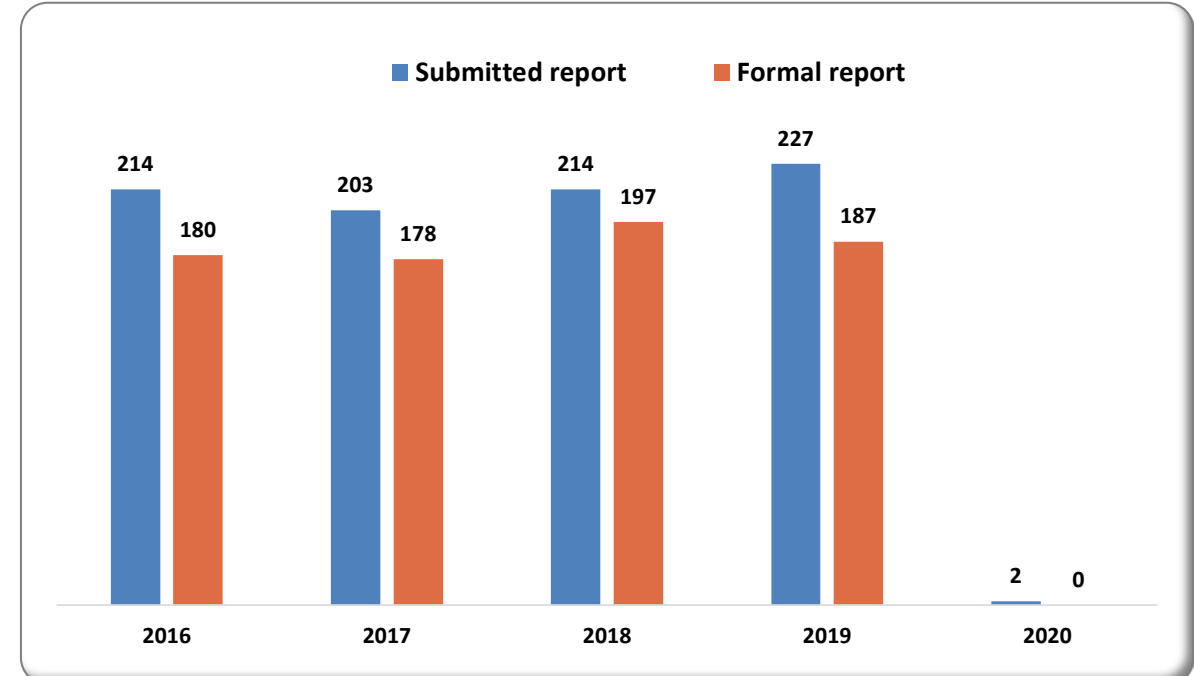
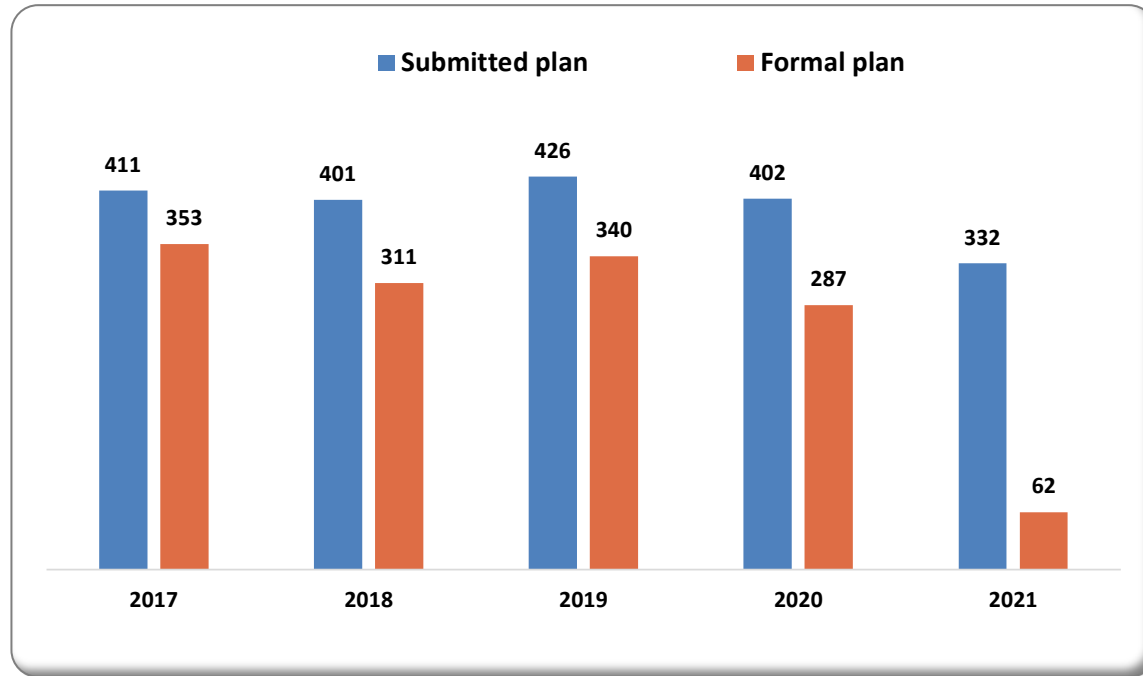


2.3. MINERAL RESOURCE RESERVES REGISTERED IN THE STATE'S INTEGRATED REGISTRATION, 2020

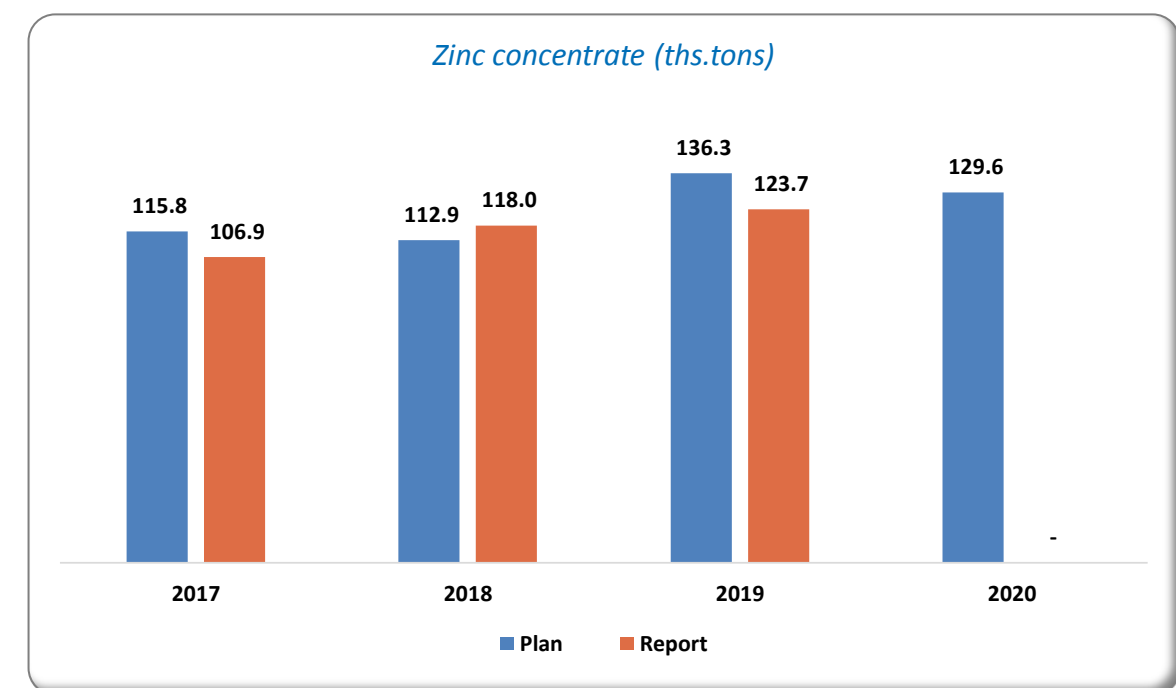
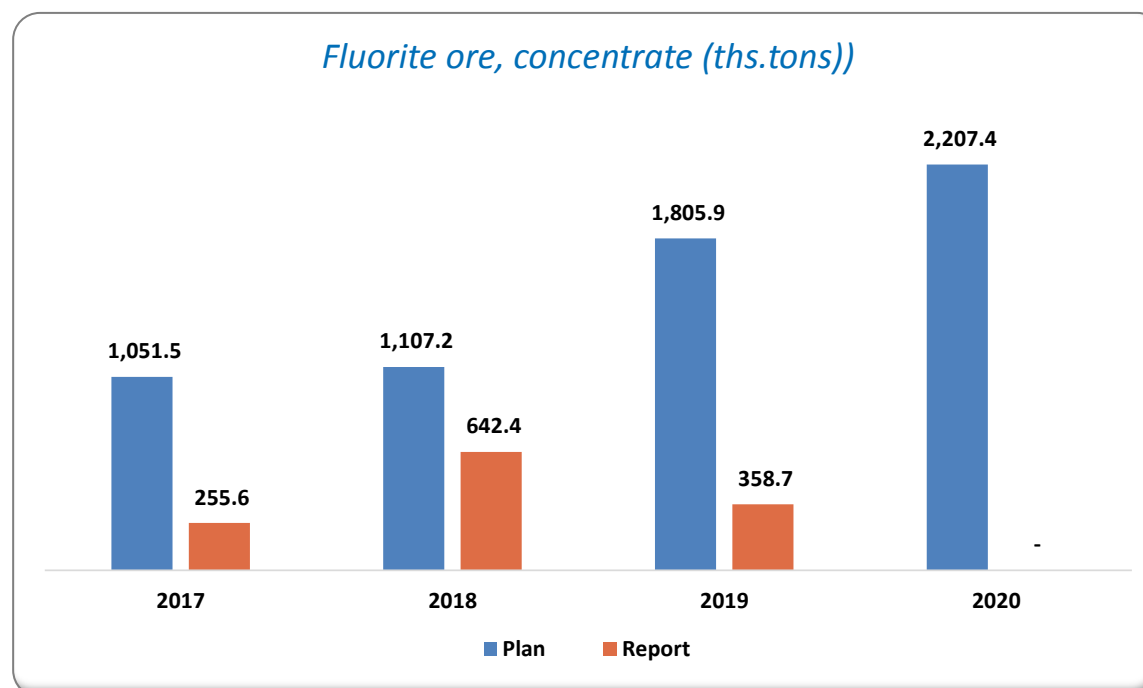
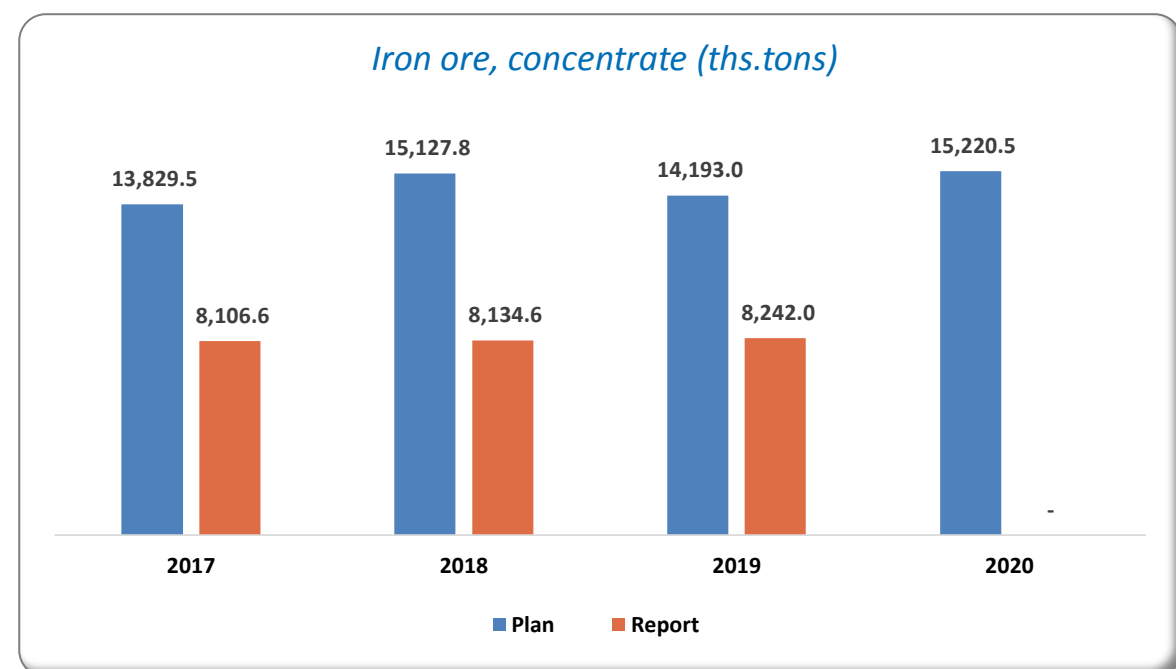
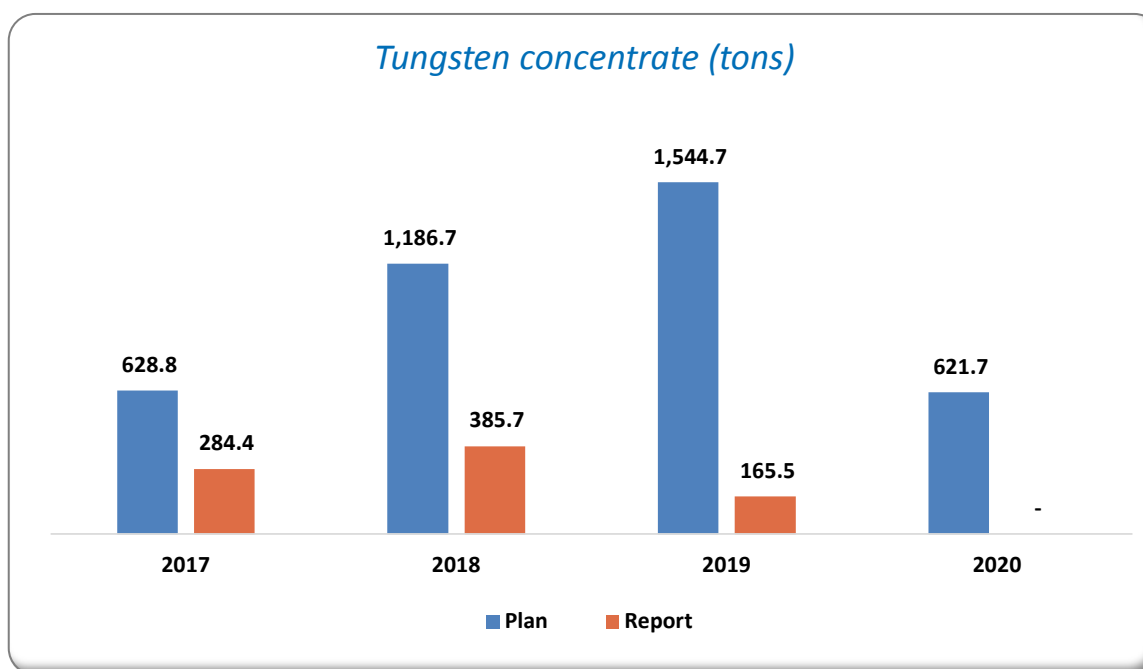
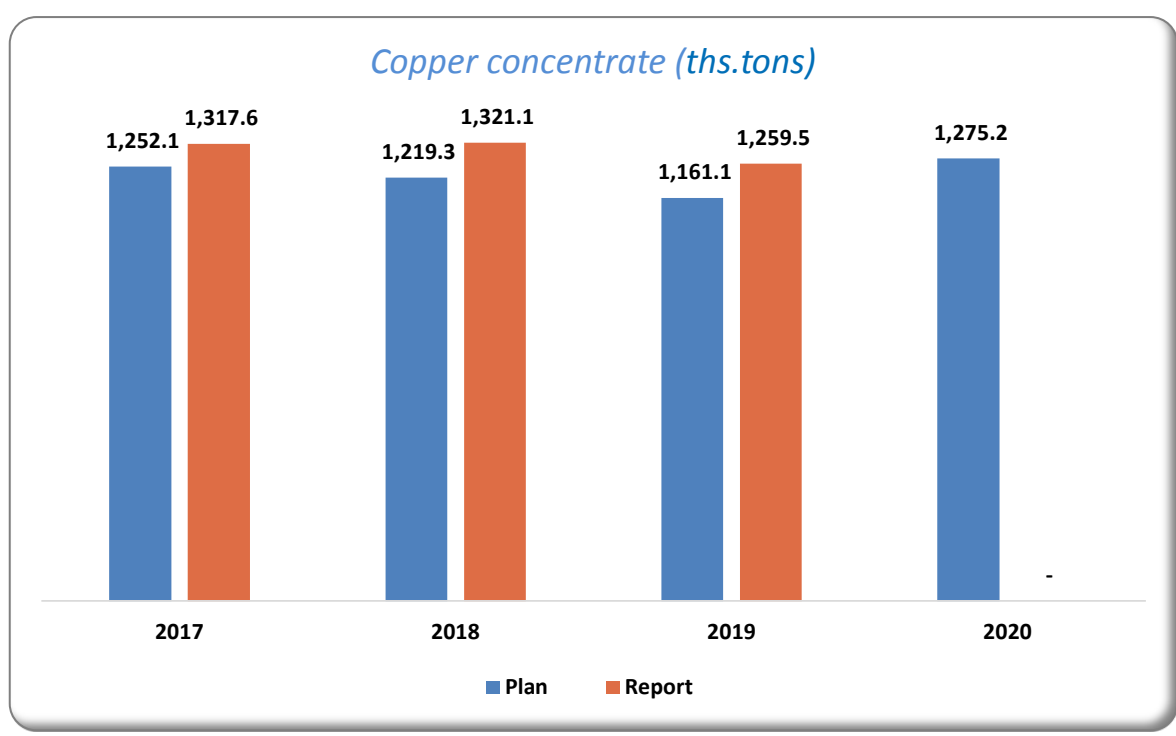
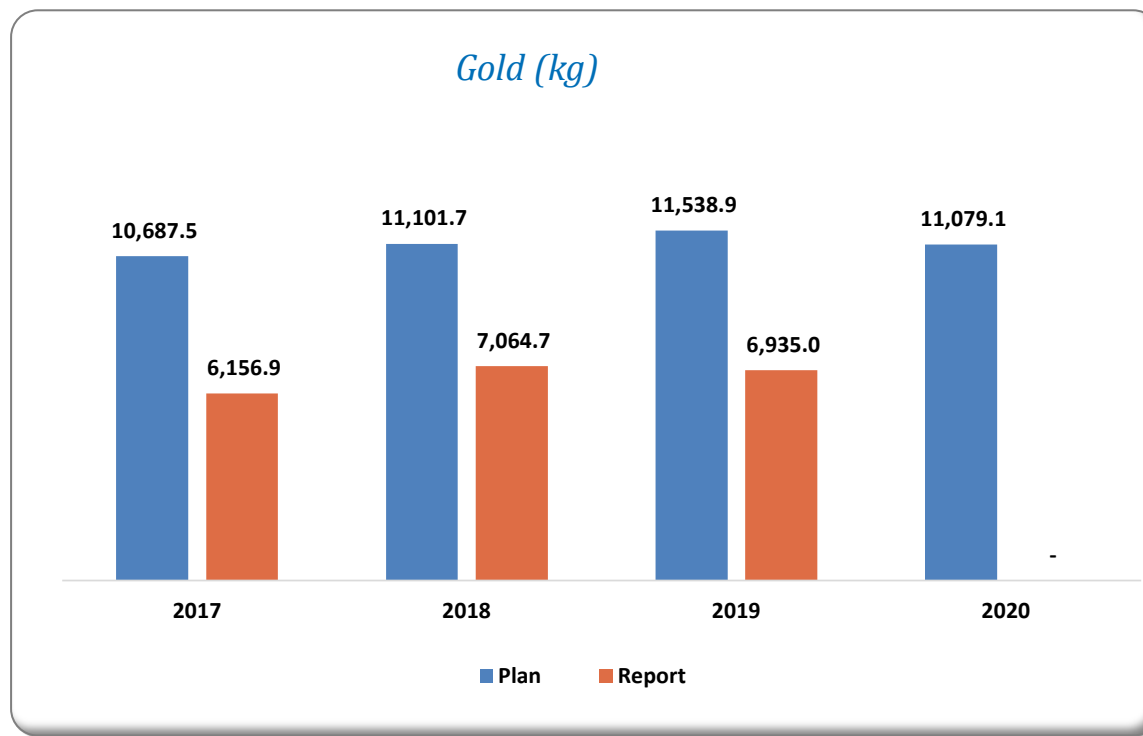
	Deposit	Resource		
		Unit	Ore	Metal
Gold (rock)		ths.t/kg	96,104.4	80,870.2
Silver		t		284.0
Blue lead	11	ths.t		40.7
Zinc		ths.t		65.9
Copper		ths.t		30.6
Gold (placer)	24	kg	3,252.7	2,920.4
Copper		ths.tn	145,205.9	377,904.8
Gold	2	kg		11,483.8
Iron		ths.t	20,925.6	
Iron	3	ths.t		10,053.0
Tungsten	1	t	129,649.0	2,199.0
Fluorspar	22	ths.t	5,581.3	2,357.1
Zinc				
Zinc		ths.t		49.7
Blue lead	1	ths.t		22.7
Silver		kg		61.2
Cadmium		ths.t		228.7
Uranium	1	ths.t	398,941.5	93.3
Coal	10	mln.t	572.0	
Limestone	2	ths.t	51,399.7	
Aggregate stone	16	ths.t	314,779.0	
Polishing stone	3	ths.m3		5,953.5
Graphite	2	ths.t	124,080.3	6,234.4
Gypsum	2	ths.t	2,719.5	
Mud	4	ths.m3	3,449.3	
Sand gravel	7	ths.m3	4,943.3	
Sand	7	ths.m3	5,088.3	
Zeolite	1	ths.t		5,884.1

Source: Geology and Exploration Division, MRPAM

## 3.1. MINERAL MINING ACTIVITY PLAN AND REPORT OFFICIAL STATUS, 2016-2021, (2021.I.14)



## 3.2. MINERAL PRODUCTION, by mineral type, 2017-2020, (2021.I.14)



Source: Mining Production and Technology Division, MRPAM

## 3.3. MINERAL PRODUCTION, by mineral type, 2018-2020 (2021.I.14)

	Unit of measurement	2018		2019		2020
		Plan	Report	Plan	Report	Plan
Gold (Total)	kg	20,022.9	16,174.7	18,013.2	14,416.5	15,888.9
Gold (Amount of gold that accompanies the concentrate)	kg	8,921.1	9,110.0	6,474.3	7,615.5	4,809.8
Gold (Total amount of gold to be mined from hard rock and placer deposits)	kg	11,101.7	7,064.7	11,538.9	6,935.0	11,079.1
Gold (Amount of gold to be extracted from the hard rock)	kg	3,338.6	1,641.2	3,863.8	2,045.0	4,698.1
Gold (Amount of gold to be mined from placer deposits)	kg	7,763.1	5,423.6	7,675.1	4,890.1	6,381.0
Building materials						
Lime	ths.tons	304.9	47.6	114.7	55.6	245.6
Limestone	ths.tons	1,724.7	505.5	1,761.8	412.4	1,187.7
Clinker	ths.tons	0.0	0.0	14.0	0.0	814.0
Cement	ths.tons	2,051.8	1,077.9	1,706.7	1,706.7	869.2
Mineral powder	ths.tons	0.0	0.0	31.0	0.0	0.0
Crystal	ths.tons	55.8		61.8		61.8
Marble	ths.tons	5.0	3.2	231.6	3,080.4	252.9
Gypsum	ths.tons	392.0	47.7	243.2	107.1	166.6
Tungsten	tons	1,186.7	385.7	1,544.7	165.5	621.7
Copper	ths.tons	1,219.3	1,321.1	1,161.1	1,259.5	1,275.2
Copper (Cathode)	tons	10.8	12.1	10.0	9.7	10.0
Manganese	ths.tons	230.6	0.0	230.6	0.0	129.1
Molybdenum	ths.tons	4.9	5.5	4.8	5.3	4.7
Silver	kg	7,988.9	2,885.5	4,229.3	2,972.6	12,761.9
Silver concentrate	ths.tons	13.0	0.0	0.0	0.0	194.6
Silver (Amount of silver accompanying concentrate)	kg	56,292.9	66,234.5	68,472.5	76,891.6	65,000.1
Iron	ths.tons	15,127.8	8,134.6	14,193.0	8,242.0	15,220.5
Whole iron concentrate	ths.tons	4,800.3	2,990.7	5,176.6	1,372.8	5,087.5
Iron powder concentrate	ths.tons	7,562.9	3,924.5	7,201.8	1,168.0	6,769.2
Iron ore	ths.tons	2,764.6	1,185.2	1,814.6	2,226.9	3,260.9
Powdered iron ore	ths.tons	0.0	34.3	0.0	3,474.3	103.0
Uranium	tons	5.7	0.0	16.5	0.0	22.3
Fluorite	ths.tons	1,107.2	642.4	1,805.9	358.7	2,207.4
Fluorite concentrate AG-97	ths.tons	134.1	65.3	219.9	58.3	129.0
Fluorite concentrate AG-95	ths.tons	61.8	56.5	90.2	41.0	120.9
Gravitational fluorite МГФ 55-85	ths.tons	0.0	0.0	6.3		0.0
Whole fluorite MG-92	ths.tons	39.5	7.8	28.0	2.8	28.2
Whole fluorite MG-85	ths.tons	58.6	7.0	65.0	3.5	30.0
Whole fluorite MG-80	ths.tons	10.0	2.3	16.3	1.1	12.7
Whole fluorite MG-75	ths.tons	176.4	51.0	171.6	32.7	199.9
Whole fluorite MG-65	ths.tons	0.0	9.7	1.6	15.1	6.2
Fluorite ore ФР	ths.tons	626.8	442.7	1,207.0	204.3	1,680.4
Blue lead	ths.tons	23.6	22.5	19.5	29.6	16.4
Polishing stone	ths.tons	26.3	5.1	26.3	0.0	0.0
Tin	tons	98.6	17.1	71.7	26.4	0.0
Zinc	ths.tons	112.9	118.0	136.3	123.7	129.6
Zeolite	ths.tons	39.7	0.0	39.7	0.0	105.2

Source: Mining Production and Technology Division, MRPAM

## 3.4. REHABILITATION WORK BY MINING LICENSE HOLDERS, 2016-2019 (2020.X.31)

	Unit	2016	2017	2018	2019*
Area covered by mining	ha	7,230.3	10,531.7	7,837.9	7,078.9
Area covered by technical rehabilitation	ha	894.2	861.7	1,767.3	1,927.6
Of which: External stockpile	ha	295.8	232.1	1,018.4	1,198.2
Internal stockpile	ha	598.2	629.6	748.9	729.8
Area covered by biological rehabilitation	ha	936.7	997.6	790.5	704.8
Area of abusive protection rehabilitation	ha	6,358.3	12,898.1	17,459.3	19,144.3
Area of remodeling the mine and rehabilitation of the village	ha	42.6	55.6	62.3	57.1
Expenses for rehabilitation	bln.MNT	11.1	9.9	22.2	28.7
Environmental expenses	bln.MNT	5.6	8.7	10.8	15.8

## 3.5. AREA COVERED BY MINING AND REHABILITATION AREA IN 2019\*, by provinces (2020.X.31)

	Count of entities	Area covered by mining		Area covered by technical rehabilitation		Area covered by biological rehabilitation	
		Ha	Percent	Ha	Percent	Ha	Percent
		<b>TOTAL</b>	<b>261</b>	<b>7,078.9</b>	<b>100%</b>	<b>1,927.6</b>	<b>100%</b>
Arkhangai	2	2.0	0.0%	64.2	3.3%	19.8	2.8%
Bayankhongor	20	81.7	1.2%	45.2	2.3%	13.4	1.9%
Bulgan	8	62.7	0.9%	70.9	3.7%	43.1	6.1%
Bulgan, Selenge	1	4.7	0.1%	10.5	0.5%	6.9	1.0%
Bulgan, Tuv	5	95.4	1.3%	145.7	7.6%	102.5	14.5%
Govi-Altai	4	10.9	0.2%	2.9	0.1%	3.6	0.5%
Govisumber	3	2.0	0.0%	5.0	0.3%	5.0	0.7%
Darkhan Uul	10	24.2	0.3%	27.6	1.4%	13.5	1.9%
Dornogovi	28	749.4	10.6%	46.7	2.4%	12.0	1.7%
Dornod	11	195.0	2.8%	19.2	1.0%	16.7	2.4%
Dundgovi	21	86.3	1.2%	4.9	0.3%	3.7	0.5%
Zavkhan	2	3.7	0.1%	8.7	0.4%	16.5	2.3%
Orkhon	2	52.4	0.7%	2.0	0.1%	4.0	0.6%
Uvurkhangai	5	79.9	1.1%	71.6	3.7%	13.1	1.9%
Umnugovi	23	3,010.3	42.5%	993.9	51.6%	61.0	8.7%
Sukhbaatar	12	69.5	1.0%	10.1	0.5%	6.8	1.0%
Selenge	19	260.3	3.7%	85.0	4.4%	55.0	7.8%
Tuv	49	1,956.0	27.6%	284.5	14.8%	253.7	36.0%
Uvs	7	37.1	0.5%	0.3	0.0%	0.1	0.0%
Khovd	9	253.7	3.6%	0.0	0.0%	41.0	5.8%
Khentii	20	41.7	0.6%	28.7	1.5%	13.3	1.9%

\*Based on data from the 2019 Mining Report for Minerals Other than Common Minerals.

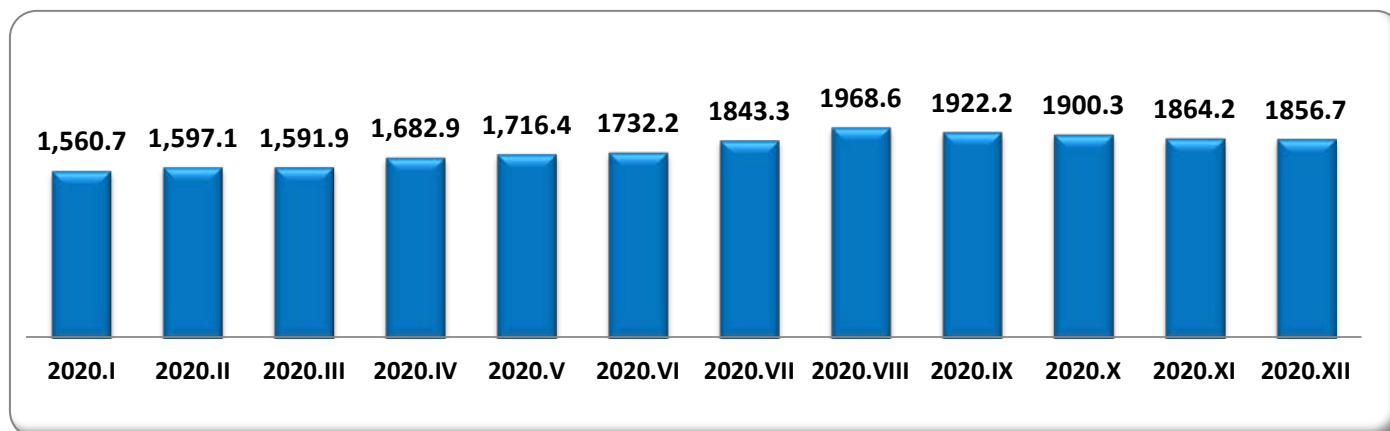
Source: Mining Production and Technology Division, MRPAM



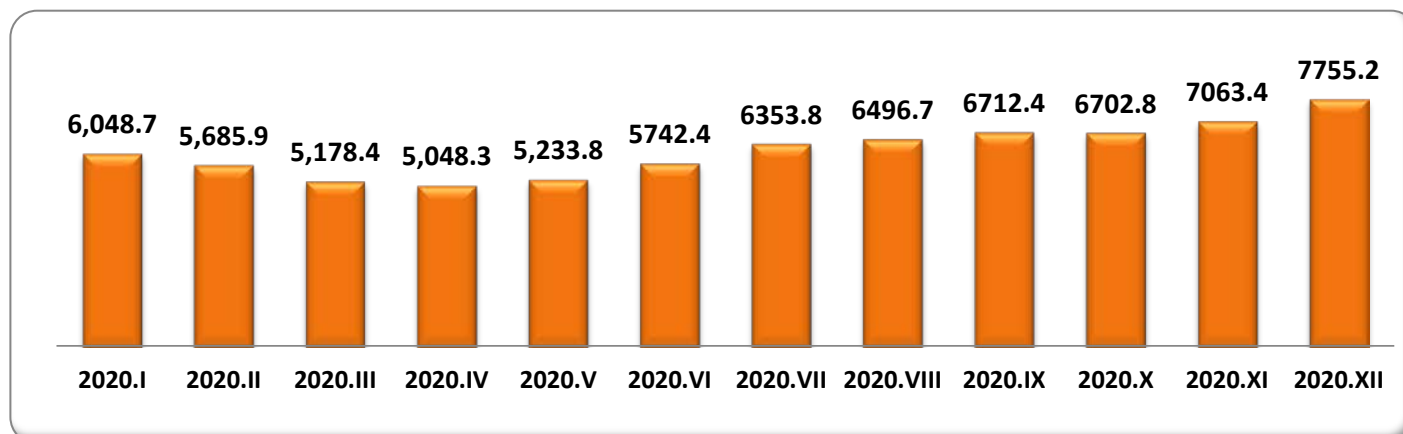
3.6. AVERAGE OF MINERAL PRICES ON THE WORLD MARKET, by 2019-2020

	Unit of measurement	2019	2019.XII	2020.XI	2020.XII	$\frac{2020.XII}{2019.XII}$	$\frac{2020.XII}{2020.XI}$
Gold	\$/ounce	1,392.2	1,476.0	1,864.2	1,856.7	125.8%	99.6%
Silver	\$/ounce	16.2	17.1	24.1	24.8	144.9%	102.8%
Copper	\$/tons	6,004.6	6,062.1	7,063.4	7,755.2	127.9%	109.8%
Zinc	\$/tons	2,548.6	2,273.4	2,669.7	2,782.4	122.4%	104.2%
Blue lead	\$/tons	1,993.7	1,898.7	1,914.5	2,018.6	106.3%	105.4%
Tin	\$/tons	18,660.5	17,082.5	18,567.9	19,727.3	115.5%	106.2%
Molybdenum	\$/tons	23,755.9	20,296.8	20,002.2	20,569.1	101.3%	102.8%
Manganese 36%	\$/tons	233.4	178.8	170.9	173.0	96.8%	101.3%
Tungsten, 99%	\$/tons	33,953.3	32,830.0	30,190.0	31,000.0	94.4%	102.7%
Tungsten, 65%	\$/tons	12,787.3	12,193.5	12,668.0	13,101.2	107.4%	103.4%
Iron ore 56%	\$/tons	67.2	67.0	96.6	126.7	189.2%	131.1%
Iron ore 60% concentrate	\$/tons	82.7	79.0	112.7	143.3	181.5%	127.2%
Fluorite concentrate AG-97	\$/tons	448.3	415.0	355.0	355.0	85.5%	100.0%
Fluorite ore MG-85	\$/tons	320.2	300.0	300.0	300.0	100.0%	100.0%
Uranium	\$/kg	56.5	55.0	65.4	66.6	121.1%	101.8%

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

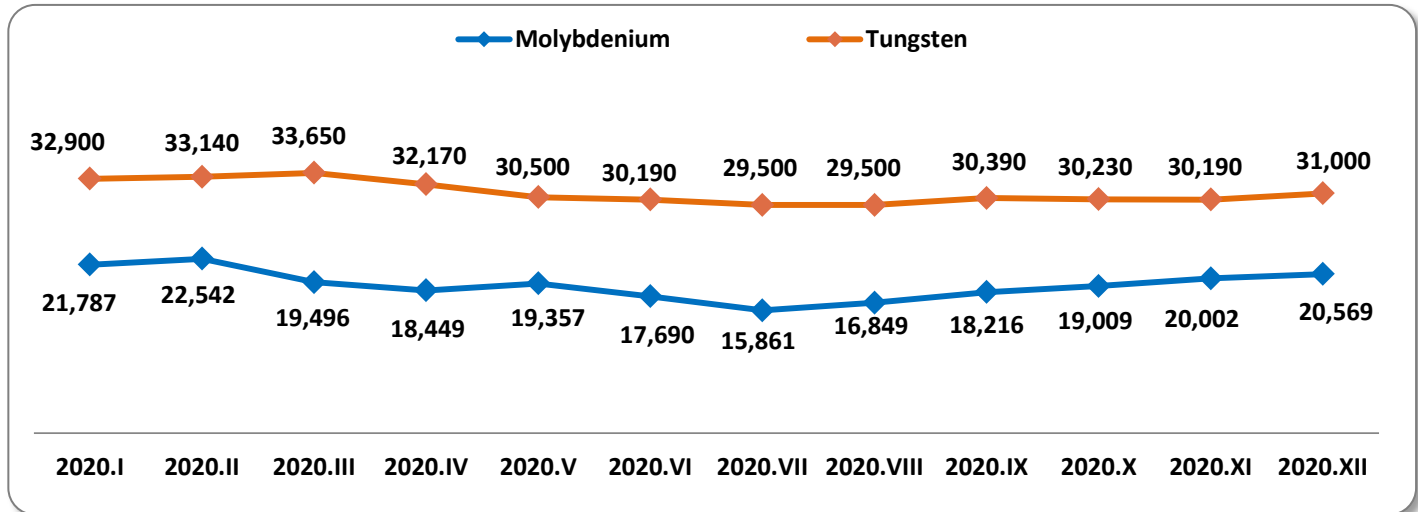


3.8. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, by US\$/tons and last 12 months

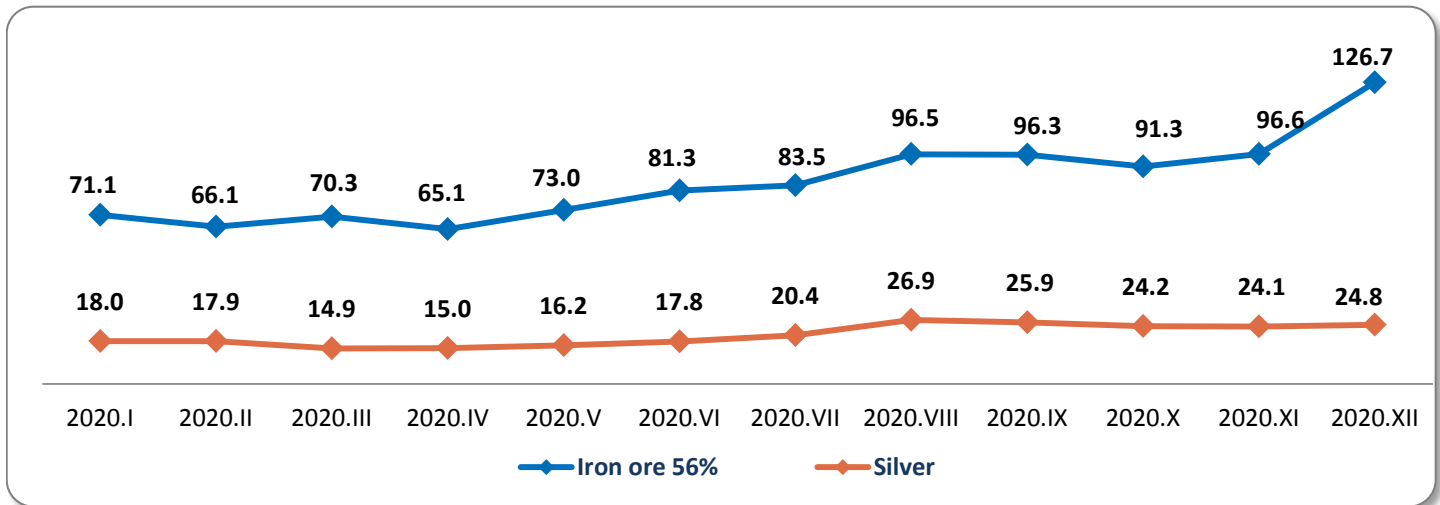


Source: [www.kitco.com](http://www.kitco.com), [www.westmetall.com](http://www.westmetall.com), [www.lme.com](http://www.lme.com), [www.asianmetal.com](http://www.asianmetal.com), [www.lndmin.com](http://www.lndmin.com), [www.umetal.com](http://www.umetal.com), [www.sxcoal.com](http://www.sxcoal.com)

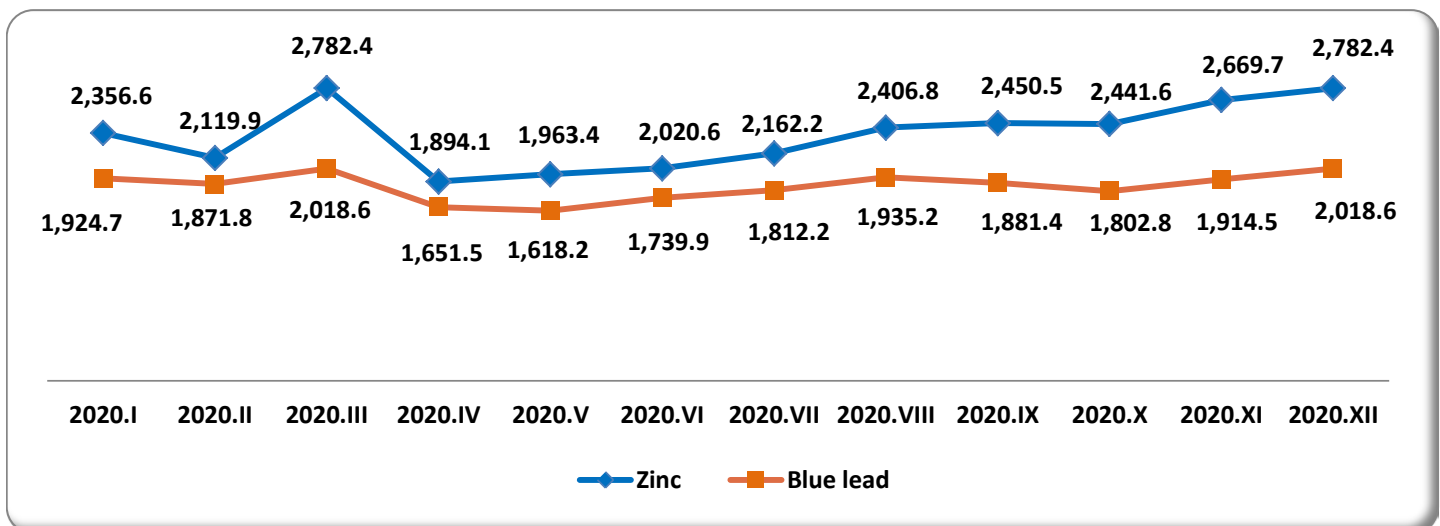
3.9. AVERAGE PRICE OF TIN, MOLYBDENIUM AND TUNGSTEN ON THE WORLD MARKET, by US\$/tons and last 12 months



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



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



Source: www.kitco.com, www.westmetall.com, www.lme.com, www.asianmetal.com, www.lndmin.com, www.umetal.com, www.sxcoal.com

3.12. LIST OF COMPANIES REGISTERED WITH INTERNATIONAL STOCK EXCHANGE COMPANIES OPERATING IN MONGOLIA'S MINING SECTOR, by 2019-2020

	Stock exchange	Symbol	Currency	Average price						Market value /2021.I. 06/
				2019	2019.XII	2020.XI	2020.XII	<u>2020.XII</u> 2019.XII	<u>2020.XII</u> 2020.XI	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	1.036	0.639	9.23	11.91	1864%	129.0%	2.71B
Peabody Energy Corporation	NYQ	BTU	USD	22.07	9.476	1.21	1.86	19.6%	153.7%	335.45M
Rio Tinto plc	LSE	RIO.L	GBp	4,342.7	4,372.2	4,736.8	5,493.8	125.7%	116.0%	71.92B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	0.121	0.078	0.86	1.01	1295%	117.4%	208.82M
Mongolian Mining Corporation	HKG	0975.HK	HKD	0.412	0.695	0.49	1.14	164.0%	232.7%	1.30B
South Gobi Resources Ltd.	HKG	1878.HK	HKD	0.949	0.858	-	-	-	-	136.35M
Centerra Gold Inc.	TOR	CG.TO	CAD	9.131	10.086	12.37	14.160	140.4%	114.5%	4.45B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.207	0.175	0.43	0.39	222.9%	90.7%	115.04M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.407	0.39	0.47	0.52	133.3%	110.6%	115.27M
Silver Elephant Mining Corp.	TOR	ELEF.TO	CAD	-	-	0.43	0.42	-	97.7%	87.95M
Steppe Gold Ltd	TOR	STGO.TO	CAD	0.849	0.915	2.19	2.23	243.7%	101.8%	174.84M
Kincora Copper Limited	VAN	KCC.V	CAD	0.097	0.039	0.08	0.08	205.1%	100.0%	24.98M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.01	-	0.12	0.15	-	125.0%	12.74M
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.071	0.033	0.04	0.04	121.2%	100.0%	33.01M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.028	0.13	0.07	0.09	69.2%	128.6%	50.76M
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	-	0.15	0.16	-	106.7%	120.33M
Viking Mines Limited	ASX	VKA.AX	AUD	0.011	-	0.02	0.03	-	150.0%	19.32M
Banpu Public Company Limited	SET	BANPU.B K	THB	13.987	11.695	7.62	10.09	-	132.4%	57.85B
Petro Matad Limited	LSE	MATD.L	GBp	5.301	3.488	2.48	2.91	83.4%	117.3%	26.24M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	-	-	-	-	-	-	2.71B
Elixir Energy Limited	ASX	EXR.AX	AUD	-	-	0.13	0.11	-	84.6%	335.45M

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)

### 3.13. LIST OF COMPANIES REGISTERED WITH INTERNATIONAL STOCK EXCHANGE COMPANIES OPERATING IN MONGOLIA'S MINING SECTOR, by 2019-2020

	Symbol	Average price					
		2019	2019.XII	2020.XI	2020.XII	<u>2020.XII</u> 2019.XII	<u>2020.XII</u> 2020.XI
Tavantolgoi	TTL	6,772	6,525	5,850	6,080	93.2%	103.9%
Baganuur	BAN	1,146	972	1,086	1,032	106.2%	95.0%
Shivee-Ovoo	SHV	2,175	2,465	-	1,898	-	-
Aduunchuluun	ADL	1,615	1,331	918	978	73.5%	106.5%
Shariin Gol	SHG	1,542	1,136	857	838	73.8%	97.8%
Erdene Resource Development Corporation	ERDN	502	469	855	847	180.6%	99.1%
Mogoin gol	BDL	7,766	8,734	-	7,308	-	-
Bayanteeg	BTG	21,841	24,500	-	24,705	-	-
Berkh-Uul	BEU	574	-	-	600	-	-
Khar Tarvagatai	TVT	7,080	-	4,766	4,375	-	-
Taliin Gal	TAL	-	-	-	-	-	-
Mongol Basalt	MBW	277	259	186	183	70.7%	98.4%
Mongol Ceramic	KEK	18,587	-	-	-	-	-
Silikat	SIL	76	69	-	-	-	-
Songolon barmat	SSG	-	-	-	-	-	-
Remicon	RMC	28	29	25	24	82.8%	96.0%
Arig Tal	EER	3,420	3,271	2,800	2,842	86.9%	101.5%
Niislel-Urguu	NUR	5,377	-	1,900	-	-	-
Erchim Bayan-Ulgii	BOE	749	-	-	-	-	-
Khukh Gan	HGN	75	83	61	65	78.3%	106.6%
Nako Tulsh	NKT	82	43	27	24	-	-

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

# 4 | COAL

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

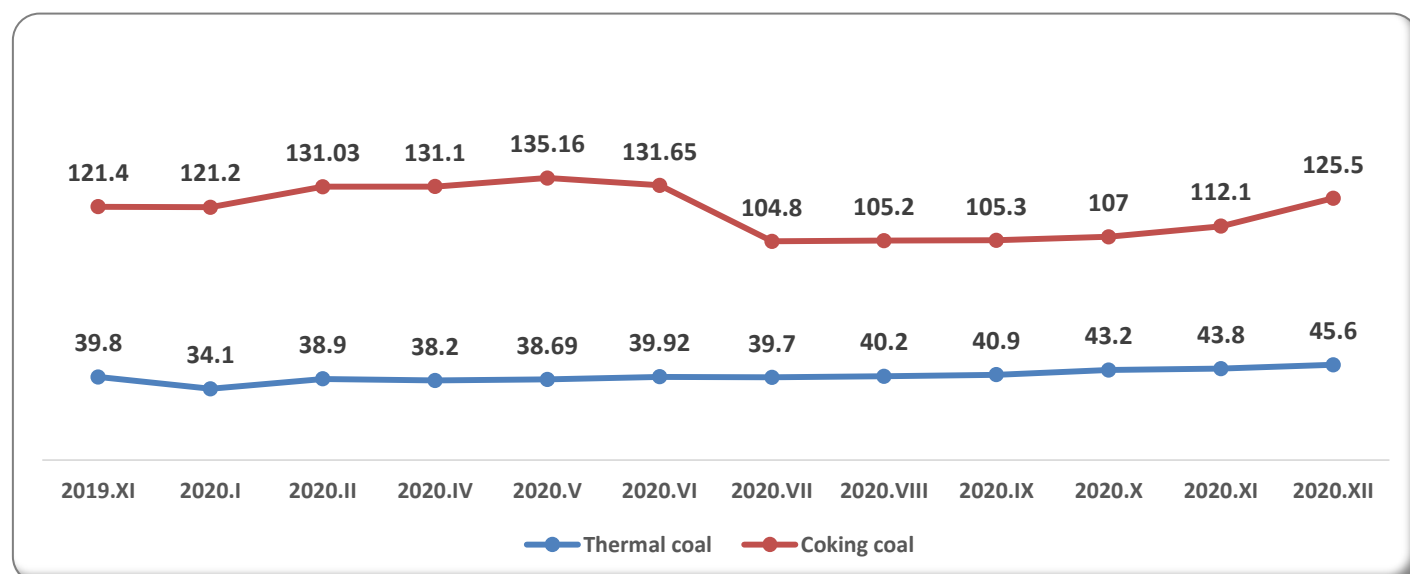
	Striping /ths.m3/	Coal production /ths.tons/	Coal sale /ths.tons/	Coal export /ths.tons/
2015	92,975.0	23,979.0	22,125.0	14,468.0
2016	102,374.3	35,096.5	33,831.7	25,809.3
2017	197,240.8	49,480.3	41,904.6	33,400.1
2018	244,861.2	54,572.3	45,741.9	36,671.4
2019	292,181.7	57,128.8	47,047.8	36,809.1
2020	209,363.8	43,079.3	40,984.5	31,177.8

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

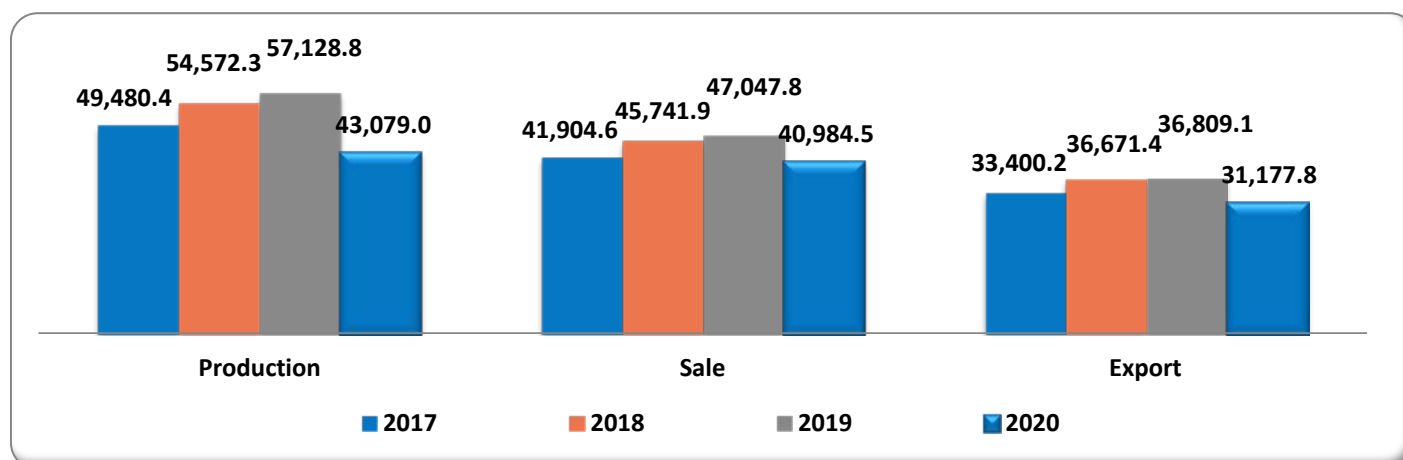
	TOTAL	Export	Local
<b>БҮГД</b>	<b>40,948.5</b>	<b>31,177.8</b>	<b>9,770.7</b>
Washed coking coal	4,957.6	4,957.6	0.0
Raw coking coal	14,409.3	14,409.3	0.0
Weak coking coal	9,184.4	9,184.4	0.0
Thermal coal	2,626.5	2,626.5	0.0
Brown coal	9,770.7	0.0	9,770.7

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 2019-2020

	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</b>	<b>43,079.0</b>	<b>40,984.5</b>	<b>31,177.8</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
2020.VIII	3,341.8	3,141.0	2,568.5
2020.IX	3,897.4	6,032.2	5,182.0
2020.X	6,060.9	6,670.8	5,373.2
2020.XI	6,657.7	5,670.8	4,503.2
2020.XII	6,768.3	5,335.7	4,135.5
<b>2020.XII</b> <b>2019.XII</b>	<b>228.4%</b>	<b>139.1%</b>	<b>167.4%</b>
<b>2020.I-XII</b> <b>2019.I-XII</b>	<b>75.4%</b>	<b>87.1%</b>	<b>84.7%</b>

Source: Coal Research Division, MRPAM

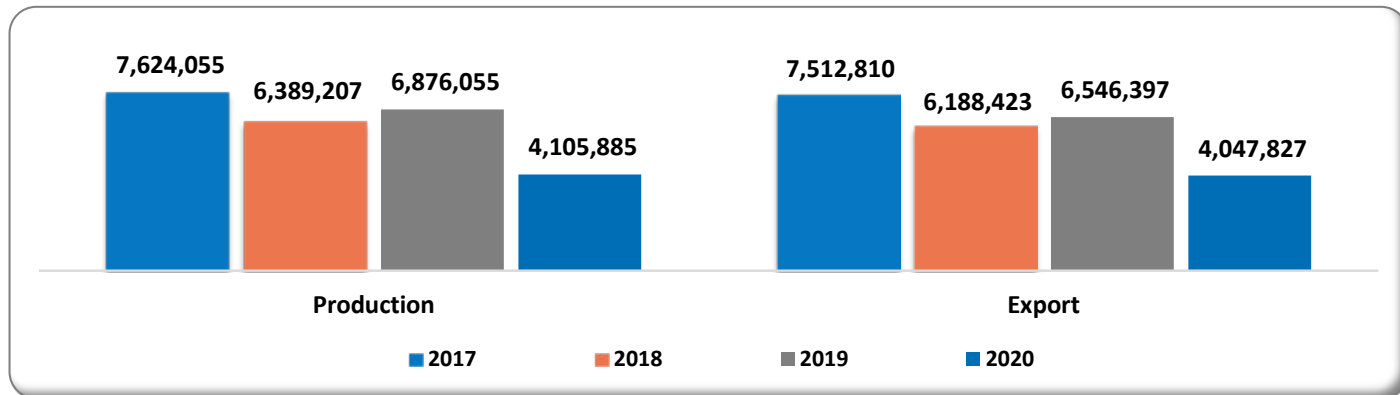
## 4.6. MINING AND PETROLEUM EXAMINATION AND TESTING CENTRAL LABORATORY, 2020.XII

Type of coal	Name	Classifica- tion	Border name	Deposite name	Total moisture	Ash	Volatile matter	Sulfur value	Calorific value	Free swelling index	Gelification index
					TM	Adb	Vdaf	St,db	Qnet,ar	FSI	GI
					Weight, %				Kcal/kg	Index	
Raw coal	Coal	Coking	Khangi	Ail bayan	2.1	12.6	27.2	0.9	7256.0	8.0	99.6
			Gashuun sukhait	Baruun zuun tsankhi	3.5	18.6	26.9	0.67	6755	8.0	85.6
				Tavan tolgoi 4th orifice	4.6	15.1	28.0	0.98	6947	7.5	82.5
		Weak coking	Gashuun sukhait	Таван толгой, 8-р ам	2.6	17.2	30.6	1.22	6158	5.5	61.1
			Shivee Khuren	Khuren shand	3.1	7.2	42.0	1.06	7200	6.0	82.4
		Nariin sukhait		4.3	11.6	36.9	0.77	6400	6.0	72.5	
		Non coking	Gashuun sukhait	Erchim khuch	3.2	22.0	28.6	1.19	5963	0.0	0.0
		Other	Zamiin - Uud	Dalan	5.3	15.4	45.4	0.88	5598	0.0	0.0
		Washed coal	Coal	Coking	Gashuun sukhait	Ukhaa Khudag	9.0	9.1	25.6	0.66	6809

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</b>	<b>4,105,885</b>	<b>100%</b>	<b>4,047,827</b>	<b>100%</b>
2020.I	375,848	9.2%	287,708	7.1%
2020.II	45,511	1.1%	-	-
2020.III	40,234	1.0%	34,584	0.9%
2020.IV	97,679	2.4%	165,747	4.1%
2020.V	210,549	5.1%	175,757	4.3%
2020.VI	258,256	6.3%	287,313	7.1%
2020.VII	352,651	8.6%	331,286	8.2%
2020.VIII	514,838	12.5%	548,383	13.5%
2020.IX	550,577	13.4%	548,850	13.6%
2020.X	571,504	13.9%	570,295	14.1%
2020.XI	545,036	13.3%	613,004	15.1%
2020.XII	543,201	13.2%	484,901	12.0%
<b>2020.XII</b>	<b>97.3%</b>	<b>-</b>	<b>88.7%</b>	<b>-</b>
<b>2020</b>	<b>59.7%</b>	<b>-</b>	<b>61.8%</b>	<b>-</b>

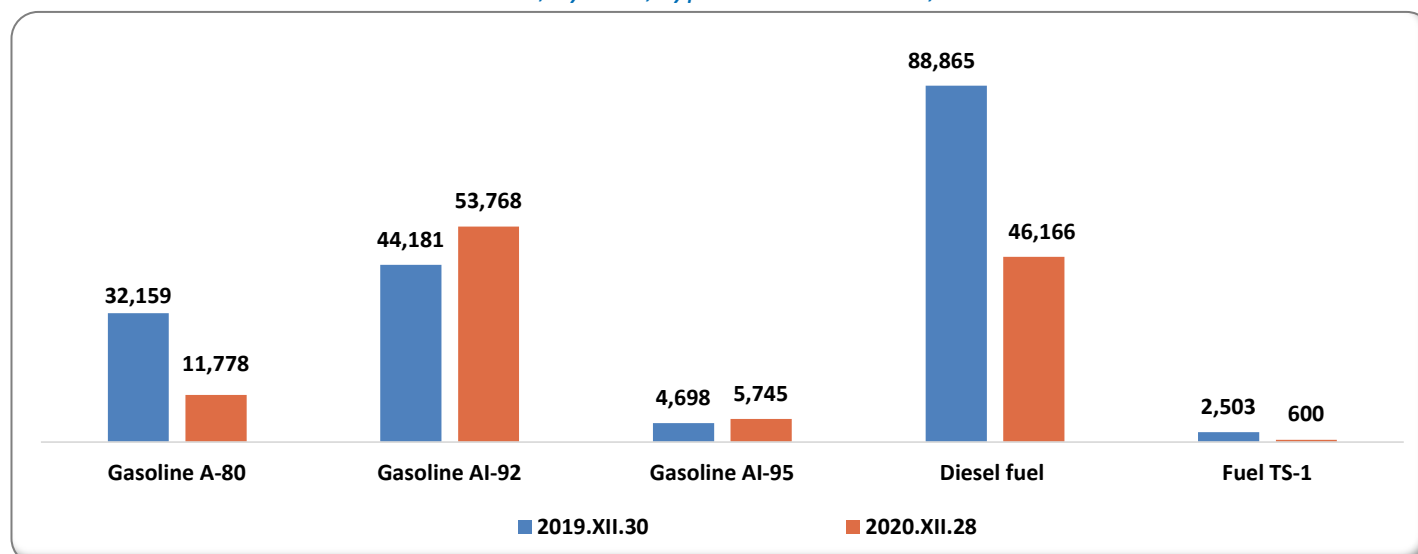
Source: Petroleum Exploitation Division, MRPAM



5.3. PETROLEUM PRODUCTS IMPORTING, by tons, type, months and 2018-2020

	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</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>
<b>2020</b>	<b>1,991,167</b>	<b>57,597</b>	<b>522,558</b>	<b>29,861</b>	<b>1,068</b>	<b>1,049,894</b>	<b>24,994</b>	<b>25,809</b>	<b>279,385</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
2020.VIII	180,550	6,574	47,000	2,164	122	104,611	1,616	4,419	14,044
2020.IX	141,031	3,638	32,803	6,036	100	75,900	2,365	5,713	14,475
2020.XI	156,935	5,459	39,905	608	243	81,378	3,813	173	25,356
2020.XII	228,630	3,505	69,808	4,478	61	115,869	209	3,054	31,647
<b>2020.XII</b> <b>2019.XII</b>	<b>89.0%</b>	<b>64.8%</b>	<b>55.9%</b>	<b>62.5%</b>	<b>182.3%</b>	<b>117.0%</b>	<b>74.6%</b>	<b>73.9%</b>	<b>77.9%</b>
<b>2020</b> <b>2019</b>	<b>99.4%</b>	<b>81.6%</b>	<b>111.5%</b>	<b>127.8%</b>	<b>89.7%</b>	<b>93.9%</b>	<b>53.6%</b>	<b>62.8%</b>	<b>119.4%</b>

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



Source: Petroleum Products Division, MRPAM

## 5.5. THE WORLD AVERAGE PRICE OF PETROLEUM PRODUCTS ARE SELLING RETAIL SALE, by US\$/tons and 2020

	New York / WTI		London / BRENT	
	Opening price	Closing price	Opening price	Closing price
2020-01-07	62.91	62.70	68.63	68.27
2020-01-14	58.03	58.23	64.29	64.49
2020-01-21	59.17	58.34	65.26	64.59
2020-01-28	52.77	53.48	59.03	59.51
2020-02-04	49.94	49.61	54.33	53.96
2020-02-11	49.61	49.94	53.62	54.01
2020-02-18	52.23	52.05	57.35	57.75
2020-02-21	51.37	49.90	56.46	54.95
2020-03-03	47.72	47.18	53.47	51.86
2020-03-10	30.37	34.36	35.84	37.22
2020-03-17	28.69	26.95	30.14	28.73
2020-03-24	23.87	24.01	27.72	27.15
2020-03-31	20.23	20.48	23.00	22.74
2020-04-07	26.34	23.63	33.66	31.87
2020-04-14	22.36	20.11	32.25	29.60
2020-04-21	-14.00	10.01	26.33	19.33
2020-04-28	12.96	12.34	19.90	20.46
2020-05-05	21.24	24.56	28.10	30.97
2020-05-12	24.49	25.78	30.07	29.98
2020-05-19	32.83	32.50	35.66	34.65
2020-05-26	33.30	34.35	35.66	36.17
2020-06-02	35.56	36.81	38.34	39.57
2020-06-09	38.22	38.94	41.10	41.18
2020-06-16	37.05	38.38	39.94	40.96
2020-06-23	0.00	40.37	43.21	42.63
2020-06-30	39.64	39.27	41.33	41.15
2020-07-07	40.68	40.62	43.13	43.08
2020-07-16	39.60	40.29	42.24	42.90
2020-07-21	40.65	41.96	43.17	44.32
2020-07-28	41.65	41.04	43.55	43.22
2020-08-04	40.78	41.70	43.84	44.43
2020-08-10	41.50	41.94	44.66	44.99
2020-08-17	42.24	42.89	44.86	45.37
2020-08-24	42.48	42.62	44.50	45.13
2020-08-31	42.90	42.61	45.80	45.28
2020-09-08	39.48	39.22	42.20	42.01
2020-09-14	37.32	37.26	39.78	39.61
2020-09-21	40.98	39.31	43.01	41.44
2020-09-29	40.07	40.60	41.98	42.43
2020-10-05	37.00	39.22	39.19	41.29
2020-10-12	40.40	39.43	42.60	41.72
2020-10-19	40.70	40.83	42.70	42.60
2020-10-26	39.15	38.56	41.53	40.46
2020-11-02	35.24	36.81	35.24	36.81
2020-11-09	37.34	40.30	37.34	40.30
2020-11-16	40.17	41.34	40.17	41.34
2020-11-23	42.46	43.06	42.46	43.06
2020-11-30	45.34	45.34	47.91	47.59
2020-12-07	45.64	46.26	49.06	48.64
2020-12-14	46.73	46.99	50.05	50.29
2020-12-21	48.54	47.74	51.38	50.84
2020-12-27	48.16	47.88	51.02	50.96
<b>2020.XII.27</b> <b>2020.XI.30</b>	<b>106.2%</b>	<b>105.6%</b>	<b>106.5%</b>	<b>107.1%</b>

Source: [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.XI.24, 2020.XII.28

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2020. XI.24	2020. XII.28	$\frac{2020.XII.28}{2020.XI.24}$	2020. XI.24	2020. XII.28	$\frac{2020.XII.28}{2020.XI.24}$	2020. XI.24	2020. XII.28	$\frac{2020.XII.28}{2020.XI.24}$	2020. XI.24	2020. XII.28	$\frac{2020.XII.28}{2020.XI.24}$
<b>NATIONAL AVERAGE PRICE</b>	<b>1,457</b>	<b>1,455</b>	<b>99.9%</b>	<b>1,536</b>	<b>1,534</b>	<b>99.9%</b>	<b>2,077</b>	<b>2,077</b>	<b>100.0%</b>	<b>1,983</b>	<b>1,976</b>	<b>99.7%</b>
<b>Western region</b>	<b>1,524</b>	<b>1,516</b>	<b>99.5%</b>	<b>1,620</b>	<b>1,612</b>	<b>99.5%</b>	-	-	-	<b>1,880</b>	<b>1,854</b>	<b>98.6%</b>
Bayan-Ulgii	1,450	1,450	100.0%	1,520	1,520	100.0%	-	-	-	1,600	1,600	100.0%
Govi-Altai	1,550	1,510	97.4%	1,600	1,560	97.5%	-	-	-	2,100	1,970	93.8%
Zavkhan	1,550	1,550	100.0%	1,700	1,700	100.0%	-	-	-	1,950	1,950	100.0%
Uvs	1,520	1,520	100.0%	1,630	1,630	100.0%	-	-	-	1,950	1,950	100.0%
Hovd	1,550	1,550	100.0%	1,650	1,650	100.0%	-	-	-	1,800	1,800	100.0%
<b>Hangai region</b>	<b>1,384</b>	<b>1,384</b>	<b>100.0%</b>	<b>1,460</b>	<b>1,460</b>	<b>100.0%</b>	<b>2,083</b>	<b>2,083</b>	<b>100.0%</b>	<b>1,989</b>	<b>1,989</b>	<b>100.0%</b>
Arkhangai	1,420	1,420	100.0%	1,500	1,500	100.0%	2,140	2,140	100.0%	2,100	2,100	100.0%
Bayankhongor	1,370	1,370	100.0%	1,500	1,500	100.0%	-	-	-	1,950	1,950	100.0%
Bulgan	1,360	1,360	100.0%	1,420	1,420	100.0%	2,050	2,050	100.0%	2,020	2,020	100.0%
Uvurkhangai	1,380	1,380	100.0%	1,400	1,400	100.0%	2,140	2,140	100.0%	1,900	1,900	100.0%
Orkhon	1,360	1,360	100.0%	1,420	1,420	100.0%	2,040	2,040	100.0%	1,960	1,960	100.0%
Selenge	1,400	1,400	100.0%	1,470	1,470	100.0%	2,030	2,030	100.0%	2,090	2,090	100.0%
Khuvsgul	1,400	1,400	100.0%	1,510	1,510	100.0%	2,100	2,100	100.0%	1,900	1,900	100.0%
<b>Central region</b>	<b>1,430</b>	<b>1,430</b>	<b>100.0%</b>	<b>1,502</b>	<b>1,502</b>	<b>100.0%</b>	<b>2,047</b>	<b>2,047</b>	<b>100.0%</b>	<b>2,038</b>	<b>2,038</b>	<b>100.0%</b>
Ulaanbaatar	1370- 1450	1370- 1450	100.0%	1400- 1470	1400- 1470	100.0%	2000- 2010	2000- 2010	100.0%	1800- 2100	2090- 2100	100.0%- 116.1%
Tuv	1,390	1,390	100.0%	1,430	1,430	100.0%	2,020	2,020	100.0%	1,900	1,900	100.0%
Darkhan	1,400	1,400	100.0%	1,470	1,470	100.0%	2,000	2,000	100.0%	1,960	1,960	100.0%
Govisumber	1,440	1,440	100.0%	1,510	1,510	100.0%	2,050	2,050	100.0%	1,990	1,990	100.0%
Dundgovi	1,480	1,480	100.0%	1,540	1,540	100.0%	2,060	2,060	100.0%	2,130	2,130	100.0%
Dornogovi	1,410	1,410	100.0%	1,530	1,530	100.0%	2,050	2,050	100.0%	2,100	2,100	100.0%
Umnugovi	1,460	1,460	100.0%	1,530	1,530	100.0%	2,100	2,100	100.0%	2,150	2,150	100.0%
Zamin Uud	1,490	1,490	100.0%	1,563	1,563	100.0%	2,100	2,100	100.0%	2,023	2,023	100.0%
<b>Eastern region</b>	<b>1,520</b>	<b>1,520</b>	<b>100.0%</b>	<b>1,560</b>	<b>1,560</b>	<b>100.0%</b>	<b>2,100</b>	<b>2,100</b>	<b>100.0%</b>	<b>2,000</b>	<b>2,000</b>	<b>100.0%</b>
Dornod	1,500	1,500	100.0%	1,600	1,600	100.0%	2,150	2,150	100.0%	2,220	2,220	100.0%
Sukhbaatar	1,450	1,450	100.0%	1,530	1,530	100.0%	2,050	2,050	100.0%	1,850	1,850	100.0%
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

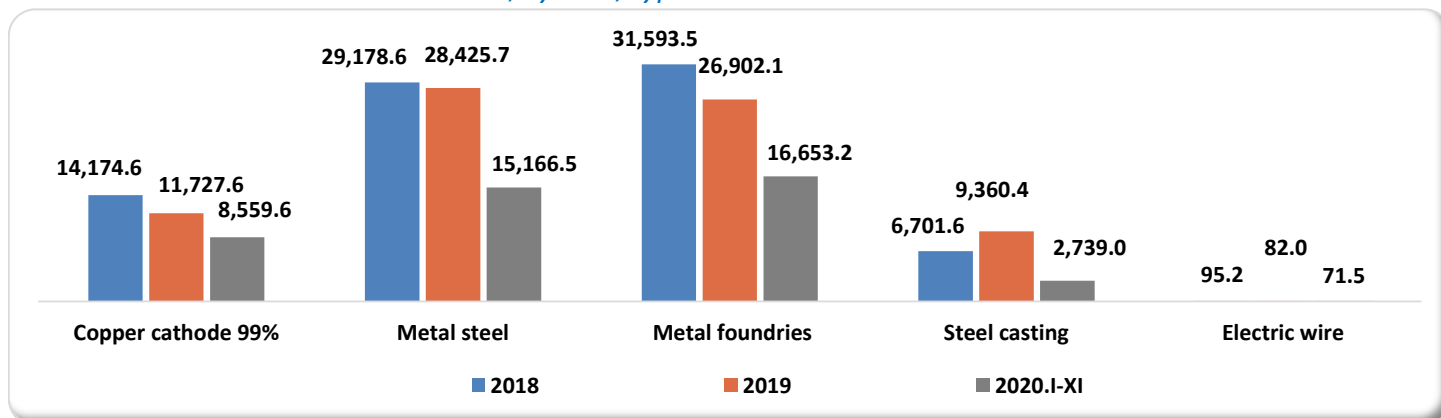
## 5.7.RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, by MNT/litre, type, and end of month 2018-2020

	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
2020.VIII.25	1507	1550	2078	2123
2020.IX.29	1467	1543	2079	1980
2020.X.27	1463	1545	2078	1985
2020.XI.24	1457	1536	2077	1983
2020.XII.28	1455	1534	2077	1976
<b>2020.XII.28</b>	<b>99.9%</b>	<b>99.9%</b>	<b>100.0%</b>	<b>99.7%</b>
<b>2020.XI.24</b>				
<b>2020.XII.28</b>	<b>78.8%</b>	<b>79.7%</b>	<b>91.9%</b>	<b>78.3%</b>
<b>2019.XII.30</b>				
<b>2020.XII.28</b>	<b>77.4%</b>	<b>79.7%</b>	<b>89.6%</b>	<b>80.7%</b>
<b>2018.XII.31</b>				

Source: Petroleum Products Division, MRPAM

# 6 | HEAVY INDUSTRY

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

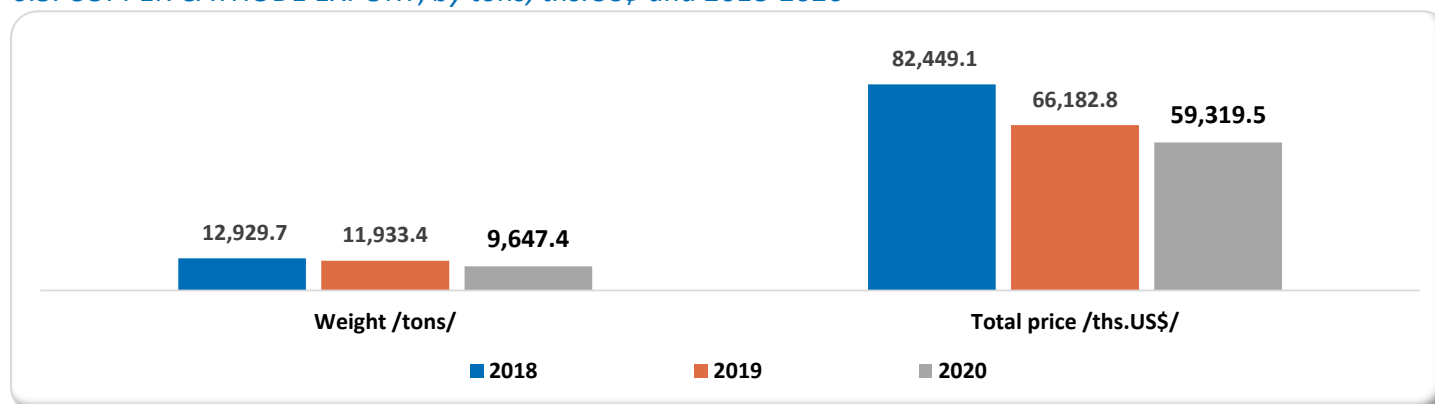


## 6.2. HEAVY INDUSTRIAL PRODUCTION, by tons, type and months 2019-2020

	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-XI</b>	<b>8,559.6</b>	<b>15,166.5</b>	<b>16,653.2</b>	<b>2,739.0</b>	<b>71.5</b>
2020.I	903.9	2,458.4	3,679.0	722.3	0.4
2020.II	817.3	2,158.4	3,390.8	-	8.3
2020.III	727.0	41.7	-	462.9	8.7
2020.IV	741.8	3,224.4	-	726.3	8.4
2020.V	793.3	89.9	3,702.4	825.3	3.7
2020.VI	693.2	3,249.4	-	0.7	10.6
2020.VII	818.6	73.1	-	-	3.6
2020.VIII	684.2	72.1	-	0.4	10.8
2020.IX	694.6	3,621.8	2,372.0	0.4	8.6
2020.X	871.0	168.6	3,509.0	0.4	7.0
2020.XI	814.7	8.7	-	0.3	1.4
<b>2020.XI</b>	<b>89.3%</b>	<b>0.4%</b>	<b>-</b>	<b>0.0%</b>	<b>29.8%</b>
<b>2019.XI</b>					
<b>2020.I-XI</b>	<b>79.3%</b>	<b>58.3%</b>	<b>70.6%</b>	<b>32.1%</b>	<b>88.1%</b>
<b>2019.I-XI</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</b>	<b>9,647.4</b>	<b>100%</b>	<b>59,319.5</b>	<b>100%</b>
2020.I	960.7	10.0%	5,710.3	9.6%
2020.II	1,161.0	12.0%	6,408.3	10.8%
2020.III	960.9	10.0%	5,179.7	8.7%
2020.IV	720.5	7.5%	3,466.4	5.8%
2020.V	760.5	7.9%	3,774.4	6.4%
2020.VI	1,160.8	12.0%	6,225.3	10.5%
2020.VII	159.8	1.7%	910.3	1.5%
2020.VIII	120.0	1.2%	757.0	1.3%
2020.IX	159.9	1.7%	1,031.8	1.7%
2020.X	159.9	1.7%	1,066.1	1.8%
2020.XI	-	-	-	-
2020.XII	3,323.4	34.4%	24,790.0	41.8%
<b>2020.XII</b>	<b>169.3%</b>	<b>-</b>	<b>218.1%</b>	<b>-</b>
<b>2020</b>	<b>112.1%</b>	<b>-</b>	<b>89.6%</b>	<b>-</b>

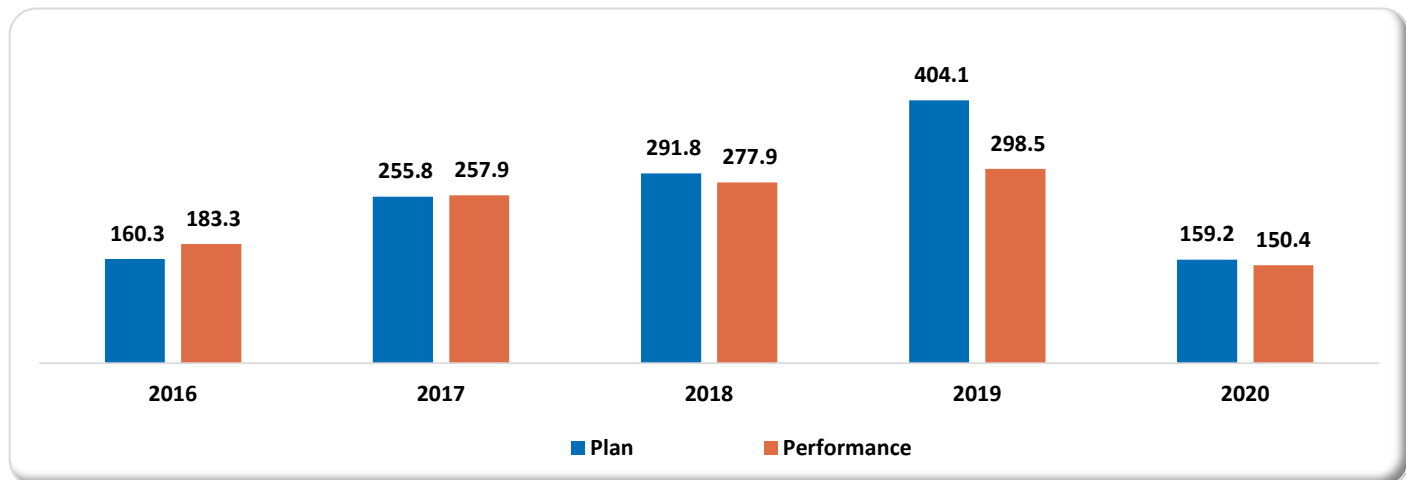
Source: Heavy Industry and Technology Division, MRPAM

# 7 | STATE BUDGET REVENUE

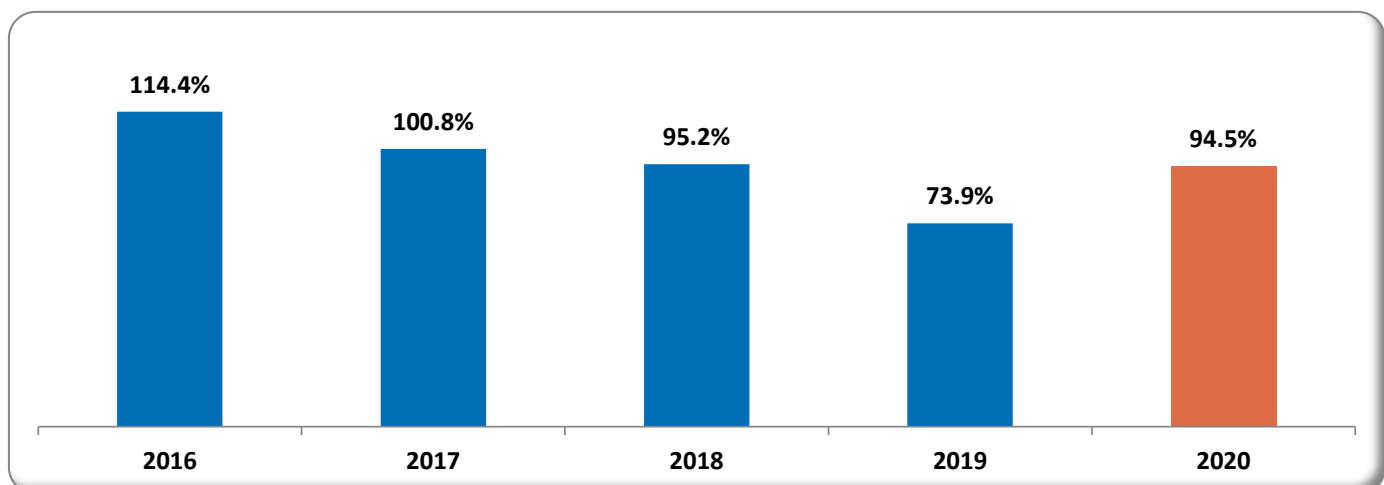
## 7.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, by million.MNT, income type and 2020

	Plan of 2020	2020	
		Performance	Performance rate
<b>TOTAL</b>	<b>159,200.0</b>	<b>150,412.9</b>	<b>94.5%</b>
License fee	30,000.0	32,715.4	109.1%
Reimbursement	6,600.0	7,721.8	117.0%
Petroleum export revenue	110,000.0	102,757.3	93.4%
Service revenue (petroleum)	1,711.8	1,425.7	83.3%
Service revenue (mineral resources)	1,888.2	1,506.0	79.8%
Tender revenue	9,000.0	4,286.6	47.6%

## 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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