



IMPLEMENTING AGENCY OF MONGOLIAN GOVERNMENT
MINERAL RESOURCES AND PETROLEUM AUTHORITY



MINERAL RESOURCES AND PETROLEUM STATISTICS

2020/03



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 |

Valid mining and exploration licenses **2,754** (2020.III.31)

Valid licensed area size **7.2** mln.ha (2020.III.31)

Percent of total licensed area in Mongolia's territory **4.7%** (2020.III.31)

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

Average price of gold on the world market **1,591.9** US\$/ounce (2020.III)

Average price of copper on the world market **5,178.4** US\$/tons (2020.III)

Average price of thermal coal on the world market **38.9** US\$/tons (2020.II)

Average price of coking coal on the world market **131.0** US\$/tons (2020.II)

Coal production **7,458.8** ths.tons (2020.I-III)

Coal sale **5,518.4** ths.tons (2020.I-III)

Coal export **3,095.2** ths.tons (2020.I-III)

Petroleum production **461,567** barrel (2020.I-III)

Petroleum export **321,798** barrel (2020.I-III)

Petroleum import **408,421** tons (2020.I-III)

Average price of gasoline A-80 **1,785** MNT (2020.III.31)

Average price of gasoline AI-92 **1,863** MNT (2020.III.31)

Average price of gasoline AI-95 **2,196** MNT (2020.III.31)

Average price of diesel fuel **2,515** MNT (2020.III.31)

Copper cathode 99% production **1,721.2** tons (2020.I-II)

Metal steel production **4,789.1** tons (2020.I-II)

Metal foundries production **7,069.8** tons (2020.I-II)

Steel casting production **722.3** tons (2020.I-II)

Electric wire production **6.7** tons (2020.I-II)

Copper cathode export **1,160.1** tons (2020.I-II)

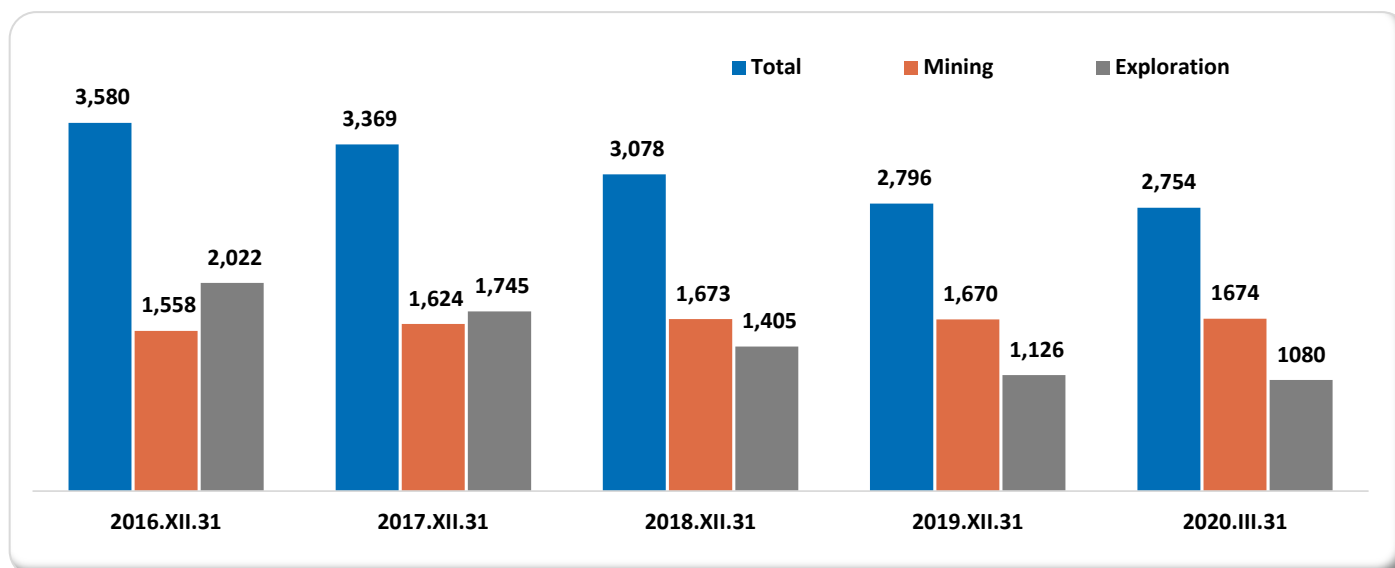
Budget revenue of MRPAM **28,709.1** mln.MNT (2020.I-III)

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

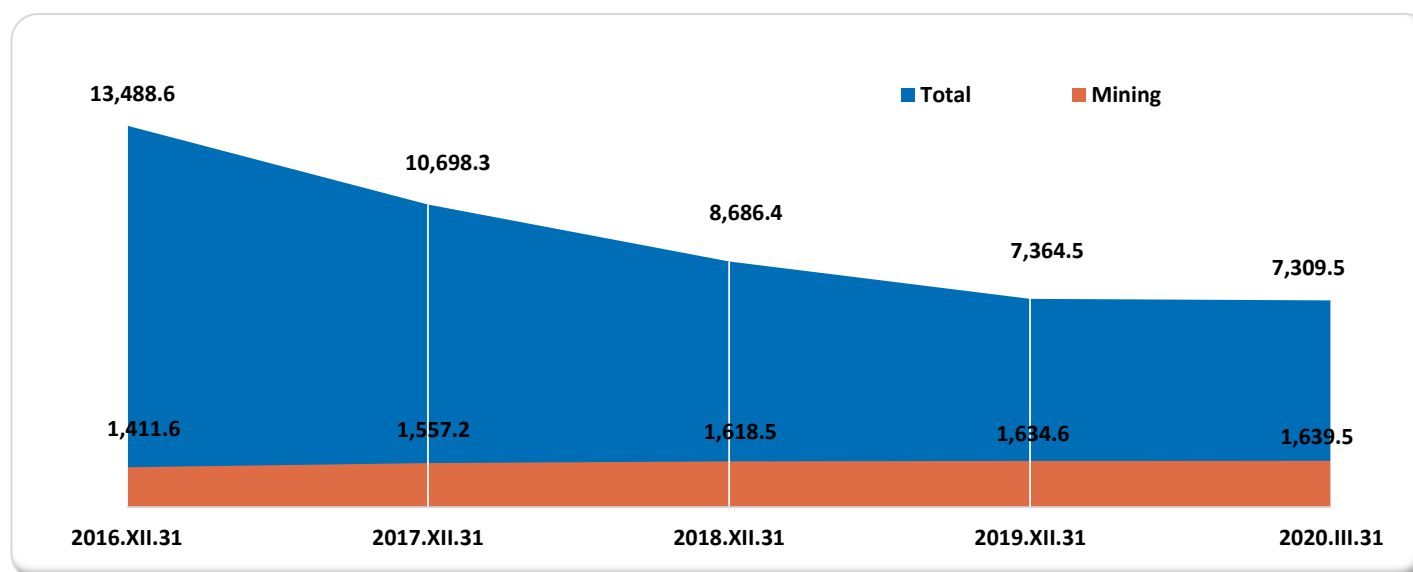
| | TOTAL | | | Of which: | | | | | |
|--------------|-------------------|--------------------|----------------------------|-------------------|--------------------|----------------------------|-------------------|--------------------|----------------------------|
| | Count of Licenses | Area size /ths.ha/ | 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 |
| TOTAL | 2,754 | 7,158.0 | 4.7% | 1,674 | 1,649.8 | 1.0% | 1,080 | 5,508.2 | 3.7% |
| Arkhangai | 21 | 60.6 | 1.1% | 15 | 6.2 | 0.1% | 6 | 54.4 | 1.0% |
| Bayan-Ulgii | 59 | 177.7 | 3.9% | 28 | 15.4 | 0.3% | 31 | 162.4 | 3.5% |
| Bayankhongor | 141 | 352.2 | 3.0% | 88 | 125.7 | 1.1% | 53 | 226.5 | 2.0% |
| Bulgan | 107 | 128.0 | 2.6% | 74 | 35.7 | 0.7% | 33 | 92.3 | 1.9% |
| Uvurkhangai | 48 | 136.0 | 2.2% | 28 | 15.7 | 0.2% | 20 | 120.4 | 1.9% |
| Govi-Altai | 149 | 669.6 | 4.7% | 52 | 82.3 | 0.6% | 97 | 587.3 | 4.1% |
| Govisumber | 18 | 45.6 | 8.2% | 13 | 38.9 | 7.0% | 5 | 6.7 | 1.2% |
| Darkhan Uul | 68 | 12.7 | 3.9% | 62 | 7.6 | 2.3% | 6 | 5.1 | 1.6% |
| Dornogovi | 339 | 1,252.5 | 11.5% | 188 | 235.8 | 2.2% | 151 | 1,016.7 | 9.3% |
| Dornod | 153 | 505.7 | 4.1% | 73 | 63.0 | 0.5% | 80 | 442.7 | 3.6% |
| Dundgovi | 201 | 693.9 | 9.3% | 107 | 182.7 | 2.4% | 94 | 511.2 | 6.8% |
| Zavhan | 52 | 248.2 | 3.0% | 9 | 14.1 | 0.2% | 43 | 234.2 | 2.8% |
| Umnugovi | 173 | 1,084.4 | 6.6% | 93 | 448.4 | 2.7% | 80 | 636.0 | 3.9% |
| Orkhon | 9 | 11.1 | 13.2% | 9 | 11.1 | 13.2% | 0 | 0.0 | 0.0% |
| Sukhbaatar | 94 | 294.2 | 3.6% | 67 | 59.8 | 0.7% | 27 | 234.4 | 2.8% |
| Selenge | 178 | 97.1 | 2.3% | 139 | 42.8 | 1.0% | 39 | 54.3 | 1.3% |
| Tuv | 395 | 356.1 | 4.8% | 302 | 153.9 | 2.1% | 93 | 202.2 | 2.7% |
| Uvs | 128 | 421.6 | 6.1% | 48 | 21.0 | 0.3% | 80 | 400.6 | 5.8% |
| Ulaanbaatar | 171 | 14.6 | 3.1% | 160 | 13.3 | 2.8% | 11 | 1.3 | 0.3% |
| Khuvsgul | 26 | 17.0 | 0.2% | 21 | 10.3 | 0.1% | 5 | 6.7 | 0.1% |
| Khovd | 99 | 249.4 | 3.3% | 35 | 14.0 | 0.2% | 64 | 235.4 | 3.1% |
| Khentii | 216 | 329.8 | 4.1% | 121 | 52.2 | 0.6% | 95 | 277.6 | 3.4% |

Source: Cadastre Division, MRPAM

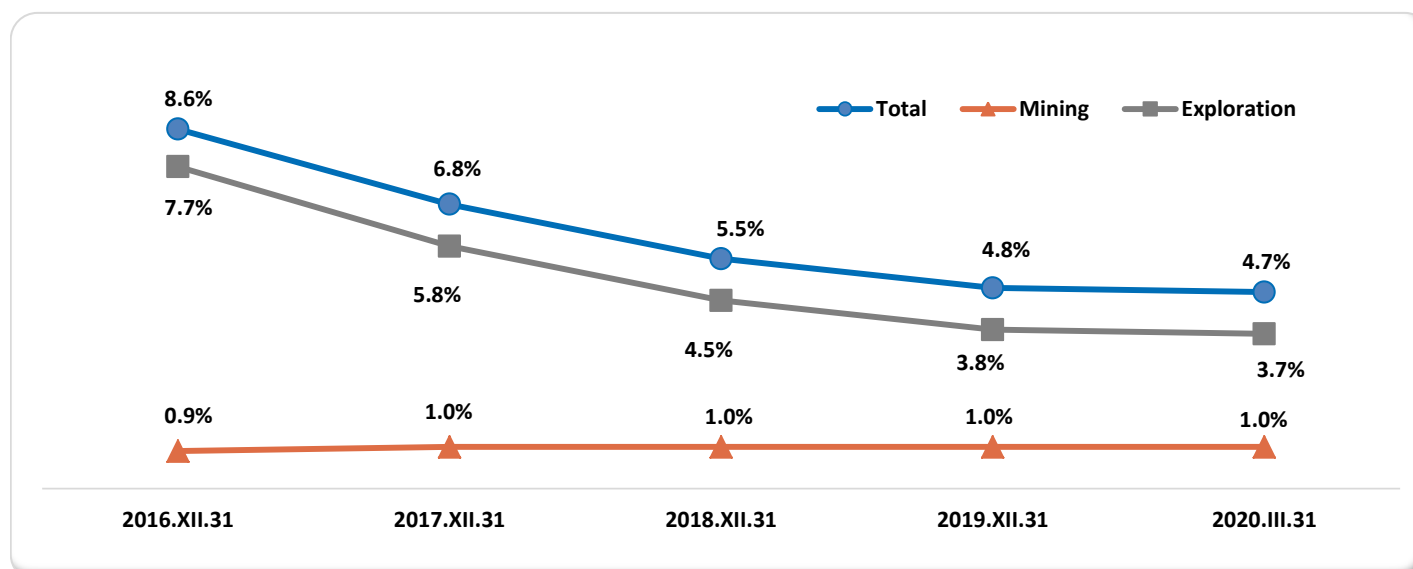
1.2. COUNT OF TOTAL VALID LICENSES, by 2016-2020



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.III.31

| | Mining license | | Area size | |
|------------------------------|----------------|-------------|--------------------|-------------|
| | Count | Percent | Hectare | Percent |
| TOTAL | 1674 | 100% | 1,649,781.4 | 100% |
| Gold (placer) | 437 | 26.1% | 152,239.9 | 9.2% |
| Coal | 299 | 17.9% | 794,154.0 | 48.1% |
| Fluorite | 191 | 11.4% | 30,271.6 | 1.8% |
| Gold (placer) | 92 | 5.5% | 89,840.1 | 5.4% |
| limestone | 77 | 4.6% | 43,868.4 | 2.7% |
| Iron | 70 | 4.2% | 41,721.9 | 2.5% |
| Common mineral, sand, gravel | 70 | 4.2% | 3,685.1 | 0.2% |
| Common mineral, mud | 52 | 3.1% | 2,781.3 | 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 | 22 | 1.3% | 6,016.5 | 0.4% |
| Copper | 16 | 1.0% | 80,534.3 | 4.9% |
| Gold (placer), copper | 14 | 0.8% | 86,764.3 | 5.3% |
| Tin | 13 | 0.8% | 6,610.7 | 0.4% |
| Earth rare metal | 9 | 0.5% | 7,435.4 | 0.5% |
| 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 | 4.7% |
| Molybdenum | 7 | 0.4% | 8,922.5 | 0.5% |
| Marble | 7 | 0.4% | 2,020.0 | 0.1% |
| Graphite | 6 | 0.4% | 19,836.7 | 1.2% |
| 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 | 118 | 7.0% | 96,679.9 | 5.9% |

Source: Cadastre Division, MRPAM

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

| | Hectare | Percent of total territory |
|---|---------|----------------------------|
| Valid mining licensed area | 1.6 | 1.0% |
| Valid exploration licensed area | 5.6 | 3.7% |
| State protected area | 32.9 | 21.0% |
| Special purpose area | 32.0 | 20.5% |
| 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.III.31

| | Count of area | | Area size | |
|--------------|---------------|-------------|----------------|-------------|
| | Count | Percent | Hectare | Percent |
| TOTAL | 272 | 100% | 1,113.4 | 100% |
| Arkhangai | 1 | 0.4% | 4.8 | 0.4% |
| Bayan-Ulgii | 2 | 0.7% | 53.7 | 4.8% |
| Bayankhongor | 57 | 21.0% | 152.3 | 13.7% |
| Bulgan | 29 | 10.7% | 126.4 | 11.3% |
| 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 | 9.4% |
| Uvurkhangai | 20 | 7.4% | 39.7 | 3.6% |
| Umnugovi | 20 | 7.4% | 86.2 | 7.7% |
| Selenge | 52 | 19.1% | 220.1 | 19.8% |
| Tuv | 12 | 4.4% | 78.3 | 7.0% |
| Ulaanbaatar | 5 | 1.8% | 19.0 | 1.7% |
| Khovd | 4 | 1.5% | 11.3 | 1.0% |
| Khentii | 36 | 13.2% | 109.4 | 9.8% |

Source: Cadastre Division, MRPAM

1.8. ORIGIN OF LICENSE HOLDERS, by 2020.III.31

| | Holder | License | Area size | |
|------------------------|-------------|-------------|--------------------|-------------|
| | Count | Count | Hectare | Percent |
| TOTAL | 1750 | 2754 | 7,157,977.1 | 100% |
| Mongolian entities | 1394 | 2176 | 5,318,321.0 | 74.3% |
| 100% foreign entities | 253 | 418 | 1,464,981.8 | 20.5% |
| Joint foreign entities | 103 | 160 | 374,674.3 | 5.2% |

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

| | Holder | License | Area size | |
|---------------------------|------------|------------|--------------------|-------------|
| | Count | Count | Hectare | Percent |
| TOTAL | 253 | 418 | 1,464,981.8 | 100% |
| China | 132 | 166 | 355,886.0 | 24.29% |
| Virgin Islands | 32 | 60 | 142,255.8 | 9.71% |
| Hong Kong | 16 | 32 | 107,341.9 | 7.33% |
| Singapore | 16 | 58 | 342,810.4 | 23.40% |
| Canada | 12 | 26 | 257,598.0 | 17.58% |
| South Korea | 11 | 16 | 34,388.2 | 2.35% |
| Australia | 5 | 5 | 26,641.3 | 1.82% |
| Russia | 4 | 5 | 2,490.4 | 0.17% |
| Great Britain | 3 | 4 | 6,038.7 | 0.41% |
| Holland | 3 | 15 | 106,872.3 | 7.30% |
| Luxemburg | 2 | 6 | 13,528.2 | 0.92% |
| Germany | 2 | 2 | 603.9 | 0.04% |
| Japan | 2 | 3 | 3,015.1 | 0.21% |
| Bermud | 2 | 3 | 7,314.3 | 0.50% |
| United States of America | 2 | 4 | 3,167.8 | 0.22% |
| 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 | 0.25% |
| Barbados | 1 | 4 | 10,040.0 | 0.69% |
| Malaysia | 1 | 2 | 2,416.5 | 0.16% |
| Luxemburg, Seychelles | 1 | 1 | 36,391.0 | 2.48% |
| Kazakhstan | 1 | 1 | 136.5 | 0.01% |
| Virgin Islands, Singapore | 1 | 1 | 1,934.0 | 0.13% |

Source: Cadastre Division, MRPAM

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

| | Holder | License | Area size | |
|---|------------|------------|------------------|-------------|
| | Count | Count | Hectare | Percent |
| TOTAL | 103 | 160 | 374,674.3 | 100% |
| Mongolia, China | 48 | 71 | 98,083.5 | 26.2% |
| Mongolia, South Korea | 10 | 17 | 39,835.3 | 10.6% |
| Mongolia, Russia | 8 | 11 | 1,565.8 | 0.4% |
| Mongolia, Virgin Islands | 6 | 10 | 35,233.8 | 9.4% |
| Mongolia, Japan | 5 | 11 | 24,239.6 | 6.5% |
| Mongolia, Germany | 4 | 5 | 11,776.3 | 3.1% |
| Mongolia, Singapore | 4 | 7 | 30,219.9 | 8.1% |
| Mongolia, Czech Republic | 3 | 6 | 52,377.8 | 14.0% |
| Mongolia, Great Britain | 2 | 2 | 5,135.2 | 1.4% |
| Mongolia, Hong Kong | 2 | 5 | 9,008.5 | 2.4% |
| Mongolia, Hungary | 1 | 1 | 87.4 | 0.0% |
| Mongolia, Kazakhstan | 1 | 1 | 1,789.4 | 0.5% |
| Mongolia, United States of America, Virgin Islands, South Korea | 1 | 1 | 3,766.7 | 1.0% |
| Mongolia, Bulgaria | 1 | 3 | 1,083.7 | 0.3% |
| Mongolia, Canada | 1 | 1 | 3,957.7 | 1.1% |
| Mongolia, Canada, China | 1 | 1 | 6,352.8 | 1.7% |
| Mongolia, Luxemburg | 1 | 1 | 3,273.9 | 0.9% |
| Mongolia, Russia, Ukraine | 1 | 1 | 46.9 | 0.0% |
| Mongolia, Poland | 1 | 1 | 1,561.3 | 0.4% |
| Mongolia, Hong Kong, Japan | 1 | 3 | 43,809.3 | 11.7% |
| Mongolia, Singapore, Hong Kong | 1 | 1 | 1,469.5 | 0.4% |

Source: Cadastre Division, MRPAM

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

| | License | | Area | |
|--|------------|-------------|------------------|-------------|
| | Count | Percent | Hectare | Percent |
| TOTAL | 219 | 100% | 244,974.3 | 100% |
| Trade and Development Bank | 31 | 14.2% | 16,718.8 | 6.8% |
| Golomt Bank | 26 | 11.9% | 25,956.3 | 10.6% |
| Development Bank of Mongolia | 25 | 11.4% | 16,818.6 | 6.9% |
| HAAN Bank | 15 | 6.8% | 2,891.8 | 1.2% |
| Golomt, Saving, Zoos, Anod Banks | 11 | 5.0% | 80,891.6 | 33.0% |
| XAC Bank | 10 | 4.6% | 2,555.0 | 1.0% |
| Ulaanbaatar City Bank | 10 | 4.6% | 8,689.8 | 3.5% |
| Capital Bank | 9 | 4.1% | 1,098.2 | 0.4% |
| Chinggis Khan Bank | 7 | 3.2% | 3,201.9 | 1.3% |
| European Bank for Reconstruction and Development | 7 | 3.2% | 2,658.5 | 1.1% |
| Anod Bank | 6 | 2.7% | 7,145.9 | 2.9% |
| Capitronbank | 5 | 2.3% | 1,431.0 | 0.6% |
| Bank of China | 4 | 1.8% | 978.2 | 0.4% |
| State Bank | 4 | 1.8% | 570.6 | 0.2% |
| Triple flag mining finance Bermuda Ltd | 3 | 1.4% | 13,017.0 | 5.3% |
| Saving bank | 3 | 1.4% | 10,911.8 | 4.5% |
| Export-Import Bank of China | 3 | 1.4% | 1,092.0 | 0.4% |
| Bogd bank | 3 | 1.4% | 154.0 | 0.1% |
| National Investment Bank | 3 | 1.4% | 1,087.5 | 0.4% |
| Transport Development bank | 3 | 1.4% | 1,670.1 | 0.7% |
| Erel bank | 2 | 0.9% | 150.3 | 0.1% |
| First lithium Corporation | 2 | 0.9% | 17,131.1 | 7.0% |
| GSB capital NBFi | 2 | 0.9% | 9,271.1 | 3.8% |
| World Gold | 2 | 0.9% | 2,194.9 | 0.9% |
| Credit bank | 2 | 0.9% | 222.6 | 0.1% |
| Khutult nomgon | 2 | 0.9% | 253.4 | 0.1% |
| Other | 19 | 8.7% | 16,212.2 | 6.6% |

Source: Cadastre Division, MRPAM

1.12. LIST OF LICENSE HOLDERS WITH 10 AND ABOVE LICENSES, by 2020.III.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 | 17 | 9,557.3 | mongolian legal entity | Mongolia |
| 4 | Tsaina investment mongolia | 15 | 207,645.0 | Entity with 100% foreign investment | Singapore |
| 5 | Olon-Ovoot gold | 14 | 90,111.6 | mongolian legal entity | Mongolia |
| 6 | Gobi Coal and Energy | 12 | 7,139.8 | mongolian legal entity | Mongolia |
| 7 | Khunnu gobi altai | 12 | 2,206.7 | mongolian legal entity | Mongolia |
| 8 | Platinum land | 11 | 3,621.3 | mongolian legal entity | Mongolia |
| 9 | MoEnCo | 10 | 12,807.4 | Entity with 100% foreign investment | Singapore |
| 10 | 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.III.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-III |
|---|------------|------------|-------------|------------|------------|
| TOTAL | 613 | 813 | 1187 | 698 | 77 |
| New license | 131 | 288 | 226 | 218 | 15 |
| Mining | 103 | 65 | 78 | 73 | 15 |
| Exploration | 0 | 0 | 0 | 0 | 0 |
| Tender | 28 | 223 | 148 | 145 | 0 |
| Extension of exploration license | 173 | 231 | 657 | 273 | 16 |
| Transfer | 139 | 153 | 157 | 72 | 23 |
| Mining | 49 | 78 | 25 | 24 | 10 |
| Exploration | 90 | 75 | 132 | 48 | 13 |
| Pledge | 33 | 37 | 61 | 25 | 6 |
| Mining | 30 | 32 | 58 | 24 | 6 |
| Exploration | 3 | 5 | 3 | 1 | 0 |
| Surrender | 137 | 104 | 86 | 110 | 17 |
| Mining | 26 | 14 | 12 | 12 | 4 |
| Exploration | 111 | 90 | 74 | 98 | 13 |

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

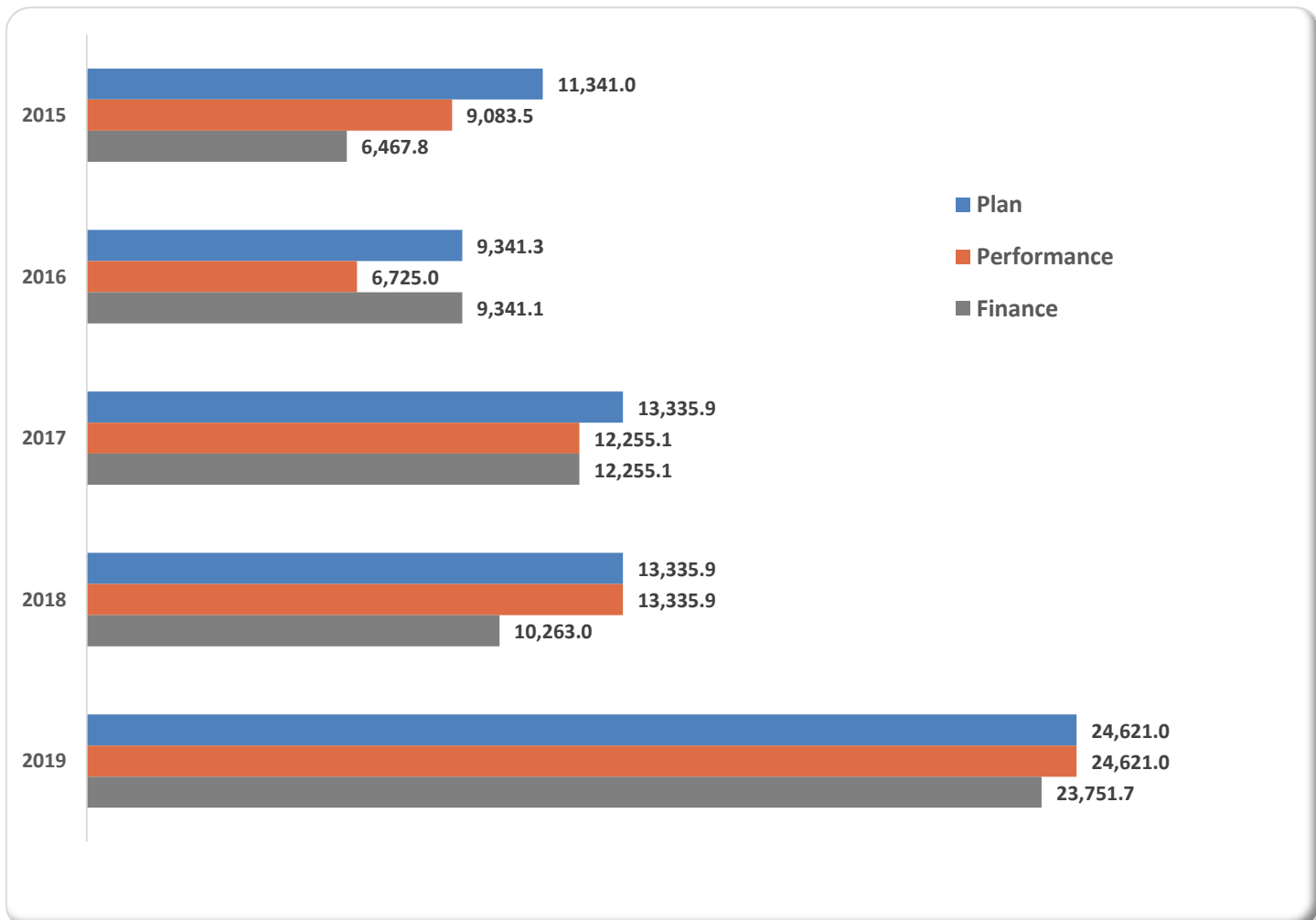
| | 2016 | 2017 | 2018 | 2019 | 2020.I-III |
|--------------------------------------|------------|------------|------------|------------|------------|
| New license | 750 | 151 | 85 | 130 | 14 |
| Mining | 93 | 77 | 61 | 59 | 14 |
| Exploration | 629 | 41 | 5 | 0 | 0 |
| Tender | 28 | 33 | 19 | 71 | 0 |
| Surrendered | 166 | 97 | 91 | 93 | 23 |
| Mining | 25 | 13 | 11 | 11 | 3 |
| Exploration | 141 | 84 | 80 | 82 | 20 |
| Canceled | 241 | 237 | 181 | 189 | 38 |
| Mining | 37 | 35 | 33 | 70 | 14 |
| Exploration | 204 | 202 | 148 | 119 | 24 |
| Expired | 124 | 176 | 209 | 199 | 28 |
| Transferred | 146 | 136 | 172 | 71 | 18 |
| Mining | 50 | 62 | 38 | 24 | 10 |
| Exploration | 96 | 74 | 134 | 47 | 8 |
| Extended | 167 | 162 | 566 | 300 | 14 |
| Pledged | 29 | 39 | 56 | 24 | 24 |
| Mining | 27 | 34 | 53 | 23 | 7 |
| Exploration | 2 | 5 | 3 | 0 | 0 |
| Terminated pledges | 16 | 39 | 27 | 31 | 7 |
| Mining | 12 | 38 | 26 | 30 | 7 |
| Exploration | 4 | 1 | 1 | 1 | 0 |
| Re-issue of license documents | 35 | 26 | 40 | 27 | 5 |
| Mining | 15 | 19 | 13 | 14 | 3 |
| Exploration | 20 | 7 | 27 | 13 | 2 |

Source: Cadastre Division, MRPAM

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 |
| TOTAL | 12,255.1 | 100% | 13,335.0 | 100% | 24,621.0 | 100% |
| 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*



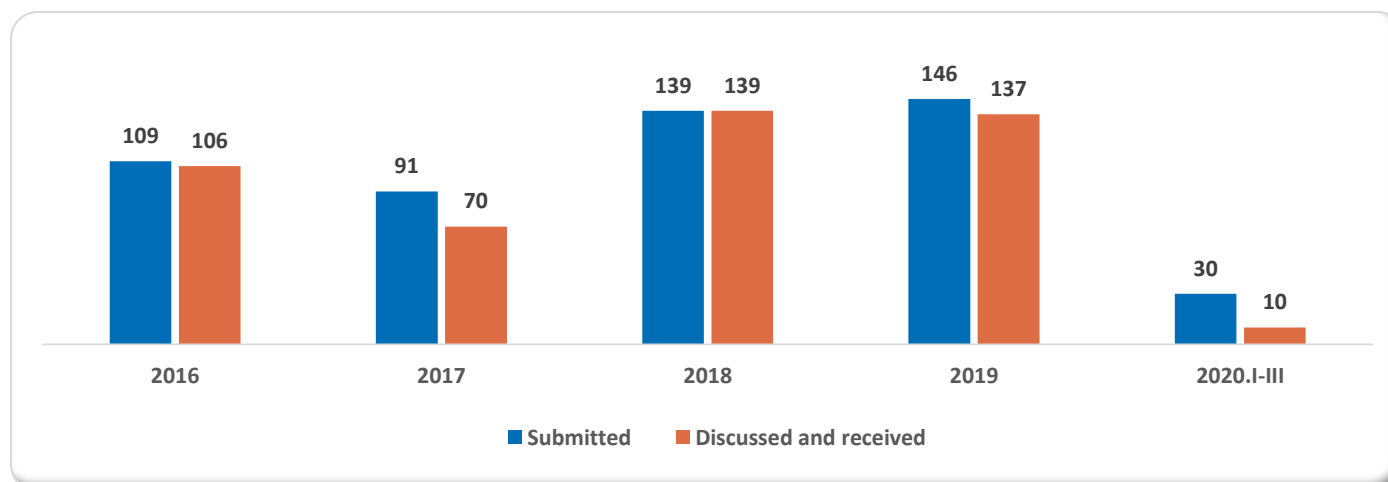
Source: Geology and Exploration Division, MRPAM

2.3. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, *by million MNT, type work and 2016-2018*

| | 2016 | 2017 | 2018 (2019.XII.31) | Percent of 2018 |
|----------------------------------|------------------|------------------|-----------------------|-----------------|
| TOTAL | 190,260.4 | 130,586.6 | 148,775.5 | 100% |
| Preparation | 8,924.2 | 3,615.2 | 3,445.7 | 2.3% |
| Mapping | 5,815.3 | 1,886.1 | 6,413.7 | 4.3% |
| Geological survey | 6,383.5 | 2,334.6 | 2,748.7 | 1.8% |
| Sampling | 32,645.9 | 80,896.6 | 83,069.7 | 55.8% |
| Geophysical work | 9,826.5 | 15,008.9 | 10,461.7 | 7.0% |
| Mining | 1,697.1 | - | - | 0.0% |
| Drilling | 68,917.0 | 5,825.9 | 11,786.5 | 7.9% |
| Laboratory | 8,833.1 | 11,413.4 | 12,600.3 | 8.5% |
| Topogeodetic work | 2,248.6 | 5,518.1 | 3,754.6 | 2.5% |
| Hydrogeological work | 1,174.1 | 943.7 | 1,621.3 | 1.1% |
| Geoecological survey | - | - | 1,118.2 | 0.8% |
| Transport | 17,331.0 | 341.4 | 1,073.2 | 0.7% |
| Indoor, laboratory investigation | 11,685.7 | 1,120.4 | 822.1 | 0.6% |
| Environment reclamation | 1,346.9 | 348.3 | 448.5 | 0.3% |
| Field sampling | 2,101.3 | 929.4 | 1,674.5 | 1.1% |
| Archeology | 231.2 | 162.2 | 173.2 | 0.1% |
| Assume expenses | - | - | 7,562.6 | 5.1% |
| Other | 11,098.5 | 242.4 | 0.8 | 0.0% |

Source: Geology and Exploration Division, MRPAM

2.4. RECEIVED EXPLORATION REPORT, by 2016-2020



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

| | Deposit | Resource | | |
|-----------------|---------|----------|---------|----------|
| | | Unit | Ore | Metal |
| Gold (rock) | | ths.t/kg | 7,986.0 | 10,111.2 |
| Silver | 2 | t | - | 75.3 |
| Blue lead | | t | - | 29.3 |
| Zinc | | ths.t | - | 37.8 |
| Gold (placer) | | 4 | kg | 197.5 |
| Iron | | ths.t | 5,704.2 | |
| Iron | 1 | ths.t | | 2,007.7 |
| Zinc | | ths.t | | |
| Fluorspar | 4 | ths.t | 707.3 | 343.1 |
| Coal | 3 | mln.t | | 266.1 |
| Aggregate stone | 3 | ths.t | | 27,141.7 |
| Mud | 1 | ths.m3 | | 687.9 |
| Sand gravel | 2 | ths.m3 | | 1,723.4 |

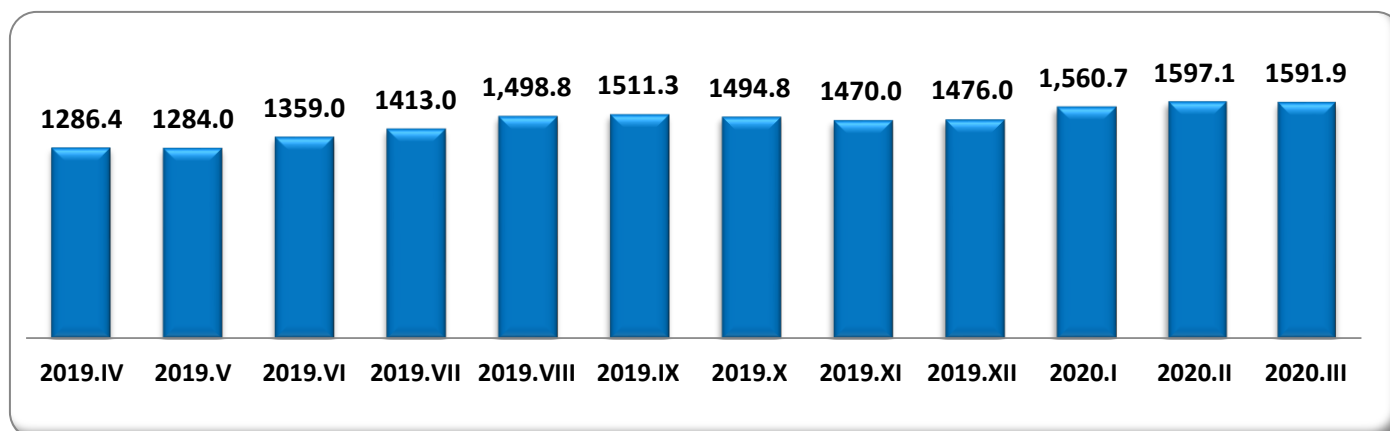
Source: Geology and Exploration Division, MRPAM

3 | MINING

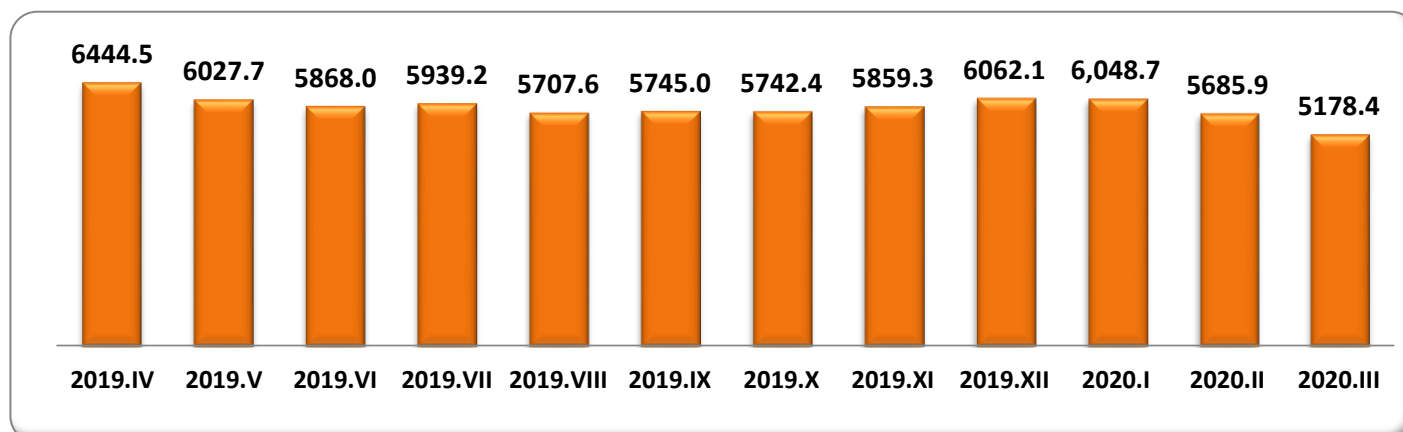
3.1. AVERAGE OF COMMODITY PRICES ON THE WORLD MARKET, by 2019-2020

| | Хэмжих нэгж | 2019.III | 2019 | 2020.II | 2020.III | $\frac{2020.III}{2019.III}$ | $\frac{2020.III}{2020.II}$ |
|----------------------------|-------------|----------|----------|----------|----------|-----------------------------|----------------------------|
| Gold | \$/ounce | 1,300.9 | 1,392.2 | 1,597.1 | 1,591.9 | 122.4% | 99.7% |
| Silver | \$/ounce | 15.3 | 16.2 | 17.9 | 14.9 | 97.4% | 83.2% |
| Copper | \$/tons | 6,450.3 | 6,004.6 | 5,685.9 | 5,178.4 | 80.3% | 91.1% |
| Zinc | \$/tons | 2,850.9 | 2,548.6 | 2,119.9 | 1,905.3 | 66.8% | 89.9% |
| Blue lead | \$/tons | 2,054.1 | 1,993.7 | 1,871.8 | 1,744.1 | 84.9% | 93.2% |
| Tin | \$/tons | 21,433.5 | 18,660.5 | 16,447.3 | 15,315.1 | 71.5% | 93.1% |
| Molybdenum | \$/tons | 24,841.9 | 23,755.9 | 22,542.2 | 19,495.9 | 78.5% | 86.5% |
| Manganese 36% | \$/tons | 271.7 | 233.4 | 187.9 | 178.4 | 65.7% | 94.9% |
| Tungsten, 99% | \$/tons | 37,780.0 | 33,953.3 | 33,140.0 | 33,650.0 | 89.1% | 101.5% |
| Tungsten, 65% | \$/tons | 14,654.1 | 12,787.3 | 12,753.9 | 12,481.2 | 85.2% | 97.9% |
| Iron ore 56% | \$/tons | 62.7 | 67.2 | 66.1 | 70.3 | 112.0% | 106.3% |
| Iron ore 60% concentrate | \$/tons | 79.8 | 82.7 | 77.0 | 79.8 | 100.1% | 103.7% |
| Fluorite concentrate AG-97 | \$/tons | 483.1 | 448.3 | 385.0 | 385.0 | 79.7% | 100.0% |
| Fluorite ore MG-85 | \$/tons | 380.0 | 320.2 | 300.0 | 300.0 | 78.9% | 100.0% |
| Uranium | \$/kg | 55.8 | 56.5 | 54.7 | 60.3 | 108.0% | 110.3% |

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

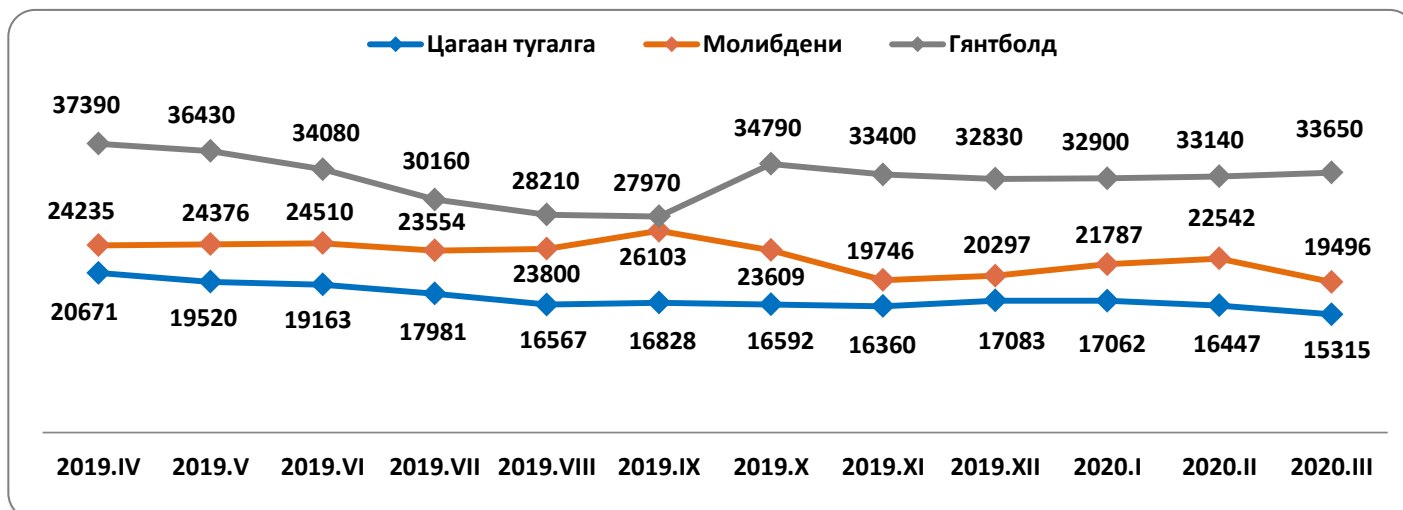


3.3. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, by US\$/tons and last 12 months

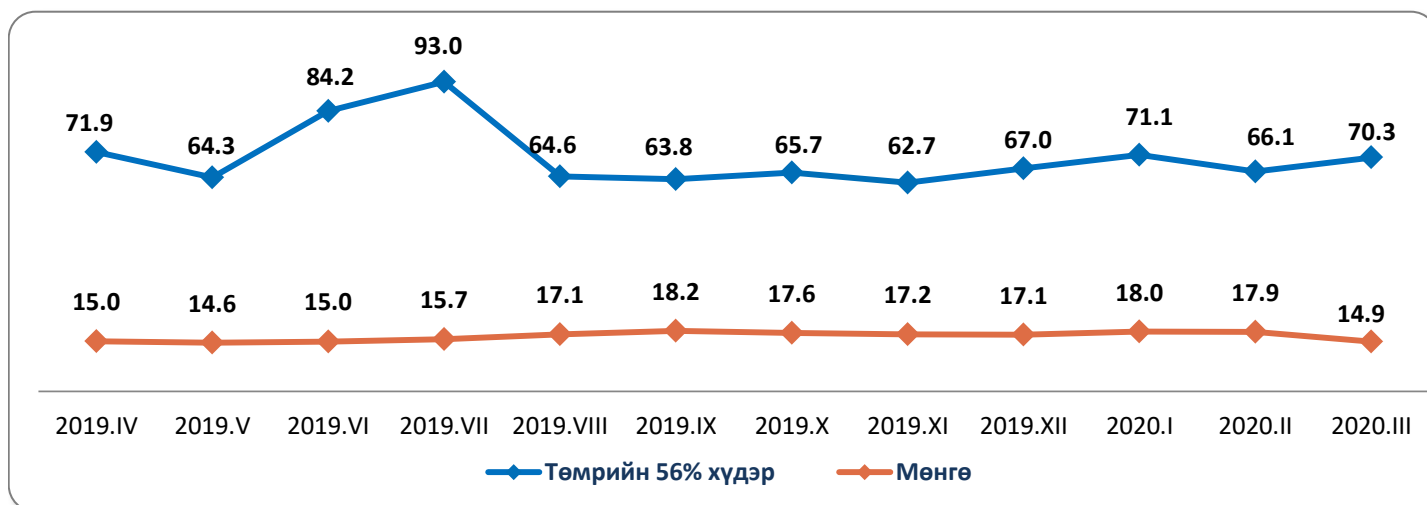


Source: www.kitco.com, www.westmetall.com, www.lme.com, www.asianmetal.com, www.lndmin.com, www.umetal.com, www.sxcoal.com

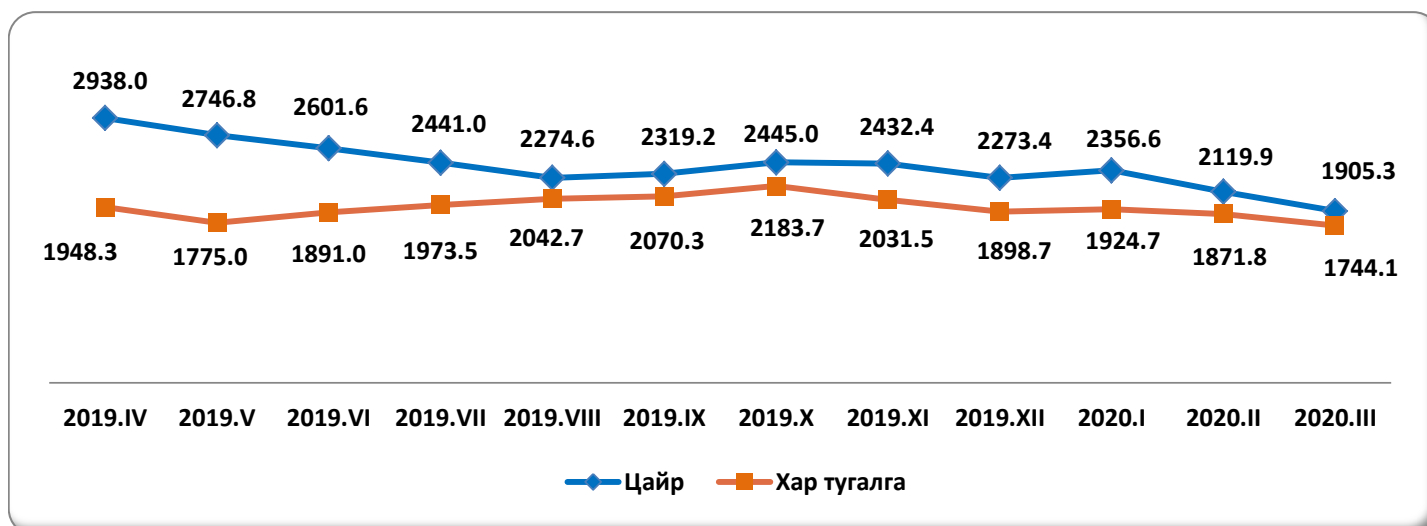
3.4. ЦАГААН ТУГАЛГА, МОЛИБДЕНИ, ГЯНТБОЛДЫН ДЭЛХИЙН ЗАХ ЗЭЭЛИЙН ДУНДАЖ ҮНЭ, ам.доллар/тонн, сүүлийн 12 сараар



3.5. ТӨМРИЙН ХҮДЭР, МӨНГӨНИЙ ДЭЛХИЙН ЗАХ ЗЭЭЛИЙН ДУНДАЖ ҮНЭ, ам.доллар/тонн, ам.доллар/унци, сүүлийн 12 сараар



3.6. ЦАЙР, ХАР ТУГАЛГАНЫ ДЭЛХИЙН ЗАХ ЗЭЭЛИЙН ДУНДАЖ ҮНЭ, ам.доллар/тонн, сүүлийн 12 сараар



Source: www.kitco.com, www.westmetall.com, www.lme.com, www.asianmetal.com, www.lndmin.com, www.umetal.com, 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 | | | | | | Market value /2020.IV.09/ |
|---|----------------|----------|----------|---------------|---------|---------|----------|-----------------------------|----------------------------|---------------------------|
| | | | | 2019.III | 2019 | 2020.II | 2020.III | <u>2020.III</u> 2019.III | <u>2020.III</u> 2020.II | |
| Turquoise Hill Resources Ltd. | NYQ | TRQ | USD | 1.693 | 1.036 | 0.618 | 0.423 | 25.0% | 68.4% | 980.23M |
| Peabody Energy Corporation | NYQ | BTU | USD | 29.766 | 22.07 | 7.383 | 3.655 | 12.3% | 49.5% | 288.45M |
| Rio Tinto plc | LSE | RIO.L | GBp | 4,278.0 | 4,342.7 | 4,103.6 | 3,472.0 | 81.2% | 84.6% | 61.77B |
| Mongolia Energy Corporation Limited | HKG | 0276.HK | HKD | 0.153 | 0.121 | 0.076 | 0.261 | 170.6% | 343.4% | 84.66M |
| Mongolian Mining Corporation | HKG | 0975.HK | HKD | 0.147 | 0.412 | 0.453 | 0.373 | 253.7% | 82.3% | 396.23M |
| South Gobi Resources Ltd. | HKG | 1878.HK | HKD | - | 0.949 | 0.8 | 0.685 | - | 85.6% | 158.34M |
| Centerra Gold Inc. | TOR | CG.TO | CAD | 7.04 | 9.131 | 10.125 | 8.559 | 121.6% | 84.5% | 2.54B |
| Erdene Resource Development Corporation | TOR | ERD.TO | CAD | 0.218 | 0.207 | 0.273 | 0.183 | 83.9% | 67.0% | 30.57M |
| Entrée Resources Ltd. | TOR | ETG.TO | CAD | 0.506 | 0.407 | 0.4 | 0.28 | 55.3% | 70.0% | 48.25M |
| Prophecy Development Corp. | TOR | PCY.TO | CAD | 0.225 | 0.268 | 0.257 | 0.153 | 68.0% | 59.5% | 12.29M |
| Steppe Gold Ltd | TOR | STGO.TO | CAD | 0.793 | 0.849 | 0.893 | 0.786 | 99.1% | 88.0% | 33.14M |
| Kincora Copper Limited | VAN | KCC.V | CAD | 0.101 | 0.097 | 0.045 | 0.037 | 36.6% | 82.2% | 4.73M |
| Altan Rio Minerals Limited | VAN | AMO.V | CAD | 0.008 | 0.01 | - | - | - | - | - |
| Xanadu Mines Limited | ASX | XAM.AX | AUD | 0.123 | 0.071 | 0.034 | 0.028 | 22.8% | 82.4% | 22.94M |
| Aspire Mining Limited | ASX | AKM.AX | AUD | 0.025 | 0.028 | 0.105 | 0.069 | 276.0% | 65.7% | 39.09M |
| Haranga Resources Limited | ASX | HAR.AX | AUD | - | - | - | - | - | - | - |
| Tian Poh Resources Limited | ASX | TPO.AX | AUD | - | 0.09 | - | 0.05 | - | - | 19.33M |
| Banpu Public Company Limited | SET | BANPU.BK | THB | 16.067 | 13.987 | 9.413 | 5.689 | 35.4% | 60.4% | 31.23B |
| Petro Matad Limited | LSE | MATD.L | GBp | 5.481 | 5.301 | 3.151 | 2.467 | 45.0% | 78.3% | 18.18M |
| Wolf Petroleum Limited | ASX | WOF.AX | AUD | - | - | - | - | - | - | - |

Source: www.nyse.com, www.londonstockexchange.com, www.hkex.com.hk, www.tmx.com, www.tsx.com, www.asx.com.au, 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.III | 2019 | 2020.II | 2020.III | <u>2020.III</u> 2019.III | <u>2020.III</u> 2020.II |
| Tavantolgoi | TTL | 7,194 | 6,772 | 6,522 | 6,487 | 90.2% | 99.5% |
| Baganuur | BAN | 1,202 | 1,146 | 975 | 962 | 80.0% | 98.7% |
| Shivee-Ovoo | SHV | - | 2,175 | 2,300 | 1,962 | - | 85.3% |
| Aduunchuluun | ADL | 1,925 | 1,615 | 1,219 | 1,046 | 54.3% | 85.8% |
| Shariin Gol | SHG | 1,752 | 1,542 | 1,153 | 1,126 | 64.3% | 97.7% |
| Erdene Resource Development Corporation | ERDN | 532 | 502 | 548 | 510 | 95.9% | 93.1% |
| Mogoin gol | BDL | 8,050 | 7,766 | 9,000 | 8,650 | 107.5% | 96.1% |
| Bayanteeg | BTG | 24,000 | 21,841 | 28,500 | 26,750 | 111.5% | 93.9% |
| Berkh-Uul | BEU | 599 | 574 | 690 | - | - | - |
| Khar Tarvagatai | TVT | - | 7,080 | - | 4,500 | - | - |
| Taliin Gal | TAL | - | - | - | - | - | - |
| Mongol Basalt | MBW | 249 | 277 | 248 | 227 | 91.2% | 91.5% |
| Mongol Ceramic | KEK | 21,220 | 18,587 | - | - | - | - |
| Silikat | SIL | - | 76 | 45 | - | - | - |
| Songolon barmat | SSG | - | - | - | - | - | - |
| Remicon | RMC | 31 | 28 | 29 | 26 | 83.9% | - |
| Arig Tal | EER | 3,630 | 3,420 | 3,083 | 3,143 | 86.6% | 101.9% |
| Niislel-Urguu | NUR | - | 5,377 | - | - | - | - |
| Erchim Bayan-Ulgii | BOE | 950 | 749 | - | - | - | - |
| Khukh Gan | HGN | 65 | 75 | 77 | 80 | 123.1% | 103.9% |
| Nako Tulsh | NKT | 105 | 82 | 34 | - | - | - |

Source: www.mse.mn

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

| | Unit | 2014 | 2015 | 2016 | 2017 | 2018 (2019.XII.31) |
|--|---------|---------|--------|--------|--------|-----------------------|
| Area covered by mining | ha | 1560.7 | 871.0 | 703.5 | 1002.3 | 1059.3 |
| Rehabilitated area | ha | 959.6 | 750.0 | 876.4 | 677.2 | 924.2 |
| Expenses for rehabilitation | mln.MNT | 9211.6 | 4019.0 | 2167.2 | 2966.4 | 3891.2 |
| Area covered by technical rehabilitation | ha | 523.1 | 589.0 | 954.0 | 698.5 | 753.0 |
| Area covered by biological rehabilitation | ha | 322.0 | 320.0 | 718.0 | 595.8 | 697.5 |
| Environmental expenses | mln.MNT | 11683.1 | 3771.0 | 5180 | 5155 | 7008.3 |
| Area of abusive protection rehabilitation | ha | - | - | 257.0 | 81.6 | 179.4 |
| Expenses for abusive protection rehabilitation | mln.MNT | - | - | 739.1 | 413.5 | 664.1 |
| Area of remodeling the mine and rehabilitation of the village | ha | - | - | 29.0 | 44.0 | 47.3 |
| Expenses for remodeling the mine and rehabilitation of the village | mln.MNT | - | - | 175.0 | 214.0 | 312.1 |

3.10. AREA COVERED BY MINING AND REHABILITATION AREA IN 2018, *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 |
| TOTAL | 175 | 1059.3 | 100% | 753.0 | 100% | 697.5 | 100% | 924.2 | 100% |
| Arkhangai | 3 | 9.0 | 0.8% | 15.5 | 2.1% | 38.0 | 5.4% | 38.0 | 4.1% |
| Bayan-Ulgii | 1 | 0.2 | 0.0% | 0.0 | 0.0% | 2.0 | 0.3% | 2.0 | 0.2% |
| Bayankhongor | 10 | 31.9 | 3.0% | 39.4 | 5.2% | 31.1 | 4.5% | 163.2 | 17.7% |
| Bulgan | 9 | 91.7 | 8.7% | 52.1 | 6.9% | 55.6 | 8.0% | 60.3 | 6.5% |
| Bulgan, Selenge | 1 | 3.5 | 0.3% | 6.4 | 0.8% | 6.8 | 1.0% | 7.1 | 0.8% |
| Bulgan, Tuv | 7 | 141.3 | 13.3% | 198.6 | 26.4% | 102.3 | 14.7% | 102.3 | 11.1% |
| Govi-Altai | 3 | 42.0 | 4.0% | 14.8 | 2.0% | 3.5 | 0.5% | 3.6 | 0.4% |
| Darkhan Uul | 11 | 16.4 | 1.5% | 31.8 | 4.2% | 13.9 | 2.0% | 19.8 | 2.1% |
| Dornogovi | 14 | 30.4 | 2.9% | 19.8 | 2.6% | 2.4 | 0.3% | 4.9 | 0.5% |
| Dornod | 8 | 25.9 | 2.4% | 17.9 | 2.4% | 24.3 | 3.5% | 25.2 | 2.7% |
| Dundgovi | 11 | 5.6 | 0.5% | 1.3 | 0.2% | 0.1 | 0.0% | 4.0 | 0.4% |
| Zavkhan | 1 | 7.9 | 0.7% | 7.5 | 1.0% | 5.1 | 0.7% | 5.1 | 0.6% |
| Orkhon | 2 | 173.4 | 16.4% | 1.7 | 0.2% | 2.4 | 0.3% | 14.1 | 1.5% |
| Uvurkhangai | 3 | 5.3 | 0.5% | 8.3 | 1.1% | 6.8 | 1.0% | 6.8 | 0.7% |
| Umnugovi | 4 | 11.7 | 1.1% | 18.5 | 2.5% | 12.5 | 1.8% | 14.0 | 1.5% |
| Sukhbaatar | 10 | 3.7 | 0.4% | 0.6 | 0.1% | 6.9 | 1.0% | 26.5 | 2.9% |
| Selenge | 17 | 136.2 | 12.9% | 49.9 | 6.6% | 31.6 | 4.5% | 50.0 | 5.4% |
| Tuv | 43 | 289.9 | 27.4% | 256.5 | 34.1% | 342.9 | 49.2% | 362.2 | 39.2% |
| Khentii | 17 | 33.3 | 3.1% | 12.5 | 1.7% | 9.4 | 1.3% | 15.2 | 1.6% |

Source: Mining Industry and Technology Division, MRPAM

4 | COAL

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

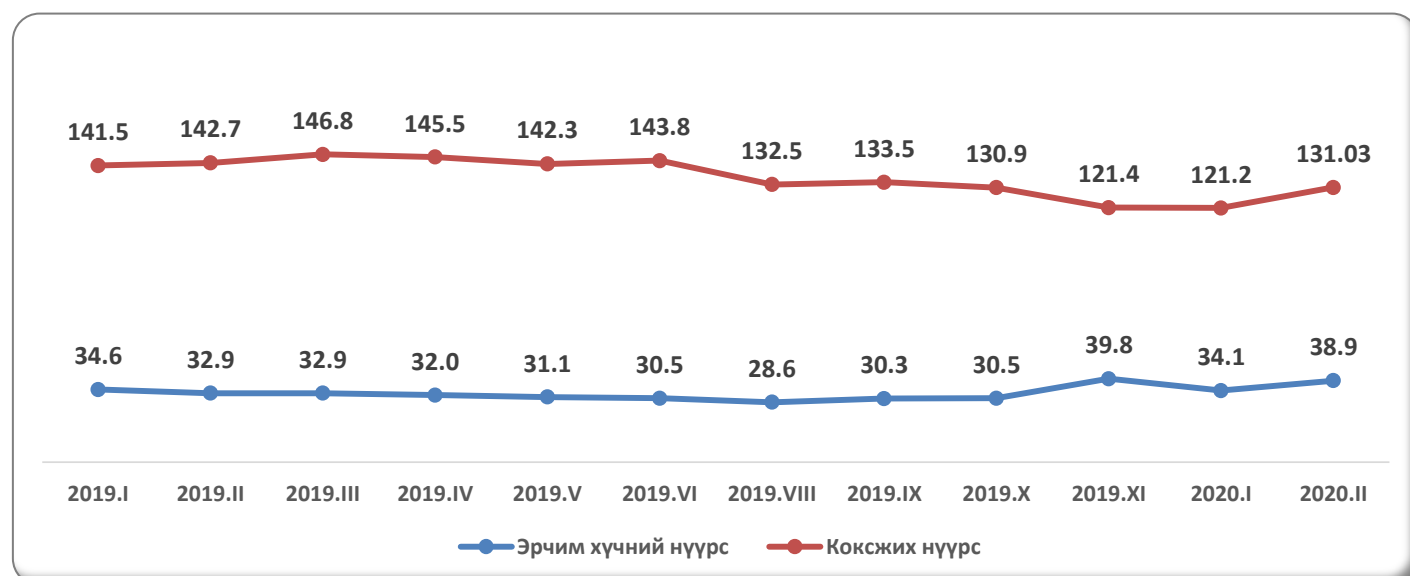
| | Striping /ths.m3/ | Coal production /ths.tons/ | Coal sale /ths.tons/ | Coal export /ths.tons/ |
|------------|----------------------|-------------------------------|-------------------------|---------------------------|
| 2015 | 92,975.0 | 23,979.0 | 22,125.0 | 14,468.0 |
| 2016 | 102,374.3 | 35,096.5 | 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-III | 39,666.5 | 7,458.8 | 5,518.4 | 3,095.2 |

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

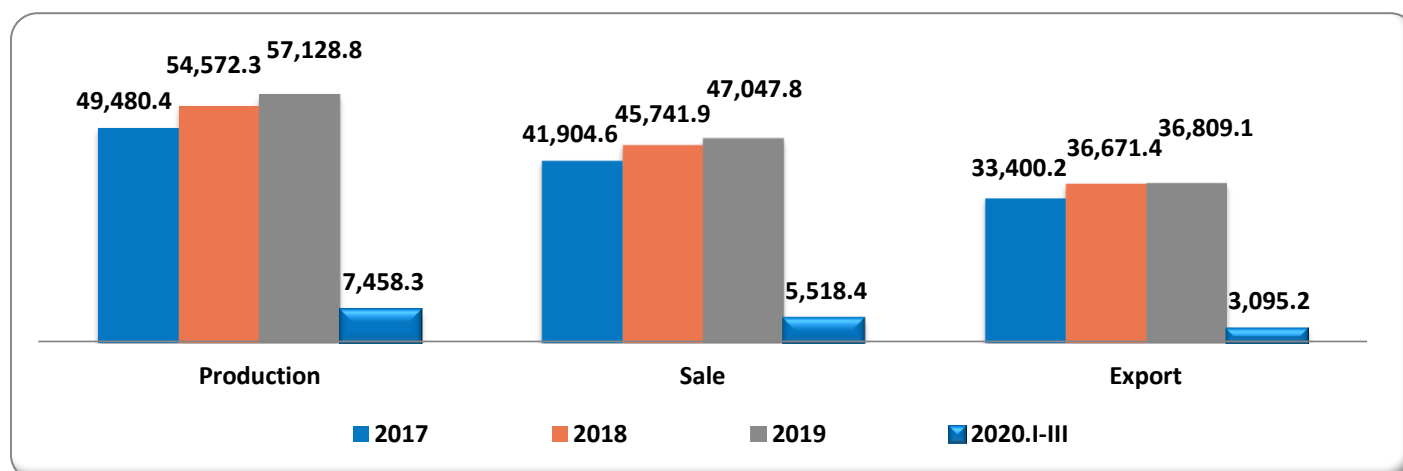
| | TOTAL | Export | Local |
|--------------------|----------------|----------------|----------------|
| БҮГД | 5,518.4 | 3,095.2 | 2,423.2 |
| Washed coking coal | 570.9 | 570.9 | - |
| Raw coking coal | 1,581.5 | 1,581.5 | - |
| Weak coking coal | 553.8 | 553.8 | - |
| Thermal coal | 389.0 | 389.0 | - |
| Brown coal | 2,423.2 | 0.0 | 2,423.2 |

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, 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 |
|--|-----------------|-----------------|-----------------|
| 2018 | 54,572.3 | 45,741.9 | 36,671.4 |
| 2019 | 57,128.8 | 47,047.8 | 36,809.1 |
| 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 |
| 2020.I-III | 7,458.3 | 5,518.4 | 3,095.2 |
| 2020.I | 3,583.0 | 2,908.1 | 2,034.7 |
| 2020.II | 2,369.9 | 1,290.0 | 419.9 |
| 2020.III | 1,505.4 | 1,320.3 | 640.6 |
| 2020.III 2019.III | 32.4% | 30.4% | 18.2% |
| 2020.I-III 2019.I-III | 56.5% | 47.3% | 35.6% |

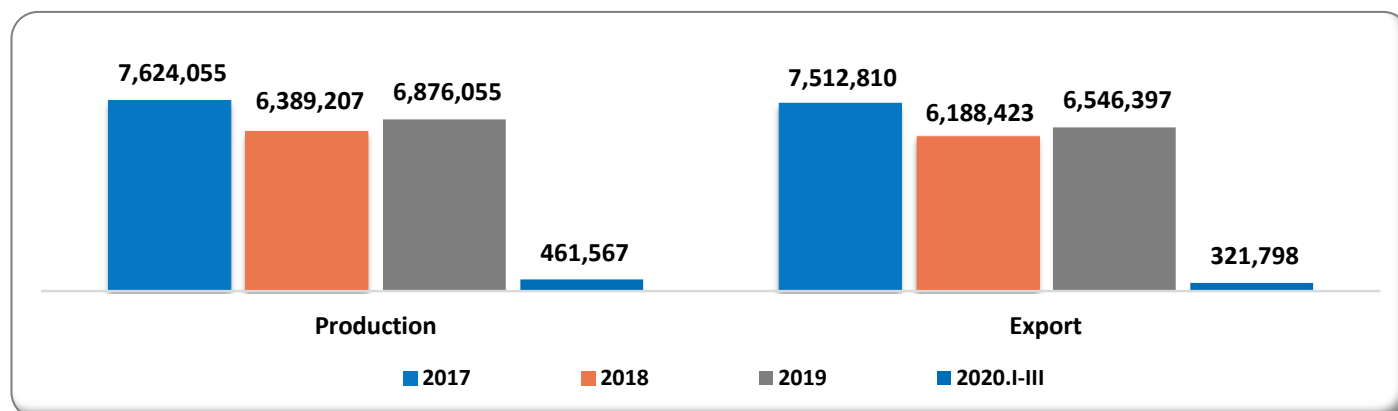
Source: Coal Research Division, MRPAM

4.6. MINING AND PETROLEUM EXAMINATION AND TESTING CENTRAL LABORATORY, by 2020.III

| 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 | Khangi | Mandakh nuur | - | - | - | - | - | - | - |
| | Coal | Coking | Khangi | Aila bayan | - | - | - | - | - | - | - |
| | | | Gashuun sukhait | Baruun, zuun tsankhi | 2.0 | 18.2 | 26.5 | 0.89 | 6950 | 7.0 | 84.2 |
| | | | | Tavan tolgoi 4th orifice | - | - | - | - | - | - | - |
| | | | Weak coking | Gashuun sukhait | Tavan tolgoi 8th orifice | - | - | - | - | - | - |
| | | Shivee khuren | | Khuren shand | - | - | - | - | - | - | - |
| | | | | Baruun noyon | - | - | - | - | - | - | - |
| | | | | SGS | - | - | - | - | - | - | - |
| | | Zamiin Uud | | Mogoin gol | 8.1 | 14.5 | 31.5 | 1.20 | 6404 | 9.0 | 99.6 |
| | | Non coking | Gashuun sukhait | ETT Erchim khuch | 5.5 | 16.9 | 26.9 | 0.99 | 6089 | 0.0 | 0.0 |
| | | | | Tavan tolgoi erchim khuch | - | - | - | - | - | - | - |
| | | | Шивээ хүрэн | MAK | - | - | - | - | - | - | - |
| | | | | Nariin sukhait SGS | - | - | - | - | - | - | - |
| | | Other | Zamiin Uud | Alag tolgoi | 17.8 | 20.7 | 42.2 | 2.27 | 4706 | 0.0 | 0.0 |
| Brown coal | Bichigt | Tukhum | - | - | - | - | - | - | - | | |
| Баяжуулсан нүүрс | Чулуун нүүрс | Coking | Gashuun sukhait | Ukhaa khudag | - | - | - | - | - | - | |
| | | | Yarant | Khushuut | - | - | - | - | - | - | |
| | | Weak coking | Shivee khuren | MAK | - | - | - | - | - | - | |
| | | Non coking | Gashuun sukhait | Ukhaa khudag | - | - | - | - | - | - | |
| | | | Zamiin Uud | Achir | 10.2 | 19.5 | 34.2 | 0.92 | 5300 | 0.0 | 0.0 |

Source: Central Laboratory of Mining and Petroleum, MRPAM

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



5.2. PETROLEUM PRODUCTION AND EXPORT, by barrel, month and 2018-2020

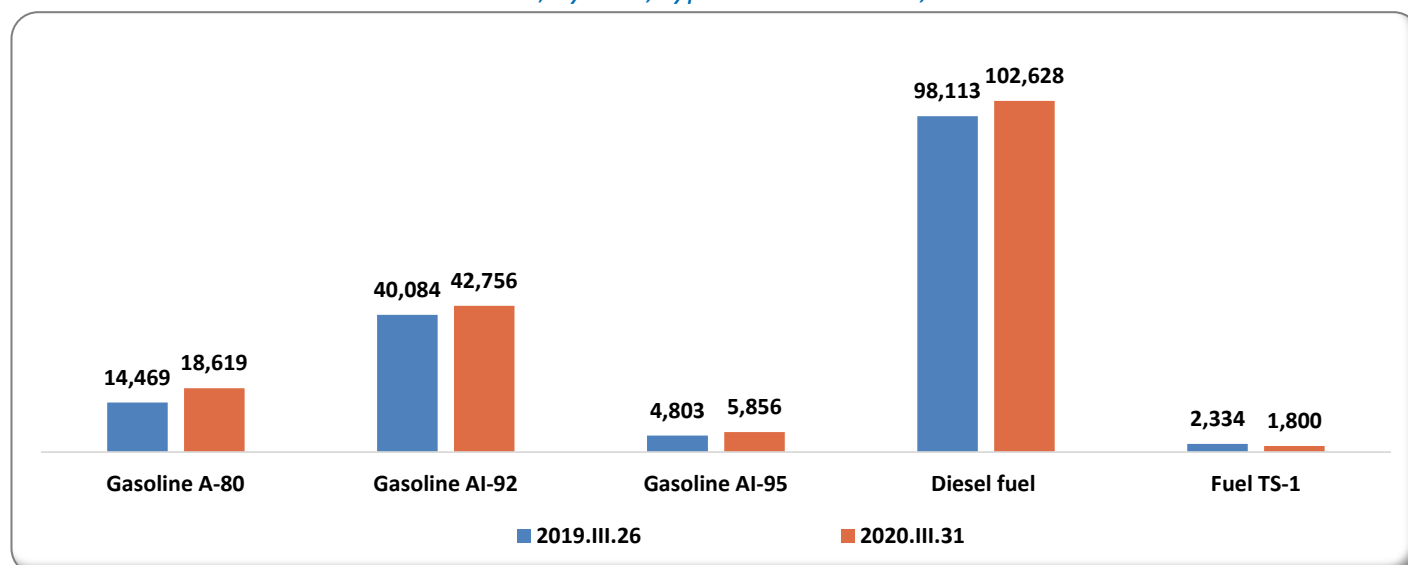
| | Production | | Export | |
|---------------------------------|------------------|-------------|------------------|-------------|
| | Barrel | Percent | Barrel | Percent |
| 2018 | 6,389,207 | 100% | 6,188,423 | 100% |
| 2019 | 6,876,055 | 100% | 6,546,397 | 100% |
| 2019.I | 586,737 | 8.5% | 533,837 | 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% |
| 2020.I-III | 461,567 | 100% | 321,798 | 100% |
| 2020.I | 375,679 | 81.4% | 287,706 | 89.4% |
| 2020.II | 45,511 | 9.9% | - | - |
| 2020.III | 40,377 | 8.7% | 34,092 | 10.6% |
| <u>2020.III</u> 2019.III | 7.1% | - | 5.6% | - |
| <u>2020.I-III</u> 2019.I-III | 27.6% | - | 19.9% | - |

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 |
|--|------------------|---------------|----------------|----------------|----------------|------------------|---------------|-----------------|----------------|
| 2019 | 2,004,172 | 70,559 | 468,824 | 23,357 | 1,191 | 1,118,417 | 46,621 | 41,120 | 234,082 |
| 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 |
| 2020.I-III | 408,421 | 12,667 | 104,349 | 7,749 | 305 | 209,941 | 7,789 | 6,870 | 58,752 |
| 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.III 2019.III | 70.1% | 79.9% | 94.3% | 99.2% | 86.0% | 52.5% | 55.1% | 2.2% | 278.9% |
| 2020.I-III 2019.I-III | 88.0% | 73.9% | 83.3% | 156.5% | 125.4% | 78.1% | 82.0% | 73.2% | 202.7% |

5.4. RESIDUE OF PETROLEUM PRODUCTS, by tons, type and 2019.III.26, 2020.III.31



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.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 |
| 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.III.31 | | | | |
| 2020.II.21 | 38.5% | 45.5% | 35.1% | 39.4% |
| 2020.III.31 | | | | |
| 2019.III.26 | 35.3% | 40.2% | 30.3% | 37.4% |

Source: www.wtrg.com, www.bloomberg.com, www.reuters.com, www.topoilnews.com, www.oil.in-en.com, www.nymex.com, www.finmarket.ru, www.ineng.org, www.quandl.com.

5.6. .RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, by MNT/litre, provinces and 2020.III.31, 2020.II.21

| | Gasoline A-80 | | | Gasoline AI-92 | | | Gasoline AI-95 | | | Diesel fuel | | |
|-------------------------|----------------|-----------------|----------------------------------|----------------|-----------------|----------------------------------|----------------|-----------------|----------------------------------|----------------|-----------------|----------------------------------|
| | 2020. II.21 | 2020. III.31 | $\frac{2020.III.31}{2020.II.21}$ | 2020. II.21 | 2020. III.31 | $\frac{2020.III.31}{2020.II.21}$ | 2020. II.21 | 2020. III.31 | $\frac{2020.III.31}{2020.II.21}$ | 2020. II.21 | 2020. III.31 | $\frac{2020.III.31}{2020.II.21}$ |
| NATIONAL AVERAGE | 1,847 | 1,785 | 96.7% | 1,925 | 1,863 | 96.8% | 2,260 | 2,196 | 97.2% | 2,524 | 2,515 | 99.6% |
| Western region | 1,920 | 1,856 | 96.7% | 2,006 | 1,936 | 96.5% | - | - | - | 2,494 | 2,454 | 98.4% |
| Bayan-Ulgii | 1,840 | 1,780 | 96.7% | 1,930 | 1,870 | 96.9% | - | - | - | 2,290 | 2,290 | 100.0% |
| Govi-Altai | 1,850 | 1,760 | 95.1% | 1,910 | 1,850 | 96.9% | - | - | - | 2,550 | 2,550 | 100.0% |
| Zavkhan | 2,000 | 1,950 | 97.5% | 2,120 | 2,010 | 94.8% | - | - | - | 2,640 | 2,640 | 100.0% |
| Uvs | 1,900 | 1,840 | 96.8% | 1,980 | 1,920 | 97.0% | - | - | - | 2,490 | 2,290 | 92.0% |
| Hovd | 2,010 | 1,950 | 97.0% | 2,090 | 2,030 | 97.1% | - | - | - | 2,500 | 2,500 | 100.0% |
| Hangai region | 1,799 | 1,739 | 96.7% | 1,879 | 1,816 | 96.6% | 2,242 | 2,182 | 97.3% | 2,520 | 2,519 | 99.9% |
| Arkhangai | 1,820 | 1,760 | 96.7% | 1,890 | 1,830 | 96.8% | 2,250 | 2,190 | 97.3% | 2,550 | 2,550 | 100.0% |
| Bayankhongor | 1,860 | 1,800 | 96.8% | 1,900 | 1,840 | 96.8% | - | - | - | 2,580 | 2,580 | 100.0% |
| Bulgan | 1,750 | 1,680 | 96.0% | 1,855 | 1,780 | 96.0% | 2,240 | 2,180 | 97.3% | 2,480 | 2,470 | 99.6% |
| Uvurkhangai | 1,820 | 1,760 | 96.7% | 1,890 | 1,830 | 96.8% | 2,250 | 2,190 | 97.3% | 2,550 | 2,550 | 100.0% |
| Orkhon | 1,750 | 1,680 | 96.0% | 1,840 | 1,760 | 95.7% | 2,240 | 2,180 | 97.3% | 2,470 | 2,470 | 100.0% |
| Selenge | 1,740 | 1,700 | 97.7% | 1,840 | 1,790 | 97.3% | 2,240 | 2,180 | 97.3% | 2,470 | 2,470 | 100.0% |
| Khuvsgul | 1,850 | 1,790 | 96.8% | 1,940 | 1,880 | 96.9% | 2,230 | 2,170 | 97.3% | 2,540 | 2,540 | 100.0% |
| Central region | 1,791 | 1,730 | 96.6% | 1,881 | 1,827 | 97.2% | 2,258 | 2,198 | 97.3% | 2,510 | 2,516 | 100.2% |
| Ulaanbaatar | 1,730 | 1,700 | 98.3% | 1,835 | 1740- 1790 | 94.8% - 97.5% | 2,240 | 2,180 | 97.3% | 2,470 | 2340- 2470 | 94.7% - 100.0% |
| Tuv | 1,740 | 1,680 | 96.6% | 1,780 | 1,720 | 96.6% | 2,240 | 2,180 | 97.3% | 2,410 | 2,410 | 100.0% |
| Darkhan | 1,750 | 1,700 | 97.1% | 1,840 | 1,780 | 96.7% | 2,240 | 2,180 | 97.3% | 2,470 | 2,470 | 100.0% |
| Govisumber | 1,830 | 1,770 | 96.7% | 1,890 | 1,830 | 96.8% | 2,280 | 2,230 | 97.8% | 2,530 | 2,530 | 100.0% |
| Dundgovi | 1,810 | 1,750 | 96.7% | 1,920 | 1,860 | 96.9% | 2,250 | 2,210 | 98.2% | 2,490 | 2,490 | 100.0% |
| Dornogovi | 1,810 | 1,750 | 96.7% | 1,910 | 1,850 | 96.9% | 2,270 | 2,210 | 97.4% | 2,560 | 2,560 | 100.0% |
| Umnugovi | 1,850 | 1,740 | 94.1% | 1,960 | 1,900 | 96.9% | 2,270 | 2,180 | 96.0% | 2,590 | 2,590 | 100.0% |
| Zamin Uud | 1,810 | 1,750 | 96.7% | 1,910 | 1,850 | 96.9% | 2,270 | 2,210 | 97.4% | 2,560 | 2,560 | 100.0% |
| Eastern region | 1,877 | 1,817 | 96.8% | 1,933 | 1,873 | 96.9% | 2,280 | 2,210 | 96.9% | 2,573 | 2,573 | 100.0% |
| Dornod | 1,880 | 1,820 | 96.8% | 1,940 | 1,880 | 96.9% | 2,250 | 2,200 | 97.8% | 2,570 | 2,570 | 100.0% |
| Sukhbaatar | 1,880 | 1,820 | 96.8% | 1,950 | 1,890 | 96.9% | 2,320 | 2,220 | 95.7% | 2,580 | 2,580 | 100.0% |
| Khentii | 1,870 | 1,810 | 96.8% | 1,910 | 1,850 | 96.9% | 2,270 | 2,210 | 97.4% | 2,570 | 2,570 | 100.0% |

Source: Petroleum Products Division, MRPAM

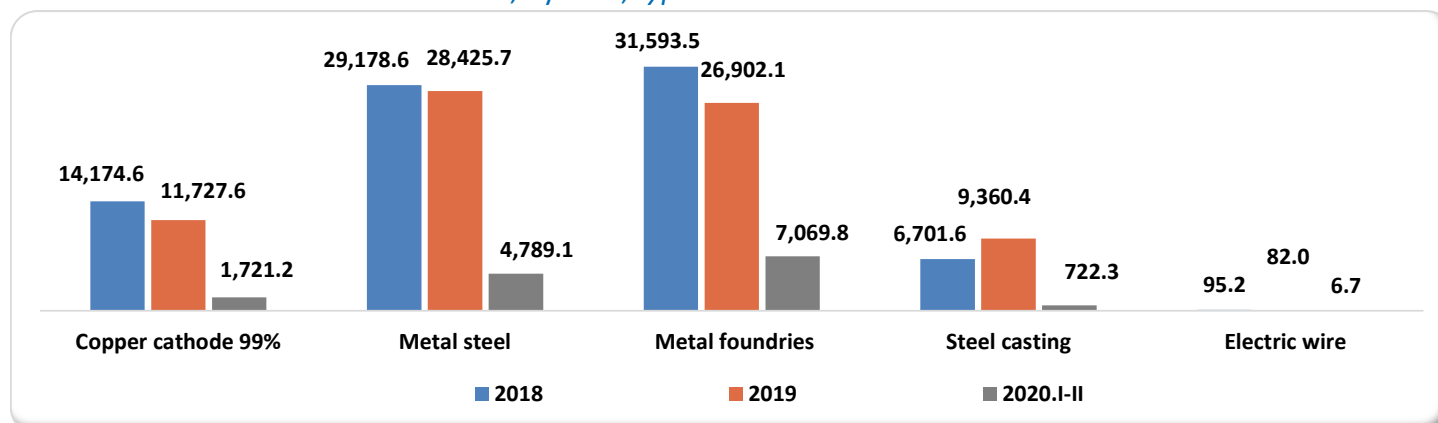
5.7.RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, by MNT/litre, type, and end of month 2018-2020

| | 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.III.31 2020.II.21 | 96.6% | 96.8% | 97.2% | 99.6% |
| 2020.III.31 2019.III.26 | 101.2% | 102.4% | 99.5% | 107.1% |
| 2020.III.31 2018.III.27 | 106.4% | 102.1% | 106.0% | 118.9% |

Source: Petroleum Products Division, MRPAM

6 | HEAVY INDUSTRY

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

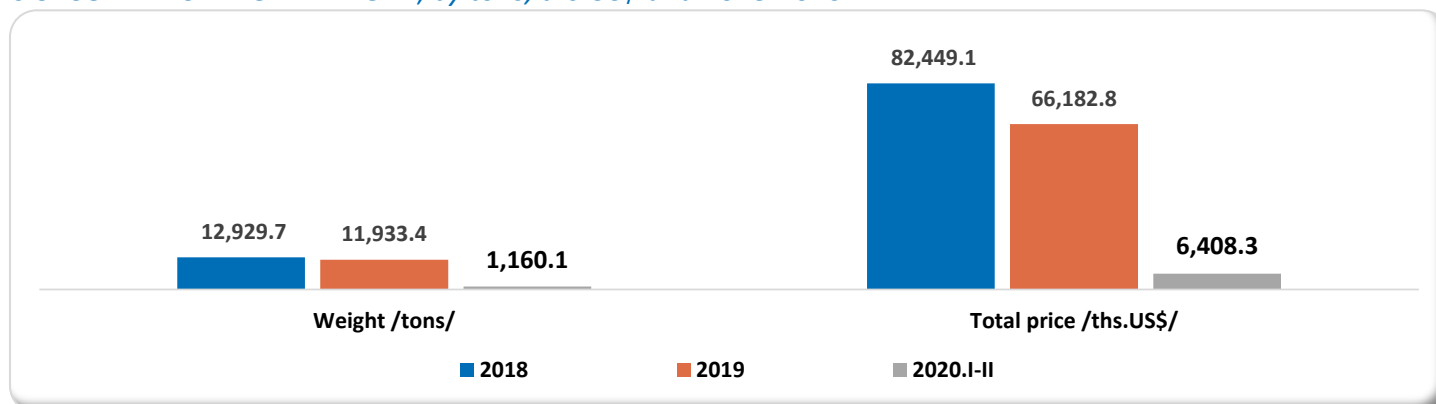


6.2. HEAVY INDUSTRIAL PRODUCTION, by tons, type and months 2018-2020

| | Copper cathode 99% | Metal steel | Metal foundries | Steel casting | Electric wire |
|--------------------------------------|--------------------|-----------------|-----------------|----------------|---------------|
| 2018 | 14,174.6 | 29,178.6 | 31,593.5 | 6,701.6 | 95.2 |
| 2019 | 11,727.6 | 28,425.7 | 26,902.1 | 9,360.4 | 82.0 |
| 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 |
| 2020.I-II | 1,721.2 | 4,789.1 | 7,069.8 | 722.3 | 6.7 |
| 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.II 2019.II | 80.1% | 58.6% | 86.2% | - | 85.7% |
| 2020.I-II 2019.I-II | 76.2% | 66.5% | 93.6% | 103.4% | 39.6% |

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 2018-2020

| | Weight | | Total price | |
|--------------------------------------|-----------------|-------------|-----------------|---------------|
| | Tons | Percent | Ths.US\$ | Percent |
| 2018 | 12,929.7 | 100% | 82,449.1 | 100% |
| 2018.I | 1,161.4 | 9.0% | 7,932.0 | 9.6% |
| 2018.II | 1,160.3 | 9.0% | 7,912.1 | 9.6% |
| 2018.III | 1,160.1 | 9.0% | 7,727.4 | 9.4% |
| 2018.IV | 1,161.1 | 9.0% | 7,737.9 | 9.4% |
| 2018.V | 1,160.8 | 9.0% | 7,679.3 | 9.3% |
| 2018.VI | 1,160.6 | 9.0% | 7,765.4 | 9.4% |
| 2018.VII | 760.4 | 5.9% | 4,791.3 | 5.8% |
| 2018.VIII | 1,361.0 | 10.5% | 8,041.6 | 9.8% |
| 2018.IX | 960.9 | 7.4% | 5,581.0 | 6.8% |
| 2018.X | 961.1 | 7.4% | 5,758.9 | 7.0% |
| 2018.XI | 961.2 | 7.4% | 5,783.2 | 7.0% |
| 2018.XII | 960.8 | 7.4% | 5,739.0 | 7.0% |
| 2019 | 11,933.4 | 100% | 66,182.8 | 100% |
| 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% |
| 2020.I-II | 1,160.1 | 100% | 6,408.3 | 100.0% |
| 2020.I | - | - | - | - |
| 2020.II | 1,160.1 | 100.0% | 6,408.3 | 100.0% |
| 2020.II 2019.II | 152.4% | - | 141.8% | - |
| 2020.I-II 2019.I-II | 76.3% | - | 72.0% | - |

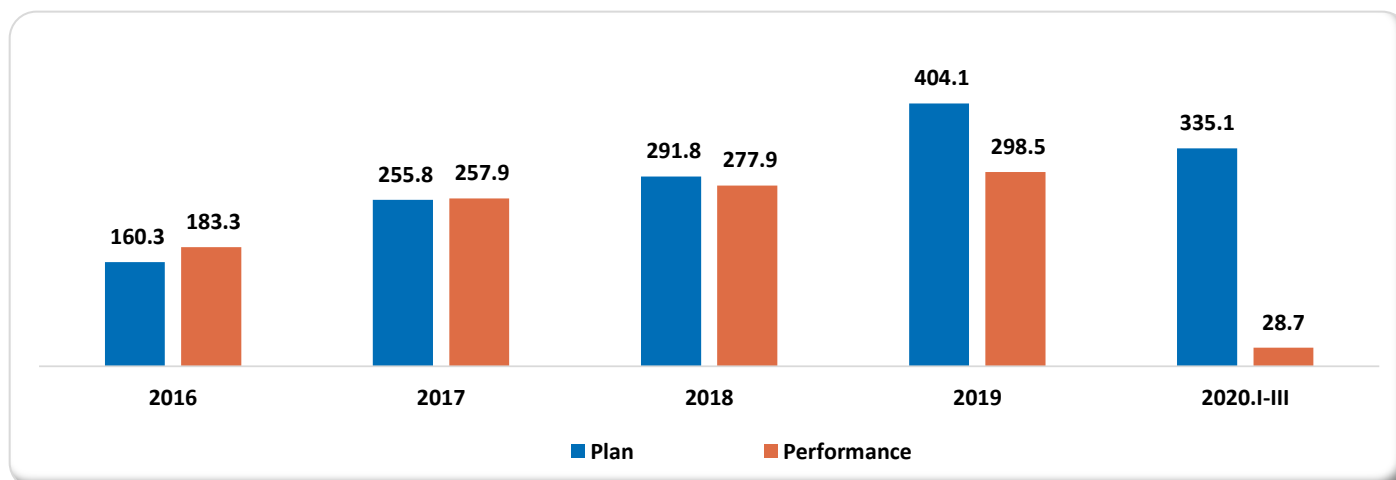
Source: Heavy Industry and Technology Division, MRPAM

7 | STATE BUDGET REVENUE

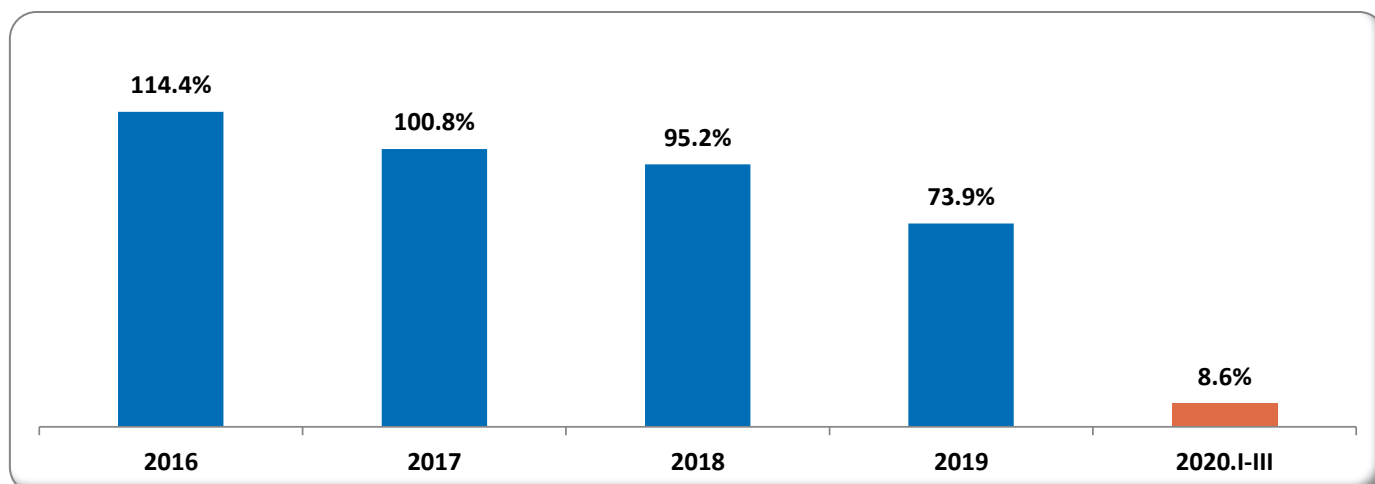
7.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, by million.MNT, income type and 2020

| | Plan of 2020 | 2020.I-III | |
|-------------------------------------|------------------|-----------------|------------------|
| | | Performance | Performance rate |
| TOTAL | 335,100.0 | 28,709.1 | 8.6% |
| License fee | 36,000.0 | 6,024.3 | 16.7% |
| Reimbursement | 5,000.0 | 387.1 | 7.7% |
| Petroleum export revenue | 266,000.0 | 21,262.9 | 8.0% |
| Service revenue (petroleum) | 7,473.0 | 552.9 | 7.4% |
| Service revenue (mineral resources) | 6,627.0 | 481.9 | 7.3% |
| Tender revenue | 14,000.0 | 0.0 | 0.0% |

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



**Monitoring, Evaluation and Statistics Division of
Mineral Resources and Petroleum Authority**

Address:

Government building 12, Barilgachdyn talbai 3, Chingeltei district, Ulaanbaatar 15170, Mongolia

Fax: 11-310370

Tel: 70181308

E-mail: info@mrpam.gov.mn

Web: www.mrpam.gov.mn