



IMPLEMENTING AGENCY OF MONGOLIAN GOVERNMENT
MINERAL RESOURCES AND PETROLEUM AUTHORITY



MINERAL RESOURCES AND PETROLEUM STATISTICS

2021/05



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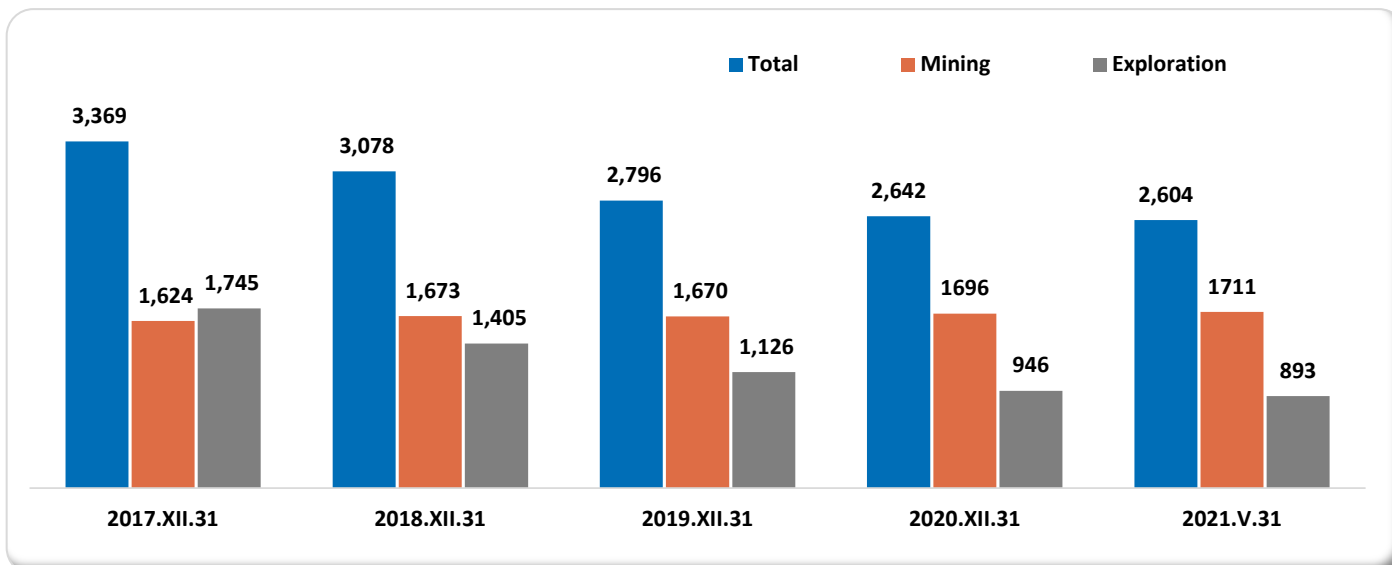
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1.1. NUMBER OF VALID LICENSES AND AREA SIZE, 2021.V.31 , by provinces

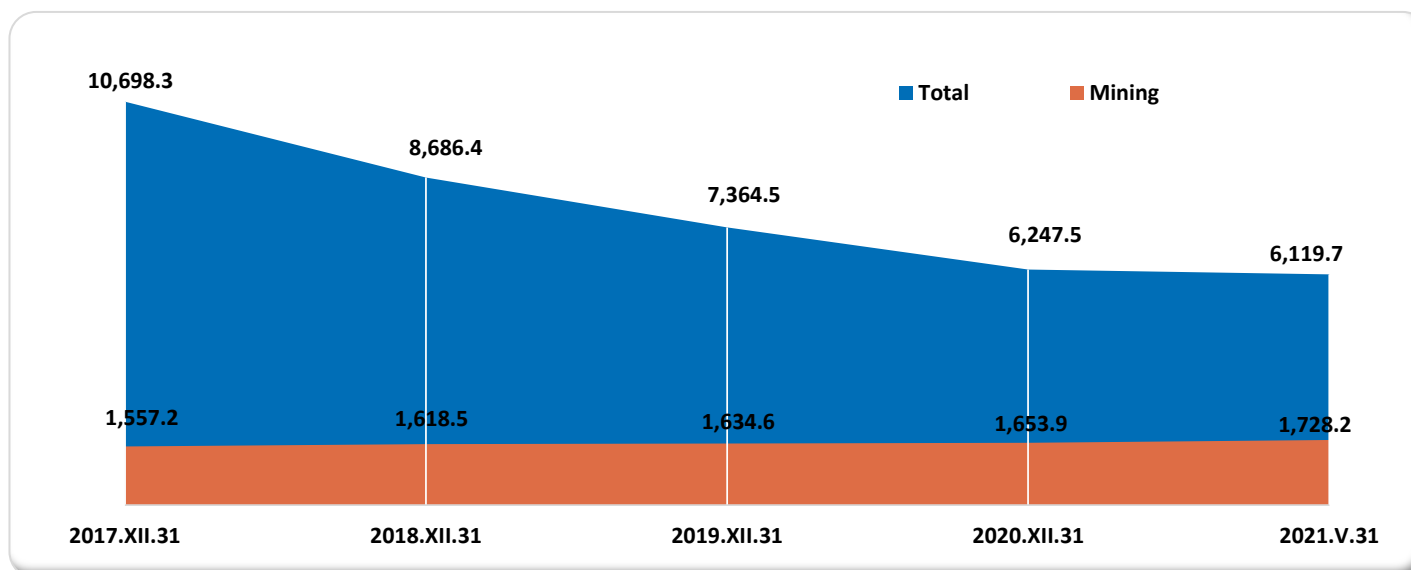
	TOTAL			Of which:					
	Count of licenses	Area size /ths.ha/	Percent of total territory	Mining			Exploration		
				Count of licenses	Area size /ths.ha/	Percent of total territory	Count of licenses	Area size /ths.ha/	Percent of total territory
TOTAL	2,604	6,119.7	3.9%	1,711	1,728.2	1.1%	893	4,391.6	2.8%
Arkhangai	22	17.7	0.3%	17	9.3	0.2%	5	8.4	0.2%
Bayan-Ulgii	54	151.4	3.3%	29	16.4	0.4%	25	135.0	2.9%
Bayankhongor	132	332.9	2.9%	89	122.0	1.1%	43	210.8	1.8%
Bulgan	100	88.3	1.8%	76	38.9	0.8%	24	49.3	1.0%
Govi-Altai	134	581.9	4.1%	55	92.2	0.7%	79	489.7	3.5%
Govisumber	16	44.6	8.1%	13	38.9	7.0%	3	5.8	1.0%
Darkhan Uul	66	9.1	2.8%	61	7.6	2.3%	5	1.5	0.5%
Dornogovi	329	1,062.4	9.7%	201	257.2	2.4%	128	805.1	7.4%
Dornod	153	539.4	4.4%	73	63.7	0.5%	80	475.7	3.9%
Dundgovi	191	592.6	7.9%	112	175.5	2.3%	79	417.2	5.6%
Zavhan	46	178.9	2.2%	10	17.0	0.2%	36	162.0	2.0%
Orkhon	8	11.0	13.1%	8	11.0	13.1%	0	0.0	0.0%
Uvurkhangai	41	97.2	1.5%	27	15.3	0.2%	14	81.9	1.3%
Umnugovi	161	925.0	5.6%	104	479.7	2.9%	57	445.3	2.7%
Sukhbaatar	90	237.0	2.9%	72	68.2	0.8%	18	168.8	2.0%
Selenge	172	84.7	2.0%	140	42.2	1.0%	32	42.5	1.0%
Tuv	381	339.2	4.6%	306	158.2	2.1%	75	181.0	2.4%
Uvs	108	285.3	4.1%	42	19.9	0.3%	66	265.5	3.8%
Ulaanbaatar	156	14.0	3.0%	150	13.1	2.8%	6	0.9	0.2%
Khuvsgul	22	10.6	0.1%	21	10.3	0.1%	1	0.3	0.0%
Khovd	90	217.2	2.9%	37	17.2	0.2%	53	200.0	2.6%
Khentii	212	299.3	3.7%	125	54.3	0.7%	87	245.0	3.0%

Source: Geology and Mining Cadastre Division, MRPAM

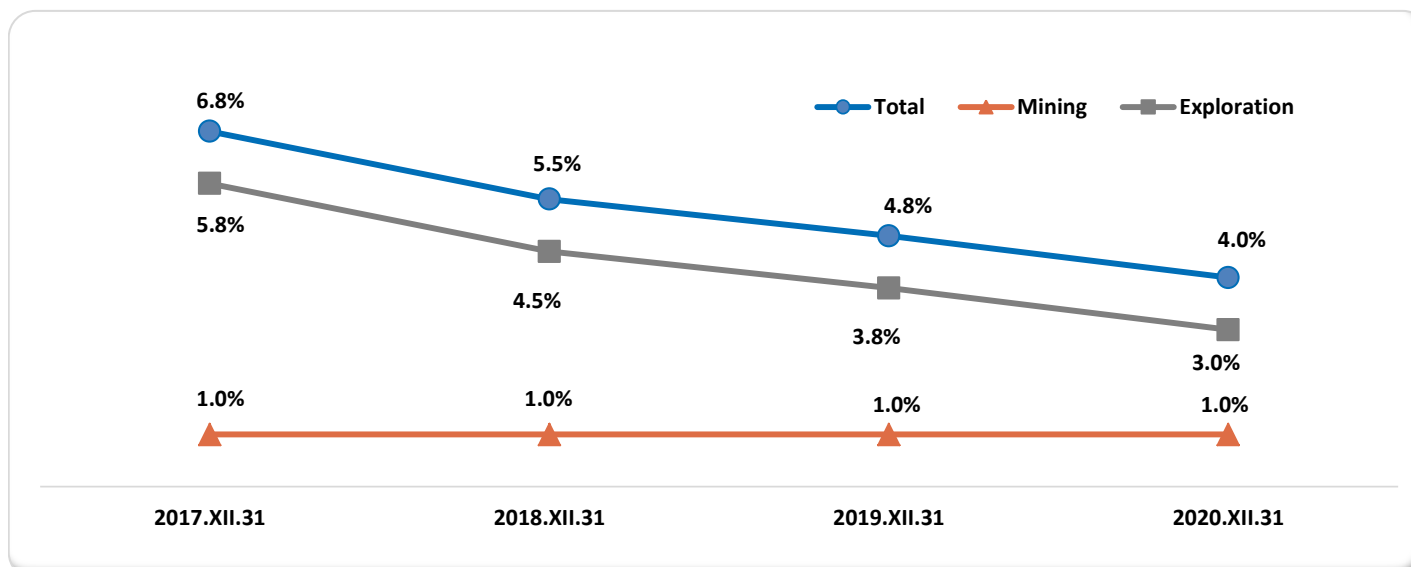
1.2. NUMBER OF TOTAL VALID LICENSES, 2017-2021



1.3. LICENSED AREA, 2017-2021, by thousands.ha



1.4. PERCENT OF TOTAL LICENSED AREA IN MONGOLIA'S TERRITORY, 2017-2021



Source: Geology and Mining Cadastre Division, MRPAM

1.5. NUMBER OF MINING LICENSE, 2021.V.31, by type of minerals

	Mining license		Area size	
	Amount	Share to total	Hectare	Share to total
TOTAL	1711	100%	1,728,185.7	100%
Gold (placer)	441	25.8%	159,736.2	9.2%
Coal	303	17.7%	799,563.2	46.3%
Fluorite	201	11.7%	35,952.0	2.1%
Gold (placer)	90	5.3%	80,784.8	4.7%
Iron	78	4.6%	48,746.8	2.8%
limestone	75	4.4%	46,795.5	2.7%
Common mineral, gravel, sand	70	4.1%	3,684.6	0.2%
Common mineral, mud	45	2.6%	2,610.9	0.2%
Common mineral, aggregate stone	34	2.0%	9,240.3	0.5%
Tungsten	29	1.7%	9,062.1	0.5%
Gypsum	26	1.5%	8,761.2	0.5%
Common mineral, sand	24	1.4%	1,333.4	0.1%
Concentrated metal	23	1.3%	26,976.6	1.6%
Copper	19	1.1%	86,141.4	5.0%
Gold (placer), copper	14	0.8%	86,764.3	5.0%
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	1.0%
Copper, molybdenum	8	0.5%	14,328.3	0.8%
Common mineral, sand stone	8	0.5%	1,553.5	0.1%
Uranium	7	0.4%	76,866.1	4.4%
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	0.4%
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%
Sand, gravel	3	0.2%	21,927.3	1.3%
Gold (placer), silver	3	0.2%	9,587.7	0.6%
Aluminium	3	0.2%	1,370.9	0.1%
Other	128	7.5%	125,008.0	7.2%

Source: Geology and Mining Cadastre Division, MRPAM

1.6. REGISTERED AREA, 2021.V.31, by mln.ha, overlap

	Hectare	Share of total territory
Valid mining licensed area	1.7	1.1%
Valid exploration licensed area	4.4	2.8%
State protected area	33.7	21.5%
Special purpose area	30.3	19.4%
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, 2021.V.31, by provinces

	Number of area		Area size	
	Amount	Share to total	Hectare	Share to total
TOTAL	262	100%	1,063.7	100%
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: Geology and Mining Cadastre Division, MRPAM

1.8. ORIGIN OF LICENSE HOLDERS, by 2021.V.31

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
TOTAL	1698	2604	6,119,751.2	100.0%
Mongolian entities	1361	2067	4,549,347.4	74.3%
100% foreign entities	241	393	1,269,599.4	20.7%
Joint foreign entities	96	144	300,804.5	4.9%

1.9. ORIGIN OF 100% FOREIGN LICENSE HOLDERS, 2021.V.31, by countries

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
TOTAL	241	393	1,269,599.4	100%
China	128	159	292,083.7	23.01%
Virgin Islands	30	56	107,954.8	8.50%
Hong Kong	14	30	88,045.4	6.93%
Singapore	14	58	338,541.8	26.67%
Canada	12	24	250,079.1	19.70%
South Korea	10	12	10,489.2	0.83%
Australia	4	4	22,097.0	1.74%
Russia	4	5	2,490.4	0.20%
Great Britain	3	4	6,038.7	0.48%
Holland	3	11	103,935.7	8.19%
Germany	2	2	603.9	0.05%
Bermud	2	3	7,314.3	0.58%
United States of America	2	4	2,442.3	0.19%
Japan	2	3	3,015.1	0.24%
Luxemburg	2	6	13,528.2	1.07%
Thailand	1	1	3,027.9	0.24%
Virgin Islands, Singapore	1	1	1,934.0	0.15%
Bulgaria	1	1	3,700.9	0.29%
Russia, South Korea	1	1	118.2	0.01%
Russia, China	1	1	47.5	0.00%
Seychelles	1	1	375.2	0.03%
Barbados	1	3	9,183.0	0.72%
Malaysia	1	2	2,416.5	0.19%
Kazakhstan	1	1	136.5	0.01%

Source: Geology and Mining Cadastre Division, MRPAM

1.10. ORIGIN OF JOINT FOREIGN LICENSE HOLDERS, 2021.V.31, *by countries*

	Holder	License	Area size	
	Number	Number	Hectare	Share to total
TOTAL	96	144	300,804.5	100%
Mongolia, China	45	63	89,272.3	29.7%
Mongolia, South Korea	10	15	24,409.9	8.1%
Mongolia, Russia	8	12	3,929.1	1.3%
Mongolia, Virgin Islands	6	10	35,233.8	11.7%
Mongolia, Japan	4	7	13,386.0	4.5%
Mongolia, Germany	3	4	5,911.9	2.0%
Mongolia, Singapore	3	4	4,296.9	1.4%
Mongolia, Great Britain	2	2	5,135.2	1.7%
Mongolia, Czech Republic	2	5	28,576.6	9.5%
Mongolia, Hong Kong	2	7	23,454.2	7.8%
Mongolia, Canada	1	1	3,957.7	1.3%
Mongolia, Canada, China	1	1	6,352.8	2.1%
Mongolia, United States of America, Virgin Islands, South Korea	1	1	3,766.7	1.3%
Mongolia, Kazakhstan	1	1	1,789.4	0.6%
Mongolia, Bulgaria	1	3	1,083.7	0.4%
Mongolia, Luxemburg	1	1	3,273.9	1.1%
Mongolia, Poland	1	1	1,561.3	0.5%
Mongolia, Singapore, Hong Kong	1	1	1,469.5	0.5%
Mongolia, Hungary	1	1	87.4	0.0%
Mongolia, Hong Kong, Japan	1	3	43,809.3	14.6%
Mongolia, Russia, Ukraine	1	1	46.9	0.0%

Source: Geology and Mining Cadastre Division, MRPAM

1.11. PLEDGING LICENSES, 2021.V.31, by bank and non-bank financial institute

	License		Area	
	Number	Share to total	Hectare	Share to total
TOTAL	220	100%	164,329.5	100%
Trade and Development Bank	45	20.8%	24,484.1	14.9%
Golomt Bank	31	14.9%	26,378.2	16.1%
Development Bank of Mongolia	26	11.8%	19,706.5	12.0%
HAAN Bank	14	6.3%	2,239.6	1.4%
Capital Bank	8	3.6%	1,068.8	0.7%
XAC Bank	8	3.6%	2,438.4	1.5%
Anod Bank	8	3.6%	7,427.3	4.5%
Chinggis Khan Bank	8	3.6%	3,441.6	2.1%
European Bank for Reconstruction and Development	7	3.2%	2,658.5	1.6%
Golomt, Saving, Zoos, Anod Banks	6	2.7%	3,277.7	2.0%
Capitron bank	5	2.3%	6,710.5	4.1%
Credit bank	4	1.8%	284.8	0.2%
State Bank	4	1.4%	570.6	0.3%
Khutult nomgon	3	1.4%	279.1	0.2%
Bogd bank	3	1.4%	154.0	0.1%
Triple flag mining finance Bermuda Ltd	3	1.4%	13,017.0	7.9%
Export-Import Bank of China	3	1.4%	1,092.0	0.7%
GSB capital NBFi	3	1.4%	9,484.0	5.8%
Bank of China	3	0.9%	871.6	0.5%
First lithium Corporation	2	0.9%	17,131.1	10.4%
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%
Other	20	9.0%	20,330.6	12.4%

Source: Geology and Mining Cadastre Division, MRPAM

1.12. LIST OF LICENSE HOLDERS WITH 10 AND ABOVE LICENSES, 2021.V.31

No	Name of entity	Number of license	Area size /ha/	Company type	Nationality
1	Mongolrosvetmet	27	15,145.4	mongolian legal entity	Mongolia
2	Mongolyn alt Mak	23	62,251.0	mongolian legal entity	Mongolia
3	Gatsuurt	15	8,175.3	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	Khunnu gobi altai	12	2,206.7	mongolian legal entity	Mongolia
8	MAK cement	11	4,119.1	mongolian legal entity	Mongolia
9	Platinum land	11	3,621.3	mongolian legal entity	Mongolia
10	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, 2021.V.31

No	Name of entity	Number of license	Area size /ha/	Company type	Nationality
1	Tsaina investment mongolia	15	207,645.0	100% foreign invested entity	Singapore
2	Ion energy	2	111,529.2	100% foreign invested entity	Canada
3	Monlaa	4	108,679.0	mongolian legal entity	Mongolia

Source: Geology and Mining Cadastre Division, MRPAM

1.14. RECEIVED APPLICATION, 2017-2021, by application type

	2017	2018	2019	2020	2021.I-V
TOTAL	813	1187	698	502	295
New license	288	226	218	253	139
Mining	65	78	73	87	16
Exploration	0	0	0	0	0
Tender	223	148	145	166	123
Extension of exploration license	231	657	273	75	100
Transfer	153	157	72	80	32
Mining	78	25	24	32	7
Exploration	75	132	48	48	25
Pledge	37	61	25	28	16
Mining	32	58	24	28	15
Exploration	5	3	1	0	1
Surrender	104	86	110	66	8
Mining	14	12	12	16	0
Exploration	90	74	98	50	8

1.15. CHANGES IN LICENSE REGISTRATION, 2017-2021, by license type

	2017	2018	2019	2020	2021.I-V
New license	151	85	130	90	49
Mining	77	61	59	55	20
Exploration	41	5	0	8	0
Tender	33	19	71	27	29
Surrendered	97	91	93	71	7
Mining	13	11	11	16	0
Exploration	84	80	82	55	7
Canceled	237	181	189	140	47
Mining	35	33	70	52	16
Exploration	202	148	119	88	31
Expired	176	209	199	133	52
Transferred	136	172	71	83	29
Mining	62	38	24	35	5
Exploration	74	134	47	48	24
Extended	162	566	300	68	55
Pledged	39	56	23	27	6
Mining	34	53	23	27	6
Exploration	5	3	0	0	0
Terminated pledges	39	27	31	28	5
Mining	38	26	30	28	5
Exploration	1	1	1	0	0
Re-issue of license documents	26	40	27	17	3
Mining	19	13	14	11	2
Exploration	7	27	13	6	1

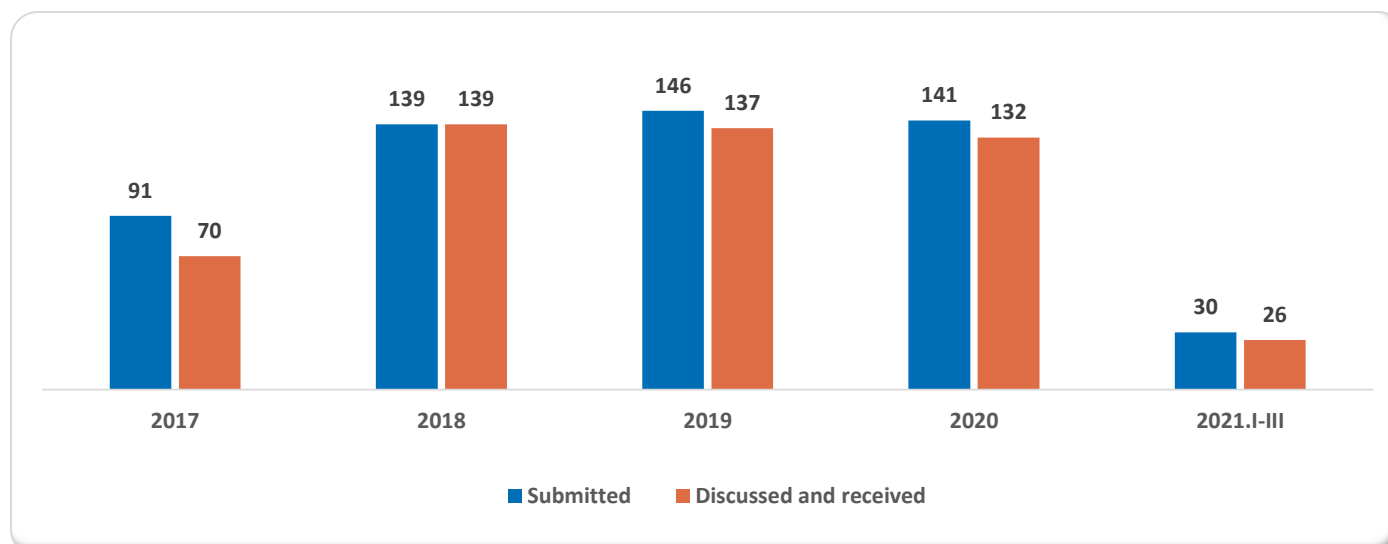
Source: Geology and Mining Cadastre Division, MRPAM

2.1. GEOLOGICAL AND EXPLORATION SURVEY CONDUCTED AT EXPENSES OF THE EXPLORATION LICENSE, 2018-2019 (2021.IV.15), by million MNT and type work

	2019		2020	
	Amount	Share to total	Amount	Share to total
TOTAL	141,542.1	100%	54,126.3	100%
Preparation	3,837.7	2.7%	1,280.0	2.4%
Mapping	2,119.2	1.5%	730.0	1.3%
Geological survey	2,498.3	1.8%	625.0	1.2%
Sampling	1,296.4	0.9%	532.0	1.0%
Geophysical work	10,252.5	7.2%	3,656.0	6.8%
Mining	7,600.0	5.4%	3,734.0	6.9%
Drilling	84,114.5	59.4%	30,738.0	56.8%
Indoor, laboratory investigation	4,887.6	3.5%	2,630.0	4.9%
Laboratory	13,472.0	9.5%	5,490.0	10.1%
Transport	7.0	0.0%	3.3	0.0%
Topogeodetic work	4,297.9	3.0%	1,775.0	3.3%
Hydrogeological work	1,329.7	0.9%	744.0	1.4%
Geocological survey	3,150.3	2.2%	1,050.0	1.9%
Archeology	522.0	0.4%	174.0	0.3%
Environment reclamation	459.5	0.3%	153.0	0.3%
Field sampling	494.8	0.3%	311.0	0.6%
Assume expenses	782.6	0.6%	261.0	0.5%
Other	420.1	0.3%	240.0	0.4%

Source: Geology and Exploration Division, MRPAM

2.2. RECEIVED EXPLORATION REPORT, 2017-2021



2.3. MINERAL RESOURCE RESERVES REGISTERED IN THE STATE'S INTEGRATED REGISTRATION, 2021.I-III

	Deposit	Resource		
		Unit	Ore	Metal
Gold (rock)	4	ths.t/kg	141,020.2	55,754.5
Iron		ths.t	1,366.2	
Iron	2	ths.t		373.1
Zinc		ths.t		3.2
Fluorspar	2	ths.t	93.1	39.1
Manganese	2	ths.t	766.0	97.1
Coal	3	mln.t	182.4	
Limestone	2	ths.t	249,114.1	
Aggregate stone	3	ths.t	31,417.8	
Gypsum	1	ths.t	161.2	
Mud	1	ths.m3	586.9	
Sand gravel	2	ths.m3	1,381.7	
Sand	1	ths.t	3,358.7	
Занар	1	ths.m3	21,976.5	
Marble	1	ths.m3	5,274.2	
PETROLEUM	1	mln.barrel	1.0	

Source: Geology and Exploration Division, MRPAM

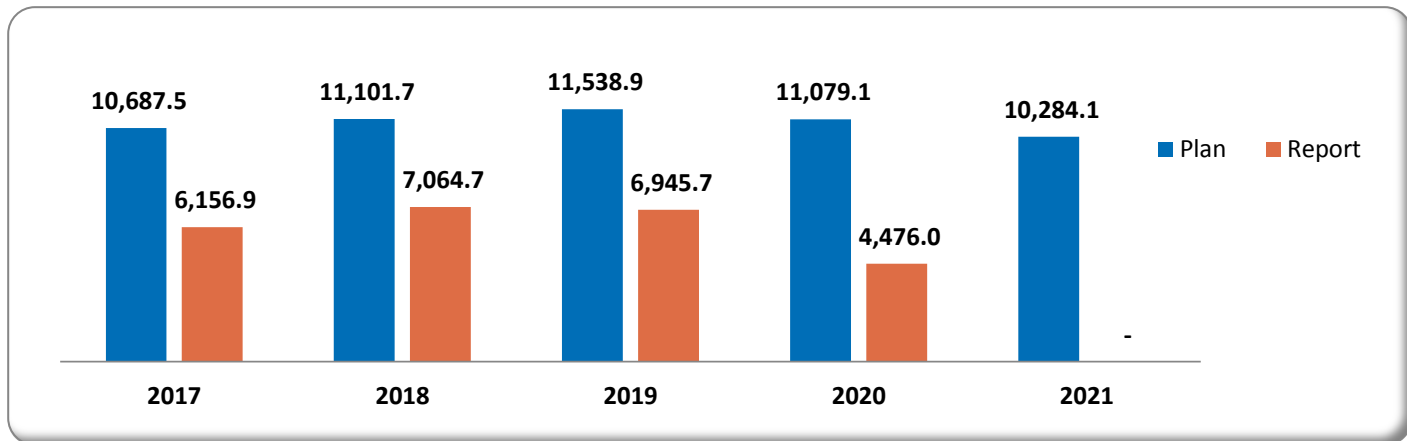
3 | MINING

3.1. MINERAL MINING ACTIVITY PLAN AND REPORT OFFICIAL STATUS, 2017-2021, (2021.VI.03)

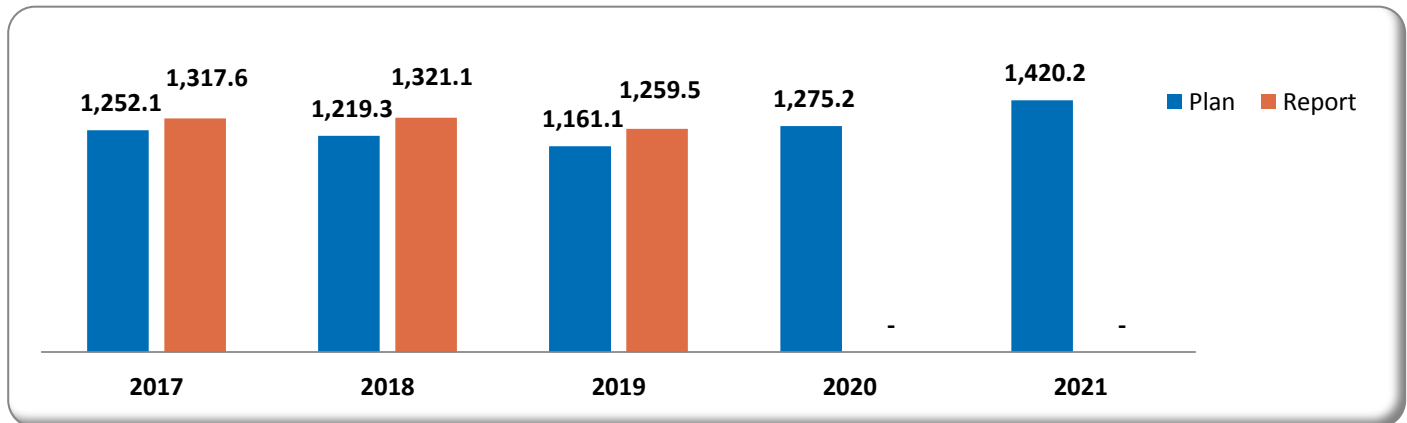
	Plan			Report		
	Submitted	Formal	Formal %	Submitted	Formal	Formal %
2017	476	416	87.4%	259	233	90.0%
2018	488	388	79.5%	277	258	93.1%
2019	515	420	81.6%	288	257	89.2%
2020	491	363	73.9%	249	92	36.9%
2021	461	313	67.9%	-	-	-

Exp: Included coal.

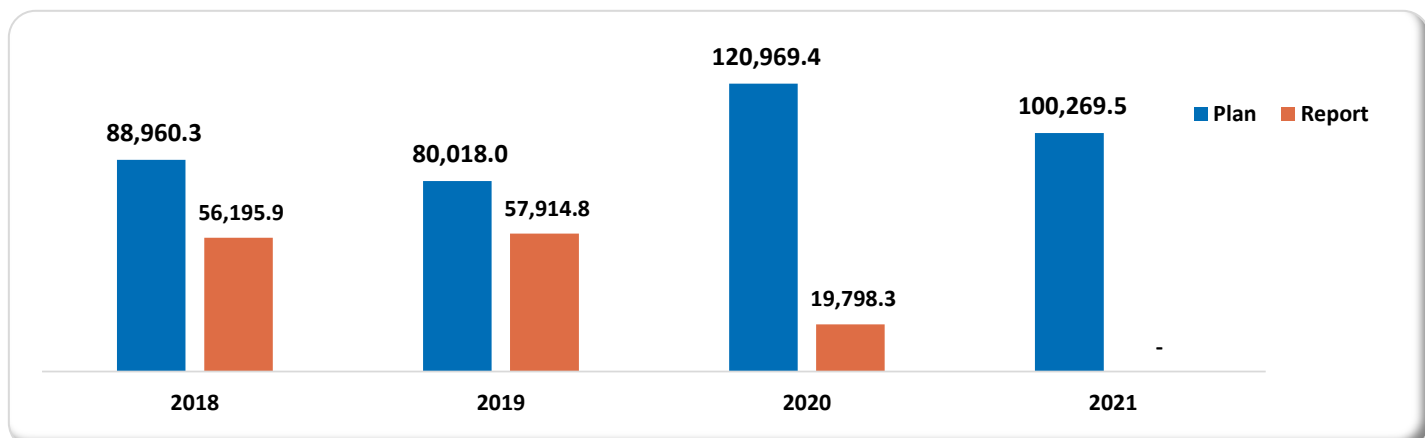
3.2. GOLD PRODUCTION, 2017-2021 (2021.VI.03), by kg, mined from hard rock and placer deposits



3.3. COPPER CONCENTRATE PRODUCTION, 2017-2021 (2021.VI.03), by ths.tons



3.4. COAL PRODUCTION, 2021.VI.03, by ths tons



Source: Mining Research Division and Coal Research Division, MRPAM

3.5. MINERAL PRODUCTION, 2019-2021 (2021.VI.03), by mineral type

	Unit of measurement	2019		2020		2021	
		Plan	Report	Plan	Report	Plan	Report
Gold (Total)	kg	18,013.2	14,615.3	15,888.9	4,476.0	45,260.1	-
Gold (Amount of gold that accompanies the concentrate)	kg	6,474.3	7,615.5	4,809.8	-	34,975.9	-
Gold (Total amount of gold to be mined from hard rock and placer)	kg	11,538.9	6,999.7	11,079.1	4,476.0	10,284.1	-
Gold (Amount of gold to be extracted from the hard rock)	kg	3,863.8	2,045.0	4,698.1	124.8	4,745.1	-
Gold (Amount of gold to be mined from placer deposits)	kg	7,675.1	4,954.8	6,381.0	4,351.3	5,539.0	-
Building materials							
Lime	ths.tons	114.7	55.6	245.6	2.8	125.7	-
Limestone	ths.tons	1,761.8	412.4	1,187.7	145.9	1,324.4	-
Clinker	ths.tons	14.0	-	814.0	-	26.6	-
Cement	ths.tons	1,706.7	1,706.7	869.2	662.8	1,950.0	-
Mineral powder	ths.tons	31.0	-	-	-	31.0	-
Crystal	ths.tons	61.8		61.8	-	6.1	-
Marble	ths.tons	231.6	3,080.4	252.9	2.6	256.8	-
Gypsum	ths.tons	243.2	107.1	166.6	59.4	102.1	-
Tungsten	tons	1,544.7	165.5	621.7	-	1,628.9	-
Copper	ths.tons	1,161.1	1,259.5	1,275.2	-	1,420.2	-
Copper (Cathode)	tons	10.0	9.7	10.0	-	7.8	-
Manganese	ths.tons	230.6	-	129.1	-	208.7	-
Molybdenum	ths.tons	4.8	5.3	4.7	-	5.0	-
Silver	kg	4,229.3	2,972.6	12,761.9	-	9,890.7	-
Silver concentrate	ths.tons	-	-	194.6	-	7.8	-
Silver (Amount of silver accompanying concentrate)	kg	68,472.5	76,891.6	65,000.1	-	73,329.3	-
Iron	ths.tons	14,193.0	9,756.7	15,220.5	9,715.8	13,565.1	-
Whole iron concentrate	ths.tons	5,176.6	1,505.8	5,087.5	2,803.4	3,891.4	-
Iron powder concentrate	ths.tons	7,201.8	2,549.7	6,769.2	2,422.9	6,977.8	-
Iron ore	ths.tons	1,814.6	2,226.9	3,260.9	2,862.4	1,002.0	-
Powdered iron ore	ths.tons	-	3,474.3	103.0	1,627.2	1,694.0	-
Uranium	tons	16.5	-	22.3	-	29.8	-
Fluorite	ths.tons	1,805.9	370.8	2,207.4	109.3	1,736.5	-
Fluorite concentrate AG-97	ths.tons	219.9	58.3	129.0	8.3	114.7	-
Fluorite concentrate AG-95	ths.tons	90.2	41.0	120.9	22.6	27.3	-
Gravitational fluorite МГФ 55-85	ths.tons	6.3		-	-	-	-
Whole fluorite МГ-92	ths.tons	28.0	2.8	28.2	4.2	38.2	-
Whole fluorite МГ-85	ths.tons	65.0	3.5	30.0	-	63.5	-
Whole fluorite МГ-80	ths.tons	16.3	1.1	12.7	-	2.7	-
Whole fluorite МГ-75	ths.tons	171.6	32.9	199.9	2.8	164.4	-
Whole fluorite МГ-65	ths.tons	1.6	15.1	6.2	7.8	9.5	-
Fluorite ore ФР	ths.tons	1,207.0	216.2	1,680.4	63.7	1,158.9	-
Blue lead	ths.tons	19.5	29.6	16.4	-	17.2	-
Polishing stone	ths.tons	26.3	369.9	-	-	26.8	-
Tin	tons	71.7	26.4	-	-	78.2	-
Zinc	ths.tons	136.3	123.7	129.6	-	112.5	-
Zeolite	ths.tons	39.7	-	105.2	-	-	-
Coal production	ths.tons	80,018.0	57,914.8	120,969.4	19,798.3	100,269.5	-

Source: Mining Research Division and Coal Research Division, MRPAM

3.6. REHABILITATION WORK BY MINING LICENSE HOLDERS, 2016-2019 (2021.II.28)

	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

3.7. AREA COVERED BY MINING AND REHABILITATION AREA IN 2019 (2021.II.28)*, by provinces

	Count of entities	Area covered by mining		Area covered by technical rehabilitation		Area covered by biological rehabilitation	
		Ha	Percent	Ha	Percent	Ha	Percent
		TOTAL	261	7,078.9	100%	1,927.6	100%
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%

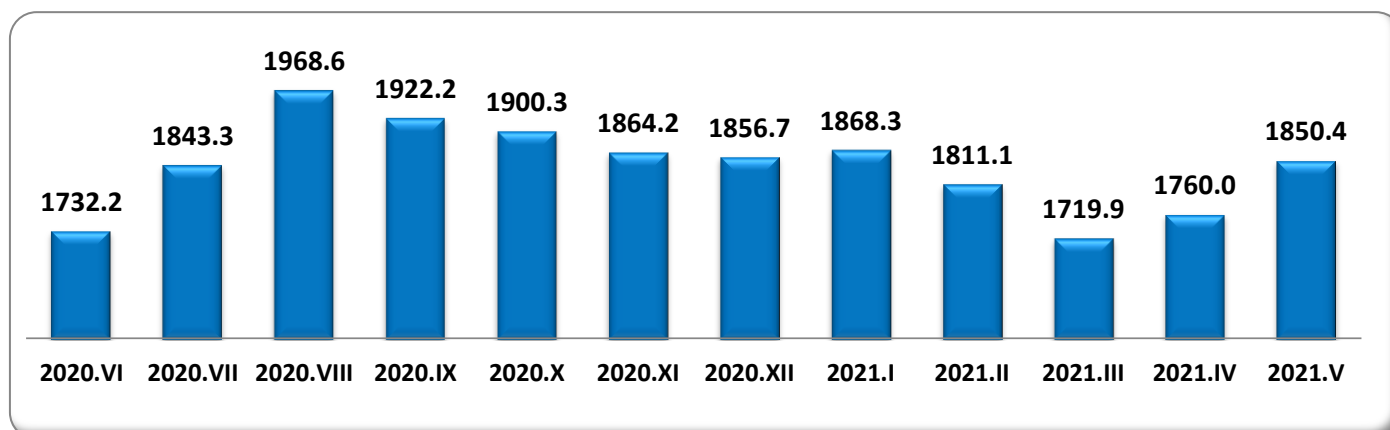
*Based on data from the 2019 Mining Report for Minerals Other than Common Minerals.

Source: Mining Production and Technology Division, MRPAM

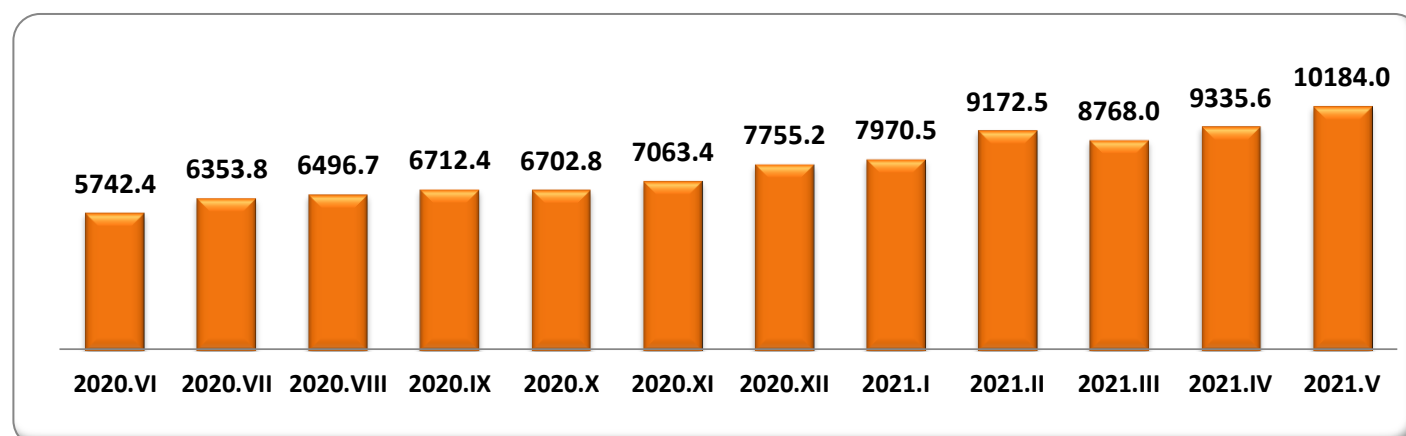
3.8. AVERAGE OF MINERAL PRICES ON THE WORLD MARKET, 2020-2021

	Unit of measurement	2020	2020.V	2021.IV	2021.V	$\frac{2021.V}{2020.V}$	$\frac{2021.V}{2021.IV}$
Gold	\$/ounce	1,751.6	1,716.4	1,760.0	1,850.4	107.8%	105.1%
Silver	\$/ounce	19.7	16.2	25.6	27.5	169.2%	107.1%
Copper	\$/tons	5,920.3	5,233.8	9,335.6	10,184.0	194.6%	109.1%
Zinc	\$/tons	2,172.1	1,963.4	2,827.4	2,970.3	151.3%	105.1%
Blue lead	\$/tons	1,798.2	1,618.2	2,006.3	2,185.9	135.1%	109.0%
Tin	\$/tons	16,730.3	15,408.5	28,508.1	32,524.3	211.1%	114.1%
Molybdenum	\$/tons	18,925.5	19,356.6	24,515.4	29,150.1	150.6%	118.9%
Manganese 36%	\$/tons	202.7	264.1	184.6	189.7	71.8%	102.8%
Tungsten, 99%	\$/tons	31,217.0	30,500.0	33,000.0	36,000.0	118.0%	109.1%
Tungsten, 65%	\$/tons	11,972.7	11,037.1	14,752.3	15,122.4	137.0%	102.5%
Iron ore 56%	\$/tons	79.4	73.0	142.2	166.3	227.7%	116.9%
Iron ore 60% concentrate	\$/tons	91.7	84.5	163.4	192.2	227.6%	117.6%
Fluorite concentrate AG-97	\$/tons	375.0	385.0	325.0	325.0	84.4%	100.0%
Fluorite ore MG-85	\$/tons	300.0	300.0	300.0	300.0	100.0%	100.0%
Uranium	\$/kg	66.1	74.8	63.7	69.2	92.5%	108.6%

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

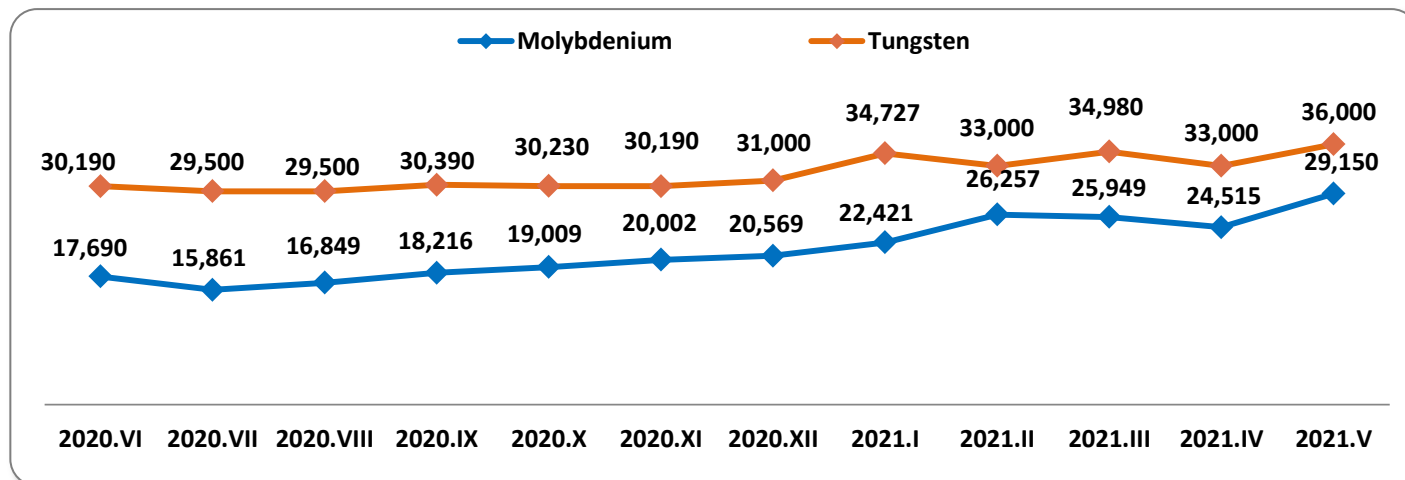


3.10. AVERAGE PRICE OF COPPER ON THE WORLD MARKET, in last 12 months, by US\$/tons

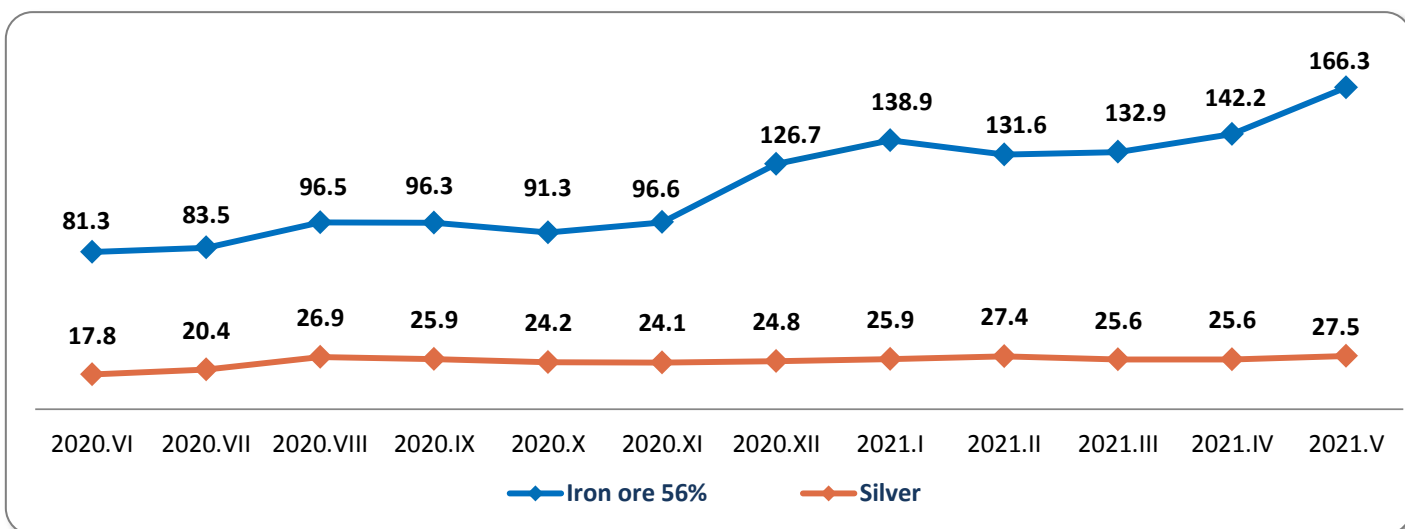


Source: www.kitco.com, www.westmetall.com, www.lme.com, www.asianmetal.com, www.lndmin.com, www.umetal.com, www.sxcoal.com

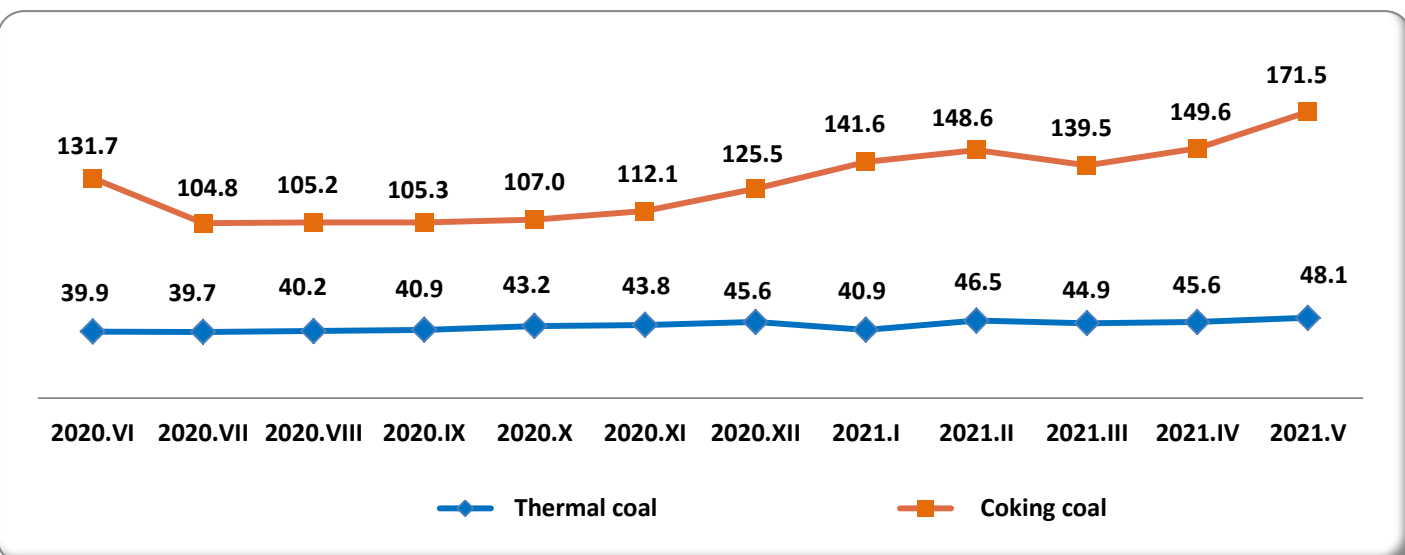
3.11. AVERAGE PRICE OF TIN, MOLYBDENIUM AND TUNGSTEN ON THE WORLD MARKET, in last 12 months, by US\$/tons



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



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



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

3.14. LIST OF COMPANIES REGISTERED WITH INTERNATIONAL STOCK EXCHANGE COMPANIES OPERATING IN MONGOLIA'S MINING SECTOR, 2020-2021

	Stock exchange	Symbol	Currency	Average price						Market value /2021.VI.03/
				2020	2020.V	2021.IV	2021.V	<u>2010.V</u> 2020.V	<u>2021.V</u> 2021.IV	
Turquoise Hill Resources Ltd.	NYQ	TRQ	USD	2.960	0.572	18.176	18.13	3170%	99.7%	3.665B
Peabody Energy Corporation	NYQ	BTU	USD	3.53	3.2	3.778	5.93	185.3%	157.0%	768.626M
Rio Tinto plc	LSE	RIO.L	GBp	4,394.8	3,957.5	5,944.1	6,225.6	157.3%	104.7%	102.076B
Mongolia Energy Corporation Limited	HKG	0276.HK	HKD	0.72	0.436	1.05	1.12	257%	106.7%	208.82M
Mongolian Mining Corporation	HKG	0975.HK	HKD	0.5	0.373	2.02	2.48	665%	122.8%	2.83B
South Gobi Resources Ltd.	HKG	1878.HK	HKD	0.63	0.541	1.36	1.630	301.3%	119.9%	827.386M
Centerra Gold Inc.	TOR	CG.TO	CAD	12.85	13.072	11.59	9.120	69.8%	78.7%	2.911B
Erdene Resource Development Corporation	TOR	ERD.TO	CAD	0.35	0.229	0.366	0.35	152.8%	95.6%	110.106M
Entrée Resources Ltd.	TOR	ETG.TO	CAD	0.4	0.361	0.78	0.78	216.1%	100.0%	174.665M
Silver Elephant Mining Corp.	TOR	ELEF.TO	CAD	0.34	-	0.39	0.34	-	87.2%	67.67M
Steppe Gold Ltd	TOR	STGO.TO	CAD	1.78	1.566	2.15	2.05	130.9%	95.3%	147.109M
Kincora Copper Limited	VAN	KCC.V	CAD	0.09	0.106	0.24	0.29	273.6%	120.8%	33.799M
Altan Rio Minerals Limited	VAN	AMO.V	CAD	0.11	-	0.17	0.12	-	70.6%	11.041M
Xanadu Mines Limited	ASX	XAM.AX	AUD	0.04	0.034	0.07	0.06	176%	85.7%	60.27M
Aspire Mining Limited	ASX	AKM.AX	AUD	0.08	0.077	0.09	0.08	103.9%	88.9%	42.134M
Haranga Resources Limited	ASX	HAR.AX	AUD	-	-	-	-	-	-	-
Tian Poh Resources Limited	ASX	TPO.AX	AUD	0.05	-	0.045	0.045	-	100.0%	17.393M
TerraCom Limited	ASX	TER.AX	AUD	0.17	0.135	0.09	0.12	88.9%	133.3%	90.433M
Viking Mines Limited	ASX	VKA.AX	AUD	0.01	0.008	0.037	0.03	375.0%	81.1%	30.945M
Banpu Public Company Limited	SET	BANPU.BK	THB	7.23	6.681	12.1	11.59	173.5%	95.8%	69.522B
Petro Matad Limited	LSE	MATD.L	GBp	2.78	2.425	3.71	6.996	288.5%	188.6%	53.151M
Wolf Petroleum Limited	ASX	WOF.AX	AUD	-	-	-	-	-	-	-
Elixir Energy Limited	ASX	EXR.AX	AUD	0.12	-	0.38	0.34	-	89.5%	276.214M

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

3.15. LIST OF COMPANIES REGISTERED WITH INTERNATIONAL STOCK EXCHANGE COMPANIES OPERATING IN MONGOLIA'S MINING SECTOR, 2020-2021

	Symbol	Average price					
		2020	2020.V	2021.IV	2021.V	$\frac{2021.V}{2020.V}$	$\frac{2021.V}{2021.IV}$
Tavantolgoi	TTL	5,851	5,450	7,189	6,932	127.2%	96.4%
Baganuur	BAN	960	864	969	1,007	116.5%	103.9%
Shivee-Ovoo	SHV	1,962	1,900	1,723	1,632	85.9%	94.7%
Aduunchuluun	ADL	1,055	1,027	902	836	81.4%	92.7%
Shariin Gol	SHG	990	977	893	876	89.7%	98.1%
Erdene Resource Development Corporation	ERDN	716	512	920	896	175.0%	97.4%
Mogoin gol	BDL	7,768	7,000	8,784	-	-	-
Bayanteeg	BTG	25,934	-	23,500	-	-	-
Berkh-Uul	BEU	558	700	2,202	-	-	-
Khar Tarvagatai	TVT	4,674	-	-	-	-	-
Taliin Gal	TAL	18	-	-	-	-	-
Mongol Basalt	MBW	210	208	174	166	79.9%	95.5%
Mongol Ceramic	KEK	16,500	-	16,500	-	-	-
Silikat	SIL	47	-	40	44	-	109.1%
Sonsgolon barmat	SSG	1,086	-	1,810	-	-	-
Remicon	RMC	27	27	31	28	105.1%	92.5%
Arig Tal	EER	2,815	2,753	2,873	-	-	-
Niislel-Urguu	NUR	2,327	-	-	-	-	-
Erchim Bayan-Ulgii	BOE	-	-	-	-	-	-
Khukh Gan	HGN	72	79	80	-	-	-
Nako Tulsh	NKT	28	-	-	-	-	-

Source: www.mse.mn

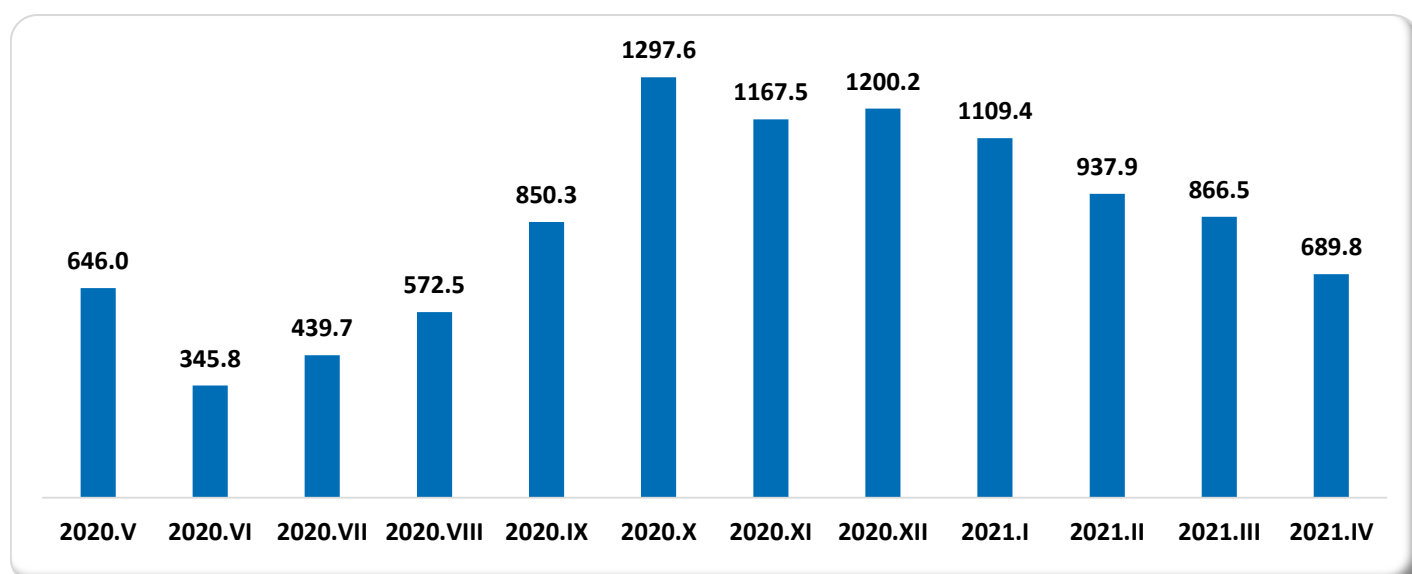
3.16. STRIPING, COAL PRODUCTION, SALE AND EXPORT, 2016-2021

	Striping /ths.m3/	Coal production /ths.tons/	Coal sale /ths.tons/	Coal export /ths.tons/
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
2021.I-IV	89,187.1	15,784.9	13,580.1	9,976.5

3.17. COAL SALE, 2021.I-IV, by ths.tons and type

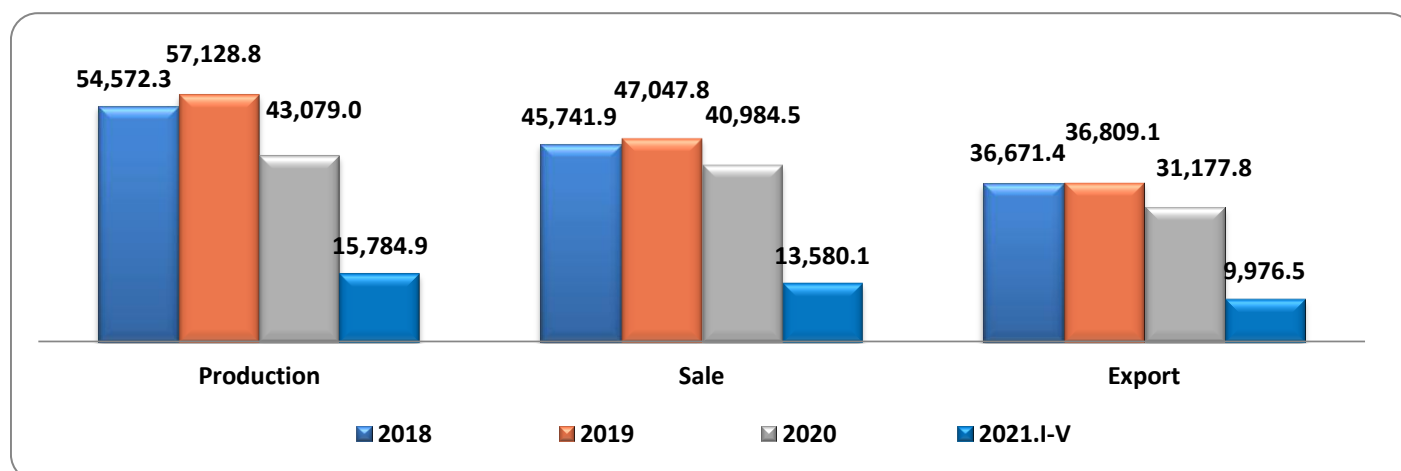
	TOTAL	Export	Local
БҮГД	13,580.1	9,976.5	3,603.6
Washed coking coal	1,402.1	1,402.1	0.0
Raw coking coal	5,638.0	5,638.0	0.0
Weak coking coal	1,784.5	1,784.5	0.0
Thermal coal	1,151.9	1,151.9	0.0
Brown coal	3,603.6	0.0	3,603.6

3.18. LOCAL COAL SALE, in last 12 months, by ths.tons



Source: Coal Research Division, MRPAM

3.19. COAL PRODUCTION, SALE AND EXPORT, 2018-2021, by ths.tons



3.20. COAL PRODUCTION, SALE AND EXPORT, 2020-2021, by ths.tons

	Production	Sale	Export
2020	43,079.0	40,984.5	31,177.8
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
2021.I-IV	15,784.9	13,580.1	9,976.5
2021.I	4,877.2	4,394.7	3,285.4
2021.II	4,202.2	3,574.1	2,636.1
2021.III	3,742.7	3,359.6	2,493.1
2021.IV	2,962.8	2,251.7	1,561.9
<u>2021.IV</u> 2020.IV	174.3%	132.4%	186.7%
<u>2021.I-IV</u> 2020.I-IV	172.4%	188.1%	253.7%

Source: Coal Research Division, MRPAM

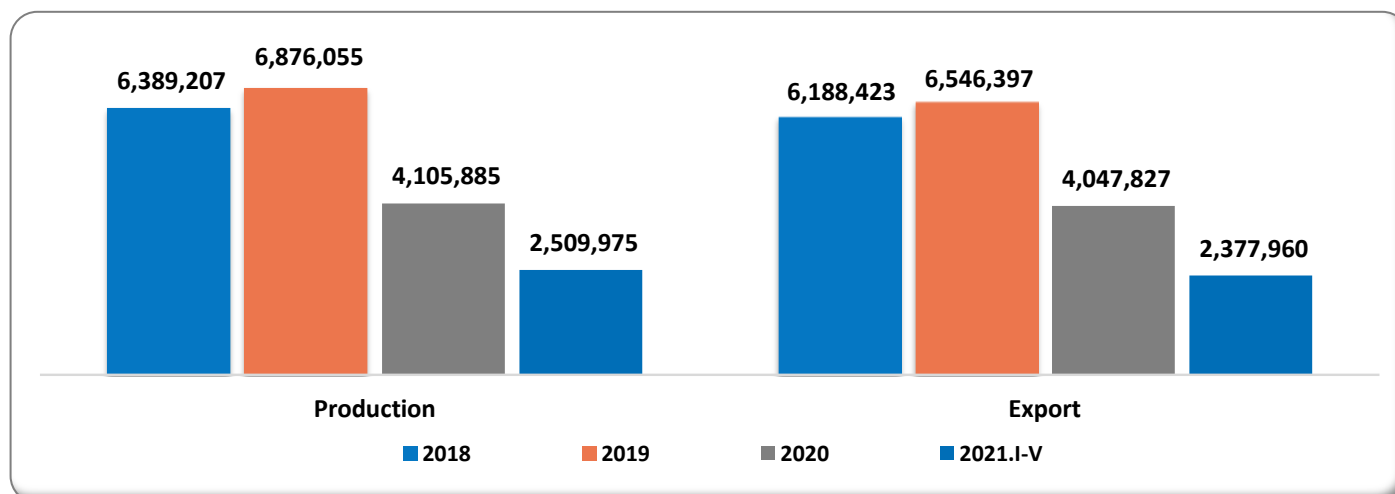
3.21. MINING AND PETROLEUM EXAMINATION AND TESTING CENTRAL LABORATORY, 2021.V

Type of coal	Classification	Border name	Deposit name	Gelificatio n index	Volatile matter	Ash	Sulfur value	Total moisture	Caloric value
				GI	V ^{daf} %	A ^d %	S _t ^d %	W ^t %	Q ^{ar} kcal/kg
Antracite	Antracite	Khangi	Ikh govi Energy	0.0	7.7	10.6	0.37	2.5	7159
Raw coal	<i>Coal</i>								
	Coking	Gahsuun sukhait	Erdenes tavan tolgoi	84.4	27.6	18.0	1.03	3.9	7322
			Tavan tolgoi	75.8	28.2	17.2	1.29	2.3	6572
	Weak coking	Khangi	Dadiin khar tolgoi	75.6	42.9	23.2	0.44	5.2	6328
		Gahsuun sukhait	Tavan tolgoi	73.6	31.4	30.4	1.45	1.9	6131
		Zamiin uud	Mogoin gol	99.8	31.2	9.3	1.27	5.2	7632
	Non coking	Gahsuun sukhait	Erdenes tavan tolgoi	0.0	26.2	18.2	0.70	2.5	6845
		Shivee Khuren	Khuren shand	24.6	35.8	20.7	0.49	1.2	5815
	<i>Washed coal</i>								
	Coking	Gahsuun sukhait	Ukhaa Khudag	85.6	25.9	9.7	0.65	10.7	6566
		Khangi	Ail bayan	98.9	22.2	11.2	0.66	16.2	6282
		Yarant	Mo En Co	83.8	20.6	21.3	0.56	3.6	7101
	Weak coking	Gahsuun sukhait	Baruun naran	83.6	31.1	11.4	1.95	8.5	6851
	Other	Zamiin uud	Dalan	0.0	19.8	26.7	1.15	1.6	6542
Friend ship			0.0	32.2	22.4	0.84	8.5	6513	
Achir/Alag togoo			0.0	26.0	20.3	0.90	18.0	5961	
Tsetsens minig			0.0	51.4	16.4	0.98	26.5	3004	
Khuut big mogul			0.0	45.8	16.3	0.86	11.2	5632	
Shariin gol			0.0	40.2	9.4	0.50	14.2	5661	
Coal	Zamiin uud	Khovil	0.0	52.0	12.5	0.82	41.4	3250	
	Bichigt	Olgoi bulag	0.0	46.6	2.5	0.54	33.7	3745	
		Khuut buman olz	0.0	47.8	34.3	1.21	17.9	3779	
		Bayantsogt	0.0	41.9	5.9	1.39	29.2	3441	
		Erdeniin bosgo	0.0	46.0	8.7	1.77	19.9	4357	

Source: Central Laboratory of Mining and Petroleum, MRPAM

4 | PETROLEUM

4.1. PETROLEUM PRODUCTION AND EXPORT, 2018-2021, by barrel



4.2. PETROLEUM PRODUCTION AND EXPORT, 2020-2021, by barrel

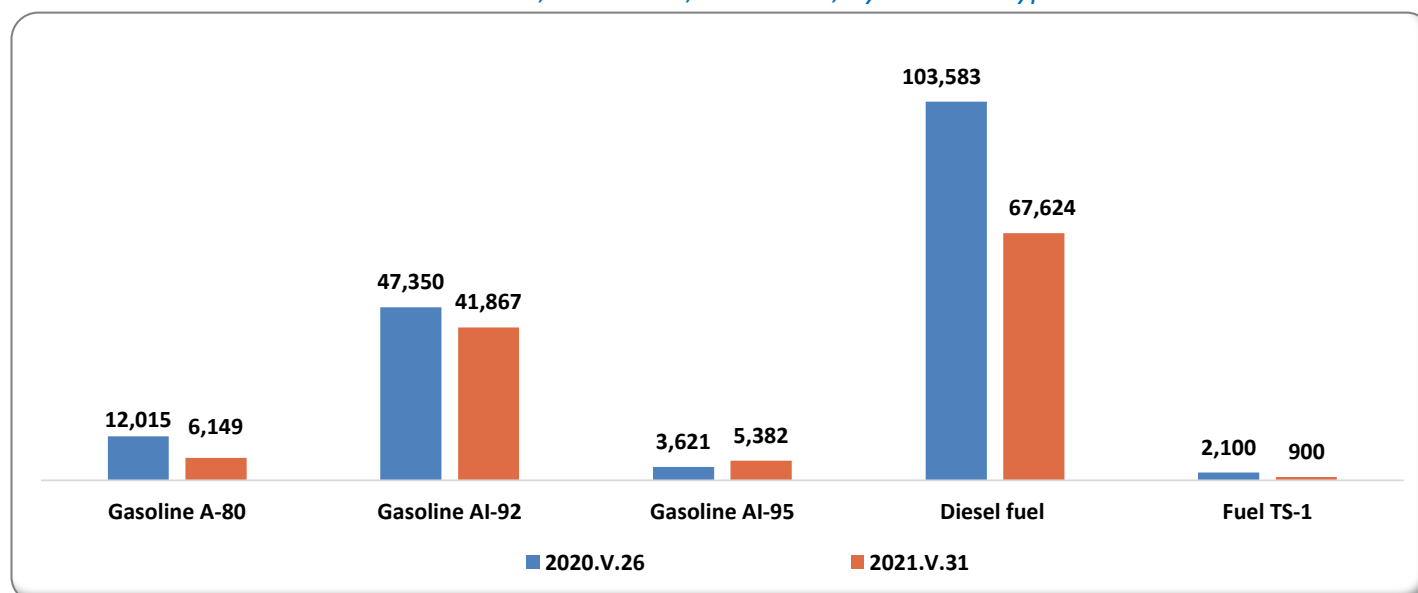
	Production		Export	
	Barrel	Share to total	Barrel	Share to total
2020	4,105,885	100%	4,047,827	100%
2020.I	375,848	9.2%	287,708	7.1%
2020.II	45,511	1.1%	-	-
2020.III	40,234	1.0%	34,584	0.9%
2020.IV	97,679	2.4%	165,747	4.1%
2020.V	210,549	5.1%	175,757	4.3%
2020.VI	258,256	6.3%	287,313	7.1%
2020.VII	352,651	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%
2021.I-V	2,509,975	100.0%	2,377,960	100.0%
2021.I	528,384	21.1%	519,260	21.8%
2021.II	469,647	18.7%	435,559	18.3%
2021.III	511,322	20.4%	467,307	19.7%
2021.IV	496,377	19.8%	468,414	19.7%
2021.V	504,245	20.1%	487,420	20.5%
<u>2021.V</u> <u>2020.V</u>	239.5%	-	277.3%	-
<u>2021.I-V</u> <u>2020.I-V</u>	326.0%	-	358.2%	-

Source: Petroleum Exploitation Division, MRPAM

4.3. PETROLEUM PRODUCTS IMPORTING, 2019-2021, by tons and type

	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
2020	1,991,167	57,597	522,558	29,861	1,068	1,049,894	24,994	25,809	279,385
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.X	156,935	5,459	39,905	608	243	81,378	3,813	173	25,356
2020.XI	228,630	3,505	69,808	4,478	61	115,869	209	3,054	31,647
2020.XII	172,795	4,736	34,559	1,514	115	109,613	2,451	2,563	17,244
2021.I-V	676,423	21,414	139,876	7,614	537	391,727	16,393	3,006	95,857
2021.I	165,861	3,434	42,658	1,055	169	103,943	3,587	1,403	9,612
2021.II	121,367	3,511	25,866	1,316	61	74,722	3,113	470	12,308
2021.III	152,830	5,152	28,294	986	183	82,158	6,037	377	29,642
2021.IV	131,984	4,241	16,839	1,829	62	78,651	1,583	438	28,340
2021.V	104,381	5,076	26,219	2,427	61	52,253	2,073	318	15,954
<u>2021.V</u> <u>2020.V</u>	63.5%	112.6%	49.9%	190.8%	-	65.1%	100.8%	-	-
<u>2021.I-V</u> <u>2020.I-V</u>	96.4%	107.3%	71.3%	74.3%	176.4%	111.6%	151.7%	30.9%	92.3%

4.4. RESIDUE OF PETROLEUM PRODUCTS, 2020.V.26, 2021.V.31, by tons and type



Source: Petroleum Products Division, MRPAM

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

	New York / WTI		London / BRENT	
	Opening price	Closing price	Opening price	Closing price
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
2021-01-04	48.40	47.62	51.50	51.09
2021-01-11	52.30	52.12	55.93	55.62
2021-01-18	52.20	52.34	54.75	55.02
2021-01-25	52.28	52.86	55.32	55.73
2021-02-02	53.59	54.01	56.39	56.80
2021-02-09	58.05	58.25	60.84	60.88
2021-02-16	60.09	60.12	63.44	63.52
2021-02-23	61.64	61.97	64.59	64.75
2021-03-02	60.27	59.81	63.09	62.84
2021-03-09	64.73	64.01	68.13	67.52
2021-03-16	65.96	65.61	68.13	67.52
2021-03-23	61.30	61.09	64.29	64.10
2021-03-30	62.02	61.80	65.32	65.03
2021-04-06	58.91	59.41	62.30	62.97
2021-04-13	59.77	59.81	63.27	63.36
2021-04-20	63.59	63.48	67.21	67.09
2021-04-27	62.06	61.95	65.20	65.22
2021-05-04	64.60	64.47	67.70	67.56
2021-05-11	64.97	64.38	68.34	67.79
2021-05-18	66.34	66.33	69.56	69.55
2021-05-25	66.03	66.17	68.44	68.52
2021-05-31	66.58	66.54	68.97	68.88
2021.V.31	107.3%	107.4%	105.8%	105.6%
2021.IV.27				
2021.V.31	199.9%	193.7%	193.4%	190.4%
2020.V.26				

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.

4.6.RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, 2021.IV.27, 2021.V.31, by MNT/litre, provinces

	Gasoline A-80			Gasoline AI-92			Gasoline AI-95			Diesel fuel		
	2021. IV.27	2021. V.31	<u>2021.V.31</u> 2021.IV.27	2021. IV.27	2021. V.31	<u>2021.V.31</u> 2021.IV.27	2021. IV.27	2021. V.31	<u>2021.V.31</u> 2021.IV.27	2021. IV.27	2021. V.31	<u>2021.V.31</u> 2021.IV.27
NATIONAL AVERAGE PRICE	1,508	1,513	100.3%	1,563	1,545	98.8%	2,183	2,163	99.1%	2,123	2,233	105.2%
Ulaanbaatar	1400- 1450	1400- 1450	100.0%	1450- 1470	1450- 1470	100.0%	2100- 2110	2100- 2110	100.0%	2190- 2200	2290- 2300	104.5%
Western region	1,592	1,622	101.9%	1,646	1,652	100.4%	-	-	-	1,974	2,074	105.1%
Bayan-Ulgii	1,530	1,600	104.6%	1,600	1,630	101.9%	-	-	-	1,700	1,800	105.9%
Govi-Altai	1,600	1,600	100.0%	1,630	1,630	100.0%	-	-	-	2,170	2,270	104.6%
Zavkhan	1,690	1,690	100.0%	1,720	1,720	100.0%	-	-	-	2,150	2,250	104.7%
Uvs	1,520	1,600	105.3%	1,630	1,630	100.0%	-	-	-	1,950	2,050	105.1%
Hovd	1,620	1,620	100.0%	1,650	1,650	100.0%	-	-	-	1,900	2,000	105.3%
Hangai region	1,484	1,484	100.0%	1,514	1,514	100.0%	2,198	2,198	100.0%	2,147	2,244	104.5%
Arkhangai	1,500	1,500	100.0%	1,530	1,530	100.0%	2,240	2,240	100.0%	2,200	2,300	104.5%
Bayankhongor	1,530	1,530	100.0%	1,560	1,560	100.0%	-	-	-	2,100	2,200	104.8%
Bulgan	1,460	1,460	100.0%	1,490	1,490	100.0%	2,190	2,190	100.0%	2,180	2,260	103.7%
Uvurkhangai	1,470	1,470	100.0%	1,500	1,500	100.0%	2,240	2,240	100.0%	2,100	2,200	104.8%
Orkhon	1,460	1,460	100.0%	1,490	1,490	100.0%	2,190	2,190	100.0%	2,160	2,260	104.6%
Selenge	1,440	1,440	100.0%	1,470	1,470	100.0%	2,130	2,130	100.0%	2,190	2,290	104.6%
Khuvsgul	1,530	1,530	100.0%	1,560	1,560	100.0%	2,200	2,200	100.0%	2,100	2,200	104.8%
Central region	1,487	1,487	100.0%	1,523	1,523	100.0%	2,150	2,150	100.0%	2,178	2,278	104.6%
Tuv	1,430	1,430	100.0%	1,470	1,470	100.0%	2,120	2,120	100.0%	2,090	2,190	104.8%
Darkhan	1,400	1,400	100.0%	1,470	1,470	100.0%	2,120	2,120	100.0%	2,160	2,260	104.6%
Govisumber	1,480	1,480	100.0%	1,510	1,510	100.0%	2,150	2,150	100.0%	2,190	2,290	104.6%
Dundgovi	1,530	1,530	100.0%	1,560	1,560	100.0%	2,160	2,160	100.0%	2,230	2,330	104.5%
Dornogovi	1,530	1,530	100.0%	1,550	1,550	100.0%	2,150	2,150	100.0%	2,200	2,300	104.5%
Umnugovi	1,550	1,550	100.0%	1,580	1,580	100.0%	2,200	2,200	100.0%	2,200	2,300	104.5%
Eastern region	1,547	1,547	100.0%	1,577	1,577	100.0%	2,200	2,200	100.0%	2,173	2,273	104.6%
Dornod	1,550	1,550	100.0%	1,580	1,580	100.0%	2,200	2,200	100.0%	2,100	2,200	104.8%
Sukhbaatar	1,570	1,570	100.0%	1,600	1,600	100.0%	2,250	2,250	100.0%	2,320	2,420	104.3%
Khentii	1,520	1,520	100.0%	1,550	1,550	100.0%	2,150	2,150	100.0%	2,100	2,200	104.8%

Source: Petroleum Products Division, MRPAM

4.7. RETAIL PRICE OF PETROLEUM PRODUCTS SOLD THROUGHOUT MONGOLIA, 2019-2021, by MNT/litre and type

	Gasoline A-80	Gasoline AI-92	Gasoline AI-95	Diesel fuel
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	1463	1506	2078	2137
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
2021.I.26	1483	1559	2083	2025
2021.II.23	1492	1560	2174	2112
2021.III.30	1505	1563	2183	2123
2021.IV.27	1508	1563	2183	2123
2021.V.31	1513	1545	2163	2233
<u>2021.V.31</u> <u>2021.IV.27</u>	100.3%	98.8%	99.1%	105.2%
<u>2021.V.31</u> <u>2020.V.26</u>	104.9%	102.3%	115.2%	107.6%
<u>2021.V.31</u> <u>2019.V.28</u>	80.7%	78.0%	93.0%	91.3%

Source: Petroleum Products Division, MRPAM

5.1. HEAVY INDUSTRY PRODUCTION, EXPORT, IMPORT, 2021.I-III, by product type

	Units of production	Production	Exports	Imports
Molybdenum oxide	tn	-	-	-
Technical molybdenum acid calcium	tn	-	-	-
Rhenium oxidized ammonia	tn	-	-	-
Electrical copper wire, cable and other products		-	-	-
Cable	m	479.7	-	-
Extension plug	unit	-	-	-
Secondary raw materials				
Mechanically processed machine parts	tn	594.8	-	-
Metal construction and non-standard equipment	tn	190.2	-	-
Rubber articles	tn	34.1	-	-
Cast products	tn	1,202.4	-	-
Cast lead	tn	259.8	259.8	-
Aluminum alloy	tn	426.9	427.0	-
Cast iron / model /	tn	-	-	-
Metal billets and products				
Billets	tn	-	-	-
Bars and rods	tn	3,802.0	-	-
Steel balls	tn	1,207.3	-	-
Sulfuric acid	tn	-	-	-
Metallurgical coke	tn	-	28,454.3	-
Cathode copper	tn	2,424.9	3,282.5	-
Iron and steel	tn	-	-	-
Machinery, hardware parts, spare parts production				
Production robots spare parts	unit	240,657.0	240,657.0	-
Car parts production	unit	605,297.0	605,297.0	-
Maintenance of electric motors production	unit	-	-	-
Air filters for automobile production	unit	-	-	-
Trailer maintenance	unit	-	-	-
Truck maintenance	unit	-	-	-

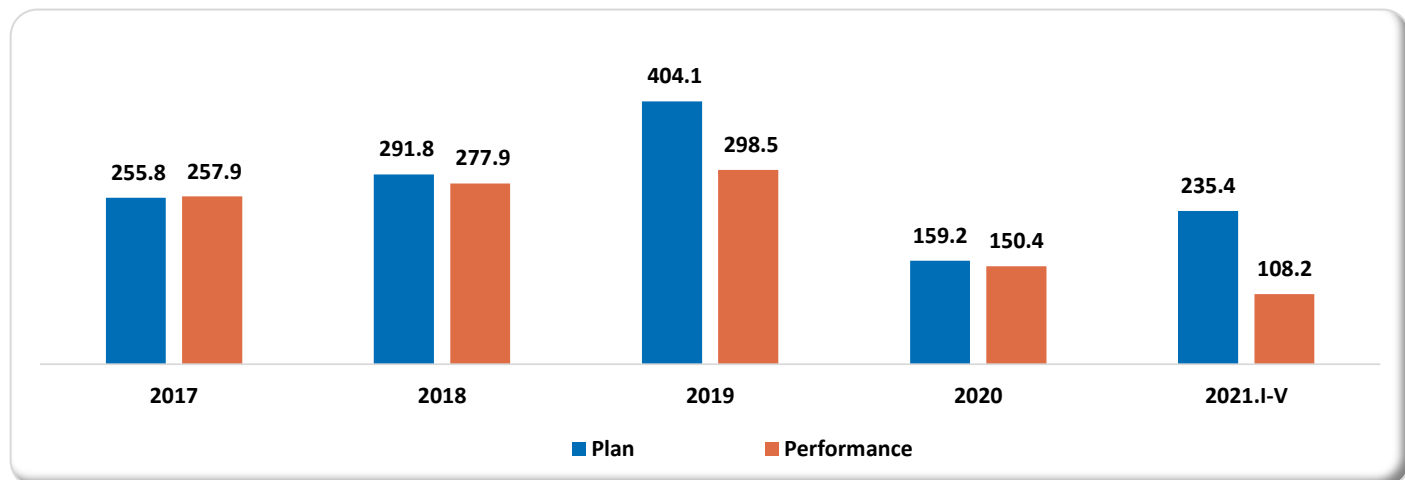
Source: Heavy Industry, Research, Technical and Technological Department, MRPAM

6 | STATE BUDGET REVENUE

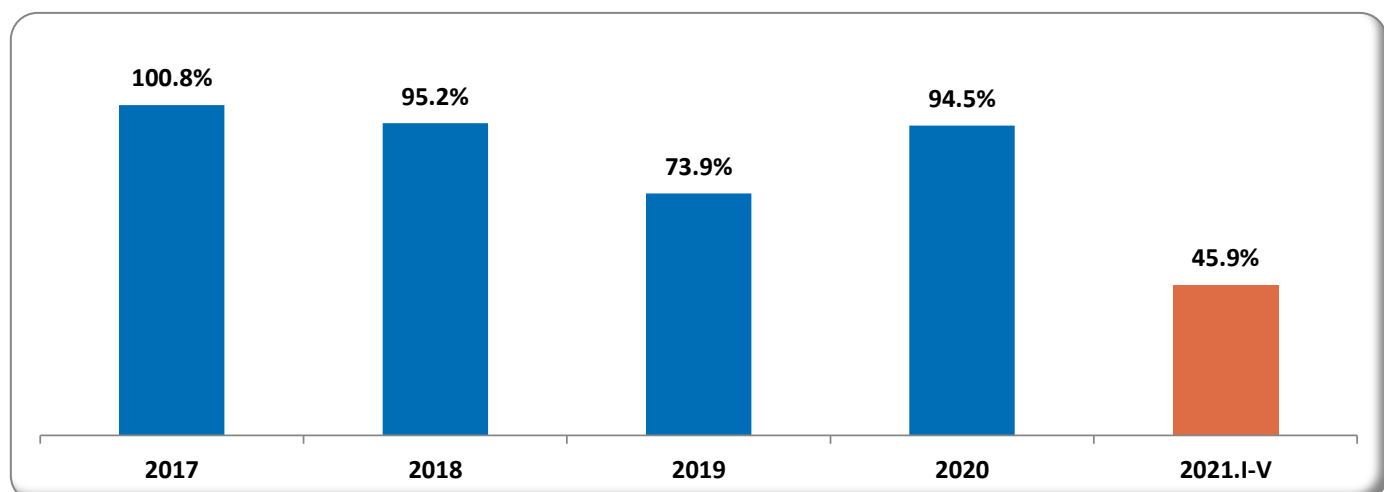
6.1. BUDGET REVENUE PLAN AND PERFORMANCE OF MRPAM, 2021, by million.MNT and income type

	Plan of 2021	2021.I-V	
		Performance	Performance rate
TOTAL	235,400.0	108,155.2	45.9%
License fee	31,200.0	10,498.3	33.6%
Reimbursement	2,500.0	306.2	12.2%
Petroleum export revenue	183,200.0	85,920.0	46.9%
Service revenue (petroleum)	873.9	821.7	94.0%
Service revenue (mineral resources)	1,626.1	797.7	49.1%
Tender revenue	16,000.0	9,811.2	61.3%

6.2. BUDGET REVENUE OF MRPAM, 2017-2021, by billion MNT



6.3. BUDGET PERFORMANCE RATE OF MRPAM, 2017-2021



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



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