

Introduction

Survey of national mines-related activities and continuous dissemination of its results began by the then Ministry of Industry, Mine and Trade in the year 1333. Related statistics were published annually in the attachment of the publication “Statistics on Manufacturing Activities” until the year 1339, but they have appeared in a separate publication ever since under the title of “Statistics on Mineral Activities of Iran”. The first census of mines of the country was carried out in the month of Azar in the year 1342 by the Ministry of Economy. Statistical Bureau of the Ministry of Economy collected and published statistics on mines-related activities annually from the year 1342 to the year 1353, using statistics from nationwide mines registers and records. The second census of mines of the country was conducted with the cooperation of the SCI and the Ministry of Industry, Mine, and Trade in the year 1353. The SCI used to conduct a survey of a selected number of mines annually from the year 1353 to the year 1357. This part of the economic activities suffered from the lack of statistics from the year 1357 to the year 1363, because in the interim, neither were statistical surveys implemented nor were comprehensive registers made available. The SCI conducted a survey of mines, run by the public sector in the years 1364 and 1365, and also carried out the third census of mines of the country in the year 1366. The survey of mines has been conducted every year from the year 1367 to the year 1397 except for the years 1370 and 1384.

The data presented in this chapter are from the aforementioned censuses and surveys as well as data from the mineral cooperative companies reported by the Ministry of Cooperatives, Labor and Social Welfare.

On the statistics presented, it should be noted that:

(1) In the survey of the operating mines of the country, statistics on oil and gas, radioactive materials, and clay were not collected. However, due to the special importance of oil and gas statistics, the related information is separately presented in chapter 7 (Oil and gas).

(2) In the survey of operating mines, sand and gravel mines are enumerated by sample survey and other mines by the census.

(3) The ISIC Rev.4 is followed with appropriate modifications for the classification of mine sector activities in this chapter.

Definitions and concepts

Mine: It refers to an area which contains mineral deposits.

Ore dressing: It refers to all physical, chemical, or physicochemical operations for separating some of the waste materials from ores or separating ores from one another.

Operating mine: It refers to every mine in which some operations are done for extraction, dressing activities and production of marketable ores.

Private management: It refers to the management exercised by individuals or private institutions.

Public management: It refers to the management exercised by ministries, government organizations, Islamic Revolution Foundations, banks, municipalities, and other public institutions.

Mine workers: They are all individuals working full-time or part-time in mine-related activities inside or outside of the mine and include wage and salary workers, owners and active partners, and unpaid family workers.

Production line skilled workers: They refer to the employed persons capable of performing a part of technical activities related to the production line due to their know-how and experience. Engineers, technicians, craftsmen, foremen, skilled laborers, fitters, and drivers are some examples.

Production line unskilled workers: They refer to the persons, working in production line, whose jobs do not require any specific training or experience; such as laborers, porters and stevedores.

Other workers (administrative, financial and service): They refer to the employed persons engaged in clerical, administrative, financial and services activities in mines or their central offices but not engaged directly in the extraction and production activities.

In the presentation of statistics on employed persons, it is noteworthy that the method of "average number of employed persons per year" has been employed in the calculation.

Compensation of employees: They refer to wage, salary and other cash and non-cash payments to wage and salary earners.

Mineral products: They refer to all minerals obtained from a series of extraction activities that make them marketable. It should be mentioned that in some mining activities, minerals are supplied to the market without undergoing the dressing process, whereas, in others, minerals are supplied to the market after a series of physical and/or chemical treatments for separating some of the waste from ores, separating ores from one another, or increasing fineness of raw material. In addition, in one mining activity, several minerals may be produced. For example, copper ore mining activity includes minerals of copper ore and copper and molybdenum concentrates production.

Value of mine products: It is the total value of saleable mine products including raw and processed minerals by the sale prices at the mine site.

Investment in mining (value of changes in non-financial assets): It refers to the total value of non-financial assets, purchased, acquired and made by the mine, major repairs performed on non-financial assets and investment in the development and exploration less the value of sales of non-financial assets per year.

Value added: It is the surplus value generated during production.

Value of receipts (outputs) in the mine: This refers to the total value of mines products that can be supplied (sold), including raw and processed minerals based on the sale price at the mine, the value of construction and major repair of capital assets (property) by mine workers and the value of other receipts for productive and non-productive services such as contract works, minor repairs of building and office supplies and equipment, minor repairs of laboratory equipment, sale of water and electricity, cooked food, etc.

Value of payments (inputs) in the mine: the total value of materials, nondurable tools and equipment, spare parts, fuel, explosives, water, electricity and other payments for productive and

non-productive services such as contract works, minor repairs of machinery, building, laboratory equipment, office supplies and equipment, etc.

Cooperative: This is a company consisting of at least 7 members, natural or legal ones, to fulfill the common needs and improve socio-economic conditions of members via self-aid and their mutual support according to the law of the cooperative sector which has been formed and registered for carrying out one or more economic activities.

Mines cooperative: This is a cooperative that engages in the extraction, exploitation, and sales of minerals, extracted from operating mines.

Selected information

According to the results of the national operating mines survey in the year 1400, there were a number of 6025 operating mines in the country. The results show that a total of 130358 workers were working in these mines and the number of workers increased by 8.3 percent compared to the year 1399.

In the year 1400, the value of mines products amounted to 2750241 billion rials. Iron ore, copper ore and lead and zinc ore with 1705085, 615588 and 133748 billion rials accounted for the highest annual production value, respectively.

In the year 1400, the value added of the nation's operating mines activity amounted to 2197546 billion rials. Iron ore, copper ore, lead and zinc ores with 1268120, 565843 and 1278060 billion rials had the highest value-added, respectively. The total value added of these mines accounted for about 89.3% of the sector's total value added.

Moreover, Kerman, Yazd and Khorasan-e-Razavi Ostans (provinces), with 1096052, 402494 and 178151 billion rials had the highest value added of the nation's operating mines among the provinces.

In the year 1400, an amount of 78765 billion rials of new investment was made, of which about 74% is related to machinery, durable tools and office equipment, 10% is for the construction and installations (without land), 8% is related to vehicles and 5% is for the development and exploration.

6.1. NUMBER OF MINES, WORKERS, COMPENSATION OF EMPLOYEES AND VALUE OF PRODUCTION IN OPERATING MINES BY OSTAN (mln rials)

Year and Ostan	Number of mines			Number of workers			
	Total	Type of management		Total	Production line		Other (administrative financial and service)
		Private	Public		Skilled	Unskilled	
1385.....	3582	3301	281	60062 ⁽¹⁾	31107	16146	12810
1390.....	5246	5036	209	84528	45159	21280	18089
1395 ⁽²⁾	4913	4744	169	93486	54826	20337	18323
1396.....	5353	5158	195	95831	55165	21134	19532
1397.....	4916	4749	167	99734	60370	19456	19908
1398 ⁽³⁾	4974	0	0	107074	65595	21807	19671
1399.....	5782	5623	159	120327	71629	24802	23895
1400.....	6025	5884	141	130358	78171	28157	24029
East Azarbayejan.....	294	289	5	7650	4515	2058	1076
West Azarbayejan	253	251	2	3189	2113	323	754
Ardebil	110	110	0	658	390	85	184
Esfahan	322	313	9	6399	3546	1517	1335
Alborz	58	58	0	773	463	150	160
Ilam	49	45	4	508	279	92	137
Bushehr	164	162	2	1170	694	208	268
Tehran.	107	106	1	1844	1055	468	322
Chaharmahal&Bakhtiari	114	107	7	550	292	92	166
South Khorasan	271	267	4	8743	4113	3389	1241
Khorasan-e-Razavi.....	598	587	11	8676	4808	1895	1972
North Khorasan	96	95	1	1367	946	160	261
Khuzestan	146	145	1	1762	985	305	472
Zanjan	215	213	2	2843	1754	460	629
Semnan.....	369	364	5	4567	2646	1210	711
Sistan&Baluchestan	148	147	1	1985	1101	508	375
Fars	399	387	12	8713	5303	1439	1971
Qazvin	159	151	8	982	510	126	346
Qom	99	97	2	698	372	189	137
Kordestan	171	158	13	1861	1216	280	366
Kerman	314	299	15	31575	20894	5892	4789
Kermanshah	84	82	2	1104	491	253	360
Kohgiluyeh&Boyerahmad	100	93	7	896	434	106	356
Golestan	91	88	3	2288	1243	651	394
Gilan	50	47	3	452	202	142	108
Lorestan.....	114	110	4	1778	1100	123	556
Mazandaran.....	113	110	3	3373	2105	766	502
Markazi	338	330	8	4626	2889	1053	684
Hormozgan	218	218	0	2788	1664	763	361
Hamedan	177	177	0	1729	894	485	350
Yazd	284	279	5	14812	9156	2971	2686

6.1. NUMBER OF MINES, WORKERS, COMPENSATION OF EMPLOYEES AND VALUE OF PRODUCTION IN OPERATING MINES BY OSTAN (continued) (mln rials)

Year and Ostan	Compensation of employees	Value of production
1385.....	2307840	22642408
1390.....	7316839	65442497
1395 ⁽²⁾	23912398	165734101
1396.....	29857148	250485343
1397.....	41146964	394525067
1398 ⁽³⁾	63006623	650310315
1399.....	102918579	1493694776
1400.....	148677179	2750240740
East Azarbayejan.....	8858894	168241060
West Azarbayejan	2345134	16481167
Ardebil	328802	1895484
Esfahan	5676678	31055268
Alborz	526777	5105917
Ilam	351631	1555494
Bushehr	953852	3229335
Tehran.	1613282	10426793
Chaharmahal& Bakhtiyari	328333	1740717
South Khorasan	6919028	43114426
Khorasan-e-Razavi.....	5619553	206673032
North Khorasan	807128	4503323
Khuzestan	1449497	5262785
Zanjan	1935226	97230288
Semnan.....	2767816	17037002
Sistan&Baluchestan	1534771	8375963
Fars	6926988	29096615
Qazvin	560397	2695609
Qom	532874	4509652
Kordestan	1458373	26349845
Kerman	62841715	1439927293
Kermanshah	749910	8215856
Kohgiluyeh&Boyerahmad	939394	4549235
Golestan	1925186	8130629
Gilan.....	322516	2077617
Lorestan.....	1343909	12087920
Mazandaran.....	2599685	10936173
Markazi	4243363	50395144
Hormozgan	1675124	10139702
Hamedan	1143723	9182048
Yazd	19397620	510019345

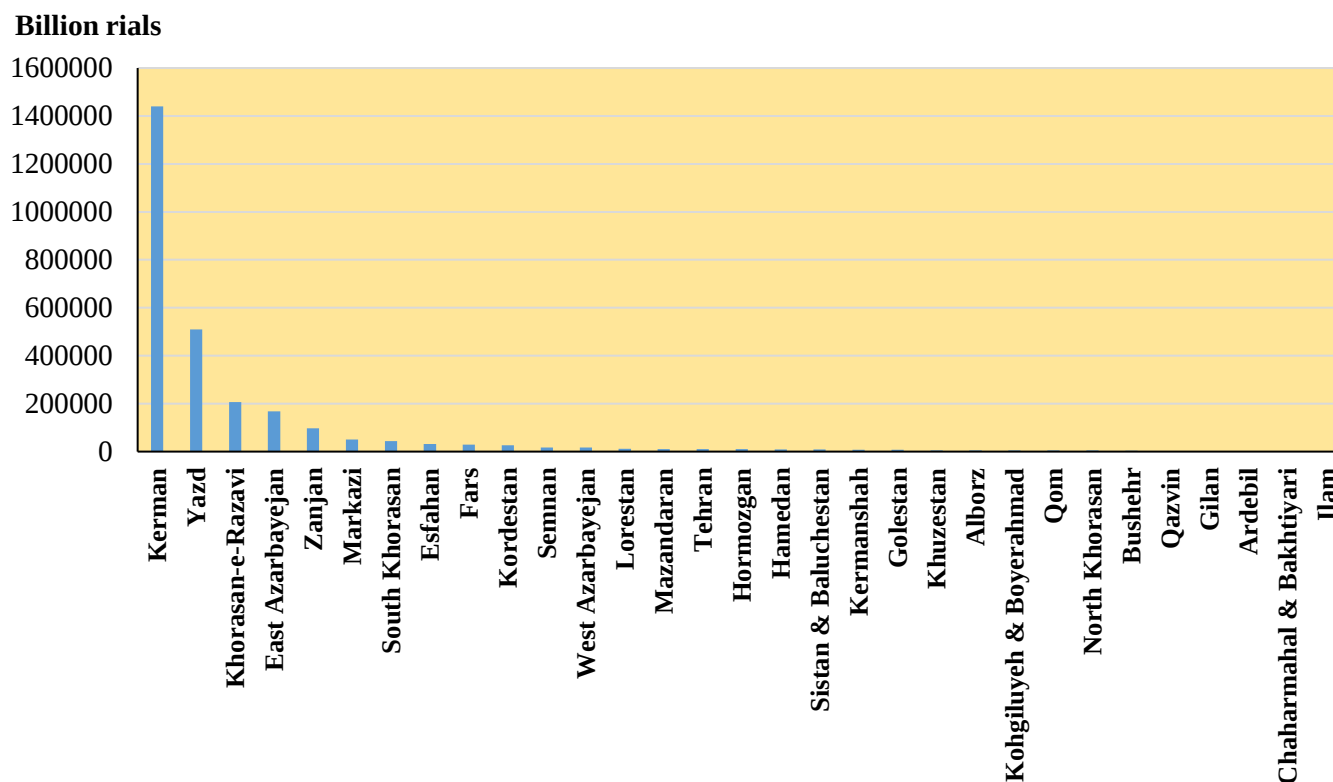
1. Excluding the workers of mines in which part of the extraction activities was outsourced according to a contract in the year 1387 and before that.

2. Statistics for sand and gravel mines obtained from the sampling survey were generalized to the whole country which has caused differences between the total and sum of parts in some cases.

3. Information on how private and public managements are managed for the year 1398 cannot be provided.

Source: Statistical Centre of Iran.

6.1. VALUE OF MINERAL PRODUCTS OF OPERATING MINES BY OSTAN, THE YEAR 1400



For data see Table 6.1.

**6.2. NUMBER OF MINES, WORKERS, COMPENSATION OF WAGE AND SALARY EARNERS
AND VALUE OF PRODUCTION IN OPERATING MINES BY TYPE OF ACTIVITY, THE
YEAR 1400 (mln rials)**

Activity	Number of mines			Number of workers		
	Total	Type of management		Total	Production line	
		Private	Public		Skilled	Unskilled
Total.....	6025	5884	141	130358	78171	28157
Mining of hard coal.....	101	93	8	14221	7676	5035
Mining of iron ore.....	250	238	12	32326	21780	5384
Mining of lead and zinc	66	62	4	5390	3172	1495
Mining of gold ore	20	17	3	1981	1286	416
Mining of copper or	103	99	4	17844	10396	4170
Mining of chromite	80	80	0	2142	1182	686
Mining of manganese.....	44	44	0	628	309	228
Mining of bauxite.....	19	16	3	797	548	122
Mining of nickel, antimony and titanium...	3	3	0	42	21	9
Mining of gravel and sand	1616	1563	53	15709	8883	2843
Mining of decorative stones	846	840	6	13842	8133	2842
Mining of rubble stone.....	783	770	13	4825	2621	982
Mining of ballast stone.....	6	5	1	42	23	8
Mining of lime stone	749	730	19	9140	5737	1466
Mining of gypsum.....	287	285	2	2395	1421	450
Mining of kaolin, fireclay and	236	233	3	2188	1280	396
Mining of dolomite	34	34	0	315	172	66
Mining of bentonite's and fuller's earth	78	78	0	383	208	87
Mining of barite	82	82	0	559	319	127
Mining of strontium sulphate & boron.....	21	21	0	310	172	76
Mining of sodium sulphate	6	3	3	67	55	8
Mining of limonite and ferrous oxide	11	11	0	55	28	9
Mining of fluorine.....	21	21	0	442	227	159
Mining of phosphate, potash & iodine	6	5	1	219	138	59
Mining of salt	82	81	1	720	377	174
Mining of bitumen	20	20	0	271	116	52
Mining of silica	179	177	2	1346	750	275
Mining of ores slag	97	96	1	648	391	85
Mining of feldspar	101	101	0	664	370	124
Mining of talcum.....	15	15	0	88	50	8
Mining of shell & mica.	16	16	0	83	47	18
Mining of magnesite and whiting	36	36	0	432	213	143
Mining of precious and semi-precious stone	5	5	0	215	58	145
Mining of other mines n.c.e	6	6	0	30	15	12

6.2. NUMBER OF MINES, WORKERS, COMPENSATION OF WAGE AND SALARY EARNERS AND VALUE OF PRODUCTION IN OPERATING MINES BY TYPE OF ACTIVITY, THE YEAR 1400 (continued) **(mln rials)**

Activity	Number of workers	Compensation of wage and salary earners	Value of production
	Other (administrative, financial and service)		
Total.....	24029	148677179	2750240740
Mining of hard coal.....	1510	12950018	54350826
Mining of iron ore.....	5162	50163994	1705084650
Mining of lead and zinc	724	5501212	133747584
Mining of gold ore	279	1909735	23094198
Mining of copper or	3278	36508878	615588167
Mining of chromite	274	1795093	4983227
Mining of manganese.....	91	478536	3569654
Mining of bauxite.....	127	617953	2358680
Mining of nickel, antimony and titanium.....	12	35198	81796
Mining of gravel and sand	3983	10544633	52628227
Mining of decorative stones	2868	10774499	45850799
Mining of rubble stone.....	1223	2756691	12897116
Mining of ballast stone.....	11	25199	123750
Mining of lime stone	1937	6913950	47701190
Mining of gypsum.....	524	1526617	6816225
Mining of kaolin, fireclay and	512	1616201	13555846
Mining of dolomite	77	178008	681648
Mining of bentonite's and fuller's earth	88	195114	1135144
Mining of barite	113	329869	964838
Mining of strontium sulphate & boron.....	62	233915	1620158
Mining of sodium sulphate	4	42251	1172131
Mining of limonite and ferrous oxide	18	27516	234704
Mining of fluorine.....	56	429960	880778
Mining of phosphate, potash & iodine.....	22	226696	4742044
Mining of salt	169	520636	1845396
Mining of bitumen	103	199237	1190465
Mining of silica	320	837578	6814719
Mining of ores slag	171	360829	1500374
Mining of feldspar	170	430084	2708737
Mining of talcum.....	30	33079	264195
Mining of shell & mica.	18	40670	129158
Mining of magnesite and whiting	77	331179	1190520
Mining of precious and semi-precious stones	12	126086	624134
Mining of other mines n.c.e	3	16065	109660

Source: Statistical Centre of Iran.

6.3. MINERALS PRODUCTION IN OPERATING MINES BY TYPE OF ACTIVITY, THE YEAR**1400****(1000 tons)**

Activity	Production
Total.....	485057
Mining of hard coal.....	4148
Mining of iron ore.....	105600
Mining of lead and zinc	2632
Mining of gold ore	7569
Mining of copper ore.....	6107
Mining of chromite	282
Mining of manganese.....	209
Mining of bauxite.....	869
Mining of nickel, antimony and titanium.....	7
Mining of gravel and sand.....	105437
Mining of decorative stones	15493
Mining of rubble stone	27136
Mining of ballast stone.....	171
Mining of lime stone	156109
Mining of gypsum.....	18407
Mining of kaolin and fireclay.....	13373
Mining of dolomite	1517
Mining of bentonite's and fuller's earth.....	1643
Mining of barite	420
Mining of strontium sulphate & boron.....	400
Mining of sodium sulphate	845
Mining of limonite and ferrous oxide	400
Mining of fluorine.....	121
Mining of phosphate, potash & iodine	73
Mining of salt	3295
Mining of bitumen	108
Mining of silica	6012
Mining of ores slag	2442
Mining of feldspar.....	3238
Mining of talcum.....	122
Mining of shell & mica	125
Mining of magnesite & whiting	225
Mining of precious and semi-precious stones	0
Mining of other mines n.c.e	521

Source: Statistical Centre of Iran.

6.4. VALUE OF MINERALS PRODUCTION IN OPERATING MINES BY TYPE OF ACTIVITY, THE YEAR 1400 (mln rials)

Activity	Value of production
Total.....	2750240740
Mining of hard coal.....	54350826
Mining of iron ore	1705084650
Mining of lead and zinc	133747584
Mining of gold ore	23094198
Mining of copper ore.....	615588167
Mining of chromite	4983227
Mining of manganese.....	3569654
Mining of bauxite.....	2358680
Mining of nickel, antimony and titanium.....	81796
Mining of gravel and sand.....	52628227
Mining of decorative stones	45850799
Mining of rubble stone	12897116
Mining of ballast stone.....	123750
Mining of lime stone	47701190
Mining of gypsum.....	6816225
Mining of kaolin and fireclay.....	13555846
Mining of dolomite	681648
Mining of bentonite's and fuller's earth.....	1135144
Mining of barite	964838
Mining of strontium sulphate & boron.....	1620158
Mining of sodium sulphate	1172131
Mining of limonite and ferrous oxide	234704
Mining of fluorine	880778
Mining of phosphate, potash & iodine.....	4742044
Mining of salt	1845396
Mining of bitumen	1190465
Mining of silica	6814719
Mining of ores slag	1500374
Mining of feldspar.....	2708737
Mining of talcum.....	264195
Mining of shell & mica	129158
Mining of magnesite & whiting	1190520
Mining of precious and semi-precious stones.....	624134
Mining of other mines n.c.e	109660

Source: Statistical Centre of Iran.

6.5. VALUE ADDED, INPUTS AND OUTPUTS VALUE OF OPERATING MINES BY OSTAN**(mln rials)**

Year and Ostan	Value added	Payments (inputs)	Receipts (outputs)
1385.....	16666060	6345035	23011095
1390.....	50421673	16506152	66927825
1395.....	123275908	45348911	168624819
1396.....	195114614	59179148	254293762
1397.....	307987601	90059902	398047503
1398.....	496500693	159939449	656440142
1399.....	1251722907	255826082	1507548989
1400.....	2197546096	581614296	2779160392
East Azarbayejan.....	159531206	11046642	170577848
West Azarbayejan	14839332	2071795	16911126
Ardebil	1302962	641902	1944865
Esfahan	21569559	10259812	31829372
Alborz	4114565	1156264	5270829
Ilam	1357162	300036	1657198
Bushehr	2609993	749308	3359301
Tehran	8688415	1839266	10527681
Chaharmahal & Bakhtiyari	1057379	742825	1800204
South Khorasan	35837528	11777121	47614650
Khorasan-e-Razavi	178150684	29668485	207819169
North Khorasan	3537771	1178148	4715918
Khuzestan	3636939	1889651	5526590
Zanjan	94892848	2614912	97507760
Semnan.....	15658281	1650634	17308915
Sistan&Baluchestan	5782890	3131589	8914479
Fars.....	22585986	7553787	30139773
Qazvin	2240093	528420	2768513
Qom.....	3662257	913777	4576033
Kordestan	21610225	5124667	26734892
Kerman.....	1096052138	356523577	1452575714
Kermanshah	7547390	802661	8350050
Kohgiluyeh & Boyerahmad	2792193	1853623	4645817
Golestan	6339295	1901406	8240701
Gilan	1636172	447745	2083917
Lorestan.....	10651051	1572829	12223879
Mazandaran.....	8150732	3722953	11873685
Markazi	44405731	6643700	51049431
Hormozgan.....	8165313	2203472	10368785
Hamedan	6645954	2742815	9388769
Yazd	402494051	108360477	510854528

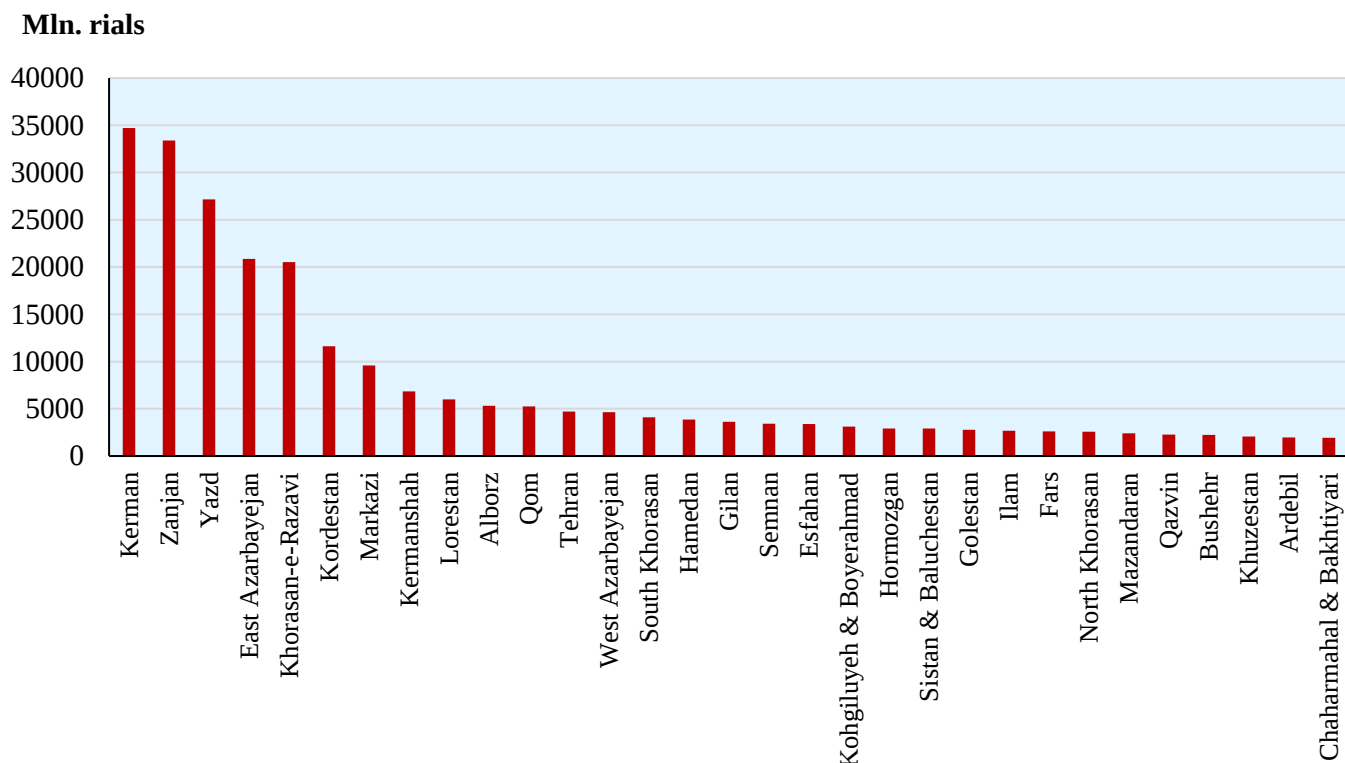
Source: Statistical Centre of Iran.

6.6. VALUE ADDED, INPUTS AND OUTPUTS VALUE OF OPERATING MINES BY TYPE OF ACTIVITY, THE YEAR 1400 (mln rials)

Activity	Value added	Payments (inputs)	Receipts (outputs)
Total.....	2197546096	581614296	2779160392
Mining of hard coal.....	46771424	12003228	58774652
Mining of iron ore.....	1268119574	450441309	1718560884
Mining of lead and zinc	127860421	6365914	134226334
Mining of gold ore	17889675	6041056	23930731
Mining of copper ore.....	565843373	52478365	618321738
Mining of chromite	3852191	1223529	5075720
Mining of manganese	3158836	496866	3655702
Mining of bauxite	1863116	590435	2453552
Mining of nickel, antimony and titanium.....	54200	31596	85796
Mining of gravel and sand.....	40766379	14267958	55034337
Mining of decorative stones	38479758	9170021	47649778
Mining of rubble stone	9445266	3863564	13308830
Mining of ballast stone.....	84270	42164	126433
Mining of lime stone.....	33455731	15170055	48625786
Mining of gypsum.....	5431539	1576564	7008103
Mining of kaolin, fireclay and	11324165	2501694	13825860
Mining of dolomite	466622	241795	708417
Mining of bentonite's and fuller's earth.....	834287	321713	1156000
Mining of barite	785984	219095	1005079
Mining of strontium sulphate & boron.....	1396554	256598	1653152
Mining of sodium sulphate	967307	209794	1177101
Mining of limonite and ferrous oxide	213935	25714	239648
Mining of fluorine.....	640014	295567	935581
Mining of phosphate, potash & iodine.....	4459918	301379	4761297
Mining of salt	1416799	498088	1914887
Mining of bitumen	987658	237481	1225139
Mining of silica	5958835	963123	6921957
Mining of ores slag	1135841	437856	1573697
Mining of feldspar.....	2077414	710344	2787758
Mining of talcum.....	203821	63235	267056
Mining of shell & mica.	92744	38324	131068
Mining of magnesite and whiting	856524	446227	1302751
Mining of precious and semi-precious stones	585729	38605	624334
Mining of other mines n.c.e	66194	45038	111231

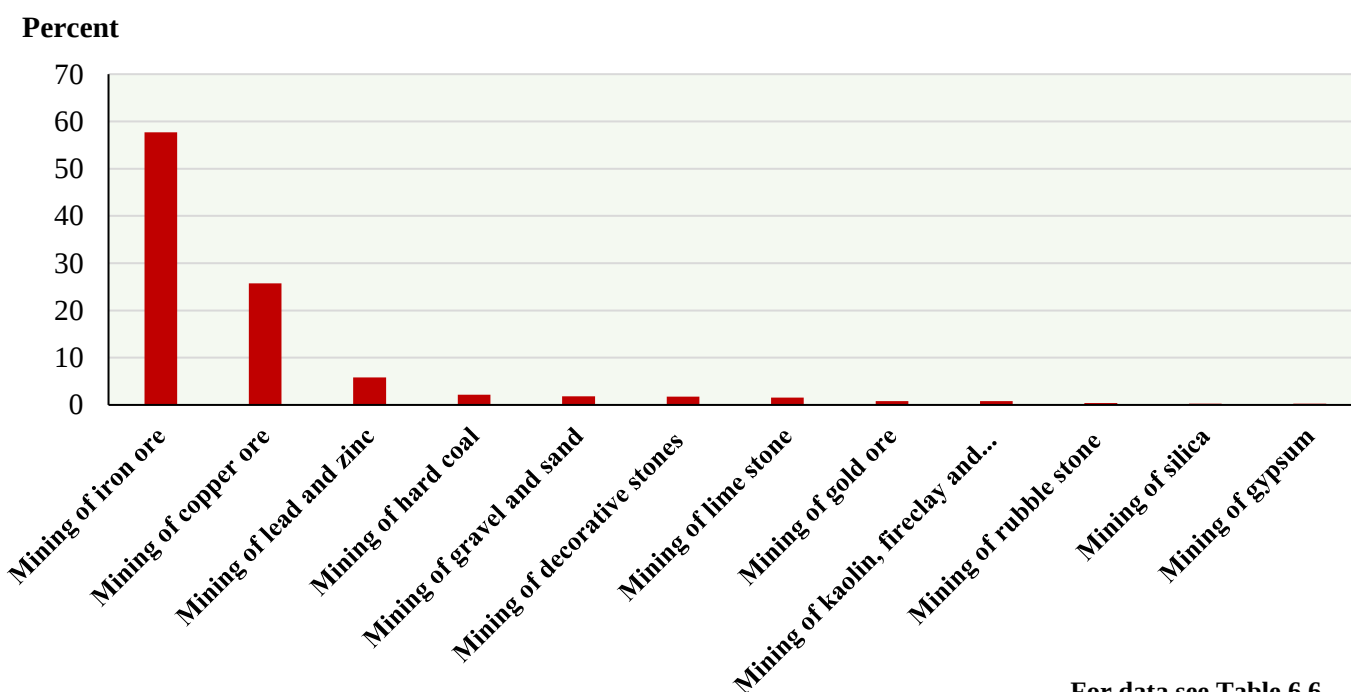
Source: Statistical Centre of Iran.

6.2. PRODUCTIVITY OF LABOUR FORCE IN MINING SECTOR BY OSTAN, THE YEAR 1400



For data see Tables 6.1. & 6.5.

6.3. RATIO OF THE VALUE ADDED OF SELECTED MINES TO THE TOTAL OPERATING MINES, THE YEAR 1400



For data see Table 6.6.

6.7. INVESTMENT (CHANGES IN THE VALUE OF NON-FINANCIAL ASSETS) IN OPERATING MINES BY TYPE OF NON-FINANCIAL ASSETS AND OSTAN (mln rials)

Year and Ostan	Total investment	Machinery, durable tools and office	Vehicles	Building and installations
1385.....	1737226	1328153	87357	99032
1390.....	6149346	2957585	251308	411553
1395.....	20368200	14421854	330705	2680180
1396.....	21694354	14752123	712361	1666213
1397.....	19476266	15106366	642904	2536207
1398.....	30426940	24756345	1365862	2176653
1399.....	54865858	33569633	2698618	13614719
1400.....	78764527	57952832	6105974	7812153
East Azarbayejan.....	3047197	2214558	425843	393212
West Azarbayejan	2192336	1877931	206812	86466
Ardebil	109581	64078	10158	1436
Esfahan.....	3814560	3416465	80580	160422
Alborz	591524	458691	56447	3912
Ilam	140125	128525	10300	1300
Bushehr	120709	72368	6773	22360
Tehran	338157	83966	54165	12623
Chaharmahal&Bakhtiari	181960	143701	17965	920
South Khorasan.....	11238817	6244070	779325	2793928
Khorasan-e-Razavi.....	7598770	6229876	251914	558439
North Khorasan.....	404670	326020	70300	0
Khuzestan	949469	810940	16641	92959
Zanjan	943991	680026	89234	40663
Semnan	1259693	780458	231353	182299
Sistan&Baluchestan	2098780	1669385	232466	96144
Fars	4369267	3467370	501719	219421
Qazvin	570472	409074	7928	57548
Qom	245695	158017	32212	43955
Kordestan	3016614	2358875	65576	262116
Kerman	7581622	5842859	479531	656075
Kermanshah	297676	208435	30391	32270
Kohgiluyeh & Boyerahmad	443567	245814	195109	560
Golestan	368659	295600	50441	21856
Gilan	18656	16424	0	0
Lorestan	768865	741083	2443	24600
Mazandaran	3960590	2619389	143426	248865
Markazi	5833960	3381480	463580	809293
Hormozgan	2010650	1675452	44310	107190
Hamedan	814910	614476	42808	26080
Yazd	13432985	10717427	1506225	855241

6.7. INVESTMENT (CHANGES IN THE VALUE OF NON-FINANCIAL ASSETS) IN OPERATING MINES BY TYPE OF NON-FINANCIAL ASSETS AND OSTAN (continued) (mln rials)

Year and Ostan	Private road	Exploration and development	Computer software	Other
1385.....	42720	174966	-620	5618
1390.....	124038	246425	3112	2155326
1395.....	462252	430180	9890	2033139
1396.....	306039	367186	13041	3877391
1397.....	237845	407219	17268	528457
1398.....	425836	675984	34368	991893
1399.....	1015207	3101941	141892	723849
1400.....	1500587	3730636	151154	1511191
East Azarbaveian.....	11507	0	1924	153
West Azarbaveian	12527	7334	342	925
Ardebil	10952	4800	89	18068
Esfahan.....	105061	9663	-1503	43871
Alborz	0	0	1749	70725
Ilam	0	0	0	0
Bushehr	14636	1525	1689	1358
Tehran	166233	0	40	21130
Chaharmahal&Bakhtivari	16205	3170	0	0
South Khorasan.....	18857	1129555	18069	255013
Khorasan-e-Razavi.....	207354	311474	37112	2602
North Khorasan.....	2050	6300	0	0
Khuzestan	26731	527	1671	0
Zanian	10021	116537	1281	6230
Semnan	32554	25629	320	7079
Sistan & Baluchestan	36493	45508	811	17974
Fars	90211	85609	4937	0
Qazvin	80813	14300	449	360
Qom	2317	8712	482	0
Kordestan	154168	65955	1897	108027
Kerman	17485	537118	48553	0
Kermanshah	26550	0	30	0
Kohgiluyeh & Boyer-Ahmad	865	1220	0	0
Golestan	0	0	662	100
Gilan	0	0	0	2232
Lorestan	0	0	0	739
Mazandaran	138705	810052	152	0
Markazi	92193	124764	10773	951876
Hormozgan	18140	162500	3058	0
Hamedan	89947	38139	3461	0
Yazd	118011	220246	13105	2730

Source: Statistical Centre of Iran.

6.8. INVESTMENT (CHANGES IN THE VALUE OF NON-FINANCIAL ASSETS) IN OPERATING MINES BY ACTIVITY AND TYPE OF NON-FINANCIAL ASSETS, THE YEAR 1400

(mln rials)

Activity	Total investment	Machinery, durable tools and office	Vehicles	Building and installations
Total mines	78764527	57952832	6105974	7812153
Mining of hard coal.....	11975326	6266136	751003	2933302
Mining of iron ore	25528773	20232685	1927395	1775723
Mining of lead and zinc	2007001	1200969	369136	257248
Mining of gold ore	4964092	2608635	304776	840473
Mining of copper ore.....	4463582	3140692	540796	559094
Mining of chromite	352107	219207	33161	26565
Mining of manganese.....	285775	199286	16763	45283
Mining of bauxite.....	164553	88349	65490	6360
Mining of nickel, antimony and titanium.....	42230	22800	3230	12000
Mining of gravel and sand.....	8667495	7036454	809050	496709
Mining of decorative stones....	7869193	6976936	327411	318563
Mining of rubble stone.....	2404995	2146317	57743	87717
Mining of ballast stone.....	88925	87765	1060	0
Mining of lime stone	3934337	3343433	263957	124083
Mining of gypsum.....	1358612	991001	99726	68434
Mining of kaolin, fireclay, and	1136810	890478	64711	60389
Mining of dolomite	175390	167137	2642	2227
Mining of bentonite's and fuller's earth	64152	51485	3060	1187
Mining of barite	264876	204235	17437	10598
Mining of strontium sulphate...	201051	135527	55579	4760
Mining of sodium sulphate.....	55875	22146	19396	14063
Mining of limonite and ferrous oxide.....	15114	11501	870	2000
Mining of fluorine.....	96560	54175	13091	15758
Mining of phosphate, potash & iodine.....	63867	13979	15654	13221
Mining of salt.....	364175	210666	131068	17559
Mining of bitumen	163295	134385	10110	6900
Mining of silica	997964	746640	66934	23984
Mining of ores slag	45416	16715	16854	3651
Mining of feldspar.....	539287	484586	19500	6169
Mining of talcum.....	17497	14185	1400	400
Mining of shell & mica.....	2629	2629	0	0
Mining of magnesite and whiting	333373	216498	6975	62730
Mining of precious and semi-precious stones	3200	3200	0	0
Mining of other mines n.c.e	117000	12000	90000	15000

6.8. INVESTMENT (CHANGES IN THE VALUE OF NON-FINANCIAL ASSETS) IN OPERATING MINES BY ACTIVITY AND TYPE OF NON-FINANCIAL ASSETS, THE YEAR 1400 (continued)
(mln rials)

Activity	Private road	Exploration and development	Computer software	Other
Total mines	1500587	3730636	151154	1511191
Mining of hard coal	51491	1759440	5931	208023
Mining of iron ore	359122	1120607	92818	20423
Mining of lead and zinc	55115	68149	9558	46828
Mining of gold ore	4553	154222	12463	1038970
Mining of copper ore	83891	134281	4056	774
Mining of chromite	7720	64914	539	0
Mining of manganese	1322	21839	782	500
Mining of bauxite	3505	480	209	160
Mining of nickel, antimony and	4200	0	0	0
Mining of gravel and sand	173958	29088	6476	115759
Mining of decorative stones ...	122441	104141	8815	10887
Mining of rubble stone	72300	33696	3344	3880
Mining of ballast stone	100	0	0	0
Mining of lime stone	181209	11893	170	9592
Mining of gypsum	190384	7500	1163	404
Mining of kaolin, fireclay, and	30330	88347	2556	0
Mining of dolomite	750	2119	140	375
Mining of bentonite's and fuller's earth	5570	2600	100	150
Mining of barite	5936	26550	120	0
Mining of strontium sulphate & boron	470	4550	166	0
Mining of sodium sulphate	200	0	70	0
Mining of limonite and ferrous oxide ...	580	53	110	0
Mining of fluorine	410	12400	726	0
Mining of phosphate, potash & iodine ..	110	20000	602	300
Mining of salt	3067	1700	35	80
Mining of bitumen	11900	0	0	0
Mining of silica	108206	48130	19	4051
Mining of ores slag	2426	650	0	5120
Mining of feldspar	16104	12087	186	655
Mining of talcum	1500	0	0	12
Mining of shell & mica	0	0	0	0
Mining of magnesite and whiting	1720	1200	0	44250
Mining of precious and semi-precious stones	0	0	0	0
Mining of other mines n.c.e	0	0	0	0

Source: Statistical Centre of Iran.

6.9. GENERAL CHARACTERISTICS OF MINES COOPERATIVES AT THE END OF THE YEAR

Description	Number	Members	Workers	Capital (mln rials)
<i>Total cooperatives ⁽¹⁾</i>				
The year 1385.....	2303	32970	19000	206103
The year 1390	2413	35997	21180	185112
The year 1395.....	2807	74112	26838	710217
The year 1397.....	2872	77957	32394	1133238
The year 1398.....	2900	78178	26810	1166914
The year 1399.....	1240	51612	14557	1052945
The year 1400.....	1256	51620	14751	1056913
<i>The year 1401</i>	<i>1287</i>	<i>17270</i>	<i>15548</i>	<i>412148⁽²⁾</i>
<i>Cooperatives under establishment</i>				
The year 1385.....	137	2277	1251	20253
The year 1390	252	5359	3514	9087
The year 1395.....	270	2870	4868	82033
The year 1397.....	280	4119	9579	70253
The year 1398.....	292	4220	3789	80599
The year 1399.....	303	0	3959	80599
The year 1400.....	317	0	4151	84461
<i>The year 1401</i>	<i>341</i>	<i>6184</i>	<i>4870</i>	<i>81982⁽²⁾</i>
<i>Cooperatives in operation</i>				
The year 1385.....	966	16074	9045	112456
The year 1390	896	46355	8961	118580
The year 1395.....	950	51133	10507	555342
The year 1397.....	924	51954	10484	957068
The year 1398.....	938	51619	10598	979346
The year 1399.....	937	51612	10598	972346
The year 1400.....	939	51620	10600	972452
<i>The year 1401</i>	<i>946</i>	<i>11086</i>	<i>10678</i>	<i>330166⁽²⁾</i>

6.9. GENERAL CHARACTERISTICS OF MINES COOPERATIVES AT THE END OF THE YEAR (continued)

Description	Number	Members	Workers	Capital (mln rials)
East Azarbayejan	37	154	410	2309
West Azarbayejan	11	152	96	306
Ardebil	10	64	91	52
Esfahan	54	389	522	2746
Alborz	4	30	48	34
Ilam	2	14	8	21
Bushehr	36	104	363	856
Tehran	66	532	979	200296
Chaharmahal & Bakhtiyari	2	0	12	30
South Khorasan	21	171	265	728
Khorasan-e-Razavi	187	4841	1945	27077
North Khorasan	10	169	125	2000
Khuzestan	10	45	87	161
Zanjan	12	107	239	2384
Semnan	35	339	547	1841
Sistan & Bluchestan	5	21	32	55
Fars	38	1559	726	12272
Qazvin	12	69	147	485
Qom	27	134	237	661
Kordestan	16	834	430	558
Kerman	61	151	649	4624
Kermanshah	20	41	167	98
Kohgiluyeh & Boyerahmad	6	22	50	213
Golestan	12	100	69	390
Gilan	12	83	119	36
Lorestan	97	242	844	61672
Mazandaran	48	329	630	2792
Markazi	40	156	398	502
Hormozgan	25	90	244	2341
Hamedan	10	65	85	97
Yazd	20	79	114	2529

1. Excluding non-operating cooperatives as of the year 1399.

2. The decrease in the amount of capital in cooperatives in the year 1401 compared to the previous years is because in the year 1400 and before, it was based on self-reporting and in the year 1401, it was both based on self-reporting and providing written documents from cooperatives.

Source: Ministry of Cooperatives, Labor and Social Welfare.