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Introduction

urvey of 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 gathered 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 by 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 economic activities suffered from the lack of statistics during 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. Survey of mines has been conducted every year from the year 1367 to the year 1395 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 cooperatives 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 a sample survey, and other mines by a census.

(3) The ISIC Rev.5 is followed with appropriate modifications for the classification of activities in this sector.

Definitions and concepts

Mine: Refers an area which contains mineral deposit.

Ore dressing: Refers to all physical and chemical operations for separating some of waste materials from ores or separating ores from one another.

Operating mine: Every mine in which some operations are done for extraction, dressing activities or producing marketable ores.

Private management: Management exercised by individuals or private institutions.

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

Workers: All the individuals working full-time or part-time in mine-related activities inside or outside of the mine. The employed persons are divided into two groups: production line workers (skilled and unskilled) and other workers (administrative, financial and service) according to their duties.

Production line skilled workers: Employed persons capable of performing a part of technical activities related to 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: Persons working in production line whose jobs do not require any specific training or experience; such as laborers and porters.

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

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

Compensation of employees: See "Chapter 5, Definitions and concepts".

Mineral production: All minerals obtained from a series of extraction activities which make them marketable. It should be mentioned that in some mining activities, minerals are supplied to the market without undergoing 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 activities, several minerals may be produced. For example, copper ore mining activity includes minerals of copper ore and copper and molybdenum concentrates production.

Value of products: Value of extracted ores, value of processed minerals at the mine and saleable mineral waste products at producer prices at the mine.

Investment (changes in the value of capital properties): See Chapter 5, Definitions and concepts.

Value added: Value of receipts (outputs) less the value of payments (inputs).

Value of receipts (outputs): Value received for the producing and non-producing services.

Value of payments (inputs): Value paid for the services.

Cooperative: See Chapter 5, Definitions and concepts.

Mines cooperative: A cooperative company engaged in excavation, exploitation, and sales of minerals obtained from operating mines

Selected information

According to the results of national operating mines survey in the year 1395, there were a number of 4913 operating mines. The results show that a total of 93486 workers were working in these mines and the number of workers increased by 2.5 percent compared to the year 1394.

In the year 1395, the value of mines products amounted to 165734101 million rials. Iron ore, copper ore and decorative stones with 77607538, 40355435 and 9825809 million rials accounted for highest annual production value, respectively. In the year 1395, the value added of the nation's operating mine amounted to 123275908 million rials. Iron ore, copper ore, and decorative stones with 53151619, 32524226 and 8124733 million rials had the highest value added, respectively. Total value-added of these mines accounted for more than 76% of the sector's total value added. Moreover, Kerman, Yazd and East Azarbayejan with 55308212, 16488886 and 10974733 million rials had the highest value added of the nation's operating mines among the Ostans.

In the year 1395, an amount of 20368200 million Rials of new investment was made, of which 71% related to machinery, durable tools and office equipment, 13% to the construction and installations, 2% to development and exploration, and 2% to private roads.

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	
1380	2892	2548	344	55560 ⁽¹⁾	28013	14939	12608
1385	3582	3301	281	60062 ⁽¹⁾	31107	16146	12810
1390	5246	5036	209	84528	45159	21280	18089
1391	5316	5124	192	84922	46721	20261	17941
1392	5445	5276	170	94640	50886	22808	20946
1393	5355	5199	156	91869	51499	21372	18998
1394	5214	5056	158	91211	52975	19878	18358
1395⁽²⁾	4913	4744	169	93486	54826	20337	18323
East Azarbajejan	211	208	3	4741	2571	1526	643
West Azarbajejan	300	293	7	2719	1579	390	750
Ardebil	92	86	5	574	382	91	101
Esfahan	358	347	10	5393	3332	804	1257
Alborz	24	22	2	418	212	100	106
Ilam	37	31	6	324	174	56	94
Bushehr	159	159	0	1091	620	184	288
Tehran	92	87	4	1830	810	676	343
Chaharmahal&Bakhtiyari	102	96	6	428	223	56	149
South Khorasan	197	189	8	4821	2201	2065	555
Khorasan-e-Razavi	363	354	9	5482	2487	2059	936
North Khorasan	84	70	14	1164	810	182	172
Khuzestan	135	134	1	1419	810	267	342
Zanjan	124	123	1	1499	950	201	348
Semnan	343	335	8	4249	2366	807	1076
Sistan&Baluchestan	82	81	1	998	575	248	176
Fars	248	245	3	4189	3094	476	619
Qazvin	153	148	5	823	410	124	289
Qom	65	65	0	601	307	162	132
Kordestan	123	114	9	1002	591	173	237
Kerman	482	467	16	23031	13788	4508	4735
Kermanshah	86	82	5	825	390	155	281
Kohgiluyeh&Boyerahmad	75	75	0	580	335	113	132
Golestan	65	61	4	1588	842	295	451
Gilan	90	75	15	1231	517	451	263
Lorestan	74	64	10	1214	591	201	422
Mazandaran	113	109	4	2794	1573	756	465
Markazi	222	217	5	2181	1280	411	491
Hormozgan	90	90	0	1465	887	372	206
Hamedan	183	181	2	1742	844	608	290
Yazd	142	136	6	13069	9274	1821	1975

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

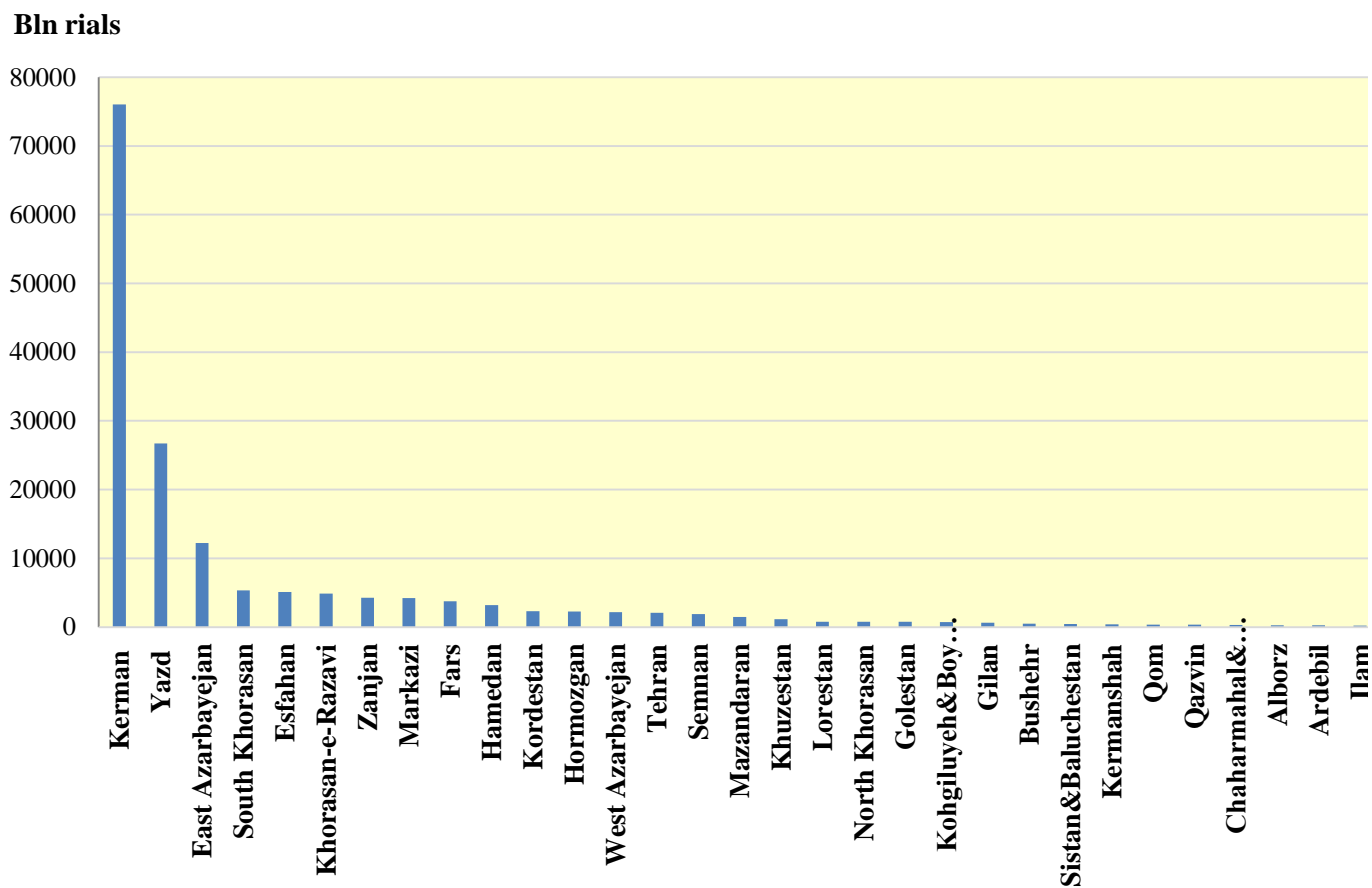
Year and Ostan	Compensation of employees	Value of production
1380.....	899382	5675787
1385.....	2307840	22642408
1390.....	7316839	65442497
1391.....	8857564	101209836
1392.....	12063847	126738474
1393.....	15797219	139206408
1394.....	20722775	118291069
1395⁽²⁾.....	23912398	165734101
East Azarbayejan.....	1636897	12224972
West Azarbayejan	461506	2186061
Ardebil	56640	250745
Esfahan	1134747	5093620
Alborz.....	80568	278258
Ilam	45595	233059
Bushehr	156000	482906
Tehran.	327757	2069581
Chaharmahal& Bakhtiari	54228	298165
South Khorasan	851810	5325000
Khorasan-e-Razavi	1394992	4886821
North Khorasan	267273	753030
Khuzestan	201503	1126366
Zanjan	316303	4267572
Semnan.....	410186	1874598
Sistan&Baluchestan	118007	460663
Fars	703479	3764770
Qazvin	112742	343218
Qom	116408	372171
Kordestan	136713	2287544
Kerman	10044794	76027587
Kermanshah.....	91161	412673
Kohgiluyeh&Boyerahmad	128106	737596
Golestan	260198	746570
Gilan.....	133871	628806
Lorestan.....	170503	775895
Mazandaran.....	466519	1467774
Markazi	401655	4216144
Hormozgan	292622	2259865
Hamedan	309947	3186042
Yazd	3029669	26696031

1. Excluding the workers of mines in which their excavation activities were outsourced according to an contract in the year 1387 and before .

2. Statistics for sand and gravel mines obtained from sample surveys were generalized to the total country and caused some Differences between the total and sum of parts in some cases.

Source: Statistical Centre of Iran.

6.1. VALUE OF MINERAL PRODUCTS OF OPERATING MINES BY OSTAN, THE YEAR 1395



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 1395 (mln rials)**

Activity	Number of mines			Number of workers				Compensation of wage and salary earners	Value of production
	Total	Type of management		Total	Production line		Other (administrative, financial and service)		
		Private	Public		Skilled	Unskilled			
Total ⁽¹⁾.....	4913	4744	169	93486	54826	20337	18323	23912398	165734101
Mining of hard coal	92	83	9	10136	5523	3339	1274	1719063	6139243
Mining of iron ore	119	112	7	25042	15413	5099	4530	9924675	77607538
Mining of lead and zinc	33	30	3	2640	1789	408	443	722796	6396406
Mining of gold ore.....	7	6	1	824	526	156	142	219547	1188135
Mining of copper ore....	42	39	3	8931	5210	1985	1736	4139587	40355435
Mining of chromite	43	43	0	1970	1002	679	289	568848	1558595
Mining of manganese	17	17	0	472	212	152	108	86573	162683
Mining of bauxite	9	6	3	597	404	144	49	158932	733752
Mining of nickel, antimony and titanium..	4	2	2	67	40	12	15	11482	138487
Mining of gravel and sand.....	1141	1074	67	9133	4915	1891	2326	1162806	5248537
Mining of decorative stones	709	696	13	10222	6525	1563	2135	1773786	9825809
Mining of rubble stone	739	724	14	4055	2240	799	1016	437645	1974624
Mining of ballast stone	8	8	0	104	62	16	26	29784	116127
Mining of lime stone	902	865	37	10590	6210	2172	2209	1771147	8300567
Mining of gypsum	268	266	2	2184	1229	454	501	268138	1572112
Mining of kaolin and fireclay	191	190	1	1503	955	252	296	232202	893646
Mining of dolomite.....	28	28	0	173	85	45	43	16706	72334
Mining of bentonite's and fuller's earth.....	61	61	0	294	152	75	68	22990	126211
Mining of whiting.....	0	0	0	0	0	0	0	0	0
Mining of barite, limonite and ferrous oxide	68	68	0	509	266	125	118	76518	358446
Mining of strontium sulphate & boron	10	10	0	91	48	21	22	15327	66674
Mining of sodium sulphate.....	14	12	2	159	71	71	17	13497	120940
Mining of fluorine	18	18	0	213	117	48	48	36783	313589
Mining of phosphate, potash & iodine	5	2	3	471	217	67	187	111347	806241
Mining of salt	69	69	0	746	376	210	160	93726	414958
Mining of bitumen.....	9	9	0	53	13	19	21	4577	40419
Mining of silica	127	125	2	924	510	167	247	123938	587620
Mining of ores slag.....	81	81	0	501	286	98	117	54470	206091
Mining of feldspar	61	61	0	389	201	74	114	36707	132080
Mining of talcum	12	12	0	81	45	13	23	10322	33608
Mining of shell & mica.....	12	12	0	65	28	24	13	7491	35325
Mining of magnesite.....	10	10	0	178	101	57	20	30454	140800
Mining of precious and semi-precious stones.....	5	5	0	168	55	103	10	30538	67069

1. Statistics for some mines, obtained from sample surveys were generalized to the total country and caused differences between the total and sum of parts in some cases.

Source: Statistical Centre of Iran.

6.3. MINERALS PRODUCTION IN OPERATING MINES BY TYPE OF ACTIVITY, THE YEAR 1395 (1000 tons)

Activity	Production
Total	354103
Mining of hard coal	3251
Mining of iron ore	57329
Mining of lead and zinc	1888
Mining of gold ore	1926
Mining of copper ore	7332
Mining of chromite	342
Mining of manganese	72
Mining of bauxite	868
Mining of nickel, antimony and titanium	22
Mining of gravel and sand	73504
Mining of decorative stones	10715
Mining of rubble stone	22554
Mining of ballast stone	515
Mining of lime stone	138560
Mining of gypsum	16377
Mining of kaolin and fireclay	6120
Mining of dolomite	643
Mining of bentonite's and fuller's earth	842
Mining of whiting	0
Mining of barite, limonite and ferrous oxide	454
Mining of strontium sulphate & boron	197
Mining of sodium sulphate	865
Mining of fluorine	122
Mining of phosphate, potash & iodine	107
Mining of salt	2796
Mining of bitumen	16
Mining of silica	3730
Mining of ores slag	1823
Mining of feldspar	774
Mining of talcum	123
Mining of shell & mica	79
Mining of magnesite	156
Mining of precious and semi-precious stones	0.119

Source: Statistical Centre of Iran.

**6.4. VALUE OF MINERALS PRODUCTION IN OPERATING MINES BY TYPE OF ACTIVITY,
THE YEAR: 1395** (mln rials)

Activity	Value of production
Total	165734101
Mining of hard coal	6139243
Mining of iron ore	77607538
Mining of lead and zinc	6396406
Mining of gold ore	1188135
Mining of copper ore	40355435
Mining of chromite	1558595
Mining of manganese	162683
Mining of bauxite	733752
Mining of nickel, antimony and titanium	138487
Mining of gravel and sand	5248537
Mining of decorative stones	9825809
Mining of rubble stone	1974624
Mining of ballast stone	116127
Mining of lime stone	8300567
Mining of gypsum	1572112
Mining of kaolin and fireclay	893646
Mining of dolomite	72334
Mining of bentonite's and fuller's earth	126211
Mining of whiting	0
Mining of barite, limonite and ferrous oxide	358446
Mining of strontium sulphate & boron	66674
Mining of sodium sulphate	120940
Mining of fluorine	313589
Mining of phosphate, potash & iodine	806241
Mining of salt	414958
Mining of bitumen	40419
Mining of silica	587620
Mining of ores slag	206091
Mining of feldspar	132080
Mining of talcum	33608
Mining of shell & mica	35325
Mining of magnesite	140800
Mining of precious and semi-precious stones	67069

Source: Statistical Centre of Iran.

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

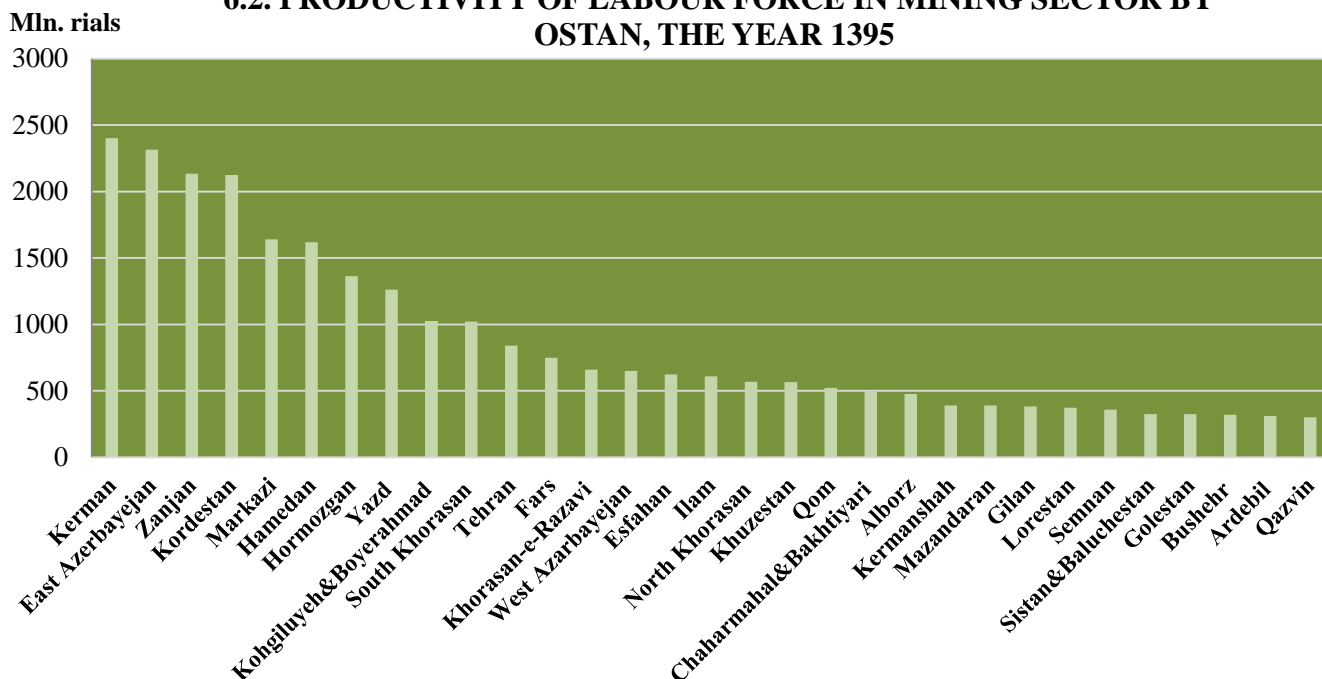
Year and Ostan	Value added	Payments (inputs)	Receipts (outputs)
1380	4618050	1254791	5872841
1385	16666060	6345035	23011095
1390	47826873	19100952	66927825
1391	79163479	23217922	102381401
1392	93432183	35910466	129342649
1393	97590386	45031120	142621506
1394	84071447	36328753	120400200
1395	123275908	45348911	168624819
East Azerbayejan	10974733	1286582	12261316
West Azarbayejan	1764745	475325	2240070
Ardebil	177495	83267	260762
Esfahan	3357870	1892810	5250680
Alborz	199520	88875	288394
Ilam.....	197323	43074	240396
Bushehr	347954	164960	512914
Tehran.....	1536632	604288	2140919
Chaharmahal&Bakhtiyari	212069	98039	310108
South Khorasan	4917193	506842	5424036
Khorasan-e-Razavi	3611329	1574142	5185471
North Khorasan	660459	126805	787264
Khuzestan	802795	382949	1185744
Zanjan	3198809	1162464	4361273
Semnan	1527114	399664	1926778
Sistan&Baluchestan.....	325134	218106	543240
Fars	3136397	796945	3933342
Qazvin	248243	112862	361105
Qom	313805	60156	373962
Kordestan.....	2129059	228465	2357524
Kerman	55308212	21220444	76528656
Kermanshah.....	322036	104378	426414
Kohgiluyeh&Boyerahmad	595286	161257	756543
Golestan.....	516718	281578	798296
Gilan	470548	163265	633812
Lorestan	453316	345554	798870
Mazandaran	1087111	502355	1589466
Markazi.....	3579451	712516	4291967
Hormozgan	1996534	502287	2498821
Hamedan	2819131	445677	3264808
Yazd	16488886	10602981	27091867

6.6.VALUE ADDED, INPUTS AND OUTPUTS VALUE OF OPERATING MINES BY TYPE OF ACTIVITY, THE YEAR 1395 (mln rials)

Activity	Value added	Payments (inputs)	Receipts (outputs)
Total.....	123275908	45348911	168624819
Mining of hard coal	5530797	713428	6244225
Mining of iron ore.....	53151619	25178688	78330306
Mining of lead and zinc	4571068	1939934	6511003
Mining of gold ore	888316	312255	1200570
Mining of copper ore	32524226	8278032	40802258
Mining of chromites	1398434	199165	1597599
Mining of manganese	132381	30744	163125
Mining of bauxite	679184	56478	735662
Mining of nickel, antimony and titanium	123248	15800	139048
Mining of gravel and sand	3932159	1597343	5529501
Mining of decorative stones	8124733	2061255	10185987
Mining of rubble stone.....	1459731	604517	2064248
Mining of ballast	92383	32243	124626
Mining of lime stone	5807501	3014684	8822185
Mining of gypsum	1233842	388572	1622414
Mining of kaolin and fireclay	714904	201437	916341
Mining of dolomite	45885	27983	73868
Mining of bentonite and fuller's earth	95439	34276	129716
Mining of whiting	0	0	0
Mining of barite, limonite and ferrous oxide ...	287363	79955	367317
Mining of strontium sulphate & boron	50825	17308	68132
Mining of sodium sulphate	103934	17986	121921
Mining of fluorine	297490	24755	322245
Mining of phosphate, potash & iodine.....	746970	87391	834361
Mining of salt	321998	103727	425725
Mining of bitumen	32989	8412	41401
Mining of silica	449394	155229	604622
Mining of ores slag	150923	74143	225065
Mining of feldspar	92027	45773	137800
Mining of talcum	20522	13586	34108
Mining of shell & mica	27350	8471	35821
Mining of magnesite	127389	18903	146292
Mining of precious and semi-precious stones..	60887	6437	67324

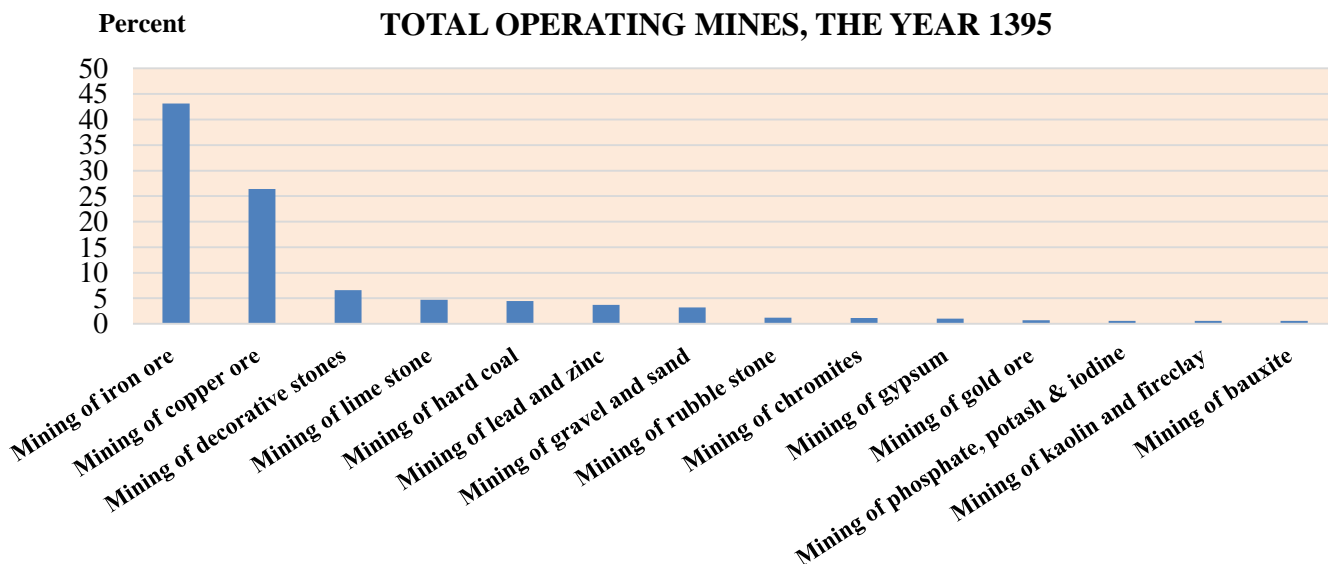
Source: Statistical Centre of Iran. Office of Industry, Mining and Infrastructure

6.2. PRODUCTIVITY OF LABOUR FORCE IN MINING SECTOR BY OSTAN, THE YEAR 1395



For data see Tables 6.1 and 6.5.

6.3. RATIO OF THE VALUE ADDED OF SELECTED MINES TO THE TOTAL OPERATING MINES, THE YEAR 1395



For data see Table 6.6.

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

Year and Ostan	Total ⁽¹⁾ investment	Durable machinery and equipment and office supplies	Vehicles	Building and instalations (without land)	Private road	Exploration and development	Computer software	Other
1380.....	667897	537418	40533	47788	26187	10327	1204	4439
1385.....	1737226	1328153	87357	99032	42720	174966	-620	5618
1390 ⁽²⁾	6149346	2957585	251308	411553	124038	246425	3112	2155326
1391.....	8606538	6115720	473711	1528769	112297	316678	20128	39235
1392.....	12980023	10320746	31808	1247367	283592	374570	24809	697131
1393.....	19872751	10241005	345517	1092013	213925	760531	7477	7212285
1394.....	29420549	16661997	1194231	2659318	439458	8357900	4242	103403
1395.....	20368200	14421854	330705	2680180	462252	430180	9890	2033139
East Azarbayejan.....	2367110	377386	16514	61587	11041	430	114	1900038
West Azarbayejan	389275	341078	5237	13802	9032	17691	14	2422
Ardebil.....	29348	23678	2785	25	1985	778	95	3
Esfahan.....	753159	671063	18812	28835	24806	7676	-658	2625
Alborz.....	39797	36038	1597	521	1036	0	605	0
Ilam	29799	22242	7084	221	224	0	29	0
Bushehr	65184	56183	1750	541	5382	1300	28	0
Tehran	268910	162813	797	38646	547	200	290	65616
Chaharmahal&Bakhtiyari	39951	34840	1527	340	3245	0	0	0
South Khorasan	117934	78373	1105	17704	3659	12471	130	4491
Khorasan-e-Razavi	495076	313478	47396	8578	15432	105765	362	4066
North Khorasan	62235	53838	3017	1925	3356	70	28	0
Khuzestan	133910	52680	24354	35100	16735	5040	0	0
Zanjan	150181	86079	16130	34120	2315	3156	107	8274
Semnan	143338	103950	16768	7385	4417	10260	318	239
Sistan&Baluchestan ...	58053	32340	12031	1794	9789	530	28	1540
Fars	554750	493537	35113	11636	13734	730	1	0
Qazvin	128707	110843	4307	5000	3772	4028	303	453
Qom	17018	9872	1425	270	3500	1800	101	50
Kordestan	200509	171999	5163	8528	11580	3058	43	137
Kerman	10571711	9007940	45023	1089847	210205	215440	3256	0
Kermanshah	53649	49032	557	3157	740	120	4	40
Kohgiluyeh&Boyerahmad	15502	12513	2327	663	0	0	0	0
Golestan	113676	51290	2752	18862	0	0	105	40667
Gilan	41182	24732	2480	10130	402	3403	35	0
Lorestan	60714	59387	347	0	0	0	0	980
Mazandaran	160071	119741	13512	7673	13683	5462	0	0
Markazi	250234	218801	10086	6350	7515	6542	694	246
Hormozgan	136731	110615	10412	7812	4190	3084	618	0
Hamedan	107416	72323	5524	19812	5120	2262	954	1421
Yazd	2813070	1463168	14772	1239316	74808	18885	2289	-169

1. Difference in the total is due to rounded numbers.

2. Revised figures.

Source: Statistical Centre of Iran. Office of Industry, Mining and Infrastructure

6.8. INVESTMENT (CHANGES IN THE VALUE OF NON-FINANCIAL ASSETS) IN OPERATING MINES BY TYPE OF NON-FINANCIAL ASSETS AND TYPE OF ACTIVITY, THE YEAR 1395

(mln rials)

Activity	Total investment	Durable machinery and equipment and office supplies	Vehicles	Building and installations (without land)
Total	20368200	14421854	330705	2680180
Mining of hard coal	146324	83098	11490	25819
Mining of iron ore	13395910	10385279	85990	2314288
Mining of lead and zinc.....	170525	100202	15293	28281
Mining of gold ore	104064	94102	2906	5279
Mining of copper ore.....	2822137	808122	23456	85830
Mining of chromite.....	55038	41119	3858	4537
Mining of manganese.....	15540	8606	1287	265
Mining of bauxite	16932	5778	1309	487
Mining of nickel, antimony and titanium.....	14484	7187	532	2500
Mining of gravel and sand...	693572	504678	27800	79465
Mining of decorative stones	1181919	1026557	41551	34563
Mining of rubble stone	300455	261958	18468	7664
Mining of ballast	14697	11710	2503	246
Mining of lime stone	831321	659196	68309	44950
Mining of gypsum	157629	126958	14192	6506
Mining of kaolin and fireclay.....	92362	81205	3519	2161
Mining of dolomite.....	16772	16027	84	0
Mining of bentonite and fuller's earth	7352	4431	779	476
Mining of whiting	0	0	0	0
Mining of barite, limonite and ferrous oxide	69490	46942	1469	16105
Mining of strontium sulphate & boron	16804	13549	1033	897
Mining of sodium sulphate..	2008	615	321	28
Mining of fluorine	13814	11351	829	800
Mining of phosphate, potash & iodine	24636	-22997	-1317	8284
Mining of salt	38088	7402	1944	6768
Mining of bitumen.....	2369	2310	4	0
Mining of silica	97618	76447	2501	2274
Mining of ores slag	29073	25054	1409	621
Mining of feldspar	16281	13239	961	1061
Mining of talcum	11171	10767	240	24
Mining of shell & mica	5121	5106	0	0
Mining of magnesite.....	434	2498	-2214	0
Mining of precious and semi-precious stones	4261	3361	200	0

6.8. INVESTMENT (CHANGES IN THE VALUE OF NON-FINANCIAL ASSETS) IN OPERATING MINES BY TYPE OF NON-FINANCIAL ASSETS AND TYPE OF ACTIVITY, THE YEAR 1395
(continued) (mln rials)

Activity	Private road	Exploration and development	Computer software	Other
Total	462252	430180	9890	2033139
Mining of hard coal	7200	18471	246	0
Mining of iron ore	289905	308863	6024	5561
Mining of lead and zinc	1753	19763	235	4999
Mining of gold ore	130	1529	43	75
Mining of copper ore	506	3994	179	1900050
Mining of chromite	1874	3644	6	0
Mining of manganese.....	3516	1800	61	5
Mining of bauxite	462	8870	26	0
Mining of nickel, antimony and titanium	1330	1430	5	1500
Mining of gravel and sand .	9809	4248	1729	65844
Mining of decorative stones	46635	27366	755	4491
Mining of rubble stone.....	10020	1800	389	156
Mining of ballast	135	0	102	0
Mining of lime stone.....	42748	10589	-155	5685
Mining of gypsum	7530	2123	60	261
Mining of kaolin and fireclay	4057	485	52	883
Mining of dolomite	160	30	0	471
Mining of bentonite and fuller's earth	806	830	10	20
Mining of whiting	0	0	0	0
Mining of barite, limonite and ferrous oxide	1403	3504	31	36
Mining of strontium sulphate & boron.....	162	400	10	753
Mining of sodium sulphate	40	0	5	1000
Mining of fluorine.....	645	185	4	0
Mining of phosphate, potash & iodine	0	0	0	40667
Mining of salt	15877	5835	25	239
Mining of bitumen	55	0	0	0
Mining of silica	13686	2530	0	181
Mining of ores slag	1001	884	0	103
Mining of feldspar	542	356	12	110
Mining of talcum	100	0	40	0
Mining of shell & mica	15	0	0	0
Mining of magnesite	0	150	0	0
Mining of precious and semi-precious stones	150	500	0	50

Source: Statistical Centre of Iran. Office of Industry, Mining and Infrastructure

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

(mln rials)

Description	Number	Members	Workers	Capital
<i>Registered cooperatives⁽¹⁾</i>				
The year 1380.....	1691	21373	12146	106325
The year 1385.....	2303	32970	19000	206103
The year 1390	2413	35997	21180	185112
The year 1392.....	2666	78958	25189	273966
The year 1393.....	2701	79202	25910	1507179
The year 1394.....	2750	80001	26543	1543797
The year 1395.....	2807	74112	26838	710217
The year 1396.....	2840	75944	26880	762086
<i>Cooperatives under establishment</i>				
The year 1380.....	56	972	342	3502
The year 1385.....	137	2277	1251	20253
The year 1390	252	5359	3514	9087
The year 1392.....	301	5169	5321	16018
The year 1393.....	274	5054	5372	986814
The year 1394.....	263	2793	4928	72092
The year 1395.....	270	2870	4868	82033
The year 1396.....	270	3273	4521	61548
<i>Cooperatives in operation</i>				
The year 1380.....	841	12029	7555	77835
The year 1385.....	966	16074	9045	112456
The year 1390	896	46355	8961	118580
The year 1392.....	940	55064	9990	176791
The year 1393.....	944	54987	10158	1326258
The year 1394.....	956	57566	10894	1395813
The year 1395.....	950	51133	10507	555342
The year 1396.....	916	50447	10318	595533

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

Description	Number	Members	Workers	Capital
East Azarbayejan	35	365	405	3304
West Azarbayejan	13	125	139	8118
Ardebil	7	69	74	533
Esfahan	50	423	415	34443
Alborz.....	7	655	51	1157
Ilam	2	14	8	1900
Bushehr	32	236	324	8488
Tehran	65	1360	998	56988
Chaharmahal & Bakhtiyari	6	42	46	129
South Khorasan	17	605	298	1985
Khorasan-e-Razavi	190	4014	2089	173539
North Khorasan	7	203	79	68
Khuzestan	9	76	84	128
Zanjan	11	329	191	113758
Semnan	35	382	440	41681
Sistan & Bluchestan	6	44	38	1887
Fars	36	36599	827	32474
Qazvin	8	65	82	9867
Qom	25	220	211	5634
Kordestan	13	687	373	1336
Kerman	60	528	554	5875
Kermanshah	19	133	158	182
Kohgiluyeh & Boyerahmad	5	42	43	349
Golestan	9	78	69	454
Gilan	11	85	103	1638
Lorestan	95	913	792	6471
Mazandaran	46	1352	525	38076
Markazi	42	359	433	5837
Hormozgan	28	215	254	1065
Hamedan	8	57	65	369
Yazd	19	172	150	37800

1. Including cooperatives in operation, out of operation and under establishment.

Source: Ministry of Cooperatives, Labor and Social Welfare.