

Introduction

The country's first manufacturing survey was launched in the year 1342 by the former General Department of Public Statistics, for which the Ministry of Economics was an immediate replacement from the year 1343 to the year 1351. It kept on performing the job up to the year 1352, when the Ministry of Industries and Mines took the duty over.

The Statistical Centre of Iran (SCI) launched the first Survey of Large Manufacturing Establishments (with 10 or more workers) in the year 1351, which was annually repeated until the year 1366, except for the years 1356 and 1357.

Because of changes taken place in the country's industrial structure and the need for statistical survey of the manufacturing establishments, the Statistical Centre of Iran planned and implemented a comprehensive manufacturing survey in the year 1367, which was annually implemented till the year 1370.

Due to the fact that the large manufacturing establishments (with 10 or more workers), comprised the lion's share of the manufacturing sector, the SCI resumed the annual implementation of the Survey of Large Manufacturing Establishments in the year 1371, which was repeated in the years 1372 and 1373. Moreover, in the year 1373 the SCI conducted the National Census of Manufacturing and Mines (NCMM).

The second stage of the NCMM was implemented in the year 1374 based on the frame developed from the first stage, to provide data in detail for the year 1373 in this sector. During this stage, the data on manufacturing establishments with less than 6 workers were collected through a sample survey, while the data on those with 6 or more workers were gathered through a census.

In the year 1376, the data on manufacturing establishments for the years 1374 and 1375 were collected based on the developed frame and the establishments identified after the year 1373. The data on establishments with 10 and more workers were collected through a census, while the data on establishments with less than 10 workers were based on a sample survey only for the year 1375. Moreover, the survey for the manufacturing establishments with 10 or more workers has been taken since the year 1377 to collect and disseminate data in detail for the previous year by type of manufacturing activity. In the year 1381, the National Census of Establishments was conducted to collect a frame data set for the nation's economic activities- for both establishments and households' activities.

In the year 1382, based on the frame developed from the 1381 National Census of Establishments, the data for the manufacturing establishments with less than 10 workers were collected through a sample survey with a sample size of 50000, while the data for the establishments with 10 or more workers were gathered through a census. In the next years, based on the frame developed from the 1381 National Census of Establishments, a census was conducted to collect data on the establishments with 10 or more workers. The data resulted from this census are included in this chapter.

With respect to the importance of the household industries, a sample survey on these activities was implemented along with the NCMM in the years 1374 and 1376.

Also, data collection on new manufacturing permits has regularly been conducted by the Ministry of Industries and Mines since its involvement in statistical activities.

The information presented here comprises the data on manufacturing permits issued by the Ministry of Industry, Mine and Trade, selected data on characteristics and economic performance of manufacturing establishments and households with economic activities, resulted from the SCI's surveys, and data on general characteristics of manufacturing cooperatives covered by the Ministry of Cooperatives, Labour and Social Welfare.

It should be mentioned that the data appeared in the tables 8.1 through 8.7 are related to the establishments supervised by the Ministry of Industry, Mine and Trade, so the data on refineries are not included, for they are not covered by the Ministry.

It is noteworthy that in the tables 8.8 through 8.17, for classifying activities of the manufacturing sector, the ISIC, Rev.4 has been used. Also, with regard to updating survey frame of establishments with 100 and more workers, the information related to the years 1394 and 1395 is based on the new frame and is provided in the 1398 Statistical Yearbook.

Definitions and concepts

Establishment licence This is an economic activity licence issued by the Ministry of Industry, Mining and Trade for the purpose of investing in industrial activity at the request of a natural or legal applicant after meeting the necessary qualifications for establishing a new unit, transferring the location of an existing unit, or expanding an existing unit including licences for the increase of the production capacity of the current products, producing new products, completing the production line or renovation, and overhauling their machinery, equipment, and facilities.

Trade license (business permit): This is a license that is granted to businessmen/women a specific location or means of business in order to start and continue a business or profession on a temporary or

permanent basis according to the provisions of Article 5 of the Trade Union Law.

Industrial Operation/Exploitation License: This is an economic activity licence that is issued after the installation of production line machines and equipment, subsidiary equipment, recruiting manpower, and trial production. It is issued upon the request of a natural or legal applicant from the Ministry of Industry, Mining, and Trade for carrying out industrial activity aimed at mass production in an industrial establishment.

Manufacturing Establishment: This is an establishment that is created by having a set of manpower, machinery, equipment, buildings and facilities to carry out some industrial activity.

Establishment Ownership Status: This is a legal right that is documented in documents and pieces of evidence of ownership of land area and buildings, machinery, and equipment, which can be divided into two public or private categories including public and private establishments (cooperative), and private non-cooperative establishments.

Public establishment: This refers to the establishments of which all or over 50% of the capital belongs to ministries, government organizations, banks, Islamic Revolution institutions, municipalities, or other public sector bodies and institutions.

Private (cooperative) establishment: This refers to an establishment registered as a cooperative of which the whole or more than 50% of the capital belongs to natural or legal persons.

Cooperative establishment: This refers to an establishment registered as a cooperative company of which the whole or more than 50% of shares belongs to the members of the cooperative.

Employed (workers): This refers to all employees/individuals who work for an establishment as full-time or part-time workers or employees, inside or outside of the establishment, whether with wages and salaries or without wages and salaries (owners and active

partners/shareholders and unpaid family workers/employee).

Employed members of households engaged in household-industrial activities: This refers to the people engaged in manufacturing activities at the household's residence to earn an income or to produce durable goods /commodities such as carpets, rugs, and clothing for their own or their households' use.

It is worth mentioning that to estimate the statistics on workers, the "Annual Average Number of the Employed" method is applied.

Wage and salary: This refers to gross cash and non-cash payments of the establishment to the wages and salary earners.

Compensation of services rendered to wage/salary earners: This includes wages and salaries and other cash and non-cash payments to wage and salary earners.

Other payments to wage/salary earners: These payments include payments for bonuses, overtime work, food and clothing costs, commuting costs, child allowance, spousal allowance, mission allowance, bad weather allowance, employer's share of insurances and social security costs, payments for food and bus tickets, etc.

Investment (changes in non-financial assets): This refers to the value of the changes made in the non-financial assets of the establishment (the total value of the purchase or acquisition and the cost of major repairs of non-financial assets less the value of sale or transfer of non-financial assets), during a certain period of time.

Non-financial assets of the establishment : This refers to machinery, equipment and tools that are used to perform manufacturing activities or to provide services. Their useful economic life is usually longer than one year. Manufacturing machinery and power equipment, durable working tools and instruments, office supplies and equipment, vehicles and buildings are examples of the non-financial assets of the establishment.

Raw and primary materials: This refers to materials that are brought to the establishment to undergo physical or chemical changes and are used in manufacturing ..

Value added of manufacturing activities: This is the difference between the output value and value of intermediate consumptions of the manufacturing activity.

Manufacturing establishments productivity: This refers to the proportion of manufacturing value or value- added to the total cost of production factors.

Workforce productivity: This refers to an index that expresses the changes in the value added or output of the economy or any economic activity for a fixed amount of labor force input and is obtained from the proportion of the value added or output of the economy to the labour input at a period of time. This index shows the effect of the labour force used in the production of output or gross value added.

Industrial services: This refers to the contractual activities, minor repairs of buildings, machinery, office equipment and vehicles, as well as installation and putting products into operation.

Non-industrial services: This refers to the renting of buildings and machinery, communications, commercial insurances, etc.

Receipts and payments for non-industrial services: This refers to receipts and payments of the establishments for services like renting of buildings and machinery, communications, telecommunications, transport, auditing, legal and educational services, commissioning, etc.

Manufacturing cooperatives: These are cooperatives that take action in various areas of industry according to the field of activity mentioned in their statutes through making use of their members' capitals, manpower and expertise.

Hand-woven carpet cooperatives: This refers to the cooperatives engaged in production of different kinds of hand-woven carpets and similar products by providing such services as preparing and distribution of raw materials.

Selected information

In the year 1399, there were 30400 manufacturing establishments with 10 and more workers totaling 1884473 employed persons, percent and increased by 4.3 and 4.5 percent, respectively compared to the previous year. The ownership of 99.2 percent of the establishments was for the private sector and about 0.8 percent for the public sector.

Besides, out of the number of the workers, 78.6 percent were employed in the establishments with 10-49 workers, 10.5 percent in the establishments with 50-99 workers and 10.9 percent were employees of the establishments with 100 and more workers.

In the year 1399, the amount of investment made in manufacturing establishments with 10 and more workers was about 112,676,523 million rials, which increased by about 118.4 percent in contrast to the previous year.

In the same year, value-added of the industrial activity of manufacturing establishments with 10 and more workers was 9056992378 million rials which increased by 94.7 percent compared to the preceding year. Out of the mentioned amount of value added, 23.0 percent related to the production of chemicals and chemical products, 20.7 percent was for basic metals, 12.7 percent related to the production of coke and products from oil refining, 10.2 percent was for the production of food products, 5.8 percent went to the production of other non-metallic mineral products, and 3.8 percent related to the production of rubber and plastic products

In the year 1399, Bushehr, Hormozgan and Khuzestan Ostans with 4209436, 1788656 and 1514370 million rials had the highest per-capit value-added for manufacturing establishments with 10 and more workers, respectively and also Bushehr, Khuzestan and Hormozgan Ostans with 35354, 17706 and 11687 million rials had the highest per capita value added of the workers in manufacturing establishments with 10 and more workers, respectively.

8.1. LICENCES ⁽¹⁾ ISSUED BY THE MINISTRY OF INDUSTRY, MINE AND TRADE FOR ESTABLISHING MANUFACTURING ESTABLISHMENTS BY TYPE OF ACTIVITY

(number)

Activity	Year							
	1385	1390	1395	1396	1397	1398	1399	1400
Total.....	54288	15872	16897	20902	24404	28043	41343	39661
Manufacture of food products and beverages	9849	2948	2732	3137	3380	3296	3795	3935
manufacture of tobacco products and products of tobacco substitutes: cigarettes	7	2	9	17	23	24	46	51
Manufacture of textiles	2683	529	752	826	867	1053	1241	1281
Manufacture of wearing apparel; dressing and dyeing of fur	1997	260	460	583	791	894	1442	1449
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; manufacture of footwear	506	79	130	139	188	364	310	347
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials....	1780	528	343	526	594	681	888	840
Manufacture of paper and paper products.....	1655	462	529	642	746	966	1096	1131
Publishing, printing and reproduction of recorded media.....	204	33	53	71	56	61	61	84
Manufacture of coke, refined petroleum products and nuclear fuels	456	199	138	222	312	376	374	353
Manufacture of chemicals and chemical products.....	3255	912	1545	1800	2498	3275	4544	4064
Manufacture of rubber and plastic products	6573	1846	1672	2103	2326	2748	3755	3863
Manufacture of other non-metallic mineral products.....	8674	3936	1970	2578	3304	3561	5594	5881
Manufacture of basic metals	2089	606	598	791	610	706	933	1034
Manufacture of fabricated metal products, except machinery and equipment	4558	1353	1298	1740	2013	2492	3509	3293
Manufacture of machinery and equipment n.e.c	3572	797	1064	1367	1637	1801	2675	2606
Manufacture of office, accounting and computing machinery.....	435	25	68	69	85	108	183	424
Manufacture of electric generators, transformers and electric apparatus .e.c.....	1495	351	466	599	646	802	1143	1133
Manufacture of radio, television and communication equipment and apparatus.....	304	53	100	138	202	174	233	291
Manufacture of medical, precision and optical instruments, watches and clocks.....	372	113	288	343	447	545	1424	682
Manufacture of motor vehicles, trailers and semi-trailers.....	1306	280	368	393	495	572	768	711
Manufacture of other transport equipment.....	413	99	92	152	142	144	224	208
Manufacture of furniture; manufacturing n.e.c	1298	218	615	884	1069	1275	1854	1696
Recycling	807	239	327	421	509	582	688	715
Production of energy	×	×	39	0	2	0	0	4
Supporting and auxiliary transport activities; travel agency activities	×	×	80	37	5	1	227	288
Computer and related activities.....	×	4	2	0	0	0	2232	1188
Research and development.....	×	×	2	0	0	0	0	1188
Other activities of engineering services	×	×	1150	1314	1440	1531	2097	2092
Sewage and refuse disposal, sanitation and similar activities	×	×	6	10	15	11	7	15
Water collection, treatment and supply.....	×	×	1	0	2	0	0	2

1. Including new manufacturing establishments and expansion of existing establishments.

Source: Ministry of Industry, Mine and Trade.

8.2. ESTABLISHMENT LICENCES ISSUED (1) BY THE MINISTRY OF INDUSTRY, MINE AND TRADE FOR MANUFACTURING ESTABLISHMENTS BY OSTAN AND FREE TRADE ZONE
(number)

Description	Year							
	1385	1390	1395	1396	1397	1398	1399	1400
Total country	54288	15872	16897	20902	24404	28043	41343	39661
East Azarbayejan	000	000	1026	1071	1435	1854	2109	2696
West Azarbayejan.....	000	000	429	448	584	765	1988	2579
Ardebil.....	000	000	334	346	442	441	607	807
Esfahan	000	000	952	1134	931	1352	1831	1643
Alborz.....	000	000	447	456	514	691	993	1312
Ilam.....	000	000	142	160	188	181	302	276
Bushehr.....	000	000	243	305	253	168	270	305
Tehran	000	000	751	888	959	1114	2273	2167
Chaharmahal&Bakhtiari.....	000	000	321	325	498	560	874	808
South Khorasan.....	000	000	164	190	237	221	388	421
Khorasan-e-Razavi	000	000	1445	1791	1664	2465	3710	2761
North Khorasan.....	000	000	102	125	236	239	613	587
Khuzestan	000	000	516	730	953	1029	1648	1369
Zanjan.....	000	000	495	597	766	1016	1499	1268
Semnan	000	000	776	1155	2143	2240	2278	2563
Sistan & Baluchestan.....	000	000	298	421	627	633	973	576
Fars	000	000	1249	1639	1661	1622	2734	2443
Qazvin	000	000	391	482	542	648	943	920
Qom	000	000	868	1246	1798	997	1343	990
Kordestan.....	000	000	333	539	519	816	1224	1005
Kerman	000	000	429	532	509	621	910	1125
South of Kerma.....	000	000	-	-	103	85	157	142
Kermanshah	000	000	240	445	818	750	1718	1608
Kohgiluyeh&Boyerahmad.....	000	000	116	139	136	166	194	167
Golestan.....	000	000	252	328	259	377	569	643
Gilan	000	000	620	630	444	355	287	217
Lorestan	000	000	446	481	393	408	625	711
Mazandaran	000	000	697	799	785	869	1403	1169
Markazi.....	000	000	619	708	805	786	867	744
Hormozgan	000	000	209	357	504	518	586	698
Hamedan.....	000	000	327	573	610	850	1494	1709
Yazd	000	000	1556	1604	1708	2901	3675	2860
Aras Free Zone	000	000	27	45	52	70	28	41
Arvand Free Zone.....	000	000	6	16	9	6	7	6
Anzali Free Zone	000	000	27	30	38	40	13	24
Chabahar Free Zone.....	000	000	10	21	35	4	11	12
Qeshm Free Zone.....	000	000	6	3	12	0	12	33
Kish Free Zone	000	000	0	1	0	1	18	19
Maku Free Zone.....	000	000	16	34	92	55	32	34
Special economic zone	000	000	12	108	142	129	137	203

1. Including new manufacturing units and expansion of existing units.

Source: Ministry of Industry, Mine and Trade.

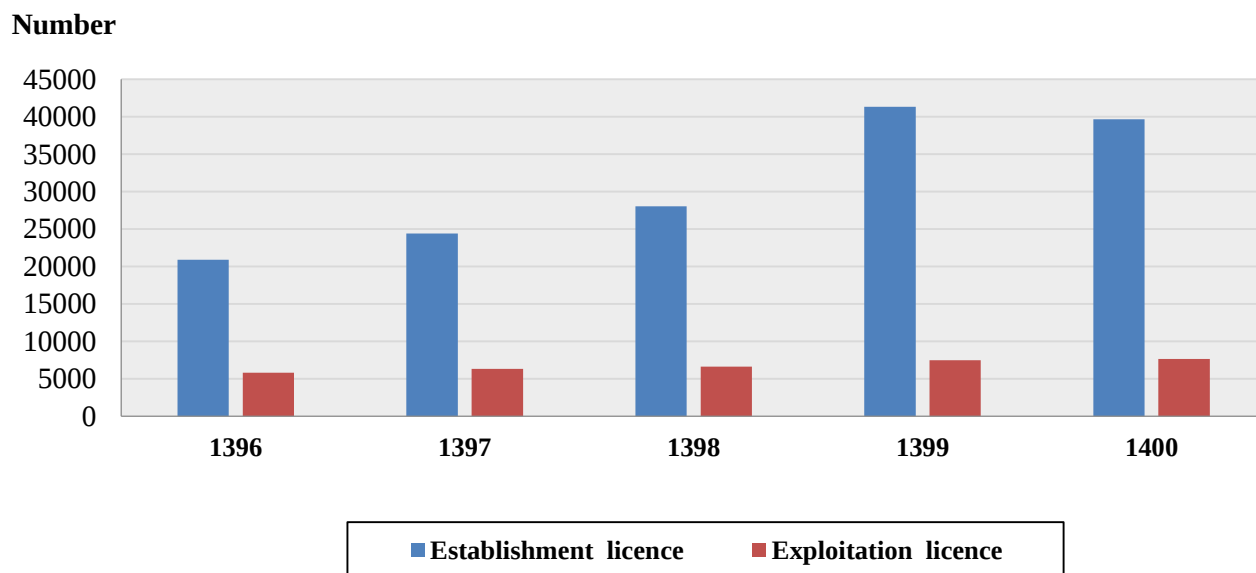
8.3. EXPLOITATION LICENSES ⁽¹⁾ ISSUED BY THE MINISTRY OF INDUSTRY, MINE AND TRADE FOR ESTABLISHING OF MANUFACTURING ESTABLISHMENTS, BY TYPE OF ACTIVITY (number)

Activity	Year							
	1385	1390	1395	1396	1397	1398	1399	1400
Total	6764	6292	5692	5803	6310	6612	7473	7648
Manufacture of food products and beverages	833	1151	810	862	823	913	947	858
Manufacture of tobacco products and products of tobacco substitutes: cigarettes	0	3	4	2	7	12	7	23
Manufacture of textiles	444	262	219	262	289	260	265	284
Manufacture of wearing apparel; dressing and dyeing of fur	115	65	80	68	93	78	90	54
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; manufacture of footwear	60	51	28	85	54	43	39	42
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	223	165	113	96	123	97	86	123
Manufacture of paper and paper products	168	163	127	145	142	172	163	166
Publishing, printing and reproduction of recorded media	28	11	22	21	18	24	12	20
Manufacture of coke, refined petroleum products and nuclear fuels	87	94	158	154	186	177	176	201
Manufacture of chemicals and chemical products	522	481	652	647	773	889	1120	1146
Manufacture of rubber and plastic products	979	851	782	753	908	813	850	841
Manufacture of other non-metallic mineral products	1731	1177	646	547	719	715	760	931
Manufacture of basic metals	208	344	332	383	236	243	243	303
Manufacture of fabricated metal products, except machinery and equipment	438	519	381	380	434	464	516	579
Manufacture of machinery and equipment n.e.c.	399	373	372	393	452	499	596	604
Manufacture of office, accounting and computing machinery	27	17	23	21	39	53	50	93
Manufacture of electric generators, transformers and electric apparatus n.e.c.	131	163	165	172	233	268	248	258
Manufacture of radio, television and communication equipment and apparatus	20	31	30	37	43	48	57	73
Manufacture of medical, precision and optical instruments, watches and clocks	34	53	120	133	104	137	528	218
Manufacture of motor vehicles, trailers and semi-trailers	136	128	120	107	128	147	180	209
Manufacture of other transport equipment	54	36	41	63	53	64	49	45
Manufacture of furniture; manufacturing n.e.c.	100	88	117	105	113	100	115	135
Recycling	27	63	81	96	109	123	109	98
Production of energy	×	×	3	0	0	0	0	3
Supporting and auxiliary transport activities; travel agency activities	×	×	31	36	21	23	30	14
Computer and related activities	×	3	0	0	0	0	15	52
Other activities of engineering services	×	×	231	230	205	248	218	269
Sewage and refuse disposal, sanitation and similar activities	×	×	4	5	4	2	3	6
Water collection, treatment and supply	0	0	0	0	1	0	1	0

1. Including exploitation licenses issued for starting new establishments, expansion of existing establishments and establishments without license.

Source: Ministry of Industry, Mine and Trade.

8.1. ESTABLISHMENT AND EXPLOITATION LICENCES ISSUED FOR MANUFACTURING ESTABLISHMENTS



For data see Table 8.1 & 8.3.

8.4. EXPLOITATION LICENCES ISSUED ⁽¹⁾ BY THE MINISTRY OF INDUSTRY, MINE AND TRADE FOR MANUFACTURING ESTABLISHMENTS BY OSTAN AND FREE TRADE ZONES
(number)

Description	Year							
	1385	1390	1395	1396	1397	1398	1399	1400
Total country	6764	6292	5692	5803	6310	6612	7473	7648
East Azarbayejan	000	000	330	490	478	557	553	472
West Azarbayejan.....	000	000	172	189	213	229	206	241
Ardebil.....	000	000	101	105	127	123	228	168
Esfahan	000	000	485	516	651	577	508	631
Alborz.....	000	000	308	286	398	386	361	430
Ilam.....	000	000	26	37	29	41	44	43
Bushehr.....	000	000	45	44	37	36	55	52
Tehran	000	000	592	460	412	472	455	581
Chaharmahal&Bakhtiari..	000	000	69	63	90	112	139	151
South Khorasan.....	000	000	33	32	29	36	64	57
Khorasan-e-Razavi	000	000	348	305	391	440	503	517
North Khorasan.....	000	000	39	33	16	36	40	40
Khuzestan	000	000	168	147	157	146	193	188
Zanjan.....	000	000	130	162	118	139	154	157
Semnan	000	000	163	187	199	198	186	262
Sistan&Baluchestan.....	000	000	85	71	90	90	79	100
Fars	000	000	269	220	290	290	325	390
Qazvin	000	000	267	252	251	377	440	388
Qom	000	000	310	272	277	243	293	272
Kordestan.....	000	000	64	67	70	114	107	98
Kerman	000	000	151	131	124	135	176	153
South of Kerman	000	000	-	-	31	23	26	38
Kermanshah	000	000	100	98	80	86	109	73
Kohgiluyeh&Boyerahmad..	000	000	33	39	28	38	40	43
Golestan.....	000	000	130	123	144	139	204	178
Gilan	000	000	179	188	163	138	196	169
Lorestan	000	000	116	133	119	119	145	156
Mazandaran	000	000	193	220	210	215	245	244
Markazi.....	000	000	223	235	300	280	332	340
Hormozgan	000	000	98	104	93	76	81	113
Hamedan.....	000	000	76	74	79	77	110	96
Yazd	000	000	210	223	256	263	358	414
Aras Free Zone	000	000	44	46	42	73	63	50
Arvand Free Zone.....	000	000	21	28	49	28	53	18
Anzali Free Zone	000	000	53	37	40	77	65	38
Chabahar Free Zone.....	000	000	12	32	36	9	37	38
Qeshm Free Zone.....	000	000	24	18	38	18	18	20
Kish Free Zone	000	000	0	0	1	0	21	12
Maku Free Zone.....	000	000	13	53	30	33	50	31
Special economic zone	000	000	12	83	124	143	211	186

1. Including exploitation licenses issued for starting new establishments, expansion of existing establishments and establishments without license.

Source: Ministry of Industry, Mine and Trade.

8.5. VACANCIES CREATED IN MANUFACTURING ESTABLISHMENTS WITH EXPLOITATION LICENCE ⁽¹⁾ ISSUED BY THE MINISTRY INDUSTRIES, MINE AND TRAD, BY TYPE OF ACTIVITY

Activity	Year							
	1385	1390	1395	1396	1397	1398	1385	1400
Total.....	126155	109100	89984	104431	109586	108931	142141	161483
Manufacture of food products and beverages	19762	18719	13893	19192	15662	15571	16147	15037
Manufacture of tobacco products and products of tobacco substitutes: cigarettes	0	65	31	445	538	395	322	943
Manufacture of textiles	10275	4954	5433	6951	5677	5410	6225	6526
Manufacture of wearing apparel; dressing and dyeing of fur	1477	978	1432	1461	1634	2270	1753	1551
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; manufacture of footwear..	834	497	272	751	763	738	1293	581
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	2764	1817	2184	1599	2331	1423	1518	1782
Manufacture of paper and paper products.....	2860	2401	2077	2240	2882	2251	2651	3744
Publishing, printing and reproduction of recorded media....	424	125	318	191	246	351	130	576
Manufacture of coke, refined petroleum products and nuclear fuels	1218	3230	2066	1651	6854	4861	4982	9678
Manufacture of chemicals and chemical products	10485	8857	8377	10750	11856	15564	18571	21650
Manufacture of rubber and plastic products.....	12429	10797	8722	9518	9541	8703	9222	11304
Manufacture of other non-metallic mineral products.....	25090	18215	8364	9306	9300	9585	9518	11985
Manufacture of basic metals	7421	9496	8115	11121	9616	10572	11155	18803
Manufacture of fabricated metal products, except machinery and equipment	9038	8620	5850	5989	7788	6520	8472	11232
Manufacture of machinery and equipment n.e.c.	7639	6877	5892	6058	7263	8176	11418	11484
Manufacture of office, accounting and computing machinery.....	540	417	470	245	374	1095	1093	1956
Manufacture of electric generators, transformers and electric apparatus n.e.c	4654	3741	3761	2770	4057	4734	6509	5193
Manufacture of radio, television and communication equipment and apparatus.....	762	829	1055	1160	501	487	1511	2393
Manufacture of medical, precision and optical instruments, watches and clocks.....	486	688	3586	2998	2014	1739	10449	5424
Manufacture of motor vehicles, trailers and semi-trailers....	4557	4463	3195	4145	4988	3218	10676	11393
Manufacture of other transport equipment.....	1804	1164	689	1147	1030	1025	2823	977
Manufacture of furniture; manufacturing n.e.c	1300	1076	1503	1468	1319	1335	1596	2374
Recycling	336	1072	702	902	874	842	754	990
Production of energy	×	×	31	0	0	0	0	81
Supporting and auxiliary transport activities; travel agency activities	×	×	222	570	306	117	340	515
Computer and related activities.....	×	2	0	0	0	0	153	492
Other activities of engineering services	×	×	1711	1766	2076	1944	2838	2782
Sewage and refuse disposal, sanitation and similar activities	×	×	33	37	10	5	12	37
Water collection, treatment and supply.....	×	×	×	×	86	0	10	0

1. Including exploitation licenses issued for starting new establishments, expansion of existing establishments and establishments without license.

Source: Ministry of Industry, Mine and Trade.

8.6. INVESTMENT IN MANUFACTURING ESTABLISHMENTS WITH EXPLOITATION LICENCE ⁽¹⁾ ISSUED BY THE MINISTRY OF INDUSTRIES, MINE AND TRADE, BY TYPE OF ACTIVITY **(billion rials)**

Activity	Year							
	1385	1390	1395	1396	1397	1398	1399	1400
Total	77172	155962	294816	293396	643307	682665	2069678	2564028
Manufacture of food products and beverages	11180	25780	37324	28928	39500	100094	77257	154586
Manufacture of tobacco products and products of tobacco substitutes: cigarettes	0	135	327	8090	1383	3518	3327	34830
Manufacture of textiles	3548	7504	10727	17437	18830	23918	43330	47651
Manufacture of wearing apparel; dressing and dyeing of fur	122	68	787	746	1438	2376	1475	2441
Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; manufacture of footwear	245	177	403	803	888	792	1993	2404
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1038	1690	11211	5047	8988	11224	19857	31721
Manufacture of paper and paper products	970	1895	11521	5314	12813	13539	21501	38438
Publishing, printing and reproduction of recorded media	200	166	796	452	869	6036	1688	7194
Manufacture of coke, refined petroleum products and nuclear fuels	657	18366	26310	6619	209103	67835	728415	658994
Manufacture of chemicals and chemical products	19781	19530	50181	34142	129960	93314	415187	505721
Manufacture of rubber and plastic products	7158	8670	15168	20151	35117	29554	54045	94499
Manufacture of other non-metallic mineral products	11219	23778	28874	29524	34229	38196	70227	149251
Manufacture of basic metals	9713	27037	59033	89423	75677	206225	385798	498450
Manufacture of fabricated metal products, except machinery and equipment	4528	6646	8602	10550	31847	23740	53107	70969
Manufacture of machinery and equipment n.e.c.	1660	4801	7519	9188	13312	16529	43708	79847
Manufacture of office, accounting and computing machinery	253	221	198	67	314	1232	1173	5399
Manufacture of electric generators, transformers and electric apparatus n.e.c.	1921	1851	8787	3145	6730	21136	18538	18348
Manufacture of radio, television and communication equipment and apparatus	158	184	897	1144	333	713	9057	8156
Manufacture of medical, precision and optical instruments, watches and clocks	189	451	2978	3028	2207	3403	28506	25312
Manufacture of motor vehicles, trailers and semi-trailers	1966	2873	4444	5114	10904	8518	45782	60669
Manufacture of other transport equipment	342	388	1722	8839	802	1648	14180	6092
Manufacture of furniture; manufacturing n.e.c.	223	421	2308	1255	1455	2214	6359	11541
Recycling	101	3330	1169	1298	2118	2609	3105	5326
Production of energy	×	×	333	0	0	0	0	989
Supporting and auxiliary transport activities; travel agency activities	×	×	1776	1365	1029	773	2022	15844
Computer and related activities	×	//	0	0	0	0	4584	12167
Other activities of engineering services	×	×	1389	1687	2685	3524	15126	16022
Sewage and refuse disposal, sanitation and similar activities	×	×	31	39	346	5	20	1167
Water collection, treatment and supply	×	×	×	×	432	0	310	0

1. Including exploitation licenses issued for starting new establishments, expansion of existing establishments and establishments without license.

Source: Ministry of Industry, Mine and Trade.

8.7. TRADE LICENCES ISSUED BY THE MINISTRY OF INDUSTRY, MINE AND TRADE FOR TRADE UNITS BY OSTAN, THE YEAR 1400 (number)

Ostan	Total	Service	Manufacturing	Distributive	Technical service
Total country	592300	93979	108774	302906	86641
East Azarbayejan	29181	4522	7325	13515	3819
West Azarbayejan.....	27677	4064	5938	13508	4167
Ardebil.....	10738	2193	1859	5223	1463
Esfahan	45183	7146	10533	20354	7150
Alborz.....	17971	3270	3148	8944	2609
Ilam.....	8121	1023	1267	4694	1137
Bushehr.....	11103	1319	1381	6773	1630
Tehran	70384	14196	15046	33668	7474
Chaharmahal&Bakhtiari.....	9086	1021	1534	5227	1304
South Khorasan.....	7504	989	1422	3698	1395
Khorasan-e-Razavi	48390	7611	8647	24700	7432
North Khorasan.....	6606	848	1148	3498	1112
Khuzestan	27165	3886	3700	15490	4089
Zanjan.....	8145	823	1770	4231	1321
Semnan	6654	826	1047	3514	1267
Sistan &Baluchestan.....	10399	1787	1522	5254	1836
Fars	30968	5319	4374	16594	4681
Qazvin	9259	1341	1532	4842	1544
Qom	7790	1055	1816	3898	1021
Kordestan.....	12923	1585	2181	7057	2100
Kerman	18095	2143	2947	9958	3047
South of Kerman.....	4186	653	619	2379	535
Kermanshah	13236	1671	2573	7072	1920
Kohgiluyeh&Boyerahmad.....	5379	870	653	3087	769
Golestan.....	15818	1741	2853	8741	2483
Gilan	25509	5636	3974	12403	3496
Lorestan	14173	1552	2274	8342	2005
Mazandaran	37833	8285	6385	17370	5793
Markazi.....	12898	1598	2707	6643	1950
Hormozgan	10795	1606	1286	6468	1435
Hamedan.....	15200	1909	3008	7904	2379
Yazd	10267	1217	2254	5154	1642
Nationwide syndicates.....	3664	274	51	2703	636

Source: Ministry of Industry, Mine and Trade.

8.8. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF ACTIVITY, OWNERSHIP AND SIZE

Year and activity	Total establishments			
	Total	10-49 workers	50-99 workers	100 and more workers
1385.....	23732	18995	2367	2370
1390.....	27477	21489	3167	2821
1394.....	33461	27106	3371	2984
1395.....	31309	24981	3332	2995
1396.....	30332	24162	3154	3016
1397.....	29170	23060	3169	2941
1398.....	29148	22614	3351	3183
1399.....	30400	23897	3191	3311
Manufacture of food products	5294	4217	546	530
Manufacture of beverages.....	180	123	25	32
Manufacture of tobacco products.....	23	9	3	11
Manufacture of textiles	1871	1407	215	249
Manufacture of wearing apparel	454	373	51	30
Manufacture of leather and related products.....	334	275	38	21
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	382	303	40	39
Manufacture of paper and paper products.....	715	544	96	76
Printing and reproduction of recorded media.....	487	435	28	23
Manufacture of coke, refined petroleum products	351	283	34	35
Manufacture of chemicals and chemical products	1883	1405	227	251
Manufacture of pharmaceuticals, medicinal chemical and botanical products	347	171	75	101
Manufacture of rubber and plastic products.....	2708	2227	276	204
Manufacture of other non-metallic mineral products...	5329	4632	314	383
Manufacture of basic metals	1376	915	187	274
Manufacture of fabricated metal products, except machinery and equipment	2584	2125	251	208
Manufacture of computer, electronic and optical products.....	457	325	76	56
Manufacture of electrical equipment	1282	878	212	192
Manufacture of machinery and equipment n.e.c.	1867	1476	204	187
Manufacture of motor vehicles, trailers and semi-trailers	987	573	149	265
Manufacture of other transport equipment.....	174	102	31	41
Manufacture of furniture	628	542	44	41
Manufacture of other manufacturing n.e.c	628	514	62	52
Repair and installation of machinery and equipment...	58	41	5	11

8.8. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF ACTIVITY, OWNERSHIP AND SIZE (continued)

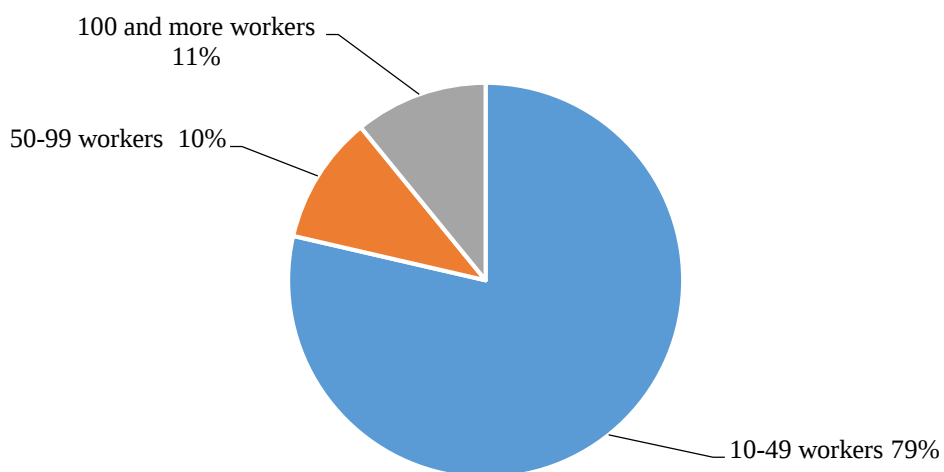
Year and activity	Private			
	Total	10-49 workers	50-99 workers	100 and more workers
1385.....	23173	18760	2284	2129
1390.....	000	000	000	000
1394.....	000	000	000	000
1395.....	31097	24835	3307	2955
1396.....	30153	24068	3129	2986
1397.....	29001	22937	3148	2916
1398.....	28887	22496	3322	3068
1399.....	30158	23797	3145	3216
Manufacture of food products	5241	4186	534	521
Manufacture of beverages.....	175	121	23	31
Manufacture of tobacco products.....	20	9	3	8
Manufacture of textiles	1865	1407	214	244
Manufacture of wearing apparel	453	373	51	29
Manufacture of leather and related products.....	334	275	38	21
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	379	303	39	37
Manufacture of paper and paper products.....	712	542	96	75
Printing and reproduction of recorded media.....	479	433	25	20
Manufacture of coke, refined petroleum products	347	283	33	32
Manufacture of chemicals and chemical products	1867	1400	220	248
Manufacture of pharmaceuticals, medicinal chemical and botanical products.....	337	171	75	91
Manufacture of rubber and plastic products.....	2699	2223	275	201
Manufacture of other non-metallic mineral products.....	5261	4589	306	366
Manufacture of basic metals	1363	910	187	266
Manufacture of fabricated metal products, except machinery and equipment.....	2576	2124	247	205
Manufacture of computer, electronic and optical products.....	457	325	76	56
Manufacture of electrical equipment	1281	878	212	191
Manufacture of machinery and equipment n.e.c	1867	1476	204	187
Manufacture of motor vehicles, trailers and semi-trailers.....	977	573	149	255
Manufacture of other transport equipment.....	166	101	31	34
Manufacture of furniture	625	541	44	39
Manufacture of other manufacturing n.e.c.	622	514	58	50
Repair and installation of machinery and equipment.....	54	40	4	9

8.8. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF ACTIVITY, OWNERSHIP AND SIZE (continued)

Year and activity	Public			
	Total	10-49 workers	50-99 workers	100 and more workers
1385.....	559	235	83	241
1390.....	000	000	000	000
1394.....	000	000	000	000
1395.....	212	146	26	40
1396.....	149	94	25	30
1397.....	169	123	21	25
1398.....	262	118	29	115
1399.....	241	100	46	95
Manufacture of food products	53	32	12	9
Manufacture of beverages.....	5	2	2	1
Manufacture of tobacco products.....	3	0	0	3
Manufacture of textiles	6	0	1	5
Manufacture of wearing apparel	1	0	0	1
Manufacture of leather and related products.....	0	0	0	0
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	3	0	1	2
Manufacture of paper and paper products.....	3	2	0	1
Printing and reproduction of recorded media.....	8	2	3	3
Manufacture of coke, refined petroleum products	4	0	1	3
Manufacture of chemicals and chemical products	16	5	8	3
Manufacture of pharmaceuticals, medicinal chemical and botanical products	10	0	0	10
Manufacture of rubber and plastic products.....	9	5	1	3
Manufacture of other non-metallic mineral products.....	67	43	8	16
Manufacture of basic metals	13	5	0	8
Manufacture of fabricated metal products, except machinery and equipment	8	1	4	3
Manufacture of computer, electronic and optical products.....	0	0	0	0
Manufacture of electrical equipment	1	0	0	1
Manufacture of machinery and equipment n.e.c.	0	0	0	0
Manufacture of motor vehicles, trailers and semi-trailers.....	10	0	0	10
Manufacture of other transport equipment.....	8	1	0	7
Manufacture of furniture	3	1	0	2
Manufacture of other manufacturing n.e.c.	6	0	4	2
Repair and installation of machinery and equipment.....	4	1	1	2

Source: Statistical Centre of Iran.

8.2. DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SIZE, THE YEAR: 1399



For data see Table 8.8.

8.9. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSTAN, THE YEAR 1399

Ostan	Total establishments			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	30400	23897	3191	3311
East Azarbayejan.....	1869	1491	200	178
West Azarbayejan	704	604	51	48
Ardebil	302	254	28	20
Esfahan	3715	3003	368	344
Alborz	1641	1124	258	259
Ilam	49	42	2	5
Bushehr	226	173	19	34
Tehran	6399	5071	658	669
Chaharmahal&Bakhtiari	252	202	25	25
South Khorasan	148	123	10	15
Khorasan-e-Razavi.....	2252	1816	204	233
North Khorasan	132	106	15	11
Khuzestan	716	528	90	98
Zanjan	469	324	51	94
Semnan.....	1005	852	75	78
Sistan&Baluchestan	377	328	37	12
Fars	1326	1114	103	108
Qazvin	1194	885	126	183
Qom	903	728	95	79
Kordestan	216	177	16	23
Kerman	710	575	67	68
Kermanshah	274	217	24	32
Kohgiluyeh&Boyerahmad	66	59	4	3
Golestan	435	338	63	35
Gilan.....	769	570	102	97
Lorestan.....	332	287	24	22
Mazandaran.....	1075	849	109	117
Markazi	1110	780	151	180
Hormozgan.....	269	196	39	34
Hamedan	448	362	45	40
Yazd	1017	718	133	167

8.9. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSTAN, THE YEAR 1399 (continued)

Ostan	Private			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	30158	23797	3145	3216
East Azarbayejan.....	1854	1486	197	171
West Azarbayejan	698	601	51	45
Ardebil	291	249	25	18
Esfahan	3713	3001	368	344
Alborz	1628	1121	256	251
Ilam	49	42	2	5
Bushehr	223	170	19	34
Tehran	6363	5068	654	640
Chaharmahal&Bakhtiari	244	197	23	25
South Khorasan	146	123	10	13
Khorasan-e-Razavi.....	2247	1815	202	231
North Khorasan	125	102	15	8
Khuzestan	707	525	86	96
Zanjan	466	323	50	93
Semnan.....	987	839	71	77
Sistan&Baluchestan	373	326	37	10
Fars	1316	1110	101	105
Qazvin	1191	884	126	181
Qom	899	727	93	78
Kordestan	214	177	16	21
Kerman	698	569	67	62
Kermanshah	265	212	21	31
Kohgiluyeh&Boyerahmad	62	56	3	3
Golestan	427	332	62	33
Gilan.....	764	568	101	95
Lorestan.....	327	283	24	21
Mazandaran.....	1058	839	106	113
Markazi	1102	779	148	176
Hormozgan.....	263	195	38	30
Hamedan	446	362	43	40
Yazd	1014	718	130	166

8.9. MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF OWNERSHIP, SIZE AND OSTAN, THE YEAR 1399 (continued)

Ostan	Public			
	Total	10-49 workers	50-99 workers	100 and more workers
Total country	241	100	46	95
East Azarbayejan	15	5	3	7
West Azarbayejan.....	6	3	0	3
Ardebil	10	5	3	2
Esfahan	2	2	0	0
Alborz	13	3	2	8
Ilam	0	0	0	0
Bushehr	2	2	0	0
Tehran	36	3	4	29
Chaharmahal&Bakhtiari.....	8	6	2	0
South Khorasan.....	2	0	0	2
Khorasan-e-Razavi	5	1	2	2
North Khorasan.....	7	4	0	3
Khuzestan	10	4	4	2
Zanjan	3	1	1	1
Semnan	18	13	4	1
Sistan&Baluchestan.....	4	2	0	2
Fars	10	5	2	3
Qazvin	3	1	0	2
Qom	4	1	2	1
Kordestan.....	2	0	0	2
Kerman	12	6	0	6
Kermanshah	9	5	3	1
Kohgiluyeh&Boyerahmad.....	4	3	1	0
Golestan.....	9	6	1	2
Gilan	5	2	1	2
Lorestan	5	4	0	1
Mazandaran	17	10	3	4
Markazi.....	8	1	3	4
Hormozgan	6	1	1	4
Hamedan.....	2	0	2	0
Yazd	3	0	2	1

Source: Statistical Centre of Iran.

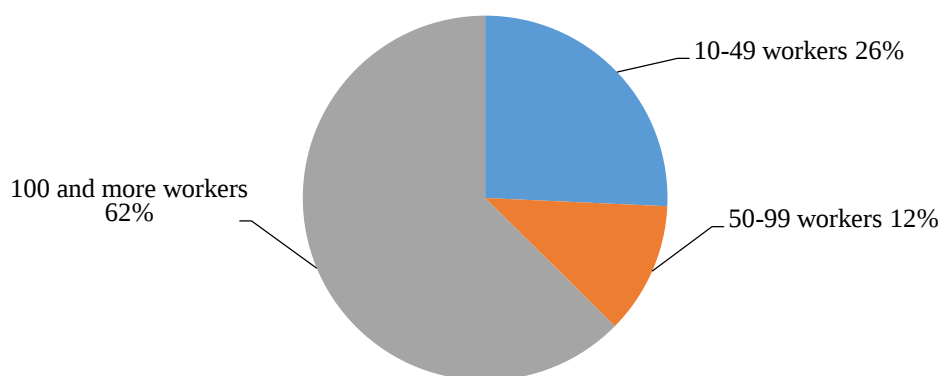
8.10. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY PAID AND UNPAID WORKERS

Year and size of establishments	Total workers	Paid workers			Unpaid workers		
		Both sexes	Male	Female	Both sexes	Male	Female
1385.....	1330540	1318007	1196284	121723	12533	12190	343
1390.....	1643015	1634497	1475405	159092	8519	8284	234
1394 ⁽¹⁾	1792968	1774700	1573329	201371	18268	17619	650
1395.....	1788651	1770864	1565099	205764	17788	17160	628
1396 ⁽¹⁾	1777569	1760060	1556018	204042	17509	16880	629
1397.....	1733789	1716558	1518340	198218	17231	16277	954
1398.....	1803811	1785995	1577373	208622	17815	16918	897
1399.....	1884473	1866867	1642714	224153	17606	16609	997
10-49 workers	484729	468304	406623	61681	16425	15524	901
50-99 workers	220156	219365	185714	33651	790	756	34
100 and more workers	1179588	1179197	1050376	128821	392	329	63

1. Revised figures.

Source: Statistical Centre of Iran.

8.3. DISTRIBUTION OF NATIONAL MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SIZE, THE YEAR 1399



For data see Table 8.10.

8.11. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF ACTIVITY AND SIZE , THE YEAR 1399

Activity	Total	10-49 workers	50-99 workers	100 and more workers
Total	1884473	484729	220156	1179588
Manufacture of food products	324789	85440	38161	201188
Manufacture of beverages	14685	2651	1781	10253
Manufacture of tobacco products.....	6959	137	181	6641
Manufacture of textiles	109084	28512	15231	65340
Manufacture of wearing apparel	16844	7245	3326	6273
Manufacture of leather and related products.....	12955	5054	2712	5189
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	16871	5640	2805	8426
Manufacture of paper and paper products.....	36889	11311	6398	19180
Printing and reproduction of recorded media.....	15321	7321	1946	6054
Manufacture of coke, refined petroleum products	44361	6082	2285	35994
Manufacture of chemicals and chemical products	149956	28665	15920	105371
Manufacture of pharmaceuticals, medicinal chemical and botanical products.....	40742	3649	5196	31896
Manufacture of rubber and plastic products.....	118321	46104	19165	53051
Manufacture of other non-metallic mineral products	222258	87445	21008	113804
Manufacture of basic metals.....	178396	20259	13180	144958
Manufacture of fabricated metal products, except machinery and equipment.....	109368	42809	16743	49816
Manufacture of computer, electronic and optical products.....	28145	7094	5236	15815
Manufacture of electrical equipment.....	90618	19636	14523	56460
Manufacture of machinery and equipment n.e.c.....	91946	32011	14029	45906
Manufacture of motor vehicles, trailers and semi- trailers.....	177021	12691	10434	153896
Manufacture of other transport equipment.....	26215	2251	2252	21712
Manufacture of furniture	22001	10479	3077	8446
Manufacture of other manufacturing n.e.c.	26844	11503	4175	11166
Repair and installation of machinery and equipment....	3884	739	390	2754

Source: Statistical Centre of Iran.

8.12. NUMBER OF WORKERS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY OSTAN AND SIZE, THE YEAR 1399

Ostan	Total	10-49 workers	50-99 workers	100 and more workers
Total country	1884473	484729	220156⁽¹⁾	1179588⁽¹⁾
East Azarbayejan.....	115953	30421	13889	71642
West Azarbayejan	28527	11553	3585	13388
Ardebil	13302	4766	1913	6623
Esfahan	215316	62457	25703	127156
Alborz	113201	24515	18097	70589
Ilam	2444	814	0	0
Bushehr	26909	3081	1260	22568
Tehran	428010	105095	45387	277528
Chaharmahal&Bakhtiari	11391	3379	1804	6207
South Khorasan	7336	2252	660	4424
Khorasan-e-Razavi.....	117807	36784	13602	67421
North Khorasan	8995	2268	967	5760
Khuzestan	92778	10682	6201	75894
Zanjan	37276	7150	3768	26358
Semnan.....	41989	17228	5013	19748
Sistan&Baluchestan	11060	6018	2176	2866
Fars	64868	19995	7068	37804
Qazvin	81651	17771	8737	55143
Qom	39332	15137	6549	17646
Kordestan	9420	3696	1079	4645
Kerman	50462	10465	4682	35315
Kermanshah	17419	4373	1681	11365
Kohgiluyeh&Boyerahmad	2962	1229	0	0
Golestan	17640	7085	4266	629
Gilan.....	44498	10641	7067	26791
Lorestan.....	13516	5461	1531	6524
Mazandaran.....	63657	17071	7349	39237
Markazi	86610	16657	10823	59130
Hormozgan.....	27174	4005	2796	20374
Hamedan	18776	7183	3104	8489
Yazd	74196	15497	8967	49732

1. Discrepancy in the total is due to the confidentiality of some statistical data.

Source: Statistical Centre of Iran.

8.13. COMPENSATION OF WAGE AND SALARY EARNERS IN MANUFACTURING ESTABLISHMENTS WITH 10 AND MORE WORKERS BY SEX (mln rials)

Year and size of establishments	Both sexes		
	Total	Wages and salaries	Other payments
1385.....	73005550	42638803	30366747
1390.....	184747017	115707147	69039870
1394 ⁽¹⁾	419757914	274487369	145270545
1395 ⁽¹⁾	500438932	333639093	166799839
1396 ⁽¹⁾	585721335	394609920	191111414
1397.....	665538249	447079517	218458732
1398.....	886159398	652335294	233824105
1399.....	1249510888	878086384	371424504
10-49 workers	211431234	164240468	47190767
50-99 workers	107891905	81269622	26622281
100 and more workers	930187750	632576295	297611458

Year and size of establishments	Male			Female		
	Total	Wages and salaries	Other payments	Total	Wages and salaries	Other payments
1385.....	67806035	39227761	28578274	5199515	3411042	1788473
1390.....	170428337	106166951	64261386	14318679	9540196	4778484
1394 ⁽¹⁾	383708451	250095072	133613379	36049464	24392298	11657166
1395 ⁽¹⁾	455034627	303161907	151872720	45404305	30477186	14927119
1396 ⁽¹⁾	532908553	358150806	174757747	52812781	36459115	16353667
1397.....	604126575	404970404	199156172	61411674	42109113	19302560
1398.....	802192325	588327886	213864440	83967072	64007407	19959665
1399.....	1124517876	786823655	337694218	124993011	91262727	33730281
10-49 workers	185550379	143766874	41783508	25880855	20473596	5407259
50-99 workers	92819571	69778741	23040835	15072329	11490881	3581446
100 and more workers	846147924	573278044	272869879	84039829	59298248	24741580

1. Revised figures.

Source: Statistical Centre of Iran.

**8.14. COMPENSATION OF WAGE AND SALARY EARNERS IN MANUFACTURING
ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF ACTIVITY AND SIZES,
THE YEAR 1399**

(mln rials)

Activity	Total	10-49 workers	50-99 workers	100 and more workers
Total	1249510888	211431234	107891902	930187751
Manufacture of food products	165645183	34794753	17485668	113364761
Manufacture of beverages.....	8887115	1034367	875415	6977333
Manufacture of tobacco products.....	5034583	68722	105576	4860285
Manufacture of textiles	55640709	13041377	7254410	35344922
Manufacture of wearing apparel	6813126	2585262	1369709	2858156
Manufacture of leather and related products.....	5929848	1996473	1221514	2711860
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.....	9397495	2394488	1354162	5648846
Manufacture of paper and paper products.....	20565418	4851960	3081182	12632276
Printing and reproduction of recorded media.....	7545156	3070670	887269	3587217
Manufacture of coke, refined petroleum products	44302142	2837209	1620339	39844594
Manufacture of chemicals and chemical products	150174089	13694146	8590367	127889576
Manufacture of pharmaceuticals, medicinal chemical and botanical products	30752926	1689948	2986472	26076507
Manufacture of rubber and plastic products.....	60993485	20382450	9447825	31163210
Manufacture of other non-metallic mineral products.....	121419436	37580794	10344594	73494049
Manufacture of basic metals	165403859	9388962	6815234	149199663
Manufacture of fabricated metal products, except machinery and equipment	56881731	18134850	8154416	30592464
Manufacture of computer, electronic and optical products	17277652	3414049	2525891	11337712
Manufacture of electrical equipment	50151891	9195238	6944827	34011826
Manufacture of machinery and equipment n.e.c.	51332254	14546236	7201116	29584902
Manufacture of motor vehicles, trailers and semi-trailers...	154449806	5781822	5000111	143667873
Manufacture of other transport equipment.....	36651170	990620	1230705	34429845
Manufacture of furniture	9517900	4211416	1363172	3943313
Manufacture of other manufacturing n.e.c.	12305917	5403819	1821110	5080988
Repair and installation of machinery and equipment.....	2438000	341604	210821	1885574

Source: Statistical Centre of Iran.

8.15. INVESTMENT (CHANGES IN NON-FINANCIAL ASSETS) IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF NON-FINANCIAL ASSETS AND SIZE
(mln rials)

Year and size of establishments	Total	Machinery and ...	Office equipment	Vehicles
1385.....	59123883	33769222	1155467	1405431
1390.....	97488338	46136404	3337112	2537104
1394 ⁽¹⁾	184720626	76459429	4529826	5265509
1395.....	234890837	128638671	5984487	734440
1396 ⁽¹⁾	257332243	155333113	7035090	8335423
1397.....	639726529	183480431	8188782	8709360
1398.....	515834850	213510555	12947179	9737729
1399.....	1126765230	689312448	20614084	90908678
10-49 workers	98724317	62940920	1746767	3902261
50-99 workers	135964460	67488076	2412515	1426200
100 and more workers	892076452	558883452	16454801	85580220

Year and size of establishments	Building (without land)	Land	Computer software
1385.....	20770786	1847190	175788
1390.....	30429780	14413909	634029
1394 ⁽¹⁾	54339414	41785847	2340601
1395.....	85247052	13499873	786314
1396 ⁽¹⁾	73104515	11781234	1742868
1397.....	414259931	21181732	3906292
1398.....	228866483	47478930	3293976
1399.....	204168344	115541875	6219799
10-49 workers	18263723	11038509	832138
50-99 workers.....	19292044	44802453	543172
100 and more workers	166612578	59700913	4844488

1. Revised figures.

Source: Statistical Centre of Iran.

8.16. INVESTMENT (CHANGES IN NON-FINANCIAL ASSETS) IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF ACTIVITY AND SIZE, THE YEAR 1399

(mln rials)				
Activity	Total	10-49 workers	50-99 workers	100 and more workers
Total	1126765230	98724317	135964460	892076453
Manufacture of food products	156139997	16945893	10598839	128595265
Manufacture of beverages.....	3315994	569401	1033902	1712691
Manufacture of tobacco products.....	4115067	108	560	4114398
Manufacture of textiles	29095339	3358106	3829759	21907474
Manufacture of wearing apparel	620906	863267	160992	403353-
Manufacture of leather and related products.....	1269478	515706	77375	676397
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	6767258	1023439	476091	5267728
Manufacture of paper and paper products.....	13610792	5611978	1794124	6204690
Printing and reproduction of recorded media.....	6450170	865974	1154597	4429598
Manufacture of coke, refined petroleum products	36986500	2335715	1567850	33082934
Manufacture of chemicals and chemical products	407117037	6770914	5089642	395256482
Manufacture of pharmaceuticals, medicinal chemical and botanical products	22262489	644559	1101437	20516493
Manufacture of rubber and plastic products.....	85940662	15474333	54812163	15654166
Manufacture of other non-metallic mineral products...	54035739	18380552	3578959	32076228
Manufacture of basic metals	152152796	4421720	38119278	109611798
Manufacture of fabricated metal products, except machinery and equipment	22659960	6609337	1940721	14109902
Manufacture of computer, electronic and optical products.....	3522238	1110072	639764	1772402
Manufacture of electrical equipment	21584705	4735690	2822258	14026757
Manufacture of machinery and equipment n.e.c.	25648736	2628811	1744305	21275620
Manufacture of motor vehicles, trailers and semi-trailers	62057790	3892373	2722063	55443354
Manufacture of other transport equipment.....	1770148	439366	168286	1162495
Manufacture of furniture	568371	236544	102530	229298
Manufacture of other manufacturing n.e.c.	6000571	1247343	2185521	2567707
Repair and installation of machinery and equipment...	3072486	43113	243442	2785930

Source: Statistical Centre of Iran.

8.17.INPUTS VALUE RESULTED FROM MANUFACTURING ACTIVITIES OF MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY TYPE OF ACTIVITY AND SIZE

(mln rials)

Year and activity	Total	10-49 workers	50-99 workers	100 and more workers
1385.....	330022444	50308932	22177648	257535865
1390.....	774982900	113327725	60787569	600867606
1394 ⁽¹⁾	1414440542	196836381	110491757	1107112403
1395 ⁽¹⁾	1756333001	240188501	124219393	1391925107
1396 ⁽¹⁾	2166162663	289048087	147100396	1730014180
1397.....	3118741231	439085343	236619150	2443036738
1398.....	4650900175	677820450	319847871	3653231854
1399.....	9056992378	1217633635	549315954	7290042790
Manufacture of food products	928327573	279432075	114333353	534562145
Manufacture of beverages.....	67155662	5521927	4329649	57304086
Manufacture of tobacco products.....	43182769	291041	358098	42533630
Manufacture of textiles	220559759	58823979	28354853	133380927
Manufacture of wearing apparel	15623859	5531928	3394303	6697629
Manufacture of leather and related products.....	22309856	12270592	4097785	5941478
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	59292118	8858502	6838830	43594786
Manufacture of paper and paper products.....	115341517	19522548	14185247	81633721
Printing and reproduction of recorded media.....	29753054	11132542	4088403	14532110
Manufacture of coke, refined petroleum products	1154171122	32594028	16198014	1105379080
Manufacture of chemicals and chemical products	2083372868	112700038	56651648	1914021181
Manufacture of pharmaceuticals, medicinal chemical and botanical products	196069101	7671760	12162528	176234813
Manufacture of rubber and plastic products.....	341885275	124201787	41178042	176505446
Manufacture of other non-metallic mineral products.....	522971881	126677630	39867051	356427200
Manufacture of basic metals	1872975969	130822760	73308657	1668844552
Manufacture of fabricated metal products, except machinery and equipment	285704948	95813738	29968634	159922576
Manufacture of computer, electronic and optical products.....	72394677	12582583	9271044	50541049
Manufacture of electrical equipment	306470752	47210542	29707353	229552857
Manufacture of machinery and equipment n.e.c.	211769962	57794795	27444126	126531041
Manufacture of motor vehicles, trailers and semi-trailers	336527842	24712564	17865911	293949366
Manufacture of other transport equipment.....	76118995	3848781	7547736	64722478
Manufacture of furniture	36047399	18246819	2842500	14958080
Manufacture of other manufacturing n.e.c	46784592	16719758	4965240	25099593
Repair and installation of machinery and equipment.....	12180831	4650916	356947	7172967

1. Revised figures.

Source: Statistical Centre of Iran.

8.18. VALUE-ADDED RESULTED FROM MANUFACTURING ACTIVITIES OF MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY OSTAN AND SIZE, THE YEAR 1399

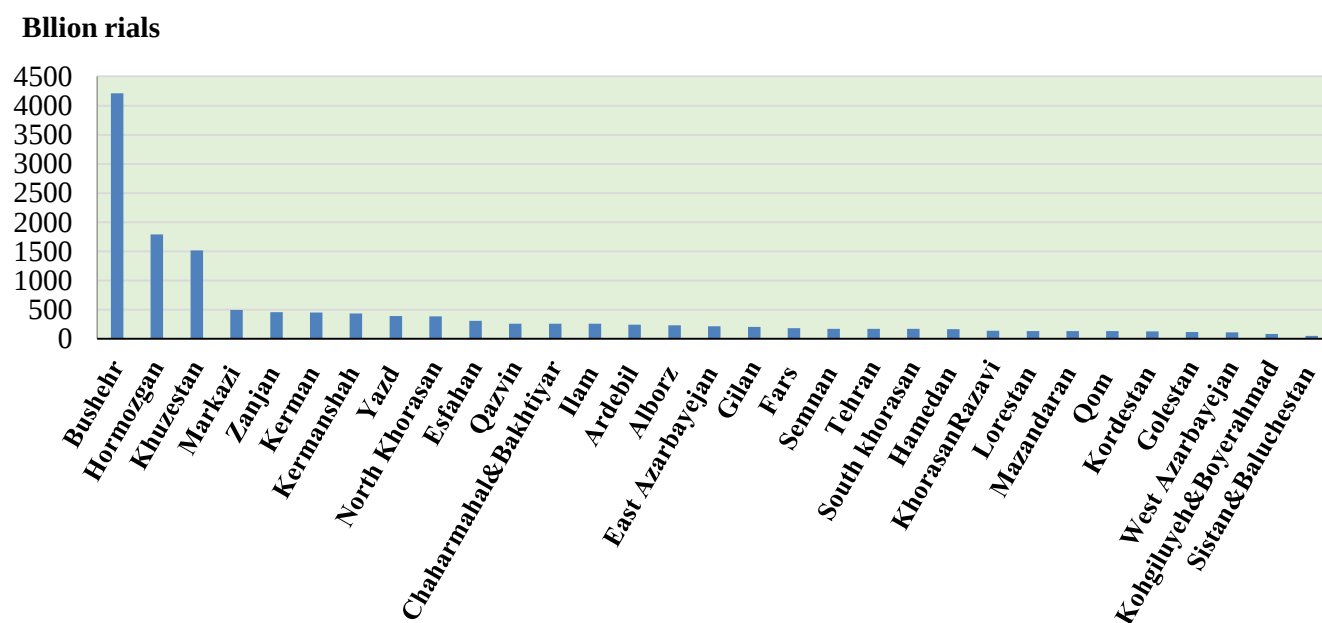
(mln rials)

Ostan	Total	10-49 workers	50-99 workers	100 and more workers
Total country	9056992378	1217633635	549315954⁽¹⁾	7290042790⁽¹⁾
East Azarbayejan.....	400043622	70253321	38069753	291720549
West Azarbayejan	78425934	21907784	4321495	52196655
Ardebil	73186215	21316013	3435204	48434998
Esfahan	1143063394	146632585	60715384	935715425
Alborz	380018199	55260935	42737609	282019656
Ilam	12475766	969561	Q	Q
Bushehr	951330331	6293792	2160455	942876083
Tehran	1066578844	224439819	86442268	755696757
Chaharmahal & Bakhtiari	64746341	8444352	3539893	52762096
South Khorasan	24620957	4926824	926786	18767347
Khorasan-e-Razavi.....	307075653	64632061	36414925	206028668
North Khorasan	50688460	7005524	3766410	39916525
Khuzestan	1084288581	89012015	14281196	980995371
Zanjan	212861742	20595771	22045209	170220762
Semnan.....	168112032	82008877	11868057	74235098
Sistan & Baluchestan	18115817	7026301	1629659	9459858
Fars	236734560	68361542	13513473	154859545
Qazvin	307872976	48947918	25532923	233392135
Qom	116052620	40618193	17782479	57651948
Kordestan	27195155	6798072	2272912	18124170
Kerman	319024565	17292265	8636056	293096243
Kermanshah	118080008	7555367	5620230	104904410
Kohgiluyeh&Boyerahmad	5209599	3016845	Q	Q
Golestan	50086399	12663129	12246246	25177024
Gilan.....	154777883	13682427	14553635	126541822
Lorestan.....	43725746	15337210	3793655	24594881
Mazandaran.....	141560391	31428714	13505759	96625918
Markazi	549201805	42756277	26210963	480234565
Hormozgan.....	481148417	24992505	10367950	445787962
Hamedan	73118632	14595755	25926526	32596351
Yazd	397571734	38861881	35767967	322941886

1. Discrepancy in the total is due to the confidentiality of statistical data.

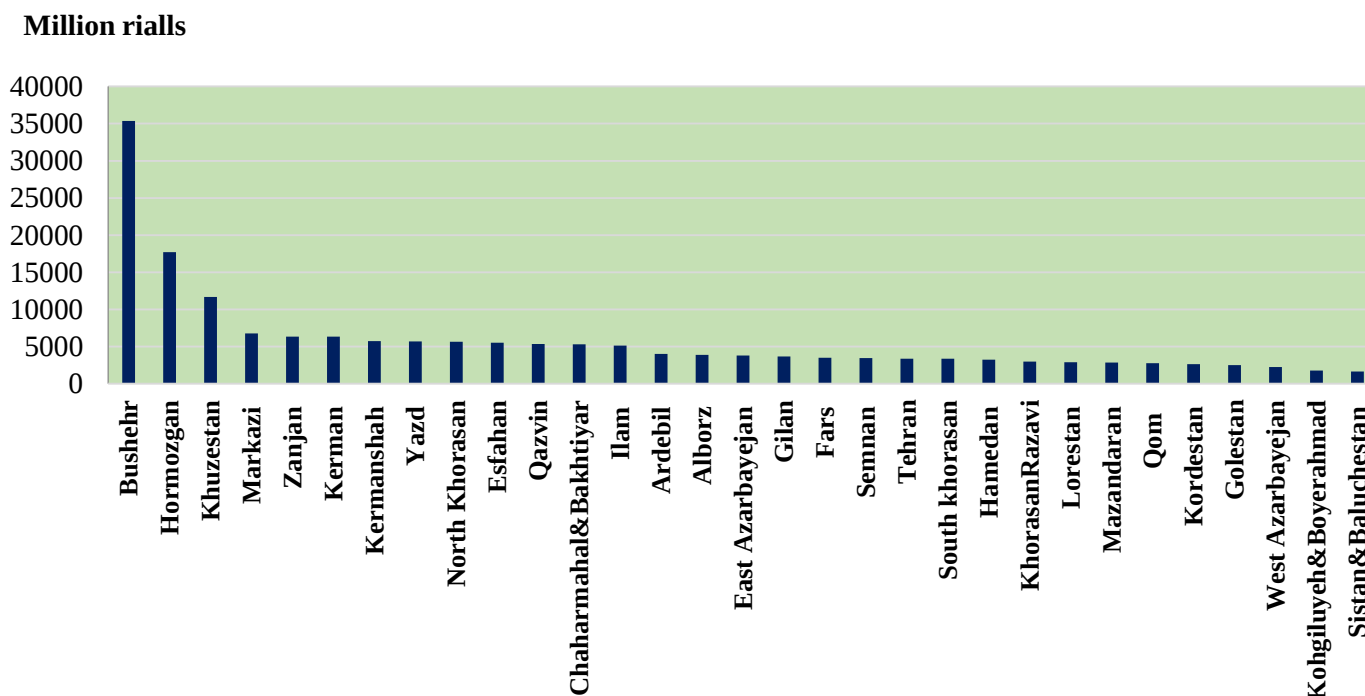
Source: Statistical Centre of Iran.

8.4. VALUE ADDED PER CAPITA CREATED FOR MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY OSTAN, THE YEAR 1399



For data see Tables 8.9 & 8.18.

8.5. VALUE ADDED PER CAPITA CREATED FOR THE EMPLOYED PERSONS IN MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS BY OSTAN,THE YEAR 1399



For data see Tables 8.12 & 8.18.

8.19. PAYMENTS AND RECEIPTS OF MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS FOR NON-INDUSTRIAL SERVICES BY TYPE OF INDUSTRY AND SIZE (mln rials)

Year and activity	Payments			
	Total	10-49 workers	50-99 workers	100 and more workers
1385.....	30525778	3656827	1737624	25131327
1390.....	74210212	7040710	4364382	62805121
1394 ⁽¹⁾	233727399	11462164	7529713	214735523
1395 ⁽¹⁾	247068587	13612726	8579543	224876318
1396 ⁽¹⁾	276880671	15687046	11624014	249569611
1397.....	379211270	21110630	13838740	344261899
1398.....	558164307	36264984	18214077	503685246
1399.....	783308943	46257183	32152253	704899507
Manufacture of food products	82178058	8234427	9564488	64379144
Manufacture of beverages.....	7171742	208313	145056	6818374
Manufacture of tobacco products.....	2242337	10658	22932	2208747
Manufacture of textiles	6977883	1520126	1218604	4239153
Manufacture of wearing apparel	946457	236264	84320	625873
Manufacture of leather and related products.....	1192122	452244	102573	637305
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2706722	435019	298360	1973343
Manufacture of paper and paper products.....	6882762	717861	393504	5771397
Printing and reproduction of recorded media.....	1658724	334668	269204	1054852
Manufacture of coke, refined petroleum products	50567572	1229699	2286120	47051753
Manufacture of chemicals and chemical products	283077080	5160861	3182414	274733805
Manufacture of pharmaceuticals, medicinal chemical and botanical products	14103649	447164	1000497	12655989
Manufacture of rubber and plastic products.....	18156638	4180524	2233235	11742879
Manufacture of other non-metallic mineral products.....	41261851	5902120	1896379	33463351
Manufacture of basic metals	119600412	5314065	2101047	112185300
Manufacture of fabricated metal products, except machinery and equipment	15274209	3745670	1494969	10033569
Manufacture of computer, electronic and optical products.....	6291610	1085369	763908	4442333
Manufacture of electrical equipment	18562563	2113825	1794767	14653970
Manufacture of machinery and equipment n.e.c.....	18249573	2449594	1415927	14384052
Manufacture of motor vehicles, trailers and semi-trailers	79005535	1056736	1117972	76830827
Manufacture of other transport equipment.....	3187464	156835	398715	2631914
Manufacture of furniture	1064999	561462	136419	367118
Manufacture of other manufacturing n.e.c.	2700731	675776	192479	1832475
Repair and installation of machinery and equipment.....	248251	27904	38364	181983

8.19. PAYMENTS AND RECEIPTS OF MANUFACTURING ESTABLISHMENTS WITH 10 OR MORE WORKERS FOR NON-INDUSTRIAL SERVICES BY TYPE OF ACTIVITY AND SIZE (continued) (mln rials)

Year and activity	Receipts			
	Total	10-49 workers	50-99 workers	100 and more workers
1385.....	2091111	381017	143792	1566302
1390.....	9337036	649959	485013	8202064
1394 ⁽¹⁾	62957023	1085658	695977	61175388
1395 ⁽¹⁾	69732910	612778	807213	68312919
1396 ⁽¹⁾	75471347	1134243	1829146	72507958
1397.....	93681191	1030427	6347398	86303366
1398.....	108893750	3038625	1074900	104780225
1399.....	169086269	4269688	1719797	163096783
Manufacture of food products	3225206	628341	322130	2274736
Manufacture of beverages.....	200528	16807	9267	174453
Manufacture of tobacco products.....	1398931	0	594	1398337
Manufacture of textiles	292571	32842	53699	206030
Manufacture of wearing apparel	16261	15506	35	720
Manufacture of leather and related products.....	11645	2036	185	9424
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	100933	28560	25736	46637
Manufacture of paper and paper products.....	175918	1375	1663	172880
Printing and reproduction of recorded media.....	440352	73266	3717	363369
Manufacture of coke, refined petroleum products	72951603	56619	87753	72807231
Manufacture of chemicals and chemical products	39873451	64422	200257	39608772
Manufacture of pharmaceuticals, medicinal chemical and botanical products	1569659	2500	13371	1553788
Manufacture of rubber and plastic products.....	2322729	389047	28995	1904686
Manufacture of other non-metallic mineral products.....	4551674	1285225	530078	2736371
Manufacture of basic metals	26403535	14038	82471	26307026
Manufacture of fabricated metal products, except machinery and equipment	457208	63012	80611	313585
Manufacture of computer, electronic and optical products.....	2980157	890944	6588	2082625
Manufacture of electrical equipment	682753	81636	14421	586696
Manufacture of machinery and equipment n.e.c.	3190852	394232	90661	2705959
Manufacture of motor vehicles, trailers and semi-trailers	7521050	83740	60608	7376703
Manufacture of other transport equipment.....	462108	0	80382	381726
Manufacture of furniture	203527	141681	0	61846
Manufacture of other manufacturing n.e.c	53616	3859	26575	23182
Repair and installation of machinery and equipment.....	0	0	0	0

1. Revised figures.

Source: Statistical Centre of Iran.

8.20. GENERAL CHARACTERISTICS OF MANUFACTURING COOPERATIVES BY YEAR AND OSTAN AT THE END OF THE YEAR

Description	Number	Member	Employed	Capital (mln rials)
<i>Registered cooperatives ⁽¹⁾</i>				
1385.....	18329	237158	177488	2716607
1390.....	31662	327743	315094	6172181
1395.....	38166	412376	391663	23759031
1396.....	38940	423745	402905	48179225
1397.....	39677	432296	412056	41136133
1398.....	40329	438080	421121	42339597
1399.....	16823	000	183044	29800102
1400.....	17190	136321	187719	30994590
<i>Cooperatives under establishment</i>				
1385.....	3503	38966	36596	415501
1390.....	5824	48676	71936	411966
1395.....	5365	55358	63509	1827056
1396.....	5072	49530	58390	10214927
1397.....	5086	48974	57989	10580735
1398.....	5419	52146	63830	10697956
1399.....	5787	000	65358	10698402
1400.....	6153	000	70025	11892891
<i>Operating cooperatives</i>				
1385.....	8291	116028	88624	1935014
1390.....	12164	153375	120322	4731922
1395.....	11530	135624	117401	15018253
1396.....	11186	136928	115546	25719592
1397.....	11125	137366	119639	18112005
1398.....	11050	136455	117873	19092635
1399.....	11036	136311	117686	19101700
1400.....	11037	136321	117694	19101699

8.20. GENERAL CHARACTERISTICS OF MANUFACTURING COOPERATIVES BY YEAR AND OSTAN AT THE END OF THE YEAR (continued)

Description	Number	Member	Employed	Capital (mln rials)
East Azarbayejan.....	845	8455	9118	442374
West Azarbayejan	189	1500	2040	531683
Ardebil	158	1422	1252	2332981
Esfahan.....	432	9063	4209	623852
Alborz	68	837	972	260477
Ilam	177	1438	1298	51517
Bushehr	394	3108	4847	693283
Tehran	540	14557	12694	513612
Chaharmahal&Bakhtiari	375	2825	2915	139337
South Khorasan	162	2531	1542	53507
Khorasan-e-Razavi.....	741	10604	7092	586675
North Khorasan	226	1986	1918	116588
Khuzestan	639	5370	6431	158277
Zanjan	113	929	934	384318
Semnan.....	168	1599	2069	407635
Sistan&Baluchestan	231	3400	4539	252504
Fars	827	9593	8949	5637862
Qazvin	89	751	1242	192077
Qom	175	1709	1780	374056
Kordestan	256	2113	2032	706696
Kerman	533	6242	4695	130409
Kermanshah	356	3463	4312	517232
Kohgiluyeh&Boyerahmad	279	2144	2861	532573
Golestan	421	3214	3120	301788
Gilan.....	322	3548	3011	695394
Lorestan.....	357	2846	3243	113892
Mazandaran.....	742	6342	6478	910819
Markazi	314	3704	2838	424892
Hormozgan.....	382	3377	3977	44761
Hamedan	196	2158	2010	104675
Yazd	330	15493	3276	865953

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

Source: Ministry of Cooperatives, Labor and Social Welfare.

8.21. GENERAL CHARACTERISTICS OF HAND-WOVEN CARPET COOPERATIVES BY YEAR AND OSTAN AT THE END OF THE YEAR

Description	Number	Member	Employed	Capital (mln rials)
<i>Registered cooperatives ⁽¹⁾</i>				
1385.....	1954	124127	71006	56162
1390.....	3031	92984	84082	131297
1395.....	3778	165010	109292	187626
1396.....	3879	166449	113615	210406
1397.....	3999	168051	110481	240244
1398.....	4115	169353	111247	249559
1399.....	1863	000	43082	151748
1400.....	1927	58660	44250	153177
<i>Cooperatives under establishment</i>				
1385.....	344	2827	5228	13990
1390.....	443	4115	7546	57590
1395.....	567	5591	16381	21319
1396.....	521	5211	16037	22856
1397.....	573	5618	15798	40594
1398.....	660	6181	16006	39100
1399.....	714	000	16022	38890
1400.....	778	000	17190	40319
<i>Operating cooperatives</i>				
1385.....	963	73234	36791	29045
1390.....	1343	67882	33792	41860
1395.....	1152	57792	28892	74966
1396.....	1164	56622	31072	92657
1397.....	1177	57841	27310	103134
1398.....	1150	58667	27089	112868
1399.....	1149	58660	27060	112858
1400.....	1149	58660	27060	112858

8.21. GENERAL CHARACTERISTICS OF HAND-WOVEN CARPET COOPERATIVES BY YEAR AND OSTAN AT THE END OF THE YEAR (continued)

Description	Number	Member	Employed	Capital (mln rials)
East Azarbayejan.....	116	2812	1364	19395
West Azarbayejan.....	34	3489	2868	17116
Ardebil.....	49	473	677	1334
Esfahan	41	34414	3645	12290
Alborz	3	126	2	90
Ilam.....	36	347	331	492
Bushehr.....	29	264	423	941
Tehran	55	938	2061	713
Chaharmahal&Bakhtiari.....	34	2245	3807	2355
South Khorasan.....	19	334	659	2654
Khorasan-e-Razavi	82	1403	2172	11393
North Khorasan.....	23	177	123	553
Khuzestan	36	424	662	1344
Zanjan.....	11	90	174	322
Semnan	13	185	229	1238
Sistan&Baluchestan.....	13	221	434	465
Fars	93	4002	1921	6090
Qazvin	13	91	114	163
Qom	6	77	104	467
Kordestan.....	15	465	264	333
Kerman	64	1843	858	11728
Kermanshah	23	604	638	426
Kohgiluyeh&Boyerahmad.....	31	256	311	746
Golestan.....	44	562	386	499
Gilan	45	422	432	9943
Lorestan	97	1271	1090	1461
Mazandaran	42	398	428	658
Markazi.....	20	141	254	237
Hormozgan	29	226	219	1268
Hamedan.....	16	169	238	701
Yazd	17	191	172	5446

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

Source: Ministry of Cooperatives, Labor and Social Welfare.

